

APPENDIX

A

IMPLEMENTATION PROGRAM

CIRCULATION AND INFRASTRUCTURE ELEMENT

The Implementation Program for the General Plan will be included as an appendix. This section is included solely for City staff review. This program will be located in an appendix in subsequent drafts

Each implementation program is a procedure, program, or technique that requires City action, either alone or in collaboration with non-City organizations or state and federal agencies. Some of the implementation programs are processes or procedures the City currently administers on a day-to-day basis (such as development project review), while others identify new programs or projects. Completion of the identified programs will be subject to funding constraints.

1. REGIONAL COORDINATION

Coordinate with the Metropolitan Transit Authority (Metro) regarding any planned regional network improvements and transit services. Support Caltrans with improvements of regional highways and freeways in the area. Continue to work with Caltrans to secure funding for projects included in the "I-405 Study", which was completed by Torrance and other South Bay cities.

Support light rail use to provide expanded transit opportunities for Torrance residents and meet trip reduction objectives. Continue to advocate for further expansion of rapid bus service into the City of Torrance. Coordinate transit and bicycle facility planning with regional and county agencies to maximize and leverage available funds.

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Responsible Agency: Community Development Department
Funding Source: General Fund, grants
Time Frame: On-going
Related Policies: CI.1.1, CI.1.2., CI.7.2, CI.7.6, CI.7.7, CI.7.9

2. TRUCK ROUTES AND PARKING

Continue to implement and enforce programs to reduce truck-related accidents through increased enforcement of truck safety violations and increased public awareness. Examine the existing system of truck routes to improve the control of trucking and delivery operations in the City without impeding traffic flow or human safety. City truck routes shall be integrated with those developed by regional agencies in neighboring jurisdictions. In coordination with adjoining jurisdictions, undertake an effort to construct truck escape ramps in known problem areas. Examine possible restrictions on truck traffic and deliveries during a.m. and p.m. peak hours. Examine the installation of truck traffic signage throughout the City at critical locations.

Responsible Agency: Community Development Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.1.3

3. COMMERCIAL VEHICLES

Continue to phase out on-street loading and unloading of commercial and industrial goods. Require all new commercial and industrial developments to include areas for off-street loading and unloading and parking of service vehicles consistent with Torrance Municipal Code requirements.

Responsible Agency: Community Development
Department/Public Works
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.1.4

4. RAIL SERVICE

Encourage the removal of any existing railroad tracks that no longer serve their original purpose or hinder the improvement of other transportation networks. Eliminate all at-grade railroad crossings on major streets. Require strict noise attenuation measures to ensure compatibility between rail lines and neighboring land uses.

Responsible Agency: Community Development Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.1.5

5. LOCAL CIRCULATION

Adopt appropriate amendments to the zoning, subdivision, and public works codes to implement the goals and policies of the Circulation and Infrastructure Element of the General Plan.

Responsible Agency: Community Development Department/Public Works
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.2.1, CI.2.5, CI.5.2

6. PHYSICAL IMPROVEMENTS

Design, fund, and construct the following intersection improvements using the Capital Improvement Program process:

INSERT PLANNED ROADWAY IMPROVEMENTS
INSERT RECOMMENDED IMPROVEMENTS FROM CTS

Responsible Agency: Community Development Department, Public Works
Funding Source: General Fund, grants
Time Frame: On-going
Related Policies: CI.2.3, CI.3.7

7. PUBLIC WORKS STANDARDS

Develop and maintain a set of Public Works Street Standards in accordance with accepted engineering practices and in accordance with adopted engineering standards.

Responsible Agency: Public Works Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.2.2

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8. CAPITAL IMPROVEMENT PROGRAM

Utilize the Capital Improvement Program (CIP) process to finance and complete the circulation improvements specified in the Circulation and Infrastructure Element. Ensure that the annual CIP Action Plan responds to changes in local priorities and available funding sources.

Responsible Agency: Community Development Department,
Public Works Department

Funding Source: Capital Improvement Program
(CIP) funds

Time Frame: On-going

Related Policies: CI.2.3

9. MEASURING AND MONITORING THE CIRCULATION SYSTEM

Develop and maintain a program for measuring and monitoring circulation system capacity and for identifying system-wide deficiencies. Undertake a study of the Hawthorne Boulevard corridor to assess existing conditions and determine appropriate future strategies for operational and aesthetic enhancements. Undertake a study of the original Torrance Tract - bounded generally by Crenshaw Boulevard, Sepulveda Boulevard, Western Avenue, and Dominguez Street - to assess the interrelationship between circulation and land use issues, and identify appropriate solutions to identified problems. Complete the Del Amo Extension project. Complete street re-classifications. Undertake a study of the major corridors in the City, such as Crenshaw, Sepulveda, and Torrance Boulevard, to assess existing conditions and determine appropriate future strategies for operational and aesthetic enhancements.

Responsible Agency: Community Development Department,
Public Works Department

Funding Source: General Fund; Development
Review fees

Time Frame: On-going

Related Policies: CI.2.4, CI.2.6, CI.2.7, CI.3.2

10. TRIP REDUCTION STRATEGIES

Continue to implement the programs described in the Trip Reduction and Traffic Management Ordinance (Division 9, Chapter 10 of the Municipal Code), which specifies various traffic management methods to reduce trips and influence travel modes. These may include techniques such as synchronized traffic signals and restricting on-street parking. Develop a set of standards for intersection lane configuration that will provide the minimum number of through lane, right turn lane

and left turn for all the intersections in the City of Torrance, regardless of the existing LOS, in accordance with accepted engineering practices and in accordance with adopted engineering standards. Develop Transportation Demand Management (TDM) programs that work towards eliminating vehicle trips and support the development of transit and ridesharing facilities to achieve air quality goals and reduce traffic congestion within the City. Encourage major employers, tenants in business parks and other activity centers, and developers of large new developments to participate in Transportation Management Associations/ Organizations (TMAs/TMOs).

Responsible Agency: Community Development Department,
Public Works Department
Funding Source: General Fund; grants
Time Frame: On-going
Related Policies: Cl.3.1, Cl.3.3, Cl.4.3, Cl.4.7, Cl.7.1,
Cl.7.3, Cl.7.8, Cl.8.9

11. INTELLIGENT TRANSPORTATION SYSTEMS

Use Intelligent Transportation System (ITS) to improve the efficient movement of through traffic on Torrance streets as part of the Capital Improvement Program. ITS refers to advanced communications, navigation, information-gathering, and operations-monitoring technology used to enhance transportation mobility, efficiency, and safety. ITS may include traffic signal synchronization, as well as sensors that can change traffic signal lights depending on congestion levels or the presence of vehicles. Prioritize the implementation of ITS on roadway segments identified for improvement.

Responsible Agency: Community Development Department
Funding Source: General Fund; grants
Time Frame: On-going
Related Policies: Cl.2.6, Cl.3.3, Cl.4.4, Cl.4.8,
Cl.7.6, Cl.7.10

12. REGIONAL TRAFFIC REDUCTION STRATEGIES

Continue to implement the City's Trip Reduction and Traffic Management to continue to effect an overall reduction in trip generation.

Responsible Agency: Community Development Department
Funding Source: General Fund;
Time Frame: On-going
Related Policies: Cl.2.6, Cl.3.4, Cl.4.7

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13. SITE DESIGN

Develop and implement site design guidelines that facilitate pedestrian activity and the use of transit and ridesharing opportunities.

Responsible Agency: Community Development Department
Funding Source: General Fund; grants
Time Frame: On-going
Related Policies: CI.3.5

14. NEIGHBORHOOD TRAFFIC CALMING

Develop a Neighborhood Traffic Calming Handbook. Develop a set of drawing and construction standards for various traffic calming elements such as speed humps and chokers in accordance with accepted engineering practices and in accordance with adopted engineering standards. Apply traffic management measures to control vehicular traffic speeds and volumes on local and collector streets within residential neighborhoods. Implement Traffic Management Initiatives. Implement, in cooperation with the community, a Neighborhood Traffic Management Program. Promote safe travel in neighborhoods and enforce traffic regulations with particular attention given to school, senior center, hospital, community services and park areas. Utilize the National Center for Safe Routes to School to develop a program to create and encourage the use of safe walking and biking routes to school.

Responsible Agency: Community Development Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.4.1, CI.4.2, CI.4.4, CI.4.5, CI.5.2

15. ON-STREET PARKING RESTRICTIONS

Prior to the elimination of on-street parking, consider the impacts on adjacent land uses and investigate feasible methods of mitigating impacts. Encourage adjacent businesses to consolidate parking facilities and access points through the process of development review. Investigate the feasibility of developing public parking facilities in areas where on-street parking has been eliminated.

Responsible Agency: Community Development Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.4.2, CI.4.4, CI.4.7, CI.5.3

16. TRAFFIC IMPACT MITIGATION

Continue implementation of the Development Impact Fee program for citywide roadway network improvements. Require developers to fund transportation system improvements necessitated by project-generated traffic.

Responsible Agency: Community Development Department
Funding Source: Development Impact Fee Program, private funding
Time Frame: On-going
Related Policies: Cl.4.6

17. PARKING

Review zoning ordinance parking requirements, and revise as necessary to conform to actual parking demand. Continue to enforce on-site parking requirements. Review methods of on-site parking enforcement, and modify programs to be most effective. Provide parking opportunities in key non-residential areas by building shared public parking facilities. Adopt strategies to discourage employees from occupying public/short-term parking spaces in core commercial areas. Collaborate with the business community to improve parking services including, shared parking and pooled-parking facilities. Establish street sweeping and trash pick-up schedules that coordinate with parking restrictions and reduce conflicts in residential neighborhoods.

Responsible Agency: Community Development Department
Funding Source: General Fund; Development Review fees
Time Frame: On-going
Related Policies: Cl.5.1, Cl.5.3, Cl.4.4, Cl.5.1, Cl.5.2, Cl.5.3, Cl.5.4, Cl.5.6

18. PARKING STANDARDS

Establish permit parking guidelines and develop permit parking areas on an as-needed bases, based on these guidelines. (Preferential Permit Parking Program)

Protect residential areas from the parking impacts of nearby business districts and schools.

Responsible Agency: Community Development Department
Funding Source: General Fund
Time Frame: On-going

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Related Policies: CI.5.2

19. PEDESTRIAN FACILITIES

Inventory key pedestrian facilities and routes, identifying areas that need improvements, and establish the priorities for solutions to problem areas. Provide grade separations wherever feasible to eliminate conflict between pedestrian and vehicular traffic. Require that local pedestrian ways provide for the needs of the handicapped. Develop design standards for pedestrian pathways with the intention of encouraging pedestrian activity and providing appropriate buffers between pedestrian and vehicular activities. Integrate pedestrian improvement projects into the Capital Improvement Program. Ensure that vehicular access improvements do not degrade conditions for pedestrians and bicyclists. Develop Design standards for pedestrian bridge crossing on Hawthorne Boulevard by the Del Amo Mall (location to be identified). Secure funding through outside agencies by using the DIF money to match. Identify locations for installation of Pedestrian Count Down Signal. Allocate funds and/or identify funding sources – including possible assessment districts - for pedestrian and streetscape improvements in existing neighborhoods.

Responsible Agency: Community Development Department
Funding Source: General Fund; Development Impact Fees; grants
Time Frame: On-going
Related Policies: CI.2.3, CI.8.1, CI.8.2, CI.8.3

20. BICYCLE FACILITIES

Provide bicycle racks at public facilities and require their provision at major commercial developments and employment centers. Review and update existing City Code sections relative to the regulation of bicycles and develop guidelines for the design of bicycle facilities.

Responsible Agency: Community Development Department
Funding Source: General Fund; grants
Time Frame: On-going
Related Policies: CI.8.5

21. BICYCLE ROUTES

Implement the provisions of the Bicycle Master Plan. Develop and implement a bicycle signage program, and identify loop detectors along bikeways with necessary stencils. Evaluate where additional Class 2 bike lanes can be added, as they are preferred by cyclist commuters. Continue to follow the recommendations of expanding

non-motorized transportation from the Los Angeles County's 2001 Long Range Transportation Plan. Improve connections between bike and transit routes to allow cyclists to better use transit thus accommodating longer trips.

Responsible Agency: Community Development Department
Funding Source: General Fund; grants
Time Frame: On-going
Related Policies: Cl.8.4, Cl.8.6, Cl.8.7, Cl.8.8

22. TRANSIT FACILITIES

Maintain and update on a regular basis a short-range transit plan. Torrance Transit will develop a Long Range Transportation Plan, which will be updated every five years. Identify the locations for the establishment of a Transit Center in the City. Where appropriate, new development shall provide fixed transit facilities, such as bus shelters, consistent with anticipated demand.

Work with major retailers, restaurants and medical centers to provide a shuttle service system. Establish alternatives to large buses for shorter or less traveled trips.

Responsible Agency: Torrance Transit
Funding Source: General Fund; Proposition A or C funds
Time Frame: On-going
Related Policies: Cl.7.4, Cl.7.5, Cl.7.8

23. INFRASTRUCTURE PROVISION

Require new development to provide full public infrastructure improvements along property frontage and affected neighboring parcels in proportion to the size of the development and its impact on the area. Examine the use of assessment districts to retrofit existing neighborhoods with full public improvements, such as street segments, curbs, gutters, sidewalks, street lighting, and water, sewer, and drainage improvements.

Responsible Agency: Community Development Department, Public Works Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: Cl.9.1, Cl.9.6

24. NPDES

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Reduce pollutants in urban runoff by requiring new development projects and substantial rehabilitation projects to incorporate Best Management Practices pursuant to the National Pollutant System Discharge Elimination System (NPDES) Permit, Los Angeles Regional Water Quality Control Board requirements, and Los Angeles County Department of Public Works requirements.

Responsible Agency: Public Works Department
Funding Source: General Fund; Development Review fees
Time Frame: On-going
Related Policies: CI.9.2

25. INFRASTRUCTURE MASTER PLANS

Implement the City's Urban Water Master Plan recommendations for replacement, maintenance, and improvement of water facilities and services.

Update the Sewer Master Plan per State Water Resources Control Board requirements to evaluate the current and future sewer needs and existing system deficiencies. Based on this study, update the Needs List used for the Development Impact Fee Program.

Update the Storm Drain Master Plan to meet State requirements. Evaluate the current and future storm drain needs and existing system deficiencies. Based on this study, update the Needs List used for the Development Impact Fee Program.

Responsible Agency: Public Works Department
Funding Source: General Fund
Time Frame: On-going
Related Policies: CI.9.2, CI.9.3

26. STORM DRAIN IMPROVEMENTS

Maintain an inventory of needed storm drain improvements. Prioritize and construct needed storm drain improvements including:

- Vista Montana Storm Drain Replacement – from Via Tortugas to Via Mesa
- Yukon Pump Station Rehabilitation
- Maple Avenue/235th Street Storm Drain - rehabilitate existing corrugated metal pipes from Sepulveda Boulevard to Benner Avenue
- Alley south of 182nd Street - install new storm drain from Hawthorne Boulevard to Regina Avenue

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- Redondo Beach Service Road east of Crenshaw Boulevard - install new storm drain

Responsible Agency: Public Works Department
Funding Source: General Fund; Development Impact Fees
Time Frame: On-going
Related Policies: CI.9.1, CI.9.2, CI.9.3, CI.9.4, CI.9.5

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27. NEW DEVELOPMENT INFRASTRUCTURE

Review development proposals for consistency with water, power, and solid waste disposal requirements. Continue to balance infrastructure fees with the cost of providing infrastructure services to new development.

Responsible Agency: Community Development Department
Funding Source: General Fund; Development Review fees
Time Frame: On-going
Related Policies : Cl.9.4, Cl.9.6

28. PRIVATE INFRASTRUCTURE

Establish and adopt an ordinance to regulate the construction and maintenance of privately owned infrastructure systems.

Responsible Agency: Community Development Department, Public Works Department
Funding Source: General Fund; Development Review fees
Time Frame: On-going
Related Policies: Cl.9.5

29. UNDERGROUNDING UTILITIES

Develop and implement a program for the undergrounding of off-site utilities, which may be accomplished by assessment districts, a general fund contribution, and/or a development fee receiving fund. Consider using DIF for undergrounding utilities.

Responsible Agency: Community Development Department, Public Works Department
Funding Source: General Fund; Development Impact Fees
Time Frame: On-going
Related Policies: Cl.9.7