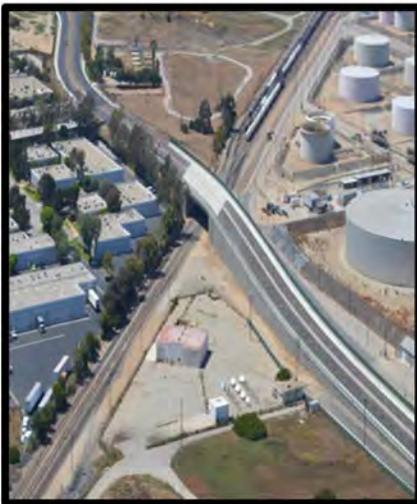


CITY OF TORRANCE PROPOSED FIVE YEAR CAPITAL BUDGET PLAN 2016-2021



Del Amo Extension



Seaside Heroes Park



*Pacific Electric Railway –
El Prado Bridge*



One Stop Permit Center



*Torrance Transit Park and Ride
Regional Transit Terminal*



Torrance Centennial Plaza

Summary
Recommended
FEAPS & IAPS

RECOMMENDED

**FACILITIES, EQUIPMENT,
AUTOMATION PLAN (FEAP)**

AND

**INFRASTRUCTURE ACTION PLAN
(IAP)**

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CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CITY CLERK						
2016-00532	Electronic Records Management System	16-17	General Fund	\$ 350,000	\$ 35,000	38
2016-00559	Electronic Agenda Management System	18-19	General Fund	100,000	20,000	41
2016-00563	Electronic Campaign Statement & Conflict of Interest Form Filing	17-18	General Fund	85,000	25,000	44
TOTAL-CITY CLERK RECOMMENDED FEAPS				535,000	80,000	
CITY MANAGER						
2016-00591	Digital Sign Wilson Park	16-17	Cable	85,000	-	48
2016-00592	Master Control High Def Replacement	16-17	PEG	500,000	7,000	51
2016-00593	Post Production-CitiCABLE	19-20	PEG	250,000	2,500	54
2016-00594	Field Cameras-CitiCABLE	20-21	PEG	165,000	-	57
2016-00599	City Council TV Production Control Room, Cameras, Robotics	17-18	Cable	350,000	-	60
2016-00601	City Council Sound System	16-17	PEG	65,000	-	63
2016-00602	Expand Offices-CitiCABLE	16-17	Cable	30,000	-	66
		17-18	Cable	120,000	-	
				<u>150,000</u>	-	
TOTAL-CITY MANAGER RECOMMENDED FEAPS				1,565,000	9,500	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
COMMUNICATIONS AND INFORMATION TECHNOLOGY (CIT)						
2015-00519	Radio System Replacement	18-19	General Fund	\$ 400,000		70
		19-20	Radio Replacement	2,340,008		
		19-20	General Fund	1,297,492		
		20-21	Radio Replacement	237,303		
		20-21	General Fund	812,697		
		21-22	Radio Replacement	222,689		
		21-22	General Fund	2,222,311		
				<u>7,532,500</u>	540,000	
2016-00552	Replace Uninterrupted Power Supply (UPS)	19-20	General Fund	<u>150,000</u>	-	73
2016-00555	Fire Mobile Dispatch (SPOT) Replacement	17-18	General Fund	<u>122,000</u>	280	76
2016-00590	Accela Asset Management Expansion	17-18	General Fund	120,000		79
		17-18	Airport	16,200		
		17-18	Sanitation	80,600		
		17-18	Sewer	80,500		
		17-18	Street Lighting	32,000		
		17-18	Water	80,700	10,000	
				<u>410,000</u>		
TOTAL -CIT RECOMMENDED FEAPS					8,214,500	550,280

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
COMMUNITY DEVELOPMENT						
2016-00557	Airport Noise Monitoring Equipment Replacement	19-20	Airport	225,000	155,000	84
TOTAL-COMMUNITY DEVELOPMENT RECOMMENDED FEAP				225,000	155,000	
COMMUNITY SERVICES						
2016-00568	New Chipper	16-17	General Fund	18,000	-	98
2016-00573	Pool Tarp Replacement	16-17	General Fund	24,000	-	113
2016-00577	Bartlett Redesign Exercise/Fitness Room	16-17	General Fund	75,000	-	116
2016-00578	Exercise and Fitness Room Equipment-Bartlett Senior Center	16-17	Parks & Recr Facilities	25,000	-	119
2016-00583	Expansion & Education at Lago Seco Park Community Gardens	16-17	Parks & Recr Grant	40,000	-	122
2016-00587	Madrona Marsh Nature Center-Curation Lab	16-17	General Fund	40,000	-	125
2016-00588	Shower Installation-Madrona Marsh Nature Center	17-18	General Fund	25,000	1,200	128
2016-00589	Computer Room Vent-Madrona Marsh Nature Center	17-18	General Fund	10,000	-	131

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED-COMMUNITY SERVICES						
2016-00628	Turf Management Plan-City Sports Field	16-17	Parks & Recr Open Space Fund	97,000	4,300	137
2016-00630	Torrance Southern Tarplant Preserve	16-17	Prop 1 Grant	500,000	-	140
TOTAL-COMMUNITY SERVICES RECOMMENDED FEAPS				854,000	5,500	
FIRE						
2016-00534 FEAP848	Replacement of 3 Fire Engines	17-18	Fire Apparatus Replacement Fund	43,628	-	153
<p>This project has previously approved budget of \$1,830,000 (FY14-15 of \$588,523 and FY16-17 of \$1,241,477). Department is requesting an additional \$43,628 bringing the project total to \$1,873,628</p>						
2016-00535	Replacement of 2 Fire Engines & 1 Fire Truck	20-21	Fire Apparatus Replacement Fund	2,509,767	-	159
2016-00543	Replacement of monitor/defibrillators	16-17 17-18	General Fund General Fund	270,000 236,581	101,316	171

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
TOTAL-FIRE RECOMMENDED FEAPS				3,059,976	101,316	
GENERAL SERVICES						
2016-00538	Carpet Replacement in all Fire Stations	16-17	General Fund-Building Maintenance Fund	56,816		181
		17-18	General Fund-Building Maintenance Fund	56,815		
				<u>113,631</u>	-	
2016-00558	Carpet Replacement-Katy Geissert Civic Center Library	19-20	General Fund-Building Maintenance Fund	396,750	-	184
2016-00566	Entradero Park Restroom Renovation	18-19	General Fund-Building Maintenance Fund	80,000	-	187
2016-00567	El Nido Park Restroom Renovation	18-19	General Fund-Building Maintenance Fund	160,000	-	190
2016-00574	Scout House Renovations	16-17	General Fund-Building Maintenance Fund	35,000		193
		17-18	General Fund-Building Maintenance Fund	220,000		
				<u>255,000</u>	5,000	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED-GENERAL SERVICES						
2016-00575	Carpet Replacement-Benstead Plunge	16-17	General Fund-Building Maintenance Fund	10,000	-	196
2016-00576	Civic Center Library & City Hall Chiller Maintenance	16-17	General Fund-Building Maintenance Fund	225,000	-	199
2016-00600	Replace Roof-East Annex	16-17	General Fund-Building Maintenance Fund	140,000	-	202
2016-00603	Floor covering & carpet replacement at various City facilities	17-18	General Fund-Building Maintenance Fund	100,000		205
		18-19	General Fund-Building Maintenance Fund	75,000		
		19-20	General Fund-Building Maintenance Fund	60,000		
		20-21	General Fund-Building Maintenance Fund	60,000		
				<u>295,000</u>	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
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CONTINUED-GENERAL SERVICES

2016-00604 FEAP592	Painting of Civic Center and Parks Facilities This project has previously approved budget of \$295,000. Department is requesting an additional \$120,000 bringing the project total to \$415,000	18-19	General Fund-Building Maintenance Fund	40,000		208
		19-20	General Fund-Building Maintenance Fund	40,000		
		20-21	General Fund-Building Maintenance Fund	40,000	-	
				120,000	-	
2016-00605 FEAP867	Repair Water and Sewage Lines-Greenwood Park This project has previously approved budget of \$100,000. Department is requesting an additional \$30,000 bringing the project total to \$130,000	16-17	General Fund-Building Maintenance Fund	30,000	-	218
2016-00606 FEAP869	Repair Various Heating & Air Conditioning (HVAC) units within City facilities This project has previously approved budget of \$125,000. Department is requesting an additional \$75,000 bringing the project total to \$200,000	16-17	General Fund-Building Maintenance Fund	75,000	-	224

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED-GENERAL SERVICES						
2016-00607	Replace roof-Walteria Library, Henderson Library & Fire Station 4	17-18	General Fund-Building Maintenance Fund	206,000		231
2016-00608	Inspect & test electrical panels-various buildings	16-17	General Fund-Building Maintenance Fund	75,000		234
		17-18	General Fund-Building Maintenance Fund	75,000		
				<u>150,000</u>	-	
2016-00609	Fire Stations Doors Preventive Maintenance and Replacement	17-18	General Fund-Building Maintenance Fund	164,000		237
2016-00610	HVAC Replacements-Phase 3	18-19	General Fund-Building Maintenance Fund	285,000		240
		19-20	General Fund-Building Maintenance Fund	200,000		
				<u>485,000</u>	-	
2016-00611	Upgrade Exterior Lighting-Civic Center and Parks	19-20	General Fund-Building Maintenance Fund	150,000		243
2016-00612	Upgrade Interior Lighting-Civic Center	18-19	General Fund-Building Maintenance Fund	200,000		246

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED-GENERAL SERVICES						
2016-00613	Repair Roofs-Park Buildings	19-20	General Fund-Building Maintenance Fund	75,000		249
		20-21	General Fund-Building Maintenance Fund	75,000		
				150,000	-	
2016-00614	Replace water and sewer lines-Parks and Recreation areas	19-20	General Fund-Building Maintenance Fund	75,000		252
		20-21	General Fund-Building Maintenance Fund	75,000		
				150,000	-	
2016-00623	Replacement of Light Duty Vehicle Hoists	16-17	Fleet Vehicle Replacement	250,000	3,000	255
TOTAL-GENERAL SERVICES RECOMMENDED FEAPS				3,805,381	8,000	
POLICE						
2016-00545	Hazard Mitigation-Emergency Operations Plan	16-17	General Fund	100,000		261
		18-19	General Fund	35,000		
				135,000	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED-POLICE						
2016-00549 FEAP779	Jail Locks and Control Panel	16-17	General Fund	60,000	-	272
	This project has previously approved budget of \$60,000. Department is requesting an additional \$60,000 bringing the project total to \$120,000					
2016-00551	Body/Vehicle Cameras & Mobile Computer Devices	16-17 17-18 18-19 19-20	General Fund * General Fund * General Fund * General Fund *	200,000 300,000 700,000 700,000	-	278
	* First year will be funded with the intent that future years will be funded as funds become available					
2016-00629	Automated License Plate Recognition System	16-17 17-18	General Fund General Fund	300,000 300,000	12,000	283
TOTAL-POLICE RECOMMENDED FEAPS				2,695,000	12,000	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
PUBLIC WORKS - FEAPS						
2014-00422	4th Aerial Lift Truck-Overhead Outdoor Lighting	16-17	Fleet Vehicle Replacement	140,000	16,500	287
2016-00554	Brush Chippers	16-17	Fleet Vehicle Replacement	87,000	14,000	308
2016-00626	Replacement of Crack Sealing Machine	16-17	Fleet Vehicle Replacement	68,000	10,000	311
TOTAL-PUBLIC WORKS RECOMMENDED FEAPS				295,000	40,500	
PUBLIC WORKS - IAPS						
2013-00086	Sepulveda Blvd Rehabilitation (Hawthorne to Western)	18-19	Prop C	290,000		326
		20-21	Gas Tax	2,525,000		
		20-21	Prop C	1,700,000		
				<u>4,515,000</u>		
				-		

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)
RECOMMENDED
 2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00151 I 152	Citywide Sidewalk Ramping/Grinding Program	18-19 19-20 20-21	Gas Tax Gas Tax Gas Tax	300,000 300,000 300,000 <u>900,000</u>	-	332
	This project has previously approved budget of \$1,935,000. Department is requesting an additional \$900,000 bringing the project total to \$2,835,000					
2016-00152 I 139	Arterial Street Pavement Sealing Program	18-19 18-19 19-20 19-20 20-21 20-21	Measure R Local Prop C Measure R Local Prop C Measure R Local Prop C	255,000 595,000 255,000 595,000 255,000 595,000 <u>2,550,000</u>	-	339
	This project has previously approved budget of \$5,000,000. Department is requesting an additional \$2,550,000 bringing the project total to \$7,550,000.					

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00154 I 159	Residential Slurry Seal Program	18-19	Measure R Local	652,500		347
		18-19	General Fund	97,500		
		19-20	Measure R Local	652,500		
		19-20	General Fund	97,500		
		20-21	Measure R Local	652,500		
		20-21	General Fund	97,500		
				2,250,000	-	
2016-00155	FY2018-21 Residential Street Rehabilitation Program	18-19	Measure R Local	900,000		359
		19-20	Measure R Local	550,000		
		19-20	Gas Tax	450,000		
		20-21	Gas Tax	1,000,000		
				2,900,000	-	
2016-00156	FY2018-21 Sewer Repairs	18-19	Sewer Fund	250,000		362
		19-20	Sewer Fund	250,000		
		20-21	Sewer Fund	250,000		
				750,000	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)
RECOMMENDED
 2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00158 I 110	Machado Lake Watershed Best Management Practices for Nutrient and Toxics TMDLs (Water Quality Monitoring & Reporting Plan)	17-18	Sewer Fund	<u>200,000</u>	-	368
	This project has previously approved budget of \$703,683. Department is requesting an additional \$200,000 bringing the project total to \$903,683					
2016-00159 I 126	Airport Pavement Maintenance Program	16-17 18-19 20-21	Airport Fund Airport Fund Airport Fund	300,000 100,000 <u>100,000</u> <u>500,000</u>	-	384
	This project has previously approved budget of \$1,117,440. Department is requesting an additional \$500,000 bringing the project total to \$1,617,440.					

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00160 I 153	Miscellaneous Water Main Replacements for Developer and Street Rehab Projects	18-19 19-20 20-21	Water Fund Water Fund Water Fund	750,000 750,000 750,000 <u>2,250,000</u>	-	392
This project has previously approved budget of \$3,750,000. Department is requesting an additional \$2,250,000 bringing the project total to \$6,000,000.						
2016-00161 I 163	Goldsworthy Desalter Expansion	16-17	Water Fund	<u>250,000</u>	-	401
This project has previously approved budget of \$100,000. Department is requesting an additional \$250,000 bringing the project total to \$350,000						
2016-00163	Citywide Traffic Signal Improvements	17-18 17-18 18-19 18-19 19-20 19-20 20-21 20-21	Measure R Local Prop C Measure R Local Prop C Measure R Local Prop C Measure R Local Prop C Gas Tax Prop C	62,500 187,500 62,500 187,500 62,500 187,500 62,500 187,500 <u>1,000,000</u>	-	409

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

RECOMMENDED

2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00164	Sewer System Master Plan	16-17 17-18	Sewer Fund Sewer Fund	575,000 75,000 <u>650,000</u>	-	412
2016-00165	Citywide Traffic Analysis	16-17 16-17 17-18 17-18	Measure R Local Prop C Measure R Local Prop C	207,000 483,000 12,000 28,000 <u>730,000</u>	-	415
2016-00167 1 038	Downtown Sewer Trunk Line Replacement (Phase II-North) - Requested funding to be used to relocate a previously designed water main project to build the Downtown Sewer Replacement	16-17	Water Fund	<u>1,000,000</u>	-	421

This project has previously approved budget of \$1,200,000. Department is requesting an additional \$1,000,000 bringing the project total to \$2,200,000

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)
RECOMMENDED
 2016-2021

REQUEST #	PROJECT TITLE	FY	RECOMMENDED FINANCING SOURCES	AMOUNT	ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00171 I 074	Incremental Water Main Replacement Program	16-17 17-18	Water Fund Water Fund	250,000 250,000		435
	This project has previously approved budget of \$800,000. Department is requesting an additional \$1,250,000 bringing the project total to \$2,050,000.	18-19 19-20 20-21	Water Fund Water Fund Water Fund	250,000 250,000 250,000 <u>1,250,000</u>		
2016-00174 I 135	Sidewalk Repair for handicap accessibility	18-19 18-19	CDBG TDA	600,000 90,000		455
	This project has previously approved budget of \$4,715,004. Department is requesting an additional \$2,070,000 bringing the project total to \$6,785,004.	19-20 19-20 20-21 20-21	CDBG TDA CDBG TDA	600,000 90,000 600,000 90,000 <u>2,070,000</u>		
TOTAL-PUBLIC WORKS RECOMMENDED IAPS				\$ 23,765,000	\$ -	
GRAND TOTAL RECOMMENDED FEAPS AND IAPS 2016-2021				\$ 45,013,857	\$ 962,096	

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Summary
Deferred
FEAPS & IAPS

DEFERRED

**FACILITIES, EQUIPMENT,
AUTOMATION PLAN (FEAP)**

AND

**INFRASTRUCTURE ACTION PLAN
(IAP)**

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CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)
DEFERRED
 2016-2021

REQUEST #	PROJECT TITLE	DEPT. REQUEST FY	POTENTIAL FINANCING SOURCES	AMOUNT	TOTAL ONGOING COSTS	PAGE #
COMMUNITY SERVICES						
2016-00556	Library Security Upgrades	16-17	General Fund	\$ 21,500	\$ 11,500	89
2016-00560	Acceia Equipment Implementation-Park System	16-17 17-18	General Fund General Fund	50,000 25,000 <u>75,000</u>	10,000	92
2016-00564	Chain Link Fence Replacement-Wilson Park	18-19	General Fund	135,000	-	95
2016-00569	Picnic Shelter Replacement/Walkway Improvements-Sunnyglen Park	20-21	General Fund	450,000	-	101
2016-00570	Picnic Shelter Replacement -Walteria Park	16-17	General Fund	95,000	-	104
2016-00571	Restroom Installation-Columbia Park	19-20	General Fund	650,000	-	107
2016-00572	Cement Patio/Basketball Court-The ATTIC	16-17	Parks & Recr Facilities	43,310	-	110
2016-00624	McMaster Park Redevelopment Phase II	18-19 19-20	General Fund General Fund	100,000 900,000 <u>1,000,000</u>	-	134
TOTAL-COMMUNITY SERVICES DEFERRED PROJECTS				2,469,810	21,500	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

DEFERRED

2016-2021

REQUEST #	PROJECT TITLE	DEPT. REQUEST FY	POTENTIAL FINANCING SOURCES	AMOUNT	TOTAL ONGOING COSTS	PAGE #
FIRE						
2012-00304 FEAP302	Fire Station 4 Remodel	16-17	General Fund	1,020,400	-	145
	This project has previously approved budget of \$314,600. Department is requesting an additional \$1,020,400 bringing the project total to \$1,335,000					
2016-00536	Fire Station 5 Lawn Removal	16-17	General Fund	21,000	-	162
2016-00539	Replacement of the Hazmat and Air & Lighting Vehicles with One Vehicle	16-17	General Fund Fire Apparatus Replacement Fund	732,000 68,000 800,000	-	165
2016-00542	Replacement and Additional Installations of Opticoms	16-17	General Fund	46,742	-	168
TOTAL-FIRE DEFERRED PROJECTS				1,888,142	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

DEFERRED

2016-2021

REQUEST #	PROJECT TITLE	DEPT. REQUEST FY	POTENTIAL FINANCING SOURCES	AMOUNT	TOTAL ONGOING COSTS	PAGE #
POLICE						
2016-00548 FEAP569	Emergency Operations Center (EOC) Enhancement	16-17	General Fund	100,000	-	264
<p>This project has previously approved budget of \$105,800. Department is requesting an additional \$100,000 bringing the project total to \$205,800</p>						
2016-00615	Range Upgrade	16-17	Gen Fund-From completed project- FEAP731-Forensic Lab	28,000		281
		16-17	General Fund	72,000		
		16-17	Asset Forfeiture-DOJ from completed FEAP731- Forensic Lab	4,512		
		16-17	Asset Forfeiture-DOJ	60,488		
		16-17	DIF-Police Impact Fees	85,000		
				250,000	-	
TOTAL-POLICE DEFERRED PROJECTS				350,000	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

DEFERRED

2016-2021

REQUEST #	PROJECT TITLE	DEPT. REQUEST FY	POTENTIAL FINANCING SOURCES	AMOUNT	TOTAL ONGOING COSTS	PAGE #
PUBLIC WORKS - FEAPS						
2016-00531	Storm Water Retention Basin-City Yard and Channel Perimeter Fencing and Gates	16-17 17-18 18-19	General Fund General Fund General Fund	50,000 50,000 50,000 <u>150,000</u>	-	290
2016-00533	Traffic Signal Controllers	16-17 17-18 18-19 19-20 20-21	General Fund General Fund General Fund General Fund General Fund	85,000 85,000 85,000 85,000 85,000 <u>425,000</u>	-	293
2016-00537 FEAP574	NPDES Permit and TMDL Compliance for Santa Monica Bay Beaches and Dominguez Channel This project has previously approved budget of \$840,393. Department is requesting an additional \$250,000 bringing the project total to \$1,090,393	16-17 17-18 18-19 19-20 20-21	Sewer Fund Sewer Fund Sewer Fund Sewer Fund Sewer Fund	50,000 50,000 50,000 50,000 50,000 <u>250,000</u>	-	296
TOTAL-PUBLIC WORKS DEFERRED FEAP PROJECTS				825,000	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)

DEFERRED

2016-2021

REQUEST #	PROJECT TITLE	DEPT. REQUEST FY	POTENTIAL FINANCING SOURCES	AMOUNT	TOTAL ONGOING COSTS	PAGE #
PUBLIC WORKS - IAPS						
2013-00084	Madrona & Prairie Avenues Rehabilitation (190th St to Sepulveda)	18-19	Gas Tax or Measure R Local or Prop C or General Fund	\$ 350,000		323
		20-21	Gas Tax or Measure R Local or Prop C or General Fund	4,340,000 <u>4,690,000</u>	-	
2013-00109	182nd St Rehabilitation (Western to west City limit)	19-20	Gas Tax or Measure R Local or General Fund	380,000		329
		20-21	Gas Tax or Measure R Local or General Fund	6,230,000 <u>6,610,000</u>	-	
2016-00157	Rubber Wheel Trolley Circulator	16-17	Federal Grant pass thru MTA	1,262,301		365
		16-17	Prop C	921,200		
		16-17	Measure R Local	291,599		
	Transit Department is exploring opportunities for grant funding to pay for the purchase of the trolley and related equipment. If successful, there will be a requirement for matching funds	17-18	Federal Grant pass thru MTA	1,537,699		
		17-18	Prop C	1,184,000		
		17-18	Measure R Local	1,688,401		
				<u>6,885,200</u>	-	

CITY OF TORRANCE
 FACILITIES, EQUIPMENT, AUTOMATION PLAN (FEAP) AND INFRASTRUCTURE ACTION PLAN (IAP)
DEFERRED
 2016-2021

REQUEST #	PROJECT TITLE	DEPT. REQUEST FY	POTENTIAL FINANCING SOURCES	AMOUNT	TOTAL ONGOING COSTS	PAGE #
CONTINUED PUBLIC WORKS - IAPS						
2016-00166	Storm Drain Channel south of Del Amo Blvd and east of Van Ness Avenue	18-19	DIF-Storm Drain	275,000	-	418
		19-20	DIF-Storm Drain	1,975,000		
		20-21	DIF-Storm Drain	75,000		
				2,325,000		
2016-00172	Citywide Storm Drain Replacement	17-18	DIF-Storm Drain	240,000	-	452
		18-19	DIF-Storm Drain	200,000		
		19-20	DIF-Storm Drain	200,000		
		20-21	DIF-Storm Drain	200,000		
				840,000		
TOTAL -PUBLIC WORKS DEFERRED IAP PROJECTS				21,350,200	-	
GRAND TOTAL DEFERRED FEAPS AND IAPS 2016-2021				\$ 26,883,152	\$ 21,500	

SOURCES

FINANCING SOURCES	Balance as of 3/31/16	Projected Annual					Projected Annual 2020-21	TOTAL PROJECTED 5 YEARS
		April-June 2016	2016-17	2017-18	2018-19	2019-20		
Airport Fund	1,593,934	(888,310)	112,797	96,000	87,000	79,000	143,000	1,223,421
Asset Forfeiture-Dept of Homeland Security	840,272	-	178,338	180,121	181,922	187,380	189,254	1,757,287
Asset Forfeiture-Dept of Justice (DOJ)	945,731	39,969	314,595	317,741	320,918	330,546	333,851	2,603,351
Asset Forfeiture-DOJ-Fr Completed project-FEAP731-Forensic Lab	4,512	-	-	-	-	-	-	4,512
Asset Forfeiture-LA Impact	156,362	-	57,278	57,851	58,430	60,183	60,785	450,889
Asset Forfeiture-State	84,402	8,859	68,770	69,458	70,153	72,258	72,981	446,881
Asset Forfeiture-US Treasury	366,639	3,303	5,149	5,200	5,252	5,410	5,464	396,417
Asset Forfeiture-Vehicle Training Program	16,555	-	2,942	2,971	3,001	3,091	3,122	31,682
Cable	2,684,185	166,296	(144,476)	(133,000)	(154,000)	(176,000)	(220,000)	2,023,005
Community Dev Block Grant (CDBG)	-	-	928,529	600,000	600,000	600,000	600,000	3,328,529
Development Impact Fee (DIF) - Fire	60,574	-	56,633	56,633	56,633	56,633	56,633	343,739
Development Impact Fee (DIF) - Police	96,194	-	33,688	33,688	33,688	33,688	33,688	264,634
Development Impact Fee (DIF) - Sewer	9,117	-	8,626	8,626	8,626	8,626	8,626	52,247
Development Impact Fee (DIF) - Storm Drain	371,257	-	190,036	190,036	190,036	190,036	190,036	1,321,437
Development Impact Fee (DIF) - Transp	497,814	-	247,940	247,940	247,940	247,940	247,940	1,737,514
Development Impact Fee (DIF) - Utility	476,732	-	213,808	213,808	213,808	213,808	213,808	1,545,772
Fire Apparatus Replacement	2,031,295	99,600	400,000	400,000	400,000	400,000	400,000	4,130,895
Fleet Vehicle Replacement Fund	20,700,280	(629,997)	516,565	432,900	106,000	164,500	117,001	21,407,249
Gas Tax	278,457	1,171,550	2,016,340	2,046,903	2,077,772	2,108,950	2,140,440	11,840,412
General Fund-Building Maintenance	631,321	-	500,000	600,000	700,000	700,000	700,000	3,831,321
General Fund-fr completed FEAP731-Forensic Lab	28,000	-	-	-	-	-	-	28,000
General Fund-Unappropriated	1,834,058	-	1,000,000	600,000	600,000	600,000	600,000	5,234,058
Measure R Local Return	568,833	375,000	1,494,000	1,494,000	1,494,000	1,494,000	1,494,000	8,413,833
Parks & Recr-Facilities	33,397	7,603	9,696	9,793	9,891	9,990	10,090	90,460
Parks & Recr-Grant	-	-	40,000	-	-	-	-	40,000
Parks & Recr-Open Space	145,769	58,024	79,790	80,588	81,394	82,208	83,030	610,803
Public Education Government (PEG)	534,995	282,068	310,000	321,000	331,000	342,000	353,000	2,474,063
Proposition C	2,500,887	500,000	414,697	414,697	414,697	414,697	414,697	5,074,372
Prop 1 Grant	-	-	500,000	-	-	-	-	500,000
Radio Replacement Fund	1,390,796	-	237,303	237,303	237,303	237,303	237,303	2,577,311
Sanitation Fund	(262,624)	591,076	93,297	(236,713)	(687,913)	(1,193,333)	(1,670,995)	(3,367,205)
Sewer Fund	1,445,342	(508,711)	(1,184,191)	(1,563,667)	(1,725,666)	(1,702,666)	(1,788,000)	(7,027,599)
Street Lighting	32,000	-	-	-	-	-	-	32,000
Transportation Development Act (TDA)	-	-	90,000	90,000	90,000	90,000	90,000	450,000
Water Fund	3,416,808	(2,585,870)	2,229,718	(110,382)	(750,001)	(4,049,765)	(4,743,713)	(6,593,205)

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USES

FINANCING SOURCES	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Airport Fund	300,000	16,200	100,000	225,000	100,000	-
Asset Forfeiture-Dept of Homeland Security	-	-	-	-	-	-
Asset Forfeiture-Dept of Justice (DOJ)	-	-	-	-	-	-
Asset Forfeiture-DOJ-Fr Completed project-FAEP731-Forensic Lab	-	-	-	-	-	-
Asset Forfeiture-LA Impact	-	-	-	-	-	-
Asset Forfeiture-State	-	-	-	-	-	-
Asset Forfeiture-US Treasury	-	-	-	-	-	-
Asset Forfeiture-Vehicle Training Program	-	-	-	-	-	-
Cable	115,000	470,000	-	-	-	-
Community Dev Block Grant (CDBG)	928,529	600,000	600,000	600,000	600,000	-
Development Impact Fee (DIF) - Fire	-	-	-	-	-	-
Development Impact Fee (DIF) - Police	-	-	-	-	-	-
Development Impact Fee (DIF) - Sewer	-	-	-	-	-	-
Development Impact Fee (DIF) - Storm Drain	30,400	49,600	-	-	-	-
Development Impact Fee (DIF) - Transp	-	-	-	-	-	-
Development Impact Fee (DIF) - Utility	210,000	19,000	-	-	-	-
Fire Apparatus Replacement	1,241,477	43,628	-	-	2,509,767	-
Fleet Vehicle Replacement Fund	621,666	76,667	76,667	-	-	-
Gas Tax	2,293,000	1,609,000	300,000	3,750,000	3,887,500	-
General Fund-Building Maintenance	701,816	1,101,815	840,000	996,750	250,000	-
General Fund-fr completed FEAP731-Forensic Lab	-	-	-	-	-	-
General Fund-Unappropriated	2,244,675	2,243,456	1,679,375	2,591,867	910,197	2,222,311
Measure R Local Return	1,337,000	2,187,500	1,870,000	1,520,000	907,500	-
Parks & Recr-Facilities	25,000	-	-	-	-	-
Parks & Recr-Grant	40,000	-	-	-	-	-
Parks & Recr-Open Space	202,000	105,000	-	-	-	-
Public Education Government (PEG)	565,000	-	-	250,000	165,000	-
Proposition C	483,000	215,500	1,072,500	782,500	2,482,500	-
Prop 1 Grant	500,000	-	-	-	-	-
Radio Replacement Fund	-	-	-	2,340,008	237,303	222,689
Sanitation Fund	-	80,600	-	-	-	-
Sewer Fund	851,667	632,166	326,666	250,000	250,000	-
Street Lighting	-	32,000	-	-	-	-
Transportation Development Act (TDA)	-	-	90,000	90,000	90,000	-
Water Fund	2,326,667	1,157,367	1,076,667	1,000,000	1,000,000	-

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BALANCES

FINANCING SOURCES	2016-17	2017-18	2018-19	2019-20	2020-21
Airport Fund	518,421	598,221	585,221	439,221	482,221
Asset Forfeiture-Dept of Homeland Security	1,018,610	1,198,731	1,380,653	1,568,033	1,757,287
Asset Forfeiture-Dept of Justice (DOJ)	1,300,295	1,618,036	1,938,954	2,269,500	2,603,351
Asset Forfeiture-DOJ-Fr Completed project-FAEP731-					
Forensic Lab	4,512	4,512	4,512	4,512	4,512
Asset Forfeiture-LA Impact	213,640	271,491	329,921	390,104	450,889
Asset Forfeiture-State	162,031	231,489	301,642	373,900	446,881
Asset Forfeiture-US Treasury	375,091	380,291	385,543	390,953	396,417
Asset Forfeiture-Vehicle Training Program	19,497	22,468	25,469	28,560	31,682
Cable	2,591,005	1,988,005	1,834,005	1,658,005	1,438,005
Community Dev Block Grant (CDBG)					
Development Impact Fee (DIF) - Fire	117,207	173,840	230,473	287,106	343,739
Development Impact Fee (DIF) - Police	129,882	163,570	197,258	230,946	264,634
Development Impact Fee (DIF) - Sewer	17,743	26,369	34,995	43,621	52,247
Development Impact Fee (DIF) - Storm Drain	530,893	671,329	861,365	1,051,401	1,241,437
Development Impact Fee (DIF) - Transp	745,754	993,694	1,241,634	1,489,574	1,737,514
Development Impact Fee (DIF) - Utility	480,540	675,348	889,156	1,102,964	1,316,772
Fire Apparatus Replacement	1,289,418	1,645,790	2,045,790	2,445,790	336,023
Fleet Vehicle Replacement Fund	19,965,182	20,321,415	20,350,748	20,515,248	20,632,249
Gas Tax	1,173,347	1,611,250	3,389,022	1,747,972	912
General Fund-Building Maintenance	429,505	(72,310)	(212,310)	(509,060)	(59,060)
General Fund-fr completed FEAP731-Forensic Lab	28,000	28,000	28,000	28,000	28,000
General Fund-Unappropriated	589,383	(1,054,073)	(2,133,448)	(4,125,315)	(4,435,512)
Measure R Local Return	1,100,833	407,333	31,333	5,333	591,833
Parks & Recr-Facilities	25,696	35,489	45,380	55,370	65,460
Parks & Recr-Grant					
Parks & Recr-Open Space	81,583	57,171	138,565	220,773	303,803
Public Education Government (PEG)	562,063	883,063	1,214,063	1,306,063	1,494,063
Proposition C	2,932,584	3,131,781	2,473,978	2,106,175	38,372
Prop 1 Grant					
Radio Replacement Fund	1,628,099	1,865,402	2,102,705	-	-
Sanitation Fund	421,749	104,436	(583,477)	(1,776,810)	(3,447,805)
Sewer Fund	(1,099,227)	(3,295,060)	(5,347,392)	(7,300,058)	(9,338,058)
Street Lighting	32,000				
Transportation Development Act (TDA)	90,000	180,000	180,000	180,000	180,000
Water Fund	733,989	(533,760)	(2,360,428)	(7,410,193)	(13,153,906)

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**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
CITY CLERK
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00532	1	Electronic Records Management System	16-17	General Fund	\$ 350,000	\$ 35,000	38
2016-00559	2	Electronic Agenda Management System	18-19	General Fund	100,000	20,000	41
2016-00563	3	Electronic Campaign Statement & Conflict of Interest Form Filing	17-18	General Fund	85,000	25,000	44
TOTAL-CITY CLERK RECOMMENDED PROJECTS						\$ 535,000	\$ 80,000

Type of Project	Automation
Project Location	City wide
Project Title	Electronic Records Management System
Submitting Department	City Clerk - City Clerk
Prepared By	POIRIER, REBECCA L.
Preparer's Email	rpoirier@torranceca.gov
Managing Department	City Clerk - City Clerk
Project Leader	PARKER, YONNIE L.
Project Leader's Email	yparker@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

<p>Description</p> <p>The City Clerk's Office would like to convert hard copy records into digital format for efficient and effective records management, and setting in place an Electronic Records Management System ("ERMS"). The intent of the ERMS is to capture paper and electronic documents in a more permanent and durable medium and provide for the storage, retrieval, security and archiving of those documents.</p>
<p>Justification</p> <p>An Electronic Records Management System ("ERMS") will provide identification and protection of vital records, increase efficiency of information retrieval, create storage space savings, reduce expenses for filing equipment, compliance with records retention requirements, and controls over creation of new records. In addition, ERMS will provide a public web portal for the community to view and download vital city documents, which will increase transparency and improve customer service levels.</p>
<p>Impact of Non-Approval</p> <p>The City will continue to lack proper identification and protection of vital records, deliver insufficient information retrieval, increase its volume of records and overflow storage spaces, and provide inadequate control over creation of new records. Furthermore, the City will maintain its normal customer service levels and transparency to the community.</p>
<p>Other Alternatives Considered</p> <p>None.</p>

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	Electronic Document Management System - ESTIMATION Quantity Description Price Each Amount 1 Standard Server with Workflow \$ 15,000 60 Full User Licenses with Snapshot email @ \$500.00 = \$ 30,000 3 Snapshot User \$666.00 = \$ 2,000 1 Import Agent \$3,000.00 = \$ 3,000 1 Web Access (Internal Portal) \$8,000.00 = \$ 8,000 1 Quick Fields User \$600.00 = \$ 600 1 Quick Fields-Zone OCR \$3,000.00 = \$ 3,000 1 Quick Fields-Real Time Lookup \$600.00 = \$ 600 50 Weblink (Public Portal) with 50 User Licenses \$1,000.00 = \$ 50,000 1 Customer Web Inter Support \$1,600.00 = \$ 1,600 1 Annual Priority Support/Consulting including 20 hours on-site, remote and phone support for installed software. Up to 1/2 the hours for install of new version updates. \$3,000.00 = \$ 3,000 4 Heavy Duty High Speed Scanners \$10,000.00 = \$ 40,000 Scanning Archived Documents = \$193,200 Total Estimated Cost = \$350,000
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$350,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$350,000	\$0	Grand Total \$350,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other <u>Maintenance</u>	\$35,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$35,000	\$0	Grand Total \$35,000

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/2000 12:00:00 AM

Project Timeline

Original Timeline		Created By: POIRIER, REBECCA L.			
		Created Date: 12/1/2015 10:23:34 AM			
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: POIRIER, REBECCA L.					
Amount: \$350,000		Created Date: 12/1/2015 10:23:34 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$350,000					\$350,000
Sub-Total:		\$350,000	\$0	\$0	\$0	\$0	\$350,000

Financing Source Options

Original Budget		Created By: POIRIER, REBECCA L.	
Total Amount: \$350,000		Created Date: 12/1/2015 10:32:21 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$350,000	

Request #: 2016-00559

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Automation
Project Location	City Wide
Project Title	Electronic Agenda Management System
Submitting Department	City Clerk - City Clerk
Prepared By	POIRIER, REBECCA L.
Preparer's Email	rpoirier@torranceca.gov
Managing Department	City Clerk - City Clerk
Project Leader	PARKER, YONNIE L.
Project Leader's Email	yparker@torranceca.gov
Project Start Date	01/01/2018
Estimated Completion Date	03/31/2019

Project Request Status	Proposed
Approved Project Status	

Description

Electronic Agenda Management System - this will allow agenda items to be created and routed electronically. Several team members can review and sign off on the items which will increase efficiency of the items. The system will build the agenda from the items and create an electronic packet. Paper copies may still be printed. The system can assist with adhering to deadlines by locking after the deadline date, with only the City Manager or his designee being able to unlock to add late items. In addition, this system could be used for commission agenda packets which would create additional efficiencies.

Justification

An electronic agenda management system will create a more efficient creation of city council agendas and ability to maintain deadlines. It aligns with the City of Torrance Strategic Plan's Stewardship of the Environment by eliminating the need for paper to be routed in the form of contract routing sheets, agenda items, etc. It aligns with the Strategic Plan's Education and Civic Involvement by creating a professional electronic agenda packet more efficiently and on time.

Impact of Non-Approval

Impact of Non-Approval would be status quo. Continued routing and creating of agenda packets by paper with team members moving the items from one department to the next.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$50,000	_____	
Other <u>Software</u>	\$50,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$100,000	\$0	Grand Total <u>\$100,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other <u>Maintenance Costs</u>	\$20,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$20,000	\$0	Grand Total <u>\$20,000</u>

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: POIRIER, REBECCA L.			
		Created Date: 12/18/2015 9:57:30 AM			
Description	2017-18	2018-19			
Survey/Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: REYES, JOYCE I.					
Amount: \$100,000		Created Date: 4/29/2016 12:25:43 PM					
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined			\$100,000				\$100,000
Sub-Total:		\$0	\$100,000	\$0	\$0	\$0	\$100,000

Financing Source Options

Original Budget		Created By: POIRIER, REBECCA L.	
Total Amount: \$100,000		Created Date: 12/18/2015 9:57:30 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$100,000	

Request #: 2016-00563

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Automation
Project Location	City Wide
Project Title	Electronic Campaign Statement and Conflict of Interest Form filing
Submitting Department	City Clerk - City Clerk
Prepared By	POIRIER, REBECCA L.
Preparer's Email	rpoirier@torranceca.gov
Managing Department	City Clerk - City Clerk
Project Leader	PARKER, YONNIE L.
Project Leader's Email	yparker@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	08/01/2018

Project Request Status	Proposed
Approved Project Status	

Description

Electronic filing for Elected Officials and Candidates who are mandated to file Campaign Statements biannually. During election time, additional filings are required. These documents are automatically redacted and posted online creating efficiencies to faster access for the public. In addition, this software includes a component for Conflict of Interest / Statement of Economic Interests Form 700 to be filed electronically as well. This would allow the 400 filers to file on time electronically eliminating the need to print out the form.

Justification

Elected Officials have been requesting the ability to file electronically for some time. Providing this service would align the City Clerk's services with the City's Strategic Plan through the Stewardship for the Environment and providing open and transparent through Communication and Civic Involvement. Paper copies would be eliminated, files would be retained electronically in both unredacted and redacted forms. The public would have almost immediate access to forms filed. It would increase efficiency in the City Clerk's Office.

Impact of Non-Approval

Statue Quo - Campaign Statements would be provided in paper format or through a link to the Fair Political Practices Commission. The filer would have to print out the document and submit it to the City Clerk's Office. After review, the City Clerk's Office would scan and redact prior to posting online for public view. Statement of Economic Interests - Form 700 packets would be provided for filers to fill out manually and submit to the City Clerk's Office. Team members would then log and file.

Other Alternatives Considered

N/A

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$30,000	_____	
Other <u>Software</u>	\$55,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$85,000	\$0	Grand Total <u> </u> \$85,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other <u>Maintenance</u>	\$25,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$25,000	\$0	Grand Total <u> </u> \$25,000

Department Priority

3

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: POIRIER, REBECCA L.			
		Created Date: 12/18/2015 11:45:57 AM			
Description	2017-18	2018-19			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: REYES, JOYCE I.					
Amount: \$85,000		Created Date: 4/29/2016 12:07:59 PM					
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$85,000					\$85,000
Sub-Total:		\$85,000	\$0	\$0	\$0	\$0	\$85,000

Financing Source Options

Original Budget		Created By: POIRIER, REBECCA L.	
Total Amount: \$85,000		Created Date: 12/18/2015 2:44:22 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$85,000	

PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
CITY MANAGER
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED			PAGE #
				FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	
RECOMMENDED PROJECTS							
2016-00591	1	Digital Sign Wilson Park	16-17	Cable	\$ 85,000	\$ -	48
2016-00592	2	Master Control High Definition Replacement	16-17	PEG	500,000	7,000	51
2016-00593	6	Post Production-CitiCABLE	19-20	PEG	250,000	2,500	54
2016-00594	7	Field Cameras-CitiCABLE	20-21	PEG	165,000	-	57
2016-00599	4	City Council TV Production Control Room, Cameras, Robotics	17-18	Cable	350,000	-	60
2016-00601	3	City Council Sound System	16-17	PEG	65,000	-	63
2016-00602	5	Expand Offices-CitiCABLE	16-17 17-18	Cable Cable	30,000 120,000	- -	66
					150,000		
TOTAL-CITY MANAGER RECOMMENDED PROJECTS					\$ 1,565,000	\$ 9,500	

Type of Project	Equipment
Project Location	Telecommunications Center
Project Title	Digital Sign Wilson Park
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	City Manager - Cable & Community Relations
Project Leader	SMITH, MICHAEL D.
Project Leader's Email	msmith@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2016

Project Request Status	Proposed
Approved Project Status	

Description
 A two-sided high definition digital LED outdoor sign installed at Charles H. Wilson Park, near Jefferson and Crenshaw. Sign to measure around 10' x 17' and approximately 12 - 18' high. Top branding would be Charles H. Wilson Park. Infrastructure needed including curbing, power and data.

Justification
 City needs to increase public notifications in a cost efficient manner. Digital signage on Crenshaw Blvd. will expand our ability to share with the community not only events and activities at Wilson Park, but citywide. Also visual improvement on Crenshaw Blvd. by eliminated temporary traffic control signs and vinyl signs.

Impact of Non-Approval
 Limited ability to communicate efficiently with the public. Continued use of vinyl signs being printed and hung on temporary poles.

Other Alternatives Considered
 none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$85,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$85,000	\$0	Grand Total \$85,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	SMITH, MICHAEL D.			
		Created Date:	12/21/2015 9:10:00 AM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	SMITH, MICHAEL D.				
Amount: \$85,000		Created Date:	12/21/2015 9:10:00 AM				
Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
To Be Determined			\$85,000				\$85,000
Sub-Total:		\$0	\$85,000	\$0	\$0	\$0	\$85,000

Financing Source Options

Original Budget		Created By:	SMITH, MICHAEL D.	
Total Amount: \$85,000		Created Date:	12/21/2015 9:10:00 AM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
CATV Public Access	0%	\$0		
Cable Comm Capital Project Fd	100%	\$85,000		

Request #: 2016-00592

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Telecommunications Center
Project Title	Master Control HD replacement
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	City Manager - Cable & Community Relations
Project Leader	SMITH, MICHAEL D.
Project Leader's Email	msmith@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of existing standard definition system with high definition system. Project includes Master Control Ingest and Media Ports; Main Signal Path (MC); Utility and Control; Inbound and Outbound Remotes; Automation and Control Software; TCtv Ingest System; On Air Branding; System Wide Devices; Shared Network Drives.

Justification
Existing equipment is 12 years old and technology has moved from SD to HD several years ago. Support for SD infrastructure is diminishing and failure rate of existing equipment will increase.

Impact of Non-Approval
Increase in maintenance cost and diminished reliability

Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$500,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$500,000	\$0	Grand Total \$500,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; height: 200px; width: 100%;"> software and technical support </div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other <u>Crispin</u>	\$2,500	_____	
Other <u>Harmonic</u>	\$4,500	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$7,000	\$0	Grand Total \$7,000

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	SMITH, MICHAEL D.			
		Created Date:	12/21/2015 9:30:23 AM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	SMITH, MICHAEL D.				
Amount: \$500,000		Created Date:	12/21/2015 9:30:23 AM				
Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
To Be Determined			\$500,000				\$500,000
Sub-Total:		\$0	\$500,000	\$0	\$0	\$0	\$500,000

Financing Source Options

Original Budget		Created By:	SMITH, MICHAEL D.	
Total Amount: \$500,000		Created Date:	12/21/2015 9:30:23 AM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
PEG (Public Educ Gov) Fund	100%	\$500,000		

Request #: 2016-00593

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Telecommunications Center
Project Title	Post Production - CitiCABLE
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	City Manager - Cable & Community Relations
Project Leader	SMITH, MICHAEL D.
Project Leader's Email	msmith@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of existing post production systems. There are 10 units, 6 desktop systems in the administrative areas for writers and producers to access; and 4 units in the production areas. These systems are used to edit television programs for display on the cable television channels, online streaming, and local media (DVD or other media).

Justification
Computer based systems need to be replaced on a regular schedule to better manage maintenance cost and technological efficiencies. These systems rely on the latest technology to take advantage of systems integration that provide the best possible end product, most efficient methodology for editing, and meet viewer visual expectations.

Impact of Non-Approval
Increase failure rates and maintenance costs.

Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	software and technical support
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$250,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$250,000	\$0	Grand Total \$250,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	software and technical support
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other Avid _____	\$2,500	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$2,500	\$0	Grand Total \$2,500

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	SMITH, MICHAEL D.			
		Created Date:	12/21/2015 9:51:33 AM			
Description	2019-20					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	SMITH, MICHAEL D.				
Amount: \$250,000		Created Date:	12/21/2015 9:51:33 AM				
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$250,000					\$250,000
Sub-Total:		\$250,000	\$0	\$0	\$0	\$0	\$250,000

Financing Source Options

Original Budget		Created By:	SMITH, MICHAEL D.	
Total Amount: \$250,000		Created Date:	12/21/2015 9:51:33 AM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
PEG (Public Educ Gov) Fund	100%	\$250,000		

Request #: 2016-00594

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Telecommunications Center
Project Title	Field Cameras - CitiCABLE
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	City Manager - Cable & Community Relations
Project Leader	SMITH, MICHAEL D.
Project Leader's Email	msmith@torranceca.gov
Project Start Date	07/01/2020
Estimated Completion Date	12/31/2021

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of existing field production television cameras.

Justification
Capturing quality images with durable and high quality cameras is important to the delivery of information to the community on CitiCABLE. The existing cameras will have met their life expectancy by 2020.

Impact of Non-Approval
Possible quality and efficiency loss. Increased maintenance cost.

Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$165,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$165,000	\$0	Grand Total \$165,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

7

Medium

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: SMITH, MICHAEL D.			
		Created Date: 12/21/2015 10:30:40 AM			
Description	2020-21	2021-22			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: SMITH, MICHAEL D.					
Amount: \$165,000		Created Date: 12/21/2015 10:30:40 AM					
Financing Source	Council Approved Date/Time	2020-21	2021-22	2022-23	2023-24	2024-25	Total
To Be Determined		\$165,000					\$165,000
Sub-Total:		\$165,000	\$0	\$0	\$0	\$0	\$165,000

Financing Source Options

Original Budget		Created By: SMITH, MICHAEL D.	
Total Amount: \$165,000		Created Date: 12/21/2015 10:30:40 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
PEG (Public Educ Gov) Fund	100%	\$165,000	

Request #: 2016-00599

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	City Council Chambers
Project Title	City Council TV Production Control Room, Cameras, Robotics
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	City Manager - Cable & Community Relations
Project Leader	SMITH, MICHAEL D.
Project Leader's Email	msmith@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	12/31/2018

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of existing television production control room equipment including graphics, switching, engineering, cameras, robotics, and support. Transition from standard definition to high definition.

Justification
Capturing quality images and sound in high definition is important to the transparent delivery of information to the community on CitiCABLE. The existing system will have met their life expectancy by 2016.

Impact of Non-Approval
Failure to replace system increases failure rate and less reliable content on channels. SD equipment is no longer being created and support is becoming increasingly limited.

Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$350,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$350,000	\$0	Grand Total <u> \$350,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

4

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: SMITH, MICHAEL D.			
		Created Date: 12/21/2015 11:08:29 AM			
Description	2017-18	2018-19			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: SMITH, MICHAEL D.					
Amount: \$350,000		Created Date: 12/21/2015 11:08:29 AM					
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$350,000					\$350,000
Sub-Total:		\$350,000	\$0	\$0	\$0	\$0	\$350,000

Financing Source Options

Original Budget		Created By: SMITH, MICHAEL D.	
Total Amount: \$350,000		Created Date: 12/21/2015 11:08:29 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Cable Comm Capital Project Fd	100%	\$350,000	

Request #: 2016-00601

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	City Council Chambers
Project Title	City Council Sound System
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	City Manager - Cable & Community Relations
Project Leader	SMITH, MICHAEL D.
Project Leader's Email	msmith@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2018

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of existing sound amplification system including speakers, mixer, wiring, amplifiers, distribution, microphones and switching.

Justification
Providing quality reliable amplified sound in the chambers is a high priority. The purpose of the chambers is to allow the legislative body to communicate with the general public. The ability to hear clearly what is being shared is highly desirable to maintain transparency.

Impact of Non-Approval
Failure to replace system increases failure rate and less reliable sound in the chambers as well as delivery to CitiCABLE for distribution on cable and broadcast channels.

Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$65,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$65,000	\$0	Grand Total \$65,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	SMITH, MICHAEL D.			
		Created Date:	12/21/2015 11:27:06 AM			
Description	2016-17	2017-18	2018-19			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Financing Source - Details

Original Budget		Created By:	SMITH, MICHAEL D.				
Amount: \$65,000		Created Date:	12/21/2015 11:27:06 AM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$65,000					\$65,000
Sub-Total:		\$65,000	\$0	\$0	\$0	\$0	\$65,000

Financing Source Options

Original Budget		Created By:	SMITH, MICHAEL D.	
Total Amount: \$65,000		Created Date:	12/21/2015 11:27:06 AM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
PEG (Public Educ. Gov) Fund	100%	\$65,000		

Request #: 2016-00602

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Cable
Project Title	Expand offices - CitiCable
Submitting Department	City Manager - Cable & Community Relations
Prepared By	SMITH, MICHAEL D.
Preparer's Email	msmith@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description
Enclose an existing 2nd floor exterior patio to create added office spaces
Justification
Increase in staffing has created a need for more space. The Office added one new full-time position, promoted one position to management, along with increases in interns. Post-production systems were combined with existing desktop positions, creating extended workdays for part-time personnel at each cubicle. Existing patio has not been utilized since the building was completed.
Impact of Non-Approval
crowded and inefficient use of work spaces
Other Alternatives Considered
n/a

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$115,000	_____	
Other <u>design</u>	\$23,500	_____	
Other <u>project management</u>	\$11,500	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$150,000	\$0	Grand Total <u> \$150,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/21/2015 2:39:18 PM			
Description	2016-17	2017-18			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$150,000		Created By: LANDIS, JONATHAN R.					
		Created Date: 12/21/2015 2:39:18 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$30,000	\$120,000				\$150,000
Sub-Total:		\$30,000	\$120,000	\$0	\$0	\$0	\$150,000

Financing Source Options

Original Budget Total Amount: \$150,000		Created By: LANDIS, JONATHAN R.	
Total Percentage: 100%		Created Date: 12/21/2015 2:39:18 PM	
Financing Source	Percent	Amount	
Cable Comm Capital Project Fd	100%	\$150,000	

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
COMMUNICATIONS AND INFORMATION TECHNOLOGY (CIT)
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2015-00519	5	Radio System Replacement	18-19	General Fund	\$ 400,000		70
			19-20	Radio Replacement	2,340,008		
			19-20	General Fund	1,297,492		
			20-21	Radio Replacement	237,303		
			20-21	General Fund	812,697		
			21-22	Radio Replacement	222,689		
			21-22	General Fund	2,222,311		
					<u>7,532,500</u>	\$ 540,000	
2016-00552	4	Replace Uninterrupted Power Supply (UPS)	19-20	General Fund	150,000	-	73
2016-00555	3	Fire Mobile Dispatch (SPOT) Replacement	17-18	General Fund	122,000	280	76
2016-00590	2	Accela Asset Management Expansion	17-18	General Fund	120,000		79
			17-18	Airport	16,200		
			17-18	Sanitation	80,600		
			17-18	Sewer	80,500		
			17-18	Street Lighting	32,000		
			17-18	Water	80,700		
					<u>410,000</u>	10,000	
TOTAL-CIT RECOMMENDED PROJECTS					\$ 8,214,500	\$ 550,280	

Type of Project	Equipment
Project Location	City-wide
Project Title	Radio System Replacement
Submitting Department	CIT - Communications
Prepared By	GALLO, ERNEST A.
Preparer's Email	egallo@torranceca.gov
Managing Department	CIT - Communications
Project Leader	GALLO, ERNEST A.
Project Leader's Email	egallo@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2022

Project Request Status	Proposed
Approved Project Status	

Description

Purchase and install portable/mobile radios, radio repeaters, interconnecting equipment and central controllers to replace existing infrastructure. Develop one or more new radio antenna tower sites, to include power generator and equipment shelter, to maintain radio coverage area. This request described costs related to both simple and complex future scenarios.

In the simple scenario, the project would replace aged equipment that lacks the features required by FCC mandate (i.e. narrowband, P25) and improved regional interoperability (i.e. trunking, digital).

In the complex scenarios, the project would create an entirely new radio system to maintain the current public safety and local government radio operations. The project could include system features to 1) abandon the current spectrum and move to a new independent allocation with all new equipment, 2) abandon the current spectrum and move to a new regional/shared allocation with all new equipment, 3) retain the current spectrum and upgrade equipment as necessary to join the ICIS JPA as a independent member, or 4) retain the current spectrum and upgrade equipment as necessary to join the ICIS JPA as a participant in a South Bay regional JPA.

Justification

The Middle Class Relief Act of 2012 included a provision that required certain radio spectrum to be publically auctioned in 2023 to offset other spectrum assigned for public safety use. The spectrum to be auctioned is currently licensed to the City for public safety and local government radio operations. Withdrawal from LA-RICS now requires that the City pursue its own spectrum solution rather than relying on LA-RICS's spectrum plans.

Possible legislative action may defer or cancel the spectrum auction requirement. This makes possible regional partnerships to share existing spectrum, combine system coverage, and achieve greater operational interoperability. Joining a regional partnership would require the replacement of the entire radio inventory to comply with a LA-RICS or ICIS style radio infrastructure.

Impact of Non-Approval

Loss of radio frequency spectrum requires the City to relocate all radio operations onto new spectrum by 2022. Much of the current radio inventory (field and fixed equipment) must be replaced to match the new spectrum. Depending on the spectrum obtained, additional radio sites will have to be identified and developed. Participation in ICIS or a ICIS-like JPA would likewise require the replacement of the current radio inventory.

If existing spectrum is retained and regional partnerships are formed, grant funding will only fund core and interconnecting equipment. This excludes all dispatch console and field equipment such as mobile and portable radios. Grant funding may also exclude updating legacy systems kept for local redundancy or special operations (i.e. HazMat, SWAT). Lack of funding to replace equipment not eligible for grant funding would prevent the City joining regional partnerships.

Other Alternatives Considered

None

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Depending on the scenario or options selected staff determined a possible \$5M to \$10M cost range. If the current law is repealed or the spectrum auction requirement is deleted, the project scope could be simpler and less costly (\$5M target). If we participate in ICIS or a ICIS-like organization and receive no grants, the the project scope would be complex and more costly (\$10M target). The compromise amounts shown at left are based on staff's best guess given the projected creation of a South Bay JPA (5+ members) that will join the ICIS JPA and qualify for grant funds.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	\$5,000,000	_____	
Materials	\$1,032,500	_____	
Professional Services/Contracts	\$1,500,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$7,532,500	\$0	Grand Total <u>\$7,532,500</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Additional Personnel Requirements	Within Department	Support Department	Comments
<input type="checkbox"/> Not Applicable			Professional Services are estimated based on the need to maintain select legacy radio channel and console systems.
# of positions	_____	_____	ICIS JPA Allocation is based on the prorated cost as South Bay JPA member to join the ICIS JPA. This includes membership fee, shared maintenance, and shared System Upgrade Agreement fees. Member costs would be set by the ICIS Board. South Bay JPA Allocation is based on the prorated cost to participate as a JPA member. This includes shared maintenance and shared System Upgrade Agreement costs. Member costs would be set by the JPA document and JPA Board. This section does not include any possible future offsetting revenue from subscriber or partner agencies participating in a possible ICIS-like JPA wherein Torrance is a host site. The previous FEAP to replace the dispatch consoles purchased 3 years of maintenance, but did not include recurring budget for subsequent years. The Professional Services entry includes the cost to establish the recurring budget to fund future contract support.
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$400,000	_____	
Other ICIS JPA Allocation	\$50,000	_____	
Other South Bay JPA Allocation	\$90,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$540,000	\$0	Grand Total <u>\$540,000</u>

Department Priority

5

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: GALLO, ERNEST A.			
		Created Date: 2/5/2015 10:48:29 AM			
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Survey/Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>				
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>				

Financing Source - Details

Original Budget		Created By: REYES, JOYCE I.					
Amount: \$7,532,500		Created Date: 4/27/2016 2:04:59 PM					
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined			\$400,000	\$3,637,500	\$1,050,000	\$2,445,000	\$7,532,500
Sub-Total:		\$0	\$400,000	\$3,637,500	\$1,050,000	\$2,445,000	\$7,532,500

Financing Source Options

Original Budget		Created By: REYES, JOYCE I.	
Total Amount: \$7,532,500		Created Date: 2/5/2015 1:26:44 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	63%	\$4,732,500	
Radio Comm Replacement Fd	37%	\$2,800,000	

Type of Project	Automation
Project Location	City Hall Data Center
Project Title	Replace Uninterrupted Power Supply (UPS)
Submitting Department	CIT - Info Technology
Prepared By	LEE, RYAN M.
Preparer's Email	ree@torranceca.gov
Managing Department	CIT - Info Technology
Project Leader	WANG, WILLIAM S.
Project Leader's Email	wwang@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	03/31/2020

Project Request Status	Proposed
Approved Project Status	

Description
The City has two uninterrupt power supply (UPS) units in the data center. The City's UPS units were purchased in February 2005 and approximately 15 years old in 2020 and will be in need of replacement.
Justification
The City has redundant uninterrupt power supply (UPS) units in the data center. The UPS protects critical servers, network equipment, and internet equipment from power fluctuations and power failures before the power generator turns on. Without the UPS, power issues may cause equipment failure, electrical overheating of computer components, and corrupt business data. Server, data, and network restoration due to hardware failures will require extensive time delays and downtime for business applications and internet access. The City is becoming more dependent on the internet for dispatching for Public Safety and Transit, email, emergency notifications, cloud applications, etc.
Impact of Non-Approval
Additional down time for systems and network if the units do not perform when power issues arise.
Other Alternatives Considered
None

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Replace two UPS units with installation services.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$140,000	_____	
Materials	_____	_____	
Professional Services/Contracts	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$150,000	\$0	Grand Total \$150,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

4

Medium

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	LEE, RYAN M.			
		Created Date:	12/15/2015 2:43:04 PM			
Description	2019-20					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	LEE, RYAN M.				
Amount: \$150,000		Created Date:	12/15/2015 2:43:04 PM				
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$150,000					\$150,000
Sub-Total:		\$150,000	\$0	\$0	\$0	\$0	\$150,000

Financing Source Options

Original Budget		Created By:	LEE, RYAN M.	
Total Amount: \$150,000		Created Date:	12/15/2015 4:52:38 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$150,000		

Type of Project	Automation
Project Location	City Hall
Project Title	Fire Mobile Dispatch (SPOT) Replacement
Submitting Department	CIT - Info Technology
Prepared By	LEE, RYAN M.
Preparer's Email	rlee@torranceca.gov
Managing Department	CIT - Info Technology
Project Leader	LEE, RYAN M.
Project Leader's Email	rlee@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2019

Project Request Status	Proposed
Approved Project Status	

Description	Replacement of the Fire mobile dispatch system - SPOT AVL. The Spot system handles fire vehicle emergency response, pre-plan and vehicle tracking. SPOT is a customized system developed for the City of Torrance by Radio Satellite Inc (RSI) RSI Inc. was acquired by CalAmp and has indicated they will no longer modify or enhance the SPOT AVL system. The City is reviewing a replacement system from Streetwise CADLink - Hangar14.
Justification	Fire mobile dispatch is an integral part for Fire emergency response. The system provides pre-plans for sites as the vehicle approaches the destination site, status coordination with dispatch, and vehicle GPS tracking. The existing vendor has indicated they will no longer enhance or upgrade the SPOT system and will eventually stop maintaining it. A new system is needed to continue improving response times and provide support to Fire emergency response before the existing system is no longer functional.
Impact of Non-Approval	Continue using existing system until it is no longer functional and return to manual processes until a new system is implemented.
Other Alternatives Considered	None

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Implementation for a new cloud based system and integratoin with the Spillman computer aided dispatch system. Professional services: - Cloud system implementation and interface \$50,000 - equipment installation \$10,000 Equipment: - Spillman Interface license \$50,000 - Tablets, vehcile cradles and mounts \$12,000
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$62,000	_____	
Materials	_____	_____	
Professional Services/Contracts	\$60,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$122,000	\$0	Grand Total <u> \$122,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Estimate Costs: - 18 frontline devices (including 2 spares), \$15 per device per month = \$3240/year. - Live CAD interface fee - \$45/mo per agency = \$540/year - Spillman interface annual maintenance \$10,000 Total \$13,780 - \$13,500 (existing SPOT AVL annual maintenance) = \$280
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$280	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$280	\$0	Grand Total <u> \$280</u>

Department Priority

3

Medium

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	LEE, RYAN M.			
		Created Date:	12/15/2015 4:01:40 PM			
Description	2017-18	2018-19				*
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	LEE, RYAN M.				
Amount: \$122,000		Created Date:	12/15/2015 4:01:40 PM				
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$122,000					\$122,000
Sub-Total:		\$122,000	\$0	\$0	\$0	\$0	\$122,000

Financing Source Options

Original Budget		Created By:	LEE, RYAN M.	
Total Amount: \$122,000		Created Date:	12/15/2015 4:43:35 PM	
Total Percentage: 100%				
Financing Source	Percent	Amount		
General Fund	100%	\$122,000		

Type of Project	Automation
Project Location	City Hall
Project Title	Accela Asset Management Expansion
Submitting Department	CIT - Info Technology
Prepared By	LEE, RYAN M.
Preparer's Email	rlee@torranceca.gov
Managing Department	CIT - Info Technology
Project Leader	LAVEY, STEPHEN C.
Project Leader's Email	slavey@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description	Expand the Accela Asset Management system to additional staff and enhance system functionality for Public Works and Community Services - Parks. Implement enhancements to the Accela system for permits, licenses, service requests and asset management.
Justification	<p>The original implementation project upgraded Public Works divisions already using the Maximo work management system. As the new Accela Asset management is in place additional automation can be expanded to other areas to take advantage of the electronic asset and work management system for efficiencies and strategic plan tracking. A consolidated system allows all departments to share information as needed.</p> <p>For Public Works, extend system to implement asset management for groups who currently only use the service request module. For Community Services - Parks, increase software licensing to allow more staff to access the existing system from the field. For all other department - implement enhancements to the existing system for permits, licenses, service requests and asset management.</p>
Impact of Non-Approval	Continue current and manual processes
Other Alternatives Considered	None

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	- Extending Implementation for 2-3 functional groups (PW streets, lighting, concrete) \$250,000 - Enhancements/maintenance of programming for system \$50,000 - Software licenses for Work order and mobile access (Parks, PW, others) \$50,000 (Asset + mobile licenses) plus first Year software maintenance for new licenses \$10,000 - Hardware (mobile devices) \$50,000
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	\$50,000	_____	
Materials	_____	_____	
Professional Services/Contracts	\$300,000	_____	
Other Software Licensing	\$60,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$410,000	\$0	Grand Total \$410,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	annual maintenance for Accela software licensing \$10,000
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$10,000	\$0	Grand Total \$10,000

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	LEE, RYAN M.			
		Created Date:	12/18/2015 3:58:21 PM			
Description	2017-18					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	LEE, RYAN M.				
Amount: \$410,000		Created Date:	12/18/2015 3:58:21 PM				
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$410,000					\$410,000
Sub-Total:		\$410,000	\$0	\$0	\$0	\$0	\$410,000

Financing Source Options

Original Budget		Created By:	LEE, RYAN M.	
Total Amount: \$410,000		Created Date:	12/18/2015 3:58:21 PM	
		Total Percentage: 101%		
Financing Source	Percent	Amount		
General Fund	29%	\$120,000		
Airport Fund	4%	\$16,200		
Sanitation Fund	20%	\$80,600		
Sewer Fund	20%	\$80,500		
Street Lighting Distr Cap Fd	8%	\$32,000		
Water Fund	20%	\$80,700		

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**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
COMMUNITY DEVELOPMENT
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCE	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECT							
2016-00557	1 Med	Airport Noise Monitoring Equipment Replacement	19-20	Airport	\$ 225,000	\$ 155,000	84
TOTAL-COMMUNITY DEVELOPMENT RECOMMENDED PROJECT					\$ 225,000	\$ 155,000	

Request #: 2016-00557

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Torrance Airport
Project Title	Airport Noise monitoring equipment replacement
Submitting Department	Community Development - Environmental Design/Conservation Code
Prepared By	CHUN, CAROLYN M.
Preparer's Email	cchun@torranceca.gov
Managing Department	Community Development - Environmental Design/Conservation Code
Project Leader	CESSNA, LINDA M.
Project Leader's Email	lcessna@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of noise monitoring equipment for Airport Noise
Justification
Equipment will be at end of useful life.
Impact of Non-Approval
Equipment failure & inability to operate Noise Abatement Center
Other Alternatives Considered
Maybe possible to stagger replacement

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	New equipment supplied and installed by vendor
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$200,000	_____	
Materials	_____	_____	
Professional Services/Contracts	\$25,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$225,000	\$0	Grand Total \$225,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	System software & maintenance/year
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$155,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$155,000	\$0	Grand Total \$155,000

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	CHUN, CAROLYN M.			
		Created Date:	12/16/2015 3:56:48 PM			
Description	2019-20					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	REYES, JOYCE I.				
Amount: \$225,000		Created Date:	3/24/2016 9:08:20 AM				
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$225,000					\$225,000
Sub-Total:		\$225,000	\$0	\$0	\$0	\$0	\$225,000

Financing Source Options

Original Budget		Created By:	CHUN, CAROLYN M.	
Total Amount: \$225,000		Created Date:	12/16/2015 4:11:07 PM	
		Total Percentage: 100%		
Financing Source		Percent	Amount	
Airport Fund		100%	\$225,000	

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
COMMUNITY SERVICES
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00568	2 High	New Chipper	16-17	General Fund	\$ 18,000	\$ -	98
2016-00573	2 High	Pool Tarp Replacement	16-17	General Fund	24,000	-	113
2016-00577	1 High	Bartlett Redesign Exercise/Fitness Room	16-17	General Fund	75,000	-	116
2016-00578	1 High	Exercise and Fitness Room Equipment-Bartlett Senior Center	16-17	Parks & Recr Facilities Fund	25,000	-	119
2016-00583	1 Med	Expansion & Education at Lago Seco Park Community Gardens	16-17	Parks & Recr Grant	40,000	-	122
2016-00587	1 High	Madrona Marsh Nature Center-Curation Lab	16-17	General Fund	40,000	-	125
2016-00588	1 High	Shower Installation-Madrona Marsh Nature Center	17-18	General Fund	25,000	1,200	128
2016-00589	3 Low	Computer Room Vent-Madrona Marsh Nature Center	17-18	General Fund	10,000	-	131
2016-00628	1 High	Turf Management Plan-City Sports Field	16-17	Parks & Recr Open Space Fund	97,000	4,300	137
2016-00630	1 High	Torrance Southern Tarplant Preserve	16-17	Prop 1 Grant	500,000	-	140
TOTAL-COMMUNITY SERVICES RECOMMENDED PROJECTS					\$ 854,000	\$ -	5,500

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
COMMUNITY SERVICES
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
DEFERRED PROJECTS							
2016-00556	1 Med	Library Security Upgrades	16-17	General Fund	\$ 21,500	\$ 11,500	89
2016-00560	1 High	Accela Equipment Implementation-Park System	16-17 17-18	General Fund General Fund	50,000 25,000 <u>75,000</u>	10,000	92
2016-00564	1 Med	Chain Link Fence Replacement-Wilson Park	18-19	General Fund	<u>135,000</u>	-	95
2016-00569	2 Med	Picnic Shelter Replacement/Walkway Improvements-Sunnyglen Park	20-21	General Fund	<u>450,000</u>	-	101
2016-00570	2 Low	Picnic Shelter Replacement -Walteria Park	16-17	General Fund	<u>95,000</u>	-	104
2016-00571	3 Med	Restroom Installation-Columbia Park	19-20	General Fund	<u>650,000</u>	-	107
2016-00572	2 Med	Cement Patio/Basketball Court-The ATTIC	16-17	Parks & Recr Facilities Fund	<u>43,310</u>	-	110
2016-00624	6 Low	McMaster Park Redevelopment Phase II	18-19 19-20	General Fund General Fund	100,000 900,000 <u>1,000,000</u>	-	134
TOTAL-COMMUNITY SERVICES DEFERRED PROJECTS					\$ 2,469,810	\$ 21,500	

Type of Project	Equipment
Project Location	Six Torrance Libraries (Katy Geissert, El Retiro, Henderson, North Torrance, Southeast, WALTERIA)
Project Title	Library Security Upgrades
Submitting Department	Community Services - Library
Prepared By	THEYER, HILLARY A.
Preparer's Email	htheyer@torranceca.gov
Managing Department	Community Services - Library
Project Leader	THEYER, HILLARY A.
Project Leader's Email	htheyer@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	02/28/2017

Project Request Status	Proposed
Approved Project Status	

Description
 Implementation of security cameras at six library facilities (seven cameras total), with server storage for one year. Implementation of the Patron Incident Tracking System (PITS) for all six library facilities.

Justification
 Public libraries are the hub of community activity, a place all can come free of charge, for individual learning or to be with their community in joint activities. This can, unfortunately, also attract undesirable activity from some people looking for vulnerable populations or soft targets.
 Library staff is trained to proactively respond to incidents and emergencies, and works closely with the Torrance Police Department to handle the variety of issues the public brings. The addition of two tools will increase the ability of the Library to identify the most significant or repeat causes of problems, and to be able to provide evidence toward prosecution or revocation of library privileges to the most serious offenders.
 Security cameras at the entrance to each facility, and one in the youth services area of the Katy Geissert Library, will capture images of those who use the building. This will be used in case of a crime or problem behavior, to identify someone the police need to interact with, or to connect problems across the six libraries. Many times, staff will suspect that they have someone in common causing problems, but based on vague descriptions from staff or witnesses cannot be certain it is the same person. A visual image of a face would allow staff to know if they have a common concern, and allow for more effective contact with the Torrance Police Department.
 A second tool is the Patron Incident Tracking System (PITS). This is in use in two other libraries in California, developed for the Berkeley Public Library and now in use at the Contra Costa County Library. Currently, Library staff files incident reports on paper, on a MSWord form, in an email, or most recently using the City's survey software. In calendar year 2015, staff have filed 65 Incident Reports, among them were 25 altercations, 8 injuries, and one theft. There were 42 in 2014, 70 in 2013, and 69 in 2012. Incident reports have been requested by the public, used in assessing situations with Risk Management, and used in conjunction with the City Attorney's office for prosecutions.
 These reports vary in format and detail. Reports are all sent to Library Administration, where they are read, any follow up action is taken, and the reports are then filed by location, date, and type of incident. Staff cannot search across reports or easily compile summaries. Implementation of the PITS software for incident reporting and tracking would enable searching and compiling reports across libraries and by such fields as patron description or type of problem. This would allow tracking of trends internally, or searching for a common source or occurrence.
 Both the camera footage and the PITS reports would be handled with instruction from the Torrance Police Department and the City Attorney's Office, with proper notification to the public, and following all public records requests procedures.

Impact of Non-Approval
 Library staff currently manages incidents by use of training, and referral to other agencies as needed. The Katy Geissert Civic Center Library has a single security guard only for a portion of the hours open, and the branch libraries share a single Park Ranger "after school patrol" during the school year only. Patrons, even those alleging a crime committed against them, are often very reluctant to call the Torrance Police Department. Physical descriptions, even if many people saw the same person, are often too vague to be useful or to determine if we are looking for the same person across multiple libraries. Incident reports are filed by location, and not tracked unless staff notices a repeat problem, then pulling and reading them all is the only way to search for patterns. Library staff cannot compel identification from patrons, unless there is reason to get Torrance Police involved.
 If not approved, Library staff will continue to do their best with the tools in hand, training and support from the Torrance Police Department, and the current budget for security guard service.

Other Alternatives Considered
 Creation and maintenance of an in-house searchable database of incident reports involves staff time and expertise we do not have.
 The Library staff is researching a more proactive method of restricting library privileges for repeat offenders, and resources other than calling the Torrance Police Department for enforcement. A majority of these initiatives will require more accurate incident reporting and tracking, along with accurate identification of subjects. Adding security cameras and upgrading the incident report tracking will enable the policies to be enforceable.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	PITS system set up includes custom configuration and permissions. This is a one time fee. Purchase and installation of seven security cameras, presuming IT lines are in place. Based on quote from JMG Security. LAN and telcom work to get connections to seven security camera sites will vary with each location. All buildings have LAN, electrical in the building, but may need cabling, conduit, etc.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other PITS system set up	\$1,500	_____	
Other purchase/install 7 security cameras	\$15,000	_____	
Other LAN, telcom work for cameras to 7 locations	_____	\$5,000	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$16,500	\$5,000	Grand Total <u> \$21,500</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			
# of positions	_____	_____	LAN ongoing costs based on what a LAN connection costs Library today. PITS price is per year, cloud hosted, encrypted transmission of reports, includes all software upgrades and maintenance.
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other LAN to cameras ongoing	_____	\$8,000	
Other PITS (cloud hosted)	_____	\$3,500	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$11,500	Grand Total <u> \$11,500</u>

Department Priority

1

Medium

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	THEYER, HILLARY A.			
		Created Date:	12/16/2015 12:17:10 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	THEYER, HILLARY A.				
Amount: \$21,500		Created Date:	12/16/2015 12:17:10 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$21,500					\$21,500
Sub-Total:		\$21,500	\$0	\$0	\$0	\$0	\$21,500

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$21,500		Created Date:	12/18/2015 9:57:06 AM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$21,500		

Request #: 2016-00560

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Automation
Project Location	Park System
Project Title	Accela Equipment Implementaton
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2019

Project Request Status	Proposed
Approved Project Status	

Description
Facilitate the Accela implementation through the purchase of equipment needed to maximize the new work order system. Parks Services envisions using tablets or ipads in the field to enhance work flow, communication, and information tracking.

Justification
Accela is a powerful asset management system that will require investment in electronic infrastructure and software. Project can be phased based on funding, training, and the integration of the new system into the day to day work flow.

Impact of Non-Approval
If equipment and software licences are not purchased for field use, the benefits of the asset management system will not be fully utilized.

Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	It is anticipated that the tablets would be distributed to the manager, supervisors, and 14 Lead Maintenance Workers with two spares over the course of two years. At year three, the Division's needs will be evaluated to determine the best distribution of the equipment.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$75,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$75,000	\$0	Grand Total \$75,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$10,000	\$0	Grand Total \$10,000

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: ORPE, ANDREW S.			
		Created Date: 12/18/2015 10:09:39 AM			
Description	2016-17	2017-18	2018-19		
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: ORPE, ANDREW S.					
Amount: \$75,000		Created Date: 12/18/2015 10:09:39 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$50,000	\$25,000				\$75,000
Sub-Total:		\$50,000	\$25,000	\$0	\$0	\$0	\$75,000

Financing Source Options

Original Budget		Created By: ORPE, ANDREW S.	
Total Amount: \$75,000		Created Date: 12/18/2015 10:23:15 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$75,000	

Type of Project	Facilities
Project Location	Charles H. Wilson Park
Project Title	Chain Link Fence Replacement
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2019

Project Request Status	Proposed
Approved Project Status	

Description

This project will encompass the replacement of all fencing on the south perimeter of Wilson Park. There is a 6' chain link fence running 2,000 feet from Crenshaw Blvd. east to the Live Steamers facility on the north side of the easement. There is also chain link fencing on the south side of the easement which borders the school district maintenance yard (1110 ft of 8'), 170 feet of 6' chain link bordering the baseball field and 720 feet of chain 8' link fence adjacent to the SCROC parking lot and facility.

Justification

These sections of chain link fencing are in a state of disrepair and have become a hazard to users of the park and users of the live steamer train ride facility. Sections of fencing are falling down or leaning over, have parts missing, have exposed barbed or razor wire, are unsightly and overdue for replacement.

Impact of Non-Approval

Non-approval is not a solution as this fencing is extremely hazardous in its current condition. Liability alone is a reason for replacement.

Other Alternatives Considered

No other alternatives can be considered.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$135,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$135,000	\$0	Grand Total \$135,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority	1	Medium	
Recommendation			
		Recommendation Last Changed	
		Operator	
		Date/Time	1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 12:41:47 PM			
Description	2018-19					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$135,000		Created Date:	12/18/2015 12:41:47 PM				
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$135,000					\$135,000
Sub-Total:		\$135,000	\$0	\$0	\$0	\$0	\$135,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$135,000		Created Date:	12/18/2015 12:44:56 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$135,000		

Request #: 2016-00568

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Various Parks
Project Title	New Chipper
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
New Model Vermeer BC 700XL (Chipper)
Justification
This piece of equipment will save time and money. The branches and trimming will be mulched and we will be able to use in our parks around shrub beds and fallow areas. Less trips to the dump which saves on fuels costs and wear and tear on vehicles as well as dumping costs and man hours.
Impact of Non-Approval
Current equipment means loads are handled twice. New equipment would be safer than current stock. Newer equipment would reduce carbon foot print.
Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Vermeer BC 700XL (Chipper)
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$18,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$18,000	\$0	Grand Total \$18,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 1:05:29 PM			
Description	2016-17					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$18,000		Created Date:	12/18/2015 1:05:29 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$18,000					\$18,000
Sub-Total:		\$18,000	\$0	\$0	\$0	\$0	\$18,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$18,000		Created Date:	12/18/2015 1:12:15 PM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
General Fund	100%	\$18,000		

Request #: 2016-00569

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Sunnyglen Park
Project Title	Picnic Shelter Replacement/Walkway Improvements
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	07/01/2020
Estimated Completion Date	12/31/2020

Project Request Status	Proposed
Approved Project Status	

Description
The picnic shelter at Sunnyglen Park has over the course of many years, begun to sink into the soil giving the shelter a visible slant. If the shelter continues to move it will most likely at some point, be necessary to close it, leaving this park and its patrons without a picnic shelter to use.

Justification
The soil under this picnic shelter is settling. As a result of this, the picnic shelter has sunk making one side lower than the other. Staff over the years have had to cut back the eaves so that people using this shelter wouldn't walk into them.

Impact of Non-Approval
At some point, if this shelter is not replaced, its removal will be necessary. This will leave Sunnyglen Park without a picnic shelter and its patrons without a place to utilize for various celebrations.

Other Alternatives Considered
Removing this picnic shelter and not replacing it with concrete pads and picnic tables/barbecues.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$450,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$450,000	\$0	Grand Total \$450,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority 2 Medium

Recommendation Recommendation Last Changed

Operator

Date/Time 1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: ORPE, ANDREW S.	
		Created Date: 12/18/2015 1:14:55 PM	
Description	2020-21		
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: ORPE, ANDREW S.	
Amount: \$450,000		Created Date: 12/18/2015 1:14:55 PM	
Financing Source	Council Approved Date/Time	2020-21	2021-22
To Be Determined		\$450,000	
Sub-Total:		\$450,000	\$0

Financing Source Options

Original Budget		Created By: ORPE, ANDREW S.	
Total Amount: \$450,000		Created Date: 12/18/2015 1:18:10 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$450,000	

Request #: 2016-00570

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Walteria Park
Project Title	Picnic Shelter Replacement
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	10/01/2016
Estimated Completion Date	12/31/2016

Project Request Status	Proposed
Approved Project Status	

Description
Remove and replace the existing picnic shelter that is deteriorating with a larger shelter that can accommodate larger user groups.
Justification
This picnic shelter is in a state of advanced deterioration. The steel support posts have areas that have rotted completely through and will require removal in the near future.
Impact of Non-Approval
If this picnic shelter is not replaced, its removal will be necessary leaving Walteria Park short of a usable picnic area.
Other Alternatives Considered
Remove the structure; leave the concrete pad with picnic tables. There would be no shade to picnic under, reducing the available shaded picnic space.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$95,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$95,000	\$0	Grand Total \$95,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)



Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

2

Low

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 1:19:28 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$95,000		Created Date:	12/18/2015 1:19:28 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$95,000					\$95,000
Sub-Total:		\$95,000	\$0	\$0	\$0	\$0	\$95,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$95,000		Created Date:	12/18/2015 1:22:48 PM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
General Fund	100%	\$95,000		

Request #: 2016-00571

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Columbia Park
Project Title	Restroom Installation
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	08/01/2019
Estimated Completion Date	12/31/2019

Project Request Status	Proposed
Approved Project Status	

Description

New men's/women's restroom with additional storage for supplies and small equipment to service Columbia Park.

Justification

Columbia Park is one of the heaviest used parks for multiple field sports especially soccer. The one restroom facility currently available is small and can't adequately handle the large volume of people that now participate in soccer, rugby, lacrosse, football, etc. The wait time for the current restroom is excessive requiring port-a-potties to be placed. A new restroom facility will alleviate the participants wait time and reduce the inconvenience of walking half way across Columbia Park to use the restroom facility rather than the port-a-potties.

Impact of Non-Approval

Patrons wait times for the restroom will increase with increased park usage.

Other Alternatives Considered

Placing more port-a-potties would be the alternative to building a new restroom facility.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$650,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$650,000	\$0	Grand Total \$650,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 1:24:21 PM			
Description	2019-20					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$650,000		Created Date:	12/18/2015 1:24:21 PM				
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$650,000					\$650,000
Sub-Total:		\$650,000	\$0	\$0	\$0	\$0	\$650,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$650,000		Created Date:	12/18/2015 1:29:02 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$650,000		

Request #: 2016-00572

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	The ATTIC
Project Title	Cement Patio/Basketball Court
Submitting Department	Community Services - Recreation Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Recreation Services
Project Leader	BRUNETTE, RICHARD A.
Project Leader's Email	rbrunette@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
The ATTIC courtyard and basketball court has broken and uneven concrete/brick which is a risk to facility uses during open hours and special events.

Justification
Cement patio activity area and basketball court is cracked and needs replacement to prevent injury.

Impact of Non-Approval
Potential injury due to trip and fall.

Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	[Empty Comments Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$43,310	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$43,310	\$0	Grand Total \$43,310

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			
# of positions	_____	_____	[Empty Comments Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

2

Medium

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 1:37:21 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$43,310		Created Date:	12/18/2015 1:37:21 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$43,310					\$43,310
Sub-Total:		\$43,310	\$0	\$0	\$0	\$0	\$43,310

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$43,310		Created Date:	12/18/2015 1:37:21 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
Parks & Recr Facilities Fund	100%	\$43,310		

Request #: 2016-00573

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Benstead Plunge
Project Title	Pool Tarp Replacement
Submitting Department	Community Services - Recreation Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Recreation Services
Project Leader	BRUNETTE, RICHARD A.
Project Leader's Email	rbrunette@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2016

Project Request Status	Proposed
Approved Project Status	

Description
New tarps for pool to retain heat and chemical evaporation overnight.
Justification
Current tarps nearing their end of usable life. Tarps provide significant cost savings in lost heat/chemicals on the pool at night.
Impact of Non-Approval
Heating costs will rise when tarps are no longer useable.
Other Alternatives Considered
Paying increase heating cost rather than the expense of replacing the tarps.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Comments Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$24,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$24,000	\$0	Grand Total <u> \$24,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Comments Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

2

High

Recommendation

[Empty Box]

Recommendation Last Changed

Operator

[Empty Box]

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 2:04:37 PM			
Description	2016-17					*
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$24,000		Created Date:	12/18/2015 1:44:15 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$24,000					\$24,000
Sub-Total:		\$24,000	\$0	\$0	\$0	\$0	\$24,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$24,000		Created Date:	12/18/2015 2:04:38 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$24,000		

Request #: 2016-00577

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Bartlett Senior Center
Project Title	Bartlett Redesign Exercise/Fitness Room
Submitting Department	Community Services - Recreation Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Recreation Services
Project Leader	BRUNETTE, RICHARD A.
Project Leader's Email	rbrunette@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description	Remove at least 2 shuffleboard courts from their current room and turn the room into a Senior Fitness Exercise Room.
Justification	Need fitness areas for current and future senior population.
Impact of Non-Approval	Senior Center has underutilized area that can be re-purposed.
Other Alternatives Considered	None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$75,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$75,000	\$0	Grand Total \$75,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By: ORPE, ANDREW S.			
		Created Date: 12/18/2015 2:12:43 PM			
Description					
~/Checkbox-checked.bmp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
~/Checkbox-checked.bmp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
~/Checkbox-checked.bmp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$75,000		Created By: REYES, JOYCE I.					
		Created Date: 4/29/2016 12:11:06 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$75,000					\$75,000
Sub-Total:		\$75,000	\$0	\$0	\$0	\$0	\$75,000

Financing Source Options

Original Budget Total Amount: \$75,000		Created By: ORPE, ANDREW S.	
Total Percentage: 100%		Created Date: 12/18/2015 2:12:43 PM	
Financing Source	Percent	Amount	
General Fund	100%	\$75,000	

Request #: 2016-00578

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Bartlett Senior Center
Project Title	Exercise and Fitness Room Equipment
Submitting Department	Community Services - Recreation Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Recreation Services
Project Leader	BRUNETTE, RICHARD A.
Project Leader's Email	rbrunette@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
Purchase fitness equipment for Senior exercise room.
Justification
Senior fitness programming is needed in Torrance and current multiple shuffleboard courts are unused and unavailable for programming.
Impact of Non-Approval
Room will remain unused.
Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	10 Exercise Stations at \$2,500
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$25,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$25,000	\$0	Grand Total \$25,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By: ORPE, ANDREW S.			
		Created Date: 12/18/2015 2:17:33 PM			
Description					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
~/Checkbox-checked.bmp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: REYES, JOYCE I.					
Amount: \$25,000		Created Date: 4/29/2016 12:12:13 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$25,000					\$25,000
Sub-Total:		\$25,000	\$0	\$0	\$0	\$0	\$25,000

Financing Source Options

Original Budget		Created By: ORPE, ANDREW S.	
Total Amount: \$25,000		Created Date: 12/18/2015 2:21:29 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Parks & Recr Facilities Fund	100%	\$25,000	

Request #: 2016-00583

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Community Gardens--Lago Seco Park
Project Title	Expansion and Education at Lago Seco Park Community Gardens
Submitting Department	Community Services - Cultural Arts
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Cultural Arts
Project Leader	RAPPOPORT, EVE J.
Project Leader's Email	erappoport@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
Create more garden plots and a central education space.
Justification
Need to cut down waiting lists and provide gardening education to community.
Impact of Non-Approval
Waiting list will be long and spaces at the Community Gardens will continue to remain fallow without an active user participating in the project.
Other Alternatives Considered
Application for Go Grant Funding to assist with the project.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$40,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$40,000	\$0	Grand Total \$40,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority	1	Medium
Recommendation		
Recommendation Last Changed		
Operator		
Date/Time	1/1/1900 12:00:00 AM	

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 2:54:49 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$40,000		Created Date:	12/18/2015 2:52:46 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$40,000					\$40,000
Sub-Total:		\$40,000	\$0	\$0	\$0	\$0	\$40,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$40,000		Created Date:	12/18/2015 2:59:35 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
Parks & Recreation Grants	100%	\$40,000		

Type of Project	Facilities
Project Location	Fume Hood Installation
Project Title	Madrona Marsh Nature Center-Curation Lab
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	DRAKE, TRACY E.
Project Leader's Email	tdrake@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	08/01/2016

Project Request Status	Proposed
Approved Project Status	

Description
 The fume hood includes a work table and hood that vents to the outside of the building. It is used when working with chemicals requiring ventilation.

Justification
 The curation lab was built without ventilation. Staff do many projects with science fair students who use chemicals. The chemicals are often required to be used in a well ventilated area. Currently, the only active ventilation is opening the lab door. It would be safer to have the students work directly under a ventilation hood and the air vented through the roof.

Impact of Non-Approval
 The programs will continue to work without adequate ventilation.

Other Alternatives Considered
 Side venting to the north wall may be an option, but might be more costly.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$40,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$40,000	\$0	Grand Total <u> \$40,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 3:38:31 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$40,000		Created Date:	12/18/2015 3:37:24 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$40,000					\$40,000
Sub-Total:		\$40,000	\$0	\$0	\$0	\$0	\$40,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$40,000		Created Date:	12/18/2015 3:44:52 PM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
General Fund	100%	\$40,000		

Request #: 2016-00588

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Madrona Marsh Nature Center
Project Title	Shower Installation
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	DRAKE, TRACY E.
Project Leader's Email	tdrake@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description
Convert a janitors closet to a unisex shower room.
Justification
Currently, there is no way to clean oneself at the Nature Center. Often, staff and volunteers are working on the land which is dusty, dry, dirty work. Staff often need to change clothes in order to go to meetings and run the center, but a shower would enable staff to maintain a professional appearance.
Impact of Non-Approval
No impact.
Other Alternatives Considered
Installation of a large sink.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$25,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$25,000	\$0	Grand Total <u> \$25,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$1,200	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$1,200	\$0	Grand Total <u> \$1,200</u>

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 3:46:56 PM			
Description	2017-18					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$25,000		Created By:	ORPE, ANDREW S.				
		Created Date:	12/18/2015 3:46:06 PM				
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$25,000					\$25,000
Sub-Total:		\$25,000	\$0	\$0	\$0	\$0	\$25,000

Financing Source Options

Original Budget Total Amount: \$25,000		Total Percentage: 100%	Created By:	ORPE, ANDREW S.	
			Created Date:	12/18/2015 3:46:56 PM	
Financing Source	Percent	Amount			
General Fund	100%	\$25,000			

Request #: 2016-00589

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Madrona Marsh Nature Center
Project Title	Computer Room Vent
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	DRAKE, TRACY E.
Project Leader's Email	tdrake@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	09/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
Vent on the wall of the Nature Center Computer Room.
Justification
In summer, the computer room can get to over 100 degrees which causes problems with the computers overheating.
Impact of Non-Approval
Continue to have issues with the computers in the computer lab due to overheating.
Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Comments Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$10,000	\$0	Grand Total \$10,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Comments Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 3:53:36 PM			
Description	2017-18					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$10,000		Created Date:	12/18/2015 3:52:38 PM				
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$10,000					\$10,000
Sub-Total:		\$10,000	\$0	\$0	\$0	\$0	\$10,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$10,000		Created Date:	12/18/2015 4:19:27 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$10,000		

Type of Project	Facilities
Project Location	McMaster Park
Project Title	McMaster Park Redevelopment Phase II
Submitting Department	Community Services - Admin
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Admin
Project Leader	MINTER, JASON R.
Project Leader's Email	jminter@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description
 Project scope: Renovation of the Park restrooms and ballfield lights, and addition of a walking path around the ballfield, a 50 person picnic area/gazebo, and increased parking

Justification
 This project will renovate the southern portion of the park, including the area now occupied by the north Torrance water tank. The water tank is expected to be removed by 2018, or during the completion of the North Torrance Wellfield Project. Once the well is removed, additional parking stalls and a picnic area will take its place. There will also be improvements to the park restrooms by the ballfield, improvements to the ballfield lights, including additional light poles and an automatic light control system. The final component would be a walking path to connect the park around the ballfield.

Impact of Non-Approval
 Removal of the water tank provides an opportunity to maximize unused space and renovate the surrounding park land for optimum recreational use.

Other Alternatives Considered
 None

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions _____	_____	_____	As of 2016: Design: \$100,000 Lighting Enhancements: \$250,000 Restroom Renovation: \$150,000 Picnic Area: \$150,000 Walking Path: \$300,000 Other Expenses: \$50,000
Labor costs (Comp Detail Report-Total) _____	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment _____	_____	_____	
Materials _____	_____	_____	
Professional Services/Contracts _____	\$1,000,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$1,000,000	\$0	Grand Total \$1,000,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions _____	_____	_____	
Annual Labor costs (Comp Detail Report-Total) _____	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment _____	_____	_____	
Materials _____	_____	_____	
Professional Services/Contracts _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed:

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By: ORPE, ANDREW S.			
		Created Date: 3/30/2016 3:54:20 PM			
Description	2018-19	2019-20			
Survey/Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: ORPE, ANDREW S.					
Amount: \$1,000,000		Created Date: 3/30/2016 3:54:20 PM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$100,000	\$900,000				\$1,000,000
Sub-Total:		\$100,000	\$900,000	\$0	\$0	\$0	\$1,000,000

Financing Source Options

Original Budget		Created By: REYES, JOYCE I.	
Total Amount: \$1,000,000		Created Date: 3/30/2016 4:28:21 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$1,000,000	

Type of Project	Facilities
Project Location	Columbia and McMaster Parks
Project Title	Turf Management Plan--City Sports Fields
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	CARSON, ROBERT S.
Project Leader's Email	rcarson@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2019

Project Request Status	Proposed
Approved Project Status	

Description

The goal of the Turf Management Plan is to provide sustainable sports field turf that is thick, green and healthy. The plan evaluates the quality of the turf using nationally recognized methodologies, manages the compaction and wear rates each week, and implements industry leading agronomic practices. During this phase of the project, Columbia and McMaster parks will be serviced using the Plan methodologies with the inclusion of additional parks as funding and resources become available.

Justification

The City of Torrance currently has 33 parks totaling 275 acres. Of this total park acreage, 165 acres is general park turf. This turf offer's visitors a variety of recreational opportunities. Turf provides a forgiving and resilient surface for many recreational activities and is the traditional "green carpet" visitor's associate with parks.

With the birth of organized field sports i.e. AYSO, Football, Lacrosse, Rugby, etc., the demand for use of parks as sports fields has increased year on year. In response to this need, the City has designated a handful of parks as sports fields. Our sports fields account for 18% of the overall park turf area, but are the most frequently used and most heavily programmed park areas. The excessive wear and compaction resulting from over use has resulted in poor quality sports turf. In addition, the Parks Services Divison cannot keep up with the user demand using general park area horticultural practices. Through this project, Parks Services will implement a new open space maintenance strategy to enhance sports field quality and improved operational practices.

Impact of Non-Approval

Significant strides have been achieved in the turf renovation of Columbia Park prior to the 2014 AYSO National tournament. Likewise, McMaster Park's recent overall park renovation improved the turf levels to meet the standards in the current Turf Management Plan. If the practices in the Plan are not implemented, the City is at risk of losing those investments over time to high wear rates, soil compaction, and over programming.

Other Alternatives Considered

Additional turf maintenance services have been considered such as laser leveling, top dressing, and overseeding, but will not have a long term affect on the troubles areas.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Bagging Mower at \$32,000 Pick Up Truck at \$40,000 Trailer at \$25,000
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	\$97,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$97,000	\$0	Grand Total \$97,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other Annual replacement	\$4,300	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$4,300	\$0	Grand Total \$4,300

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: ORPE, ANDREW S.			
		Created Date: 4/19/2016 2:33:21 PM			
Description	2016-17	2017-18	2018-19		
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: ORPE, ANDREW S.					
Amount: \$97,000		Created Date: 4/19/2016 2:33:21 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$97,000					\$97,000
Sub-Total:		\$97,000	\$0	\$0	\$0	\$0	\$97,000

Financing Source Options

Original Budget		Created By: ORPE, ANDREW S.	
Total Amount: \$97,000		Created Date: 4/19/2016 4:51:21 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Parks & Recr Open Space Fund	100%	\$97,000	

Request #: 2016-00630

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Torrance Transit Park and Ride Regional Terminal
Project Title	Torrance Southern Tarplant Preserve
Submitting Department	Community Services - Park Services
Prepared By	
Preparer's Email	aorpe@torranceca.gov
Managing Department	Community Services - Park Services
Project Leader	DRAKE, TRACY E.
Project Leader's Email	tdrake@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2020

Project Request Status	Pending
Approved Project Status	

Description

The City of Torrance was granted \$500,000 to create a Southern Tarplant Preserve located on two acres at the Torrance Regional Transportation Facility. The Preserve will include the planting of 2,900 Southern Tarplant and other native species. As part of the Environmental and Enhancement Mitigation program that protects endangered species, the new plantings supplement existing tarplants found on the site. The Southern Tarplant is rated as a California Rare Plant and is considered a plant threatened with extinction.

Justification

An environmental study of the potential Torrance Transit Center discovered a thriving population of Southern Tarplants on the proposed terminal site. This property was formerly a PPG paint factory and has been dormant for 30 years. No industrial activity has occurred at the site since the closing of the factory. Originally, the City of Torrance intended to devote the entire 15 acre site to the Transit Terminal and supporting retail developments, but the discovery of the Tarplants altered the plan.

CEQA mitigation requires that a portion of the site must be left undeveloped to protect the Southern Tarplant. The Preserve will occupy a triangular corner in the northwestern portion of the site. The work to establish it will require removal of invasive, exotic species, and replanting with native species.

Impact of Non-Approval

CEQA rules prevent building without considering the impact on endangered species.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Grant has an inkind match of 19% of project total (\$139,000) coming from the Madrona Marsh annual Operating Budget over the active period of the grant. City will provide labor and equipment form Park Services operating costs.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	\$70,100	_____	
Professional Services/Contracts	\$428,900	_____	
Other Permits and Fees	\$1,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$500,000	\$0	Grand Total \$500,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	4/25/2016 2:27:19 PM			
Description	2016-17	2017-18	2018-19	2019-20		
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$500,000		Created Date:	4/25/2016 2:27:19 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$500,000					\$500,000
Sub-Total:		\$500,000	\$0	\$0	\$0	\$0	\$500,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$500,000		Created Date:	4/25/2016 2:54:45 PM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
Prop 1 Grant	100%	\$500,000		

PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)

FIRE
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMEND ED AMT	ONGOING COSTS	PAGE #
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RECOMMENDED PROJECTS

2016-00534 FEAP848	1 Med	Replacement of 3 Fire Engines	17-18	Fire Apparatus Replacement Fund	43,628	-	153
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This project has previously approved budget of \$1,830,000 (FY14-15 of \$588,523 and FY16-17 of \$1,241,477). Department is requesting an additional \$43,628 bringing the project total to \$1,873,628

2016-00535	5 Med	Replacement of 2 Fire Engines & 1 Fire Truck	20-21	Fire Apparatus Replacement Fund	2,509,767	-	159
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2016-00543	1 High	Replacement of monitor/defibrillators	16-17 17-18	General Fund General Fund	270,000 236,581	101,316	171
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TOTAL-FIRE RECOMMENDED PROJECTS \$ 3,059,976 \$ 101,316

PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
FIRE
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMEND ED AMT	ONGOING COSTS	PAGE #
DEFERRED PROJECTS							
2012-00304 FEAP302	2 High	Fire Station 4 Remodel	16-17	General Fund	1,020,400	-	145
		This project has previously approved budget of \$314,600. Department is requesting an additional \$1,020,400 bringing the project total to \$1,335,000					
2016-00536	3 Med	Fire Station 5 Lawn Removal	16-17	General Fund	21,000	-	162
2016-00539	4 High	Replacement of the Hazmat and Air & Lighting Vehicles with One Vehicle	16-17	General Fund	732,000	-	165
			16-17	Fire Apparatus Replacement Fund	68,000	-	
					<u>800,000</u>		
2016-00542	6 Med	Replacement and Additional Installations of Opticoms	16-17	General Fund	46,742	-	168
TOTAL-FIRE DEFERRED PROJECTS					\$ 1,888,142	\$ -	

**Request #: 2012-00304
FEAP302**

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Fire Station 4
Project Title	Fire Station 4 Remodel
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	General Services - Admin
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	05/23/2006
Estimated Completion Date	12/31/2017

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST-\$1,020,400
 This is a re-submittal of the 2011-12 renovation proposal, total cost \$1,335,000

Since the property for station 7 new construction is no longer available, the Fire Department requests that the approved funding for Station 7 is added to Station 4 project.

The original scope of this project was remodel of existing station bathrooms and dormitories, by reconstructing the current one-950 sq. ft. bedroom into five bedrooms and adding one women's bath and one laundry room on the 128 sq. ft. area where currently are the locker rooms.

This project was approved in 2006 with a budget of \$314,600 and was postponed for several years. In 2008-09, the cost was updated to \$665,000, however the project did not go forward due to lack of funds.

In FY 2011-12, a renovation of the facility for a similar scope as Fire Station 3 was proposed. The remodel includes adding and extending the existing bays to hold 4 vehicles; relocating the exterior wall west of the building, additional paving and storage facility for a total cost of \$1,335,000.

This is Part of the station remodel plan scheduling stations for remodel as follows:
 Station 2 – completed
 Station 3 – completed
 Station 5 – completed
 Station 4 – is being proposed for FY 2016-17
 Station 1 – new construction is being proposed for FY 2018-19
 Station 6 – already has female sanitary and washing facilities

Justification

To provide sanitary and washing facilities for female firefighters required by California Code of Regulations, Title 8, Sections 3364 and 3366 as well as make the restrooms ADA compliant for access by public.
 This station has not been remodeled since its construction 58 years ago (1955).

Impact of Non-Approval

The station will remain non-conforming to the California Code of Regulations, Title 8, Sections 3364 and 3366 and short of meeting the department's apparatus and storage needs.

Other Alternatives Considered

The alternatives that have been considered were described in the Project Description section.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Updated cost estimate provided by General Services on November 7, 2011. Fire Station #4 estimate is \$ 1,260,000 the estimate is based on the following - renovation of the facility for a similar scope as Fire Station #3 - adding and extending the existing bays to hold 4 vehicles - relocating the exterior wall west of the building - additional paving - storage facility building 725,000 add & extend bays 100,000 retaining wall (demo/rebuild) 100,000 paving (+/- 5000 sf) 75,000 storage facility (500 sf) 50,000 1,050,000 PM (10%) 105,000 contingency (10%) 105,000 \$ 1,260,000 \$75,000 added for design
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	\$1,050,000	_____	
Professional Services/Contracts	\$75,000	_____	
Other 10% Project Management Fee	\$105,000	_____	
Other 10% Contingency	\$105,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$1,335,000	\$0	Grand Total \$1,335,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation Recommendation Last Changed
 Operator
 Date/Time

Initial Funding
 Council or City Manager Approval Date
 Council or City Manager Approval Item
 Council or City Manager Approval Amount

Project Timeline

Timeline after Revision 3		Created By: MILEVA, NELI G.			
		Created Date: 12/10/2015 11:19:55 AM			
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2010-11	2013-14	2014-15	2015-16	2016-17
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Description	2005-06	2006-07	2007-08	2008-09	2009-10
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 3					
Description	2016-17	2017-18			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 3					
		Created By: MILEVA, NELI G.			
		Created Date: 2/4/2013 3:20:55 PM			
Description	2010-11	2013-14	2014-15	2015-16	2016-17
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2005-06	2006-07	2007-08	2008-09	2009-10
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2005-06	2006-07	2007-08	2008-09	2009-10
Survey/Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 2					
		Created By: MILEVA, NELI G.			
		Created Date: 11/7/2011 5:08:47 PM			
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2006-07	2007-08	2008-09	2009-10	2010-11
Purchase/Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2013-14	2014-15	2015-16	2016-17	2017-18
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline Created By: REYES, JOYCE I.
Created Date: 3/16/2009 9:33:31 AM

Description	2006-07	2007-08	2008-09	2009-10	2010-11
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1 Created By: REYES, JOYCE I.
Project Cost after Revision 1: \$1,335,000 Created Date: 12/10/2015 11:10:47 AM

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$1,020,400					\$1,020,400
Sub-Total:	\$1,020,400	\$0	\$0	\$0	\$0	\$1,020,400

Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11	Total
General Fund			\$314,600			\$314,600
Sub-Total:	\$0	\$0	\$314,600	\$0	\$0	\$314,600

Revision 1 Amount: \$1,020,400

Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$1,020,400					\$1,020,400
Sub-Total:		\$1,020,400	\$0	\$0	\$0	\$0	\$1,020,400

Original Budget Created By: REYES, JOYCE I.
Amount: \$314,600 Created Date: 3/16/2009 9:33:31 AM

Financing Source	Council Approved Date/Time	2006-07	2007-08	2008-09	2009-10	2010-11	Total
General Fund	05/23/2006 12A			\$314,600			\$314,600
Sub-Total:		\$0	\$0	\$314,600	\$0	\$0	\$314,600

Financing Source Options

Revision 1 Created By: MILEVA, NELI G.
Total Amount: \$1,020,400 Total Percentage: 100% Created Date: 11/7/2011 5:09:20 PM

Financing Source	Percent	Amount
General Fund	100%	\$1,020,400

Original Budget Created By: REYES, JOYCE I.
Amount: \$314,600 Created Date: 2/28/2011 4:38:47 PM

Financing Source	Percent	Amount
General Fund	100%	\$314,600

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$1,335,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$1,020,400
General Fund	\$314,600	\$314,600
Grand Total:	\$314,600	\$1,335,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$1,335,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$1,020,400					\$1,020,400
Sub-Total:	\$1,020,400	\$0	\$0	\$0	\$0	\$1,020,400

Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11	Total
General Fund			\$314,600			\$314,600
Sub-Total:	\$0	\$0	\$314,600	\$0	\$0	\$314,600

Net Changes

Amount: \$1,020,400

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$1,020,400					\$1,020,400
Sub-Total:	\$1,020,400	\$0	\$0	\$0	\$0	\$1,020,400

Original Budget

Amount: \$314,600

Created By: REYES, JOYCE I.
Created Date: 3/16/2009 9:33:31 AM

Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11	Total
General Fund			\$314,600			\$314,600
Sub-Total:	\$0	\$0	\$314,600	\$0	\$0	\$314,600

Quarterly Updates

Month	March	Year	2016	No change
Month	December	Year	2015	No change
Month	September	Year	2015	No change
Month	June	Year	2015	No change
Month	March	Year	2015	No change
Month	December	Year	2014	No change
Month	September	Year	2014	No Change.
Month	June	Year	2014	No Change
Month	March	Year	2014	No Change. Request was not approved.
Month	December	Year	2013	Request was not approved.
Month	September	Year	2013	No change. Submitted request for additional funds for 2014-2018 Capital Budget Plan.
Month	June	Year	2013	No change.
Month	March	Year	2013	No change. On hold for lack of sufficient funding.
Month	December	Year	2012	No change. On hold for lack of sufficient funding.
Month	September	Year	2012	No change. On hold for lack of sufficient funding.

Month Year

No change. On hold for lack of sufficient funding.

Month Year

No change. On hold for lack of sufficient funding.

Month Year

Submitted request for additional funding but it was recommended/approved for Fiscal Year 2011-12 because funding was not available.

Month Year

No change.

Month Year

No change.

Month Year

No Change.

Month Year

No change.

Month Year

No change Budget \$314,600 Expenses ____ - ____ Balance 09/30/10 \$314,600

Month Year

No change. Budget \$314,600 Expenses ____ - ____ Balance 06/30/10 \$314,600

Month Year

No change. Budget \$314,600 Expenses ____ - ____ Balance 03/31/10 \$314,600

Month Year

No change. Budget \$314,600 Expenses ____ - ____ Balance 12/31/09 \$314,600

Month Year

No change.

Month Year

Additional funding was not approved as part of the five year capital project budget. Therefore project is on hold until further funding can be secured.

Month Year

No change.

Month Year

Station 4 remodel is scheduled for FY08-09; however, the project cannot start without the additional funding. A request for additional funding was submitted in September 2008, but the funding is being delayed pending approval of the FY09-13 five-year capital project budget.

Month Year

This project was approved in 2002 with a budget of \$314,600. Cost is updated to \$665,000 (additional \$350,400 needed).

Budget vs. Expenses

Last Payroll Update

Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$314,600.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$314,600.00</u>
Actual	<u>\$0.00</u>
Encumbrances	<u>\$0.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$314,600.00</u>

Revenue

Life To Date Budget - Posted	<u>\$314,600.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$314,600.00</u>
Actual	<u>\$314,600.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Type of Project	Equipment
Project Location	Fire Stations
Project Title	Replacement of 3 Fire Engines
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	Fire - Admin
Project Leader	MILLER, ALEC C.
Project Leader's Email	amiller@torranceca.gov
Project Start Date	06/23/2015
Estimated Completion Date	09/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$43,628

In December, 2015, Fire Department staff requested vendor price projections for fire engines and trucks in the next several years. The increase above what was originally estimated in this FEAP is due to the fact that the last purchases for the engines were based on the previous year's pricing. The projected price for a fire engine is \$614,747.45, effective February 2, 2017 to February 1, 2018. This is the best estimate the vendor could provide at this time and did not include taxes and discounts. Staff estimated and added applicable discounts, taxes, performance bond and subtracted trade-in allowance. The resulting total cost for the remaining two engines is \$1,285,105, which is \$43,628 more than the remaining balance in this FEAP. The revised budget for this FEAP, including the additional funding request is \$1,873,628.

The Fire Department currently has seven front-line fire engines and five reserve fire engines. Reserve fire engines play a vital role in public safety. They are utilized when front-line engines are out of service for repair, to backfill Torrance Fire Stations when front line engines are requested for mutual aid outside the City, as well as for special events in the City.

Three of the fire engines are manufactured in 2003. By 2018, they will have served 15 years as front-line engines and, according to City policy, will have to be placed in reserve status. The existing reserve engines - one 1988, one 1994, and one 1996 - will be decommissioned because they will have reached and exceeded the 20 years combined front-line and reserve service life.

The Department plans to start the ordering process in 2017 as it takes 8-12 months for the engines to be built and placed in service.

Justification

City Council approved Fire Apparatus Replacement Fund in fiscal year 1998-99 to meet the continual need for update of Fire Department emergency vehicles and equipment while spreading the burden of large expenditures over a number of years. Included in the Apparatus Replacement Schedule are fire engines, fire trucks, Air & Light, and the hazmat vehicle.

As part of the budget reductions implemented in FY 2009-10, the number of years in front line service was increased from 12 to 15 years for the fire engines and from 15 to 20 years for the fire trucks. The years in reserve status remained the same - five years for both the engines and the trucks. The total service life was increased to 20 years for the engines and 25 years for the trucks.

Impact of Non-Approval

Increased repair cost.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	NOTE FROM FINANCE: Council approved item 12F on 6/23/2015 for early funding of a fire engine in the amount of \$558,523.40 (FY2014-15)
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	\$1,873,628	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$1,873,628	\$0	Grand Total \$1,873,628

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed: Operator Date/Time

Initial Funding

Council or City Manager Approval Date:

Council or City Manager Approval Item:

Council or City Manager Approval Amount:

Amendments		
Council Approval Date	Council Approval Item	Amount
06/23/2015	12F	\$0

Project Timeline

Original Timeline		Created By: MILEVA, NELI G.			
		Created Date: 9/13/2013 1:56:17 PM			
Description	2016-17	2017-18	2018-19		
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 2		Created By: REYES, JOYCE I.					
Project Cost after Revision 2: \$1,873,628		Created Date: 12/7/2015 3:36:48 PM					
Financing Source	2019-20	2020-21	2021-22				Total
To Be Determined							\$0
Fire Apparatus Replacement Fd							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2014-15	2015-16	2016-17	2017-18	2018-19		Total
Fire Apparatus Replacement Fd	\$588,523		\$1,241,477				\$1,830,000
To Be Determined				\$43,628			\$43,628
Sub-Total:	\$588,523	\$0	\$1,241,477	\$43,628	\$0		\$1,873,628
Revision 2 Amount: \$43,628							
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$43,628					\$43,628
Sub-Total:		\$43,628	\$0	\$0	\$0	\$0	\$43,628
Revision 1							
Project Cost after Revision 1: \$1,830,000		Created By: REYES, JOYCE I.					
		Created Date: 6/24/2015 11:31:42 AM					
Financing Source	2019-20	2020-21					Total
Fire Apparatus Replacement Fd							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2014-15	2015-16	2016-17	2017-18	2018-19		Total
Fire Apparatus Replacement Fd	\$588,523		\$1,241,477				\$1,830,000
Sub-Total:	\$588,523	\$0	\$1,241,477	\$0	\$0		\$1,830,000
Revision 1 Amount: \$0							
Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Fire Apparatus Replacement Fd	06/23/2015 12F	\$588,523		(\$588,523)			\$0
Sub-Total:		\$588,523	\$0	(\$588,523)	\$0	\$0	\$0
Original Budget							
Amount: \$1,830,000		Created By: MILEVA, NELI G.					
		Created Date: 9/13/2013 1:56:17 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Fire Apparatus Replacement Fd	11/19/2013 12A	\$1,830,000					\$1,830,000
Sub-Total:		\$1,830,000	\$0	\$0	\$0	\$0	\$1,830,000

Financing Source Options

Revision 1		Created By: REYES, JOYCE I.	
Total Amount: \$43,628		Created Date: 12/7/2015 3:38:35 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Fire Apparatus Replacement Fd	100%	\$43,628	
Original Budget			
Amount: \$1,830,000		Created By: MILEVA, NELI G.	
		Created Date: 9/16/2013 2:23:16 PM	
Financing Source	Percent	Amount	
Fire Apparatus Replacement Fd	100%	\$1,830,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$1,873,628

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$43,628
Fire Apparatus Replacement Fd	\$588,523	\$1,830,000
Grand Total:	\$588,523	\$1,873,628

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$1,873,628

Financing Source	2019-20	2020-21	2021-22			Total
To Be Determined						\$0
Fire Apparatus Replacement Fd						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Fire Apparatus Replacement Fd	\$588,523		\$1,241,477			\$1,830,000
To Be Determined				\$43,628		\$43,628
Sub-Total:	\$588,523	\$0	\$1,241,477	\$43,628	\$0	\$1,873,628

Net Changes

Amount: \$43,628

Financing Source	2019-20	2020-21	2021-22			Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Fire Apparatus Replacement Fd	\$588,523		(\$588,523)			\$0
To Be Determined				\$43,628		\$43,628
Sub-Total:	\$588,523	\$0	(\$588,523)	\$43,628	\$0	\$43,628

Original Budget

Amount: \$1,830,000

Created By: MILEVA, NELI G.
Created Date: 9/13/2013 1:56:17 PM

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Fire Apparatus Replacement Fd	\$1,830,000					\$1,830,000
Sub-Total:	\$1,830,000	\$0	\$0	\$0	\$0	\$1,830,000

Quarterly Updates

Month Year

Around March 23, 2016, Torrance Fire Department staff flew to Wisconsin to perform the final inspection on the new fire engine that was ordered from Pierce. The final inspection was performed and a very short list of items to correct was generated. The fire engine should leave the factory this week (by the beginning of April) and will be driven by Pierce to California.

Month Year

No change. The Performance bond was received and the 90% down payment paid. The pre-construction phase of the project was completed. Pierce will start construction around December 1st, and the Final Inspection should be scheduled in Wisconsin around the end of February or beginning of March.

Month Year

The Performance bond was received and the 90% down payment paid. The pre-construction phase of the project was completed. Pierce will start construction around December 1st, and the Final Inspection should be scheduled in Wisconsin around the end of February or beginning of March.

Month Year

On June 23, 2015, Torrance City Council approved the purchase of one Fire engine to replace one of the three 2003 Fire engines earlier than planned and put it in reserve status. The City's 1988 reserve engine will be decommissioned, after 27 years of combined front-line and reserve service. Purchase order was issued to Pierce Manufacturing Inc. of Appleton Wisconsin to furnish one Pierce 1500 GPM Triple Combination Pumper (fire engine) in the amount of \$588,523.40, which included the cost of a performance bond, 90% prepayment discount, sales tax, and trade-in allowance for one old fire engine.

Month Year

No Update Submitted

Month Year

No Update Submitted

Month Year

No Update Submitted

Month Year

Not applicable. Project funding is in 2016-17 fiscal year.

Month Year

Not applicable. Project funding is in 2016-17 fiscal year.

Month Year

Not applicable. Project funding is in 2016-17 fiscal year.

Budget vs. Expenses		Revenue	
Last Payroll Update <input type="text" value="4/16/2016"/>		Budget As Of <input type="text" value="05/02/2016"/>	
Expenses		Revenue	
Life To Date Budget - Posted	\$588,523.40	Life To Date Budget - Posted	\$588,523.40
Life To Date Budget - Unposted	\$0.00	Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$588,523.40	Total Life To Date Budget	\$588,523.40
Actual	\$585,391.30	Actual	\$588,523.40
Encumbrances	\$0.00		
Unposted Transaction	\$3,132.10	Unposted Transaction	\$0.00
Available Budget	\$0.00	Available Budget	\$0.00

Type of Project	Equipment
Project Location	Fire Stations
Project Title	Replacement of 2 Fire Engines and 1 Fire Truck
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	Fire - Admin
Project Leader	MILLER, ALEC C.
Project Leader's Email	amiller@torranceca.gov
Project Start Date	01/01/2020
Estimated Completion Date	12/31/2021

Project Request Status	Proposed
Approved Project Status	

Description

The Fire Department currently has seven front-line fire engines and five reserve fire engines as well as two front-line and one reserve fire trucks. The reserve fire truck and engines are used when the front-line apparatus is out of service for repair and maintenance. The reserve engines also backfill Torrance Fire Stations when the front-line engines are requested for mutual aid outside the City and are deployed for special events in the City.

By 2021, two 2006 engines and one 2001 truck will have served 15 years (engines) and 20 years (truck) as front-line apparatus and, according to the City policy, will have to be placed in reserved status. The existing reserve engines (1997 and 1998) and reserve truck (1994) will be decommissioned as they will have reached and exceeded the 20 years (engines) and 25 years (trucks) combined front-line and reserve service life.

The Department plans to start the ordering process in the second half of calendar 2020 as it takes 8-12 months for the fire truck and engines to be built and placed in service.

The estimated cost for the two engines is \$1,404,526 and the cost for the fire truck is \$1,105,241, for a total project cost of \$2,509,767. It includes price increases of 3% per year, sales tax, as well as estimates for applicable discounts, cost of performance bond, and trade-in allowance.

Justification

City Council approved Fire Apparatus Replacement Fund in fiscal year 1998-99 to meet the continual need for update of Fire Department emergency vehicles and equipment while spreading the burden of large expenditures over a number of years. Included in the Apparatus Replacement Schedule are fire engines, fire trucks, the Air & Light, and the hazmat vehicle.

As part of the budget reductions implemented in FY 2009-10, the number of years in front line service was increased from 12 to 15 years for the fire engines and from 15 to 20 years for the fire trucks. The years in reserve status remained the same – five years for both the engines and the trucks. The total service life was increased to 20 years for the engines and 25 years for the trucks.

Impact of Non-Approval

Increased repair cost.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)			
Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$2,509,767	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$2,509,767	\$0	Grand Total <u>\$2,509,767</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)			
<input checked="" type="checkbox"/> Not Applicable			
Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u>\$0</u>

Department Priority	5	Medium
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time
		1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: MILEVA, NELI G.			
		Created Date: 12/7/2015 3:44:55 PM			
Description	2019-20	2020-21	2021-22		
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: MILEVA, NELI G.					
Amount: \$2,509,767		Created Date: 12/7/2015 3:44:55 PM					
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined			\$2,509,767				\$2,509,767
Sub-Total:		\$0	\$2,509,767	\$0	\$0	\$0	\$2,509,767

Financing Source Options

Original Budget		Created By: MILEVA, NELI G.	
Total Amount: \$2,509,767		Created Date: 12/7/2015 4:18:59 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Fire Apparatus Replacement Fd	100%	\$2,509,767	

Type of Project	Facilities
Project Location	Fire Station 5
Project Title	Fire Station 5 Lawn Removal
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	Public Works - Admin
Project Leader	GONZALEZ, MARCO A.
Project Leader's Email	mgonzalez@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2017

Project Request Status	Proposed
Approved Project Status	

Description

Removing all of the lawn area in front of Fire Station #5 and replacing it with concrete. This will allow the engine to use the front yard as a driveway to turn around and back into the apparatus bay. The planter areas will be kept for aesthetics.

Justification

Backing in to the apparatus bay presents a safety concern. Currently, E-95 backs into the apparatus bay instead of pulling in from the back yard. This station houses two reserve fire engines, due to limited apparatus bay space at other stations. These reserve apparatus are usually in the apparatus bay, not allowing E-95 to pull through from the rear. To back into the station, E-95 must wait for a break in traffic on Del Amo, and let a fire fighter out of the vehicle to comply with the Department's backing policy. This places the fire fighter in a dangerous situation. Civilian traffic has been witnessed driving around the fire engine in the front of the engine and behind the engine to avoid waiting for the engine to back up. Traffic approaches this station from downhill to the West. Drivers come up the hill toward the station at a high rate of speed and their view of the driveway is obstructed, further adding to the dangerous situation.

Impact of Non-Approval

The safety concern will persist.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Quote provided by Public Works.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other materials and labor	\$21,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$21,000	\$0	Grand Total <u> \$21,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

3

Medium

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	MILEVA, NELI G.			
		Created Date:	12/7/2015 5:20:17 PM			
Description	2016-17	2017-18				
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	MILEVA, NELI G.				
Amount: \$21,000		Created Date:	12/7/2015 5:20:17 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$21,000					\$21,000
Sub-Total:		\$21,000	\$0	\$0	\$0	\$0	\$21,000

Financing Source Options

Original Budget		Created By:	MILEVA, NELI G.	
Total Amount: \$21,000		Created Date:	12/7/2015 5:46:19 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund	100%	\$21,000		

Type of Project	Equipment
Project Location	Fire Stations
Project Title	Replacement of the Hazmat and Air & Lighting Vehicles with One Vehicle
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	Fire - Admin
Project Leader	MILLER, ALEC C.
Project Leader's Email	amiller@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description

The Fire Department has a Hazmat vehicle, comprised of a 1989 trailer and 1997 freightliner, and an Air and Lighting vehicle (1999). By 2019, these vehicles will be 20 years or older. The Fire Department would like to replace the hazmat and AL vehicles with one new vehicle that will serve as both. The hazmat and the AL vehicles, along with the fire engines and trucks are part of the Apparatus Replacement Schedule funded by the Fire Apparatus Replacement Fund.

Justification

City Council approved Fire Apparatus Replacement Fund in fiscal year 1998-99 to meet the continual need for update of Fire Department emergency vehicles and equipment while spreading the burden of large expenditures over a number of years. Included in the Apparatus Replacement Schedule are fire engines, fire trucks, the Air & Lighting (AL), and the hazmat vehicle. As part of the budget reductions implemented in FY 2009-10, the contributions to the Apparatus Replacement Fund were reduced along with extending the years of service for the fire engines and trucks. To meet the apparatus replacement needs, however, capital infusions in later years were recommended/needed and approved. So far, there have been no additional contributions to the apparatus replacement fund. The replacement of 2 fire engines and 1 truck in 2021 will exhaust almost the entire fund. This vehicle will cost approximately \$800,000. Without additional contribution (\$732,000), the purchase/replacement cannot be made.

Purchasing this new vehicle will provide cost savings by combining two vehicles into one. Costs for Periodic Maintenance will be reduced to one vehicle instead of two. This will also solve a major problem in the Fire Department by freeing up needed apparatus bay floor space. The current Haz-Mat takes up 60' of space. The current Air and Lighting takes up 30' of space. The proposed apparatus is slightly longer than the current AL. This will free up essentially room for two reserve fire engines or two other vehicles in our stations. By purchasing a new combination vehicle, we would not need to purchase another Haz-Mat or AL vehicle for another 25 years. It is possible to sell the current Haz-Mat vehicle and the current Air and Lighting vehicle to offset some of the cost of the new combination vehicle. The new combination vehicle will have a command center in the cab that can be used for community events or emergencies with extended durations. The new vehicle will be a single chassis, eliminating the need for the special licensing that is required to operate the current Haz-Mat vehicle. The single chassis will also eliminate the need for the annual CHP inspection required on the current Haz-Mat vehicle.

Impact of Non-Approval

The current Haz-Mat tow vehicle is a 1997 year model. The current Haz-Mat trailer is a 1989 model. It is time to replace the oversized vehicle. The current Air and Lighting vehicle is a 1999 year model. We continuously have maintenance issues with the on board breathing air compressor. It is also time to replace this vehicle. We are in need of additional vehicle storage at our fire stations. If we are not approved for this purchase, we will need to replace each vehicle individually in the near future.

Other Alternatives Considered

Purchase a smaller single function Haz-Mat vehicle to replace the current vehicle. Keep the current Air and Lighting vehicle and continue frequent maintenance.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$800,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$800,000	\$0	Grand Total \$800,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	MILEVA, NELI G.			
		Created Date:	12/9/2015 11:03:29 AM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	MILEVA, NELI G.				
Amount: \$800,000		Created Date:	12/9/2015 11:03:29 AM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$800,000					\$800,000
Sub-Total:		\$800,000	\$0	\$0	\$0	\$0	\$800,000

Financing Source Options

Original Budget		Created By:	MILEVA, NELI G.	
Total Amount: \$800,000		Created Date:	12/9/2015 11:11:09 AM	
		Total Percentage: 101%		
Financing Source	Percent	Amount		
General Fund	92%	\$732,000		
Fire Apparatus Replacement Fd	9%	\$68,000		

Request #: 2016-00542

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Several intersections in Torrance
Project Title	Replacement and Additional Installations of Opticoms
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	Public Works - Traffic & Lighting Maintenance
Project Leader	HALL, RICHARD E.
Project Leader's Email	rhall@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of the Opticoms at two intersections in Torrance (cost \$11,040) and additional installations at four intersections (cost \$35,702) for a total cost of \$46,742.

Opticoms are a traffic control system that provides a green light – and therefore intersection right-of-way – to emergency vehicles.

Public Works Department informed the Fire Department of the need to replace some opticoms and do additional installations throughout the City. The Fire Department does not have the background knowledge of when the opticoms were originally installed, with what funding, and how they are maintained. However, since it uses the opticoms when responding to emergency incidents, it submits this request for a capital project and funding.

Justification
Opticoms can help improve response times while reducing the potential for accidents.

Impact of Non-Approval
Potential for longer response times when arriving at the incident involves passing through intersections without opticoms.

Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$46,742	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$46,742	\$0	Grand Total \$46,742

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	MILEVA, NELI G.			
		Created Date:	12/10/2015 4:44:48 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	MILEVA, NELI G.				
Amount: \$46,742		Created Date:	12/10/2015 4:44:48 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$46,742					\$46,742
Sub-Total:		\$46,742	\$0	\$0	\$0	\$0	\$46,742

Financing Source Options

Original Budget		Created By:	MILEVA, NELI G.	
Total Amount: \$46,742		Created Date:	12/11/2015 9:39:31 AM	
Total Percentage: 100%				
Financing Source	Percent	Amount		
General Fund	100%	\$46,742		

Type of Project	Equipment
Project Location	All Fire Stations
Project Title	Replacement of monitor/defibrillators
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	Fire - EMS
Project Leader	HUDSON, BRIAN T.
Project Leader's Email	bHUDSON@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2019

Project Request Status	Proposed
Approved Project Status	

Description

Cardiac monitor/defibrillators are critical life-saving devices that are also the most complex, expensive and frequently used tool by paramedics. Cardiac monitor/defibrillators routinely have a 5-7 year service life. Due to the rigors of the EMS environment and how often they are used, from a safety perspective, they should be replaced every 5 years.

The Fire Department's current cardiac monitor/defibrillators were last replaced in 2012 and 2013 (and before that, the original purchase was in 2006 and 2007 with Los Angeles County Measure B funding). The cost included 4-year warranty with 1 preventative maintenance check per year (supplementary to the standard one-year warranty). Staff research of other Fire Departments found that maintaining a warranty and preventative maintenance agreement is the standard of care in Los Angeles County. The liability associated with a defibrillator is very large, as a malfunction may be the single difference between life and death. In addition, repair costs are exorbitant when the device is out of warranty. Therefore, it is the desire of most Advanced Life Support (ALS) Providers in Los Angeles County to maintain both a warranty and a preventative maintenance program and replace monitor/defibrillators every 5 years to meet both the industry recommendations of acceptable service life and to stay current with the latest available technologies for heart related diagnostic and defibrillating equipment.

The Torrance Fire Department has fourteen (14) Zoll E Series monitor/defibrillators in service for 911 Advanced Life Support. The monitor/defibrillators are used on all front-line rescue units (5), reserve rescue units (3), and assessment engines (6).

Ten (10) of these monitor/defibrillators will have been in service for 5 years and will be out of warranty and no longer inspected and tested via a preventative maintenance contract on March 5, 2017. On August 12, 2017, two (2) additional Zoll monitor/defibrillators will be out of warranty and no longer on a preventative maintenance contract. On October 22, 2018, the last two (2) Zoll monitor/defibrillators will be out of warranty and no longer on a preventative maintenance contract.

The ZOLL Corporation has developed and released their new X Series Cardiac monitor/defibrillator. This new platform exceeds the current standard for our current E Series Cardiac monitor/defibrillators. The approximate cost of a single X Series monitor/defibrillator is \$36,184.34. It includes 4 year extended warranty and yearly preventative maintenance (PM) for 4 years. It also includes an estimated trade-in allowance, sales tax and 5% miscellaneous expenditures to account for the fact that the trade-in allowance value is only guaranteed through the end of 2015. The total cost to replace all 14 defibrillators is \$506,581.

A separate defibrillator/equipment replacement fund needs to be established to accumulate the annual contributions (\$101,316 per year for 5-year replacement) toward future purchases.

Justification

The cardiac monitor defibrillator is a critical piece of equipment in the delivery of prehospital emergency medical services. Cardiac monitors perform many functions, including: monitoring a patient's heart rhythm, the provision of life-saving defibrillation to patients in cardiac arrest, electrical pacing of a heart in certain severe dysrhythmias, measuring oxygen levels in a patient's bloodstream, obtaining blood pressures, transmitting 12-lead electrocardiograms (EKGs) to hospital staff from the field, and measuring carbon dioxide levels in patients during full cardiac arrest.

Due to the life and death application situations with cardiac monitor/defibrillators, the same brand and type of monitor/defibrillators must be used throughout the 911 ALS program in the City of Torrance to avoid confusion and possible user errors.

The E Serious model that the TFD uses was introduced to the market in 2005. With advancements in technology over the past ten years, the newer X Series monitor/defibrillator offers significant performance improvements which have resulted in much more successful patient outcomes. Some of the improvements include the following:

- "Real CPR Help" function which monitors the quality of CPR being provided by EMS personnel. In a study involving 373 medics and 484 patients, the odds of surviving cardiac arrest were 2.7 times better when Real CPR Help was used.
- Wireless data transfer to electronic patient care reports.
- Integrated Wi-Fi, Bluetooth and USB capabilities for much improved transmission of 12-lead EKGs to our receiving hospitals. Our current E-Series monitors only transmit these critical EKGs using out of date "flip" phones. Each monitor can be "paired", or partnered with one single phone. This has caused a failure to transmit a large number of our EKGs to the hospital. This failure to transmit often leads to a delay in the receiving hospital's activation of the CathLab team prior to patient arrival. When a patient is experiencing a confirmed heart attack, timely activation of the CathLab team can mean the difference between life and death for the patient.
- Automated settings for delivering appropriate defibrillation shocks to patients depending on patient size (adult/pediatric/neonatal.)
- Internal capnography technology. Capnography measures a patient's carbon dioxide output during cardiac arrest with CPR. This is a critical component to confirming the effectiveness of CPR as it indicates oxygen absorption in the patient's body due to the artificial circulation being produced via CPR. Our

current E-Series monitors utilize additional cables (\$3,000 each) and additional external equipment to capture this indicator. We are experiencing capnography failure at an alarming rate with our current E-Series monitors.

- Carbon Monoxide (CO) monitoring. Carbon Monoxide in a patient's bloodstream reduces the ability of oxygen to bond with blood cells, which leads to cell and tissue death. CO levels are impossible to detect without proper equipment.

- A screen which allows for 4 screen trace capability vs. 2 screen capability with the E-Series monitors. 4 screen trace capability allows the paramedics to simultaneously monitor a patient's cardiac rhythm, capnography, CPR quality, and CO monitoring.

Impact of Non-Approval

The Fire department will not have funds to replace the defibrillators running the risk of facing high repair costs and liability.

Other Alternatives Considered

None. As described, this is a critical piece of equipment and extending the service life beyond 5 years would not allow to take advantage of the improved technology.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$506,581	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$506,581	\$0	Grand Total <u>\$506,581</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	To be put in a separate replacement fund to accumulate for future replacement.
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$101,316	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$101,316	\$0	Grand Total <u>\$101,316</u>

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: MILEVA, NELI G.			
		Created Date: 12/10/2015 4:52:40 PM			
Description	2016-17	2017-18	2018-19	2019-20	
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: MILEVA, NELI G.					
Amount: \$506,581		Created Date: 12/10/2015 4:52:40 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$270,000	\$236,581				\$506,581
Sub-Total:		\$270,000	\$236,581	\$0	\$0	\$0	\$506,581

Financing Source Options

Original Budget		Created By: MILEVA, NELI G.	
Total Amount: \$506,581		Created Date: 12/10/2015 5:03:10 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$506,581	

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
GENERAL SERVICES
2016-2021**

REQUEST #	FEAP #	PROJECT TITLE	RECOMMENDED FY :	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00538	4 Med	Carpet Replacement in all Fire Stations	16-17	General Fund-Building Maintenance Fund	\$ 56,816		181
			17-18	General Fund-Building Maintenance Fund	56,815		
					<u>113,631</u>	\$ -	
2016-00558	3 Low	Carpet Replacement-Katy Geissert Civic Center Library	19-20	General Fund-Building Maintenance Fund	396,750		184
2016-00566	1 Low	Entradero Park Restroom Renovation	18-19	General Fund-Building Maintenance Fund	80,000		187
2016-00567	1 Low	El Nido Park Restroom Renovation	18-19	General Fund-Building Maintenance Fund	160,000		190
2016-00574	5 Med	Scout House Renovations	16-17	General Fund-Building Maintenance Fund	35,000		193
			17-18	General Fund-Building Maintenance Fund	220,000		
					<u>255,000</u>	\$ 5,000	

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
GENERAL SERVICES
2016-2021**

REQUEST #	FEAP #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00575	2 Med	Carpet Replacement-Benstead Plunge Lobby area	16-17	General Fund-Building Maintenance Fund	10,000	-	196
2016-00576	1 High	Civic Center Library & City Hall Chiller Maintenance	16-17	General Fund-Building Maintenance Fund	225,000	-	199
2016-00600	3 High	Replace Roof-East Annex	16-17	General Fund-Building Maintenance Fund	140,000	-	202
2016-00603	12 High	Floor covering & carpet replacement at various City facilities	17-18	General Fund-Building Maintenance Fund	100,000		205
			18-19	General Fund-Building Maintenance Fund	75,000		
			19-20	General Fund-Building Maintenance Fund	60,000		
			20-21	General Fund-Building Maintenance Fund	60,000		
					295,000	-	

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
GENERAL SERVICES
2016-2021**

REQUEST #	FEAP #	PROJECT TITLE	RECOMMENDED FY :	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00604 FEAP592	16 High	Painting of Civic Center and Parks Facilities	18-19	General Fund- Building Maintenance Fund	40,000		208
		This project has previously approved budget of \$295,000. Department is requesting an additional \$120,000 bringing the project total to \$415,000	19-20	General Fund- Building Maintenance Fund	40,000		
			20-21	General Fund- Building Maintenance Fund	40,000		
					120,000		
2016-00605 FEAP867	2 High	Repair Water and Sewage Lines- Greenwood Park	16-17	General Fund- Building Maintenance Fund	30,000		218
		This project has previously approved budget of \$100,000. Department is requesting an additional \$30,000 bringing the project total to \$130,000					

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
GENERAL SERVICES
2016-2021**

REQUEST #	FEAP #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00606 FEAP869	6 High	Repair Various Heating & Air Conditioning (HVAC) units within City facilities	16-17	General Fund-Building Maintenance Fund	75,000	-	224
<p>This project has previously approved budget of \$125,000. Department is requesting an additional \$75,000 bringing the project total to \$200,000</p>							
2016-00607	8 High	Replace roof-Walteria Library, Henderson Library, & Fire Station 4	17-18	General Fund-Building Maintenance Fund	206,000	-	231
2016-00608	7 High	Inspect & test electrical panels- various buildings	16-17 17-18	General Fund-Building Maintenance Fund General Fund-Building Maintenance Fund	75,000 75,000	-	234
					150,000		

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
GENERAL SERVICES
2016-2021**

REQUEST #	FEAP #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00609	9 High	Fire Stations Doors Preventive Maintenance and Replacement	17-18	General Fund-Building Maintenance Fund	164,000	-	237
2016-00610	10 High	HVAC Replacements-Phase 3	18-19	General Fund-Building Maintenance Fund	285,000	-	240
			19-20	General Fund-Building Maintenance Fund	200,000	-	
					485,000	-	
2016-00611	14 High	Upgrade Exterior Lighting-Civic Center and Parks	19-20	General Fund-Building Maintenance Fund	150,000	-	243
2016-00612	15 High	Upgrade Interior Lighting-Civic Center	18-19	General Fund-Building Maintenance Fund	200,000	-	246

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
GENERAL SERVICES
2016-2021**

REQUEST #	FEAP #	PROJECT TITLE	RECOMMENDED FY	RECOMMENDED FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00613	13 High	Repair Roofs-Park Buildings	19-20	General Fund-Building Maintenance Fund	75,000		249
			20-21	General Fund-Building Maintenance Fund	75,000 150,000	-	
2016-00614	11 High	Replace water and sewer lines-Parks and Recreation areas	19-20	General Fund-Building Maintenance Fund	75,000		252
			20-21	General Fund-Building Maintenance Fund	75,000 150,000	-	
2016-00623	4 High	Replacement of Light Duty Vehicle Hoists	16-17	Fleet Vehicle Replacement	250,000	3,000	255
TOTAL-GENERAL SERVICES RECOMMENDED PROJECTS					\$ 3,805,381	\$ 8,000	

Request #: 2016-00538

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Fire Stations
Project Title	Carpet replacement in all Fire Stations
Submitting Department	Fire - Admin
Prepared By	MILEVA, NELI G.
Preparer's Email	nmileva@torranceca.gov
Managing Department	General Services - Admin
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

Replace carpet in all six Fire Stations at the following addresses.

Fire Station 1 - 1701 Crenshaw Blvd.;
Fire Station 2 - 25135 Robinson Way;
Fire Station 3 - 3535 W. 182nd Street;
Fire Station 4 - 5205 Calle Mayor;
Fire Station 5 - 3940 Del Amo Blvd; and
Fire Station 6 - 21401 Del Amo Circle

Justification

Carpet in all Fire Stations was installed about twelve (12) years ago. It has been washed and patched, but due to the high traffic (7 days per week / 24-hour facilities), needs to be replaced.

Impact of Non-Approval

Non-approval and further delay the carpet replacement contributes to continued visible deterioration of the aesthetics of the buildings and may negatively impact both employees and visitors.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$103,750	_____	
Other 10% project management fee	\$9,881	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$113,631	\$0	Grand Total \$113,631

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: MILEVA, NELI G.	
		Created Date: 12/8/2015 4:19:35 PM	
Description	2016-17	2017-18	
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: MILEVA, NELI G.					
Amount: \$113,631		Created Date: 12/8/2015 4:19:35 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$56,816	\$56,815				\$113,631
Sub-Total:		\$56,816	\$56,815	\$0	\$0	\$0	\$113,631

Financing Source Options

Original Budget		Created By: MILEVA, NELI G.	
Total Amount: \$113,631		Created Date: 12/8/2015 4:29:16 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$113,631	

Type of Project	Facilities
Project Location	Katy Geissert Civic Center Library
Project Title	Carpet replacement-Katy Geissert Civic Center Library
Submitting Department	Community Services - Library
Prepared By	THEYER, HILLARY A.
Preparer's Email	htheyer@torranceca.gov
Managing Department	General Services - Admin
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	01/01/2019
Estimated Completion Date	12/01/2019

Project Request Status	Proposed
Approved Project Status	

<p>Description</p> <p>The Katy Geissert Civic Center Library was carpeted as each level was remodeled, with the lower level completed 15 years ago, and the main level over 6 years ago. The carpet tile pattern is no longer produced, and we are routinely replacing tiles on stairways, or other areas of high traffic. This project is to replace the carpet tile across all three public floors of the Library, including three stairways.</p>
<p>Justification</p> <p>The Library requires a high quality carpet tile, to withstand heavy book truck wheels and high traffic areas such as aisles, stairwells, and the front lobby. Carpet tiles enable replacement of damaged or worn portions. Due to the high use by children, seniors, those in wheelchairs or who use walkers, the carpet must be in good repair without trip hazards such as fraying areas or worn edges.</p>
<p>Impact of Non-Approval</p> <p>The current carpet tile pattern is no longer produced, and the Library will run out of the tiles. This will force replacement with a different tile pattern or color, or leaving trip hazards and worn spots.</p>
<p>Other Alternatives Considered</p> <p>This project can be done by levels of the library, saving the best tiles from the oldest floor to patch the other floors. This will leave the Library without a uniform and professional look.</p>

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments	
Personnel Requirements				
# of positions	_____	_____	[Empty Comments Box]	
Labor costs (Comp Detail Report-Total)	_____	_____		
Date of Comp Detail Report _____				
Equipment				
Materials	\$396,750	_____		
Professional Services/Contracts				
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Total	\$396,750	\$0	Grand Total \$396,750	

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments	
Additional Personnel Requirements				
# of positions	_____	_____	[Empty Comments Box]	
Annual Labor costs (Comp Detail Report-Total)	_____	_____		
Date of Comp Detail Report _____				
Equipment				
Materials	_____	_____		
Professional Services/Contracts				
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Total	\$0	\$0	Grand Total \$0	

Department Priority

3

Low

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: THEYER, HILLARY A.			
		Created Date: 12/17/2015 9:33:03 AM			
Description	2018-19	2019-20			
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: THEYER, HILLARY A.					
Amount: \$396,750		Created Date: 12/17/2015 9:33:03 AM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined			\$396,750				\$396,750
Sub-Total:		\$0	\$396,750	\$0	\$0	\$0	\$396,750

Financing Source Options

Original Budget		Created By: ORPE, ANDREW S.	
Total Amount: \$396,750		Created Date: 12/18/2015 10:04:56 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$396,750	

Request #: 2016-00566

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Entradero Park
Project Title	Entradero Park Restroom Renovation
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	General Services - Admin
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	09/01/2018
Estimated Completion Date	12/31/2018

Project Request Status	Proposed
Approved Project Status	

Description
Complete interior renovation of restroom facility to include ADA compliance, new fixtures and anti-graffiti coating.
Justification
This is a very old facility and in poor condition. There is no ADA access to this facility.
Impact of Non-Approval
Facility will continue to degrade, reducing park patrons desire to utilize this facility.
Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Prefabricated restroom similar to Pueblo, Lago Seco, and Toyota Sports Complex.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$80,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$80,000	\$0	Grand Total \$80,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 12:51:52 PM			
Description	2018-19					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$80,000		Created Date:	12/18/2015 12:51:52 PM				
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$80,000					\$80,000
Sub-Total:		\$80,000	\$0	\$0	\$0	\$0	\$80,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$80,000		Created Date:	12/18/2015 12:55:58 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund-Building Maint Fd	100%	\$80,000		

Request #: 2016-00567

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	El Nido Park
Project Title	El Nido Park Restroom Renovation
Submitting Department	Community Services - Park Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	General Services - Admin
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	10/31/2018

Project Request Status	Proposed
Approved Project Status	

Description
This would be a complete interior renovation of the public use restrooms and recreation building restrooms. Upgrades would include ADA compliance, new fixtures and anti-graffiti coating.

Justification
Both of these restroom facilities are old and not ADA compliant.

Impact of Non-Approval
Restrooms will continue to deteriorate. potential issues as a result of not being ADA compliant.

Other Alternatives Considered
Installing a new prefab restroom unit would cost more than renovating the existing restrooms.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Renovation of existing buildings not prefabricated building installation.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$160,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$160,000	\$0	Grand Total \$160,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 1:00:17 PM			
Description	2018-19					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	ORPE, ANDREW S.				
Amount: \$160,000		Created Date:	12/18/2015 1:00:17 PM				
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$160,000					\$160,000
Sub-Total:		\$160,000	\$0	\$0	\$0	\$0	\$160,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$160,000		Created Date:	12/18/2015 1:04:02 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund-Building Maint Fd	100%	\$160,000		

Request #: 2016-00574

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Scout House
Project Title	Scout House Renovations
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

Renovations to Scout House
Project includes abatement of asbestos flooring, installation of new flooring, ADA upgrades to restrooms, kitchen, doors and hardware, and other associated upgrades.
The brick and wood single story facility was provided to the City in 1950s for use to support Scout troops in the City of Torrance and other associated needs if space and time are available. Scout troops have performed minor maintenance on the facility however due to its age, condition and changing needs of the public, more extensive repairs are now necessary.

Justification

The age and condition of the structure require substantial repairs for continued use. Flooring must be abated and kitchen and restrooms repaired to bring to current standards for habitability.

Impact of Non-Approval

Failure to perform flooring, door and restroom repairs within the next few years will likely result in curtailment of use of the area or entire building.

Other Alternatives Considered

demolition would result in loss for programs for the community

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$200,000	_____	
Other design	\$35,000	_____	
Other project management	\$20,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$255,000	\$0	Grand Total \$255,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			maintenance and repairs on an ongoing basis
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$5,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$5,000	\$0	Grand Total \$5,000

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/18/2015 1:26:30 PM			
Description	2016-17	2017-18			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$255,000		Created Date: 12/18/2015 1:26:30 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$35,000	\$220,000				\$255,000
Sub-Total:		\$35,000	\$220,000	\$0	\$0	\$0	\$255,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$255,000		Created Date: 12/18/2015 1:26:30 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$255,000	

Request #: 2016-00575

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Benstead Plunge
Project Title	Carpet Replacement
Submitting Department	Community Services - Recreation Services
Prepared By	ORPE, ANDREW S.
Preparer's Email	aorpe@torranceca.gov
Managing Department	General Services - Admin
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	07/31/2016

Project Request Status	Proposed
Approved Project Status	

Description
Replace old lobby carpet and move front desk forward toward entrance.
Justification
The carpet is old and worn and needs to be replaced. Also, the desk is old and should be replaced and moved forward to better control facility access.
Impact of Non-Approval
Facility looks bad and access to facility remains harder to control.
Other Alternatives Considered
Other flooring options besides carpet can be considered.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$10,000	\$0	Grand Total \$10,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	ORPE, ANDREW S.			
		Created Date:	12/18/2015 2:08:00 PM			
Description	2016-17					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	REYES, JOYCE I.				
Amount: \$10,000		Created Date:	4/6/2016 4:11:20 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$10,000					\$10,000
Sub-Total:		\$10,000	\$0	\$0	\$0	\$0	\$10,000

Financing Source Options

Original Budget		Created By:	ORPE, ANDREW S.	
Total Amount: \$10,000		Created Date:	12/18/2015 2:10:57 PM	
Total Percentage: 100%				
Financing Source	Percent	Amount		
General Fund-Building Maint Fd	100%	\$10,000		

Request #: 2016-00576

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Civic Center Library
Project Title	Civic Center Library and City Hall Chiller Maintenance
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2016

Project Request Status	Proposed
Approved Project Status	

Description

Rebuild Civic Center Library Chiller and City Hall Chillers (Air Conditioning)

Work includes inspection and rebuilding key elements and temporary chiller unit installation during repair work of approximately 30 days.

Additional work outside the rebuild specifications may be necessary once the unit is inspected. This work would be at an additional cost.

Work includes replacement of compressors, gas pump, safety switches, gaskets and filters.

Justification

We have been experiencing unscheduled auto shut downs over the past year indicating an overhaul/rebuilding of the unit is necessary.

The Chiller was installed in 2003 with periodic maintenance and overhaul of key elements recommended by the manufacturer (TRANE) every 10-15 years. An overhaul of the equipment is due to extend the overall system life.

Many of the elements to be inspected and rebuilt are proprietary and therefore can only be accomplished by the TRANE factory representative. Rebuild work is there done on a sole source basis.

Impact of Non-Approval

Continued unscheduled shutdowns (tripping) of the unit with no guarantees that it can be restored.

Chillers becoming non-operational for lengthy time with rental costs for temporary chiller. Complete replacement may be necessary at a higher cost.

Other Alternatives Considered

Complete replacement at substantially higher cost

No Air Conditioning

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	[Empty Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$200,000	_____	
Other Project Management (10%)	\$20,000	_____	
Other Other engineering services	\$5,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$225,000	\$0	Grand Total <u> \$225,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments
Additional Personnel Requirements			
# of positions	_____	_____	[Empty Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By:	LANDIS, JONATHAN R.			
		Created Date:	12/18/2015 1:53:01 PM			
Description	2016-17					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	LANDIS, JONATHAN R.				
Amount: \$225,000		Created Date:	12/18/2015 1:53:01 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$225,000					\$225,000
Sub-Total:		\$225,000	\$0	\$0	\$0	\$0	\$225,000

Financing Source Options

Original Budget		Created By:	LANDIS, JONATHAN R.	
Total Amount: \$225,000		Created Date:	12/18/2015 1:53:01 PM	
		Total Percentage: 100%		
Financing Source	Percent	Amount		
General Fund-Building Maint Fd	100%	\$225,000		

Request #: 2016-00600

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Civic Center Library
Project Title	Replace roofing, East Annex
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2017

Project Request Status	Proposed
Approved Project Status	

Description
Replace roofing in East Annex 1st floor at City Treasurer, City Clerk, and Fire Prevention
Justification
roofing is over 25 years old and exceeds its useful life. We have roof leaks in these areas which will continue to deteriorate if not repaired.
Impact of Non-Approval
roof leaks, building damage
Other Alternatives Considered
n/a

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$120,000	_____	
Other <u>PM fee (10%)</u>	\$12,000	_____	
Other <u>other engineering services</u>	\$8,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$140,000	\$0	Grand Total \$140,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

3

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/21/2015 11:15:55 AM			
Description	2016-17	2017-18			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$140,000		Created By: LANDIS, JONATHAN R.					
		Created Date: 12/21/2015 11:15:55 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$140,000					\$140,000
Sub-Total:		\$140,000	\$0	\$0	\$0	\$0	\$140,000

Financing Source Options

Original Budget Total Amount: \$140,000		Created By: LANDIS, JONATHAN R.	
Total Percentage: 100%		Created Date: 12/21/2015 11:15:55 AM	
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$140,000	

Request #: 2016-00603

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	City Facilities
Project Title	Floor covering and carpet replacement at various City facilities
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
replace existing floor coverings for various City facilities. Tile, Vinyl flooring, carpet and other associated floor coverings are included. Abatement of hazardous materials is included
Justification
Floor coverings to include tile, vinyl flooring, carpet and other associated floor coverings throughout the City have exceeded or are approaching the end of their useful lives. Replacement is necessary to preclude trip and fall accidents as well as aesthetics of City facilities.
Impact of Non-Approval
deterioration of floor coverings, possible accidents from loose, missing, frayed materials
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$295,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$295,000	\$0	Grand Total \$295,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 11:21:01 AM			
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Survey/Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$295,000		Created Date: 12/29/2015 11:21:01 AM					
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$100,000	\$75,000	\$60,000	\$60,000		\$295,000
Sub-Total:		\$100,000	\$75,000	\$60,000	\$60,000	\$0	\$295,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$295,000		Created Date: 12/29/2015 11:21:01 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$295,000	

Request #: 2016-00604
FEAP592

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Civic Center Complex and Park Facilities
Project Title	Painting of Civic Center and Parks Facilities
Submitting Department	General Services - Facility Services
Prepared By	MEGERDICHIAN, DIANE K.
Preparer's Email	dmegerdichian@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	MEGERDICHIAN, DIANE K.
Project Leader's Email	dmegerdichian@torranceca.gov
Project Start Date	05/22/2007
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
ADDITIONAL FUNDING REQUEST-\$120,000
Exterior Painting of Civic Center and Parks facilities in fiscal years 2008 through 2021. Includes, City Hall complex, Personnel, Cable, Police, Parks and other administrative buildings.

Justification
Various Civic Center and Parks facilities have paint that is approaching the end of its useful life. Peeling, cracking conditions are beginning to appear at various locations requiring repainting to preserve the structures. Facilities will be painted in priority order based on the City-wide painting survey which is now underway and is scheduled to be completed early in fiscal year 2007.

Impact of Non-Approval
N/A

Other Alternatives Considered
N/A

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	revision 2 \$40,000 each for FY 2018-19, 2019-20, 2020-21
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$405,000	_____	
Other <u>Project management fee</u>	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$415,000	\$0	Grand Total \$415,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation Recommendation Last Changed
 Operator
 Date/Time

Initial Funding
 Council or City Manager Approval Date
 Council or City Manager Approval Item
 Council or City Manager Approval Amount

Amendments		
Council Approval Date	Council Approval Item	Amount
01/14/2014	12A	\$180,000

Project Timeline

Timeline after Revision 3		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 11:40:11 AM			
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2006-07	2007-08	2008-09	2009-10	2010-11
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Revision 3					
Description	2018-19	2019-20	2020-21		
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 3		Created By: LANDIS, JONATHAN R.			
		Created Date: 2/6/2013 11:56:03 AM			
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2006-07	2007-08	2008-09	2009-10	2010-11
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2006-07	2007-08	2008-09	2009-10	2010-11
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Revision 2

Created By: MEGERDICHIAN, DIANE K.
 Created Date: 2/24/2011 4:33:33 PM

Description	2011-12	2012-13	2013-14	2014-15	2015-16
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2006-07	2007-08	2008-09	2009-10	2010-11
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Description	2008-09	2009-10	2010-11	2011-12	2012-13
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline

Created By: REYES, JOYCE I.
 Created Date: 9/30/2010 11:31:31 AM

Description	2006-07	2007-08	2008-09	2009-10	2010-11
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 2		Created By: LANDIS, JONATHAN R.					
Project Cost after Revision 2: \$415,000		Created Date: 12/29/2015 11:37:11 AM					
Financing Source		2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$40,000	\$40,000	\$40,000			\$120,000
Sub-Total:		\$40,000	\$40,000	\$40,000	\$0	\$0	\$120,000
Financing Source		2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd		\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Sub-Total:		\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Financing Source		2007-08	2008-09	2009-10	2010-11	2011-12	Total
General Fund-Building Maint Fd		\$25,000	\$20,000	\$50,000	\$20,000		\$115,000
Sub-Total:		\$25,000	\$20,000	\$50,000	\$20,000	\$0	\$115,000
Revision 2 Amount: \$120,000							
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$40,000	\$40,000	\$40,000			\$120,000
Sub-Total:		\$40,000	\$40,000	\$40,000	\$0	\$0	\$120,000
Revision 1		Created By: LANDIS, JONATHAN R.					
Project Cost after Revision 1: \$295,000		Created Date: 2/6/2013 11:56:44 AM					
Financing Source		2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd		\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Sub-Total:		\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Financing Source		2007-08	2008-09	2009-10	2010-11	2011-12	Total
General Fund-Building Maint Fd		\$25,000	\$20,000	\$50,000	\$20,000		\$115,000
Sub-Total:		\$25,000	\$20,000	\$50,000	\$20,000	\$0	\$115,000
Revision 1 Amount: \$180,000							
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	01/14/2014 12A	\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Sub-Total:		\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Original Budget		Created By: REYES, JOYCE I.					
Amount: \$115,000		Created Date: 9/30/2010 11:31:31 AM					
Financing Source	Council Approved Date/Time	2007-08	2008-09	2009-10	2010-11	2011-12	Total
General Fund-Building Maint Fd	05/22/2007 12B	\$25,000	\$20,000	\$50,000	\$20,000		\$115,000
Sub-Total:		\$25,000	\$20,000	\$50,000	\$20,000	\$0	\$115,000

Financing Source Options

Revision 2		Created By:	LANDIS, JONATHAN R.
Total Amount: \$120,000	Total Percentage: 100%	Created Date:	12/29/2015 11:35:32 AM
Financing Source		Percent	Amount
General Fund-Building Maint Fd		100%	\$120,000
Revision 1		Created By:	REYES, JOYCE I.
Project Cost after Revision 1: \$180,000		Created Date:	9/26/2013 4:19:13 PM
Revision 1 Amount: \$180,000			
Financing Source		Percent	Amount
General Fund-Building Maint Fd		100%	\$180,000
Original Budget		Created By:	REYES, JOYCE I.
Amount: \$115,000		Created Date:	3/1/2011 9:29:29 AM
Financing Source		Percent	Amount
General Fund-Building Maint Fd		100%	\$115,000

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$415,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$120,000
General Fund-Building Maint Fd	\$215,000	\$295,000
Grand Total:	\$215,000	\$415,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$415,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$40,000	\$40,000	\$40,000			\$120,000
Sub-Total:	\$40,000	\$40,000	\$40,000	\$0	\$0	\$120,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Sub-Total:	\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000

Financing Source	2007-08	2008-09	2009-10	2010-11	2011-12	Total
General Fund-Building Maint Fd	\$25,000	\$20,000	\$50,000	\$20,000		\$115,000
Sub-Total:	\$25,000	\$20,000	\$50,000	\$20,000	\$0	\$115,000

Net Changes

Amount: \$300,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$40,000	\$40,000	\$40,000			\$120,000
Sub-Total:	\$40,000	\$40,000	\$40,000	\$0	\$0	\$120,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000
Sub-Total:	\$20,000	\$40,000	\$40,000	\$40,000	\$40,000	\$180,000

Original Budget
Amount: \$115,000

Created By: REYES, JOYCE I.
Created Date: 9/30/2010 11:31:31 AM

Financing Source	2007-08	2008-09	2009-10	2010-11	2011-12	Total
General Fund-Building Maint Fd	\$25,000	\$20,000	\$50,000	\$20,000		\$115,000
Sub-Total:	\$25,000	\$20,000	\$50,000	\$20,000	\$0	\$115,000

Quarterly Updates

Month	March	Year	2016	This is an on-going FEAP.
Month	December	Year	2015	FEAP is on-going, painting of various buildings have been completed.
Month	September	Year	2015	FEAP is on-going, painting of various buildings have been completed.
Month	June	Year	2015	No Update Submitted
Month	March	Year	2015	FEAP is on-going, painting of various buildings have been completed.
Month	December	Year	2014	FEAP is on-going, painting of various buildings have been completed.
Month	September	Year	2014	FEAP is on-going, painting of various buildings have been completed.
Month	June	Year	2014	FEAP is on-going, painting of various buildings have been completed.
Month	March	Year	2014	FEAP is on-going, painting of various buildings have been completed.
Month	December	Year	2013	Staff is preparing a list of buildings for painting using the remaining funds.
Month	September	Year	2013	Staff is preparing a list of buildings for painting using the remaining funds.
Month	June	Year	2013	Staff is preparing a list of buildings for painting using the remaining funds.
Month	March	Year	2013	Staff is preparing a list of buildings for painting using the remaining funds.
Month	December	Year	2012	Staff is preparing a list of buildings for painting using the remaining funds.
Month	September	Year	2012	Staff is moving forward with preparing a list of buildings for painting using the remaining funds.

Month Year

Staff is moving forward with preparing a list of buildings for painting using the remaining funds.

Month Year

Staff is moving forward with preparing a list of buildings for painting using the remaining funds.

Month Year

No change.

Month Year

Staff is moving forward with preparing a list of buildings for painting using the remaining funds.

Month Year

Staff is moving forward with preparing a list of buildings for painting using the remaining funds.

Month Year

No change

Month Year

No change.

Month Year

Additional funding of \$20,000 was not allocated for 2010-11. However staff is moving forward with preparing a list of buildings for painting using the remaining funds. Budget \$95,000 Expenses (53,686) Balance 09/30/10 \$41,314

Month Year

Additional funding of \$20,000 was not allocated for 2010-11. However staff is moving forward with preparing a list of buildings for painting using the remaining funds. Budget \$95,000 Expenses (53,686) Balance 06/30/10 \$41,314 NOTE: ADDITIONAL \$20,000 BUDGET APPROVED FOR 2011. TOTAL BUDGET = \$115,000

Month Year

Contract with Tony Painting completed. Staff preparing list of buildings for painting. Budget \$95,000 Expenses (53,686) Balance 03/31/10 \$41,314 NOTE: ADDITIONAL \$20,000 BUDGET APPROVED FOR 2011. TOTAL BUDGET = \$115,000

Month Year

Contract substantially complete. Anticipate completion in January 2010. Budget \$95,000 Expenses (39,986) Encumbrances (13,700) Balance 12/31/09 \$41,314 NOTE: ADDITIONAL \$20,000 BUDGET APPROVED FOR 2011. TOTAL BUDGET = \$115,000

Month Year

Project awarded to Tony Painting Inc.

Month Year

Project is currently bidding for various City buildings anticipate award in August.

Month Year

Human Resources Exterior painting completed.

Month Year

Painting of the Human Resources is planned for January 2009

printing of the human resources is planned for January 2008.

Month Year

No change

Month Year

No change

Month Year

No change

Month Year

No change

Month Year

Preparing project specifications for 2008 accomplishment.

Budget vs. Expenses

Last Payroll Update

Budget As Of

Expenses

Life To Date Budget - Posted	\$215,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$215,000.00
Actual	\$123,213.30
Encumbrances	\$1,360.00
Unposted Transaction	\$0.00
Available Budget	\$90,426.70

Revenue

Life To Date Budget - Posted	\$215,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$215,000.00
Actual	\$215,000.00
Unposted Transaction	\$0.00
Available Budget	\$0.00

**Request #: 2016-00605
FEAP867**

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Greenwood Park
Project Title	Repair Water and Sewage Lines-Greenwood Park
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	SCHROEDER, NINA
Project Leader's Email	nschroeder@torranceca.gov
Project Start Date	01/14/2014
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description	<p>ADDITIONAL FUNDING REQUEST: \$30,000 Replace Water and Sewage Lines at Greenwood Park</p>
Justification	<p>Existing sewage and water lines are leaking and have significant root intrusion. Maintenance staff spends significant time on water line repairs and removing clogs from roots. Lines require replacement</p> <p>Revision - adds \$30,000 for added prevailing wage cost premiums</p>
Impact of Non-Approval	<p>Continued labor and materials expended for constant maintenance</p>
Other Alternatives Considered	<p>permanent portable toilets and bottled water</p>

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	revision - \$30,000 for added prevailing wage cost premium
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	\$115,000	_____	
Professional Services/Contracts	\$6,500	_____	
Other <u>project management fees</u>	\$8,500	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$130,000	\$0	Grand Total \$130,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation Recommendation Last Changed
 Operator
 Date/Time

Initial Funding
 Council or City Manager Approval Date
 Council or City Manager Approval Item
 Council or City Manager Approval Amount

Project Timeline

Timeline after Revision 1		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 11:44:26 AM			
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Revision 1					
Description	2016-17				
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Original Timeline					
Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 2/6/2013 3:50:42 PM			
Description	2013-14	2014-15	2015-16	2016-17	
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1		Created By: LANDIS, JONATHAN R.					
Project Cost after Revision 1: \$130,000		Created Date: 12/29/2015 11:44:46 AM					
Financing Source	2018-19	2019-20	2020-21				Total
To Be Determined							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18		Total
General Fund-Building Maint Fd	\$100,000						\$100,000
To Be Determined				\$30,000			\$30,000
Sub-Total:	\$100,000	\$0	\$0	\$30,000	\$0		\$130,000
Revision 1 Amount: \$30,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$30,000					\$30,000
Sub-Total:		\$30,000	\$0	\$0	\$0	\$0	\$30,000
Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$100,000		Created Date: 2/6/2013 3:50:42 PM					
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	01/14/2014 12A	\$100,000					\$100,000
Sub-Total:		\$100,000	\$0	\$0	\$0	\$0	\$100,000

Financing Source Options

Revision 1		Created By: LANDIS, JONATHAN R.	
Total Amount: \$30,000		Created Date: 12/29/2015 11:45:06 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$30,000	
Original Budget		Created By: LANDIS, JONATHAN R.	
Amount: \$100,000		Created Date: 2/6/2013 3:50:42 PM	
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$100,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$130,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$30,000
General Fund-Building Maint Fd	\$100,000	\$100,000
Grand Total:	\$100,000	\$130,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$130,000

Financing Source	2018-19	2019-20	2020-21			Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	\$100,000					\$100,000
To Be Determined				\$30,000		\$30,000
Sub-Total:	\$100,000	\$0	\$0	\$30,000	\$0	\$130,000

Net Changes

Amount: \$30,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$30,000					\$30,000
Sub-Total:	\$30,000	\$0	\$0	\$0	\$0	\$30,000

Original Budget
Amount: \$100,000

Created By: LANDIS, JONATHAN R.
Created Date: 2/6/2013 3:50:42 PM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	\$100,000					\$100,000
Sub-Total:	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Quarterly Updates

Month	<input type="text" value="March"/>	Year	<input type="text" value="2016"/>
Scheduled for 2016.			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2015"/>
No schedule at this time.			
Month	<input type="text" value="September"/>	Year	<input type="text" value="2015"/>
No schedule at this time.			
Month	<input type="text" value="June"/>	Year	<input type="text" value="2015"/>
No schedule at this time.			
Month	<input type="text" value="March"/>	Year	<input type="text" value="2015"/>
No schedule at this time.			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2014"/>
No schedule at this time.			
Month	<input type="text" value="September"/>	Year	<input type="text" value="2014"/>
No schedule ready.			
Month	<input type="text" value="June"/>	Year	<input type="text" value="2014"/>
No schedule ready.			
Month	<input type="text" value="March"/>	Year	<input type="text" value="2014"/>
No schedule ready.			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2013"/>
No Update Submitted			

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	\$100,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$100,000.00
Actual	\$0.00
Encumbrances	\$0.00
Unposted Transaction	\$0.00
Available Budget	\$100,000.00

Revenue

Life To Date Budget - Posted	\$100,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$100,000.00
Actual	\$100,000.00
Unposted Transaction	\$0.00
Available Budget	\$0.00

Request #: 2016-00606
FEAP869

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Various Buildings
Project Title	Replace Various Heating and Air Conditioning (HVAC) units within City Facilities
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	MEGERDICHIAN, DIANE K.
Project Leader's Email	dmegerdichian@torranceca.gov
Project Start Date	01/14/2014
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description

Replacement of various heating and air conditioning (HVAC) units within City facilities. List included below.

Desalinization Plant 1 package unit
 Bldg & Safety 1 package unit
 West Annex 1 boiler
 FS #1 2 package units
 FS #4 1 package unit
 FS #6 2 package units
 El Retiro Library 1 package unit
 Ken Miller 1 package unit

Justification

There are numerous smaller HVAC units throughout the City that have exceeded or are approaching a 25 year life. These units require extra labor and materials to keep operating and are also below current efficiency standards. Replacement of these units is recommended.

revision: \$75,000 added for prevailing wage cost premium

Impact of Non-Approval

unseasonally hot and cold citizens and employees

Other Alternatives Considered

none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	\$175,000	_____	
Professional Services/Contracts	\$15,000	_____	
Other _____	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$200,000	\$0	Grand Total <u> \$200,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

Recommendation **Recommendation Last Changed**

Operator

Date/Time

Initial Funding

Council or City Manager Approval Date

Council or City Manager Approval Item

Council or City Manager Approval Amount

Project Timeline

Timeline after Revision 1		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 11:50:02 AM			
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Revision 1					
Description	2016-17				
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 2/6/2013 4:52:16 PM			
Description	2013-14	2014-15	2015-16	2016-17	
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1		Created By: LANDIS, JONATHAN R.					
Project Cost after Revision 1: \$200,000		Created Date: 12/29/2015 11:49:26 AM					
Financing Source	2018-19	2019-20	2020-21			Total	
To Be Determined						\$0	
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
General Fund-Building Maint Fd	\$125,000					\$125,000	
To Be Determined				\$75,000		\$75,000	
Sub-Total:	\$125,000	\$0	\$0	\$75,000	\$0	\$200,000	
Revision 1 Amount: \$75,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$75,000					\$75,000
Sub-Total:		\$75,000	\$0	\$0	\$0	\$0	\$75,000
Original Budget Amount: \$125,000		Created By: LANDIS, JONATHAN R.					
		Created Date: 2/6/2013 4:52:16 PM					
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	01/14/2014 12A	\$125,000					\$125,000
Sub-Total:		\$125,000	\$0	\$0	\$0	\$0	\$125,000

Financing Source Options

Revision 1		Created By:	LANDIS, JONATHAN R.
Total Amount: \$75,000		Created Date:	12/29/2015 11:49:04 AM
Total Percentage: 100%			
Financing Source		Percent	Amount
General Fund-Building Maint Fd		100%	\$75,000
Original Budget		Created By:	LANDIS, JONATHAN R.
Amount: \$125,000		Created Date:	2/6/2013 4:52:16 PM
Financing Source		Percent	Amount
General Fund-Building Maint Fd		100%	\$125,000

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$200,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$75,000
General Fund-Building Maint Fd	\$125,000	\$125,000
Grand Total:	\$125,000	\$200,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$200,000

Financing Source	2018-19	2019-20	2020-21			Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	\$125,000					\$125,000
To Be Determined				\$75,000		\$75,000
Sub-Total:	\$125,000	\$0	\$0	\$75,000	\$0	\$200,000

Net Changes

Amount: \$75,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$75,000					\$75,000
Sub-Total:	\$75,000	\$0	\$0	\$0	\$0	\$75,000

Original Budget
Amount: \$125,000

Created By: LANDIS, JONATHAN R.
Created Date: 2/6/2013 4:52:16 PM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund-Building Maint Fd	\$125,000					\$125,000
Sub-Total:	\$125,000	\$0	\$0	\$0	\$0	\$125,000

Quarterly Updates

Month Year

Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.

Month Year

Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.

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Month Year

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Month Year

Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.

Month Year

No schedule at this time.

Month Year

No schedule ready.

Month Year

No schedule ready.

Month Year

No schedule ready.

Month Year

No Update Submitted

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses		Revenue	
Life To Date Budget - Posted	\$125,000.00	Life To Date Budget - Posted	\$125,000.00
Life To Date Budget - Unposted	\$0.00	Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$125,000.00	Total Life To Date Budget	\$125,000.00
Actual	\$0.00	Actual	\$125,000.00
Encumbrances	\$0.00		
Unposted Transaction	\$0.00	Unposted Transaction	\$0.00
Available Budget	\$125,000.00	Available Budget	\$0.00

Request #: 2016-00607

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Libraries and Fire Stations
Project Title	Replace roof WALTERIA Library, Henderson Library and Fire Station #4
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description
Replace roof WALTERIA Library, Henderson Library and Fire Station #4
Justification
Roofs are beyond 25 years old and have leaks at various spots. Replacement of the roofs will eliminate water damage to the facility and building contents.
Impact of Non-Approval
damaged buildings and building contents
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$180,000	_____	
Other _____	\$18,000	_____	
Other _____	\$8,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$206,000	\$0	Grand Total \$206,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	LANDIS, JONATHAN R.			
		Created Date:	12/29/2015 1:37:16 PM			
Description	2017-18					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	LANDIS, JONATHAN R.				
Amount: \$206,000		Created Date:	12/29/2015 1:37:16 PM				
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$206,000					\$206,000
Sub-Total:		\$206,000	\$0	\$0	\$0	\$0	\$206,000

Financing Source Options

Original Budget		Created By:	LANDIS, JONATHAN R.	
Total Amount: \$206,000		Created Date:	12/29/2015 1:37:16 PM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
General Fund-Building Maint Fd	100%	\$206,000		

Request #: 2016-00608

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Electrical Panels - various buildings
Project Title	Inspect and test electrical panels - various buildings
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description
Inspect and test various electrical panels Human Resources City Hall/East Annex West Annex Police Department
Justification
Electrical panels are typically original to the building. periodic cleaning and inspection is typically recommended to reduce chances of failure and ensure breakers open and close when needed.
Impact of Non-Approval
possible failure of electrical breakers. possible inability to open or close breakers when needed.
Other Alternatives Considered
repair on failure

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$130,000	_____	
Other PM fee (10%)	\$13,000	_____	
Other engineering services	\$7,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$150,000	\$0	Grand Total <u> \$150,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

7

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 1:45:54 PM			
Description	2016-17	2017-18			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$150,000		Created Date: 12/29/2015 1:45:54 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$75,000	\$75,000				\$150,000
Sub-Total:		\$75,000	\$75,000	\$0	\$0	\$0	\$150,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$150,000		Created Date: 12/29/2015 1:52:20 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$150,000	

Request #: 2016-00609

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Fire Stations
Project Title	Fire Station Door Preventive Maintenance and Replacement
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description
Perform preventative maintenance inspection on various fire station doors. Perform repair and replacement as needed
Justification
Fire Station doors currently fail on a regular basis due a highfrequency of use. To reduce failures and ongoing maintenace a periodic preventative maintenance inspection should be conducted followed by a separate repair and replacement contract based on need assessment.
Impact of Non-Approval
continued failure and costly repairs (approx \$40-80,000 annually)
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$140,000	_____	
Other PM fee (10%)	\$14,000	_____	
Other Engineering Services	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$164,000	\$0	Grand Total \$164,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By:	LANDIS, JONATHAN R.			
		Created Date:	12/29/2015 1:57:45 PM			
Description	2017-18					
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$164,000		Created By:	LANDIS, JONATHAN R.				
		Created Date:	12/29/2015 1:57:45 PM				
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$164,000					\$164,000
Sub-Total:		\$164,000	\$0	\$0	\$0	\$0	\$164,000

Financing Source Options

Original Budget Total Amount: \$164,000		Total Percentage: 100%	Created By:	LANDIS, JONATHAN R.	
			Created Date:	12/29/2015 1:57:45 PM	
Financing Source	Percent	Amount			
General Fund-Building Maint Fd	100%	\$164,000			

Request #: 2016-00610

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Various HVAC
Project Title	HVAC replacements - phase 3
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description
Replace various HVAC equipment CAC HVAC control system Toyota Meeting Hall HVAC City Hall - back up A/C unit Torrance Art Museum - 2 package units
Justification
CAC controls are original to the building and require upgrading to monitor systems and control temperature and times of use. Remaining systems are experiencing increased breakdowns due to age. Replacement of all systems are required to maintain useable spaces for employees and the public.
Impact of Non-Approval
Increased breakdowns, possible failure of systems without prompt or economical replacements
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	\$400,000	_____	
Professional Services/Contracts	\$40,000	_____	
Other _____	\$45,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$485,000	\$0	Grand Total \$485,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 2:10:12 PM			
Description	2018-19	2019-20			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$485,000		Created Date: 12/29/2015 2:10:12 PM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$285,000	\$200,000				\$485,000
Sub-Total:		\$285,000	\$200,000	\$0	\$0	\$0	\$485,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$485,000		Created Date: 12/29/2015 2:10:12 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$485,000	

Request #: 2016-00611

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Civic Center and Parks
Project Title	Upgrade Exterior Lighting - Civic Center and Parks
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description
Upgrade existing exterior lighting at Civic Center and Parks areas.
Justification
Energy conservation of 20-40% of existing lighting costs is possible with replacement/retrofitting existing lighting. Improved lighting from LED or other options will also result.
Impact of Non-Approval
energy use and illumination remains constant
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$125,000	_____	
Other PM fee (10%)	\$12,500	_____	
Other engineering services	\$12,500	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$150,000	\$0	Grand Total <u> \$150,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority 14 High

Recommendation

Recommendation Last Changed

Operator

Date/Time 1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.	
		Created Date: 12/29/2015 2:20:41 PM	
Description	2019-20		
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$150,000		Created Date: 12/29/2015 2:20:41 PM					
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$150,000					\$150,000
Sub-Total:		\$150,000	\$0	\$0	\$0	\$0	\$150,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$150,000		Created Date: 12/29/2015 2:20:41 PM	
		Total Percentage: 100%	
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$150,000	

Request #: 2016-00612

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Interior Lighting
Project Title	Upgrade interior lighting - Civic Center
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2019

Project Request Status	Proposed
Approved Project Status	

Description

Upgrade interior lighting by retrofit or replacement
City Hall & East Annex
Civic Center Library
Police Department
City Yard - Services Bldg

Justification

Lighting in these facilities was upgraded to T8 lamps and ballast in 2001 and 2002. Several generations of improvements to lighting with reduction in energy use have occurred since that time. Energy savings of 20% or higher are possible with retrofit or replacement.

Impact of Non-Approval

continued energy use at the present rate

Other Alternatives Considered

none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$175,000	_____	
Other PM fee (10%)	\$17,500	_____	
Other engineering services	\$7,500	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$200,000	\$0	Grand Total \$200,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.	
		Created Date: 12/29/2015 2:27:18 PM	
Description	2018-19		
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$200,000		Created Date: 12/29/2015 2:27:18 PM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$200,000					\$200,000
Sub-Total:		\$200,000	\$0	\$0	\$0	\$0	\$200,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$200,000		Created Date: 12/29/2015 2:27:18 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$200,000	

Request #: 2016-00613

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Parks Buildings
Project Title	Repair Roofs, Parks Buildings
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
Repair or Replace Roofing at various Parks buildings
Justification
Various facilities throughout Torrance's Park systems have roof that have exceeded or are approaching their useful lives. Labor and material costs for spot repairs in response to leaks continue to rise.
Impact of Non-Approval
expanded numbers of leaks, impacted community programs, damage to City Park facilities
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$130,000	_____	
Other PM fee (10%)	\$13,000	_____	
Other engineering services	\$7,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$150,000	\$0	Grand Total <u> \$150,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u> \$0</u>

Department Priority

13

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.	
		Created Date: 12/29/2015 2:34:50 PM	
Description	2019-20	2020-21	
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$150,000		Created Date: 12/29/2015 2:34:50 PM					
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$75,000	\$75,000				\$150,000
Sub-Total:		\$75,000	\$75,000	\$0	\$0	\$0	\$150,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$150,000		Created Date: 12/29/2015 2:34:50 PM	
		Total Percentage: 100%	
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$150,000	

Request #: 2016-00614

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Various Parks and Recreation areas
Project Title	Replace water and sewer lines - Parks and Rec areas
Submitting Department	General Services - Facility Services
Prepared By	LANDIS, JONATHAN R.
Preparer's Email	jlandis@torranceca.gov
Managing Department	General Services - Facility Services
Project Leader	LANDIS, JONATHAN R.
Project Leader's Email	jlandis@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
Repair or replace water and sewage lines in various Parks and Recreation areas
Justification
Various Parks and Recreation areas have old, deteriorating water and sewer lines. Water lines often use galvanized piping from the 1960's which has become corroded and leaking resulting in breaks. Length of the lines result in costly replacement with copper which exceeds operational maintenance budgets. Clay sewage lines have become clogged with roots from multiple trees. These clogs cannot be eliminated due the nature of clay pipe and joint leakage. Length and inadequate slopes on sewage lines also necessitate replacement. Length and depth of the lines result costly replacement with copper which exceeds operational maintenance budgets. Replacement of the impacted lines is the only option
Impact of Non-Approval
broken lines, lack of water and permanent restroom facilities
Other Alternatives Considered
none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments	
Personnel Requirements				
# of positions	_____	_____	[Empty Box]	
Labor costs (Comp Detail Report-Total)	_____	_____		
Date of Comp Detail Report _____				
Equipment				
Materials	_____	_____		
Professional Services/Contracts	\$130,000	_____		
Other PM fee (10%)	\$13,000	_____		
Other engineering services	\$7,000	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Total	\$150,000	\$0	Grand Total \$150,000	

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments	
Additional Personnel Requirements				
# of positions	_____	_____	[Empty Box]	
Annual Labor costs (Comp Detail Report-Total)	_____	_____		
Date of Comp Detail Report _____				
Equipment				
Materials	_____	_____		
Professional Services/Contracts	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Total	\$0	\$0	Grand Total \$0	

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: LANDIS, JONATHAN R.			
		Created Date: 12/29/2015 2:41:32 PM			
Description	2019-20	2020-21			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: LANDIS, JONATHAN R.					
Amount: \$150,000		Created Date: 12/29/2015 2:41:32 PM					
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$75,000	\$75,000				\$150,000
Sub-Total:		\$75,000	\$75,000	\$0	\$0	\$0	\$150,000

Financing Source Options

Original Budget		Created By: LANDIS, JONATHAN R.	
Total Amount: \$150,000		Created Date: 12/29/2015 2:41:32 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund-Building Maint Fd	100%	\$150,000	

Request #: 2016-00623

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Fleet Services Garage
Project Title	Replacement of Light Duty Vehicle Hoists
Submitting Department	General Services - Fleet-Veh Equip Acquisition
Prepared By	BOTILLER, JASUN F.
Preparer's Email	jbotiller@torranceca.gov
Managing Department	General Services - Fleet-Admin
Project Leader	BOTILLER, JASUN F.
Project Leader's Email	jbotiller@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2016

Project Request Status	Proposed
Approved Project Status	

Description
Replacement of seven (7) in-ground light duty vehicle hoists at the Fleet Services Garage.

Justification
The seven (7) in-ground light duty vehicle hoists at the Fleet Services Garage range from 15-30 years old and have met or exceeded their expected lifecycles. Due to their age, the ongoing service and repair of these hoists is no longer able to maintain them at optimum levels of operation. Collectively, the hoists have begun to exhibit recurring issues with fluid leaks, vibration, and worn out hydraulic posts that raise concerns regarding maximum load limits.

Impact of Non-Approval
Rising repair costs and diminishing performance will continue to affect the hoists until they reach critical safety levels for the City vehicles and employees that utilize them on a daily basis.

Other Alternatives Considered
Outsource light duty vehicle repairs that require the use of a hoist. In the short term this could lead to delayed repair turnarounds, and over a longer period it would become logistically impractical and cost ineffective.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$210,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other Management Fee	\$21,000	_____	
Other Environmental Hoist Removal fee	\$19,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$250,000	\$0	Grand Total \$250,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$3,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$3,000	\$0	Grand Total \$3,000

Department Priority:

Recommendation:

Recommendation Last Changed:

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	BOTILLER, JASUN F.			
		Created Date:	3/17/2016 11:26:34 AM			
Description	2016-17					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	BOTILLER, JASUN F.				
Amount: \$250,000		Created Date:	3/17/2016 11:26:34 AM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$250,000					\$250,000
Sub-Total:		\$250,000	\$0	\$0	\$0	\$0	\$250,000

Financing Source Options

Original Budget		Created By:	BOTILLER, JASUN F.	
Total Amount: \$250,000		Created Date:	3/17/2016 11:26:34 AM	
Total Percentage: 100%				
Financing Source	Percent	Amount		
Fleet Vehicle Replacement Fund	100%	\$250,000		

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**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
POLICE
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2016-00545	1 Med	Hazard Mitigation-Emergency Operations Plan	16-17 18-19	General Fund General Fund	\$ 100,000 35,000 <u>135,000</u>	-	261
2016-00549 FEAP779	3 High	Jail Locks and Control Panel	16-17	General Fund	60,000	-	272
<p>This project has previously approved budget of \$60,000. Department is requesting an additional \$60,000 bringing the project total to \$120,000</p>							
2016-00551	1 High	Body/Vehicle Cameras & Mobile Computer Devices	16-17 17-18 18-19 19-20	General Fund * General Fund * General Fund * General Fund *	200,000 300,000 700,000 700,000 <u>1,900,000</u>	-	278
<p>* First year will be funded with the intent that future years will be funded as funds become available</p>							
2016-00629	1 High	Automated License Plate Recognition System	16-17 17-18	General Fund General Fund	300,000 300,000 <u>600,000</u>	12,000	283
TOTAL-POLICE RECOMMENDED PROJECTS					2,695,000	12,000	

PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)

POLICE
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
DEFERRED PROJECTS							
2016-00548 FEAP569	3 Med	Emergency Operations Center (EOC) Enhancement This project has previously approved budget of \$105,800. Department is requesting an additional \$100,000 bringing the project total to \$205,800	16-17	General Fund	100,000	-	264
2016-00615	2 High	Range Upgrade	16-17 16-17	Gen Fund-From completed project- FEAP731-Forensic Lab General Fund	28,000 72,000		281
			16-17 16-17 16-17	Asset Forfeiture- DOJ from completed FEAP731- Forensic Lab Asset Forfeiture- DOJ DIF-Police Impact Fees	4,512 60,488 85,000 <u>250,000</u>		
TOTAL-POLICE DEFERRED PROJECTS					\$ 350,000	\$ -	

Request #: 2016-00545

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Other
Project Location	Police Department
Project Title	Hazard Mitigation- EOP Plan
Submitting Department	Police - Research and Training
Prepared By	SENTINELLA, KENT J.
Preparer's Email	ksentinella@torranceca.gov
Managing Department	Police - Office of the Chief of Police
Project Leader	SUTHERLIN, SORAYA C.
Project Leader's Email	ssutherlin@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2019

Project Request Status	Proposed
Approved Project Status	

Description
Development of updated, Hazard Mitigation and Emergency Operations Plans for the City.

Justification
In light of recent industrial accidents and evolving terrorist threats occurring in the region, the City needs to refresh its Hazard Mitigation and Emergency Operations Plans to provide updated direction and guidance to City departments and the public concerning mitigation measures to lessen the risk of various hazards that threaten the City.

Impact of Non-Approval
The City will be reliant on outdated emergency plans that don't reflect updated measures to mitigate and respond to evolving hazard threats.

Other Alternatives Considered
None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Contract services would include a year one expenditure of \$100K for a new Emergency Operations Plan; and a year three expenditure of \$35K for a new Hazmit plan.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$135,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$135,000	\$0	Grand Total \$135,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority:

Recommendation:

Recommendation Last Changed:

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By: SENTINELLA, KENT J.			
		Created Date: 12/15/2015 7:28:15 AM			
Description	2016-17	2017-18	2018-19		
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: SENTINELLA, KENT J.					
Amount: \$135,000		Created Date: 12/15/2015 7:28:15 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$100,000		\$35,000			\$135,000
Sub-Total:		\$100,000	\$0	\$35,000	\$0	\$0	\$135,000

Financing Source Options

Original Budget		Created By: SENTINELLA, KENT J.	
Total Amount: \$135,000		Created Date: 12/18/2015 9:23:47 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$135,000	

Request #: 2016-00548
FEAP569

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	City of Torrance Emergency Operations Center
Project Title	EOC Enhancement
Submitting Department	Police - Office of the Chief of Police
Prepared By	ANDERSON, LAURIE C.
Preparer's Email	landerson@torranceca.gov
Managing Department	Police - Office of the Chief of Police
Project Leader	SUTHERLIN, SORAYA C.
Project Leader's Email	ssutherlin@torranceca.gov
Project Start Date	05/23/2006
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$100,000

Purchase and installation of computer, audio/visual equipment and workstations for the City's Emergency Operations Center (EOC).

Justification

The City's Emergency Operations Center (EOC) serves as the coordination point during a localized emergency or major disaster. Following the last EOC activation for the simulated disaster on November 17, 2005, staff conducted a needs assessment to enhance the capabilities of the emergency management staff. Staff has identified several areas in need of improvement, including new workstations, expanded computer/audio & visual/communications capabilities, and the need for essential emergency food/water and supplies for EOC staff.

This project will replace existing furniture to provide ergonomic workstations for staff that at times will work 12+ hour shifts. Additionally, funding will allow for the purchase of additional computers and related supplies and enhanced audiovisual equipment to allow staff to efficiently monitor and coordinate the City's emergency response. Included in the project, staff will institute an emergency credentialing system and a satellite communications system to ensure linkages with first responders and other city and county agencies. Lastly, this project will allow for the purchase and storage of emergency food, water, shelter and related supplies for EOC staff and the staff of the collocated communications center.

Additional project funding of \$100K is being requested for additional EOC upgrades including: multiple Smartboards; a new, High Def projection system with screen and audio; cabling and wiring infrastructure for interconnectivity to City systems (i.e., GIS mapping, etc.); new, EOC laptops; and miscellaneous EOC supplies for document storage/organization.

Impact of Non-Approval

N/A

Other Alternatives Considered

N/A

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	\$205,800	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$205,800	\$0	Grand Total <u>\$205,800</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u>\$0</u>

Department Priority

Recommendation Recommendation Last Changed
 Operator
 Date/Time

Initial Funding
 Council or City Manager Approval Date
 Council or City Manager Approval Item
 Council or City Manager Approval Amount

Project Timeline

Timeline after Revision 1		Created By: ANDERSON, LAURIE C.			
		Created Date: 2/23/2011 10:35:14 AM			
Description	2010-11	2011-12	2012-13	2013-14	2014-15
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2005-06	2006-07	2007-08	2008-09	2009-10
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 1					
Description	2010-11	2011-12	2012-13	2013-14	2014-15
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Original Timeline		Created By: REYES, JOYCE I.			
		Created Date: 11/2/2010 4:44:42 PM			
Description	2005-06	2006-07	2007-08	2008-09	2009-10
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1		Created By: SENTINELLA, KENT J.					
Project Cost after Revision 1: \$205,800		Created Date: 12/18/2015 9:16:30 AM					
Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
To Be Determined	\$100,000					\$100,000	
Sub-Total:	\$100,000	\$0	\$0	\$0	\$0	\$100,000	
Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10	Total	
General Fund		\$105,800				\$105,800	
Sub-Total:	\$0	\$105,800	\$0	\$0	\$0	\$105,800	
Revision 1 Amount: \$100,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$100,000					\$100,000
Sub-Total:		\$100,000	\$0	\$0	\$0	\$0	\$100,000
Original Budget		Created By: REYES, JOYCE I.					
Amount: \$105,800		Created Date: 11/2/2010 4:44:42 PM					
Financing Source	Council Approved Date/Time	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund	05/23/2006 12A		\$105,800				\$105,800
Sub-Total:		\$0	\$105,800	\$0	\$0	\$0	\$105,800

Financing Source Options

Revision 1		Created By: REYES, JOYCE I.	
Total Amount: \$100,000		Created Date: 3/21/2016 2:39:26 PM	
Financing Source		Percent	Amount
General Fund		100%	\$100,000
Original Budget		Created By: REYES, JOYCE I.	
Amount: \$105,800		Created Date: 3/1/2011 9:21:47 AM	
Financing Source		Percent	Amount
General Fund		100%	\$105,800

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)
 Total Project Cost: \$205,800

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$100,000
General Fund	\$105,800	\$105,800
Grand Total:	\$105,800	\$205,800

By Sources/By Fiscal Year (Excluding Ongoing cost)
 Total Project Cost: \$205,800

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$100,000					\$100,000
Sub-Total:	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund		\$105,800				\$105,800
Sub-Total:	\$0	\$105,800	\$0	\$0	\$0	\$105,800

Net Changes
 Amount: \$100,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$100,000					\$100,000
Sub-Total:	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Original Budget
 Amount: \$105,800

Created By: REYES, JOYCE I.
 Created Date: 11/2/2010 4:44:42 PM

Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund		\$105,800				\$105,800
Sub-Total:	\$0	\$105,800	\$0	\$0	\$0	\$105,800

Quarterly Updates

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

Month Year

Ongoing project.

Month Year

Procured equipment and supplies.

Month Year

Ongoing program.

Month Year

Ongoing project.

Month Year

Ongoing program.

Month Year

Ongoing.

Month Year

Ongoing.

Month Year

No update.

Month Year

Awaiting new Emergency Services Coordinator for enhancements.

Month Year

Ongoing.

Month Year

Supplies have been purchased and are in storage. The wiring of the EOC breakout rooms is complete and will be tested in the "Shakeout" scheduled for 10/21/2010. Budget \$105,800 Expenses (86,658) Balance 09/30/10 \$ 19,142

Month Year

No update. Budget \$105,800 Expenses (71,347) Balance 06/30/10 \$ 34,453

Month Year

Working with vendor on food/water for EOC staff; working with City Communications staff to wire EOC breakout rooms (Chief's Office, Research & Training) for Level 2 or 3 activation. Budget \$105,800 Expenses (71,347) Balance 03/31/10 \$ 34,453

Month Year

Ongoing project. Equipment purchases will continue through 2010. Budget \$105,800 Expenses (71,347) Balance 12/31/09 \$ 34,453

Month Year

No update.

Month Year

No update.

Month Year

No update.

Month Year

Purchases of replacement equipment will continue through 2009.

Month Year

A County-wide disaster exercise is planned for November; this exercise will be used to assess any needed enhancements for the EOC.

Month Year

Most of the work is complete. Next is acquisition of a storage container and supplies.

Month Year

No update.

Month Year

No update.

Month Year

Project is ongoing.

Month Year

Televisions have been purchased and installed. Still working on the audio/video and obtaining storage for supplies. Project will be completed by the end of the calendar year or as soon as storage space becomes available.

Month Year

The Department has upgraded the networking capabilities of the EOC, replaced the tables and chairs and overhead projector, and purchased the emergency credentialing ID card machine and four general use laptops and one GIS laptop. Work continues to replace the existing televisions and purchase emergency food, water, satellite phones, and other supplies for the EOC.

Month Year

Initial purchases have commenced (EOC furniture, ID Card System, network system upgrade); installation expected within 90 days.

Month Year

Planning is completed; the initial purchases and installation are imminent.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$105,800.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$105,800.00</u>
Actual	<u>\$100,519.93</u>
Encumbrances	<u>\$0.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$5,280.07</u>

Revenue

Life To Date Budget - Posted	<u>\$105,800.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$105,800.00</u>
Actual	<u>\$105,800.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Request #: 2016-00549
FEAP779

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Police Department Jail
Project Title	Jail Locks & Control Panel
Submitting Department	Police - Technical Services
Prepared By	CARVALLO, JENNIFER L.
Preparer's Email	jcarvallo@torranceca.gov
Managing Department	Police - Technical Services
Project Leader	D'ANJOU, STEVE M.
Project Leader's Email	sdanjou@torranceca.gov
Project Start Date	01/10/2012
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$60,000
 Replacement of the jail locks and Jail Lock Security Panel

Justification

The City jail facility has been in continuous operation since it was completed in 1982. Over the years, problems resulting from normal wear and tear were addressed by City maintenance personnel. There have been occasions where it has been necessary to contact Southern Folger Detention Equipment Company, the company that supplied the cell door locks, for repair or replacement of locks. As a result of an inspection of the jail in 2006, it was necessary to replace locks on six access doors to the jail facility. Since that time, the Department has experienced problems with the Jail Lock Security Panel, which controls the opening and locking of the jail doors. This current Panel is outdated and occasionally malfunctions, which jeopardizes the safety of the prisoners, jail staff and officers. In order for the Department to stay within current procedures/guidelines, both the current jail locks and Jail Lock Security Panels must be replaced in order to maintain the security of the facility.

Additional funding request of \$60,000 to facilitate the replacement of jail locks in tandem with jail lock security panels.

Impact of Non-Approval

Increased liability in the event an inmate escapes and hurts an employee or fellow inmate.

Other Alternatives Considered

None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

	Within Department	Support Department	Comments	
Personnel Requirements				
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>	
Labor costs (Comp Detail Report-Total)	_____	_____		
Date of Comp Detail Report _____				
Equipment				
Materials	_____	_____		
Professional Services/Contracts	\$120,000	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Total	\$120,000	\$0	Grand Total \$120,000	

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

	Within Department	Support Department	Comments	
Additional Personnel Requirements				
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"> Annual Maintenance on the Jail Lock Control Panel. </div>	
Annual Labor costs (Comp Detail Report-Total)	_____	_____		
Date of Comp Detail Report _____				
Equipment				
Materials	_____	_____		
Professional Services/Contracts	_____	\$3,000		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Other _____	_____	_____		
Total	\$0	\$3,000	Grand Total \$3,000	

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Initial Funding

Council or City Manager Approval Date

Council or City Manager Approval Item

Council or City Manager Approval Amount

Project Timeline

Original Timeline		Created By: CARVALLO, JENNIFER L.			
		Created Date: 3/15/2011 4:44:54 PM			
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1		Created By: SENTINELLA, KENT J.					
Project Cost after Revision 1: \$120,000		Created Date: 12/18/2015 9:41:46 AM					
Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
To Be Determined	\$60,000					\$60,000	
Sub-Total:	\$60,000	\$0	\$0	\$0	\$0	\$60,000	
Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total	
General Fund	\$60,000					\$60,000	
Sub-Total:	\$60,000	\$0	\$0	\$0	\$0	\$60,000	
Revision 1 Amount: \$60,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$60,000					\$60,000
Sub-Total:		\$60,000	\$0	\$0	\$0	\$0	\$60,000
Original Budget		Created By: CARVALLO, JENNIFER L.					
Amount: \$60,000		Created Date: 3/15/2011 4:44:54 PM					
Financing Source	Council Approved Date/Time	2011-12	2012-13	2013-14	2014-15	2015-16	Total
General Fund	01/10/2012 12A	\$60,000					\$60,000
Sub-Total:		\$60,000	\$0	\$0	\$0	\$0	\$60,000

Financing Source Options

Revision 1		Created By: REYES, JOYCE I.	
Total Amount: \$60,000		Created Date: 3/21/2016 2:46:22 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$60,000	
Original Budget		Created By: CARVALLO, JENNIFER L.	
Amount: \$60,000		Created Date: 3/15/2011 4:53:00 PM	
Financing Source	Percent	Amount	
General Fund	100%	\$60,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)
 Total Project Cost: \$120,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$60,000
General Fund	\$60,000	\$60,000
Grand Total:	\$60,000	\$120,000

By Sources/By Fiscal Year (Excluding Ongoing cost)
 Total Project Cost: \$120,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$60,000					\$60,000
Sub-Total:	\$60,000	\$0	\$0	\$0	\$0	\$60,000

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
General Fund	\$60,000					\$60,000
Sub-Total:	\$60,000	\$0	\$0	\$0	\$0	\$60,000

Net Changes
 Amount: \$60,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$60,000					\$60,000
Sub-Total:	\$60,000	\$0	\$0	\$0	\$0	\$60,000

Original Budget
 Amount: \$60,000

Created By: CARVALLO, JENNIFER L.
 Created Date: 3/15/2011 4:44:54 PM

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
General Fund	\$60,000					\$60,000
Sub-Total:	\$60,000	\$0	\$0	\$0	\$0	\$60,000

Quarterly Updates

Month	March	Year	2016	Staff reviewing vendor proposals
Month	December	Year	2015	Project in progress.
Month	September	Year	2015	General Services working with PD to complete safety upgrades.
Month	June	Year	2015	General Services working with PD to complete safety upgrades.
Month	March	Year	2015	Additional quotes needed to identify final cost of project. General Services working with PD to complete safety upgrades.
Month	December	Year	2014	Researching control panels to include video monitoring capabilities. Met with General Services in Dec/14 on this project.
Month	September	Year	2014	Identifying needs for jail security. Contacting companies for jail panel replacement.
Month	June	Year	2014	Procurement in process.
Month	March	Year	2014	Ongoing project.
Month	December	Year	2013	Security needs assessment continuing. Previous vendor quotes expired - new quotes needed.
Month	September	Year	2013	Secured vendor quotes. Security needs assessment is progressing.
Month	June	Year	2013	Secured vendor quotes. Security needs assessment is progressing.
Month	March	Year	2013	Secured vendor quotes. Security needs assessment is progressing.
Month	December	Year	2012	Secured vendor quotes. Security needs assessment is progressing.
Month	September	Year	2012	Security needs assessment is progressing.

Month Year

Currently assessing potential security enhancements in the jail.

Month Year

Work to commence next quarter.

Month Year

No update.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$60,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$60,000.00</u>
Actual	<u>\$0.00</u>
Encumbrances	<u>\$0.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$60,000.00</u>

Revenue

Life To Date Budget - Posted	<u>\$60,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$60,000.00</u>
Actual	<u>\$60,000.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Request #: 2016-00551

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	Police Department
Project Title	Body/Vehicle Cameras & Mobile Computer Devices
Submitting Department	Police - Office of the Chief of Police
Prepared By	SENTINELLA, KENT J.
Preparer's Email	ksentinella@torranceca.gov
Managing Department	Police - Office of the Chief of Police
Project Leader	MEGEFF, JON R.
Project Leader's Email	jmegeff@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description
Acquisition of body and vehicle camera system along with integrated, mobile computer devices inclusive of hardware, software, data storage and maintenance.

Justification
Recent, high-profile incidents have occurred across the nation involving citizen contacts with law enforcement officers. Such incidents have increased public scrutiny of police officers and have demonstrated the potential benefits of officer access to video cameras in the field. Vehicle and body cameras can be an effective tool to mitigate liability from personnel complaints and lawsuits. Additionally, Police needs to replace its cache of outdated mobile computing devices which are vehicle deployed and must be integrated with officer camera systems for maximized performance.

Impact of Non-Approval
Police will remain reliant on audio recorders for evidentiary value of field contacts and continue to deploy outdated computer technology in police vehicles.

Other Alternatives Considered
N/A

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	Acquisition costs include on-body and vehicle camera hardware; mobile computing devices hardware; operating software; associated IT support equipment (i.e., servers, etc.); and multi-year contract services for maintenance and/or data cloud storage. Until the City enters into a purchasing agreement, we are unable to estimate annual ongoing costs. However, it is the City's intent at the initial purchase time to enter into a five year agreement which will include maintenance for the five year period.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$1,900,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$1,900,000	\$0	Grand Total \$1,900,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: SENTINELLA, KENT J.			
		Created Date: 12/15/2015 11:50:56 AM			
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Survey/Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: SENTINELLA, KENT J.					
Amount: \$1,900,000		Created Date: 12/15/2015 11:50:56 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$200,000	\$300,000	\$700,000	\$700,000		\$1,900,000
Sub-Total:		\$200,000	\$300,000	\$700,000	\$700,000	\$0	\$1,900,000

Financing Source Options

Original Budget		Created By: SENTINELLA, KENT J.	
Total Amount: \$1,900,000		Created Date: 12/18/2015 9:58:55 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$1,900,000	

Type of Project	Facilities
Project Location	Police Department
Project Title	Range Upgrade
Submitting Department	Police - Office of the Chief of Police
Prepared By	SENTINELLA, KENT J.
Preparer's Email	ksentinella@torranceca.gov
Managing Department	Police - Office of the Chief of Police
Project Leader	ATHAN, MARK W.
Project Leader's Email	mathan@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description
 Firearms Range Upgrade- includes updated fire range technology, operating systems, and computers, and associated facility retrofitting including hazardous material demolition.

Justification
 The Department's firing Range infrastructure is antiquated with outdated firing lane mechanisms and operating systems which are prone to malfunction and piece meal repairs. Additionally, the Range is not rifle rated and currently capable of being used only for handgun training and qualification. Outfitting the range with updated firing lane technology, operating systems, computers and corresponding facility retrofitting will enable Police to both train and qualify with greater efficiency, and allow the consolidation of resources to include long firearms training.

Impact of Non-Approval
 The Department will remain reliant on outdated Range technology that inhibits the firearms training of staff at maximum efficiency and continues the need for staff to travel to distant facilities for long range firearms training and qualification.

Other Alternatives Considered
 None.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)			
	Within Department	Support Department	Comments
Personnel Requirements			
# of positions	_____	_____	Police department is requesting that \$32,512 funding (\$28,000 from General Fund) and (\$4,512 from Asset Forfeiture-DOJ) from a completed project (FEAP731-Forensic Lab) be transferred to the proposed Range Upgrade Project. In addition to the \$32,512, department is requesting \$85,000 funding from the Police Impact fee and \$60,488 in Asset Forfeiture- DOJ- Unapprop and \$72,000 in General Fund for a grand total of \$250,000 budget for the Range Upgrade project. Annual maintenance is already included in the Police operating budget.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	\$250,000	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$250,000	Grand Total \$250,000

**Estimated Annual Ongoing Operating and Maintenance Costs
(UPON PROJECT COMPLETION/IMPLEMENTATION)**

Not Applicable

Within Department Support Department Comments

Additional Personnel Requirements

# of positions	_____	_____
Annual Labor costs (Comp Detail Report-Total)	_____	_____
Date of Comp Detail Report _____		
Equipment	_____	_____
Materials	_____	_____
Professional Services/Contracts	_____	_____
Other _____	_____	_____
Total	\$0	\$0

Grand Total _____ **\$0**

Department Priority

2

High

Project Timeline

Original Timeline	Created By:	SENTINELLA, KENT J.				
	Created Date:	1/12/2016 2:39:07 PM				
Description	2016-17					
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$250,000	Created By:	SENTINELLA, KENT J.					
	Created Date:	1/12/2016 2:39:07 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$250,000					\$250,000
Sub-Total:		\$250,000	\$0	\$0	\$0	\$0	\$250,000

Financing Source Options

Original Budget Total Amount: \$250,000	Total Percentage: 100%	Created By:	SENTINELLA, KENT J.	
		Created Date:	1/12/2016 3:23:09 PM	
Financing Source	Percent	Amount		
General Fund	40%	\$100,000		
Asset Forf-DOJ-Capital Proj Fd	2%	\$4,512		
DIF-Police Impact Fee Project	34%	\$85,000		
Asset Forfeiture-DOJ-Unapprop	24%	\$60,488		

Request #: 2016-00629

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Automation
Project Location	City wide
Project Title	Automated License Plate Recognition System
Submitting Department	Police - Research and Training
Prepared By	MEGERDICHIAN, DIANE K.
Preparer's Email	dmeگردichian@torranceca.gov
Managing Department	Police - Communications
Project Leader	ATHAN, MARK W.
Project Leader's Email	mathan@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description
 The Automated License Plate Recognition System (ALPRS) is a vehicle mounted or fixed-point camera, software, and database system that is used to locate stolen or wanted vehicles. Staff is recommending installation of ten (10) ALPRS at points of entry/exit to or from the City.

Justification
 Installation of ALPRS will provide additional investigative tools to aid in the apprehension of violators.

Impact of Non-Approval
 Collection of less investigative data.

Other Alternatives Considered
 none

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)			
Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	\$ 60,000 per location for the equipment and infrastructure modification.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$200,000	_____	
Materials	_____	_____	
Professional Services/Contracts	\$400,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$600,000	\$0	Grand Total \$600,000

**Estimated Annual Ongoing Operating and Maintenance Costs
(UPON PROJECT COMPLETION/IMPLEMENTATION)**

Not Applicable

Within Department Support Department Comments

Additional Personnel Requirements

# of positions	_____	_____
Annual Labor costs (Comp Detail Report-Total)	_____	_____
Date of Comp Detail Report	_____	_____
Equipment	_____	_____
Materials	_____	_____
Professional Services/Contracts	_____	_____
Other License/Support/Warranty	\$12,000	_____
Other	_____	_____
Total	\$12,000	\$0

\$ 12,000 per yr (\$ 1200 per unit) for five (5) years of support.

Grand Total _____ **\$12,000**

Project Timeline

Original Timeline		Created By: MEGERDICHIAN, DIANE K.			
		Created Date: 4/21/2016 3:20:18 PM			
Description	2016-17	2017-18			
Survey/Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: MEGERDICHIAN, DIANE K.					
Amount: \$600,000		Created Date: 4/21/2016 3:20:18 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$300,000	\$300,000				\$600,000
Sub-Total:		\$300,000	\$300,000	\$0	\$0	\$0	\$600,000

Financing Source Options

Original Budget		Created By: MEGERDICHIAN, DIANE K.	
Total Amount: \$600,000		Created Date: 4/21/2016 4:05:46 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$600,000	

**PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
PUBLIC WORKS
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
RECOMMENDED PROJECTS							
2014-00422	2 High	4th Aerial Lift Truck- Overhead Outdoor Lighting	16-17	Fleet Vehicle Replacement	\$ 140,000	\$ 16,500	287
2016-00554	1 High	Brush Chippers	16-17	Fleet Vehicle Replacement	87,000	14,000	308
2016-00626	4 High	Replacement of Crack Sealing Machine	16-17	Fleet Vehicle Replacement	68,000	10,000	311
TOTAL-PUBLIC WORKS RECOMMENDED FEAP PROJECTS					\$ 295,000	\$ 40,500	
DEFERRED PROJECTS							
2016-00531	1 Low	Storm Water Retention Basin-City Yard and Channel Perimeter Fencing and Gates	16-17 17-18 18-19	General Fund General Fund General Fund	50,000 50,000 50,000		290
					150,000		

PROPOSED FACILITIES, EQUIPMENT & AUTOMATION PLAN (FEAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ FINANCING SOURCES	RECOMMENDED AMT	ONGOING COSTS	PAGE #
DEFERRED PROJECTS							
2016-00533	3 High	Traffic Signal Controllers	16-17 17-18 18-19 19-20 20-21	General Fund General Fund General Fund General Fund General Fund	85,000 85,000 85,000 85,000 85,000 <u>425,000</u>	-	293
2016-00537 FEAP574	1 Med	NPDES Permit and TMDL Compliance for Santa Monica Bay Beaches and Dominguez Channel This project has previously approved budget of \$840,393. Department is requesting an additional \$250,000 bringing the project total to \$1,090,393	16-17 17-18 18-19 19-20 20-21	Sewer Fund Sewer Fund Sewer Fund Sewer Fund Sewer Fund	50,000 50,000 50,000 50,000 50,000 <u>250,000</u>	-	296
TOTAL-PUBLIC WORKS DEFERRED FEAP PROJECTS					\$ 825,000	\$ -	

Type of Project	Equipment
Project Location	Citywide
Project Title	4th Aerial Lift Truck - Overhead Outdoor Lighting
Submitting Department	Public Works - Traffic & Lighting Maintenance
Prepared By	COOPER, STEVEN W.
Preparer's Email	scooper@torranceca.gov
Managing Department	Public Works - Traffic & Lighting Maintenance
Project Leader	COOPER, STEVEN W.
Project Leader's Email	scooper@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2017

Project Request Status	Proposed
Approved Project Status	

Description

This Section now services all outdoor overhead lighting within and around parks and facilities in addition to the overhead street name signs and signals. A technician was transferred from General Services and assigned to this duty. The 4th Signal Technician currently uses vehicle 8492 which is a standard utility body pickup without a lift. We propose to eliminate an 8492 unit from fleet service and use the replacement funds to offset the cost of a new aerial lift truck. The 3 existing technicians each operate aerial lift trucks.

An aerial unit will be used by this technician daily to service all outdoor and overhead lighting needs, as well as, traffic signals and safety lights at intersections citywide.

Justification

The 4th technician needs an aerial lift to service signals and overhead lighting on a daily basis. It would allow for increased efficiency since the technician would be able to make the repairs without waiting for another technician to bring their aerial lift truck.

The calculated contribution towards the replacement vehicle (through to the end of December 15) is approximately \$44,000.

Impact of Non-Approval

The technician cannot perform overhead work on a daily basis, unless his coworkers are off duty.

Other Alternatives Considered

Rentals of standard overhead lift units are not cost effective nor do they meet the City response needs.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	The department is in need of a fourth aerial lift unit for our fourth signal technician. The department proposes removing an underutilized utility truck from the fleet (8492) and using its replacement funds to purchase this unit. Vehicle replacement funding for 8492 currently at \$44,000.
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$140,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$140,000	\$0	Grand Total \$140,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	useful service life 10 years - Materials include fuel, oil and service
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	\$2,500	_____	
Professional Services/Contracts	_____	_____	
Other fleet vehicle replacement funding	_____	\$14,000	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$2,500	\$14,000	Grand Total \$16,500

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: COOPER, STEVEN W.	
		Created Date: 8/15/2013 10:54:12 AM	
Description	2016-17		
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: COOPER, STEVEN W.					
Amount: \$140,000		Created Date: 8/15/2013 10:54:12 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$140,000					\$140,000
Sub-Total:		\$140,000	\$0	\$0	\$0	\$0	\$140,000

Financing Source Options

Original Budget		Created By: COOPER, STEVEN W.	
Total Amount: \$140,000		Created Date: 8/15/2013 1:50:29 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Fleet Vehicle Replacement Fund	100%	\$140,000	

Request #: 2016-00531

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Facilities
Project Location	Henrietta Storm Water Retention Basin, Ocean Avenue Storm Water Retention Basin , Bishop Storm Water
Project Title	Storm Water Retention Basin City Yard and Channel Perimeter Fencing and Gates
Submitting Department	Public Works - Admin
Prepared By	DRAKOD Aidis, JOHN A.
Preparer's Email	jdrakodaidis@torranceca.gov
Managing Department	Public Works - Street Maintenance
Project Leader	ROBINSON, STEPHEN C.
Project Leader's Email	srobinson@torranceca.gov
Project Start Date	06/01/2016
Estimated Completion Date	05/31/2019

Project Request Status	Proposed
Approved Project Status	

Description
Remove existing deteriorated perimeter fencing and gates and install new 6' high chain link fence with 3 strand barb wire extension perimeter security fencing and gates around the Henrietta, Ocean Avenue, Amie, Bishop Storm Water Retention Basins and Entradero Storm Water Channel and City Yard. Approximately 8,000 linear feet of fence. Perimeter fencing was replaced at various basin location in 2006 with feap 471. This new feap will repair additional fence areas of the of the basins that have now deteriorated.

Justification
The perimeter fencing and gates located at the City Yard, Amie, Henrietta, Ocean Avenue, Bishop Storm Water Retention Basins and Entradero Storm Water Channel are in need of replacement. The current fencing and gates have aged and deteriorated at many locations along the perimeter of the Storm Water Retention Basins and are in need of replacement. The Storm Water Retention Basins are located in residential areas and need to be secured to prevent unauthorized persons from entering.

Impact of Non-Approval
Not applicable.

Other Alternatives Considered
None

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$150,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$150,000	\$0	Grand Total \$150,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

Recommendation

Recommendation Last Changed

Operator

Date/Time

Project Timeline

Original Timeline		Created By: DRAKODAIDIS, JOHN A.			
		Created Date: 11/20/2015 2:13:28 PM			
Description	2015-16	2016-17	2017-18	2018-19	-
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: DRAKODAIDIS, JOHN A.					
Amount: \$150,000		Created Date: 11/20/2015 2:13:28 PM					
Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
To Be Determined			\$50,000	\$50,000	\$50,000		\$150,000
Sub-Total:		\$0	\$50,000	\$50,000	\$50,000	\$0	\$150,000

Financing Source Options

Original Budget		Created By: DRAKODAIDIS, JOHN A.	
Total Amount: \$150,000		Created Date: 11/20/2015 2:13:28 PM	
		Total Percentage: 100%	
Financing Source	Percent	Amount	
General Fund	100%	\$150,000	

Type of Project	Equipment
Project Location	Citywide
Project Title	Traffic Signal Controllers
Submitting Department	Public Works - Traffic & Lighting Maintenance
Prepared By	COOPER, STEVEN W.
Preparer's Email	scooper@torranceca.gov
Managing Department	Public Works - Traffic & Lighting Maintenance
Project Leader	COOPER, STEVEN W.
Project Leader's Email	scooper@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

The traffic signal controllers within 85 of the nearly 130 signalized intersections throughout the City are in need of upgrades in order to ensure compatibility and enhanced functionality within the technically evolving electronic signal system. Econolite Control Products of Anaheim, Ca. has been the City supplier of these proprietary systems for Torrance for more than 30 years.

New signal controller Central Processing Units within systems referred to as COBALT employ an intuitive touch screen feature that enhances programming and data acquisition.

One controller unit is required per signalized intersection.

Previous model controllers will no longer be manufactured or supported by the Econolite company

Justification

Electronic signalized intersection components such as this central processing unit controller are being upgraded by the manufacturer. Current controller units will not be constructed or supported by the manufacturer going into the future

Impact of Non-Approval

Signalized intersections and the collective system of signals Citywide will experience diminished operational support and/or underperform as a system

Other Alternatives Considered

These are sole sourced products. Lack of upgrade to the system will hinder or halt future functional signal operations.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	85 controllers @ \$5000.00 each = \$425,000.00
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	\$425,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$425,000	\$0	Grand Total \$425,000

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____	_____	_____	
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total \$0

Department Priority

3

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: COOPER, STEVEN W.			
		Created Date: 12/4/2015 3:38:13 PM			
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: COOPER, STEVEN W.					
Amount: \$425,000		Created Date: 12/4/2015 3:38:13 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$425,000
Sub-Total:		\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$425,000

Financing Source Options

Original Budget		Created By: COOPER, STEVEN W.	
Total Amount: \$425,000		Created Date: 12/7/2015 9:00:07 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
General Fund	100%	\$425,000	

Type of Project	Other
Project Location	City of Torrance drainage areas tributary to the Santa Monica Bay.
Project Title	NPDES Permit and TMDL Compliance for Santa Monica Bay Beaches and Dominguez Channel
Submitting Department	Public Works - Admin
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	05/23/2006
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$250,000
 Additional funding is requested to address efforts needed to comply with ongoing NPDES requirements/permit, monitoring and administrative efforts.

The new NPDES permit has been issued and the Jurisdictional Groups 5 and 6 propose to work together to prepare a Coordinated Integrated Monitoring Plan and an Enhanced Watershed Management Plan that would identify BMPs required to comply with Toxics & Bacteria TMDL and the Dominguez Channel Harbors Toxics TMDL and the NPDES Permit Receiving Water Limitations. The Enhanced Watershed Management Plan will be prepared in two phases. The costs for the first phase are divided by watershed area of each City. The first phase will address the monitoring and use existing stormwater quality models to site BMPs. The cost for the second phase would be divided by the Cities by watershed areas that require additional BMPs and pre-design of those BMPs. Since Torrance already has the Stormwater Basin Enhancement Project, then future cost sharing agreement would not include that watershed area. Since we do not know at this time how many new BMPs will be required to comply with the NPDES Permit and TMDLs, then we do not know what the City of Torrance costs. A separate funding request is proposed to be made next year after phase one is completed.

Previous funding was provided to work cooperatively with Jurisdictional Groups 5 and 6, to implement Programmatic Solutions and Source Identification & Control as recommended in the Santa Monica Bay Beaches Bacteria TMDL Implementation Plan and to develop BMPs to address bacteria only.

Justification

The Regional Water Quality Control Board has set bacteria and toxics Total Maximum Daily Load (TMDL) limits for the Santa Monica Bay and toxics TMDL for the Dominguez Channel and Harbors. In order to comply with these TMDL's the Santa Monica Bay drainage area was divided into Jurisdictional Groups. Torrance is part of Group 6. An Implementation Plan was prepared and submitted to the RWQCB for approval that includes Programmatic Solutions and Source Identification & Control and set a schedule to develop a plan for Structural BMPs. A stormwater quality model was developed and a BMP Implementation Plan was developed, however none of the Cities have funding to implement Structural BMPs. The exception is the grant funded Stormwater Basin Enhancement Project to be constructed by the City of Torrance.

The Jurisdictional Groups 5 & 6 now want to use the existing structural BMPs identified in the Implementation Plan for the bacteria TMDL and re-analyze them for compliance with the Santa Monica Bay toxics TMDL, and to use the City of Torrance Stormwater Quality Master Plan structural BMPs for compliance with the Dominguez Channel Harbors toxics TMDL.

Impact of Non-Approval

The NPDES Permit establishes compliance with the TMDLs during the two years when the Enhanced Watershed Management Plan and Coordinated Integrated Monitoring Plan are being developed. Non compliance with SMBBB TMDL can result in fines to Torrance of \$25,000 for each exceedences day.

Other Alternatives Considered

The City has the option to do nothing and rely on monitoring data to show compliance with the TMDLs. Current monitoring for bacteria show that the TMDL is currently being exceeded and the City would be liable for fines up to \$25,000 per occurrence.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	\$1,090,393	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$1,090,393	\$0	Grand Total <u>\$1,090,393</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$0	\$0	Grand Total <u>\$0</u>

Department Priority:

Recommendation:

Recommendation Last Changed

Operator:

Date/Time:

Initial Funding

Council or City Manager Approval Date:

Council or City Manager Approval Item:

Council or City Manager Approval Amount:

Amendments		
Council Approval Date	Council Approval Item	Amount
02/24/2009	12F	\$53,618
12/17/2013	8H	\$148,978
11/18/2014	8C	\$419,538

Project Timeline

Timeline after Revision 3		Created By: BILEZERIAN, CRAIG S.		Created Date: 12/7/2015 6:11:07 PM	
Description	2020-21	2021-22	2022-23	2023-24	2024-25
Purchase/Construction	<input type="checkbox"/>				
Survey/Design	<input type="checkbox"/>				
Implement Plans	<input type="checkbox"/>				
Program Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prepare Monitoring and BMP Plan	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>				
Description	2015-16	2016-17	2017-18	2018-19	2019-20
Purchase/Construction	<input type="checkbox"/>				
Survey/Design	<input type="checkbox"/>				
Implement Plans	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program Implementation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Prepare Monitoring and BMP Plan	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>				
Description	2010-11	2011-12	2012-13	2013-14	2014-15
Purchase/Construction	<input type="checkbox"/>				
Survey/Design	<input type="checkbox"/>				
Program Implementation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>				
Implement Plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Prepare Monitoring and BMP Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Description	2005-06	2006-07	2007-08	2008-09	2009-10
Purchase/Construction	<input type="checkbox"/>				
Survey/Design	<input type="checkbox"/>				
Program Implementation	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Revision 3					
Description	2020-21				
Survey/Design	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>				
Program Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>				
Description	2015-16	2016-17	2017-18	2018-19	2019-20
Survey/Design	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>				
Program Implementation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>				
Revision 3					
		Created By: DETTLE, JOHN C.		Created Date: 2/6/2013 2:15:28 PM	
Description	2015-16	2016-17	2017-18	2018-19	2019-20
Purchase/Construction	<input type="checkbox"/>				
Survey/Design	<input type="checkbox"/>				
Implement Plans	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program Implementation	<input type="checkbox"/>				
Prepare Monitoring and BMP Plan	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>				
Description	2010-11	2011-12	2012-13	2013-14	2014-15

Description	2010-11	2011-12	2012-13	2013-14	2014-15
Purchase/Construction	<input type="checkbox"/>				
Survey/Design	<input type="checkbox"/>				
Program Implementation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>				
Implement Plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Prepare Monitoring and BMP Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Description	2005-06	2006-07	2007-08	2008-09	2009-10
Purchase/Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program Implementation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Description	2017-18	2018-19	2019-20	2020-21	
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prepare Monitoring and BMP Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implement Plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2012-13	2013-14	2014-15	2015-16	2016-17
Survey/Design	<input type="checkbox"/>				
Plans/Specification	<input type="checkbox"/>				
Prepare Monitoring and BMP Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>				
Implement Plans	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Revision 2

Created By: DETTLE, JOHN C.
Created Date: 2/15/2011 10:38:50 AM

Description	2010-11	2011-12	2012-13	2013-14	2014-15
Purchase/Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program Implementation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2005-06	2006-07	2007-08	2008-09	2009-10
Purchase/Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program Implementation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Description	2010-11	2011-12	2012-13	2013-14	2014-15
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program Implementation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2005-06	2006-07	2007-08	2008-09	2009-10
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Program Implementation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline

Created By: REYES, JOYCE I.
Created Date: 11/8/2010 11:26:12 AM

Description	2005-06	2006-07	2007-08	2008-09	2009-10
Survey/Design	<input type="checkbox"/>				

Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source Options

Revision 3 Total Amount: \$250,000 Total Percentage: 100%		Created By: BILEZERIAN, CRAIG S. Created Date: 12/7/2015 6:12:30 PM									
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$250,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$250,000				
Financing Source	Percent	Amount									
Sewer Fund	100%	\$250,000									
Revision 2 Project Cost after Revision 2: \$419,538		Created By: REYES, JOYCE I. Created Date: 11/24/2014 10:31:11 AM									
Revision 2 Amount: \$419,538											
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$419,538</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$419,538				
Financing Source	Percent	Amount									
Sewer Fund	100%	\$419,538									
Revision 1 Project Cost after Revision 1: \$148,978		Created By: REYES, JOYCE I. Created Date: 1/28/2014 8:14:04 AM									
Revision 1 Amount: \$148,978											
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$148,978</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$148,978				
Financing Source	Percent	Amount									
Sewer Fund	100%	\$148,978									
Original Budget Amount: \$271,877		Created By: REYES, JOYCE I. Created Date: 3/1/2011 9:22:41 AM									
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>General Fund</td> <td>80%</td> <td>\$218,259</td> </tr> <tr> <td>Sewer Fund</td> <td>20%</td> <td>\$53,618</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	General Fund	80%	\$218,259	Sewer Fund	20%	\$53,618	
Financing Source	Percent	Amount									
General Fund	80%	\$218,259									
Sewer Fund	20%	\$53,618									

Financing Source - Details

Revision 4		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 4: \$1,090,393		Created Date: 12/7/2015 6:11:51 PM					
Financing Source	2020-21						Total
To Be Determined	\$50,000						\$50,000
Sub-Total:	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Financing Source	2015-16	2016-17	2017-18	2018-19	2019-20		Total
Sewer Fund							\$0
To Be Determined		\$50,000	\$50,000	\$50,000	\$50,000		\$200,000
Sub-Total:	\$0	\$50,000	\$50,000	\$50,000	\$50,000		\$200,000
Financing Source	2010-11	2011-12	2012-13	2013-14	2014-15		Total
Sewer Fund				\$148,978	\$419,538		\$568,516
Sub-Total:	\$0	\$0	\$0	\$148,978	\$419,538		\$568,516
Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10		Total
General Fund		\$75,000	\$50,000	\$93,259			\$218,259
Sewer Fund				\$53,618			\$53,618
Sub-Total:	\$0	\$75,000	\$50,000	\$146,877	\$0		\$271,877
Revision 4 Amount: \$250,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sub-Total:		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Revision 3							
Project Cost after Revision 3: \$840,393		Created By: REYES, JOYCE I.					
		Created Date: 11/24/2014 10:31:02 AM					
Financing Source	2015-16	2016-17	2017-18	2018-19			Total
Sewer Fund							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2010-11	2011-12	2012-13	2013-14	2014-15		Total
Sewer Fund				\$148,978	\$419,538		\$568,516
Sub-Total:	\$0	\$0	\$0	\$148,978	\$419,538		\$568,516
Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10		Total
General Fund		\$75,000	\$50,000	\$93,259			\$218,259
Sewer Fund				\$53,618			\$53,618
Sub-Total:	\$0	\$75,000	\$50,000	\$146,877	\$0		\$271,877
Revision 3 Amount: \$419,538							
Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Sewer Fund	11/04/2014 8C	\$419,538					\$419,538
Sub-Total:		\$419,538	\$0	\$0	\$0	\$0	\$419,538
Revision 2							
Project Cost after Revision 2: \$420,855		Created By: REYES, JOYCE I.					
		Created Date: 1/28/2014 8:22:36 AM					
Financing Source	2015-16	2016-17	2017-18				Total
Sewer Fund							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2010-11	2011-12	2012-13	2013-14	2014-15		Total
Sewer Fund				\$148,978			\$148,978
Sub-Total:	\$0	\$0	\$0	\$148,978	\$0		\$148,978
Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10		Total
General Fund		\$75,000	\$50,000	\$93,259			\$218,259
Sewer Fund				\$53,618			\$53,618
Sub-Total:	\$0	\$75,000	\$50,000	\$146,877	\$0		\$271,877

Revision 2 Amount: \$148,978

Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Sewer Fund	12/17/2013 8H	\$148,978					\$148,978
Sub-Total:		\$148,978	\$0	\$0	\$0	\$0	\$148,978

Revision 1
Project Cost after Revision 1: \$271,877

Created By: REYES, JOYCE I.
Created Date: 11/8/2010 11:33:39 AM

Financing Source	2010-11	2011-12	2012-13			Total
Sewer Fund						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund		\$75,000	\$50,000	\$93,259		\$218,259
Sewer Fund				\$53,618		\$53,618
Sub-Total:	\$0	\$75,000	\$50,000	\$146,877	\$0	\$271,877

Revision 1 Amount: \$53,618

Financing Source	Council Approved Date/Time	2008-09	2009-10	2010-11	2011-12	2012-13	Total
Sewer Fund	02/24/2009 12F	\$53,618					\$53,618
Sub-Total:		\$53,618	\$0	\$0	\$0	\$0	\$53,618

Original Budget
Amount: \$218,259

Created By: REYES, JOYCE I.
Created Date: 11/8/2010 11:29:05 AM

Financing Source	Council Approved Date/Time	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund	05/23/2006 12A		\$75,000	\$50,000	\$93,259		\$218,259
Sub-Total:		\$0	\$75,000	\$50,000	\$93,259	\$0	\$218,259

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$1,090,393

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$250,000
General Fund	\$218,259	\$218,259
Sewer Fund	\$622,134	\$622,134
Grand Total:	\$840,393	\$1,090,393

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$1,090,393

Financing Source	2020-21					Total
To Be Determined	\$50,000					\$50,000
Sub-Total:	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Financing Source	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Sewer Fund						\$0
To Be Determined		\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
Sub-Total:	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000

Financing Source	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Sewer Fund				\$148,978	\$419,538	\$568,516
Sub-Total:	\$0	\$0	\$0	\$148,978	\$419,538	\$568,516

Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund		\$75,000	\$50,000	\$93,259		\$218,259
Sewer Fund				\$53,618		\$53,618
Sub-Total:	\$0	\$75,000	\$50,000	\$146,877	\$0	\$271,877

Net Changes

Amount: \$872,134

Financing Source	2018-19	2019-20	2020-21			Total
Sewer Fund						\$0
To Be Determined	\$50,000	\$50,000	\$50,000			\$150,000
Sub-Total:	\$50,000	\$50,000	\$50,000	\$0	\$0	\$150,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Sewer Fund	\$148,978	\$419,538				\$568,516
To Be Determined				\$50,000	\$50,000	\$100,000
Sub-Total:	\$148,978	\$419,538	\$0	\$50,000	\$50,000	\$668,516

Financing Source	2008-09	2009-10	2010-11	2011-12	2012-13	Total
Sewer Fund	\$53,618					\$53,618
Sub-Total:	\$53,618	\$0	\$0	\$0	\$0	\$53,618

Original Budget

Amount: \$218,259

Created By:

REYES, JOYCE I.

Created Date:

11/8/2010 11:29:05 AM

Financing Source	2005-06	2006-07	2007-08	2008-09	2009-10	Total
General Fund		\$75,000	\$50,000	\$93,259		\$218,259
Sub-Total:	\$0	\$75,000	\$50,000	\$93,259	\$0	\$218,259

Quarterly Updates

Month Year

The CIMP MOU was approved by the City of Torrance. CIMP MOU invoice is pending. Final EWMP submitted to Board for approval. Beach Cities staff now working on cost sharing MOU. Beach Cities are submitting a grant application for the Hermosa Beach Filtration Trench project for design. MOU would need to be in place to cost share the matching funds.

Month Year

CIMP RFP sent out and firm has been selected. Staff now preparing the MOU for CIMP funding. EWMP has been reviewed by Board staff and comments now being addressed. Machado Lake watershed to be removed from EWMP entirely due to costs to update the EWMP to include Machado Lake.

Month Year

The CIMP has been reviewed by Regional Board and revised. A RFP has been prepared and will be issued in October 2015. Once costs are known, the Beach Cities Group will process a MOU to share costs of the monitoring program. The EWMP has been submitted to the Regional Board for approval.

Month Year

Status is same as December 2014.

Month Year

Status is same as December 2014.

Month Year

Geosyntec is proceeding with preparing the EWMP. Discussions have started about a MOU for the CIMP. Staff has requested a copy of the CIMP to obtain fee estimate for monitoring, before deciding to approve an MOU for the CIMP.

Month Year

Staff have met with Regional Board staff who concurred that existing studies for Santa Monica Bay Bacteria BMP Implementation Plan could be used. Staff revised the Scope of Work for Torrance to omit regional projects that would have brought Torrance costs to approximately \$140,000. However, staff from other cities do not want to move forward with revised Scope of Work and have given Torrance only till November 2014 to get Regional Board approval on existing Santa Monica Bay Bacteria BMP Implementation Plan. Direction was given to move forward with Geosyntec proposal for \$393,000 for Torrance. Geosyntec has also indicated that if City of Torrance efforts were successful to get Regional Board to approve the plan in 2 months, they would only reduce their contract by \$100,000 and those costs would have to be divided by all the cities. Staff will move forward as directed.

Month Year

Consultant is working on EWMP/CIMP and have completed Phase I. Consultants want \$393,000 for City of Torrance's share of Phase II, but much of the work is duplication of existing studies. Staff to meet with Regional Board to get their concurrence not to duplicate work. Without duplicated work the fee is estimated to be \$230,000. City need to fund \$48,799 for Contaminated Sediment Management Plan for Harbors Toxics TMDL. Agenda item scheduled for August 5th.

Month Year

Consultant is working on EWMP/CIMP and staff is reviewing submittals as received. City has been invoiced for MOU and check will be cut in April 2014.

Month Year

The cost sharing MOU and appropriation was approved by Council on 12/17/13. Redondo Beach is lead on managing EWMP/CIMP contracts.

Month Year

South Bay cities are preparing an MOU for cost sharing to prepare enhanced watershed management plan required by NPDES permit.

Month Year

Proposals for Enhanced Watershed Management Plan (EWMP) and Coordinated Integrated Monitoring Plan (CIMP) for both Santa Monica Bay Watershed and Dominguez Channel Watershed have been received. Negotiations are currently underway. A cost sharing MOA will need to be

processed and insurance share of costs funded.

Month Year

Same as December 2012 update. Proposals and cost estimates for Integrated Monitoring Plan and BMP Implementation Plan due next quarter.

Month Year

The new NPDES Permit was adopted November 8, 2012 and the Santa Monica Bay Beaches Bacteria TMDL is now part of the permit, as well as TMDLs for Debris and Toxics in Santa Monica Bay. Jurisdictional Groups 5 & 6 are working together to prepare a Coordinated Integrated Monitoring Plan and BMP Implementation Plan to address Bacteria and Toxics TMDL and new NPDES Permit monitoring requirements.

Month Year

Funding for two additional years of water quality monitoring in Santa Monica Bay was approved from Sewer Operating Budget, on 10/9/12, item 8A. Jurisdictional Groups 5 & 6 have met to start talking about preparing a Coordinated Integrated Monitoring Plan and BMP Implementation Plan to address Bacteria and Toxics TMDL and new NPDES Permit monitoring requirements.

Month Year

Funding for two additional years of water quality monitoring will be requested next quarter. Cost estimated at \$20,000.

Month Year

The BMP Siting Study, Source Control Study and Programmatic BMP Plan are all complete. This FEAP should remain open to cover implementation of these plans. South Bay cities group first proposing a source identification project to track sources of bacteria for Herondo Drain and Avenue I outfalls.

Month Year

Same as June Update: The BMP Siting Study, Source Control Study and Programmatic BMP Plan are all complete. This FEAP should remain open to cover implementation of these plans.

Month Year

Same as June Update: The BMP Siting Study, Source Control Study and Programmatic BMP Plan are all complete. This FEAP should remain open to cover implementation of these plans.

Month Year

The BMP Siting Study, Source Control Study and Programmatic BMP Plan are all complete. This FEAP should remain open to cover implementation of these plans.

Month Year

Award day for Art Contest is April 16th. Staff are still waiting final reports for Programmatic BMPs and Structural BMPs.

Month Year

Final reports for Programmatic BMPs and Structural BMPs have been submitted for staff review. Under the Programmatic BMPs the southbaystormwaterprogram.org website has been launched with survey to set baseline of resident understanding of stormwater quality problems. An Art Contest for South Bay High Schools has also been launched with awards to coincide with Earthday.

Month Year

Draft reports for Programmatic BMPs and Structural BMPs have been received and are being reviewed by staff. Final Reports should be issued by November 2010. Budget \$271,877 Expenses (256,480) Balance 09/30/10 \$ 15,397

Month Year

Contracts for programmatic BMPs and structural BMPs are both at 90% complete. Budget \$271,877 Expenses (256,480) Balance 06/30/10 \$ 15,397

Month Year

Contracts for programmatic BMPs and structural BMP siting study are both 75% complete. Information from these studies will be included in City's

NPDES Master Plan. Budget \$271,877 Expenses (256,480) Balance 03/31/10 \$ 15,397

Month Year

Contracts for programmatic BMPs and structural BMP siting study are both 50% complete. GeoSyntec working with Operations staff on Source Identification study for dry weather, i.e. sampling storm drains in west Torrance. Budget \$271,877 Expenses (256,438) Balance 12/31/09 \$ 15,439

Month Year

The City of Redondo Beach has awarded contracts to CAA for developing programmatic BMPs and GeoSyntec for developing structural BMP siting study. Both contracts are approximately 30% complete.

Month Year

City has processed invoice from Redondo Beach for \$146,877 for developing programmatic BMPs and Source Identification Studies. This work is to be coordinated with Sanitary Sewer video inspections in Torrance Beach area and is a KPI for Strategic Plan.

Month Year

Additional funding provided by Council on February 24, 2009 to fund first phase of Implementation Plan for developing programmatic BMPs and Source Identification Studies. Contracts administered by Redondo Beach.

Month Year

Jurisdictional Groups 5&6 agreed to eliminate the costs of BMP Siting Study for the City of Torrance. This brings the City of Torrance contribution to \$146,877, of which \$53,618 could be paid from Sewer Fund because it is for Source Identification of bacteria from sewers. The MOA has been reviewed and approved by City Attorney As To Form. Additional Funding for this FEAP has not yet been approved.

Month Year

The Memorandum of Understanding to hire consultants to start implementing the Implementation Plan has been reviewed by County and Caltrans, but not by Torrance. The MOA is on hold pending approval of the budget for this project. Additional funding for this FEAP has not yet been approved. Staff will propose to Groups 5 & 6 to postpone the BMP Siting Study until after Torrance and Manhattan Beach projects are complete, and to reduce scope of Programmatic BMP to eliminate duplicate water conservation BMPs and reproduction costs. This would bring Torrance contribution from \$175,000 to \$146,877.

Month Year

The City of Torrance and Redondo Beach approved a Memorandum of Agreement on June 17, 2008 for Torrance to pay Redondo Beach to administer the Shoreline Water Quality Monitoring contract for up to four more years. The Memorandum of Agreement to hire consultants to start implementing the Implementation Plan is still being reviewed by County and Caltrans and should be approved in the next quarter. Additional funding for this FEAP has not yet been approved.

Month Year

Groups 5 & 6 sent out RFPs in 2007 to hire a consultant to develop the Programmatic BMPs and a separate RFP to hire a consultant to do a Source Identification and Structural BMP Selection and Siting Study. Additional Funding is required to award these contracts. Proposals are \$313,000 and \$287,000 respectively. The City of Torrance contribution is 28.3%, or \$169,800. The additional funding requested is \$175,000 to account for staff costs. The City of Redondo Beach will administer the contracts. On August 3, 2004 the City Council approved a Memorandum of Understanding to work cooperatively with the Group 5 & 6 agencies to prepare an Implementation Plan. This FEAP is the first phase to implement the plan.

Month Year

The Scope of Work and RFPs for structural BMP Siting study and programmatic programs has been completed and were mailed out this December. Proposals are due in January 2008. Due to the long time to process agreements within Jurisdictional Groups 5 & 6, the award of those contracts are not anticipated until December 2008, after a new MOA is approved.

Month Year

No Change in status.

Month Year

The Jurisdictional Groups 5 and 6 are now preparing separate Scopes of Work and RFPs for a structural BMP Siting study and programmatic programs. A new MOA for Water Quality Monitoring is also being developed.

Month Year

The Jurisdictional Groups 5 and 6 are now discussing the next project from the Implementation Plan, to implement.

Month Year

The amendment to Jurisdictional Groups 5 and 6 MOA was approved by Council on 12/12/06 and supplemental report is due to Regional Water Quality Control Board on January 8, 2007. Funds from this project were used for public education calendars.

Month Year

Funds from this project have been used for both a Restaurant Certification Program and for the annual Beach Clean Up at Torrance Beach. An amendment to Jurisdictional Groups 5 and 6 Memorandum of Agreement (MOA) is now being prepared to hire Consultant to do a supplement to the MOA as directed by the Regional Water Quality Board.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$840,393.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$840,393.00</u>
Actual	<u>\$831,228.11</u>
Encumbrances	<u>\$0.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$9,164.89</u>

Revenue

Life To Date Budget - Posted	<u>\$840,393.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$840,393.00</u>
Actual	<u>\$840,393.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Type of Project	Equipment
Project Location	Public Works
Project Title	Brush Chippers
Submitting Department	Public Works - Streetscape
Prepared By	DRAKOD Aidis, JOHN A.
Preparer's Email	jdrakodaidis@torranceca.gov
Managing Department	Public Works - Streetscape
Project Leader	EMERSON, JUDITH L.
Project Leader's Email	jemerson@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/01/2017

Project Request Status	Proposed
Approved Project Status	

Description
 Replace 2 older brush chippers with new replacement Vermeer Brush Chippers

Justification
 The Streetscape Division currently has 2 Brush Chippers # 83003 and #83004 that are over 15 years in age. Age and wear has resulted in reduced chip quality, increased cost of operation and decreased efficiency. Brush chippers are evolving with new technology, safety features and fuel efficiencies. Current overall condition, rust, obsolete features engine hours and safety features have indicated the need to replace. In addition, these two chippers do not meet PERP (Portable Equipment Registration Program) requirements for air quality standards. Without replacement we will not be in compliance.

Impact of Non-Approval
 Constant and increasingly expensive maintenance and repair costs/ more down time in the field, safety features. In 2017, the City could be ordered not to use chippers by PERP due to not meeting air quality standards. The elimination of use of these chippers will reduce work productivity by streetscape tree trimming crews.

Other Alternatives Considered
 Rent chippers, this would not be cost effective

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$87,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$87,000	\$0	Grand Total <u>\$87,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other Replacement Cost	\$14,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$14,000	\$0	Grand Total <u>\$14,000</u>

Department Priority

1

High

Recommendation

Recommendation Last Changed

Operator

Date/Time

1/1/1900 12:00:00 AM

Project Timeline

Original Timeline		Created By: DRAKODAIDIS, JOHN A.	
		Created Date: 12/15/2015 4:08:53 PM	
Description	2016-17		
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$87,000		Created By: DRAKODAIDIS, JOHN A.					
		Created Date: 12/15/2015 4:08:53 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$87,000					\$87,000
Sub-Total:		\$87,000	\$0	\$0	\$0	\$0	\$87,000

Financing Source Options

Original Budget Total Amount: \$87,000		Created By: DRAKODAIDIS, JOHN A.	
Total Percentage: 100%		Created Date: 12/15/2015 4:08:53 PM	
Financing Source	Percent	Amount	
Fleet Vehicle Replacement Fund	100%	\$87,000	

Request #: 2016-00626

Facilities, Equipment, Automation Project (FEAP)

Type of Project	Equipment
Project Location	City Yard
Project Title	Replacement Crack Sealing Machine
Submitting Department	Public Works - Street Maintenance
Prepared By	DRAKOD Aidis, JOHN A.
Preparer's Email	jdrakodaidis@torranceca.gov
Managing Department	Public Works - Street Maintenance
Project Leader	DRAKOD Aidis, JOHN A.
Project Leader's Email	jdrakodaidis@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	12/31/2016

Project Request Status	Proposed
Approved Project Status	

Description

Crafco Crack Sealing Machine Supershot 125DC (Replacement)

Justification

The Public Works Department currently has two Crack Sealing Machines, one that was purchased in 2000 and another one that was purchased in 2007. The unit purchased in 2007 replaced the 2000 year model for daily use and the 2000 year model was used as a back up machine as needed. This machine is used on a daily basis to apply crack-sealing material within cracks on our asphalt streets, which prolongs the life of the street by sealing out water that can enter into pavement cracks. The current crack sealing machine was purchased in 2007; the replacement cycle for this crack sealing machine is 7 years. The existing crack sealing machine is nine years old and has surpassed its useful life. The crack sealing machine is crucial for preparation for the yearly residential slurry seal program. Approximately 133,000 linear feet of crack seal is applied yearly.

Impact of Non-Approval

Reduction in the amount of crack seal applied due to an increase in downtime for maintenance repairs.

Other Alternatives Considered

Contract out crack sealing as part of the slurry seal project. This would increase the duration of the slurry seal project.

Project Cost

Estimated project Implementation Cost (ONE TIME COSTS)

Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Comments Box]
Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	\$68,000	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$68,000	\$0	Grand Total <u> \$68,000</u>

Estimated Annual Ongoing Operating and Maintenance Costs (UPON PROJECT COMPLETION/IMPLEMENTATION)

Not Applicable

Additional Personnel Requirements	Within Department	Support Department	Comments
# of positions	_____	_____	[Empty Comments Box]
Annual Labor costs (Comp Detail Report-Total)	_____	_____	
Date of Comp Detail Report _____			
Equipment	_____	_____	
Materials	_____	_____	
Professional Services/Contracts	_____	_____	
Other <u>Equipment Replacement Cost</u>	\$10,000	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Other _____	_____	_____	
Total	\$10,000	\$0	Grand Total <u> \$10,000</u>

Department Priority:

Recommendation:

Recommendation Last Changed:

Operator:

Date/Time:

Project Timeline

Original Timeline		Created By:	DRAKOD Aidis, JOHN A.			
		Created Date:	4/7/2016 2:00:43 PM			
Description	2016-17					*
Survey/Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plans/Specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchase/Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By:	DRAKOD Aidis, JOHN A.				
Amount: \$68,000		Created Date:	4/7/2016 2:32:27 PM				
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$68,000					\$68,000
Sub-Total:		\$68,000	\$0	\$0	\$0	\$0	\$68,000

Financing Source Options

Original Budget		Created By:	DRAKOD Aidis, JOHN A.	
Total Amount: \$68,000		Created Date:	4/7/2016 2:00:43 PM	
		Total Percentage:	100%	
Financing Source	Percent	Amount		
Fleet Vehicle Replacement Fund	100%	\$68,000		

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PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
RECOMMENDED PROJECTS						
2013-00086	1 Med	Sepulveda Blvd Rehabilitation (Hawthorne to Western)	18-19 20-21 20-21	Prop C Gas Tax Prop C	290,000 2,525,000 1,700,000 <u>4,515,000</u>	326
2016-00151	3 High	Citywide Sidewalk Ramping/Grinding Program This project has previously approved budget of \$1,935,000. Department is requesting an additional \$900,000 bringing the project total to \$2,835,000	18-19 19-20 20-21	Gas Tax Gas Tax Gas Tax	300,000 300,000 300,000 <u>900,000</u>	332
2016-00152	1 High	Arterial Street Pavement Sealing Program This project has previously approved budget of \$5,000,000. Department is requesting an additional \$2,550,000 bringing the project total to \$7,550,000	18-19 18-19 19-20 19-20 20-21 20-21	Measure R Local Prop C Measure R Local Prop C Measure R Local Prop C	255,000 595,000 255,000 595,000 255,000 595,000 <u>2,550,000</u>	339

PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
RECOMMENDED PROJECTS						
2016-00154	1 High	Residential Slurry Seal Program	18-19 18-19 19-20 19-20 20-21 20-21	Measure R Local General Fund Measure R Local General Fund Measure R Local General Fund	652,500 97,500 652,500 97,500 652,500 97,500	347
I 159		This project has previously approved budget of \$5,400,000. Department is requesting an additional \$2,250,000 bringing the project total to \$7,650,000.			2,250,000	
2016-00155	1 High	FY2018-21 Residential Street Rehabilitation Program	18-19 19-20 19-20 20-21	Measure R Local Measure R Local Gas Tax Gas Tax	900,000 550,000 450,000 1,000,000	359
					2,900,000	
2016-00156	3 High	FY2018-21 Sewer Repairs	18-19 19-20 20-21	Sewer Fund Sewer Fund Sewer Fund	250,000 250,000 250,000	362
					750,000	

**PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021**

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
RECOMMENDED PROJECTS						
2016-00158 I 110	1 High	Machado Lake Watershed Best Management Practices for Nutrient and Toxics TMDLs (Water Quality Monitoring & Reporting Plan)	17-18	Sewer Fund	<u>200,000</u>	368
		This project has previously approved budget of \$703,683. Department is requesting an additional \$200,000 bringing the project total to \$903,683				
2016-00159 I 126	1 Med	Airport Pavement Maintenance Program	16-17 18-19 20-21	Airport Fund Airport Fund Airport Fund	300,000 <u>100,000</u> <u>100,000</u> <u>500,000</u>	384
		This project has previously approved budget of \$1,117,440. Department is requesting an additional \$500,000 bringing the project total to \$1,617,440.				
2016-00160 I 153	1 High	Miscellaneous Water Main Replacements for Developer and Street Rehab Projects	18-19 19-20 20-21	Water Fund Water Fund Water Fund	750,000 <u>750,000</u> <u>750,000</u> <u>2,250,000</u>	392
		This project has previously approved budget of \$3,750,000. Department is requesting an additional \$2,250,000 bringing the project total to \$6,000,000.				

PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
 PUBLIC WORKS
 2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
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RECOMMENDED PROJECTS

2016-00161	1	High Goldsworthy Desalter Expansion	16-17	Water Fund	250,000	401
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This project has previously approved budget of \$100,000. Department is requesting an additional \$250,000 bringing the project total to \$350,000

2016-00163	1	High Citywide Traffic Signal Improvements	17-18 17-18 18-19 18-19 19-20 19-20 20-21 20-21	Measure R Local Prop C Measure R Local Prop C Measure R Local Prop C Gas Tax Prop C	62,500 187,500 62,500 187,500 62,500 187,500 62,500 187,500 <u>1,000,000</u>	409
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2016-00164	1	High Sewer System Master Plan	16-17 17-18	Sewer Fund Sewer Fund	575,000 75,000 <u>650,000</u>	412
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PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
RECOMMENDED PROJECTS						
2016-00165	1 High	Citywide Traffic Analysis	16-17 16-17 17-18 17-18	Measure R Local Prop C Measure R Local Prop C	207,000 483,000 12,000 28,000 <u>730,000</u>	415
2016-00167 1 038	1 High	Downtown Sewer Trunk Line Replacement (Phase II-North) - Requested funding to be used to relocate a previously designed water main project to build the Downtown Sewer Replacement This project has previously approved budget of \$1,200,000. Department is requesting an additional \$1,000,000 bringing the project total to \$2,200,000	16-17	Water Fund	<u>1,000,000</u>	421
2016-00171 1 074	1 High	Incremental Water Main Replacement Program This project has previously approved budget of \$800,000. Department is requesting an additional \$1,250,000 bringing the project total to \$2,050,000	16-17 17-18 18-19 19-20 20-21	Water Fund Water Fund Water Fund Water Fund Water Fund	250,000 250,000 250,000 250,000 250,000 <u>1,250,000</u>	435

PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
RECOMMENDED PROJECTS						
2016-00174 I 135	1 High	Sidewalk Repair for handicap accessibility	18-19 18-19	CDBG TDA	600,000 90,000	
		This project has previously approved budget of \$4,715,004. Department is requesting an additional budget of \$2,070,000 bringing the project total to \$6,785,004	19-20 19-20 20-21 20-21	CDBG TDA CDBG TDA	600,000 90,000 600,000 90,000	455
TOTAL-PUBLIC WORKS RECOMMENDED IAPS					\$ 23,765,000	

DEFERRED PROJECTS						
2013-00084	4 High	Madrona & Prairie Avenues Rehabilitation (190th St to Sepulveda)	18-19	Gas Tax or Measure R Local or Prop C or General Fund	\$ 350,000	
			20-21	Gas Tax or Measure R Local or Prop C or General Fund	4,340,000	323
TOTAL-DEFERRED PROJECTS					\$ 4,690,000	

PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
DEFERRED PROJECTS						
2013-00109	4 High	182nd St Rehabilitation (Western to west City limit)	19-20	Gas Tax or Measure R Local or General Fund	380,000	
			20-21	Gas Tax or Measure R Local or General Fund	6,230,000 <u>6,610,000</u>	329
2016-00157	4 High	Rubber Wheel Trolley Circulator Transit Department is exploring opportunities for grant funding to pay for the purchase of the trolley and related equipment. If successful, there will be a requirement for matching funds.	16-17 16-17 16-17 16-17 17-18 17-18 17-18 17-18	Federal Grant pass thru MTA Gas Tax Measure R Local Prop C Federal Grant pass thru MTA Gas Tax Measure R Local Prop C	1,262,301 396,016 396,016 420,767 1,537,699 1,296,584 1,296,584 279,233 <u>6,885,200</u>	365
2016-00166	3	Storm Drain Channel south of Del Amo Blvd and east of Van Ness Avenue	18-19 19-20 20-21	DIF-Storm Drain DIF-Storm Drain DIF-Storm Drain	275,000 1,975,000 75,000 <u>2,325,000</u>	418

PROPOSED INFRASTRUCTURE ACTION PLAN (IAP)
PUBLIC WORKS
2016-2021

REQUEST #	PRIORITY #	PROJECT TITLE	RECOMMENDED/ DEPT REQUEST FY	RECOMMENDED/ POTENTIAL FINANCING SOURCES	RECOMMENDED AMT	PAGE #
DEFERRED PROJECTS						
2016-00172	2	Citywide Storm Drain Replacement	17-18	DIF-Storm Drain	240,000	
			18-19	DIF-Storm Drain	200,000	
			19-20	DIF-Storm Drain	200,000	
			20-21	DIF-Storm Drain	200,000	
					840,000	452
TOTAL-PUBLIC WORKS DEFERRED IAPS					21,350,200	

Request #: 2013-00084

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Madrona/Prairie Ave from 190th St to Sepulveda Blvd
Project Title	Madrona & Prairie Avenues Rehabilitation (190th St to Sepulveda Blvd)
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	BILEZERIAN, CRAIG S.
Project Leader's Email	cbilezerian@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
This project will rehabilitate Madrona Ave & Prairie Ave from 190th St to Sepulveda Blvd. Improvements will consist of pavement reconstruction and/or overlay; repair of curbs, gutters, and sidewalks; ADA curb ramps; parkway and median landscape improvements; traffic signal upgrades.

Justification
The pavement is deteriorated in many areas and requires repair.

Impact of Non-Approval
Higher maintenance costs

Other Alternatives Considered
Do nothing

Cost Activity By Fiscal Year

Original Budget Amount: \$4,690,000		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 12:48:46 PM				
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$30,000					\$30,000
Design	\$320,000					\$320,000
Construction Management			\$40,000			\$40,000
Construction			\$4,200,000			\$4,200,000
Inspection			\$100,000			\$100,000
Sub-Total:	\$350,000	\$0	\$4,340,000	\$0	\$0	\$4,690,000

Cost Activity By Financing Source

Original Budget Amount: \$4,690,000		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 12:48:46 PM				
Financing Source	To Be Determined					Total
Project Management	\$30,000					\$30,000
Design	\$320,000					\$320,000
Construction Management	\$40,000					\$40,000
Construction	\$4,200,000					\$4,200,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$100,000					\$100,000
Sub-Total:	\$4,690,000	\$0	\$0	\$0	\$0	\$4,690,000

Department Priority

Project Timeline

Original Timeline		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 12:48:46 PM				
Description	2018-19	2019-20	2020-21			
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$4,690,000		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 12:48:46 PM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$350,000		\$4,340,000			\$4,690,000
Sub-Total:		\$350,000	\$0	\$4,340,000	\$0	\$0	\$4,690,000

Financing Source Options

Original Budget Total Amount: \$18,760,000		Total Percentage: 400%		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 12:59:42 PM	
Financing Source	Percent	Amount			
Gas Tax	100%	\$4,690,000			
General Fund	100%	\$4,690,000			
Prop C Local Return Fund	100%	\$4,690,000			
Measure R Local Return	100%	\$4,690,000			

Request #: 2013-00086

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Sepulveda Blvd from Hawthorne to Western
Project Title	Sepulveda Blvd Rehabilitation (Hawthorne to Western)
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	BILEZERIAN, CRAIG S.
Project Leader's Email	cbilezerian@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
This project will rehabilitate Sepulveda Blvd from Hawthorne to Western. Improvements will consist of pavement reconstruction and/or overlay; repair of curbs, gutters, and sidewalks; ADA curb ramps; parkway and median landscape improvements; traffic signal upgrades.
Justification
The pavement is deteriorated and requires repair.
Impact of Non-Approval
higher maintenance costs
Other Alternatives Considered
Do nothing

Cost Activity By Fiscal Year

Original Budget Amount: \$4,515,000		Created By: Created Date:		BILEZERIAN, CRAIG S. 2/5/2013 3:52:22 PM		
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$40,000					\$40,000
Design	\$250,000					\$250,000
Construction Management			\$50,000			\$50,000
Construction			\$4,000,000			\$4,000,000
Inspection			\$175,000			\$175,000
Sub-Total:	\$290,000	\$0	\$4,225,000	\$0	\$0	\$4,515,000

Cost Activity By Financing Source

Original Budget Amount: \$4,515,000		Created By: Created Date:		BILEZERIAN, CRAIG S. 2/5/2013 3:52:22 PM		
Financing Source	To Be Determined					Total
Project Management	\$40,000					\$40,000
Design	\$250,000					\$250,000
Construction Management	\$50,000					\$50,000
Construction	\$4,000,000					\$4,000,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$175,000					\$175,000
Sub-Total:	\$4,515,000	\$0	\$0	\$0	\$0	\$4,515,000

Department Priority	<input type="text" value="1"/>	<input type="text" value="Medium"/>
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Project Timeline

Original Timeline		Created By: Created Date:		BILEZERIAN, CRAIG S. 2/5/2013 3:52:22 PM		
Description	2018-19	2019-20	2020-21			
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$4,515,000		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 3:52:22 PM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$290,000		\$4,225,000			\$4,515,000
Sub-Total:		\$290,000	\$0	\$4,225,000	\$0	\$0	\$4,515,000

Financing Source Options

Original Budget Total Amount: \$4,515,000		Total Percentage: 100%		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 3:59:26 PM	
Financing Source	Percent	Amount			
Gas Tax	56%	\$2,525,000			
Prop C Local Return Fund	44%	\$1,990,000			

Type of Project	Infrastructure
Project Location	182nd Street (Western to west City limit)
Project Title	182nd Street Rehabilitation (Western to west City limit)
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	BILEZERIAN, CRAIG S.
Project Leader's Email	cbilezerian@torranceca.gov
Project Start Date	07/01/2019
Estimated Completion Date	12/01/2023

Project Request Status	Proposed
Approved Project Status	

Description
 182nd Street is a primary east-west arterial route for Torrance and the entire south bay region. This segment provides access to the I405 Freeway. The pavement in the project area is deteriorated and requires rehabilitation. This project will provide for the pavement rehabilitation, curb, gutter, sidewalk repairs, parkway tree removal/replacement and traffic signal upgrades.

Justification
 182nd Street is a primary east-west arterial route for Torrance and the entire south bay region. This segment provides access to the I405 Freeway. The pavement in the project area is deteriorated and requires rehabilitation. This project will provide for the pavement rehabilitation, curb, gutter and sidewalk repairs.

Impact of Non-Approval
 The pavement in the project area is deteriorated and requires rehabilitation. Non-approval will result in further degradation of the roadway and eventual failure thereby increasing costs when the segment is addressed.

Other Alternatives Considered
 The pavement in the project area is deteriorated and requires rehabilitation. Sealing the pavement was considered, but due to the deteriorated condition of the pavement, this option is no longer viable.

Cost Activity By Fiscal Year

Original Budget Amount: \$6,610,000		Created By: KAMIMURA, WILLIAM T. Created Date: 2/7/2013 10:15:14 AM				
	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Project Management	\$30,000	\$30,000				\$60,000
Design	\$350,000					\$350,000
Construction Management			\$200,000			\$200,000
Construction			\$6,000,000			\$6,000,000
Sub-Total:	\$380,000	\$30,000	\$6,200,000	\$0	\$0	\$6,610,000

Cost Activity By Financing Source

Original Budget Amount: \$6,610,000		Created By: KAMIMURA, WILLIAM T. Created Date: 2/7/2013 10:15:14 AM				
Financing Source	To Be Determined					Total
Project Management	\$60,000					\$60,000
Design	\$350,000					\$350,000
Construction Management	\$200,000					\$200,000
Construction	\$6,000,000					\$6,000,000
Sub-Total:	\$6,610,000	\$0	\$0	\$0	\$0	\$6,610,000

Department Priority

Project Timeline

Original Timeline		Created By: KAMIMURA, WILLIAM T. Created Date: 2/7/2013 10:15:14 AM			
Description	2019-20	2020-21	2021-22	2022-23	2023-24
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget Amount: \$6,610,000		Created By: KAMIMURA, WILLIAM T. Created Date: 2/7/2013 10:15:14 AM					
Financing Source	Council Approved Date/Time	2019-20	2020-21	2021-22	2022-23	2023-24	Total
To Be Determined		\$380,000	\$6,230,000				\$6,610,000
Sub-Total:		\$380,000	\$6,230,000	\$0	\$0	\$0	\$6,610,000

Financing Source Options

Original Budget Total Amount: \$19,830,000		Total Percentage: 300%		Created By: KAMIMURA, WILLIAM T. Created Date: 2/7/2013 3:12:41 PM	
Financing Source	Percent	Amount			
Measure R Local Return	100%	\$6,610,000			
Gas Tax	100%	\$6,610,000			
General Fund	100%	\$6,610,000			

Request #: 2016-00151
I 152

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Citywide
Project Title	Citywide Sidewalk Ramping/Grinding Program
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	FINTON, STEVEN J.
Project Leader's Email	sfinton@torrnet.com
Project Start Date	11/19/2013
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$900,000

Provides temporary (short term) repairs to remove minor sidewalk displacements by the process of ramping or grinding the displacements.

Justification

There is a need to continue ramp/grind repairs to eliminate and/or reduce "trip and fall" claims.

Impact of Non-Approval

Increased risk for "trip and fall" claims; Financial risk/liability from claims.

Other Alternatives Considered

N/A

Department Priority	<input type="text" value="3"/>	High
Recommendation	<input type="text"/>	Recommendation Last Changed
		Operator <input type="text"/>
		Date/Time <input type="text"/>
Initial Funding		
Council or City Manager Approval Date	<input type="text" value="11/19/2013"/>	
Council or City Manager Approval Item	<input type="text" value="12A"/>	
Council or City Manager Approval Amount	<input type="text" value="\$1,935,000"/>	

Cost Activity By Fiscal Year

Revision 1
 Project Cost after Revision 1: \$2,835,000
 Created By: BILEZERIAN, CRAIG S.
 Created Date: 12/4/2015 1:56:38 PM

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$20,000	\$20,000	\$20,000			\$60,000
Design						\$0
Construction Management	\$15,000	\$15,000	\$15,000			\$45,000
Construction	\$220,000	\$220,000	\$220,000			\$660,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$45,000	\$45,000	\$45,000			\$135,000
Sub-Total:	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$25,000	\$25,000	\$25,000	\$25,000	\$110,000
Design						\$0
Construction Management	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$70,000
Construction	\$100,000	\$330,000	\$330,000	\$330,000	\$330,000	\$1,420,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$15,000	\$80,000	\$80,000	\$80,000	\$80,000	\$335,000
Sub-Total:	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000

Revision 1 Amount: \$900,000

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$20,000	\$20,000	\$20,000			\$60,000
Design						\$0
Construction Management	\$15,000	\$15,000	\$15,000			\$45,000
Construction	\$220,000	\$220,000	\$220,000			\$660,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$45,000	\$45,000	\$45,000			\$135,000
Sub-Total:	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000

Original Budget
 Amount: \$1,935,000
 Created By: BILEZERIAN, CRAIG S.
 Created Date: 4/24/2013 5:18:45 PM

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Construction Management	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$70,000
Construction	\$100,000	\$330,000	\$330,000	\$330,000	\$330,000	\$1,420,000
Inspection	\$15,000	\$80,000	\$80,000	\$80,000	\$80,000	\$335,000
Project Management	\$10,000	\$25,000	\$25,000	\$25,000	\$25,000	\$110,000
Sub-Total:	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000

Cost Activity By Financing Source

Revision 1		Created By: BILEZERIAN, CRAIG S.	
Project Cost after Revision 1: \$2,835,000		Created Date: 12/4/2015 1:57:47 PM	
Financing Source	Gas Tax	To Be Determined	Total
Project Management	\$110,000	\$60,000	\$170,000
Design			\$0
Construction Management	\$70,000	\$45,000	\$115,000
Construction	\$1,420,000	\$660,000	\$2,080,000
Environmental Assessment			\$0
Right-of-way			\$0
Inspection	\$335,000	\$135,000	\$470,000
Sub-Total:	\$1,935,000	\$900,000	\$2,835,000

Revision 1 Amount: \$900,000

Financing Source	To Be Determined	Total
Project Management	\$60,000	\$60,000
Design		\$0
Construction Management	\$45,000	\$45,000
Construction	\$660,000	\$660,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection	\$135,000	\$135,000
Sub-Total:	\$900,000	\$900,000

Original Budget
Amount: \$1,935,000

Created By: BILEZERIAN, CRAIG S.
Created Date: 4/24/2013 5:18:45 PM

Financing Source	Gas Tax	Total
Construction Management	\$70,000	\$70,000
Construction	\$1,420,000	\$1,420,000
Inspection	\$335,000	\$335,000
Project Management	\$110,000	\$110,000
Sub-Total:	\$1,935,000	\$1,935,000

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.		Created Date: 12/4/2015 1:58:38 PM	
Description	2018-19	2019-20	2020-21	2021-22	2022-23
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Revision 1					
Description	2018-19	2019-20	2020-21		
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline		Created By: BILEZERIAN, CRAIG S.		Created Date: 4/24/2013 5:18:45 PM	
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Financing Source - Details

Revision 1		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 1: \$2,835,000		Created Date: 12/4/2015 1:59:50 PM					
Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
To Be Determined	\$300,000	\$300,000	\$300,000			\$900,000	
Sub-Total:	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
Gas Tax	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000	
Sub-Total:	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000	
Revision 1 Amount: \$900,000							
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$300,000	\$300,000	\$300,000			\$900,000
Sub-Total:		\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000
Original Budget		Created By: BILEZERIAN, CRAIG S.					
Amount: \$1,935,000		Created Date: 4/24/2013 5:18:45 PM					
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Gas Tax	11/19/2013 12A	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000
Sub-Total:		\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$900,000		Created Date: 12/4/2015 2:00:15 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Gas Tax	100%	\$900,000	
Original Budget		Created By: BILEZERIAN, CRAIG S.	
Amount: \$7,740,000		Created Date: 4/24/2013 5:22:03 PM	
Financing Source	Percent	Amount	
Gas Tax 2105	100%	\$1,935,000	
Gas Tax 2106	100%	\$1,935,000	
General Fund	100%	\$1,935,000	
Measure R Local Return	100%	\$1,935,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)
 Total Project Cost: \$2,835,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$900,000
Gas Tax	\$1,035,000	\$1,935,000
Grand Total:	\$1,035,000	\$2,835,000

By Sources/By Fiscal Year (Excluding Ongoing cost)
 Total Project Cost: \$2,835,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$300,000	\$300,000	\$300,000			\$900,000
Sub-Total:	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Gas Tax	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000
Sub-Total:	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000

Net Changes
 Amount: \$900,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$300,000	\$300,000	\$300,000			\$900,000
Sub-Total:	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000

Original Budget
 Amount: \$1,935,000

Created By: BILEZERIAN, CRAIG S.
 Created Date: 4/24/2013 5:18:45 PM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Gas Tax	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000
Sub-Total:	\$135,000	\$450,000	\$450,000	\$450,000	\$450,000	\$1,935,000

Quarterly Updates

Month	<input type="text" value="March"/>	Year	<input type="text" value="2016"/>	Construction is ongoing and will be complete in April 2016. Staff is preparing specifications for the next phase of this annual project.
Month	<input type="text" value="December"/>	Year	<input type="text" value="2015"/>	Construction is ongoing. Staff is preparing specifications for the next phase of this annual project.
Month	<input type="text" value="September"/>	Year	<input type="text" value="2015"/>	Construction is ongoing. Staff is preparing specifications for the next phase of this annual project.
Month	<input type="text" value="June"/>	Year	<input type="text" value="2015"/>	A construction contract was awarded in April 2015. Work will be ongoing for 12 months.
Month	<input type="text" value="March"/>	Year	<input type="text" value="2015"/>	Staff will submit an item to Council in April 2015 to award the next phase of construction. Work will then be ongoing for 12 months.
Month	<input type="text" value="December"/>	Year	<input type="text" value="2014"/>	Same as September 2014.
Month	<input type="text" value="September"/>	Year	<input type="text" value="2014"/>	Existing funds will cover work through February 2015. Staff then intends to advertise for bid the next phase of the project.
Month	<input type="text" value="June"/>	Year	<input type="text" value="2014"/>	Ramping/grinding activity is ongoing and will continue through September 2014. Staff then intends to amend/extend the existing contract for a 12-month period, as allowed by the contract when staff is satisfied by the contractor's performance. The extension will reduce project costs by avoiding having to advertise for bid the next phase of the project.
Month	<input type="text" value="March"/>	Year	<input type="text" value="2014"/>	A construction contract was awarded in March 2014. Ramping/grinding activity will begin in April 2014 and be ongoing through July 2014. At that time, the existing contract can be amended to extend the services for a 12-month period through July 2015, if the City is satisfied with the contractor's performance.
Month	<input type="text" value="December"/>	Year	<input type="text" value="2013"/>	Staff is preparing the project specifications. It is anticipated that the project can be advertised for bid in February 2014 with construction beginning in April 2014. Note: This project was preceded by the 2012-13 Sidewalk Grinding Program, I-137.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	\$1,035,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$1,035,000.00
Actual	\$581,530.74
Encumbrances	\$140,304.61
Unposted Transaction	\$0.00
Available Budget	\$313,164.65

Revenue

Life To Date Budget - Posted	\$1,035,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$1,035,000.00
Actual	\$1,035,000.00
Unposted Transaction	\$0.00
Available Budget	\$0.00

Type of Project	infrastructure
Project Location	Citywide
Project Title	Arterial Street Pavement Sealing Program
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	FINTON, STEVEN J.
Project Leader's Email	sfinton@torrnet.com
Project Start Date	11/19/2013
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$2,550,000

The City maintains more than 69 million square feet of asphalt roadways, including several arterial roadways. The application of either a slurry seal or "Cape" seal helps extend the life of the pavement, reduces maintenance costs, and improves the appearance. Arterial streets in Torrance include: Artesia Blvd; 182nd St; 190th St; Del Amo Blvd; Torrance Blvd; Carson St; Sepulveda Blvd; Lomita Blvd; Anza Ave; Hawthorne Blvd (south of PCH); Prairie Ave; Madrona Ave; Crenshaw Blvd; Van Ness Ave; Arlington Ave; and Western Ave.

This project would provide for slurry seal or Cape seal application only on arterial streets whose existing condition meets the criteria. Arterials that were recently rehabilitated or whose condition warrants a more extensive repair method would not be included in this project.

Justification

The program will extend the life of existing asphalt pavement and minimize maintenance costs.

Impact of Non-Approval

Higher maintenance costs

Other Alternatives Considered

Do nothing

Cost Activity By Fiscal Year

Revision 1		Created By:		BILEZERIAN, CRAIG S.		
Project Cost after Revision 1: \$7,550,000		Created Date:		12/4/2015 2:06:56 PM		
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management						\$0
Design	\$40,000	\$40,000	\$40,000			\$120,000
Construction Management	\$40,000	\$40,000	\$40,000			\$120,000
Construction	\$700,000	\$700,000	\$700,000			\$2,100,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$70,000	\$70,000	\$70,000			\$210,000
Sub-Total:	\$850,000	\$850,000	\$850,000	\$0	\$0	\$2,550,000

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Construction Management	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Construction	\$840,000	\$840,000	\$840,000	\$840,000	\$840,000	\$4,200,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Sub-Total:	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Revision 1 Amount: \$2,550,000

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management						\$0
Design	\$40,000	\$40,000	\$40,000			\$120,000
Construction Management	\$40,000	\$40,000	\$40,000			\$120,000
Construction	\$700,000	\$700,000	\$700,000			\$2,100,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$70,000	\$70,000	\$70,000			\$210,000
Sub-Total:	\$850,000	\$850,000	\$850,000	\$0	\$0	\$2,550,000

Original Budget Amount: \$5,000,000

Created By: BILEZERIAN, CRAIG S.
Created Date: 2/5/2013 12:20:51 PM

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Construction Management	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Construction	\$840,000	\$840,000	\$840,000	\$840,000	\$840,000	\$4,200,000
Inspection	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Sub-Total:	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Department Priority	<input type="text" value="1"/>	<input type="text" value="High"/>
Recommendation	<input type="text"/>	Recommendation Last Changed
		Operator
		Date/Time
Initial Funding		
Council or City Manager Approval Date	<input type="text" value="11/19/2013"/>	
Council or City Manager Approval Item	<input type="text" value="12A"/>	
Council or City Manager Approval Amount	<input type="text" value="\$5,000,000"/>	

Cost Activity By Financing Source

Revision 1		Created By: BILEZERIAN, CRAIG S.	
Project Cost after Revision 1: \$7,550,000		Created Date: 12/4/2015 2:10:32 PM	
Financing Source	Measure R Local Return	To Be Determined	Total
Project Management	\$50,000		\$50,000
Design	\$300,000	\$120,000	\$420,000
Construction Management	\$100,000	\$120,000	\$220,000
Construction	\$4,200,000	\$2,100,000	\$6,300,000
Environmental Assessment			\$0
Right-of-way			\$0
Inspection	\$350,000	\$210,000	\$560,000
Sub-Total:	\$5,000,000	\$2,550,000	\$7,550,000

Revision 1 Amount: \$2,550,000

Financing Source	To Be Determined	Total
Project Management		\$0
Design	\$120,000	\$120,000
Construction Management	\$120,000	\$120,000
Construction	\$2,100,000	\$2,100,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection	\$210,000	\$210,000
Sub-Total:	\$2,550,000	\$2,550,000

**Original Budget
Amount: \$5,000,000**

Created By: BILEZERIAN, CRAIG S.
Created Date: 2/5/2013 12:20:51 PM

Financing Source	Measure R Local Return	Total
Project Management	\$50,000	\$50,000
Design	\$300,000	\$300,000
Construction Management	\$100,000	\$100,000
Construction	\$4,200,000	\$4,200,000
Inspection	\$350,000	\$350,000
Sub-Total:	\$5,000,000	\$5,000,000

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 12/4/2015 2:11:05 PM			
Description	2018-19	2019-20	2020-21	2021-22	2022-23
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input checked="" type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Revision 1

Description	2018-19	2019-20	2020-21		
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline

Original Timeline		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 2/5/2013 12:20:51 PM			
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input checked="" type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Financing Source - Details

Revision 1		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 1: \$7,550,000		Created Date: 12/4/2015 2:11:25 PM					
Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
To Be Determined	\$850,000	\$850,000	\$850,000			\$2,550,000	
Sub-Total:	\$850,000	\$850,000	\$850,000	\$0	\$0	\$2,550,000	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
Measure R Local Return	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	
Sub-Total:	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	
Revision 1 Amount: \$2,550,000							
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$850,000	\$850,000	\$850,000			\$2,550,000
Sub-Total:		\$850,000	\$850,000	\$850,000	\$0	\$0	\$2,550,000
Original Budget		Created By: BILEZERIAN, CRAIG S.					
Amount: \$5,000,000		Created Date: 2/5/2013 12:20:51 PM					
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Measure R Local Return	11/19/2013 12A	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Sub-Total:		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Financing Source Options

Original Budget		Created By: REYES, JOYCE I.	
Total Amount: \$2,550,000		Created Date: 3/30/2016 3:39:57 PM	
		Total Percentage: 100%	
Financing Source	Percent	Amount	
Prop C Local Return Fund	70%	\$1,785,000	
Measure R Local Return	30%	\$765,000	
Original Budget		Created By: BILEZERIAN, CRAIG S.	
Amount: \$28,500,000		Created Date: 2/5/2013 12:20:51 PM	
Financing Source	Percent	Amount	
Gas Tax 2103	100%	\$5,000,000	
Gas Tax 2105	100%	\$5,000,000	
Gas Tax 2107	100%	\$5,000,000	
General Fund	100%	\$5,000,000	
Prop C Local Return Fund	70%	\$3,500,000	
Measure R Local Return	100%	\$5,000,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$7,550,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$2,550,000
Measure R Local Return	\$3,000,000	\$5,000,000
Grand Total:	\$3,000,000	\$7,550,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$7,550,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$850,000	\$850,000	\$850,000			\$2,550,000
Sub-Total:	\$850,000	\$850,000	\$850,000	\$0	\$0	\$2,550,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Measure R Local Return	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Sub-Total:	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Net Changes

Amount: \$2,550,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$850,000	\$850,000	\$850,000			\$2,550,000
Sub-Total:	\$850,000	\$850,000	\$850,000	\$0	\$0	\$2,550,000

Original Budget

Amount: \$5,000,000

Created By: BILEZERIAN, CRAIG S.

Created Date: 2/5/2013 12:20:51 PM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Measure R Local Return	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Sub-Total:	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Quarterly Updates

Month Year

Staff selected Lomita Blvd (Crenshaw to Anza) and Carson St (Crenshaw to Madrona) as its candidate roadways for the 2016 program. Design is in progress. Construction will occur in summer/fall 2016.

Month Year

All 2015 work is complete and contracts are being closed. In spring 2016, staff will identify streets for the summer/fall 2016 program.

Month Year

All work is scheduled to be complete by October 15, 2015. Work is being performed in conjunction with the Residential Slurry Seal Program, Arterial Pavement Sealing Program, I 159. The project website is at: <http://www.torranceca.gov/28471.htm>

Month Year

A construction contract was awarded in June 2015. Work will occur in summer 2015. Streets to be slurry sealed will be: Carson St (Hawthorne to Madrona); Anza Ave (Calle Mayor to PCH); Calle Mayor (south of PCH); Skypark Dr (Madison to Crenshaw); Arlington Ave (Torrance to south City limit) and Yukon Ave (190th to 182nd). Work will be constructed with the Residential Slurry Seal Program, I 159. The project website is at: <http://www.torranceca.gov/28471.htm>

Month Year

The next phase of construction is now advertised for bid with work to occur in summer 2015. Streets to be slurry sealed will be: Carson St (Hawthorne to Madrona); Anza Ave (Calle Mayor to PCH); Calle Mayor (south of PCH); Skypark Dr (Madison to Crenshaw); Arlington Ave (Torrance to south City limit) and Yukon Ave (190th to 182nd). Work will be constructed with the Residential Slurry Seal Program, I 159. The project website is at: <http://www.torranceca.gov/28471.htm>

Month Year

Construction on Del Amo Blvd (west of Prairie Ave), Maple Avenue and Civic Center Drive was completed in October 2014. The next phase of work is scheduled for summer 2015. Streets to be slurry sealed will be: Anza Ave (Sepulveda to PCH); Lomita Blvd (Anza to Crenshaw); Skypark Dr (Madison to Crenshaw); and Arlington Ave (Torrance to south City limit).

Month Year

Construction began in September 2014. Streets to be slurry sealed are: Del Amo Blvd (west of Prairie Ave), Maple Avenue and Civic Center Drive.

Month Year

A construction contract was awarded in June 2014. Streets to be slurry sealed are: Del Amo Blvd (west of Prairie Ave), Maple Avenue and Civic Center Drive. Construction will occur in summer 2014 and will be coordinated with the Residential Slurry Seal Program, I 159 for cost effectiveness and administration efficiencies.

Month Year

Staff has identified Del Amo Blvd (west of Prairie Ave), Maple Avenue and Civic Center Drive as candidate streets for the summer 2014 construction project. Work will be coordinated with the Residential Slurry Seal Program, I 159 for cost effectiveness and administration efficiencies.

Month Year

Staff is scheduled to identify streets for this project during the next quarter. A design and construction schedule would be evaluated to coincide with the residential slurry seal, as the scope is similar and cost efficiencies can be achieved. It is possible to wait until summer 2015 for construction, pending an analysis of the schedule, costs and other construction activity.

Budget vs. Expenses

Last Payroll Update

Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$3,000,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$3,000,000.00</u>
Actual	<u>\$2,474,106.52</u>
Encumbrances	<u>\$0.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$525,893.48</u>

Revenue

Life To Date Budget - Posted	<u>\$3,000,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$3,000,000.00</u>
Actual	<u>\$3,000,000.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Request #: 2016-00154
I 159

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Citywide
Project Title	Residential Slurry Seal Program
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	FINTON, STEVEN J.
Project Leader's Email	sfinton@torrnet.com
Project Start Date	01/14/2014
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$2,250,000

Slurry seal is a liquid mixture of asphalt emulsion and sand that is applied to extend the life of existing asphalt pavement. The City maintains more than 69 million square feet of asphalt roadways, most of which are in residential areas. We also maintain several asphalt surfaces and drive surfaces at several City facilities. The application of slurry seal helps extend the life of the pavement and improve the appearance of the neighborhood. To be most effective, slurry seal should be applied to each street at 7 to 10 year intervals. At this rate, annual and long term maintenance costs for residential streets can be kept to a minimum.

Note: Funding for repairs to City facilities must come from General Fund.

NOTE FROM FINANCE: On June 24, 2014 council approved item 10B additional one time funding of \$1,000,000 from additional permit fees due to the revitalization of Del Amo Mall and \$450,000 (ongoing funding) from the annual payment of loan from the Water Enterprise Fund to General Fund

Justification

The slurry seal program will extend the life of existing asphalt pavement and minimize maintenance costs.

Impact of Non-Approval

Higher maintenance costs

Other Alternatives Considered

N/A

Department Priority	1	High
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time

Initial Funding	
Council or City Manager Approval Date	01/14/2014
Council or City Manager Approval Item	12A
Council or City Manager Approval Amount	\$3,500,000

Amendments		
Council Approval Date	Council Approval Item	Amount
06/24/2014	10B	\$1,450,000
05/05/2015	8C	\$400,000
05/19/2015	12E	\$50,000

Cost Activity By Fiscal Year

Revision 4		Created By:		BILEZERIAN, CRAIG S.		
Project Cost after Revision 4: \$7,650,000		Created Date:		12/4/2015 2:25:22 PM		
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management						\$0
Design	\$40,000	\$40,000	\$40,000			\$120,000
Construction Management	\$10,000	\$10,000	\$10,000			\$30,000
Construction	\$650,000	\$650,000	\$650,000			\$1,950,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$50,000	\$50,000	\$50,000			\$150,000
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Construction	\$600,000	\$2,450,000	\$650,000	\$600,000	\$600,000	\$4,900,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sub-Total:	\$700,000	\$2,550,000	\$750,000	\$700,000	\$700,000	\$5,400,000

Revision 4 Amount: \$2,250,000

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management						\$0
Design	\$40,000	\$40,000	\$40,000			\$120,000
Construction Management	\$10,000	\$10,000	\$10,000			\$30,000
Construction	\$650,000	\$650,000	\$650,000			\$1,950,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$50,000	\$50,000	\$50,000			\$150,000
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

Revision 3
Project Cost after Revision 3: \$5,400,000

Created By: REYES, JOYCE I.
Created Date: 12/3/2015 5:21:23 PM

	2018-19	2019-20				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Construction	\$600,000	\$2,450,000	\$650,000	\$600,000	\$600,000	\$4,900,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sub-Total:	\$700,000	\$2,550,000	\$750,000	\$700,000	\$700,000	\$5,400,000

Revision 3 Amount: \$50,000

	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$50,000					\$50,000
Environmental Assessment						\$0
Right-of-way						\$0

Inspection						\$0
Sub-Total:	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Revision 2
Project Cost after Revision 2: \$5,350,000

Created By: REYES, JOYCE I.
 Created Date: 5/26/2015 3:43:07 PM

	2018-19					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Construction	\$600,000	\$2,450,000	\$600,000	\$600,000	\$600,000	\$4,850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sub-Total:	\$700,000	\$2,550,000	\$700,000	\$700,000	\$700,000	\$5,350,000

Revision 2 Amount: \$400,000

	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$400,000					\$400,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$400,000	\$0	\$0	\$0	\$0	\$400,000

Revision 1
Project Cost after Revision 1: \$4,950,000

Created By: REYES, JOYCE I.
 Created Date: 6/30/2014 10:53:28 AM

	2018-19					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Construction	\$600,000	\$2,050,000	\$600,000	\$600,000	\$600,000	\$4,450,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sub-Total:	\$700,000	\$2,150,000	\$700,000	\$700,000	\$700,000	\$4,950,000

Revision 1 Amount: \$1,450,000

	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Project Management						\$0
Design						\$0
Construction Management						\$0

Construction	\$1,450,000					\$1,450,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000

Original Budget
Amount: \$3,500,000

Created By: BILEZERIAN, CRAIG S.
Created Date: 2/5/2013 11:59:40 AM

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Design	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Construction	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Inspection	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sub-Total:	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$3,500,000

Cost Activity By Financing Source

Revision 4		Created By:		BILEZERIAN, CRAIG S.		
Project Cost after Revision 4: \$7,650,000		Created Date:		12/4/2015 2:26:12 PM		
Financing Source	Gas Tax	General Fund	Measure R Local Return	To Be Determined		Total
Project Management	\$50,000					\$50,000
Design	\$150,000			\$120,000		\$270,000
Construction Management	\$50,000			\$30,000		\$80,000
Construction	\$2,510,000	\$1,540,000	\$850,000	\$1,950,000		\$6,850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$250,000			\$150,000		\$400,000
Sub-Total:	\$3,010,000	\$1,540,000	\$850,000	\$2,250,000	\$0	\$7,650,000

Revision 4 Amount: \$2,250,000

Financing Source	To Be Determined					Total
Project Management						\$0
Design	\$120,000					\$120,000
Construction Management	\$30,000					\$30,000
Construction	\$1,950,000					\$1,950,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$150,000					\$150,000
Sub-Total:	\$2,250,000	\$0	\$0	\$0	\$0	\$2,250,000

Revision 3
Project Cost after Revision 3: \$5,400,000

Created By: REYES, JOYCE I.
Created Date: 12/3/2015 5:21:28 PM

Financing Source	Gas Tax	General Fund	Measure R Local Return			Total
Project Management	\$50,000					\$50,000
Design	\$150,000					\$150,000
Construction Management	\$50,000					\$50,000
Construction	\$2,510,000	\$1,540,000	\$850,000			\$4,900,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$250,000					\$250,000
Sub-Total:	\$3,010,000	\$1,540,000	\$850,000	\$0	\$0	\$5,400,000

Revision 3 Amount: \$50,000

Financing Source	General Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$50,000					\$50,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Revision 2
Project Cost after Revision 2: \$5,350,000

Created By: REYES, JOYCE I.
Created Date: 5/26/2015 3:43:19 PM

Financing Source	Gas Tax	General Fund	Measure R Local Return			Total
Project Management	\$50,000					\$50,000
Design	\$150,000					\$150,000
Construction Management	\$50,000					\$50,000
Construction	\$2,510,000	\$1,490,000	\$850,000			\$4,850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$250,000					\$250,000
Sub-Total:	\$3,010,000	\$1,490,000	\$850,000	\$0	\$0	\$5,350,000

Revision 2 Amount: \$400,000

Financing Source	Measure R Local Return	General Fund				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$850,000	(\$450,000)				\$400,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$850,000	(\$450,000)	\$0	\$0	\$0	\$400,000

**Revision 1
Project Cost after Revision 1: \$4,950,000**

Created By: REYES, JOYCE I.
Created Date: 6/30/2014 10:53:39 AM

Financing Source	Gas Tax	General Fund				Total
Project Management	\$50,000					\$50,000
Design	\$150,000					\$150,000
Construction Management	\$50,000					\$50,000
Construction	\$2,510,000	\$1,940,000				\$4,450,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$250,000					\$250,000
Sub-Total:	\$3,010,000	\$1,940,000	\$0	\$0	\$0	\$4,950,000

Revision 1 Amount: \$1,450,000

Financing Source	General Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$1,450,000					\$1,450,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000

**Original Budget
Amount: \$3,500,000**

Created By: BILEZERIAN, CRAIG S.
Created Date: 2/5/2013 11:59:40 AM

Financing Source	Gas Tax	General Fund				Total
Project Management	\$50,000					\$50,000
Design	\$150,000					\$150,000
Construction Management	\$50,000					\$50,000
Construction	\$2,510,000	\$490,000				\$3,000,000
Inspection	\$250,000					\$250,000
Sub-Total:	\$3,010,000	\$490,000	\$0	\$0	\$0	\$3,500,000

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 12/4/2015 2:27:07 PM			
Description	2018-19	2019-20	2020-21	2021-22	2022-23
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input checked="" type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Revision 1					
Description	2018-19	2019-20	2020-21		
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 2/5/2013 11:59:40 AM			
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input checked="" type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Financing Source - Details

Revision 4		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 4: \$7,650,000		Created Date: 12/4/2015 2:27:30 PM					
Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
To Be Determined	\$750,000	\$750,000	\$750,000			\$2,250,000	
Measure R Local Return						\$0	
General Fund						\$0	
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
General Fund	\$98,000	\$1,098,000	\$148,000	\$98,000	\$98,000	\$1,540,000	
Gas Tax	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000	
Measure R Local Return		\$850,000				\$850,000	
Sub-Total:	\$700,000	\$2,550,000	\$750,000	\$700,000	\$700,000	\$5,400,000	
Revision 4 Amount: \$2,250,000							
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$750,000	\$750,000	\$750,000			\$2,250,000
Sub-Total:		\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000
Revision 4		Created By: REYES, JOYCE I.					
Project Cost after Revision 4: \$5,400,000		Created Date: 12/3/2015 5:20:40 PM					
Financing Source	2018-19	2019-20				Total	
Measure R Local Return						\$0	
General Fund						\$0	
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
General Fund	\$98,000	\$1,098,000	\$148,000	\$98,000	\$98,000	\$1,540,000	
Gas Tax	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000	
Measure R Local Return		\$850,000				\$850,000	
Sub-Total:	\$700,000	\$2,550,000	\$750,000	\$700,000	\$700,000	\$5,400,000	
Revision 4 Amount: \$50,000							
Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
General Fund	05/19/2015 12E	\$50,000					\$50,000
Sub-Total:		\$50,000	\$0	\$0	\$0	\$0	\$50,000
Revision 3		Created By: REYES, JOYCE I.					
Project Cost after Revision 3: \$5,350,000		Created Date: 5/26/2015 3:41:37 PM					
Financing Source	2018-19					Total	
Measure R Local Return						\$0	
General Fund						\$0	
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
General Fund	\$98,000	\$1,098,000	\$98,000	\$98,000	\$98,000	\$1,490,000	
Gas Tax	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000	
Measure R Local Return		\$850,000				\$850,000	
Sub-Total:	\$700,000	\$2,550,000	\$700,000	\$700,000	\$700,000	\$5,350,000	
Revision 3 Amount: \$400,000							
Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Measure R Local Return	05/05/2015 8C-From I 120	\$850,000					\$850,000
General Fund	05/05/2015 8C-to Fd1017- Prop A Exc-City of Maywood	(\$450,000)					(\$450,000)
Sub-Total:		\$400,000	\$0	\$0	\$0	\$0	\$400,000

Revision 2
 Project Cost after Revision 2: \$4,950,000

Created By: REYES, JOYCE I.
 Created Date: 6/30/2014 10:50:25 AM

Financing Source	2018-19						Total
General Fund							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund	\$98,000	\$1,548,000	\$98,000	\$98,000	\$98,000	\$1,940,000
Gas Tax	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000
Sub-Total:	\$700,000	\$2,150,000	\$700,000	\$700,000	\$700,000	\$4,950,000

Revision 2 Amount: \$1,450,000

Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
General Fund	06/24/2014 10B	\$1,450,000					\$1,450,000
Sub-Total:		\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000

Original Budget
 Amount: \$3,500,000

Created By: BILEZERIAN, CRAIG S.
 Created Date: 2/5/2013 11:59:40 AM

Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Gas Tax	01/14/2014 12A	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000
General Fund	01/14/2014 12A	\$98,000	\$98,000	\$98,000	\$98,000	\$98,000	\$490,000
Sub-Total:		\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$3,500,000

Financing Source Options

Original Budget Total Amount: \$2,250,000		Total Percentage: 100%		Created By: BILEZERIAN, CRAIG S. Created Date: 12/4/2015 2:32:40 PM	
Financing Source	Percent	Amount			
General Fund	13%	\$292,500			
Measure R Local Return	87%	\$1,957,500			

Original Budget Amount: \$9,940,000		Created By: BILEZERIAN, CRAIG S. Created Date: 2/5/2013 12:05:16 PM	
Financing Source	Percent	Amount	
Gas Tax 2103	90%	\$3,150,000	
Gas Tax 2105	90%	\$3,150,000	
Gas Tax 2107	90%	\$3,150,000	
General Fund	14%	\$490,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$7,650,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$2,250,000
Gas Tax	\$1,806,000	\$3,010,000
General Fund	\$1,344,000	\$1,540,000
Measure R Local Return	\$850,000	\$850,000
Grand Total:	\$4,000,000	\$7,650,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$7,650,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$750,000	\$750,000	\$750,000			\$2,250,000
Measure R Local Return						\$0
General Fund						\$0
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund	\$98,000	\$1,098,000	\$148,000	\$98,000	\$98,000	\$1,540,000
Gas Tax	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000
Measure R Local Return		\$850,000				\$850,000
Sub-Total:	\$700,000	\$2,550,000	\$750,000	\$700,000	\$700,000	\$5,400,000

Net Changes

Amount: \$4,150,000

Financing Source	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$750,000	\$750,000			\$1,500,000
General Fund					\$0
Sub-Total:	\$750,000	\$750,000	\$0	\$0	\$1,500,000

Financing Source	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Measure R Local Return	\$850,000					\$850,000
General Fund	\$1,000,000	\$50,000				\$1,050,000
To Be Determined					\$750,000	\$750,000
Sub-Total:	\$1,850,000	\$50,000	\$0	\$0	\$750,000	\$2,650,000

Original Budget

Amount: \$3,500,000

Created By: BILEZERIAN, CRAIG S.

Created Date: 2/5/2013 11:59:40 AM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
General Fund	\$98,000	\$98,000	\$98,000	\$98,000	\$98,000	\$490,000
Gas Tax	\$602,000	\$602,000	\$602,000	\$602,000	\$602,000	\$3,010,000
Sub-Total:	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$3,500,000

Quarterly Updates

Month	<input type="text" value="March"/>	Year	<input type="text" value="2016"/>
Staff has identified streets for the 2016 program. Work will occur in summer/fall 2016 in conjunction with the Arterial Pavement Sealing Program, I 139. The project website is at: http://www.torranceca.gov/28471.htm			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2015"/>
All 2015 work is complete and contracts are being closed. In spring 2016, staff will identify streets for the summer/fall 2016 program.			
Month	<input type="text" value="September"/>	Year	<input type="text" value="2015"/>
All work is scheduled to be complete by October 15, 2015. Work is being performed in conjunction with the Arterial Pavement Sealing Program, I 139. The project website is at: http://www.torranceca.gov/28471.htm			
Month	<input type="text" value="June"/>	Year	<input type="text" value="2015"/>
A construction contract was awarded in June 2015. Work to occur in summer 2015. Work will be constructed with the Arterial Pavement Sealing Program, I 139. The project website is at: http://www.torranceca.gov/28471.htm			
Month	<input type="text" value="March"/>	Year	<input type="text" value="2015"/>
The next phase of construction is now advertised for bid with work to occur in summer 2015. Work will be constructed with the Arterial Pavement Sealing Program, I 139. The project website is at: http://www.torranceca.gov/28471.htm			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2014"/>
Construction of the summer 2014 program is complete. The next phase of work is scheduled for construction in summer 2015. Design efforts have started.			
Month	<input type="text" value="September"/>	Year	<input type="text" value="2014"/>
Construction began in September 2014 and will be completed in November 2014.			
Month	<input type="text" value="June"/>	Year	<input type="text" value="2014"/>
A construction contract was awarded in June 2014. Slurry seal will occur in 4 neighborhoods and at several City parking facilities (Wilson Park; Delthorne Park, Civic Center complex and in the downtown area). Construction will occur in conjunction with the Arterial Street Seal Program, I 139. for cost effectiveness and administration efficiencies.			
Month	<input type="text" value="March"/>	Year	<input type="text" value="2014"/>
Staff is finishing the design phase with construction to occur in summer 2014. Slurry seal will occur in 4 neighborhoods and at several City parking facilities (Wilson Park; Delthorne Park and in the downtown area). Construction will occur in conjunction with the Arterial Street Seal Program, I 139.			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2013"/>
No Update Submitted			

Budget vs. Expenses	
Last Payroll Update	<input type="text" value="3/5/2016"/>
Budget As Of	<input type="text" value="03/24/2016"/>
Expenses	Revenue
Life To Date Budget - Posted	\$4,000,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$4,000,000.00
Actual	\$3,716,081.28
Encumbrances	\$0.00
Unposted Transaction	\$0.00
Available Budget	\$283,918.72
Life To Date Budget - Posted	\$4,000,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$4,000,000.00
Actual	\$4,000,000.00
Unposted Transaction	\$0.00
Available Budget	\$0.00

Type of Project	Infrastructure
Project Location	City-wide
Project Title	FY2018-21 Residential Street Rehabilitation Program
Submitting Department	Public Works - Project Design and Admin
Prepared By	OVERSTREET, ELIZABETH F.
Preparer's Email	eoverstreet@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	OVERSTREET, ELIZABETH F.
Project Leader's Email	eoverstreet@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

This project utilizes the results of the biennial Pavement Evaluation Program and other data to identify residential streets in need of pavement rehabilitation/reconstruction/overlay and repairs to damaged curbs and gutters, sidewalks, cross-gutters and replacement of various street trees as needed.

Recognizing that the computerized pavement evaluation favors high-volume major roadways, this new program will set aside a portion of the street reconstruction budget for residential streets only. Each year the Public Works Department identifies residential streets and their associated curb, gutter and sidewalk that need to be replaced. This is based on field inspections, concerns expressed by residents/businesses and other data.

Justification

The Residential Street Rehabilitation Program, is included in the May 2010 Strategic Plan as part of Strategic Priority 5 – Infrastructure. The work performed as part of this program will be consistent with Goal #2 to plan, design, construct and maintain an efficiently functioning infrastructure for this Strategic Priority. Additionally, the sidewalk repairs performed as part of this program replace damaged and uplifted sidewalks which lessen the potential for trip and fall claims.

Impact of Non-Approval

Streets will continue to deteriorate. Maintenance crews will be required to fill potholes, cap, and/or digout sections of asphalt and replace until the final repairs can be made. Sidewalks will continue to uplift and/or become displaced. A separate contract will need to be utilized to ramp and/or ground sections of sidewalk until the actual repairs can be made to replace the concrete flatwork.

Other Alternatives Considered

N/A

Cost Activity By Fiscal Year

Original Budget Amount: \$2,900,000		Created By: OVERSTREET, ELIZABETH F. Created Date: 12/8/2015 8:10:47 AM				
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$50,000	\$50,000	\$50,000			\$150,000
Design	\$100,000	\$100,000	\$100,000			\$300,000
Construction Management	\$50,000	\$50,000	\$50,000			\$150,000
Construction	\$550,000	\$650,000	\$650,000			\$1,850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$150,000	\$150,000	\$150,000			\$450,000
Sub-Total:	\$900,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,900,000

Cost Activity By Financing Source

Original Budget Amount: \$2,900,000		Created By: OVERSTREET, ELIZABETH F. Created Date: 12/8/2015 8:10:47 AM				
Financing Source	To Be Determined					Total
Project Management	\$150,000					\$150,000
Design	\$300,000					\$300,000
Construction Management	\$150,000					\$150,000
Construction	\$1,850,000					\$1,850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$450,000					\$450,000
Sub-Total:	\$2,900,000	\$0	\$0	\$0	\$0	\$2,900,000

Department Priority	1	High
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Project Timeline

Original Timeline		Created By: OVERSTREET, ELIZABETH F.			
		Created Date: 12/8/2015 8:10:47 AM			
Description	2018-19	2019-20	2020-21		
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: OVERSTREET, ELIZABETH F.					
Amount: \$2,900,000		Created Date: 12/8/2015 8:10:47 AM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$900,000	\$1,000,000	\$1,000,000			\$2,900,000
Sub-Total:		\$900,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,900,000

Financing Source Options

Original Budget		Created By: OVERSTREET, ELIZABETH F.	
Total Amount: \$2,900,000		Created Date: 12/8/2015 9:02:29 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Gas Tax	50%	\$1,450,000	
Measure R Local Return	50%	\$1,450,000	

Request #: 2016-00156

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	City-wide
Project Title	FY2018-21 Sewer Repairs
Submitting Department	Public Works - Project Design and Admin
Prepared By	OVERSTREET, ELIZABETH F.
Preparer's Email	eoverstreet@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	OVERSTREET, ELIZABETH F.
Project Leader's Email	eoverstreet@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
This project will replace or rehabilitate sewer mains in various areas throughout the City. It will also construct new sewer manholes where none currently exist to facilitate sewer maintenance.

Justification
These improvements are required to maintain sewer service and reduce sewer spills and maintenance.

Impact of Non-Approval
Maintenance crews will continue to make interim repairs as needed as long as the depths are within their capacity to perform the work. Repairs needed beyond the capacity of maintenance crews will be performed on an emergency basis as sewer backups occur.

Other Alternatives Considered
Full pipeline replacements (instead of point repairs), however, cost increases exponentially and not as many areas can be addressed.

Cost Activity By Fiscal Year

Original Budget Amount: \$750,000		Created By: OVERSTREET, ELIZABETH F. Created Date: 12/8/2015 9:05:49 AM				
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$7,500	\$7,500	\$7,500			\$22,500
Design	\$25,000	\$25,000	\$25,000			\$75,000
Construction Management	\$7,500	\$7,500	\$7,500			\$22,500
Construction	\$157,500	\$157,500	\$157,500			\$472,500
Environmental Assessment						\$0
Right-of-way	\$7,500	\$7,500	\$7,500			\$22,500
Inspection	\$45,000	\$45,000	\$45,000			\$135,000
Sub-Total:	\$250,000	\$250,000	\$250,000	\$0	\$0	\$750,000

Cost Activity By Financing Source

Original Budget Amount: \$750,000		Created By: OVERSTREET, ELIZABETH F. Created Date: 12/8/2015 9:05:49 AM				
Financing Source	To Be Determined					Total
Project Management	\$22,500					\$22,500
Design	\$75,000					\$75,000
Construction Management	\$22,500					\$22,500
Construction	\$472,500					\$472,500
Environmental Assessment						\$0
Right-of-way	\$22,500					\$22,500
Inspection	\$135,000					\$135,000
Sub-Total:	\$750,000	\$0	\$0	\$0	\$0	\$750,000

Project Timeline

Original Timeline		Created By: OVERSTREET, ELIZABETH F.			
		Created Date: 12/8/2015 9:05:49 AM			
Description	2018-19	2019-20	2020-21		
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Department Priority	<input type="text" value="3"/>	<input type="text" value="High"/>
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Financing Source - Details

Original Budget		Created By: OVERSTREET, ELIZABETH F.					
Amount: \$750,000		Created Date: 12/8/2015 9:05:49 AM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$250,000	\$250,000	\$250,000			\$750,000
Sub-Total:		\$250,000	\$250,000	\$250,000	\$0	\$0	\$750,000

Financing Source Options

Original Budget		Created By: OVERSTREET, ELIZABETH F.	
Total Amount: \$750,000		Created Date: 12/8/2015 9:34:59 AM	
		Total Percentage: 100%	
Financing Source	Percent	Amount	
Sewer Fund	100%	\$750,000	

Type of Project	Traffic and Transportation
Project Location	Torrance Regional Transit Center to Downtown Torrance
Project Title	Rubber Wheel Trolley Circulator
Submitting Department	Public Works - Project Design and Admin
Prepared By	OVERSTREET, ELIZABETH F.
Preparer's Email	eoverstreet@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	OVERSTREET, ELIZABETH F.
Project Leader's Email	eoverstreet@torranceca.gov
Project Start Date	04/05/2016
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

DESCRIPTION AND FUNDING REQUEST IF MTA GRANT IS NOT APPROVED (\$3,385,200):
 \$3,385,200 in funding is requested to provide for the purchase of additional right of way, street widening/rehabilitation, and hardscape/landscape to widen Dominguez Street east of Crenshaw Blvd and to widen Sartori Avenue between Dominguez Street and Portola Avenue.

DESCRIPTION AND FUNDING REQUEST IF MTA GRANT IS APPROVED (\$3,500,000 + \$3,385,200 LOCAL FUNDS = \$6,885,200 TOTAL):
 \$2,800,000 in grant funding plus \$700,000 match is requested to provide for the purchase of the rubber wheeled trolleys. The trolley buses will provide service between the Torrance Regional Transit Center and Downtown Torrance. There is also a potential to provide service to local hotels, Del Amo Fashion Center and Beach Cities. Additionally, \$3,385,200 in funding is requested to provide for the purchase of right of way, street widening/rehabilitation, and hardscape/landscape to widen Dominguez Street east of Crenshaw Blvd and to widen Sartori Avenue between Dominguez Street and Portola Avenue for a total not to exceed amount of \$6,885,200.

Justification

Enhance an existing corridor to allow easier vehicle access and travel while providing a nostalgic mode of transportation. This project is consistent with Strategic Priority 10 - Traffic & Transportation, Goals 2, 3, and 5: Goal 2 To provide a full range of transportation opportunities; Goal 3 Land use balance with sound transportation management practices; Goal 5 Maintain a transportation system that is compatible with the residential community.

Impact of Non-Approval

The existing property east of Crenshaw Boulevard along Dominguez Street will continue to be unkempt and rarely maintained by the existing property owner. Additionally, without the ability to widen the existing roadway, the trolley vehicle access in this area would be difficult and challenging.

Other Alternatives Considered

Operate trolley bus on a different corridor, excluding portions of the downtown Torrance area.

Cost Activity By Fiscal Year

Original Budget Amount: \$6,885,200		Created By: OVERSTREET, ELIZABETH F. Created Date: 12/8/2015 9:36:20 AM				
	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Project Management		\$35,100	\$35,100			\$70,200
Design		\$140,000				\$140,000
Construction Management			\$70,000			\$70,000
Construction			\$700,000			\$700,000
Environmental Assessment						\$0
Right-of-way		\$2,300,000				\$2,300,000
Inspection			\$105,000			\$105,000
Capital Purchase (Trolleys)			\$3,500,000			\$3,500,000
Sub-Total:	\$0	\$2,475,100	\$4,410,100	\$0	\$0	\$6,885,200

Cost Activity By Financing Source

Original Budget Amount: \$6,885,200		Created By: OVERSTREET, ELIZABETH F. Created Date: 12/8/2015 9:36:20 AM				
Financing Source	To Be Determined					Total
Project Management	\$70,200					\$70,200
Design	\$140,000					\$140,000
Construction Management	\$70,000					\$70,000
Construction	\$700,000					\$700,000
Environmental Assessment						\$0
Right-of-way	\$2,300,000					\$2,300,000
Inspection	\$105,000					\$105,000
Capital Purchase (Trolleys)	\$3,500,000					\$3,500,000
Sub-Total:	\$6,885,200	\$0	\$0	\$0	\$0	\$6,885,200

Department Priority	<input type="text" value="4"/>	<input type="text" value="High"/>
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Project Timeline

Original Timeline		Created By: OVERSTREET, ELIZABETH F.			
		Created Date: 12/8/2015 9:36:20 AM			
Description	2015-16	2016-17	2017-18	2018-19	2019-20
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capital Purchase (Trolleys)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Original Budget		Created By: OVERSTREET, ELIZABETH F.					
Amount: \$6,885,200		Created Date: 12/8/2015 9:36:20 AM					
Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
To Be Determined			\$2,475,100	\$4,410,100			\$6,885,200
Sub-Total:		\$0	\$2,475,100	\$4,410,100	\$0	\$0	\$6,885,200

Financing Source Options

Original Budget		Created By: OVERSTREET, ELIZABETH F.	
Total Amount: \$8,270,400		Created Date: 12/8/2015 3:58:26 PM	
Total Percentage: 120%			
Financing Source	Percent	Amount	
Federal Grant pass thru MTA	41%	\$2,800,000	
Measure R Local Return	49%	\$3,385,200	
Prop C Local Return Fund	30%	\$2,085,200	

Type of Project	Infrastructure
Project Location	South Torrance
Project Title	Machado Lake Watershed Best Management Practices for Nutrient and Toxics TMDLs (Water Quality Monitoring & Reporting Plan)
Submitting Department	Public Works - Project Design and Admin
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	09/27/2011
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

<p>Description</p> <p>ADDITIONAL FUNDING REQUEST: \$200,000</p> <p>The City is required by the Regional Board to implement water quality monitoring at City boundaries of the Machado Lake Watershed, then use that study to develop structural and programmatic Best Management Practices (BMPs) to prevent nutrients and toxics from leaving the City and being deposited into Machado Lake. Once the BMPs are determined that will bring the City into compliance with the Machado Lake Nutrient and Toxics TMDLs, then the budget will be requested.</p> <p>The Machado Lake Nutrient TMDL requires a BMP Implementation Plan to be submitted. Staff met with Regional Board and it was agreed the City could provide a joint Machado Lake Nutrient and Toxics TMDLs BMP Implementation Plan. That plan is due by September 2013. It was also agreed that Torrance could submit a joint Machado Lake Nutrient and Toxics Monitoring Plan, already submitted for approval.</p> <p>The Regional Board is requiring a Machado Lake TMDL BMP Implementation Plan. Staff met with Regional Board staff and it was agreed that Torrance could submit a combined Machado Lake Nutrient and Toxics TMDL BMP Implementation Plan. Proposals were solicited from Carollo Engineers, who prepare the Storm Water Quality Master Plan, and Northgate Environmental Management. Carollo Engineers were selected based on qualifications and familiarity with the City's storm water quality model. Staff negotiated a scope of work and fee of \$76,948. There are no sufficient funds in this project to cover both the consultant contract and staff costs.</p>
<p>Justification</p> <p>The City is required to comply with TMDLs adopted by the Regional Board and incorporated into the City's NPDES Permit. The Machado Lake Nutrient TMDL Monitoring and Reporting Plan is the first requirement of the TMDL.</p> <p>The Machado Lake Toxics TMDL is now in effect and requires a BMP Implementation Plan and Monitoring Plan.</p>
<p>Impact of Non-Approval</p> <p>The Regional Board can issue fines up to \$25,000 per day for non-compliance with TMDL water quality regulations.</p>
<p>Other Alternatives Considered</p> <p>Pay the fines.</p>

Department Priority	1	High
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time

Initial Funding	
Council or City Manager Approval Date	09/27/2011
Council or City Manager Approval Item	8H
Council or City Manager Approval Amount	\$364,063

Amendments		
Council Approval Date	Council Approval Item	Amount
05/15/2012	12B	\$25,000
12/18/2012	12A	\$25,000
08/13/2013	8I	\$69,652
12/17/2013	8i	\$25,274

Cost Activity By Fiscal Year

Revision 6		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 6: \$903,683		Created Date: 12/8/2015 12:42:36 PM					
	2021-22						Total
Project Management							\$0
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Water Quality Monitoring & Implementation Plan							\$0
Inspection							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

	2016-17	2017-18	2018-19	2019-20	2020-21		Total
Project Management							\$0
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Water Quality Monitoring & Implementation Plan		\$200,000					\$200,000
Sub-Total:	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

	2011-12	2012-13	2013-14	2014-15	2015-16		Total
Project Management	\$75,000	\$50,000					\$125,000
Design							\$0
Construction Management							\$0
Construction			\$94,926	\$194,694			\$289,620
Environmental Assessment							\$0
Right-of-way							\$0
Additional Water Sampling & Analysis	\$6,504						\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559						\$282,559
Inspection							\$0
Sub-Total:	\$364,063	\$50,000	\$94,926	\$194,694	\$0	\$0	\$703,683

Revision 6 Amount: \$200,000

	2017-18	2018-19	2019-20	2020-21	2021-22		Total
Project Management							\$0
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Water Quality Monitoring & Implementation Plan	\$200,000						\$200,000
Sub-Total:	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

Revision 5
Project Cost after Revision 5: \$703,683

Created By: REYES, JOYCE I.
Created Date: 1/14/2015 4:10:39 PM

	2016-17	2017-18	2018-19				Total
Project Management							\$0
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management	\$75,000	\$50,000				\$125,000
Design						\$0
Construction Management						\$0
Construction			\$94,926	\$194,694		\$289,620
Environmental Assessment						\$0
Right-of-way						\$0
Additional Water Sampling & Analysis	\$6,504					\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559					\$282,559
Inspection						\$0
Sub-Total:	\$364,063	\$50,000	\$94,926	\$194,694	\$0	\$703,683

Revision 5 Amount: \$194,694

	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$194,694					\$194,694
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$194,694	\$0	\$0	\$0	\$0	\$194,694

Revision 4

Project Cost after Revision 4: \$508,989

Created By: REYES, JOYCE I.
Created Date: 1/27/2014 4:56:10 PM

	2016-17	2017-18				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management	\$75,000	\$50,000				\$125,000
Design						\$0
Construction Management						\$0
Construction			\$94,926			\$94,926
Environmental Assessment						\$0
Right-of-way						\$0
Additional Water Sampling & Analysis	\$6,504					\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559					\$282,559
Inspection						\$0
Sub-Total:	\$364,063	\$50,000	\$94,926	\$0	\$0	\$508,989

Revision 4 Amount: \$25,274

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$25,274					\$25,274
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$25,274	\$0	\$0	\$0	\$0	\$25,274

Revision 3

Project Cost after Revision 3: \$483,715

Created By: REYES, JOYCE I.
Created Date: 8/14/2013 10:41:40 AM

	2016-17	2017-18				Total
Project Management						\$0

Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management	\$75,000	\$50,000				\$125,000
Design						\$0
Construction Management						\$0
Construction			\$69,652			\$69,652
Environmental Assessment						\$0
Right-of-way						\$0
Additional Water Sampling & Analysis	\$6,504					\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559					\$282,559
Inspection						\$0
Sub-Total:	\$364,063	\$50,000	\$69,652	\$0	\$0	\$483,715

Revision 3 Amount: \$69,652

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$69,652					\$69,652
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$69,652	\$0	\$0	\$0	\$0	\$69,652

**Revision 2
Project Cost after Revision 2: \$414,063**

Created By: DETTLE, JOHN C.
Created Date: 11/20/2012 3:09:17 PM

	2016-17	Total
Project Management		\$0
Design		\$0
Construction Management		\$0
Construction		\$0
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$0	\$0

	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management	\$75,000	\$50,000				\$125,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Additional Water Sampling & Analysis	\$6,504					\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559					\$282,559
Inspection						\$0
Sub-Total:	\$364,063	\$50,000	\$0	\$0	\$0	\$414,063

Revision 2 Amount: \$25,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$25,000					\$25,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0

Inspection							
Sub-Total:	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

Revision 1
Project Cost after Revision 1: \$389,063

Created By: REYES, JOYCE I.
 Created Date: 9/17/2012 3:53:58 PM

	2016-17						Total
Project Management							\$0
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Sub-Total:	\$0						

	2011-12	2012-13	2013-14	2014-15	2015-16		Total
Project Management	\$75,000	\$25,000					\$100,000
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Additional Water Sampling & Analysis	\$6,504						\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559						\$282,559
Inspection							\$0
Sub-Total:	\$364,063	\$25,000	\$0	\$0	\$0	\$0	\$389,063

Revision 1 Amount: \$25,000

	2012-13	2013-14	2014-15	2015-16	2016-17		Total
Project Management	\$25,000						\$25,000
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Sub-Total:	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

Original Budget
Amount: \$364,063

Created By: DETTLE, JOHN C.
 Created Date: 3/15/2011 4:23:02 PM

	2011-12	2012-13	2013-14	2014-15	2015-16		Total
Project Management	\$75,000						\$75,000
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Water Quality Monitoring & Implementation Plan	\$282,559						\$282,559
Additional Water Sampling & Analysis	\$6,504						\$6,504
Sub-Total:	\$364,063	\$0	\$0	\$0	\$0	\$0	\$364,063

Cost Activity By Financing Source

Revision 6		Created By:		BILEZERIAN, CRAIG S		
Project Cost after Revision 6: \$903,683		Created Date:		12/8/2015 12:42:51 PM		
Financing Source	General Fund	Sewer Fund	To Be Determined			Total
Project Management	\$25,000	\$100,000				\$125,000
Design						\$0
Construction Management						\$0
Construction		\$289,620				\$289,620
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Additional Water Sampling & Analysis		\$6,504				\$6,504
Water Quality Monitoring & Implementation Plan		\$282,559	\$200,000			\$482,559
Sub-Total:	\$25,000	\$678,683	\$200,000	\$0	\$0	\$903,683

Revision 6 Amount: \$200,000

Financing Source	To Be Determined					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Water Quality Monitoring & Implementation Plan	\$200,000					\$200,000
Sub-Total:	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Revision 5		Created By:		REYES, JOYCE I.		
Project Cost after Revision 5: \$703,683		Created Date:		1/14/2015 4:10:44 PM		
Financing Source	General Fund	Sewer Fund				Total
Project Management	\$25,000	\$100,000				\$125,000
Design						\$0
Construction Management						\$0
Construction		\$289,620				\$289,620
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Additional Water Sampling & Analysis		\$6,504				\$6,504
Water Quality Monitoring & Implementation Plan		\$282,559				\$282,559
Sub-Total:	\$25,000	\$678,683	\$0	\$0	\$0	\$703,683

Revision 5 Amount: \$194,694

Financing Source	Sewer Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$194,694					\$194,694
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$194,694	\$0	\$0	\$0	\$0	\$194,694

Revision 4		Created By:		REYES, JOYCE I.		
Project Cost after Revision 4: \$508,989		Created Date:		1/27/2014 4:56:19 PM		
Financing Source	General Fund	Sewer Fund				Total
Project Management	\$25,000	\$100,000				\$125,000
Design						\$0
Construction Management						\$0

Construction		\$94,926				\$94,926
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Additional Water Sampling & Analysis		\$6,504				\$6,504
Water Quality Monitoring & Implementation Plan		\$282,559				\$282,559
Sub-Total:	\$25,000	\$483,989	\$0	\$0	\$0	\$508,989

Revision 4 Amount: \$25,274

Financing Source	Sewer Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$25,274					\$25,274
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$25,274	\$0	\$0	\$0	\$0	\$25,274

**Revision 3
Project Cost after Revision 3: \$483,715**

Created By: REYES, JOYCE I.
Created Date: 8/14/2013 10:41:47 AM

Financing Source	General Fund	Sewer Fund				Total
Project Management	\$25,000	\$100,000				\$125,000
Design						\$0
Construction Management						\$0
Construction		\$69,652				\$69,652
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Additional Water Sampling & Analysis		\$6,504				\$6,504
Water Quality Monitoring & Implementation Plan		\$282,559				\$282,559
Sub-Total:	\$25,000	\$458,715	\$0	\$0	\$0	\$483,715

Revision 3 Amount: \$69,652

Financing Source	Sewer Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$69,652					\$69,652
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$69,652	\$0	\$0	\$0	\$0	\$69,652

**Revision 2
Project Cost after Revision 2: \$414,063**

Created By: DETTLE, JOHN C.
Created Date: 11/20/2012 3:11:39 PM

Financing Source	General Fund	Sewer Fund				Total
Project Management	\$25,000	\$100,000				\$125,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Additional Water Sampling & Analysis		\$6,504				\$6,504
Water Quality Monitoring & Implementation Plan		\$282,559				\$282,559
Sub-Total:	\$25,000	\$389,063	\$0	\$0	\$0	\$414,063

Revision 2 Amount: \$25,000

Financing Source	General Fund					Total
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Project Management	\$25,000					\$25,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$25,000	\$0	\$0	\$0	\$0	\$25,000

Revision 1
Project Cost after Revision 1: \$389,063

Created By: REYES, JOYCE I.
Created Date: 9/17/2012 3:54:08 PM

Financing Source	Sewer Fund					Total
Project Management	\$100,000					\$100,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Additional Water Sampling & Analysis	\$6,504					\$6,504
Water Quality Monitoring & Implementation Plan	\$282,559					\$282,559
Inspection						\$0
Sub-Total:	\$389,063	\$0	\$0	\$0	\$0	\$389,063

Revision 1 Amount: \$25,000

Financing Source	Sewer Fund					Total
Project Management	\$25,000					\$25,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$25,000	\$0	\$0	\$0	\$0	\$25,000

Original Budget
Amount: \$364,063

Created By: DETTLE, JOHN C.
Created Date: 3/15/2011 4:23:02 PM

Financing Source	Sewer Fund					Total
Project Management	\$75,000					\$75,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Water Quality Monitoring & Implementation Plan	\$282,559					\$282,559
Additional Water Sampling & Analysis	\$6,504					\$6,504
Sub-Total:	\$364,063	\$0	\$0	\$0	\$0	\$364,063

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.		Created Date: 12/8/2015 12:43:09 PM	
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality Monitoring & Implementation Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2011-12	2012-13	2013-14	2014-15	2015-16
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality Monitoring & Implementation Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Revision 1

Description	2017-18				
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality Monitoring & Implementation Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline		Created By: DETTLE, JOHN C.		Created Date: 3/15/2011 4:23:02 PM	
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality Monitoring & Implementation Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 6		Created By: BILEZERIAN, CRAIG S.	
Project Cost after Revision 6: \$903,683		Created Date: 12/8/2015 12:43:23 PM	
Financing Source	2021-22		Total
To Be Determined			\$0
Sub-Total:	\$0	\$0	\$0
Financing Source	2016-17	2017-18	2018-19
Sewer Fund			
General Fund			
To Be Determined		\$200,000	
Sub-Total:	\$0	\$200,000	\$0
Financing Source	2011-12	2012-13	2013-14
Sewer Fund	\$364,063	\$25,000	\$94,926
General Fund		\$25,000	
Sub-Total:	\$364,063	\$50,000	\$94,926
			2014-15
			\$194,694
			2015-16
			\$0
			Total
			\$678,683
			\$25,000
			\$703,683
Revision 6 Amount: \$200,000			
Financing Source	Council Approved Date/Time	2017-18	2018-19
To Be Determined		\$200,000	
Sub-Total:		\$200,000	\$0
			2019-20
			\$0
			2020-21
			\$0
			2021-22
			\$0
			Total
			\$200,000
			\$200,000
Revision 6			
Project Cost after Revision 6: \$703,683		Created By: REYES, JOYCE I.	
		Created Date: 1/14/2015 4:10:15 PM	
Financing Source	2016-17	2017-18	2018-19
Sewer Fund			
General Fund			
Sub-Total:	\$0	\$0	\$0
Financing Source	2011-12	2012-13	2013-14
Sewer Fund	\$364,063	\$25,000	\$94,926
General Fund		\$25,000	
Sub-Total:	\$364,063	\$50,000	\$94,926
			2014-15
			\$194,694
			2015-16
			\$0
			Total
			\$678,683
			\$25,000
			\$703,683
Revision 6 Amount: \$194,694			
Financing Source	Council Approved Date/Time	2014-15	2015-16
Sewer Fund		\$194,694	
Sub-Total:		\$194,694	\$0
			2016-17
			\$0
			2017-18
			\$0
			2018-19
			\$0
			Total
			\$194,694
			\$194,694
Revision 5			
Project Cost after Revision 5: \$508,989		Created By: REYES, JOYCE I.	
		Created Date: 1/27/2014 4:57:23 PM	
Financing Source	2016-17	2017-18	2018-19
Sewer Fund			
General Fund			
Sub-Total:	\$0	\$0	\$0
Financing Source	2011-12	2012-13	2013-14
Sewer Fund	\$364,063	\$25,000	\$94,926
General Fund		\$25,000	
Sub-Total:	\$364,063	\$50,000	\$94,926
			2014-15
			\$0
			2015-16
			\$0
			Total
			\$483,989
			\$25,000
			\$508,989
Revision 5 Amount: \$25,274			
Financing Source	Council Approved Date/Time	2013-14	2014-15
Sewer Fund	12/17/2013 8:	\$25,274	
Sub-Total:		\$25,274	\$0
			2015-16
			\$0
			2016-17
			\$0
			2017-18
			\$0
			Total
			\$25,274
			\$25,274
Revision 4			
Project Cost after Revision 4: \$483,715		Created By: REYES, JOYCE I.	
		Created Date: 8/11/2013 10:38:52 AM	

Financing Source	2016-17	2017-18				Total
Sewer Fund						\$0
General Fund						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Sewer Fund	\$364,063	\$25,000	\$69,652			\$458,715
General Fund		\$25,000				\$25,000
Sub-Total:	\$364,063	\$50,000	\$69,652	\$0	\$0	\$483,715

Revision 4 Amount: \$69,652

Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Sewer Fund	08/13/2013 8I	\$69,652					\$69,652
Sub-Total:		\$69,652	\$0	\$0	\$0	\$0	\$69,652

**Revision 3
Project Cost after Revision 3: \$414,063**

Created By: DETTLE, JOHN C.
Created Date: 11/20/2012 3:14:04 PM

Financing Source	2016-17					Total
Sewer Fund						\$0
General Fund						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Sewer Fund	\$364,063	\$25,000				\$389,063
General Fund		\$25,000				\$25,000
Sub-Total:	\$364,063	\$50,000	\$0	\$0	\$0	\$414,063

Revision 3 Amount: \$25,000

Financing Source	Council Approved Date/Time	2012-13	2013-14	2014-15	2015-16	2016-17	Total
General Fund	12/18/2012 12A	\$25,000					\$25,000
Sub-Total:		\$25,000	\$0	\$0	\$0	\$0	\$25,000

**Revision 2
Project Cost after Revision 2: \$389,063**

Created By: REYES, JOYCE I.
Created Date: 9/17/2012 3:51:02 PM

Financing Source	2016-17					Total
Sewer Fund						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Sewer Fund	\$364,063	\$25,000				\$389,063
Sub-Total:	\$364,063	\$25,000	\$0	\$0	\$0	\$389,063

Revision 2 Amount: \$25,000

Financing Source	Council Approved Date/Time	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Sewer Fund	05/15/2012 12B	\$25,000					\$25,000
Sub-Total:		\$25,000	\$0	\$0	\$0	\$0	\$25,000

**Original Budget
Amount: \$364,063**

Created By: DETTLE, JOHN C.
Created Date: 3/15/2011 4:23:02 PM

Financing Source	Council Approved Date/Time	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Sewer Fund	09/27/2011 8H	\$364,063					\$364,063
Sub-Total:		\$364,063	\$0	\$0	\$0	\$0	\$364,063

Financing Source Options

Original Budget Total Amount: \$400,000		Total Percentage: 102%	Created By: BILEZERIAN, CRAIG S. Created Date: 12/8/2015 12:43:34 PM									
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>DIF-Sewer Impact Fee Project</td> <td>51%</td> <td>\$200,000</td> </tr> <tr> <td>Sewer Fund</td> <td>51%</td> <td>\$200,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	DIF-Sewer Impact Fee Project	51%	\$200,000	Sewer Fund	51%	\$200,000		
Financing Source	Percent	Amount										
DIF-Sewer Impact Fee Project	51%	\$200,000										
Sewer Fund	51%	\$200,000										
Revision 5 Project Cost after Revision 5: \$194,694			Created By: REYES, JOYCE I. Created Date: 1/14/2015 4:10:25 PM									
Revision 5 Amount: \$194,694												
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$194,694</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$194,694					
Financing Source	Percent	Amount										
Sewer Fund	100%	\$194,694										
Revision 4 Project Cost after Revision 4: \$25,274			Created By: REYES, JOYCE I. Created Date: 1/27/2014 4:57:32 PM									
Revision 4 Amount: \$25,274												
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$25,274</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$25,274					
Financing Source	Percent	Amount										
Sewer Fund	100%	\$25,274										
Revision 3 Project Cost after Revision 3: \$69,652			Created By: REYES, JOYCE I. Created Date: 8/14/2013 10:41:58 AM									
Revision 3 Amount: \$69,652												
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$69,652</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$69,652					
Financing Source	Percent	Amount										
Sewer Fund	100%	\$69,652										
Revision 2 Project Cost after Revision 2: \$25,000			Created By: DETTLE, JOHN C. Created Date: 11/20/2012 3:15:34 PM									
Revision 2 Amount: \$25,000												
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>General Fund</td> <td>100%</td> <td>\$25,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	General Fund	100%	\$25,000					
Financing Source	Percent	Amount										
General Fund	100%	\$25,000										
Revision 1 Project Cost after Revision 1: \$25,000			Created By: REYES, JOYCE I. Created Date: 9/17/2012 3:51:28 PM									
Revision 1 Amount: \$25,000												
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$25,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$25,000					
Financing Source	Percent	Amount										
Sewer Fund	100%	\$25,000										
Original Budget Amount: \$364,063			Created By: DETTLE, JOHN C. Created Date: 3/15/2011 4:23:02 PM									
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Sewer Fund</td> <td>100%</td> <td>\$364,063</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Sewer Fund	100%	\$364,063					
Financing Source	Percent	Amount										
Sewer Fund	100%	\$364,063										

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$903,683

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$200,000
General Fund	\$25,000	\$25,000
Sewer Fund	\$678,683	\$678,683
Grand Total:	\$703,683	\$903,683

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$903,683

Financing Source	2021-22					Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Sewer Fund						\$0
General Fund						\$0
To Be Determined		\$200,000				\$200,000
Sub-Total:	\$0	\$200,000	\$0	\$0	\$0	\$200,000

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Sewer Fund	\$364,063	\$25,000	\$94,926	\$194,694		\$678,683
General Fund		\$25,000				\$25,000
Sub-Total:	\$364,063	\$50,000	\$94,926	\$194,694	\$0	\$703,683

Net Changes

Amount: \$539,620

Financing Source	2017-18	2018-19	2019-20	2020-21	2021-22	Total
Sewer Fund						\$0
To Be Determined	\$200,000					\$200,000
Sub-Total:	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Sewer Fund	\$25,000	\$94,926	\$194,694			\$314,620
General Fund	\$25,000					\$25,000
Sub-Total:	\$50,000	\$94,926	\$194,694	\$0	\$0	\$339,620

Original Budget
Amount: \$364,063

Created By: DETTLE, JOHN C.
Created Date: 3/15/2011 4:23:02 PM

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Sewer Fund	\$364,063					\$364,063
Sub-Total:	\$364,063	\$0	\$0	\$0	\$0	\$364,063

Quarterly Updates

Month Year

Staff has requested a Scope of Work from Northgate Environmental Management that combines the Machado Lake TMDL monitoring with the Basin monitoring so one RFP can be issued. The Machado Lake BMP Implementation Plan was revised per Board staff comments to be upgraded to the Machado Lake EWMP. The Machado Lake EWMP was resubmitted on time and the City is waiting for final approval by the Board. A grant application has been submitted for design of A3 Airport Basin. The Cities of Palos Verdes Estates, Rancho Palos Verdes, Rolling Hills Estates and the County have requested that A3 Airport Basin be expanded to include stormwater from their watersheds and have agreed to provide a pro-rated share of the required matching funds.

Month Year

The Northgate Environmental Management contract for Machado Lake TMDL monitoring was extended a year because of sufficient remaining funds due to several years of drought.

Month Year

The Beach Cities Group has completed the CIMP and prepared the RFP to be issued in October 2015. A draft MOU has been prepared. Funding has been allocated for monitoring costs in the Sewer Operation budget. Monitoring for Machado Lake will stay separate from the Dominguez Channel and Santa Monica Bay CIMP.

Month Year

Staff is working with the Beach Cities to develop MOU for Coordinated Integrated Monitoring Plan for Dominguez Channel and Santa Monica Bay watersheds. Monitoring for Machado Lake may piggyback onto that process, or staff will need to issue a RFP next quarter.

Month Year

The City Council approved addendums to the Northgate Environmental Management for an additional \$165,064 for one more year of monitoring and with Carollo Engineers for an additional \$29,630 to complete the Machado Lake BMP Implementation Plan. Staff has submitted the Machado Lake BMP Implementation Plan to the Regional Board for comment.

Month Year

The agenda item for addendums for Machado Lake Nutrient and Toxics BMP Implementation and monitoring were delayed and are now scheduled for approval on January 13, 2015.

Month Year

The Machado Lake Nutrients and Toxics BMP Implementation Plan has been reviewed and is ready to be submitted to Council for approval to submit to Regional Board for review. Consultant has provided a proposal to incorporate the Toxics TMDL Reasonable Assurance Analysis into the report and provide funds to address any Board comments. That proposal is for \$29,630. The consultant doing Machado Lake Nutrient and Toxics TMDL monitoring has provided a proposal to continue those services for one more year at current rates and additional monitoring of County discharges from Waleria Lake. That proposal is for \$165,064. An additional \$45,000 will be requested for Project Management for an increase from existing budget of \$508,989 to \$748,683.

Month Year

The Machado Lake Nutrients and Toxics TMDL BMP Implementation Plan has been received by staff and is pending final review before preparing an agenda item for Council to approve plan for submittal to Regional Board. Machado Lake Water Quality Monitoring contract to expire October 2014. A budget will need to be appropriated for I-110 of about \$125,000 a year.

Month Year

The final Machado Lake Nutrient and Toxics TMDL Implementation Plan is due to be submitted next quarter and then submitted to the Regional Board.

Month Year

The amendment for additional monitoring for Machado Lake Toxics TMDL was approved. The final Machado Lake Nutrient and Toxics TMDL Implementation Plan is due to be submitted next quarter and then submitted to the Regional Board.

Month Year

An Amendment to the contract with Carollo Engineers was approved by Council on August 13, 2013 and the project budget was increased by \$69,652. A draft Machado Lake Nutrient and Toxics TMDL Implementation Plan has now been submitted for review. The Regional Board has approved the Machado Lake Nutrient and Toxics TMDL Monitoring Plan and agreed that pollutant loads from Rolling Hills Estates and Waleria Lake could be deducted from allowable limits from Torrance. To quantify the pollutant loads from Waleria Lake requires an automated sampler to be installed and

collected from available limits from reference. To quantify the pollutant loads from Machado Lake requires an automated sampler to be installed and additional monitoring because discharges from the lake do not coincide with rain events, when normal sampling occurs. The consultant has provided a quote of \$54,000 to do this additional monitoring for the third year of their three year contract. An amendment to their contract will need to be approved next quarter.

Month Year

City has also submitted an Integrated Machado Lake Nutrient and Toxics Monitoring Plan, currently we only monitor for nutrients. Once this plan is approved by the Regional Board, staff will propose an amendment to the existing monitoring contract. Consultant preparing the Machado Lake TMDL BMP Plan and City and consultant met to review proposed projects. Consultant was directed to re-evaluate selected projects to NOT cover 100% of drainage area and to omit proposed pump stations. Consultant to prepare request for Addendum to re-evaluate selected projects and to provide geotechnical data to confirm infiltration rates at airport.

Month Year

City has also submitted an Integrated Machado Lake Nutrient and Toxics Monitoring Plan, currently we only monitor for nutrients. Once this plan is approved by the Regional Board, staff will propose an amendment to the existing monitoring contract. Consultant preparing the Machado Lake TMDL BMP Plan and City and consultant met with Regional Board staff to review proposed projects.

Month Year

The contract for the Machado Lake Nutrient and Toxics TMDL BMP Implementation Plan was awarded on December 18, 2012, and additional funding provided. This plan is due September 2013. City has also submitted an Integrated Machado Lake Nutrient and Toxics Monitoring Plan, currently we only monitor for nutrients. Once this plan is approved by the Regional Board, staff will propose an amendment to the existing monitoring contract.

Month Year

The City has received the proposal for a Machado Lake Nutrient and Toxics BMP Implementation Plan. The City has requested this plan to provide 30% design level plans and cost estimates to provide the back up needed to apply for grants. The proposal cost is \$76,000. Staff will take this item to Council in October 2012 for approval and additional funding. City has also submitted an Integrated Machado Lake Nutrient and Toxics Monitoring Plan, currently we only monitor for nutrients. Once this plan is approved by the Regional Board, staff will propose an amendment to the existing monitoring contract.

Month Year

First report on water quality data has been submitted. BMP Implementation Plan is now due to Board and staff has requested proposals. Contract and appropriations for BMP Implementation Plan to go to Council next quarter. Estimated cost is \$50,000.

Month Year

The first year of Monitoring is underway. First report on water quality data verses TMDL requirements due next quarter.

Month Year

Northgate Environmental Mangement, Inc. has now obtained permits to access Los Angeles Flood Control District manholes and are ready to start monitoring.

Month Year

City Council approved the budget and awarded the monitoring contract for Machado Lake Nutrients TMDL to Northgate Environmental Management, Inc. on September 27, 2011. Waiting on receipt of signed contract to start monitoring services.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	\$703,683.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$703,683.00
Actual	\$662,434.62
Encumbrances	\$39,234.43
Unposted Transaction	\$0.00
Available Budget	\$2,013.95

Revenue

Life To Date Budget - Posted	\$703,683.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$703,683.00
Actual	\$703,683.00
Unposted Transaction	\$0.00
Available Budget	\$0.00

Request #: 2016-00159
I 126

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Zamperini Airport
Project Title	Airport Pavement Maintenance Program
Submitting Department	Public Works - Project Design and Admin
Prepared By	OVERSTREET, ELIZABETH F.
Preparer's Email	eoverstreet@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	OVERSTREET, ELIZABETH F.
Project Leader's Email	eoverstreet@torranceca.gov
Project Start Date	01/10/2012
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$500,000

Slurry seal area surrounding the eastern hangars (approximately 450,000 sq. ft.) and reconstruct portions of the airport runway identified for pavement rehabilitation.

Justification

Although past pavement repairs have been of good quality, they have been done on a sporadic, reactive basis. This annual pavement maintenance program will establish a more defined maintenance schedule to improve and extend the pavement quality. Notably: By slurry sealing the area around the eastern hangars, it will extend the life of that pavement and provide the necessary routine maintenance. For the runway areas to be reconstruction, it will provide for smoother landings and take offs.

Impact of Non-Approval

Higher Maintenance costs; increased delays due to maintenance; higher rehabilitation cost at future date

Other Alternatives Considered

n/a

Department Priority	1	Medium
Recommendation		Recommendation Last Changed
		Operator
		Date/Time
Initial Funding		
Council or City Manager Approval Date	01/10/2012	
Council or City Manager Approval Item	12A	
Council or City Manager Approval Amount	\$1,117,440	

Cost Activity By Fiscal Year

Revision 1		Created By: BILEZERIAN, CRAIG S.				
Project Cost after Revision 1: \$1,617,440		Created Date: 12/8/2015 1:26:21 PM				
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management	\$15,000		\$5,000		\$5,000	\$25,000
Design	\$70,000		\$10,000		\$10,000	\$90,000
Construction Management	\$15,000		\$5,000		\$5,000	\$25,000
Construction	\$200,000		\$80,000		\$80,000	\$360,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$300,000	\$0	\$100,000	\$0	\$100,000	\$500,000
	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management	\$78,220					\$78,220
Design	\$111,750					\$111,750
Construction Management		\$78,220				\$78,220
Construction		\$737,500				\$737,500
Environmental Assessment						\$0
Right-of-way						\$0
Inspection		\$111,750				\$111,750
Sub-Total:	\$189,970	\$927,470	\$0	\$0	\$0	\$1,117,440
Revision 1 Amount: \$500,000						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management	\$15,000		\$5,000		\$5,000	\$25,000
Design	\$70,000		\$10,000		\$10,000	\$90,000
Construction Management	\$15,000		\$5,000		\$5,000	\$25,000
Construction	\$200,000		\$80,000		\$80,000	\$360,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$300,000	\$0	\$100,000	\$0	\$100,000	\$500,000
Original Budget Amount: \$1,117,440						
	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management	\$78,220					\$78,220
Design	\$111,750					\$111,750
Construction Management		\$78,220				\$78,220
Construction		\$737,500				\$737,500
Environmental Assessment						\$0
Right-of-way						\$0
Inspection		\$111,750				\$111,750
Sub-Total:	\$189,970	\$927,470	\$0	\$0	\$0	\$1,117,440

Cost Activity By Financing Source

Revision 1		Created By: BILEZERIAN, CRAIG S.	
Project Cost after Revision 1: \$1,617,440		Created Date: 12/8/2015 1:29:02 PM	
Financing Source	Airport Fund	To Be Determined	Total
Project Management	\$78,220	\$25,000	\$103,220
Design	\$111,750	\$90,000	\$201,750
Construction Management	\$78,220	\$25,000	\$103,220
Construction	\$737,500	\$360,000	\$1,097,500
Environmental Assessment			\$0
Right-of-way			\$0
Inspection	\$111,750		\$111,750
Sub-Total:	\$1,117,440	\$500,000	\$1,617,440

Revision 1 Amount: \$500,000

Financing Source	To Be Determined	Total
Project Management	\$25,000	\$25,000
Design	\$90,000	\$90,000
Construction Management	\$25,000	\$25,000
Construction	\$360,000	\$360,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$500,000	\$500,000

Original Budget Amount: \$1,117,440

Created By: OVERSTREET, ELIZABETH F.
Created Date: 9/6/2011 11:00:03 AM

Financing Source	Airport Fund	Total
Project Management	\$78,220	\$78,220
Design	\$111,750	\$111,750
Construction Management	\$78,220	\$78,220
Construction	\$737,500	\$737,500
Environmental Assessment		\$0
Right-of-way		\$0
Inspection	\$111,750	\$111,750
Sub-Total:	\$1,117,440	\$1,117,440

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.		Created Date: 12/8/2015 1:29:49 PM	
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2011-12	2012-13	2013-14	2014-15	2015-16
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Revision 1		Created By: OVERSTREET, ELIZABETH F.		Created Date: 9/6/2011 11:00:03 AM	
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline		Created By: OVERSTREET, ELIZABETH F.		Created Date: 9/6/2011 11:00:03 AM	
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 1: \$1,617,440		Created Date: 12/8/2015 1:30:16 PM					
Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
To Be Determined	\$300,000		\$100,000		\$100,000	\$500,000	
Sub-Total:	\$300,000	\$0	\$100,000	\$0	\$100,000	\$500,000	
Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total	
Airport Fund	\$189,970	\$927,470				\$1,117,440	
Sub-Total:	\$189,970	\$927,470	\$0	\$0	\$0	\$1,117,440	
Revision 1 Amount: \$500,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$300,000		\$100,000		\$100,000	\$500,000
Sub-Total:		\$300,000	\$0	\$100,000	\$0	\$100,000	\$500,000
Original Budget		Created By: OVERSTREET, ELIZABETH F.					
Amount: \$1,117,440		Created Date: 9/6/2011 11:00:03 AM					
Financing Source	Council Approved Date/Time	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Airport Fund	01/10/2012 12A	\$189,970	\$927,470				\$1,117,440
Sub-Total:		\$189,970	\$927,470	\$0	\$0	\$0	\$1,117,440

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$500,000		Created Date: 12/8/2015 1:30:49 PM	
		Total Percentage: 100%	
Financing Source	Percent	Amount	
Airport Fund	100%	\$500,000	
Original Budget		Created By: OVERSTREET, ELIZABETH F.	
Amount: \$1,117,440		Created Date: 9/6/2011 11:21:55 AM	
Financing Source	Percent	Amount	
Airport Fund	100%	\$1,117,440	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)
 Total Project Cost: \$1,617,440

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$500,000
Airport Fund	\$1,117,440	\$1,117,440
Grand Total:	\$1,117,440	\$1,617,440

By Sources/By Fiscal Year (Excluding Ongoing cost)
 Total Project Cost: \$1,617,440

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$300,000		\$100,000		\$100,000	\$500,000
Sub-Total:	\$300,000	\$0	\$100,000	\$0	\$100,000	\$500,000

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Airport Fund	\$189,970	\$927,470				\$1,117,440
Sub-Total:	\$189,970	\$927,470	\$0	\$0	\$0	\$1,117,440

Net Changes
 Amount: \$500,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$300,000		\$100,000		\$100,000	\$500,000
Sub-Total:	\$300,000	\$0	\$100,000	\$0	\$100,000	\$500,000

Original Budget
 Amount: \$1,117,440

Created By: OVERSTREET, ELIZABETH F.
 Created Date: 9/6/2011 11:00:03 AM

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Airport Fund	\$189,970	\$927,470				\$1,117,440
Sub-Total:	\$189,970	\$927,470	\$0	\$0	\$0	\$1,117,440

Quarterly Updates

Month Year

Pavement rehab method determined. Plans and specs being prepared. Construction Summer 2016.

Month Year

Taxiways were slurry sealed in November 2015. A pavement investigation was performed during the quarter for the small runway indicating significant required rehabilitation. Staff is considering rehabilitation alternatives.

Month Year

Design is in progress for the pavement repairs to the small runway and striping upgrades to the large runway. Design should be completed by March 2016. Taxiways will be slurry sealed in October 2015 in conjunction with the Residential Slurry Seal project, I 159

Month Year

A purchase order was approved to perform borings of the pavement and for engineering specifications and recommendations to be made for the pavement repairs on the runway.

Month Year

On March 24, 2015, Council approved an amendment to the design contract for the airport to expand the scope of services and amount of the contract to include the design for the 11R/29L runway striping and adjacent taxiway details.

Month Year

Due to a shift in priority workload, this project has been shifted to begin design in January 2016.

Month Year

Due to a shift in workload, the design is anticipated to begin January 2015.

Month Year

Due to a shift in workload, the design is anticipated to begin January 2015.

Month Year

Due to a shift in workload, the design is anticipated to begin next quarter.

Month Year

The design is anticipated to begin in January 2014

Month Year

The design is anticipated to begin in January 2014

Month Year

The design is anticipated to begin January 2014

Month Year

The design for this project is anticipated to begin January 2014.

Month Year

Due to staff allocation, the design for this project is now anticipated to begin January 2014.

Month Year

Staff anticipates design to begin in November 2012

Month Year

Staff anticipates design to begin in November 2012

Month Year

On January 10, 2012 Council approved the project. Additional funding is anticipated to be scheduled in Fiscal Year 2012/13. Staff anticipates design to begin in November 2012.

Month Year

No Update Submitted

Budget vs. Expenses

Last Payroll Update

Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$1,117,440.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$1,117,440.00</u>
Actual	<u>\$195,991.00</u>
Encumbrances	<u>\$5,000.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$916,449.00</u>

Revenue

Life To Date Budget - Posted	<u>\$1,117,440.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$1,117,440.00</u>
Actual	<u>\$1,117,440.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Request #: 2016-00160
I 153

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Various Locations
Project Title	Miscellaneous Water Main Replacements for Developer and Street Rehab Projects
Submitting Department	Public Works - Water
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	11/19/2013
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$2,250,000

This Project is to fund the water main replacements associated with developer or street rehabilitation projects. It is the City's policy to replace cast iron water mains and/or water mains identified in the 2002 Water System Master Plan in conjunction with projects that pave roads. Water main breaks that occur after a paving project could undermine the City's investment in the new pavement. Water main breaks have undermined new pavement projects in the past where the mains were not replaced.

Justification

Water main replacements of cast iron pipes and as identified in the 2002 Water System Master Plan

Impact of Non-Approval

Additional expense to replace pavement damaged by water main breaks. Additional administration costs to budget separate projects.

Other Alternatives Considered

Projects can be funded on an as needed basis.

Department Priority	1	High
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time

Initial Funding	
Council or City Manager Approval Date	11/19/2013
Council or City Manager Approval Item	12A
Council or City Manager Approval Amount	\$3,750,000

Cost Activity By Fiscal Year

Revision 1		Created By:		BILEZERIAN, CRAIG S.		
Project Cost after Revision 1: \$6,000,000		Created Date:		12/8/2015 1:34:41 PM		
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$50,000	\$50,000	\$50,000			\$150,000
Design	\$50,000	\$50,000	\$50,000			\$150,000
Construction Management	\$50,000	\$50,000	\$50,000			\$150,000
Construction	\$600,000	\$600,000	\$600,000			\$1,800,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Design	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Construction Management	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Construction	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Revision 1 Amount: \$2,250,000

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$50,000	\$50,000	\$50,000			\$150,000
Design	\$50,000	\$50,000	\$50,000			\$150,000
Construction Management	\$50,000	\$50,000	\$50,000			\$150,000
Construction	\$600,000	\$600,000	\$600,000			\$1,800,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

Original Budget

Amount: \$3,750,000

Created By: DETTLE, JOHN C.
Created Date: 8/19/2013 11:45:20 AM

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Design	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Construction Management	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Construction	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Cost Activity By Financing Source

Revision 1		Created By: BILEZERIAN, CRAIG S.	
Project Cost after Revision 1: \$6,000,000		Created Date: 12/8/2015 1:35:32 PM	
Financing Source	To Be Determined	Water Fund	Total
Project Management	\$150,000	\$250,000	\$400,000
Design	\$150,000	\$250,000	\$400,000
Construction Management	\$150,000	\$250,000	\$400,000
Construction	\$1,800,000	\$3,000,000	\$4,800,000
Environmental Assessment			\$0
Right-of-way			\$0
Inspection			\$0
Sub-Total:	\$2,250,000	\$3,750,000	\$6,000,000

Revision 1 Amount: \$2,250,000

Financing Source	To Be Determined	Total
Project Management	\$150,000	\$150,000
Design	\$150,000	\$150,000
Construction Management	\$150,000	\$150,000
Construction	\$1,800,000	\$1,800,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$2,250,000	\$2,250,000

Original Budget
Amount: \$3,750,000

Created By: DETTLE, JOHN C.
Created Date: 8/19/2013 11:45:20 AM

Financing Source	Water Fund	Total
Project Management	\$250,000	\$250,000
Design	\$250,000	\$250,000
Construction Management	\$250,000	\$250,000
Construction	\$3,000,000	\$3,000,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$3,750,000	\$3,750,000

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.		Created Date: 12/8/2015 1:36:07 PM	
Description	2018-19	2019-20	2020-21	2021-22	2022-23
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input checked="" type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				

Revision 1					
Description	2018-19	2019-20	2020-21		
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline		Created By: DETTLE, JOHN C.		Created Date: 8/19/2013 11:45:20 AM	
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>				
Design	<input checked="" type="checkbox"/>				
Construction Management	<input checked="" type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				

Financing Source - Details

Revision 1		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 1: \$6,000,000		Created Date: 12/8/2015 1:36:24 PM					
Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
To Be Determined	\$750,000	\$750,000	\$750,000			\$2,250,000	
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000	
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
Water Fund	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000	
Sub-Total:	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000	
Revision 1 Amount: \$2,250,000							
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$750,000	\$750,000	\$750,000			\$2,250,000
Sub-Total:		\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000
Original Budget		Created By: DETTLE, JOHN C.					
Amount: \$3,750,000		Created Date: 8/19/2013 11:45:20 AM					
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund	11/19/2013 12A	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Sub-Total:		\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$2,250,000	Total Percentage: 100%	Created Date: 12/8/2015 1:36:39 PM	
Financing Source	Percent	Amount	
Water Fund	100%	\$2,250,000	
Original Budget		Created By: DETTLE, JOHN C.	
Amount: \$3,750,000		Created Date: 8/19/2013 11:52:58 AM	
Financing Source	Percent	Amount	
Water Fund	100%	\$3,750,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)
 Total Project Cost: \$6,000,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$2,250,000
Water Fund	\$2,250,000	\$3,750,000
Grand Total:	\$2,250,000	\$6,000,000

By Sources/By Fiscal Year (Excluding Ongoing cost)
 Total Project Cost: \$6,000,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$750,000	\$750,000	\$750,000			\$2,250,000
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Sub-Total:	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Net Changes
 Amount: \$2,250,000

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined	\$750,000	\$750,000	\$750,000			\$2,250,000
Sub-Total:	\$750,000	\$750,000	\$750,000	\$0	\$0	\$2,250,000

Original Budget
 Amount: \$3,750,000

Created By: DETTLE, JOHN C.
 Created Date: 8/19/2013 11:45:20 AM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Sub-Total:	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Quarterly Updates

Month	March	Year	2016
Wilson Mendoza has been assigned as Project Engineer for the Crenshaw Blvd. and Hawthorne Blvd. water main replacements. The hydraulic model report was received and provided to the Consultant to finalize the plans. The Consultant is processing Pothole Plans currently to obtain utility information to complete the design.			
Month	December	Year	2015
An amendment was processed for design of water mains in the neighborhood south of Sepulveda Blvd. and east of Arlington Avenue. A water model run was requested by Water Operations to resolve if and how many water main crossing would be required at Sepulveda Blvd. and Hawthorne Blvd. Hawthorne Blvd. water main design is on hold pending this report. The Project Engineer for this project took a new job and a new Project Engineer has just been assigned to manage this project. The 50% plans have now been provided for the residential neighborhood and staff will meet with Water Operations staff to review those plans and provide plan check comments in January 2016.			
Month	September	Year	2015
Design for the Hawthorne Blvd./Crenshaw Blvd. water main replacement project is 50% complete. Water Operations staff is proceeding with installation of the Crenshaw Blvd. water main replacement now due to water main breaks. Water Operations staff has also requested the replacement of residential water mains in the neighborhood south of Sepulveda Blvd. and east of Arlington Avenue due to low fire flow. An amendment for these additional water mains is scheduled for approval October 13, 2015.			
Month	June	Year	2015
Design is progressing on the Hawthorne Blvd./Crenshaw Blvd. water replacement project. Staff should receive the 50% submittal next quarter.			
Month	March	Year	2015
Proposals were received for the Hawthorne Blvd./Crenshaw Blvd. water main replacements. The proposals were evaluated and an agenda item is prepared for April 21, 2015 to award a contract to CivilSource for a not to exceed amount of \$162,995. This contract also includes design to replace the water main in parking lot on southeast corner of Hawthorne Blvd. and Skypark. This project will likely be bid with the Artesia Blvd. Alley Project in FY 2015-16.			
Month	December	Year	2014
Projects were identified to replace water mains in Hawthorne Blvd., between PCH and Skypark Blvd. and Crenshaw Blvd. between 182nd St. and Artesia Blvd. A Scope of Work and Request for Proposals were prepared and proposals are due January 26th. The new projects will impact if Artesia Blvd. Alley Project is paid from I-153 or I-74. Funding for Artesia Blvd. Alley Project will be decided at time of award.			
Month	September	Year	2014
Update same as June 2014. Design is 95% complete.			
Month	June	Year	2014
Staff has identified a project to replace water main in the alley north of Artesia Blvd. between Hawthorne Blvd. and Prairie Ave. Staff had completed the design as part of I-74. Plans need to be sent to the DOHS for approval of clearance between water and sewer main less than 10 feet.			
Month	March	Year	2014
This project was set up to fund miscellaneous water main replacements for developer and street rehab projects. No projects have been identified. Staff to meet to discuss future project needs.			
Month	December	Year	2013
No Update Submitted			

Budget vs. Expenses

Last Payroll Update

Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$2,250,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$2,250,000.00</u>
Actual	<u>\$402,237.79</u>
Encumbrances	<u>\$106,892.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$1,740,870.21</u>

Revenue

Life To Date Budget - Posted	<u>\$2,250,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$2,250,000.00</u>
Actual	<u>\$2,250,000.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Request #: 2016-00161
I 163

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	City Yard and Prairie Avenue
Project Title	Goldsworthy Desalter Expansion
Submitting Department	Public Works - Water
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Water
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	06/17/2014
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$250,000

The Goldsworthy Desalter Expansion project would install new Reverse Osmosis filters in the existing Goldsworthy Desalter to double the treatment capacity from 2.5 mgd to 5.0mgd, construct groundwater wells at Delthorne Park and City Police Station, and construct raw water transmission main and discharge lines in Prairie Avenue.

This project is set up so that the City of Torrance may apply for State grant funds and thereby reduce the cost of desalted water.

Justification

Groundwater under this portion of Torrance is contaminated with saline water from over pumping of the groundwater basin. The West Coast Barrier Project was constructed to prevent further salt water intrusion, but left a large plume of saline water trapped under Torrance. Water from the saline plume that is over 1000 ppm of chloride is considered a new water source, apart from the City's adjudicated groundwater rights. This project will increase the City's local water supplies by 2.5 mgd and thereby reduce our imported water supplies.

Impact of Non-Approval

Continue buying 2.5 mgd of imported water. Additional costs to the City for imported water.

Other Alternatives Considered

None.

Department Priority	1	High
Recommendation		Recommendation Last Changed Operator Date/Time
Initial Funding		
Council or City Manager Approval Date		06/17/2014
Council or City Manager Approval Item		8D
Council or City Manager Approval Amount		\$100,000

Cost Activity By Fiscal Year

Revision 1		Created By:		BILEZERIAN, CRAIG S.			
Project Cost after Revision 1: \$350,000		Created Date:		12/8/2015 1:41:24 PM			
	2018-19	2019-20	2020-21				Total
Project Management	\$50,000	\$50,000	\$50,000				\$150,000
Design							\$0
Construction Management							\$0
Construction							\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Sub-Total:	\$50,000	\$50,000	\$50,000	\$0	\$0		\$150,000

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management		\$100,000		\$50,000	\$50,000	\$200,000
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$100,000	\$0	\$50,000	\$50,000	\$200,000

Revision 1 Amount: \$250,000		Created By:		DETTLE, JOHN C.			
		Created Date:		6/25/2014 7:33:08 AM			
	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
Project Management	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	
Design						\$0	
Construction Management						\$0	
Construction						\$0	
Environmental Assessment						\$0	
Right-of-way						\$0	
Inspection						\$0	
Sub-Total:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	

Original Budget		Created By:		DETTLE, JOHN C.			
Amount: \$100,000		Created Date:		6/25/2014 7:33:08 AM			
	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
Project Management		\$100,000				\$100,000	
Design						\$0	
Construction Management						\$0	
Construction						\$0	
Environmental Assessment						\$0	
Right-of-way						\$0	
Inspection						\$0	
Sub-Total:	\$0	\$100,000	\$0	\$0	\$0	\$100,000	

Cost Activity By Financing Source

Revision 1		Created By: BILEZERIAN, CRAIG S.	
Project Cost after Revision 1: \$350,000		Created Date: 12/8/2015 1:41:45 PM	
Financing Source	To Be Determined	Water Fund	Total
Project Management	\$250,000	\$100,000	\$350,000
Design			\$0
Construction Management			\$0
Construction			\$0
Environmental Assessment			\$0
Right-of-way			\$0
Inspection			\$0
Sub-Total:	\$250,000	\$100,000	\$350,000

Revision 1 Amount: \$250,000

Financing Source	To Be Determined	Total
Project Management	\$250,000	\$250,000
Design		\$0
Construction Management		\$0
Construction		\$0
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$250,000	\$250,000

Original Budget
Amount: \$100,000

Created By: DETTLE, JOHN C.
Created Date: 6/25/2014 7:33:08 AM

Financing Source	Water Fund	Total
Project Management	\$100,000	\$100,000
Design		\$0
Construction Management		\$0
Construction		\$0
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$100,000	\$100,000

Project Timeline

Timeline after Revision 1		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 12/8/2015 1:42:36 PM			
Description	2018-19	2019-20	2020-21	2021-22	2022-23
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Revision 1

Description	2016-17	2017-18	2018-19	2019-20	2020-21
Project Management	<input checked="" type="checkbox"/>				
Design	<input type="checkbox"/>				
Construction Management	<input type="checkbox"/>				
Construction	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				

Original Timeline

Original Timeline		Created By: DETTLE, JOHN C.			
		Created Date: 6/25/2014 7:33:08 AM			
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 1		Created By: BILEZERIAN, CRAIG S.					
Project Cost after Revision 1: \$350,000		Created Date: 12/8/2015 1:43:00 PM					
Financing Source	2018-19	2019-20	2020-21				Total
To Be Determined							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18		Total
Water Fund	\$100,000						\$100,000
To Be Determined				\$250,000			\$250,000
Sub-Total:	\$100,000	\$0	\$0	\$250,000	\$0		\$350,000
Revision 1 Amount: \$250,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$250,000					\$250,000
Sub-Total:		\$250,000	\$0	\$0	\$0	\$0	\$250,000
Original Budget		Created By: DETTLE, JOHN C.					
Amount: \$100,000		Created Date: 6/25/2014 7:33:08 AM					
Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund	06/17/2014 8D	\$100,000					\$100,000
Sub-Total:		\$100,000	\$0	\$0	\$0	\$0	\$100,000

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$250,000		Created Date: 12/8/2015 1:43:08 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Water Fund	100%	\$250,000	
Original Budget		Created By: REYES, JOYCE I.	
Amount: \$100,000		Created Date: 6/30/2014 8:35:41 AM	
Financing Source	Percent	Amount	
Water Fund	100%	\$100,000	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)
 Total Project Cost: \$350,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$250,000
Water Fund	\$100,000	\$100,000
Grand Total:	\$100,000	\$350,000

By Sources/By Fiscal Year (Excluding Ongoing cost)
 Total Project Cost: \$350,000

Financing Source	2018-19	2019-20	2020-21			Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund	\$100,000					\$100,000
To Be Determined				\$250,000		\$250,000
Sub-Total:	\$100,000	\$0	\$0	\$250,000	\$0	\$350,000

Net Changes
 Amount: \$250,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$250,000					\$250,000
Sub-Total:	\$250,000	\$0	\$0	\$0	\$0	\$250,000

Original Budget
 Amount: \$100,000

Created By: DETTLE, JOHN C.
 Created Date: 6/25/2014 7:33:08 AM

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund	\$100,000					\$100,000
Sub-Total:	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Quarterly Updates

Month Year

Status same as December 2015: Staff is preparing an MOU to provide WRD the grant monies. Project scheduled to go 18 months of construction and grant invoices.

Month Year

Staff is preparing an MOU to provide WRD the grant monies. Project scheduled to go 18 months of construction and grant invoices.

Month Year

The first Prop 84 grant invoice was processed. Staff is still waiting for a draft MOU for the Prop 50 Funding.

Month Year

The Delthorne Park desalter well pilot well was drilled and will be developed in August. WRD staff still working on alternate well location for Police Station desalter well. Prop 84 grant MOU has been approved and a grant kick off meeting is scheduled for July 14th. Staff is waiting for draft MOU for Prop 50 funding.

Month Year

Drilling the pilot well for the Police Station was completed and the well has insufficient production capacity, i.e. it does not produce enough salty water. Staff will work with grant managers for both the IRWMP and the Desalter Grant to revise the grant agreements.

Month Year

Draft agreements for both the IRWMP and the Prop 84 grant were reviewed and comments made. Additional data requests for both agreements were addressed by staff. Staff anticipates processing grant agreements next quarter. WRD has awarded the contracts well development at Delthorne Park and the Police Station and drilling is scheduled to begin January 2015.

Month Year

Plans are being finalized to address 90% complete plan check comments. Well development contract should be awarded in December with that work to start in January 2015.

Month Year

This project is for the City of Torrance to work with WRD to provide additional funding and oversight of the Goldsworthy Desalter Expansion. The City has been selected for a \$3,000,000 Prop 84 grant and is well ranked to receive a \$4,000,000 IRWMP grant. Plans are 90% complete and in for plan check with the City.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	\$100,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$100,000.00
Actual	\$60,760.87
Encumbrances	\$0.00
Unposted Transaction	\$0.00
Available Budget	\$39,239.13

Revenue

Life To Date Budget - Posted	\$100,000.00
Life To Date Budget - Unposted	\$0.00
Total Life To Date Budget	\$100,000.00
Actual	\$100,000.00
Unposted Transaction	\$0.00
Available Budget	\$0.00

Type of Project	Traffic and Transportation
Project Location	Citywide
Project Title	Citywide Traffic Signal Improvements
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	FINTON, STEVEN J.
Project Leader's Email	sfinton@tormet.com
Project Start Date	07/01/2017
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

To provide miscellaneous traffic signal improvements and/or installations otherwise not included with other approved/funded CIP projects. Improvements include: underground conduit installations; radio and/or fiber optic network hardware and equipment; pedestrian countdown displays; addition/replacement of signal indications; energy-efficient illuminated streetname signs; video detection cameras; controllers; intelligent transportation hardware/software; CCTV cameras; signal poles and other equipment to enhance the City's signal network.

Justification

There is a need to improve the traffic signal network and operation (communication; synchronization; monitoring; function; implementation of new technology, etc). Improvements would also reduce delays and air/noise pollution and in some cases may be needed for safety improvements

Component of the Strategic Plan under:

KPI 145 and 149 - Strategic Priority 9. Stewardship of the Environment to Improve Air Quality;
 KPI 168 - Strategic Priority 10. Traffic and Transportation to Maximize the Safe and Efficient Movement of Traffic;
 KPI 180 - Strategic Priority 10. Traffic and Transportation to Proactive Regional Transportation Coordination

Impact of Non-Approval

Potential for non-compatible equipment and an in-efficient network. Increased vehicle delays and air/noise pollution. Higher maintenance costs.

Other Alternatives Considered

Do nothing.

Cost Activity By Fiscal Year

Original Budget Amount: \$1,000,000		Created By: BILEZERIAN, CRAIG S. Created Date: 12/8/2015 5:30:07 PM				
	2017-18	2018-19	2019-20	2020-21	2021-22	Total
Design	\$50,000	\$50,000	\$50,000	\$50,000		\$200,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000		\$40,000
Construction	\$175,000	\$175,000	\$175,000	\$175,000		\$700,000
Inspection	\$15,000	\$15,000	\$15,000	\$15,000		\$60,000
Sub-Total:	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,000,000

Cost Activity By Financing Source

Original Budget Amount: \$1,000,000		Created By: BILEZERIAN, CRAIG S. Created Date: 12/8/2015 5:30:07 PM				
Financing Source	To Be Determined					Total
Design	\$200,000					\$200,000
Construction Management	\$40,000					\$40,000
Construction	\$700,000					\$700,000
Inspection	\$60,000					\$60,000
Sub-Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000

Project Timeline

Original Timeline		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 12/8/2015 5:30:07 PM			
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Department Priority	<input type="text" value="1"/>	<input type="text" value="High"/>
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Financing Source - Details

Original Budget		Created By: BILEZERIAN, CRAIG S.					
Amount: \$1,000,000		Created Date: 12/8/2015 5:30:07 PM					
Financing Source	Council Approved Date/Time	2017-18	2018-19	2019-20	2020-21	2021-22	Total
To Be Determined		\$250,000	\$250,000	\$250,000	\$250,000		\$1,000,000
Sub-Total:		\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,000,000

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$1,000,000		Created Date: 12/8/2015 5:30:07 PM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
Gas Tax	6%	\$62,500	
Measure R Local Return	19%	\$187,500	
Prop C Local Return Fund	75%	\$750,000	

Type of Project	Infrastructure
Project Location	City of Torrance, citywides
Project Title	Sewer System Master Plan
Submitting Department	Public Works - Project Design and Admin
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

The last Sewer System Master Plan was completed in 1992. Since then the City has completed several of the projects in the Master Plan and there have been other large commercial and residential projects constructed that were not anticipated in the 1992 plan, such as the Del Amo Fashion Center and the Del Amo Financial Center. The 1992 Sewer Master Plan is only available as a hard copy and it is very difficult for the City or Developers to analyze the impact of proposed projects. A new Sewer System Master Plan would include a GIS based Sewer System Model that could be used to analyze the impacts of proposed developments on the City's sewer system. New technologies for measuring the depth of sewage during rain events would be used to provide a much more accurate model of the City's sewer system that can also be used to analyze and document potential sanitary sewer overflow locations.

Justification

The last Sewer System Master Plan was prepared in 1992 and is out of date with current and proposed developments. New GIS based sewer system models provide timely and accurate analysis of the impact of proposed developments and improvements required for those developments. New flow monitoring technology will provide much more accurate information on the impact of rain events on the City's sewer system and that information can be used to prevent or correct sanitary sewer overflows.

Impact of Non-Approval

High costs and low accuracy for sewer system analysis for developer projects. Higher number of sanitary sewer overflows.

Other Alternatives Considered

Continue to require developers to prepare costly and less accurate sewer system studies.

Cost Activity By Fiscal Year

Original Budget Amount: \$650,000		Created By: DETTLE, JOHN C. Created Date: 12/9/2015 4:18:39 PM				
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management	\$75,000	\$75,000				\$150,000
Design	\$500,000					\$500,000
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$575,000	\$75,000	\$0	\$0	\$0	\$650,000

Cost Activity By Financing Source

Original Budget Amount: \$650,000		Created By: DETTLE, JOHN C. Created Date: 12/9/2015 4:18:39 PM				
Financing Source	To Be Determined					Total
Project Management	\$150,000					\$150,000
Design	\$500,000					\$500,000
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$650,000	\$0	\$0	\$0	\$0	\$650,000

Project Timeline

Original Timeline		Created By: DETTLE, JOHN C.			
		Created Date: 12/9/2015 4:18:39 PM			
Description	2016-17	2017-18			
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Department Priority	<input type="text" value="1"/>	<input type="text" value="High"/>
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Financing Source - Details

Original Budget		Created By: DETTLE, JOHN C.					
Amount: \$650,000		Created Date: 12/9/2015 4:18:39 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$575,000	\$75,000				\$650,000
Sub-Total:		\$575,000	\$75,000	\$0	\$0	\$0	\$650,000

Financing Source Options

Original Budget		Created By: DETTLE, JOHN C.	
Total Amount: \$650,000	Total Percentage: 100%	Created Date: 12/9/2015 5:03:58 PM	
Financing Source	Percent	Amount	
Sewer Fund	100%	\$650,000	

Type of Project	Traffic and Transportation
Project Location	Citywide
Project Title	Citywide Traffic Analysis
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	FINTON, STEVEN J.
Project Leader's Email	sfinton@tormet.com
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2018

Project Request Status	Proposed
Approved Project Status	

Description

Perform the following citywide on all arterial and collector roadways: traffic volume counts; turning movement counts; speed surveys; and other traffic data collection. The data will result in a report that, in part, determines vehicle delays and needed transportation improvements, as well as provide important information of current traffic data.

Justification

This effort was last completed in 2005. It is desired to repeat this effort to collect data that will help determine needed traffic/transportation improvements. This information can help secure grant funds and identify potential needed right-of-way dedication as part of development projects. We also must obtain the speed surveys to comply with the justification of posted speed limits.

Impact of Non-Approval

Inability to obtain grant funding

Other Alternatives Considered

None.

Cost Activity By Fiscal Year

Original Budget Amount: \$730,000		Created By: BILEZERIAN, CRAIG S. Created Date: 12/9/2015 4:18:18 PM				
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management	\$40,000	\$40,000				\$80,000
Design	\$650,000					\$650,000
Sub-Total:	\$690,000	\$40,000	\$0	\$0	\$0	\$730,000

Cost Activity By Financing Source

Original Budget Amount: \$730,000		Created By: BILEZERIAN, CRAIG S. Created Date: 12/9/2015 4:18:18 PM				
Financing Source	To Be Determined					Total
Project Management	\$80,000					\$80,000
Design	\$650,000					\$650,000
Sub-Total:	\$730,000	\$0	\$0	\$0	\$0	\$730,000

Project Timeline

Original Timeline		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 12/9/2015 4:18:18 PM			
Description	2016-17	2017-18			
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Department Priority	<input type="text" value="1"/>	<input type="text" value="High"/>
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Financing Source - Details

Original Budget		Created By: BILEZERIAN, CRAIG S.					
Amount: \$730,000		Created Date: 12/9/2015 4:18:18 PM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$690,000	\$40,000				\$730,000
Sub-Total:		\$690,000	\$40,000	\$0	\$0	\$0	\$730,000

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$730,000	Total Percentage: 100%	Created Date: 12/9/2015 4:18:18 PM	
Financing Source	Percent	Amount	
Measure R Local Return	30%	\$219,000	
Prop C Local Return Fund	70%	\$511,000	

Type of Project	Infrastructure
Project Location	Area south of Del Amo Blvd & east of Van Ness Ave
Project Title	Storm Drain Channel south of Del Amo Blvd and east of Van Ness Avenue
Submitting Department	Public Works - Project Design and Admin
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	07/01/2018
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description
 Reconstruct 770 linear feet of earthen channel with grouted rip rap or concrete slopes and soft bottom with access road. Existing channel is behind the industrial buildings on south side of Del Amo Blvd. and east of Van Ness Ave., but outside of City's easement. The reconstructed channel would be within the City's easement and provide an access road for maintenance. The reconstructed channel is proposed to have an earthen or gravel bottom for infiltration of dry weather run off for NPDES compliance for the Harbors Toxics TMDL.

Justification
 The current earthen channel is not located in the existing easement. It is inaccessible to maintenance crews and has become a dumping ground for adjacent businesses. The earthen channel slopes are eroding and are undermining the adjacent businesses. This channel drains to the Torrance Lateral which will be monitored for compliance with the Harbors Toxics TMDL. By reconstructing the channel with a gravel or earthen bottom that will infiltrate urban runoff, this project will be a BMP for compliance with the Harbors Toxics TMDL.

Impact of Non-Approval
 Urban run off, trash and debris dumping and soil erosion can result in NPDES Permit violations. Erosion of earthen channel slopes will result in property damage to adjacent businesses.

Other Alternatives Considered
 Reconstruct the channel in existing alignment and obtain new easements. Costs would be comparable to the other alternative, but obtaining a new easement could be difficult and expensive.

Cost Activity By Fiscal Year

Original Budget Amount: \$2,325,000		Created By: DETTLE, JOHN C. Created Date: 12/9/2015 5:11:42 PM				
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management	\$75,000	\$75,000	\$75,000			\$225,000
Design	\$200,000					\$200,000
Construction Management		\$125,000				\$125,000
Construction		\$1,700,000				\$1,700,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection		\$75,000				\$75,000
Sub-Total:	\$275,000	\$1,975,000	\$75,000	\$0	\$0	\$2,325,000

Cost Activity By Financing Source

Original Budget Amount: \$2,325,000		Created By: DETTLE, JOHN C. Created Date: 12/9/2015 5:11:42 PM				
Financing Source	To Be Determined					Total
Project Management	\$225,000					\$225,000
Design	\$200,000					\$200,000
Construction Management	\$125,000					\$125,000
Construction	\$1,700,000					\$1,700,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$75,000					\$75,000
Sub-Total:	\$2,325,000	\$0	\$0	\$0	\$0	\$2,325,000

Project Timeline

Original Timeline		Created By: DETTLE, JOHN C.			
		Created Date: 12/9/2015 5:11:42 PM			
Description	2018-19	2019-20	2020-21		
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Department Priority	<input type="text" value="3"/>	<input type="text" value="High"/>
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Financing Source - Details

Original Budget		Created By: DETTLE, JOHN C.					
Amount: \$2,325,000		Created Date: 12/9/2015 5:11:42 PM					
Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$275,000	\$1,975,000	\$75,000			\$2,325,000
Sub-Total:		\$275,000	\$1,975,000	\$75,000	\$0	\$0	\$2,325,000

Financing Source Options

Original Budget		Created By: DETTLE, JOHN C.	
Total Amount: \$4,650,000		Created Date: 12/10/2015 8:18:18 AM	
		Total Percentage: 200%	
Financing Source	Percent	Amount	
General Fund	100%	\$2,325,000	
DIF-Storm Drain Impact Fee	100%	\$2,325,000	

**Request #: 2016-00167
I 038**

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Crenshaw Blvd/Cravens Ave to Van Ness
Project Title	Downtown Sewer Trunk Line Replacement (Phase II-North)
Submitting Department	Public Works - Project Design and Admin
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	10/06/1998
Estimated Completion Date	06/30/2020

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$1,000,000: In order to construct this project, it is required to relocate a previously designed water main project (I-60). The cost to relocate the water main in order to build the I-38 Downtown Sewer Replacement is estimated at \$1,000,000.

This project will replace or line approximately 1 mile of deteriorated sewer trunk line, running easterly from Crenshaw Boulevard in the alley north of Torrance Boulevard and in other alleys to Cravens Avenue and in Cravens Avenue to Van Ness Avenue. As funding permits, other sewers will be repaired.

Justification

Deteriorated sewer trunk line needs replacement.

Impact of Non-Approval

N/A

Other Alternatives Considered

N/A

Department Priority	1	High
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time

Initial Funding	
Council or City Manager Approval Date	10/06/1998
Council or City Manager Approval Item	13F
Council or City Manager Approval Amount	\$1,200,000

Amendments		
Council Approval Date	Council Approval Item	Amount
06/20/2000	11C	\$0
08/07/2001	7M	\$0

Cost Activity By Fiscal Year

Revision 3
Project Cost after Revision 3: \$2,200,000

Created By: BILEZERIAN, CRAIG S.
Created Date: 12/10/2015 10:26:36 AM

	2018-19	2019-20	2020-21			Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2003-04	2004-05	2005-06	2016-17	2017-18	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction				\$1,000,000		\$1,000,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000

	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Project Management			\$50,000			\$50,000
Design				\$242,344		\$242,344
Construction Management			\$57,656			\$57,656
Construction			\$850,000			\$850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$957,656	\$242,344	\$0	\$1,200,000

Revision 3 Amount: \$1,000,000

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$1,000,000					\$1,000,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000

Revision 2
Project Cost after Revision 2: \$1,200,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 8:10:04 AM

	2003-04	2004-05	2005-06			Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Project Management			\$50,000			\$50,000
Design				\$242,344		\$242,344
Construction Management			\$57,656			\$57,656
Construction			\$850,000			\$850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$957,656	\$242,344	\$0	\$1,200,000

Revision 2 Amount: \$0

	2000-01	2001-02	2002-03	2003-04	2004-05	Total
Project Management						\$0
Design	(\$242,344)	\$242,344				\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$242,344)	\$242,344	\$0	\$0	\$0	\$0

**Revision 1
Project Cost after Revision 1: \$1,200,000**

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 8:09:03 AM

	2003-04	2004-05	2005-06	Total
Project Management				\$0
Design				\$0
Construction Management				\$0
Construction				\$0
Environmental Assessment				\$0
Right-of-way				\$0
Inspection				\$0
Sub-Total:	\$0	\$0	\$0	\$0

	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Project Management			\$50,000			\$50,000
Design			\$242,344			\$242,344
Construction Management			\$57,656			\$57,656
Construction			\$850,000			\$850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000

Revision 1 Amount: \$0

	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Project Management	(\$50,000)		\$50,000			\$0
Design	(\$242,344)		\$242,344			\$0
Construction Management	(\$57,656)		\$57,656			\$0
Construction	(\$850,000)		\$850,000			\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$1,200,000)	\$0	\$1,200,000	\$0	\$0	\$0

**Original Budget
Amount: \$1,200,000**

Created By: REYES, JOYCE I.
Created Date: 12/30/2010 2:37:47 PM

	1998-99	2002-03	2003-04	2004-05	2005-06	Total
Project Management	\$50,000					\$50,000
Design	\$242,344					\$242,344
Construction Management	\$57,656					\$57,656
Construction	\$850,000					\$850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000

Cost Activity By Financing Source

Revision 1		Created By:		BILEZERIAN, CRAIG S.		
Project Cost after Revision 1: \$2,200,000		Created Date:		12/10/2015 10:26:51 AM		
Financing Source	Sewer Fund	To Be Determined				Total
Project Management	\$50,000					\$50,000
Design	\$242,344					\$242,344
Construction Management	\$57,656					\$57,656
Construction	\$850,000	\$1,000,000				\$1,850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,200,000	\$1,000,000	\$0	\$0	\$0	\$2,200,000

Revision 1 Amount: \$1,000,000

Financing Source	To Be Determined					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$1,000,000					\$1,000,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000

Original Budget Amount: \$1,200,000

Created By: REYES, JOYCE I.
Created Date: 12/30/2010 2:37:47 PM

Financing Source	Sewer Fund					Total
Project Management	\$50,000					\$50,000
Design	\$242,344					\$242,344
Construction Management	\$57,656					\$57,656
Construction	\$850,000					\$850,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000

Project Timeline

Timeline after Revision 2		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 12/10/2015 10:27:05 AM			
Description	2014-15	2015-16	2016-17	2017-18	2018-19
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2004-05	2005-06	2006-07	2007-08	2008-09
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	1998-99	1999-00	2000-01	2001-02	2003-04
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 2					
Description	2016-17	2017-18	2018-19	2019-20	
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 2					
		Created By: REYES, JOYCE I.			
		Created Date: 1/4/2011 8:06:12 AM			
Description	2004-05	2005-06	2006-07	2007-08	2008-09
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	1998-99	1999-00	2000-01	2001-02	2003-04
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2003-04	2004-05	2005-06	2006-07	2007-08
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline

Created By: REYES, JOYCE I.
Created Date: 12/30/2010 2:37:47 PM

Description	1998-99	1999-00	2000-01	2001-02	2003-04
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 3 Project Cost after Revision 3: \$2,200,000		Created By: BILEZERIAN, CRAIG S. Created Date: 12/10/2015 10:27:24 AM					
Financing Source	2019-20	2020-21	Total				
To Be Determined			\$0				
Sub-Total:	\$0	\$0	\$0				
Financing Source	2003-04	2004-05	2016-17	2017-18	2018-19	Total	
Sewer Fund						\$0	
To Be Determined			\$1,000,000			\$1,000,000	
Sub-Total:	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	
Financing Source	1998-99	1999-00	2000-01	2001-02	2002-03	Total	
Sewer Fund			\$957,656	\$242,344		\$1,200,000	
Sub-Total:	\$0	\$0	\$957,656	\$242,344	\$0	\$1,200,000	
Revision 3 Amount: \$1,000,000							
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$1,000,000					\$1,000,000
Sub-Total:		\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Revision 3							
Project Cost after Revision 3: \$1,200,000		Created By: REYES, JOYCE I. Created Date: 1/4/2011 8:04:39 AM					
Financing Source	2003-04	2004-05	Total				
Sewer Fund			\$0				
Sub-Total:	\$0	\$0	\$0				
Financing Source	1998-99	1999-00	2000-01	2001-02	2002-03	Total	
Sewer Fund			\$957,656	\$242,344		\$1,200,000	
Sub-Total:	\$0	\$0	\$957,656	\$242,344	\$0	\$1,200,000	
Revision 3 Amount: \$0							
Financing Source	Council Approved Date/Time	2000-01	2001-02	2002-03	2003-04	2004-05	Total
Sewer Fund	08/07/2001 7M	(\$242,344)	\$242,344				\$0
Sub-Total:		(\$242,344)	\$242,344	\$0	\$0	\$0	\$0
Revision 2							
Project Cost after Revision 2: \$1,200,000		Created By: SIMLOTE, RAHUL Created Date: 12/30/2010 3:41:33 PM					
Financing Source	2003-04	2004-05	Total				
Sewer Fund			\$0				
Sub-Total:	\$0	\$0	\$0				
Financing Source	1998-99	1999-00	2000-01	2001-02	2002-03	Total	
Sewer Fund			\$1,200,000			\$1,200,000	
Sub-Total:	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000	
Revision 2 Amount: \$0							
Financing Source	Council Approved Date/Time	1998-99	2000-01	2002-03	2003-04	2004-05	Total
Sewer Fund	06/20/2000 11C	(\$1,200,000)	\$1,200,000				\$0
Sub-Total:		(\$1,200,000)	\$1,200,000	\$0	\$0	\$0	\$0
Original Budget							
Amount: \$1,200,000		Created By: REYES, JOYCE I. Created Date: 12/30/2010 3:00:27 PM					
Financing Source	Council Approved Date/Time	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Sewer Fund	10/06/1998 13F	\$1,200,000					\$1,200,000
Sub-Total:		\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000

Financing Source Options

Original Budget Total Amount: \$1,000,000		Total Percentage: 100%	Created By: BILEZERIAN, CRAIG S. Created Date: 12/10/2015 10:27:37 AM
Financing Source	Percent	Amount	
Water Fund	100%	\$1,000,000	

Original Budget Amount: \$1,200,000		Created By: REYES, JOYCE I. Created Date: 3/1/2011 10:22:05 AM
Financing Source	Percent	Amount
Sewer Fund	100%	\$1,200,000

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$2,200,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$1,000,000
Sewer Fund	\$1,200,000	\$1,200,000
Grand Total:	\$1,200,000	\$2,200,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$2,200,000

Financing Source	2019-20	2020-21				Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2003-04	2004-05	2016-17	2017-18	2018-19	Total
Sewer Fund						\$0
To Be Determined			\$1,000,000			\$1,000,000
Sub-Total:	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000

Financing Source	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Sewer Fund			\$957,656	\$242,344		\$1,200,000
Sub-Total:	\$0	\$0	\$957,656	\$242,344	\$0	\$1,200,000

Net Changes

Amount: \$1,000,000

Financing Source	2020-21					Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2004-05	2016-17	2017-18	2018-19	2019-20	Total
Sewer Fund						\$0
To Be Determined		\$1,000,000				\$1,000,000
Sub-Total:	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000

Financing Source	1998-99	2000-01	2001-02	2002-03	2003-04	Total
Sewer Fund	(\$1,200,000)	\$957,656	\$242,344			\$0
Sub-Total:	(\$1,200,000)	\$957,656	\$242,344	\$0	\$0	\$0

Original Budget

Amount: \$1,200,000

Created By:

REYES, JOYCE I.

Created Date:

12/30/2010 3:00:27 PM

Financing Source	1998-99	1999-00	2000-01	2001-02	2002-03	Total
Sewer Fund	\$1,200,000					\$1,200,000
Sub-Total:	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000

Quarterly Updates

Month Year

Update same as March 2015. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Update same as March 2015. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Update same as March 2015. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Update same as March 2015.

Month Year

Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Update same as September 2014. Staff met and decided to proceed with North Torrance Well Field Project, Phase 2 and Van Ness Avenue Well Field Transmission Main projects. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Update same as March 2014. Staff met and decided to proceed with North Torrance Well Field Project, Phase 2 and Van Ness Avenue Well Field Transmission Main projects. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Update same as March 2014. Staff met and decided to proceed with North Torrance Well Field Project, Phase 2 and Van Ness Avenue Well Field Transmission Main projects. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Staff met and decided to proceed with North Torrance Well Field Project, Phase 2 and Van Ness Avenue Well Field Transmission Main projects. Work on I-138 & I-60 is on hold due to staff work load.

Month Year

Funding for water main replacements is now available from I-153. Staff will be meeting next quarter to prioritize projects that have been designed, like I-60, and will develop a program for annual water main replacements.

Month Year

Same as June 2010 Update. Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main replacement portion of work.

Month Year

Same as June 2010 Update. Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main replacement portion of work.

Month Year

Same as June 2010 Update. Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main replacement portion of work.

Month Year

Same as June 2010 Update. Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main

replacement portion of work.

Month Year

Same as June 2010 Update. Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main replacement portion of work.

Month Year

Same as June 2010 Update. Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main replacement portion of work.

Month Year

Same as June 2010 Update: Funding for the water main replacement (I-60) is not available. Project on hold pending funding of water main replacement portion of work.

Month Year

Same as June 2010 Update: Design plans are completed for water main replacement, sewer replacement and alley reconstruction to be done with one Contractor. Funding for the water main replacement (I-60) is not available. Video inspections of the sewer line were completed and needed spot repairs completed as part of I-69 (Downtown Sewer Main Phase 2) project.

Month Year

Same as June 2010 Update: Design plans are completed for water main replacement, sewer replacement and alley reconstruction to be done with one Contractor. Funding for the water main replacement (I-60) is not available. Video inspections of the sewer line were completed and needed spot repairs completed as part of I-69 (Downtown Sewer Main Phase 2) project.

Month Year

Same as June 2010 Update: Design plans are completed for water main replacement, sewer replacement and alley reconstruction to be done with one Contractor. Funding for the water main replacement (I-60) is not available. Video inspections of the sewer line were completed and needed spot repairs completed as part of I-69 (Downtown Sewer Main Phase 2) project.

Month Year

Same as June 2010 Update: Design plans are completed for water main replacement, sewer replacement and alley reconstruction to be done with one Contractor. Funding for the water main replacement (I-60) is not available. Video inspections of the sewer line were completed and needed spot repairs completed as part of I-69 project.

Month Year

Same as June 2010 Update.

Month Year

Same as June 2010 Update. Budget \$1,200,000 Expenses (432,475) Balance 09/30/10 \$767,525

Month Year

Design plans are completed for water main replacement, sewer replacement and alley reconstruction to be done with one Contractor. Funding for the water main replacement (I-60) is not available. Video inspections of the sewer line were completed and needed spot repairs completed as part of I-69 project. Budget \$1,200,000 Expenses (432,475) Balance 06/30/10 \$767,525

Month Year

Design plans are completed for water main replacement, sewer replacement and alley reconstruction to be done with one Contractor. Funding for the water main replacement (I-60) is not available. Budget \$1,200,000 Expenses (432,475) Balance 03/31/10 \$767,525

Month Year

Same as March 2009 Update. Budget \$1,200,000 Expenses (432,475) Balance 12/31/09 \$767,525

Month Year

Same as March 2009 Update.

Month Year

Same as March 2009 Update.

Month Year

Design is on hold due to other higher priority projects.

Month Year

Same as September 2007 Update

Month Year

Same as September 2007 Update.

Month Year

Same as September 2007 Update.

Month Year

No Update.

Month Year

Same as September 2007 Update.

Month Year

Design is on hold due to other higher priority projects.

Month Year

Design is on hold due to other higher priority projects.

Month Year

Same as December 2006 Update.

Month Year

This sewer line was to be replaced and relocated in conjunction with CIP I-60. However, I-60 is now deferred. Therefore, the project balance will be used to rehabilitate the sewer line with either spot repairs or lining methods.

Month Year

Design is ongoing and will be completed in January 2007. Construction will be deferred so that funds can be use to pay for the Plaza Del Arno Sewer (formerly I-44). Because I-44 was defunded, the Plaza Del Arno Sewer design and construction will be funded by this project.

Month Year

No Update.

Budget vs. Expenses

Last Payroll Update

Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$1,200,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$1,200,000.00</u>
Actual	<u>\$443,847.31</u>
Encumbrances	<u>\$0.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$756,152.69</u>

Revenue

Life To Date Budget - Posted	<u>\$1,200,000.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$1,200,000.00</u>
Actual	<u>\$1,200,000.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$0.00</u>

Request #: 2016-00171
I 074

Infrastructure Action Plan (IAP)

Type of Project	Infrastructure
Project Location	Various
Project Title	Incremental Water Main Replacement Program
Submitting Department	Public Works - Project Design and Admin
Prepared By	DETTLE, JOHN C.
Preparer's Email	jdettle@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	DETTLE, JOHN C.
Project Leader's Email	jdettle@torranceca.gov
Project Start Date	06/25/2002
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST: \$1,250,000
This is phase two of a incremental Water Main Replacement program in various areas of the municipal water service area that are experiencing a high incidence of main breaks. It is project that we will be replacing a total of 3 to 4 miles of main line on an incremental basis over the next 5 years. Funding of \$250,000 per year for five years will be derived from the Water Revenue Enterprise fund.

Miscellaneous water main replacement in residential areas west of 405 Freeway and north of 182nd Street. This program is designed to replace aging and deteriorated pipelines in the municipal system, which have a high incidence of failure. This program will help alleviate the frequency of main breaks and improve the system's reliability. It will also aid in controlling long-term water costs and will improve water quality.

This project was defunded to provide funds for Western Avenue Water Main Replacement, CIP. No. I-108.

Water Operations has selected this project area to replace water mains using Water Operations crews. Additional funds now needed to pay for materials.

Justification

This program will help alleviate the frequency of main breaks and improve the system's reliability. It will also aid in controlling long-term water costs and will improve water quality.

Impact of Non-Approval

N/A

Other Alternatives Considered

N/A

Department Priority	1	High
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time

Initial Funding	
Council or City Manager Approval Date	06/25/2002
Council or City Manager Approval Item	11D
Council or City Manager Approval Amount	\$2,000,000

Amendments		
Council Approval Date	Council Approval Item	Amount
04/27/2004	11C	\$0
09/21/2004	11F	\$0
08/18/2009	12B	(\$1,700,000)
12/18/2012	12A	\$500,000

Cost Activity By Fiscal Year

Revision 5		Created By:		REYES, JOYCE I.		
Project Cost after Revision 5: \$2,050,000		Created Date:		3/8/2016 4:16:19 PM		
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction		\$500,000				\$500,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$500,000	\$0	\$0	\$0	\$500,000
	2006-07	2007-08	2008-09	2009-10	2010-11	Total
Project Management		\$100,000				\$100,000
Design						\$0
Construction Management			\$50,000			\$50,000
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000				\$150,000
Inspection						\$0
Sub-Total:	\$0	\$250,000	\$50,000	\$0	\$0	\$300,000
	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Project Management		\$100,000	(\$100,000)	(\$100,000)	\$100,000	\$0
Design						\$0
Construction Management		\$150,000	(\$150,000)			\$0
Construction		\$1,600,000	(\$1,600,000)			\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000	(\$150,000)	(\$150,000)	\$150,000	\$0
Inspection						\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0
Revision 5 Amount: \$1,250,000						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Revision 4		Created By:		DETTLE, JOHN C.		
Project Cost after Revision 4: \$800,000		Created Date:		11/26/2012 9:41:11 AM		
	2016-17					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0

Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0
	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction		\$500,000				\$500,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$500,000	\$0	\$0	\$0	\$500,000

	2006-07	2007-08	2008-09	2009-10	2010-11	Total
Project Management		\$100,000				\$100,000
Design						\$0
Construction Management			\$50,000			\$50,000
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000				\$150,000
Inspection						\$0
Sub-Total:	\$0	\$250,000	\$50,000	\$0	\$0	\$300,000

	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Project Management		\$100,000	(\$100,000)	(\$100,000)	\$100,000	\$0
Design						\$0
Construction Management		\$150,000	(\$150,000)			\$0
Construction		\$1,600,000	(\$1,600,000)			\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000	(\$150,000)	(\$150,000)	\$150,000	\$0
Inspection						\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0

Revision 4 Amount: \$500,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$500,000					\$500,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Revision 3

Project Cost after Revision 3: \$300,000

Created By:

REYES, JOYCE I.

Created Date:

1/4/2011 5:02:52 PM

	2011-12	2012-13				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2006-07	2007-08	2008-09	2009-10	2010-11	Total
Project Management		\$100,000				\$100,000
Design						\$0
Construction Management			\$50,000			\$50,000
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000				\$150,000

Inspection						\$0
Sub-Total:	\$0	\$250,000	\$50,000	\$0	\$0	\$300,000
	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Project Management		\$100,000	(\$100,000)	(\$100,000)	\$100,000	\$0
Design						\$0
Construction Management		\$150,000	(\$150,000)			\$0
Construction		\$1,600,000	(\$1,600,000)			\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000	(\$150,000)	(\$150,000)	\$150,000	\$0
Inspection						\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0

Revision 3 Amount: (\$1,700,000)

	2008-09	2009-10	2010-11	2011-12	2012-13	Total
Project Management						\$0
Design						\$0
Construction Management	(\$100,000)					(\$100,000)
Construction	(\$1,600,000)					(\$1,600,000)
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$1,700,000)	\$0	\$0	\$0	\$0	(\$1,700,000)

Revision 2

Project Cost after Revision 2: \$2,000,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:53:42 PM

	2006-07	2007-08	2008-09			Total
Project Management		\$100,000				\$100,000
Design						\$0
Construction Management			\$150,000			\$150,000
Construction			\$1,600,000			\$1,600,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000				\$150,000
Inspection						\$0
Sub-Total:	\$0	\$250,000	\$1,750,000	\$0	\$0	\$2,000,000

	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Project Management		\$100,000	(\$100,000)	(\$100,000)	\$100,000	\$0
Design						\$0
Construction Management		\$150,000	(\$150,000)			\$0
Construction		\$1,600,000	(\$1,600,000)			\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000	(\$150,000)	(\$150,000)	\$150,000	\$0
Inspection						\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0

Revision 2 Amount: \$0

	2004-05	2005-06	2006-07	2007-08	2008-09	Total
Project Management	(\$100,000)			\$100,000		\$0
Design						\$0
Construction Management				(\$150,000)	\$150,000	\$0
Construction				(\$1,600,000)	\$1,600,000	\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Inspection/Design	(\$150,000)			\$150,000		\$0
Sub-Total:	(\$250,000)	\$0	\$0	(\$1,500,000)	\$1,750,000	\$0

Revision 1

Project Cost after Revision 1: \$2,000,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:48:56 PM

2006-07 | 2007-08 | | | | Total

	2000-01	2001-00				Total
Project Management						\$0
Design						\$0
Construction Management		\$150,000				\$150,000
Construction		\$1,600,000				\$1,600,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design						\$0
Inspection						\$0
Sub-Total:	\$0	\$1,750,000	\$0	\$0	\$0	\$1,750,000

	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Project Management		\$100,000	(\$100,000)		\$100,000	\$100,000
Design						\$0
Construction Management		\$150,000	(\$150,000)			\$0
Construction		\$1,600,000	(\$1,600,000)			\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection/Design		\$150,000	(\$150,000)		\$150,000	\$150,000
Inspection						\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	\$0	\$250,000	\$250,000

Revision 1 Amount: \$0

	2003-04	2004-05	2005-06	2006-07	2007-08	Total
Project Management	(\$100,000)		\$100,000			\$0
Design						\$0
Construction Management	(\$150,000)				\$150,000	\$0
Construction	(\$1,600,000)				\$1,600,000	\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Inspection/Design	(\$150,000)		\$150,000			\$0
Sub-Total:	(\$2,000,000)	\$0	\$250,000	\$0	\$1,750,000	\$0

Original Budget
Amount: \$2,000,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:42:31 PM

	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Project Management		\$100,000				\$100,000
Design						\$0
Construction Management		\$150,000				\$150,000
Construction		\$1,600,000				\$1,600,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Inspection/Design		\$150,000				\$150,000
Sub-Total:	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000

Cost Activity By Financing Source

Revision 3		Created By: REYES, JOYCE I.	
Project Cost after Revision 3: \$2,050,000		Created Date: 3/8/2016 4:16:46 PM	
Financing Source	To Be Determined	Water Fund	Total
Project Management		\$100,000	\$100,000
Design			\$0
Construction Management		\$50,000	\$50,000
Construction	\$1,250,000	\$500,000	\$1,750,000
Environmental Assessment			\$0
Right-of-way			\$0
Inspection			\$0
Inspection/Design		\$150,000	\$150,000
Sub-Total:	\$1,250,000	\$800,000	\$2,050,000

Revision 3 Amount: \$1,250,000

Financing Source	To Be Determined	Total
Project Management		\$0
Design		\$0
Construction Management		\$0
Construction	\$1,250,000	\$1,250,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$1,250,000	\$1,250,000

Revision 2
Project Cost after Revision 2: \$800,000

Created By: DETTLE, JOHN C.
Created Date: 11/26/2012 9:41:52 AM

Financing Source	Water Fund	Total
Project Management	\$100,000	\$100,000
Design		\$0
Construction Management	\$50,000	\$50,000
Construction	\$500,000	\$500,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection/Design	\$150,000	\$150,000
Inspection		\$0
Sub-Total:	\$800,000	\$800,000

Revision 2 Amount: \$500,000

Financing Source	Water Fund	Total
Project Management		\$0
Design		\$0
Construction Management		\$0
Construction	\$500,000	\$500,000
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$500,000	\$500,000

Revision 1
Project Cost after Revision 1: \$300,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 5:01:20 PM

Financing Source	Water Fund	Total
Project Management	\$100,000	\$100,000
Design		\$0
Construction Management	\$50,000	\$50,000
Construction		\$0
Environmental Assessment		\$0
Right-of-way		\$0
Inspection/Design	\$150,000	\$150,000
Inspection		\$0
Sub-Total:	\$300,000	\$300,000

Sub-Total:	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Revision 1 Amount: (\$1,700,000)						
Financing Source	Water Fund					Total
Project Management						\$0
Design						\$0
Construction Management	(\$100,000)					(\$100,000)
Construction	(\$1,600,000)					(\$1,600,000)
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$1,700,000)	\$0	\$0	\$0	\$0	(\$1,700,000)
Original Budget						
Amount: \$2,000,000			Created By: REYES, JOYCE I.			
			Created Date: 1/4/2011 4:42:31 PM			
Financing Source	Water Fund					Total
Project Management	\$100,000					\$100,000
Design						\$0
Construction Management	\$150,000					\$150,000
Construction	\$1,600,000					\$1,600,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Inspection/Design	\$150,000					\$150,000
Sub-Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000

Project Timeline

Timeline after Revision 3		Created By: DETTLE, JOHN C.		Created Date: 11/26/2012 9:42:21 AM	
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Project Management	<input type="checkbox"/>				
Design	<input type="checkbox"/>				
Construction Management	<input type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Description	2006-07	2007-08	2008-09	2009-10	2010-11
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>				
Construction	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Description	2001-02	2002-03	2003-04	2004-05	2005-06
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>				
Construction	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Revision 3					
Description	2011-12	2012-13	2013-14	2014-15	2015-16
Project Management	<input type="checkbox"/>				
Design	<input type="checkbox"/>				
Construction Management	<input type="checkbox"/>				
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Revision 3		Created By: REYES, JOYCE I.		Created Date: 1/4/2011 5:00:25 PM	
Description	2006-07	2007-08	2008-09	2009-10	2010-11
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>				
Construction	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Description	2001-02	2002-03	2003-04	2004-05	2005-06
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>				

Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2007-08	2008-09	2009-10	2010-11	2011-12
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Revision 2

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:59:37 PM

Description	2006-07	2007-08	2008-09	2009-10	2010-11
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2001-02	2002-03	2003-04	2004-05	2005-06
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description	2003-04	2004-05	2005-06	2006-07	2007-08
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Original Timeline

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:42:31 PM

Description	2001-02	2002-03	2003-04	2004-05	2005-06
Project Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 5		Created By: REYES, JOYCE I.				
Project Cost after Revision 5: \$2,050,000		Created Date: 3/8/2016 4:11:46 PM				
Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Water Fund						\$0
Sub-Total:	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Water Fund		\$500,000				\$500,000
Sub-Total:	\$0	\$500,000	\$0	\$0	\$0	\$500,000
Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11	Total
Water Fund		\$250,000	\$1,750,000	(\$1,700,000)		\$300,000
Sub-Total:	\$0	\$250,000	\$1,750,000	(\$1,700,000)	\$0	\$300,000
Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Water Fund		\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0

Revision 5 Amount: \$1,250,000

Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Sub-Total:		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Revision 5
Project Cost after Revision 5: \$800,000

Created By: DETTLE, JOHN C.
Created Date: 11/26/2012 9:42:49 AM

Financing Source	2016-17						Total
Water Fund							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16		Total
Water Fund		\$500,000					\$500,000
Sub-Total:	\$0	\$500,000	\$0	\$0	\$0		\$500,000
Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11		Total
Water Fund		\$250,000	\$1,750,000	(\$1,700,000)			\$300,000
Sub-Total:	\$0	\$250,000	\$1,750,000	(\$1,700,000)	\$0		\$300,000
Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06		Total
Water Fund		\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000		\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000		\$0

Revision 5 Amount: \$500,000

Financing Source	Council Approved Date/Time	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Water Fund	12/18/2012 12A	\$500,000					\$500,000
Sub-Total:		\$500,000	\$0	\$0	\$0	\$0	\$500,000

Revision 4
Project Cost after Revision 4: \$300,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 5:01:06 PM

Financing Source	2011-12	2012-13	2013-14				Total
Water Fund							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11		Total
Water Fund		\$250,000	\$1,750,000	(\$1,700,000)			\$300,000
Sub-Total:	\$0	\$250,000	\$1,750,000	(\$1,700,000)	\$0		\$300,000
Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06		Total
Water Fund		\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000		\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000		\$0

Revision 4 Amount: (\$1,700,000)

Financing Source	Council Approved Date/Time	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Fund	08/18/2009 12B	(\$1,700,000)					(\$1,700,000)
Sub-Total:		(\$1,700,000)	\$0	\$0	\$0	\$0	(\$1,700,000)

Revision 3
Project Cost after Revision 3: \$2,000,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:51:26 PM

Financing Source	2006-07	2007-08	2008-09	Total
Water Fund		\$250,000	\$1,750,000	\$2,000,000
Sub-Total:	\$0	\$250,000	\$1,750,000	\$2,000,000

Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Water Fund		\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0

Revision 3 Amount: \$0

Financing Source	Council Approved Date/Time	2004-05	2005-06	2006-07	2007-08	2008-09	Total
Water Fund	09/21/2004 11F-Move \$250K budget fr FY04-05 to FY07-08; Move \$1.75M budget from FY07-08 to FY08-09	(\$250,000)			(\$1,500,000)	\$1,750,000	\$0
Sub-Total:		(\$250,000)	\$0	\$0	(\$1,500,000)	\$1,750,000	\$0

Revision 2
Project Cost after Revision 2: \$2,000,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:48:14 PM

Financing Source	2006-07	2007-08	Total
Water Fund		\$1,750,000	\$1,750,000
Sub-Total:	\$0	\$1,750,000	\$1,750,000

Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Water Fund		\$2,000,000	(\$2,000,000)		\$250,000	\$250,000
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	\$0	\$250,000	\$250,000

Revision 2 Amount: \$0

Financing Source	Council Approved Date/Time	2003-04	2004-05	2005-06	2006-07	2007-08	Total
Water Fund	04/27/2004 11C-Move \$250K budget from FY03-04 to FY05-06 and \$1.75M budget from FY03-04 to FY07-08	(\$2,000,000)		\$250,000		\$1,750,000	\$0
Sub-Total:		(\$2,000,000)	\$0	\$250,000	\$0	\$1,750,000	\$0

Original Budget
Amount: \$2,000,000

Created By: REYES, JOYCE I.
Created Date: 1/4/2011 4:42:31 PM

Financing Source	Council Approved Date/Time	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Water Fund	06/25/2002 11D		\$2,000,000				\$2,000,000
Sub-Total:		\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000

Financing Source Options

Original Budget Total Amount: \$1,250,000		Created By: DRAKODAIDIS, JOHN A. Created Date: 3/3/2016 11:21:47 AM							
Total Percentage: 100%									
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Water Fund</td> <td>100%</td> <td>\$1,250,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Water Fund	100%	\$1,250,000		
Financing Source	Percent	Amount							
Water Fund	100%	\$1,250,000							
Revision 1 Project Cost after Revision 1: \$500,000		Created By: DETTLE, JOHN C. Created Date: 11/26/2012 9:43:13 AM							
Revision 1 Amount: \$500,000									
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Water Fund</td> <td>100%</td> <td>\$500,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Water Fund	100%	\$500,000		
Financing Source	Percent	Amount							
Water Fund	100%	\$500,000							
Original Budget Amount: \$300,000		Created By: REYES, JOYCE I. Created Date: 3/1/2011 10:24:01 AM							
<table border="1"> <thead> <tr> <th>Financing Source</th> <th>Percent</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Water Fund</td> <td>100%</td> <td>\$300,000</td> </tr> </tbody> </table>		Financing Source	Percent	Amount	Water Fund	100%	\$300,000		
Financing Source	Percent	Amount							
Water Fund	100%	\$300,000							

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$2,050,000

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$1,250,000
Water Fund	\$800,000	\$800,000
Grand Total:	\$800,000	\$2,050,000

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$2,050,000

Financing Source	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Water Fund						\$0
Sub-Total:	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Financing Source	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Water Fund		\$500,000				\$500,000
Sub-Total:	\$0	\$500,000	\$0	\$0	\$0	\$500,000

Financing Source	2006-07	2007-08	2008-09	2009-10	2010-11	Total
Water Fund		\$250,000	\$1,750,000	(\$1,700,000)		\$300,000
Sub-Total:	\$0	\$250,000	\$1,750,000	(\$1,700,000)	\$0	\$300,000

Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Water Fund		\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0
Sub-Total:	\$0	\$2,000,000	(\$2,000,000)	(\$250,000)	\$250,000	\$0

Net Changes

Amount: \$50,000

Financing Source	2018-19	2019-20	2020-21			Total
To Be Determined	\$250,000	\$250,000	\$250,000			\$750,000
Sub-Total:	\$250,000	\$250,000	\$250,000	\$0	\$0	\$750,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Water Fund						\$0
To Be Determined				\$250,000	\$250,000	\$500,000
Sub-Total:	\$0	\$0	\$0	\$250,000	\$250,000	\$500,000

Financing Source	2008-09	2009-10	2010-11	2011-12	2012-13	Total
Water Fund	\$1,750,000	(\$1,700,000)			\$500,000	\$550,000
Sub-Total:	\$1,750,000	(\$1,700,000)	\$0	\$0	\$500,000	\$550,000

Financing Source	2003-04	2004-05	2005-06	2006-07	2007-08	Total
Water Fund	(\$2,000,000)	(\$250,000)	\$250,000		\$250,000	(\$1,750,000)
Sub-Total:	(\$2,000,000)	(\$250,000)	\$250,000	\$0	\$250,000	(\$1,750,000)

Original Budget
Amount: \$2,000,000

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Created Date: 1/4/2011 4:42:31 PM

Financing Source	2001-02	2002-03	2003-04	2004-05	2005-06	Total
Water Fund		\$2,000,000				\$2,000,000
Sub-Total:	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000

Quarterly Updates

Month Year

Water Operations has completed 85% of the I-74 residential water main replacements. Crenshaw and Van Ness Avenue water main replacements included in the I-74 plans will be built by a Contractor. The work to bid and construct the Crenshaw Blvd., Van Ness Avenue and Artesia Alley parts of this project are on hold due to staffing.

Month Year

Water Operations has completed 75% of the I-74 residential water main replacements. The work to bid and construct the Crenshaw Blvd. and Artesia Alley parts of this project are on hold due to staffing.

Month Year

The Water Operations staff has completed about 50% of the I-74 residential water main replacements. Water Operations staff will install all this project except mains on Crenshaw Blvd., Redondo Beach Blvd. to Artesia Blvd. and the Artesia Alley water mains. This work is being deferred to be constructed by a Contractor. The Artesia Alley Project was submitted to DOHS and staff have received comments. The comments have been addressed and staff is preparing to resubmit plans to DOHS for their approval. With DOHS approval the project can be advertised next quarter for construction. The work to bid and construct the Crenshaw Blvd. and Artesia Alley parts of this project are on hold due to staffing.

Month Year

Update same as December 2014.

Month Year

Update same as December 2014. Project on hold while staff prepares NTWFP Phase II for bid.

Month Year

The Alley Project was submitted to DOHS and staff have received comments. The comments have been addressed and staff is preparing to resubmit plans to DOHS for their approval. With DOHS approval the project can be advertised next quarter for construction.

Month Year

The % complete reported last quarter was an over estimate. The Water Operations staff have completed about 67% of work. The alley north of Artesia Blvd. has been pulled from the I-74 project to be bid out and constructed by a Contractor due to tight working area and the possibility of the Contractor having to install a temporary above ground water system. The Alley Project is 90% complete in design, but needs DOHS approval before bidding.

Month Year

Water Operations crews continue to install water mains per the I-74 plans provided and are approximately 70% complete.

Month Year

Water Operations crews continue to install water mains per the I-74 plans provided and are approximately 60% complete.

Month Year

Water Operations crews continue to install water mains per the I-74 plans provided and are approximately 50% complete.

Month Year

Water Operations crews continue to install water mains per the I-74 plans provided and are approximately 40% complete.

Month Year

Water Operations crews continue to install water mains per the I-74 plans provided and are approximately 35% complete.

Month Year

Water Operations crews continue to install water mains per the I-74 plans provided and are approximately 25% complete.

Month Year

Funding for materials for I-74 was approved on December 18, 2012. Most plan sheets have been signed and provided to Water Operations for their use. Crenshaw Blvd. plans are not included because of traffic control requirements on arterial roads. A part of Delia Street, south of 170th Street is proposed to be re-designed if one of two local sewers can be abandoned. Plan does not meet sewer/water separation requirements as designed.

Month Year

This project has been identified as the next project for construction based on history of water main breaks. Water Operations has selected this project for installation with City crews. Staff has prepared a cost estimate and is now preparing an agenda item to fund I-74.

Month Year

Water Operations has started construction on I-74. Staff is preparing a cost estimate for an agenda item to fully fund I-74.

Month Year

This project has been identified as the next project for construction based on history of water main breaks. Water Operations has selected this project for installation with City crews. Work is to begin next quarter. There are funds to purchase material to begin construction, however staff may need to go to Council next quarter for additional funding for materials.

Month Year

Work on this project was put on hold due to drafts person help needed for Mardona Marsh Restoration and Enhancement As-Builts and Stormwater Basin Enhancement Project exhibits.

Month Year

Final review started but not completed during this quarter.

Month Year

Plans are 95% complete and have been provided to the Project Manager for final review.

Month Year

Same as December 2010 Update: Staff have completed site visits to finalize design. Final drafting of plans has been deferred to move forward priority projects.

Month Year

Staff have completed site visits to finalize design. Final drafting of plans has been deferred to move forward priority projects.

Month Year

Same as June 2010 Update. Budget \$300,000 Expenses (278,340) Balance 09/30/10 \$21,660

Month Year

Final Plans were reviewed and need additional revisions. Staff is conducting Site Inspections to finalize plans. Budget \$300,000 Expenses (278,340) Balance 06/30/10 \$21,660

Month Year

Additional costs were incurred due to plan revisions. Budget \$300,000 Expenses (278,340) Balance 03/31/10 \$21,660

Month Year

Same as September 2009 Update. Budget \$300,000 Expenses (274,483) Encumbrances (6,733) Balance 12/31/09 \$18,784

Month Year

Staff completed plans for final design. Budget transferred to I-107, Western Water Main. Project on hold pending additional funding.

Month	<input type="text" value="June"/>	Year	<input type="text" value="2009"/>
No Update.			
Month	<input type="text" value="March"/>	Year	<input type="text" value="2009"/>
Staff is proceeding with drafting plans for final design.			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2008"/>
Staff is proceeding with drafting plans for final design.			
Month	<input type="text" value="September"/>	Year	<input type="text" value="2008"/>
Staff has prepared 50% design and reviewed it with Water Operations and Fire Department. Staff now proceeding with Final Design.			
Month	<input type="text" value="June"/>	Year	<input type="text" value="2008"/>
Survey work is now complete. Staff is proceeding with in-house design.			
Month	<input type="text" value="March"/>	Year	<input type="text" value="2008"/>
No Update.			
Month	<input type="text" value="December"/>	Year	<input type="text" value="2007"/>
Survey services are ongoing. Falda Ave is now being designed by staff.			
Month	<input type="text" value="September"/>	Year	<input type="text" value="2007"/>
A contract for survey services was awarded in August 2007. Design to be performed by Public Works staff.			

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses	Revenue
Life To Date Budget - Posted \$800,000.00	Life To Date Budget - Posted \$800,000.00
Life To Date Budget - Unposted \$0.00	Life To Date Budget - Unposted \$0.00
Total Life To Date Budget \$800,000.00	Total Life To Date Budget \$800,000.00
Actual \$765,537.18	Actual \$800,000.00
Encumbrances \$15,521.78	
Unposted Transaction \$0.00	Unposted Transaction \$0.00
Available Budget \$18,941.04	Available Budget \$0.00

Type of Project	Infrastructure
Project Location	Citywide
Project Title	Citywide Storm Drain Replacement
Submitting Department	Public Works - Project Design and Admin
Prepared By	BILEZERIAN, CRAIG S.
Preparer's Email	cbilezerian@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	OVERSTREET, ELIZABETH F.
Project Leader's Email	eoverstreet@torranceca.gov
Project Start Date	07/01/2016
Estimated Completion Date	06/30/2022

Project Request Status	Proposed
Approved Project Status	

Description

This project will replace or rehabilitate storm drain pipes in various areas in the City. Also, included is the construction of new manholes to facilitate maintenance. The project would also analyze the potential need to extend the existing storm drain system on Calle Miramar, specifically the portion that currently ends at 875 Calle Miramar. That analysis would investigate a potential easterly extension of the storm drain system to approximately 941 Calle Miramar to reduce and/or eliminate surface runoff from flowing onto private property. \$40,000 is requested for FY16-17, specifically to analyze Calle Miramar. Should it be determined that the extension is needed, a future request would be submitted for construction funds on Calle Miramar.

Justification

Aging storm drain pipes, if not replaced or repaired, may cause flooding, erosion and damage to property. Public Works has identified at least one deficient corrugated metal storm drain pipe in an easement on private property. There are other suspected deficient pipes due to their age.

Impact of Non-Approval

Potential risk of flooding, erosion and damage to property.

Other Alternatives Considered

Do nothing.

Cost Activity By Fiscal Year

Original Budget Amount: \$840,000		Created By: BILEZERIAN, CRAIG S. Created Date: 3/8/2016 11:01:42 AM				
	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Design		\$65,000	\$25,000	\$25,000	\$25,000	\$140,000
Construction Management		\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
Construction		\$150,000	\$150,000	\$150,000	\$150,000	\$600,000
Inspection		\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
Sub-Total:	\$0	\$240,000	\$200,000	\$200,000	\$200,000	\$840,000

Cost Activity By Financing Source

Original Budget Amount: \$840,000		Created By: BILEZERIAN, CRAIG S. Created Date: 3/8/2016 11:01:42 AM				
Financing Source	To Be Determined					Total
Design	\$140,000					\$140,000
Construction Management	\$40,000					\$40,000
Construction	\$600,000					\$600,000
Inspection	\$60,000					\$60,000
Sub-Total:	\$840,000	\$0	\$0	\$0	\$0	\$840,000

Project Timeline

Original Timeline		Created By: BILEZERIAN, CRAIG S.			
		Created Date: 3/8/2016 11:01:42 AM			
Description	2016-17	2017-18	2018-19	2019-20	2020-21
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Department Priority

Financing Source - Details

Original Budget		Created By: BILEZERIAN, CRAIG S.					
Amount: \$840,000		Created Date: 3/8/2016 11:01:42 AM					
Financing Source	Council Approved Date/Time	2016-17	2017-18	2018-19	2019-20	2020-21	Total
To Be Determined			\$240,000	\$200,000	\$200,000	\$200,000	\$840,000
Sub-Total:		\$0	\$240,000	\$200,000	\$200,000	\$200,000	\$840,000

Financing Source Options

Original Budget		Created By: BILEZERIAN, CRAIG S.	
Total Amount: \$840,000		Created Date: 3/8/2016 11:09:18 AM	
Total Percentage: 100%			
Financing Source	Percent	Amount	
DIF-Storm Drain Impact Fee	100%	\$840,000	

Type of Project	Infrastructure
Project Location	City wide
Project Title	Sidewalk Repair for handicap accessibility
Submitting Department	Public Works - Project Design and Admin
Prepared By	OVERSTREET, ELIZABETH F.
Preparer's Email	eoverstreet@torranceca.gov
Managing Department	Public Works - Project Design and Admin
Project Leader	FINTON, STEVEN J.
Project Leader's Email	sfinton@torrnet.com
Project Start Date	01/15/2013
Estimated Completion Date	06/30/2021

Project Request Status	Proposed
Approved Project Status	

Description

ADDITIONAL FUNDING REQUEST : \$2,070,000. The project will cover the design, construction and inspection for sidewalk improvements as well as for staff time managing the project and labor compliance.

Original Request:

This project will allow for the replacement of uplifted sidewalks to comply with ADA regulations. Many of the sidewalks have been uplifted due to the roots of adjacent trees. This project will also provide for either root pruning the offending roots or removing the entire tree should the repair of the adjacent sidewalk cause the tree to become unstable. In addition, the project will repair the adjacent curb, curb and gutter, and/or driveways should the sidewalk repair cause the existing conditions to become a tripping hazard or unsafe to pedestrians.

Justification

ADDITIONAL FUNDING REQUEST:

The amount of available CDBG funding is decreasing every year. Because the 2012/13 Sidewalk Improvement project had to be re-bid, the City had the opportunity to utilize the next year's cycle of funds to offset the costs that would otherwise have to be covered by the City.

ADDITIONAL FUNDING REQUEST (for annual project):

Because the CDBG funds are received annually, the intent is to make this sidewalk project annual as well. In an effort to make this project more appealing for the CDBG review and project approval, the City needs to leverage funds to the project. The leveraged funds will cover the items of work that are not covered by CDBG funds such as the replacement of the trees, curb & gutter repair and localized pavement repairs from the damage caused by tree roots.

Original Request:

The City's Public Works maintenance crew is backlogged with sidewalk repairs. This capital project is funded by an outside grant to perform the repairs, and can replace a significant amount of sidewalks much faster than what can be done in-house. Overall, it will help decrease the City's response time to existing and future requests for repairs. This project will benefit all pedestrians as it will provide a safer path of travel as well as enhance the appearance of the City in these areas.

Impact of Non-Approval

ADDITIONAL FUNDING REQUEST:

If not approved as part of the capital budget, then an item would need to be brought forward requesting the additional funding be allocated to the project at the time of award.

ADDITIONAL FUNDING REQUEST (for annual project). If not approved, there is a potential for the loss of the CDBG funding.

Original Request:

The Public Works Department will continue to replace sidewalks as part of their regular maintenance schedules. However, there is only one crew that performs this repair work for the entire City, and so the amount of sidewalk that can be repaired in-house on an annual basis is severely limited.

Other Alternatives Considered

No other alternatives were considered.

Department Priority	1	High
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Recommendation		Recommendation Last Changed
		Operator
		Date/Time

Initial Funding	
Council or City Manager Approval Date	01/15/2013
Council or City Manager Approval Item	12E
Council or City Manager Approval Amount	\$794,777

Amendments		
Council Approval Date	Council Approval Item	Amount
10/22/2013	12C	\$1,033,307
11/19/2013	12A	\$2,565,000
05/20/2013	13B	\$0
06/30/2014	BT	\$0
11/18/2014	13A	(\$43,415)
01/02/2015	JE	\$0
05/19/2015	12E	\$0
07/21/2015	BT	(\$586)
12/08/2015	12G	\$191,012
01/26/2016	13A	\$174,909

Cost Activity By Fiscal Year

Revision 7		Created By: REYES, JOYCE I.				
Project Cost after Revision 7: \$6,785,004		Created Date: 4/8/2016 1:56:52 PM				
	2022-23					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction						\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

	2017-18	2018-19	2019-20	2020-21	2021-22	Total
Project Management	\$10,000					\$10,000
Design	\$10,000	\$50,000	\$50,000	\$50,000		\$160,000
Construction Management	\$10,000	\$50,000	\$50,000	\$50,000		\$160,000
Construction	\$510,000	\$500,000	\$500,000	\$500,000		\$2,010,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$60,000	\$90,000	\$90,000	\$90,000		\$330,000
Sub-Total:	\$600,000	\$690,000	\$690,000	\$690,000	\$0	\$2,670,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Design	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Construction Management	\$35,000	(\$17,136)	\$10,000	\$10,000	\$10,000	\$47,864
Construction	\$664,777	\$1,051,973	\$551,585	\$626,806	\$838,529	\$3,733,670
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000	(\$1,530)	\$60,000	\$60,000	\$60,000	\$263,470
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$716,806	\$928,529	\$4,115,004

Revision 7 Amount: \$2,070,000

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Management						\$0
Design	\$50,000	\$50,000	\$50,000			\$150,000
Construction Management	\$50,000	\$50,000	\$50,000			\$150,000
Construction	\$500,000	\$500,000	\$500,000			\$1,500,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$90,000	\$90,000	\$90,000			\$270,000
Sub-Total:	\$690,000	\$690,000	\$690,000	\$0	\$0	\$2,070,000

Revision 6
Project Cost after Revision 6: \$4,715,004

Created By: REYES, JOYCE I.
Created Date: 4/8/2016 1:49:09 PM

	2017-18	2018-19	2019-20			Total
Project Management	\$10,000					\$10,000
Design	\$10,000					\$10,000
Construction Management	\$10,000					\$10,000
Construction	\$510,000					\$510,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$60,000					\$60,000
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Design	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Construction Management	\$35,000	(\$17,136)	\$10,000	\$10,000	\$10,000	\$47,864
Construction	\$664,777	\$1,051,973	\$551,585	\$626,806	\$838,529	\$3,733,670
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000	(\$1,530)	\$60,000	\$60,000	\$60,000	\$263,470
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$716,806	\$928,529	\$4,115,004

Revision 6 Amount: \$174,909

	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	(\$153,620)	\$328,529				\$174,909
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$153,620)	\$328,529	\$0	\$0	\$0	\$174,909

**Revision 5
Project Cost after Revision 5: \$4,540,095**

Created By: REYES, JOYCE I.
Created Date: 12/21/2015 11:18:55 AM

	2017-18	2018-19	2019-20	Total
Project Management	\$10,000			\$10,000
Design	\$10,000			\$10,000
Construction Management	\$10,000			\$10,000
Construction	\$510,000			\$510,000
Environmental Assessment				\$0
Right-of-way				\$0
Inspection	\$60,000			\$60,000
Sub-Total:	\$600,000	\$0	\$0	\$600,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Design	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Construction Management	\$35,000	(\$17,136)	\$10,000	\$10,000	\$10,000	\$47,864
Construction	\$664,777	\$1,051,973	\$551,585	\$780,426	\$510,000	\$3,558,761
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000	(\$1,530)	\$60,000	\$60,000	\$60,000	\$263,470
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$870,426	\$600,000	\$3,940,095

Revision 5 Amount: \$191,012

	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$191,012					\$191,012
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$191,012	\$0	\$0	\$0	\$0	\$191,012

**Revision 4
Project Cost after Revision 4: \$4,349,083**

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:55:29 PM

	2017-18	2018-19	2019-20	Total
Project Management	\$10,000			\$10,000
Design	\$10,000			\$10,000
Construction Management	\$10,000			\$10,000
Construction	\$510,000			\$510,000
Environmental Assessment				\$0
Right-of-way				\$0
Inspection	\$60,000			\$60,000
Sub-Total:	\$600,000	\$0	\$0	\$600,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Design	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Construction Management	\$35,000	(\$17,136)	\$10,000	\$10,000	\$10,000	\$47,864
Construction	\$664,777	\$1,051,973	\$551,585	\$589,414	\$510,000	\$3,367,749
Environmental Assessment						\$0

Right-of-way						\$0
Inspection	\$85,000	(\$1,530)	\$60,000	\$60,000	\$60,000	\$263,470
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$679,414	\$600,000	\$3,749,083

Revision 4 Amount: (\$586)

	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	(\$586)					(\$586)
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$586)	\$0	\$0	\$0	\$0	(\$586)

Revision 3
Project Cost after Revision 3: \$4,349,669

Created By: REYES, JOYCE I.
Created Date: 11/24/2014 1:52:50 PM

	2017-18	2018-19				Total
Project Management	\$10,000					\$10,000
Design	\$10,000					\$10,000
Construction Management	\$10,000					\$10,000
Construction	\$510,000					\$510,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$60,000					\$60,000
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Design	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Construction Management	\$35,000	(\$17,136)	\$10,000	\$10,000	\$10,000	\$47,864
Construction	\$664,777	\$1,051,973	\$551,585	\$590,000	\$510,000	\$3,368,335
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000	(\$1,530)	\$60,000	\$60,000	\$60,000	\$263,470
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$680,000	\$600,000	\$3,749,669

Revision 3 Amount: (\$43,415)

	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	(\$43,415)					(\$43,415)
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$43,415)	\$0	\$0	\$0	\$0	(\$43,415)

Revision 2
Project Cost after Revision 2: \$4,393,084

Created By: REYES, JOYCE I.
Created Date: 11/21/2013 10:48:59 AM

	2017-18	2018-19				Total
Project Management	\$10,000					\$10,000
Design	\$10,000					\$10,000
Construction Management	\$10,000					\$10,000
Construction	\$510,000					\$510,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$60,000					\$60,000
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Design	\$5,000		\$10,000	\$10,000	\$10,000	\$35,000
Construction Management	\$35,000	(\$17,136)	\$10,000	\$10,000	\$10,000	\$47,864

Construction	\$664,777	\$1,051,973	\$595,000	\$590,000	\$510,000	\$3,411,750
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000	(\$1,530)	\$60,000	\$60,000	\$60,000	\$263,470
Sub-Total:	\$794,777	\$1,033,307	\$685,000	\$680,000	\$600,000	\$3,793,084

Revision 2 Amount: \$2,565,000

	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Project Management	\$10,000	\$10,000	\$10,000	\$10,000		\$40,000
Design	\$10,000	\$10,000	\$10,000	\$10,000		\$40,000
Construction Management	\$10,000	\$10,000	\$10,000	\$10,000		\$40,000
Construction	\$595,000	\$590,000	\$510,000	\$510,000		\$2,205,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$60,000	\$60,000	\$60,000	\$60,000		\$240,000
Sub-Total:	\$685,000	\$680,000	\$600,000	\$600,000	\$0	\$2,565,000

Revision 1

Project Cost after Revision 1: \$1,828,084

Created By: REYES, JOYCE I.
Created Date: 11/21/2013 10:44:06 AM

	2017-18	Total
Project Management		\$0
Design		\$0
Construction Management		\$0
Construction		\$0
Environmental Assessment		\$0
Right-of-way		\$0
Inspection		\$0
Sub-Total:	\$0	\$0

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000					\$5,000
Design	\$5,000					\$5,000
Construction Management	\$35,000	(\$17,136)				\$17,864
Construction	\$664,777	\$1,051,973				\$1,716,750
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000	(\$1,530)				\$83,470
Sub-Total:	\$794,777	\$1,033,307	\$0	\$0	\$0	\$1,828,084

Revision 1 Amount: \$1,033,307

	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Project Management						\$0
Design						\$0
Construction Management	(\$17,136)					(\$17,136)
Construction	\$1,051,973					\$1,051,973
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	(\$1,530)					(\$1,530)
Sub-Total:	\$1,033,307	\$0	\$0	\$0	\$0	\$1,033,307

**Original Budget
Amount: \$794,777**

Created By: OVERSTREET, ELIZABETH F.
Created Date: 1/16/2013 10:56:09 AM

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Project Management	\$5,000					\$5,000
Design	\$5,000					\$5,000
Construction Management	\$35,000					\$35,000
Construction	\$664,777					\$664,777
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000					\$85,000
Sub-Total:	\$794,777	\$0	\$0	\$0	\$0	\$794,777

Cost Activity By Financing Source

Revision 11		Created By:		REYES, JOYCE I.		
Project Cost after Revision 11: \$6,785,004		Created Date:		4/8/2016 1:58:14 PM		
Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3-Bicycle Fund	To Be Determined	Total
Project Management	\$45,000					\$45,000
Design	\$45,000				\$150,000	\$195,000
Construction Management	\$57,864				\$150,000	\$207,864
Construction	\$3,293,361	\$188,400	\$271,575	\$490,334	\$1,500,000	\$5,743,670
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470				\$270,000	\$593,470
Sub-Total:	\$3,764,695	\$188,400	\$271,575	\$490,334	\$2,070,000	\$6,785,004

Revision 11 Amount: \$2,070,000

Financing Source	To Be Determined					Total
Project Management						\$0
Design	\$150,000					\$150,000
Construction Management	\$150,000					\$150,000
Construction	\$1,500,000					\$1,500,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$270,000					\$270,000
Sub-Total:	\$2,070,000	\$0	\$0	\$0	\$0	\$2,070,000

Revision 10		Created By:		REYES, JOYCE I.		
Project Cost after Revision 10: \$4,715,004		Created Date:		4/8/2016 1:48:54 PM		
Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3-Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,293,361	\$188,400	\$271,575	\$490,334		\$4,243,670
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,764,695	\$188,400	\$271,575	\$490,334	\$0	\$4,715,004

Revision 10 Amount: \$174,909

Financing Source	CDBG Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$174,909					\$174,909
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$174,909	\$0	\$0	\$0	\$0	\$174,909

Revision 9		Created By:		REYES, JOYCE I.		
Project Cost after Revision 9: \$4,540,095		Created Date:		12/21/2015 11:21:31 AM		
Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3-Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,118,452	\$188,400	\$271,575	\$490,334		\$4,068,761
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,589,786	\$188,400	\$271,575	\$490,334	\$0	\$4,540,095

Revision 9 Amount: \$191,012

Financing Source	TDA Article 3- Bicycle Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$191,012					\$191,012
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$191,012	\$0	\$0	\$0	\$0	\$191,012

**Revision 8
Project Cost after Revision 8: \$4,349,083**

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:55:35 PM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3- Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,118,452	\$188,400	\$271,575	\$299,322		\$3,877,749
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,589,786	\$188,400	\$271,575	\$299,322	\$0	\$4,349,083

Revision 8 Amount: (\$586)

Financing Source	CDBG Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	(\$586)					(\$586)
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$586)	\$0	\$0	\$0	\$0	(\$586)

**Revision 7
Project Cost after Revision 7: \$4,349,669**

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:50:52 PM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3- Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,119,038	\$188,400	\$271,575	\$299,322		\$3,878,335
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,590,372	\$188,400	\$271,575	\$299,322	\$0	\$4,349,669

Revision 7 Amount: \$0

Financing Source	CDBG Fund	Gas Tax 2107				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$69,830	(\$69,830)				\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$69,830	(\$69,830)	\$0	\$0	\$0	\$0

**Revision 6
Project Cost after Revision 6: \$4,349,669**

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:46:04 PM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3-Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,049,208	\$188,400	\$341,405	\$299,322		\$3,878,335
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,520,542	\$188,400	\$341,405	\$299,322	\$0	\$4,349,669

Revision 6 Amount: \$0

Financing Source	TDA Article 3-Bicycle Fund	Gas Tax 2107				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$43	(\$43)				\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$43	(\$43)	\$0	\$0	\$0	\$0

Revision 5
Project Cost after Revision 5: \$4,349,669

Created By: REYES, JOYCE I.
Created Date: 11/24/2014 1:52:57 PM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3-Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,049,208	\$188,400	\$341,448	\$299,279		\$3,878,335
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,520,542	\$188,400	\$341,448	\$299,279	\$0	\$4,349,669

Revision 5 Amount: (\$43,415)

Financing Source	CDBG Fund					Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	(\$43,415)					(\$43,415)
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	(\$43,415)	\$0	\$0	\$0	\$0	(\$43,415)

Revision 4
Project Cost after Revision 4: \$4,393,084

Created By: REYES, JOYCE I.
Created Date: 8/29/2014 8:56:47 AM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3-Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,092,623	\$188,400	\$341,448	\$299,279		\$3,921,750
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,563,957	\$188,400	\$341,448	\$299,279	\$0	\$4,393,084

Revision 4 Amount: \$0

Financing Source	Gas Tax 2107	TDA Article 3-Bicycle Fund			Total
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		Bicycle Fund					
Project Management							\$0
Design							\$0
Construction Management							\$0
Construction	(\$1,652)	\$1,652					\$0
Environmental Assessment							\$0
Right-of-way							\$0
Inspection							\$0
Sub-Total:	(\$1,652)	\$1,652		\$0	\$0	\$0	\$0

Revision 3
Project Cost after Revision 3: \$4,393,084

Created By: REYES, JOYCE I.
 Created Date: 8/29/2014 8:52:46 AM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3- Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,092,623	\$188,400	\$343,100	\$297,627		\$3,921,750
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,563,957	\$188,400	\$343,100	\$297,627	\$0	\$4,393,084

Revision 3 Amount: \$0

Financing Source	CDBG Fund	Gas Tax 2107				Total
Project Management						\$0
Design						\$0
Construction Management						\$0
Construction	\$83,500	(\$83,500)				\$0
Environmental Assessment						\$0
Right-of-way						\$0
Inspection						\$0
Sub-Total:	\$83,500	(\$83,500)	\$0	\$0	\$0	\$0

Revision 2
Project Cost after Revision 2: \$4,393,084

Created By: REYES, JOYCE I.
 Created Date: 11/21/2013 10:50:24 AM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3- Bicycle Fund		Total
Project Management	\$45,000					\$45,000
Design	\$45,000					\$45,000
Construction Management	\$57,864					\$57,864
Construction	\$3,009,123	\$188,400	\$426,600	\$297,627		\$3,921,750
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$323,470					\$323,470
Sub-Total:	\$3,480,457	\$188,400	\$426,600	\$297,627	\$0	\$4,393,084

Revision 2 Amount: \$2,565,000

Financing Source	CDBG Fund	Gas Tax 2107				Total
Project Management	\$40,000					\$40,000
Design	\$40,000					\$40,000
Construction Management	\$40,000					\$40,000
Construction	\$2,040,000	\$165,000				\$2,205,000
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$240,000					\$240,000
Sub-Total:	\$2,400,000	\$165,000	\$0	\$0	\$0	\$2,565,000

Revision 1
Project Cost after Revision 1: \$1,828,084

Created By: REYES, JOYCE I.
 Created Date: 11/21/2013 10:43:13 AM

Financing Source	CDBG Fund	Gas Tax 2106	Gas Tax 2107	TDA Article 3- Bicycle Fund		Total
Project Management	\$5,000					\$5,000

Design	\$5,000					\$5,000
Construction Management	\$17,864					\$17,864
Construction	\$969,123	\$188,400	\$261,600	\$297,627		\$1,716,750
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$83,470					\$83,470
Sub-Total:	\$1,080,457	\$188,400	\$261,600	\$297,627	\$0	\$1,828,084

Revision 1 Amount: \$1,033,307

Financing Source	CDBG Fund	TDA Article 3- Bicycle Fund	Gas Tax 2106	Gas Tax 2107		Total
Project Management						\$0
Design						\$0
Construction Management	(\$17,136)					(\$17,136)
Construction	\$304,346	\$297,627	\$188,400	\$261,600		\$1,051,973
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	(\$1,530)					(\$1,530)
Sub-Total:	\$285,680	\$297,627	\$188,400	\$261,600	\$0	\$1,033,307

**Original Budget
Amount: \$794,777**

Created By: OVERSTREET, ELIZABETH F.
Created Date: 1/16/2013 10:56:09 AM

Financing Source	CDBG Fund					Total
Project Management	\$5,000					\$5,000
Design	\$5,000					\$5,000
Construction Management	\$35,000					\$35,000
Construction	\$664,777					\$664,777
Environmental Assessment						\$0
Right-of-way						\$0
Inspection	\$85,000					\$85,000
Sub-Total:	\$794,777	\$0	\$0	\$0	\$0	\$794,777

Project Timeline

Timeline after Revision 2		Created By: FINTON, STEVEN J.		Created Date: 12/8/2015 3:23:41 PM	
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Description	2012-13	2013-14	2014-15	2015-16	2016-17
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Revision 2					
Description	2018-19	2019-20	2020-21		
Project Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revision 2					
Revision 2		Created By: OVERSTREET, ELIZABETH F.		Created Date: 9/18/2013 11:45:28 AM	
Description	2017-18	2018-19	2019-20	2020-21	2021-22
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	2012-13	2013-14	2014-15	2015-16	2016-17
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Description	2013-14	2014-15	2015-16	2016-17	2017-18
Project Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Construction	<input checked="" type="checkbox"/>				
Environmental Assessment	<input type="checkbox"/>				
Right-of-way	<input type="checkbox"/>				
Inspection	<input type="checkbox"/>				
Inspection	<input checked="" type="checkbox"/>				

Original Timeline

Created By: OVERSTREET, ELIZABETH F.
 Created Date: 1/16/2013 10:56:09 AM

Description	2012-13	2013-14	2014-15	2015-16	2016-17
Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financing Source - Details

Revision 11		Created By:		REYES, JOYCE I.	
Project Cost after Revision 11: \$6,785,004		Created Date:		4/8/2016 1:56:20 PM	

Financing Source	2022-23					Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2017-18	2018-19	2019-20	2020-21	2021-22	Total
CDBG Fund	\$600,000					\$600,000
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
Gas Tax 2106						\$0
To Be Determined		\$690,000	\$690,000	\$690,000		\$2,070,000
Sub-Total:	\$600,000	\$690,000	\$690,000	\$690,000	\$0	\$2,670,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$709,915	\$445,794	\$928,529	\$3,164,695
TDA Article 3-Bicycle Fund		\$299,279	\$43	\$191,012		\$490,334
Gas Tax 2107		\$259,948	(\$68,373)	\$80,000		\$271,575
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$716,806	\$928,529	\$4,115,004

Revision 11 Amount: \$2,070,000

Financing Source	Council Approved Date/Time	2018-19	2019-20	2020-21	2021-22	2022-23	Total
To Be Determined		\$690,000	\$690,000	\$690,000			\$2,070,000
Sub-Total:		\$690,000	\$690,000	\$690,000	\$0	\$0	\$2,070,000

Revision 11		Created By:		REYES, JOYCE I.	
Project Cost after Revision 11: \$4,715,004		Created Date:		4/8/2016 1:54:25 PM	

Financing Source	2017-18	2018-19	2019-20			Total
CDBG Fund	\$600,000					\$600,000
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
Gas Tax 2106						\$0
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$709,915	\$445,794	\$928,529	\$3,164,695
TDA Article 3-Bicycle Fund		\$299,279	\$43	\$191,012		\$490,334
Gas Tax 2107		\$259,948	(\$68,373)	\$80,000		\$271,575
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$716,806	\$928,529	\$4,115,004

Revision 11 Amount: \$174,909

Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
CDBG Fund	01/26/2016 13A	(\$153,620)	\$328,529				\$174,909
Sub-Total:		(\$153,620)	\$328,529	\$0	\$0	\$0	\$174,909

Revision 10		Created By:		REYES, JOYCE I.	
Project Cost after Revision 10: \$4,540,095		Created Date:		12/21/2015 11:14:56 AM	

Financing Source	2017-18	2018-19	2019-20			Total
CDBG Fund	\$600,000					\$600,000
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
Gas Tax 2106						\$0
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$709,915	\$599,414	\$600,000	\$2,989,786
TDA Article 3-Bicycle Fund		\$299,279	\$43	\$191,012		\$490,334
Gas Tax 2107		\$259,948	(\$68,373)	\$80,000		\$271,575

Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$870,426	\$600,000	\$3,940,095

Revision 10 Amount: \$191,012

Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
TDA Article 3-Bicycle Fund	12/08/2015 12G	\$191,012					\$191,012
Sub-Total:		\$191,012	\$0	\$0	\$0	\$0	\$191,012

Revision 9
Project Cost after Revision 9: \$4,349,083

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:55:14 PM

Financing Source	2017-18	2018-19	2019-20	Total
CDBG Fund	\$600,000			\$600,000
TDA Article 3-Bicycle Fund				\$0
Gas Tax 2107				\$0
Gas Tax 2106				\$0
Sub-Total:	\$600,000	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$709,915	\$599,414	\$600,000	\$2,989,786
TDA Article 3-Bicycle Fund		\$299,279	\$43			\$299,322
Gas Tax 2107		\$259,948	(\$68,373)	\$80,000		\$271,575
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$679,414	\$600,000	\$3,749,083

Revision 9 Amount: (\$586)

Financing Source	Council Approved Date/Time	2015-16	2016-17	2017-18	2018-19	2019-20	Total
CDBG Fund	07/21/2015 BT	(\$586)					(\$586)
Sub-Total:		(\$586)	\$0	\$0	\$0	\$0	(\$586)

Revision 8
Project Cost after Revision 8: \$4,349,669

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:50:34 PM

Financing Source	2017-18	2018-19	Total
CDBG Fund	\$600,000		\$600,000
TDA Article 3-Bicycle Fund			\$0
Gas Tax 2107			\$0
Gas Tax 2106			\$0
Sub-Total:	\$600,000	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$709,915	\$600,000	\$600,000	\$2,990,372
TDA Article 3-Bicycle Fund		\$299,279	\$43			\$299,322
Gas Tax 2107		\$259,948	(\$68,373)	\$80,000		\$271,575
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$680,000	\$600,000	\$3,749,669

Revision 8 Amount: \$0

Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
CDBG Fund	05/19/2015 12E	\$69,830					\$69,830
Gas Tax 2107	05/19/2015 12E	(\$69,830)					(\$69,830)
Sub-Total:		\$0	\$0	\$0	\$0	\$0	\$0

Revision 7
Project Cost after Revision 7: \$4,349,669

Created By: REYES, JOYCE I.
Created Date: 9/3/2015 2:44:57 PM

Financing Source	2017-18	2018-19	Total
CDBG Fund	\$600,000		\$600,000
TDA Article 3-Bicycle Fund			\$0
Gas Tax 2107			\$0
Gas Tax 2106			\$0

Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$640,085	\$600,000	\$600,000	\$2,920,542
TDA Article 3-Bicycle Fund		\$299,279	\$43			\$299,322
Gas Tax 2107		\$259,948	\$1,457	\$80,000		\$341,405
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$680,000	\$600,000	\$3,749,669

Revision 7 Amount: \$0

Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
TDA Article 3-Bicycle Fund	01/02/2015 JE	\$43					\$43
Gas Tax 2107	01/02/2015 JE	(\$43)					(\$43)
Sub-Total:		\$0	\$0	\$0	\$0	\$0	\$0

Revision 6
Project Cost after Revision 6: \$4,349,669

Created By: REYES, JOYCE I.
Created Date: 11/24/2014 1:52:38 PM

Financing Source	2017-18	2018-19				Total
CDBG Fund	\$600,000					\$600,000
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
Gas Tax 2106						\$0
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$640,085	\$600,000	\$600,000	\$2,920,542
TDA Article 3-Bicycle Fund		\$299,279				\$299,279
Gas Tax 2107		\$259,948	\$1,500	\$80,000		\$341,448
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$680,000	\$600,000	\$3,749,669

Revision 6 Amount: (\$43,415)

Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
CDBG Fund	11/18/2014 13A	(\$43,415)					(\$43,415)
Sub-Total:		(\$43,415)	\$0	\$0	\$0	\$0	(\$43,415)

Revision 5
Project Cost after Revision 5: \$4,393,084

Created By: REYES, JOYCE I.
Created Date: 8/29/2014 8:58:20 AM

Financing Source	2017-18	2018-19				Total
CDBG Fund	\$600,000					\$600,000
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
Gas Tax 2106						\$0
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$683,500	\$600,000	\$600,000	\$2,963,957
TDA Article 3-Bicycle Fund		\$299,279				\$299,279
Gas Tax 2107		\$259,948	\$1,500	\$80,000		\$341,448
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$685,000	\$680,000	\$600,000	\$3,793,084

Revision 5 Amount: \$0

Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Gas Tax 2107	06/30/2014 BT-Swap w/ TDA	(\$1,652)					(\$1,652)
TDA Article 3-Bicycle Fund	06/30/2014 BT-Swap Gas Tax	\$1,652					\$1,652
Sub-Total:		\$0	\$0	\$0	\$0	\$0	\$0

Revision 4
Project Cost after Revision 4: \$4,393,084

Created By: REYES, JOYCE I.
Created Date: 6/9/2014 10:53:02 AM

Financing Source	2017-18	2018-19					Total
CDBG Fund	\$600,000						\$600,000
TDA Article 3-Bicycle Fund							\$0
Gas Tax 2107							\$0
Gas Tax 2106							\$0
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17		Total
CDBG Fund	\$794,777	\$285,680	\$683,500	\$600,000	\$600,000		\$2,963,957
TDA Article 3-Bicycle Fund		\$297,627					\$297,627
Gas Tax 2107		\$261,600	\$1,500	\$80,000			\$343,100
Gas Tax 2106		\$188,400					\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$685,000	\$680,000	\$600,000		\$3,793,084

Revision 4 Amount: \$0

Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
CDBG Fund	05/20/2014 13B		\$83,500				\$83,500
Gas Tax 2107	05/20/2014 13B		(\$83,500)				(\$83,500)
Sub-Total:		\$0	\$0	\$0	\$0	\$0	\$0

Revision 3
Project Cost after Revision 3: \$4,393,084

Created By: REYES, JOYCE I.
Created Date: 11/21/2013 10:36:03 AM

Financing Source	2017-18	2018-19					Total
CDBG Fund	\$600,000						\$600,000
TDA Article 3-Bicycle Fund							\$0
Gas Tax 2107							\$0
Gas Tax 2106							\$0
Sub-Total:	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17		Total
CDBG Fund	\$794,777	\$285,680	\$600,000	\$600,000	\$600,000		\$2,880,457
TDA Article 3-Bicycle Fund		\$297,627					\$297,627
Gas Tax 2107		\$261,600	\$85,000	\$80,000			\$426,600
Gas Tax 2106		\$188,400					\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$685,000	\$680,000	\$600,000		\$3,793,084

Revision 3 Amount: \$2,565,000

Financing Source	Council Approved Date/Time	2014-15	2015-16	2016-17	2017-18	2018-19	Total
CDBG Fund	11/19/2013 12A	\$600,000	\$600,000	\$600,000	\$600,000		\$2,400,000
Gas Tax 2107	11/19/2013 12A	\$85,000	\$80,000				\$165,000
Sub-Total:		\$685,000	\$680,000	\$600,000	\$600,000	\$0	\$2,565,000

Revision 2
Project Cost after Revision 2: \$1,828,084

Created By: OVERSTREET, ELIZABETH F.
Created Date: 9/18/2013 11:48:25 AM

Financing Source	2017-18						Total
CDBG Fund							\$0
TDA Article 3-Bicycle Fund							\$0
Gas Tax 2107							\$0
Gas Tax 2106							\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17		Total
CDBG Fund	\$794,777	\$285,680					\$1,080,457
TDA Article 3-Bicycle Fund		\$297,627					\$297,627
Gas Tax 2107		\$261,600					\$261,600
Gas Tax 2106		\$188,400					\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$0	\$0	\$0		\$1,828,084

Revision 2 Amount: \$1,033,307

Financing Source	Council Approved Date/Time	2013-14	2014-15	2015-16	2016-17	2017-18	Total
TDA Article 3-Bicycle Fund	10/22/2013 12C	\$297,627					\$297,627
CDBG Fund	10/22/2013 12C	\$285,680					\$285,680
Gas Tax 2106	10/22/2013 12C-From I 127	\$188,400					\$188,400
Gas Tax 2107	10/22/2013 12C-From I 127	\$261,600					\$261,600
Sub-Total:		\$1,033,307	\$0	\$0	\$0	\$0	\$1,033,307

Original Budget Amount: \$794,777

Created By: OVERSTREET, ELIZABETH F.
Created Date: 1/16/2013 10:56:09 AM

Financing Source	Council Approved Date/Time	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	01/15/2013 12E	\$794,777					\$794,777
Sub-Total:		\$794,777	\$0	\$0	\$0	\$0	\$794,777

Financing Source Options

Original Budget Total Amount: \$2,070,000		Total Percentage: 100%	Created By: FINTON, STEVEN J. Created Date: 12/8/2015 3:25:19 PM
Financing Source	Percent	Amount	
CDBG Fund	87%	\$1,800,000	
TDA Article 3-Bicycle Fund	13%	\$270,000	
Revision 1 Project Cost after Revision 1: \$9,215,147			
Revision 1 Amount: \$9,215,147		Created By: OVERSTREET, ELIZABETH F. Created Date: 9/18/2013 11:50:25 AM	
Financing Source	Percent	Amount	
CDBG Fund	42%	\$1,428,400	
Gas Tax 2105	52%	\$1,872,280	
Gas Tax 2103	52%	\$1,872,280	
Gas Tax 2107	52%	\$1,872,280	
General Fund	52%	\$1,872,280	
TDA Article 3-Bicycle Fund	8%	\$297,627	
Original Budget Amount: \$794,777		Created By: OVERSTREET, ELIZABETH F. Created Date: 1/17/2013 2:35:11 PM	
Financing Source	Percent	Amount	
CDBG Fund	100%	\$794,777	

Financing Source - Summary

Project Budget By Funds (Excluding Ongoing cost)

Total Project Cost: \$6,785,004

Financing Source	Life to Date Appropriation	Total Amount
To Be Determined	\$0	\$2,070,000
CDBG Fund	\$2,236,166	\$3,764,695
Gas Tax 2106	\$188,400	\$188,400
Gas Tax 2107	\$271,575	\$271,575
TDA Article 3-Bicycle Fund	\$490,334	\$490,334
Grand Total:	\$3,186,475	\$6,785,004

By Sources/By Fiscal Year (Excluding Ongoing cost)

Total Project Cost: \$6,785,004

Financing Source	2022-23					Total
To Be Determined						\$0
Sub-Total:	\$0	\$0	\$0	\$0	\$0	\$0

Financing Source	2017-18	2018-19	2019-20	2020-21	2021-22	Total
CDBG Fund	\$600,000					\$600,000
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
Gas Tax 2106						\$0
To Be Determined		\$690,000	\$690,000	\$690,000		\$2,070,000
Sub-Total:	\$600,000	\$690,000	\$690,000	\$690,000	\$0	\$2,670,000

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777	\$285,680	\$709,915	\$445,794	\$928,529	\$3,164,695
TDA Article 3-Bicycle Fund		\$299,279	\$43	\$191,012		\$490,334
Gas Tax 2107		\$259,948	(\$68,373)	\$80,000		\$271,575
Gas Tax 2106		\$188,400				\$188,400
Sub-Total:	\$794,777	\$1,033,307	\$641,585	\$716,806	\$928,529	\$4,115,004

Net Changes

Amount: \$5,990,227

Financing Source	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CDBG Fund						\$0
TDA Article 3-Bicycle Fund						\$0
Gas Tax 2107						\$0
To Be Determined	\$690,000	\$690,000	\$690,000			\$2,070,000
Sub-Total:	\$690,000	\$690,000	\$690,000	\$0	\$0	\$2,070,000

Financing Source	2013-14	2014-15	2015-16	2016-17	2017-18	Total
CDBG Fund	\$285,680	\$709,915	\$445,794	\$928,529	\$600,000	\$2,969,918
TDA Article 3-Bicycle Fund	\$299,279	\$43	\$191,012			\$490,334
Gas Tax 2107	\$259,948	(\$68,373)	\$80,000			\$271,575
Gas Tax 2106	\$188,400					\$188,400
Sub-Total:	\$1,033,307	\$641,585	\$716,806	\$928,529	\$600,000	\$3,920,227

Original Budget

Amount: \$794,777

Created By:

OVERSTREET, ELIZABETH F.

Created Date:

1/16/2013 10:56:09 AM

Financing Source	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CDBG Fund	\$794,777					\$794,777
Sub-Total:	\$794,777	\$0	\$0	\$0	\$0	\$794,777

Quarterly Updates

Month Year

Construction began in March 2016 and be ongoing through summer 2016. Staff is coordinating with CDD to provide \$928,529 of CDBG funds for the next phase of this project which will focus on sidewalk repairs in the Downtown Torrance area. CDBG funds will be used as matching funds for the \$2M Active Transportation Program (ATP) grant. ATP funds for design would be available starting July 1, 2016.

Month Year

The construction contract was awarded in December 2015. Construction is anticipated to begin in March 2016 and be ongoing through summer 2016. Staff is coordinating with CDD to provide \$928,529 of CDBG funds for the next phase of this project which will focus on sidewalk repairs in the Downtown Torrance area. CDBG funds will be used as matching funds for an anticipated \$2M Active Transportation Program (ATP) grant. ATP funds would be available starting July 1, 2016.

Month Year

Bids open on October 28, 2015. Construction is scheduled for January through May 2016. Construction will also include sidewalk improvements at 62 Torrance Transit stops City-wide.

Month Year

The 2015-16 Sidewalk Repair Project plans and specifications have been sent to the CDBG grant manager for final review. The project will be advertised for construction following approval of the CDBG grant manager.

Month Year

The investigations for 2015-16 Sidewalk Repair project are complete and staff is preparing the Bid documents. Project will be bid and awarded next quarter.

Month Year

Investigations for 2015-15 Sidewalk Repair for handicap accessibility have begun for Areas 1, 2 & 3. The City's Public Works Inspector is completing investigations and then will work with Streetscape Manager for tree removals needed to complete design.

Month Year

90 days maintenance is complete, and the Notice of Completion has been filed.

Month Year

Construction is 100% complete. 90 day maintenance will extend through September, 2014, at which time we will file the Notice of Completion.

Month Year

Construction is approximately 75% complete. Contractor is currently finishing up sidewalk, curb and gutter repair in North Torrance. Work is scheduled to continue through next quarter.

Month Year

Construction began on December 16, 2013. Trees identified for removal were removed in the Country Hills area. Sidewalk repair and replacement commenced on December 23. Work is scheduled to continue through the end of May 2014.

Month Year

Bids were opened on August 28, 2013 after it was re-bid. Four contractors turned in bid packets. This contract is anticipated to be awarded on October 22, 2013. Construction is anticipated to begin by January 2014 with expected completion date of June 2014.

Month Year

Proposals were received for inspection of the CDBG Sidewalk rehabilitation. Two inspectors were interviewed for consideration. One inspector was selected. Bids received for construction were not accepted and all bids were rejected. This project will be re-bid by end of July.

Month Year

Community Meetings were held on January 24, 2013 in the North Torrance Area and January 31, 2013 in the County Hills Area to discuss the project

scope, schedule and to provide contact information to residents. Both meetings were well received by all that attended. The project went out to bid on March 17, 2013 and a pre-bid meeting is anticipated to be held in the second quarter. Staff solicited proposals for inspection services on March 27, 2013 and anticipates receiving proposals in the second quarter.

Budget vs. Expenses

Last Payroll Update Budget As Of

Expenses

Life To Date Budget - Posted	<u>\$3,186,475.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$3,186,475.00</u>
Actual	<u>\$1,661,004.86</u>
Encumbrances	<u>\$963,425.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$562,045.14</u>

Revenue

Life To Date Budget - Posted	<u>\$3,186,475.00</u>
Life To Date Budget - Unposted	<u>\$0.00</u>
Total Life To Date Budget	<u>\$3,186,475.00</u>
Actual	<u>\$2,006,654.00</u>
Unposted Transaction	<u>\$0.00</u>
Available Budget	<u>\$1,179,821.00</u>

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
SUMMARY BY DEPARTMENT WITH RECENT QUARTERLY UPDATE (ACTIVE PROJECTS)
AS OF MARCH 31, 2016**

FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
	<u>CIT</u>								
FEAP174	Telephone, Voicemail and Fiber Optic Project	2004	\$ 2,184,752	\$ 2,184,752	\$ 1,710,466	\$ 1,883	\$ 472,403	\$ 0	Telephone Scope = Completed. Cabling Scope = The contractor was required to re-perform and conduct new field inspections. The report is pending. Still no payment has been made. The recruitment for the Telecom Supervisor is open. The RFP preparations may be delayed to coincide with the hiring of new staff.
FEAP298	Enterprise-level GIS Data Storage: Pilot Project and Full Implementation	2002	78,500	78,500	70,930	0	7,570	0	No project updates this quarter.
FEAP434	WMS, Work Management System, implementation for City-wide implementation	2006	538,135	538,135	196,398	312,908	28,828	0	Feedback received on preliminary configurations and returned to consultant. Consultant is preparing configuration updates. When updates are received another round of testing will take place. Project is on schedule with completion target of July/August 2016.
FEAP435	Expansion of Web-based GIS for Internet Access	2007	43,000	43,000	18,290	0	24,710	0	No project updates this quarter.
FEAP438	Fire Department Public Address (PA) System	2004	335,000	335,000	317,289	1,858	15,853	0	The additional 12 displays and automation of elights and doors have been completed. Final review and project wrap-up to take place next quarter.
FEAP476	Computerized Document Imaging and Management-City-Wide	2004	435,000	435,000	0	0	435,000	0	CIT and City Clerk's office met to discuss project. Requirements and RFP will be developed for City Clerk Pilot.
FEAP595	Replacement of high volume printers and check processing equipment	2008	37,000	37,000	6,578	0	30,422	0	No project updates this quarter.
FEAP753	Email Archival and Storage	2010	85,000	85,000	0	0	85,000	0	Project pending completion of email archive policy. Reviewing potential use of cloud based Microsoft Office 365 for email and archiving services.
FEAP858	Computer Virtualization Desktop Infrastructure (VDI)	2014	150,000	60,000	35,000	0	25,000	90,000	No updates for this quarter.
FEAP863	Point-to-Point Wireless Local Area Network Replacement	2014	230,000	180,000	42,647	16,814	120,539	50,000	The Fire HQ-to-Airport, McMaster Park-to-City Hall and Fire 6-to-City Yard links (all three) have both been installed. The next round of replacements (Station 2,3,4 & 5) have been selected and will be released to bid in April with completion by mid July.

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
SUMMARY BY DEPARTMENT WITH RECENT QUARTERLY UPDATE (ACTIVE PROJECTS)
AS OF MARCH 31, 2016**

FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP921	Regional ICIS Prime Site	2015	1,000,000	1,000,000	0	0	1,000,000	0	Staff is awaiting final grant approval of the \$1M South Bay Prime Site allocation. FEMA requested additional environmental information. Staff is still holding Motorola's sole source proposal. A draft purchase agreement has been routed for review in anticipation of grant approval.
Sub-Total	CIT		\$ 5,116,387	\$ 4,976,387	\$ 2,397,598	\$ 333,463	\$ 2,245,325	\$ 140,000	
CITY ATTORNEY									
FEAP861	Application Integration Upgrade	2014	\$ 50,000	\$ 50,000	\$ 27,055	\$ 0	\$ 22,945	\$ 0	\$ 0 Pending references from the vendor for site visits and/or reference checks.
Sub-Total	City Attorney		\$ 50,000	\$ 50,000	\$ 27,055	\$ 0	\$ 22,945	\$ 0	
CITY MANAGER									
FEAP195	CitiCABLE Mobile Production Van-Future Cable TV Capital Grant 3 of 5	2002	\$ 200,000	\$ 200,000	\$ 107,505	\$ 0	\$ 92,495	\$ 0	\$ 0 Studio cameras and control room equipment installations have been completed. Staff will begin research of this project.
FEAP426	Television Production System Stage II	2004	200,000	200,000	6,876	0	193,124	0	Project is being reconsidered. Given the few original productions being performed, there would be a very rare opportunity to obtain rights to air in perpetuity.
FEAP651	Acquisition of property-465 Crenshaw Blvd.	2007	600,000	600,000	366,860	0	233,140	0	The construction contract for Phase I - Rough Grading (site grading and storm drain system) will begin in April 2016. Work continues on Phase 2 (building and site development/access) with design expected to be complete in summer 2016.
FEAP658	Expansion of SMART (Special Multi Agency Response Team) Program WEB 2.0	2007	250,000	250,000	47,176	0	202,824	0	22609 Cerise - dumpster service 12 x \$25 = \$300, dumpster to remain a little while longer.
FEAP707		2009	50,000	50,000	30,000	0	20,000	0	Phase III funds are available for future projects that are not known at this time as social media and online resources continues to expand.
FEAP739	Torrance Centennial	2009	416,790	416,790	382,397	0	34,393	0	Additional work still pending - some brick replacements and groundcover to be replaced with paving.

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total		Total Future Appropriation	March 2016 Quarterly Update	
					Expenses	Encumbrance		Remaining Appropriation	Total
FEAP795	Marketing/Recruitment Business Action Plan	2010	50,000	50,000	27,050	0	22,950	0	There was an expenditure of \$591 in November (prior quarter) inadvertently omitted from this report for use of the Toyota Meeting Hall for the Innovation Expo for entrepreneurs. In January 2016 \$424 was spent to assist Smart & Final with their recruitment & new employee orientations. In February \$288 was spent also for Smart & Final recruitment interviews & orientation.
FEAP796	Incentives for New Business Recruiting	2010	150,000	150,000	0	0	150,000	0	No expenditures for this quarter.
FEAP797	Retail Center Occupancy Plan	2010	90,000	90,000	5,496	0	84,504	0	No expenditures for this quarter.
FEAP798	Inception of Downtown Action Plan	2010	30,000	30,000	49	0	29,951	0	No expenditures for this quarter.
FEAP818	Alternate Emergency Operations Center (AEOC) Completion	2013	410,754	410,754	356,926	0	53,828	0	Staff will be looking into reorganizing the EOC to better utilize the space in an emergency (i.e. shelving, and movable equipment etc).
FEAP841	CitiSOUNDS Radio Replacement	2015	50,000	50,000	0	0	50,000	0	Project will begin in 2nd Quarter 2016.
FEAP842	Citywide Website Redesign (CWR) Project II & Content Management Software Replacement	2013	300,000	300,000	0	0	300,000	0	Citywide photography contract was completed 4th quarter. Photographer has begun project. The Project Management Team interviewed the top three vendors and submitted a recommendation to the Ad Hoc Committee for approval on March 15th. An item and contract will be presented to the full City Council in April. The project should begin 2nd quarter 2016. The five year total amount came in under projected budget.
FEAP843	Master Control	2014	320,000	320,000	123,564	0	196,436	0	This portion of Master Control has been completed. A new project is pending approval to fully complete the HD transition and replace decade old SD equipment.
FEAP846	Flat Screen Replacement-Council Chambers	2016	24,000	24,000	0	0	24,000	0	Staff is researching equipment, RFP should be available in 2nd Quarter, with project completed by 3rd Quarter.
FEAP856	Mobil Production Van (addition to #195)	2013	700,000	700,000	0	0	700,000	0	Studio cameras and control room equipment have been completed. Staff will begin research on this project.

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					Expenses	Encumbrance		Remaining Appropriation	Appropriation
FEAP898	Torrance Community Engagement System - Digital Signage and Community Information Displays at Civic Center and other City facilities.	2014	50,000	50,000	38,974	30	10,996		0
									Digital Sign at Civic Center will not be raised by four feet due to costs. Staff will focus on Wilson Park signage initially and depending on the successful bid and project, we may consider relocating Civic Center sign to McMaster Park for east/west traffic and install a new taller sign at civic center.
Sub-Total	City Manager		\$ 3,891,544	\$ 3,891,544	\$ 1,492,873	\$ 30	\$ 2,398,641		\$ 0

COMMUNITY DEVELOPMENT

FEAP186	Field Inspectors Portable GIS/Data Collection Terminals	2000	\$ 58,000	\$ 58,000	\$ 3,588	\$ 0	\$ 54,412		\$ 0
FEAP293	Permit System Evaluation and Consolidation	2003	100,000	100,000	38,898	0	61,102		0
FEAP295	Implementation of a One Stop Permit Center/Remodel of Building and Safety East Annex	2003	2,020,001	2,020,001	1,971,440	204	48,356		0

Due to changes in staffing and the reduction of the Public Works Inspection, testing and configuration of the tablet are still underway. Testing and configuration will be completed by this quarter and prepare to implement new field work order and work flow from accelera.

Staff has identified options/features that need to be enhanced to make the new permitting system more efficient. These features will improve the delivery of customer service to applicants at the Permit Center and also online. During this reporting period, Community Development Department staff has been working with CIT in identifying consultants that could assist with the design and implementation of on-line permit applications.

Staff continues to work on development of services that can be handled online which includes issuance of simple building permit applications online. In the next reporting period, a consultant will be selected that can assist with the development of online permit applications. Remodel of the former Building and Safety offices was completed and some of the office partitions have been put in place. During the next reporting period, additional office partitions and furniture will be purchased in order to complete this phase of the office remodel.

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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP550	Conversion of Archived Construction Drawings to Digital Format	2006	350,000	350,000	0	18,350	331,650	0	CDD staff continues to coordinate with the City Clerk office. The City Clerk's office is exploring an archiving and records system that will encompass more than just the Community Development Department. During this reporting period, Community Development has scanned a small sample of archived records as a trial run.
FEAP551	NPDES MS4 Permit Administration	2006	15,000	15,000	3,270	0	11,730	0	Mandatory citywide training continues and first responder and ICID training is currently underway for the Fire Dept. staff. CDD and Fire Prevention are working with the Santa Monica Bay Restoration Commission in updating and implementing a revised Clean Bay inspection form and training is scheduled for April 2016. Preparing new outreach and training materials for the upcoming Environmental Fair. Attended the County's NPDES Public Outreach Quarterly meeting via webinar on January 27th.
FEAP710	City Historical Building Inventory-Develop Criteria	2007	25,000	25,000	25,000	0	0	0	The City Council adopted the Historic Resource Survey. NOTE FROM FINANCE: Invoice in the amount of \$11,925 was received from the Torrance Historical Society and Museum on April 6, 2016.
FEAP791	City building standards consistent with federal and state requirements.	2010	15,000	15,000	15,000	0	0	0	Preparation work continues for the next code adoption cycle commenced during this reporting period. New building codes will become effective in the early part of 2017. The first batch of the 2015 Building Codes have been purchased and staff is in the process of identifying significant changes in the new codes.
FEAP792	Zoning Code Update	2010	177,432	177,432	1,909	0	175,523	0	Zoning code update continues to be on hold, while staff reviews a potential historic preservation and tree ordinances per direction of city council.
FEAP793	Historical Program Development	2010	80,000	80,000	13,242	0	66,758	0	The historic preservation program went to Council and directed staff to prepare a Request for Proposal to hire a historic preservation consultant. In addition, Council adopted the Historic Resource Survey.
FEAP794	Gateway Program Plan Development	2010	25,000	25,000	0	0	25,000	0	Scope of project was revised. Release of Request for Proposal will be in the next quarter.

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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP799	Green Policy Action	2010	23,000	23,000	15,306	0	7,694	0	In the previous quarter, a total of 10 staff members completed the remaining required training courses to become Green Point Rated Advisors with Build It Green. While only 8 out of 10 participants had received confirmation of their status by the end of the previous quarter, all ten participants have successfully achieved the "Green Point Rated Advisor" status as of this quarter. No additional training took place during this quarter.
FEAP802	Permit/Business License System Upgrade	2012	667,132	667,132	493,947	13,930	159,255	0	As of March 2016, the Permit and Business License project implementation is in production at the Permit Center, Finance department and Community Development Department. Communication and Information Technology is working with Community Development department and Finance to configure online permit and business license applications and payment. Online payments was released for late payment processing and is working effectively. Additional enhancements have been requested as a phase II project. CIT and Community Development met with the vendor to discuss phase II and a cost proposal is being prepared.
FEAP847	Electric Vehicle Public Access Infrastructure Expansion Project	2014	558,671	558,671	274,411	223,083	61,177	0	All four of the remaining active sites have completed construction and have either been energized or are awaiting energization by Southern California Edison. Wilson Park was energized on March 11, 2016. The remaining three sites, Columbia Park, Walteria Park and Library, and the Downtown Torrance Parking Lot, are all awaiting energization. SCE has indicated that these three sites will be energized early next quarter. An invoice for equipment in the amount of \$218,902.29 was submitted to the California Energy Commission (CEC) in January. The invoice also included a match funding commitment of \$49,639.19, which will be funded by the MSRC at the completion of the project. The invoice was approved by the CEC and submitted to the State Controller's Office for payment on February 26, 2016. The reimbursement to the City from the CEC is expected early next quarter.
Sub-Total	Community Development		\$ 4,114,236	\$ 4,114,236	\$ 2,856,011	\$ 255,567	\$ 1,002,657	\$ 0	

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COMMUNITY SERVICES									
FEAP148	Columbia Park Upgrades	1999	\$ 359,386	\$ 359,386	\$ 51,942	\$ 16,669	\$ 290,775	\$ 0	The walkway path project final design, construction plan, and construction documents are nearly complete. Community Services Staff and General Services Project Managers are working on the procurement timeline for the construction phase of the project.
FEAP337	McMaster Park Redevelopment	2006	2,557,901	2,557,901	2,339,049	197,158	21,694	0	During the period, staff have worked on furniture, lighting, and window enhancements in anticipation of the recreational programming scheduled to return to McMaster Park.
FEAP340	Park Services Maintenance & Storage Building @ Wilson Park	2003	52,921	52,921	31,921	0	21,000	0	There has been no activity on this project during the quarter.
FEAP341	Gazebo Renovation	2004	350,000	350,000	40,485	6,595	302,920	0	BOA architects have turned in a construction document package at 90%. Staff from both the General Services and Community Services Departments have reviewed them and provided the architects with comments. When all issues are resolved, the documents will go to the building department.
FEAP602	"Red Car" Restoration	2006	50,000	50,000	0	0	50,000	0	There has been no activity on this project during the quarter.
FEAP621	Southeast Branch Library Homework Center	2006	40,000	40,000	21,626	0	18,374	0	There are no updates for this project.
FEAP623	Branch Libraries - Replace Stacks	2006	620,000	620,000	619,326	0	674	0	There are no updates for this project.
FEAP725	Branch Libraries Refurbishment	2009	20,000	20,000	19,663	0	337	0	There are no updates for this project.
FEAP727	ExxonMobil Anniversary Grant -North Torrance Library Renovation/Enhancements	2009	94,000	94,000	83,357	6	10,637	0	The Homework Center continues to be well utilized. Library Staff expended \$471.12 on 3/10/2016 for supplies.
FEAP773	Air Conditioner Installation	2012	60,000	60,000	0	0	60,000	0	There has been no action on this project during the period.
FEAP810	Pueblo Park Renovation Project	2012	532,628	532,628	532,628	0	0	0	Los Angeles County Department of Regional Parks has made its inspection. City staff are working closely with the County grant manager to complete the grant payment and close out paperwork process.

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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP834	Wilson Park Landscaping Project	2013	534,572	534,572	0	0	534,572	0	There has been no activity on this project during the quarter.
FEAP835	Park Playground Equipment and Parts Replacement	2013	628,587	438,587	265,171	2,983	170,433	190,000	Public meetings have been held to generate input for new equipment at Los Arboles Park. If approved by City Council in April, the new equipment is planned to be installed by early June 2016. New designs are also being developed for Wilson Park. Park Services staff are conducting a survey of the condition of all of the older play equipment to see if the replacement schedule needs to be updated. The target date for the condition report is May 2016.
FEAP838	Madrona Marsh Nature Center Preserve Enhancement	2013	714,220	714,220	49,360	34,040	630,820	0	The designs and construction documents are on target to be ready for review in April 2016. Since the last update, meetings with the static display firm will begin in April. It is anticipated that the static displays will be implemented by October 2016.
FEAP840	Park Bench and Table Replacement	2013	50,000	30,000	29,544	0	456	20,000	No activity on this project occurred due to the Parks Services Division's focus on the damage done during the significant wind event. Efforts to rectify the damaged trees and sports lighting at Wilson Park took precedence during the rest of February and March.
FEAP879	555 Maple Ave. Field Equipment and Donor Wall Project	2014	103,950	103,950	85,018	0	18,932	0	Staff are preparing lists of equipment needed for the upcoming program year. Since the activity levels are seasonal, equipment purchases will be staggered throughout the year as needed.
FEAP882	Toyota Sports Complex Field Maintenance and Replacement	2014	500,000	500,000	154,670	0	345,330	0	There has been daily maintenance activity on the facility, but no changes to the project during the quarter.
FEAP909	Repair and Replace Trusses	2015	791,000	791,000	34,675	3,820	752,505	0	Electrical portion of work awarded in March 2016 with June 2016 completion scheduled. Demolition specifications in preparation for bid in April-June 2016. Demolition expected mid-2016. Replacement phase design work to be accomplished after demolition is complete.
FEAP914	Bocce Courts Installation at Columbia Park	2015	101,493	101,493	4,500	0	96,993	0	The Request for Proposal for the Bocce Courts construction will be completed in a few weeks. It is anticipated that construction on the amenity will be completed by September 2016.

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					Expenses	Encumbrance		Remaining Appropriation	0	
FEAP926	Pond Retrofit Project	2015	510,000	510,000	0	0	510,000	0	The Request for Proposal for the design of the retro fit of the pond, hardscape, and splash pad is being developed. Research on biofiltration technology and design is being conducted by the City's Naturalist. Staff anticipate construction could occur in the summer and early fall. Los Angeles County Regional Parks and Open Space District has officially awarded the City \$300,000 in Prop A funds for the project to be used on the Splash Pad element.	
FEAP927	Library Wireless Enhancement Project	2016	113,975	113,975	0	0	113,975	0	Staff continue to move forward on this project in collaboration with the Communication and Information Technology Department and Califa to determine the best avenue to acquire the necessary equipment and develop an implementation timeline.	
Sub-Total	Community Services		\$ 8,784,633	\$ 8,574,633	\$ 4,362,935	\$ 261,271	\$ 3,950,427	\$ 210,000		
FINANCE										
FEAP119	Acquisition of a city-wide financial system	2005	\$ 658,274	\$ 658,274	\$ 516,387	\$ 0	\$ 141,887	\$ 0	No project updates this quarter.	
FEAP864	Workers Compensation System Replacement	2014	466,000	466,000	453,173	1,058	11,770	0	Workstation encryption is being installed and SQL database encryption testing is in process.	
Sub-Total	Finance		\$ 1,124,274	\$ 1,124,274	\$ 969,560	\$ 1,058	\$ 153,657	\$ 0		
FIRE										
FEAP122	Fire Department Training Center	2000	55,000	55,000	0	0	55,000	0	No change.	
FEAP302	Fire Station 4 Remodel	2006	314,600	314,600	0	0	314,600	0	No change.	
FEAP848	Replacement of 3 Fire Engines	2015	1,830,000	588,523	585,391	0	3,132	1,241,477	Around March 23, 2016, Torrance Fire Department staff flew to Wisconsin to perform the final inspection on the new fire engine that was ordered from Pierce. The final inspection was performed and a very short list of items to correct was generated. The fire engine should leave the factory this week (by the beginning of April) and will be driven by Pierce to California.	
Sub-Total	Fire		\$ 2,199,600	\$ 958,123	\$ 585,391	\$ 0	\$ 372,732	\$ 1,241,477		

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GENERAL SERVICES									
FEAP444	Replacement of Emergency Generator / Day Tank	2004	55,000	55,000	10,322	0	44,678	0	0 Staff will schedule after priority projects have been addressed. Tentative 2017-2018.
FEAP445	Underground Storage Tank Upgrades	2004	1,538,699	1,538,699	738,699	0	800,000	0	Project resolicited for design and construction as one package in 2017 after completion of CNG projects for Fleet & Transit.
FEAP454	Repair Ventilation, PD firing range	2008	40,000	40,000	845	0	39,155	0	This project will be addressed after energy projects (FEAP #751) have been completed.
FEAP459	Project Title: Repair HVAC Fans and Motors, Civic Center Library	2008	50,000	50,000	0	0	50,000	0	Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.
FEAP553	Fleet Services Heavy-Duty Vehicle Hoist and CNG Building Conversion	2006	800,000	800,000	0	0	800,000	0	Design/build proposals have been received and are currently under review for award of project.
FEAP562	Abatement at Various City Buildings	2006	25,000	25,000	23,934	0	1,066	0	There is a balance of \$ 1,616 in FEAP 562 which can be used if repairs are needed that include abatement . Staff respectively requests that this FEAP remains open.
FEAP591	Painting of Various City Buildings	2007	220,000	190,000	113,360	0	76,640	30,000	This is an on-going FEAP.
FEAP592	Painting of Civic Center and Parks Facilities	2007	295,000	215,000	123,213	1,360	90,427	80,000	This is an on-going FEAP.
FEAP604	Various City Buildings- Boiler Replacement	2009	100,000	100,000	0	0	100,000	0	Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.
FEAP605	Building and Safety- Heat Pump	2009	15,000	15,000	0	0	15,000	0	Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.
FEAP606	Various City Buildings- Air Conditioning Units	2009	95,000	95,000	0	0	95,000	0	To be closed in conjunction with FEAP 751 - Energy Projects. Final closeout will be done at that time.
FEAP607	Electrical Panel Testing- Various City Buildings	2009	70,000	70,000	0	0	70,000	0	Project requirements under review. No schedule is available at this time. Buildings covered: City Yard, Southeast Library, Civic Center Library, Fire Station #6

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FEAP609	Transit Building- Radiant Heater	2010	20,000	20,000	0	0	20,000	0	To be cancelled due to CNG Project FEAP 823.
FEAP611	Greenwood Bldg.-A/C Unit	2010	50,000	50,000	0	0	50,000	0	Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects for economy of scale and accelerated completion.
FEAP711	ADA Compliance	2009	1,300,293	1,300,293	1,028,779	0	271,514	0	To be consolidated with other ADA Projects (FEAP 920).
FEAP751	Energy Projects	2010	2,425,969	2,425,969	2,105,982	19,987	300,000	0	Project is complete, working on final billing and closeout of project.
FEAP754	TCAC Facility Repairs and Equipment	2010	199,823	199,823	155,668	6,530	37,625	0	New tables and chairs to be purchased in 4th quarter 2015-16
FEAP852	Replace Roof City Yard Services Building	2015	920,000	230,000	0	0	230,000	690,000	Project is funded over four fiscal years 2015-16 to 2018-19, preparations toward scope of work and specifications will not start until close to fully funded.
FEAP853	Executive Hangar Gutter and Roofing Project	2013	65,000	65,000	0	0	65,000	0	No change from December 2015 update
FEAP854	Executive Hangar Door Replacement	2013	25,000	25,000	0	0	25,000	0	Project to begin in 4th quarter FY 2015-16
FEAP867	Repair Water and Sewage Lines-Greenwood Park	2014	100,000	100,000	0	0	100,000	0	Scheduled for 2016.
FEAP868	Various Fire Station Repairs	2014	210,000	210,000	3,649	9,548	196,803	0	Fire to schedule time to close Fire Station #3 and Fire Station #6 for termite tenting.
FEAP869	Replace Various Heating and Air Conditioning (HVAC) units within City Facilities	2014	125,000	125,000	0	0	125,000	0	Staff is currently assessing scope of work for preparation of an RFP for engineering consultant to design the plans. This project will be combined with several other HVAC FEAP projects (459, 604,605,609, 610,611, 869) for economy of scale and accelerated completion.
FEAP877	Equipment replacement at Airport	2014	20,000	20,000	9,452	0	10,548	0	Staff will purchase dollies in 4th quarter 2015-16
FEAP901	Armstrong Theatre Green Room and Cast Restroom Remodel	2015	300,000	300,000	0	0	300,000	0	No change from December 2015 update: Staff to begin design of Green Room and Cast Restroom remodel
FEAP902	Nakano Theatre Restrooms	2015	150,000	150,000	0	0	150,000	0	No change from December 2015 update: Staff to begin design of restroom in Nakano lobby
FEAP903	Armstrong Theatre Sound and Lighting Upgrade	2015	300,000	300,000	12,457	0	287,543	0	Additional sound equipment purchased. Specs continue to be developed for sound and lighting project for bid opening.

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FEAP904	Carpet Replacement at Cultural Arts Center	2015	80,000	80,000	0	0	80,000	0	Award of contract anticipated 3rd quarter 2015-16. Installation in 4th quarter 2015-16.
FEAP905	Curtain Replacement for Cultural Arts Center	2015	50,000	50,000	36,204	0	13,796	0	Meeting hall curtain installation to be completed in 3rd quarter 2015-16
FEAP906	Sealing of External Walls at Cultural Arts Center	2015	100,000	100,000	0	0	100,000	0	No change from December 2015 update: Areas of deterioration have been identified and immediate attention is needed for small sections. Staff is working to complete this. Full scope of project to be determined after small repairs have been done.
FEAP907	Retile Fountain and Seating Area-Renovate City Hall Plaza	2015	200,000	200,000	0	10,000	190,000	0	conceptual design in progress with SEED Group of Torrnce design to follow in 2016 construction in 2016-2917
FEAP908	Replacement of Wall Baffling in Armstrong Theatre	2015	30,000	30,000	0	0	30,000	0	No change from Dec 2015 update: Staff has begun researching material for baffling replacement
FEAP919	Shade Canopy for Torino Plaza	2015	500,000	500,000	0	0	500,000	0	Community input will be gathered prior to beginning design of shade canopy. Anticipated meeting with community groups in 4th quarter 2015-16
FEAP920	ADA accessibility upgrades	2015	1,612,500	225,000	0	0	225,000	1,387,500	No schedule at this time.
Sub-Total	General Services		\$ 12,087,284	\$ 9,899,784	\$ 4,362,564	\$ 47,425	\$ 5,489,795	\$ 2,187,500	
HUMAN RESOURCES									
FEAP291	Citywide Training Reserve	2001	\$ 313,749	\$ 313,749	\$ 154,057	\$ 0	\$ 159,692	\$ 0	No activity to report.
Sub-Total	Human Resources		\$ 313,749	\$ 313,749	\$ 154,057	\$ 0	\$ 159,692	\$ 0	
POLICE									
FEAP383	Asset Forfeiture	2002	\$ 433,600	\$ 433,600	\$ 341,460	\$ 42,536	\$ 49,604	\$ 0	Ongoing program. FEAP holds appropriated asset forfeiture funds for small, miscellaneous projects.
FEAP490	Miscellaneous Projects Vehicle Training Program	2004	71,194	71,194	54,009	0	17,185	0	Ongoing program. Police driver training ongoing throughout the year.
FEAP535	Public Safety CAD/RMS/MDC System Replacement	2005	2,621,591	2,621,591	2,501,310	0	120,281	0	Ongoing assessment of vendor software modules.
FEAP569	EOC Enhancement	2006	105,800	105,800	100,520	0	5,280	0	Ongoing project. FEAP funds used to update equipment and supplies in City EOC.

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP639	NIMS/SEMS Training	2007	70,000	70,000	53,608	0	16,392	0	Ongoing program. Funds incident/emergency management training for new employees.
FEAP746	Female Officers/Supervisors Locker Room	2010	383,947	383,947	54,013	24,989	304,946	0	Construction contract awarded in February 2016. Onsite work will start after contractor and subcontractor pass background checks.
FEAP779	Jail Lock Control Panel	2012	60,000	60,000	0	0	60,000	0	Staff reviewing vendor proposals
FEAP822	Police Facility Security	2013	173,187	173,187	143,057	0	30,130	0	Installed cameras in jail area. Staff reviewing vendor proposals.
FEAP859	Field Support Office Reconfiguration	2013	156,240	156,240	0	0	156,240	0	Staff performing a needs analysis on equipment storage.
FEAP870	Upgrade UPS at Police Department	2015	350,000	350,000	99	36,500	313,401	0	Design underway with Breen Engineering of Torrance estimated bid date in 2016 construction in 2016-2017
FEAP871	Replace Emergency Generators-Police Department	2014	250,000	250,000	0	0	250,000	0	No schedule at this time.
FEAP911	2014 UASI - Personal Protective Equipment	2015	94,750	94,750	51,259	40,254	3,238	0	Procurements ongoing.
FEAP913	Special Investigations Division Renovation	2015	130,000	130,000	113,415	0	16,585	0	Final procurements pending.
FEAP917	Mobile Command Vehicle	2015	825,000	825,000	82,200	724,463	18,337	0	Purchase Order awarded in March 2016. Build in progress.
FEAP918	Body Camera Pilot Project	2015	50,000	50,000	0	0	50,000	0	Staff has started testing and evaluation of products.
FEAP923	2016 STEP Grant - DUI Checkpoint Trailer	2015	35,000	35,000	0	32,507	2,493	0	Requisition was submitted and Purchasing to obtain quotes.
FEAP925	National Institute of Justice (NIJ) Challenge Prize - Tablets	2015	50,000	50,000	1,040	1,242	47,718	0	Award received, testing of tablets to proceed.
FEAP930	Field Tactical & Enforcement Equipment; Facility Equipment, Software Maintenance and Bike Trailer	2016	109,450	109,450	0	104,603	4,847	0	Approval of allocation of the remaining balance of COPS grant on March 1, 2016. Procurement of items has begun to be completed by June 30, 2016.
Sub-Total	Police		\$ 5,969,759	\$ 5,969,759	\$ 3,495,990	\$ 1,007,094	\$ 1,466,677	\$ 0	

PUBLIC WORKS

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining		Total Future Appropriation	March 2016 Quarterly Update
							Appropriation	Encumbrance		
FEAP574	NPDES Permit and TMDL Compliance for Santa Monica Bay Beaches and Dominguez Channel	2006	\$ 840,393	\$ 840,393	\$ 831,228	\$ 0	\$ 9,165	\$ 0	\$ 9,165	0 The CIMP MOU was approved by the City of Torrance. CIMP MOU invoice is pending. Final EWMP submitted to Board for approval. Beach Cities staff now working on cost sharing MOU. Beach Cities are submitting a grant application for the Hermosa Beach Filtration Trench project for design. MOU would need to be in place to cost share the matching funds.
FEAP616	Airport Security Project	2002	2,165,000	2,165,000	2,117,649	32,202	15,148	32,202	15,148	0 Contractor continues to perform troubleshooting of false alarms for forced gate entries and gates left open too long.
FEAP629	Enhanced Water Conservation Programs	2006	190,000	190,000	49,031	32,500	108,469	32,500	108,469	0 Beginning in June 2015, all water agencies with 3,000 or more services were required to reduce potable (drinking water) water use in accordance with tiered reduction target assigned by the State Water Resources Control Board (SWRCB). Torrance Municipal Water's (TMW) reduction tier reduction program this goal has been met, due to the outstanding conservation efforts of municipal customers. Although the drought emergency has not officially ended, abundant snowpacks in the key Sierra watersheds in northern California and the Colorado River Basin my result in less stringent water use reductions being adopted by early Spring. TMW will hosting new round of California Friendly Landscape workshops, another rain barrel distribution event and will be participating in a number of community events during the spring.
FEAP781	GPS Vehicle Tracking, Routing Optimization System for Sanitation Fleet	2012	67,000	67,000	51,717	8,644	6,640	8,644	6,640	0 Remaining funds in FEAP781 will be used to install the GPS units as needed.
FEAP782	Madrona Marsh Sump Dredging	2012	328,753	328,753	327,666	0	1,087	0	1,087	0 The contracts for Madrona Marsh Sump Dredging have been closed out. This project should have been closed out.
FEAP784	Overhead Lighting Replacements at City of Torrance Parks and City properties	2012	300,000	300,000	178,097	11,738	110,165	11,738	110,165	0 Replacements lighting (Overhead, Safety) at various parks were completed as needed. Safety lights were installed at various intersections as needed.

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP800	Optimize Weekly Street Sweeping Program	2012	883,000	883,000	66,827	0	816,173	0	Plans are significantly complete. It is expected that the project would be advertised for construction bids in April 2016. Anticipated construction for 6 months.
FEAP819	Van Ness Avenue Well Field Pilot Wells	2013	799,115	799,115	798,427	18	670	0	Staff may need to evaluate an alternative well site for the Van Ness Avenue Well Field Project. Therefore this project will remain open until such time as Regional Board and DOHS provides permits for the project.
FEAP851	El Retiro Park and Henrietta Pump Station Facilities for Permanent Backup Generator Equipment	2013	125,000	125,000	0	0	125,000	0	Due to other priorities and staff vacancies, this project is currently on hold. Work is expected to begin in first half of 2018.
FEAP890	Beverage Container Recycling Grant	2014	156,107	156,107	121,457	0	34,650	0	Funds will be used to purchase new 96 gallon blue colored recycling containers so that City recycling has a more standardized appearance. The blue containers will start to replace the original grey recycling containers that were issued over 15 years ago. Funds will continue to be used to continue distribution of corrugated plastic recycling containers to businesses and community organizations.
FEAP916	Asphalt Paver LeeBoy 7000B	2015	125,000	125,000	0	121,377	3,623	0	Asphalt Paver was ordered, delivery scheduled for May 2015.
Sub-Total	Public Works		\$ 5,979,368	\$ 5,979,368	\$ 4,542,099	\$ 206,479	\$ 1,230,790	\$ 0	

FEAP266	TRANSIT AVL System (CMAQ)	2000	\$ 2,535,607	\$ 2,535,607	\$ 1,910,924	\$ 606,762	\$ 17,921	\$ 0	Project is presently on scheduled for a 6/30/2016 completion. The 24 aforementioned buses have been delivered and a presently being prepared for revenue service. AVL equipment is being installed on these vehicles. Project will be completed at the end of June with final invoice and closeout completed during July 2016.
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**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
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AS OF MARCH 31, 2016**

FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
FEAP405	Transit Enhancements	2002	731,500	731,500	323,506	0	407,994	0	The second phase of the project is moving forward the purchase of bus signage and trash receptacles which will occur during this quarter and the next quarter. RFP for signage fabrication and installation to be released in April 2016. e next quarter. The final phase of the project which is the purchase and installation of bus shelters will follow after the second phase has been completed. Twenty-nine new bus shelters will be installed along the Line 3 Rapid Route per an MOU with LACMTA during CY2016.
FEAP581	Transit Department Remodel	2006	400,000	400,000	305,287	90,654	4,059	0	Phase one of the project is complete. Phase two will begin in the near future under a new FEAP/Capital Project Number.
FEAP720	Replacement of Five (5) Relief Vehicles	2008	150,000	150,000	0	0	150,000	0	A list of the replacement vehicles have been forwarded to the General Services fleet manager. The fleet manager is finalizing the last remaining requirements and specifications and anticipated that a bid request will be issued during the first quarter of CY2016. Project was delayed due to difficulty with identifying a vehicle type that meets all Federal requirements for purchase.
FEAP721	Acquire Hardware and Software	2008	63,000	63,000	0	0	63,000	0	Project is on schedule for 6/30/2016 completion.
FEAP764	Torrance Transit Park and Ride Regional Transit Terminal	2011	21,664,119	21,664,119	6,767,197	2,740,044	12,156,878	0	The construction contract for Phase I - Rough Grading (site grading and storm drain system) will begin in April 2016. Work continues on Phase 2 (building and site development/access) with design expected to be complete in summer 2016.
FEAP801	Transit Rapid Bus Signal Priority Project	2012	2,875,000	2,875,000	1,691,302	928,788	254,910	0	Project completion date extended to June 30, 2016. Project should be completed during the last week of May or first week of June with closeout by June 30, 2016.
FEAP805	Twenty- seven (27) Compressed Natural Gas (CNG) Bus Replacements	2012	4,997,741	4,997,741	4,970,159	0	27,582	0	Contract for the purchase of 24 compressed natural gas buses was awarded on December 8, 2015 by Torrance City Council. Contract is with New Flyer of America. Bus have been constructed and delivered and a presently being prepared for revenue service. Project is complete.

**FACILITIES, EQUIPMENT & AUTOMATION PROJECTS (FEAPS)
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FEAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining		Total Future		March 2016 Quarterly Update
							Appropriation	0	907,032	Appropriation	
FEAP823	Maintenance Facility Compressed Natural Gas (CNG) Retro-fit	2011	937,000	937,000	29,968	0	0	907,032	0	0	Projects 823, 824 and 825 are related. RFP for this project will be released during the 1st Quarter of Calendar Year 2016. RFP's are currently being reviewed and graded and contract award is anticipated for third quarter of CY2016, construction in the fourth quarter, and completion by the 1st quarter of FY2017.
FEAP824	Purchase and Installation of a Garage Hoist	2011	150,000	150,000	0	0	0	150,000	0	0	Projects 823, 824 and 825 are related. RFP for this project will be released during the 1st Quarter of Calendar Year 2016. RFP's are currently being reviewed and graded and contract award is anticipated for third quarter of CY2016, construction in the fourth quarter, and completion by the 1st quarter of FY2017.
FEAP825	Purchase Fall Restraint System	2011	75,000	75,000	0	0	0	75,000	0	0	Projects 823, 824 and 825 are related. RFP for this project will be released during the 1st Quarter of Calendar Year 2016. RFP's are currently being reviewed and graded and contract award is anticipated for third quarter of CY2016, construction in the fourth quarter, and completion by the 1st quarter of FY2017.
FEAP922	Construction of 29 bus shelters along Transit's Line 3 Rapid Bus Line	2015	880,000	880,000	0	0	0	880,000	0	0	Project is related to FEAP 405 Transit Enhancements. The second phase of the project is proceeding with the purchase of bus signage and trash receptacles which will occur during this quarter and the next quarter. The final phase of the project which is the purchase and installation of bus shelters will follow after the second phase has been completed. Twenty-nine new bus shelters will be installed along the Line 3 Rapid Route per an MOU with LACMTA during CY2016.
FEAP924	Purchase of 24 CNG Buses	2015	14,005,762	14,005,762	4,760,805	7,916,148	1,328,809	0	0	0	This project is related to FEAP 805. New buses have arrived and are being prepared for revenue service. Project is essentially completed as of 3/31/16, however, Transit will hold this FEAP open until all invoices are paid.
Sub-Total Transit			\$ 49,464,729	\$ 49,464,729	\$ 20,759,148	\$ 12,282,396	\$ 16,423,185	\$ 0			
Grand Total City Wide			\$ 99,095,563	\$ 95,316,586	\$ 46,005,281	\$ 14,394,783	\$ 34,916,523	\$ 3,778,977			

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**INFRASTRUCTURE ACTION PLAN PROJECTS (IAPS)
SUMMARY BY DEPARTMENT WITH RECENT QUARTERLY UPDATE (ACTIVE PROJECTS)
AS OF MARCH 31, 2016**

IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
<u>COMMUNITY DEVELOPMENT</u>									
A 006	Western Avenue (Side-On/Back-On Project)	1998	\$ 60,000	\$ 60,000	\$ 0	\$ 0	\$ 60,000	\$ 0	\$ 0 Staff is continuing efforts to combine project with IAP T-142, Western Avenue and Sepulveda Boulevard Intersection Improvements for cost savings. With the IAP T-142 pushed to outer years due to funding, staff has requested that this project coincide with the intersection improvement project, FY 2019-20.
A 117	Sartori Avenue Decorative Lighting	2012	100,000	100,000	0	56,724	43,276	0	Construction has begun and should be complete by next quarter.
A 158	Downtown Torrance - Rehabilitation of Site Amenities/Street Furniture, Street Lighting and Signage Program	2014	623,573	623,573	0	0	623,573	0	The City Manager's Office and the Public Works Department are currently evaluating a potential City owned Street Lighting System in the downtown Torrance area. The street lighting improvement component of A-158 Downtown Torrance Rehab. will be coordinated with that project.
T 115	Downtown Torrance Pedestrian Improvement Project	2012	2,038,000	2,038,000	97,795	0	1,940,205	0	On March 1, 2016, City Council adopted a Resolution approving program supplement agreement to administer agency state agreement for federal-aid projects with the state of California for the project.
Sub-Total Community Development			\$ 2,821,573	\$ 2,821,573	\$ 97,795	\$ 56,724	\$ 2,667,054	\$ 0	
<u>PUBLIC WORKS</u>									
I 038	Downtown Sewer Trunk Line Replacement (Phase II-North)	1998	\$ 1,200,000	\$ 1,200,000	\$ 443,847	\$ 0	\$ 756,153	\$ 0	Work on I-138 & I-60 is on hold due to staff work load.
I 061	Miscellaneous Sewer Main Improvements	2000	3,300,000	3,300,000	3,205,558	91,820	2,623	0	On February 23, 2016, Council approved an amendment to the public works agreement with Ramona, Inc. to increase the contract amount in order to perform the necessary repairs to the sewer in the alley behind Border Avenue (north of Carson Street). The work is complete. Staff is now working on close out tasks.
I 074	Water Main Replacement, Northwest Torrance	2002	800,000	800,000	767,086	15,522	17,392	0	Water Operations has completed 85% of the I-74 residential water main replacements. Crenshaw and Van Ness Avenue water main replacements included in the I-74 plans will be built by a Contractor. The work to bid and construct the Crenshaw Blvd., Van Ness Avenue and Artesia Alley parts of this project are on hold due to staffing.

**INFRASTRUCTURE ACTION PLAN PROJECTS (IAPS)
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IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
I 077	Madrona Marsh Rehabilitation and Enhancement Project	2003	1,126,330	1,126,330	1,113,426	12,333	571	0	The Purchase Order issued to expend the remaining funds was for two years. This project needs to stay open till December 2017.
I 094	2007-2018 Residential Street Rehabilitation	2006	7,867,927	7,867,927	3,804,002	126,610	3,937,316	0	On February 23, 2016, Council approved a consulting services agreement with CivilSource to perform design services for the rehabilitation of 177th Street between Hawthorne Boulevard and Prairie Avenue.
I 102	Stormwater Basin Enhancement Program	2006	5,595,766	5,595,766	5,188,979	267,901	138,886	0	Final Report for the State Grant was submitted for the Grant Manager review. Approval for the Final Report is required to release grant retention funds.
I 103	Plaza del Amo Design/Environmental Impact Report Project	2006	350,000	350,000	0	0	350,000	0	The City Manager's Office and Community Development continue their discussions with Torrance Unified School District (TUSD) over impacted right-of-way as this connection bifurcates the TUSD maintenance facility and parking lot fronting Plaza Del Amo.
I 110	Machado Lake Watershed Best Management Practices for Nutrient and Toxics TMDLs (Water Quality Monitoring & Reporting Plan)	2011	703,683	703,683	670,593	31,077	2,014	0	Staff has requested a Scope of Work from Northgate Environmental Management that combines the Machado Lake TMDL monitoring with the Basin monitoring so one RFP can be issued. The Machado Lake BMP Implementation Plan was revised per Board staff comments to be upgraded to the Machado Lake EWMP. The Machado Lake EWMP was resubmitted on time and the City is waiting for final approval by the Board. A grant application has been submitted for design of A3 Airport Basin. The Cities of Palos Verdes Estates, Rancho Palos Verdes, Rolling Hills Estates and the County have requested that A3 Airport Basin be expanded to include stormwater from their watersheds and have agreed to provide a pro-rated share of the required matching funds.
I 114	Undergrounding of Overhead Utilities and Installation of Underground Street Lights along Del Amo Blvd between Henrietta and Victor; and Van Ness	2011	202,617	202,617	202,617	0	0	0	Staff is negotiating a settlement agreement w/SCE to establish the costs for each agency. Waiting for SCE to provide estimate for civil work, as well, related to the removals.
I 120	Crenshaw Boulevard Rehabilitation (Sepulveda Blvd to Skypark Dr & Pacific Coast Highway to south City limit)	2012	3,570,000	3,570,000	257,282	36,142	3,276,576	0	In March, staff requested an additional \$500,000 +/- of federal funds for construction of this project and is awaiting approval from Caltrans and FHWA for construction of the overall total of \$2,000,000 +/- of federal funds. It is anticipated that the project will be advertised for bid in April 2016.

**INFRASTRUCTURE ACTION PLAN PROJECTS (IAPS)
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IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
I 121	Palos Verdes Blvd Rehabilitation (Pacific Coast Highway to south City limit)	2012	3,481,880	3,481,880	3,103,851	26,687	351,341	0	The design for change order work is 90% complete. The additional work will install a curb ramp between the Palos Verdes Boulevard service road and Palos Verdes Blvd at Via Monte D'Oro. It will also reduce the width of the center median on Calle Miramar at Palos Verdes Boulevard, remove the existing asphalt in the median and replace it with decorative stones to match those along Palos Verdes Boulevard.
I 122	Madison Street and Skypark Drive Rehabilitations	2012	1,510,342	1,510,342	1,322,371	0	187,971	0	All contracts closed-out. Staff will charge labor to the remaining account balances over the next quarter.
I 124	Bridge Preventative Maintenance Program	2012	186,000	186,000	50,000	0	136,000	0	The City fulfilled their funding requirement of the local match. The County is preparing the environmental documents and plans on providing 100% complete plans to the City next quarter for review.
I 126	Airport Pavement Maintenance Program	2012	1,117,440	1,117,440	195,991	5,000	916,449	0	Pavement rehab method determined. Plans and specs being prepared. Construction Summer 2016.
I 132	Amie Basin Pump Station Upgrades	2012	1,500,000	1,500,000	54,314	23,460	1,422,226	0	The Consultant is currently working to determine a construction schedule based on SCE schedule for installing a new transformer and lead time for pumps and panels. Construction of the Amie Basin Pump Station Upgrades may be deferred to Summer 2017.
I 133	Pacific Coast Highway Improvements	2012	1,648,070	1,648,070	97,181	6,940	1,543,949	0	Staff met with Caltrans and resubmitted plans to address their comments. The encroachment permit was issued on March 30, 2016. Staff anticipates finalizing the specifications and advertising the project for bid next quarter.
I 134	Madison Storm Drain Pipeline Replacement	2012	58,254	58,254	0	0	58,254	0	A request for quotations (RFQ) was issued for this project. Staff anticipates issuing a purchase order next quarter to perform the work so the improvements can be constructed prior to the 2016 residential slurry seal project beginning in this area.
I 135	Sidewalk Repair for handicap accessibility	2013	4,715,004	3,186,475	1,661,005	963,425	562,045	1,528,529	Construction began in March 2016 and be ongoing through summer 2016. Staff is coordinating with CDD to provide \$928,529 of CDBG funds for the next phase of this project which will focus on sidewalk repairs in the Downtown Torrance area. CDBG funds will be used as matching funds for the \$2M Active Transportation Program (ATP) grant. ATP funds for design would be available starting July 1, 2016.

INFRASTRUCTURE ACTION PLAN PROJECTS (IAPs)
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IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
I 138	Machado Lake Trash TMDL Project	2013	2,272,242	2,272,242	1,953,909	0	318,333	0	The Final Report for the State Grant was approved and staff is waiting for final payment and release of grant retention. The LA County Permit issues were not resolved. Staff met with the County to resolve permit issues, which required water testing of catch basin screens for County approval. Staff has been working with the County and Contractor to clean the catch basins after recent storms for those final inspections. Final County inspections are estimated to be completed in mid April.
I 139	Arterial Street Pavement Sealing Program	2013	5,000,000	3,000,000	2,490,372	0	509,628	2,000,000	Staff selected Lomita Blvd (Crenshaw to Anza) and Carson St (Crenshaw to Madrona) as its candidate roadways for the 2016 program. Design is in progress. Construction will occur in summer/fall 2016.
I 140	186th Street Improvements at Columbia Park	2013	1,075,000	1,075,000	83,486	13,745	977,769	0	Staff received the 50% submittal and provided comments. Staff has now received the 95% complete plans for review. Construction of this project would follow the Opal Street Sewer Project and the Purche Avenue Storm Drain Project.
I 144	Anza Avenue Rehabilitation (190th to Sepulveda)	2013	3,470,000	2,580,000	0	0	2,580,000	890,000	Due to other CIP priorities, development of the RFP for design services is currently on-hold so staff may focus efforts on other active and on-going CIP projects.
I 145	Van Ness Avenue Water Wells and Transmission Main	2013	9,400,000	9,400,000	279,589	10,430	9,109,981	0	A proposal was received from the Consultant to add utilities for proposed Well 14 at Descanso Park. Staff is pursuing a joint project with Honeywell who needs to install a groundwater treatment system with pipes in the same streets. Once that issue is resolved, the City can issue an addendum for well pipeline work for Well 14. Staff is waiting for the final design submittal for the Purche Avenue Storm Drain. Construction of the Purche Avenue Storm Drain would follow construction of the Opal Street Sewer Project.
I 148	Prairie Avenue Bridge Rehabilitations	2013	4,828,000	4,828,000	0	0	4,828,000	0	Staff and consultant are establishing the disadvantage business enterprise (DBE) percentage goal for the project in order to start the request for authorization process.
I 149	FY2014-18 Sewer Repairs	2013	1,027,433	627,433	395,750	31,683	200,000	400,000	On February 23, 2016, Council approved an amendment to the public works agreement with Ramona, Inc. to increase the contract amount in order to perform the necessary repairs to the sewer in the alley behind Border Avenue (north of Carson Street). The work is complete. Staff is now working on close out tasks.

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IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
I 151	Yukon Avenue Storm Drain Pump Station Rehabilitation	2015	407,000	56,000	0	0	56,000	351,000	Design for this project is anticipated to begin July 2019.
I 152	Citywide Sidewalk Ramping/Grinding Program	2013	1,935,000	1,035,000	581,531	140,305	313,165	900,000	Construction is ongoing and will be complete in April 2016. Staff is preparing specifications for the next phase of this annual project.
I 153	Miscellaneous Water Main Replacements for Developer and Street Rehab Projects	2013	3,750,000	2,250,000	402,889	106,892	1,740,219	1,500,000	Wilson Mendoza has been assigned as Project Engineer for the Crenshaw Blvd. and Hawthorne Blvd. water main replacements. The hydraulic model report was received and provided to the Consultant to finalize the plans. The Consultant is processing Pothole Plans currently to obtain utility information to complete the design.
I 156	Undergrounding of Overhead Utilities and Installation of Underground Street Lights along Palos Verdes Blvd between Torrance Blvd and Sepulveda Blvd	2014	309,000	185,000	10,000	0	175,000	124,000	This project has been broken down into 3 phases with limits based on typical DIF funding. The construction contract for the first phase was awarded March 22, which included street lighting from Torrance Blvd. to Lenore St. No design on other two phases has started. Design would start when funding becomes available.
I 159	Residential Slurry Seal Program	2014	5,400,000	4,000,000	3,716,081	0	283,919	1,400,000	Staff has identified streets for the 2016 program. Work will occur in summer/fall 2016 in conjunction with the Arterial Pavement Sealing Program, I 139. The project website is at: http://www.torranceca.gov/28471.htm
I 161	Torrance Park Improvements for Handicap Accessibility	2014	293,623	293,623	287,819	0	5,804	0	Finance and Craig B. have spoken. The remaining \$18,000 will be used for in-house labor charges for remaining tasks and final close out. This will be coordinated with Finance to close the account after all funds are spent.
I 162	Storm Drain Lining Project	2016	382,800	70,000	0	0	70,000	312,800	Due to other priority projects, this project was deferred to February 2018.
I 163	Goldsworthy Desalter Expansion	2014	100,000	100,000	60,761	0	39,239	0	Staff is preparing an MOU to provide WRD the grant monies. Project scheduled to go 18 months of construction and grant invoices.
I 164	Bluff Street Drainage Modification	2015	200,000	200,000	0	1,000	199,000	0	Design is underway. LACFCD Permit application being prepared. Construction is scheduled for late Spring 2016.
I108	North Torrance Well Field-Program	2009	9,070,571	9,070,571	2,558,495	279,517	6,232,559	0	NTWFP Phase 2 construction was awarded March 22, 2016. Staff is now preparing a RFP for Construction Management for NTWFP Phase 2. The City has been selected for a BOR grant to cover the City's half of recycled water retrofit costs. Phase 3 will be built via a Design/Build process. Staff to prepare RFQ and RFP for this process.

**INFRASTRUCTURE ACTION PLAN PROJECTS (IAPS)
SUMMARY BY DEPARTMENT WITH RECENT QUARTERLY UPDATE (ACTIVE PROJECTS)
AS OF MARCH 31, 2016**

IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
T 030	Del Arno Boulevard Extension	1998	31,716,071	31,716,071	31,467,537	98,877	149,656	0	There is a potential easement with BNSF Railway that may be required for the project and may require action by the City Council. Staff requests that this project remain open and remaining funds be used to cover any remaining costs.
T 045	Hawthorne Boulevard Rehabilitation (Pacific Coast Hwy to South City Limit)	2004	1,194,003	1,194,003	276,011	0	917,992	0	Design complete. This project must take place after the PCH/Hawthorne project T-131 and will be coordinated with the Walteria Residential Streets Rehab Project, I-94. Construction will be delayed pending completion of the PCH/Hawthorne project. Estimate construction 2018.
T 128	Traffic-Signal Left Turn Phasing Upgrades	2012	1,159,200	1,029,200	394,691	13,100	621,409	130,000	Plans for protected left-turn phasing at PCH/Madison submitted to Caltrans in November 2015 and staff received comments in February 2016. Addressing comments for re-submittal. Design for Protected Permissive Left-Turn with Flashing Yellow Arrow (PPLT-FYA) improvements at four City intersections will be completed in May 2016. Intersections are: Southbound Anza Ave at Lomita Blvd; Northbound & Southbound Madrona Ave at Emerald St; Northbound Madrona Ave at Plaza Del Arno; and Westbound Del Arno Blvd at Maple Ave. Construction would occur in summer/fall 2016. Should Caltrans not issue a permit in time, staff may separately proceed with the 4 City intersections.
T 131	Intersection Improvements – Hawthorne Blvd. & Pacific Coast Highway	2012	19,600,000	19,600,000	6,867,421	148,499	12,584,080	0	Right-of-way acquisition efforts ongoing. Negotiating with last parcel owner. Plans virtually complete. Site investigations delayed pending Caltrans approvals. Edison reobaction efforts delayed pending right-of-way acquisition. Construction scheduled for spring 2017.
T 141	Hawthorne Blvd. Corridor Improvement Project	2013	3,549,318	2,249,318	70,000	0	2,179,318	1,300,000	METRO cannot move forward with a Funding Agreement because this project was not approved in the Call for Projects process, which would have provided the match funding for Measure R-Highway funds from METRO. In order to move forward, Torrance must obtain approval from the SBCCOG to include this on the list of recommended South Bay projects for use of Measure R Highway Program funds. Staff will re-evaluate this, as it may require City matching funds. Currently, there are higher priority projects that are using city CIP funds.
T 142	Western Avenue & Sepulveda Blvd Intersection Improvements	2013	6,977,209	1,920,000	80,000	0	1,840,000	5,057,209	No new developments with funding policies/availability. As such, this project is temporarily on hold until funding becomes available.

**INFRASTRUCTURE ACTION PLAN PROJECTS (IAPS)
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IAP #	Project Description	Year Started	Estimated Total Cost	Appropriation to Date	Total Expenses	Total Encumbrance	Remaining Appropriation	Total Future Appropriation	March 2016 Quarterly Update
T 146	City of Torrance Intelligence Transportation System (ITS) & Signal Improvements	2014	1,363,351	1,363,351	708,036	116,110	539,204	0	Qualifying expenditures of additional software and traffic controller cabinets were purchased for intersections specifically identified as part of the METRO grant. Engineering and Operations collaborated on the need for additional radio communication equipment that is also a qualifying expenditure under the terms of the METRO grant. This will improve communication city-wide with the existing traffic management center.
T 154	Anza/Vista Montana/Pacific Coast Highway Intersection Improvements	2014	2,900,000	2,900,000	355,366	121,086	2,423,549	0	Staff continues to perform plan check and quantity take-offs.
T 155	I-405 at 182nd Street/Crenshaw Blvd operational improvements	2014	15,300,000	5,300,000	225,424	0	5,074,576	10,000,000	The site access agreement was finalized on March 3, 2016. The soil and groundwater sampling was performed on March 14th through 17th, 2016. Staff and outside counsel continue to negotiate terms and conditions of the purchase and sale agreement.
T 157	Crenshaw Boulevard Intersection Improvements and 208th Street Extension	2014	6,439,958	6,439,958	52,524	58,390	6,329,044	0	Design is ongoing and in conjunction with the overall effort for the new Transit Center project.
T43 T44	Torrance Boulevard Rehabilitation (Sartori Avenue to West City Limit)	2005	7,457,559	7,457,559	7,327,467	0	130,092	0	Design is 90% complete of the new laterals and catch basin on Torrance Blvd.
Sub-Total Public Works			\$ 185,510,651	\$ 159,617,113	\$ 82,783,262	\$ 2,746,551	\$ 74,087,302	\$ 25,893,538	
Grand Total City Wide			\$ 188,332,224	\$ 162,438,686	\$ 82,881,057	\$ 2,803,275	\$ 76,754,356	\$ 25,893,538	

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