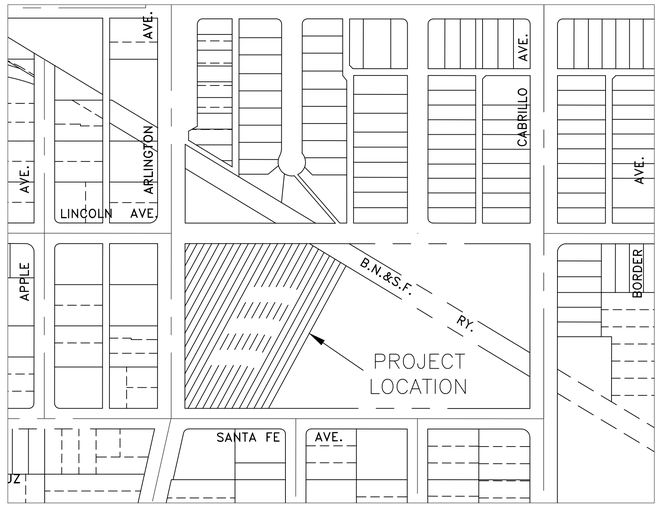
CITY OF TORRANCE

TORRANCE PARK IMPROVEMENTS FOR HANDICAP ACCESSIBILITY, CIP No. I-161 ARLINGTON AVE AND SANTA FE AVE



VICINITY MAP

NOT TO SCALE

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION AND SUPPLEMENTS THERETO, AS WRITTEN AND PROMULGATED BY THE JOINT COOPERATIVE COMMITTEE OF THE SOUTHERN CALIFORNIA CHAPTER OF THE A.P.W.A. AND THE SOUTHERN CALIFORNIA DISTRICTS OF THE A.G.C.C., HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS, THE TORRANCE STANDARD T600, AND TO THE SATISFACTION OF THE ENGINEERING DIRECTOR.

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, VERIFY DEPTH AND PROTECT ALL STRUCTURES, INCLUDING SUBSTRUCTURES, SHOWN ON THE PLAN. THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF REPAIRING OR REPLACING ANY OF SAID STRUCTURES DAMAGED BY CONTRACTOR DURING PROSECUTION OF THE WORK. ALL REPAIRS AND REPLACEMENTS SHALL BE DONE IN THE PRESENCE OF THE INSPECTOR. ALL LOCATIONS SHOWN ON THE PLAN FOR UTILITY LINES HAVE BEEN TAKEN FROM AVAILABLE RECORDS AND THEIR COMPLETENESS AND CORRECTNESS ARE IN NO WAY GUARANTEED.

3. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 AND ALL PUBLIC UTILITY COMPANIES AND OWNERS OF PRIVATE FACILITIES WITHIN THE AREA OF CONSTRUCTION AT LEAST 2 WORKING DAYS IN ADVANCE OF PERFORMING ANY WORK WITHIN SAID AREA.

4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF TORRANCE COMMUNITY DEVELOPMENT DEPARTMENT BEFORE COMMENCING WORK. TRAFFIC CONTROL WITHIN PUBLIC STREET RIGHTS OF WAY SHALL BE IN CONFORMANCE WITH THE 2012 CALIFORNIA MUTCD.

5. CAUTION: REVIEW APPROVED CONSTRUCTION PLAN. IF CONSTRUCTION REQUIRES WORKERS AND/OR EQUIPMENT TO BE WITHIN 6 FEET OR CRANES OR HOISTING DEVICES TO BE WITHIN 10 FEET OF OVERHEAD ELECTRIC LINES, CALL ANGEL MEJIA OF SOUTHERN CALIFORNIA EDISON CO. AT (310) 783-9339 FOR PROJECTS IN RESIDENTIAL AREAS OR CHRISTIAN ADAMS AT (310) 608-5232 FOR PROJECTS IN COMMERCIAL AREAS.

6. PRIOR TO COMMENCEMENT OF WORK, ALL SURVEY MONUMENTS IN THE PROJECT AREA SHALL BE LOCATED AND TIED OUT. ALL CENTERLINE MONUMENTS OR TIES LOST OR DESTROYED BY THIS WORK SHALL BE REPLACED EITHER BY A LICENSED SURVEYOR OR A CIVIL ENGINEER REGISTERED PRIOR TO JANUARY 1, 1982 AND NEW TIE SHEETS PROVIDED. METHOD OF ESTABLISHMENT SHALL BE STATED ON THE TIE SHEET.

7. GRADE SHEETS PREPARED AND TEXTURED BY A LICENSED ENGINEER OR SURVEYOR SHALL BE DELIVERED TO THE INSPECTOR PRIOR TO COMMENCEMENT OF WORK.

8. UNLESS OTHERWISE SHOWN, ALL TRAFFIC SIGNS SHALL BE RELOCATED OR REMOVED BY THE CITY. THE CONTRACTOR SHALL NOTIFY THE STREET DEPARTMENT AT 310-781-6900 AT LEAST 2 WORKING DAYS IN ADVANCE TO ARRANGE THE WORK. THE CONTRACTOR SHALL PROVIDE A 24-HOUR TELEPHONE NUMBER FOR EMERGENCY REPAIRS TO TRAFFIC CONTROL AND PAVEMENT MARKINGS.

9. THE BASE SHALL BE CRUSHED MISCELLANEOUS BASE PER SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS.

10. BASE FOR DRIVEWAY AND PATHWAYS MAY BE OMITTED ON SANDY SOILS AND SHALL BE 4" ON CLAYEY SOILS. SANDY SOILS SHALL BE DETERMINED BY A MINIMUM OF SE OF 30 PER SAND EQUIVALENT TEST AS PER SECTION 211-3 OF THE STANDARD SPECIFICATIONS.

11. FOR ASPHALT CONCRETE SECTION 4" THICK OR GREATER, UNLESS OTHERWISE SHOWN, THE CONTRACTOR SHALL CONSTRUCT A MINIMUM 2" THICK FINISH COURSE USING CLASS C2-AR-4000 OVER A BASE COURSE OF CLASS B-AT-4000 PER SECTION 203-6 OF THE STANDARD SPECIFICATIONS. CLASS D2-AR-4000 ASPHALT CONCRETE SHALL BE USED IF FINISH COURSE IS LESS THAN 2" THICK. FOR SECTIONS LESS THAN 4" THICK, ASPHALT CONCRETE SHALL BE CLASS C2-AR-4000 UNLESS OTHERWISE SPECIFIED. THE MAXIMUM THICKNESS OF EACH LIFT SHALL BE 4". INSTALLATION OF THE FINAL COURSE SHALL NOT TAKE PLACE UNTIL ALL UNDERGROUND UTILITY TRENCHING HAS BEEN COMPLETED AND WRITTEN APPROVAL TO PROCEED HAS BEEN GRANTED BY THE ENGINEERING DIRECTOR.

12. THE CONTRACTOR SHALL NOTIFY THE PARKS AND RECREATION DEPARTMENT AT (310) 781-6900 PRIOR TO TRIMMING, REMOVING OR RELOCATING ANY EXISTING TREES IN PARK.

13. IF STREET TREES ARE REQUIRED IN THE PARKWAY, NEWLY INSTALLED TREES SHALL HAVE DEEP ROOTING COLLARS INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND TO THE SATISFACTION OF THE STREETSCAPE ADMINISTRATOR. CONTACT THE CITY STREET DEPARTMENT AT (310) 781-6900 FOR TYPE(S), SIZE(S) AND LOCATION(S) OF TREES.

STANDARD DRAWINGS CITY OF TORRANCE

T103 TYPICAL SECTION

SPPWC

111-5 CURB RAMP
113-2 SIDEWALK & DRIVEWAY REPLACEMENT
120-2 CURB & GUTTER - BARRIER
122-2 CROSS GUTTER

GENERAL NOTES (CON'T)

14. PLANTED AND IRRIGATED PARKWAY(S) (IF REQUIRED) SHALL HAVE MATERIALS AND PLANTS APPROVED BY THE PARKS AND RECREATION ADMINISTRATOR PRIOR TO INSTALLATION.

15. DURING NON-CONSTRUCTION HOURS, ALL EXCAVATIONS MUST BE PLATED OR BACKFILLED EXCEPT BORE PITS WHICH SHALL BE SECURED WITH K-RAIL AND 6' HIGH CHAIN LINK FENCE PANELS SECURED IN PLACE TO THE SATISFACTION OF THE ENGINEER DIRECTOR. PLATES SHALL BE TACK WELDED, PINNED AND/OR SECURED IN PLACE BY ANOTHER METHOD APPROVED BY THE INSPECTOR.

16. THE CONTRACTOR SHALL MAKE AVAILABLE FOR THE INSPECTORS REVIEW, ON A DAILY BASIS, AS-BUILT DRAWINGS FOR WORK PERFORMED UP TO AND INCLUDING THE PREVIOUS DAY'S ACTIVITIES. WORK SHALL NOT BE CONSIDERED AS COMPLETE UNTIL AS-BUILT DRAWINGS ARE SUBMITTED TO AND ACCEPTED BY THE ENGINEERING MANAGER.

17. PLANS FOR STRIPING CONTROL SHALL BE PROVIDED TO CITY PRIOR TO THE START OF ANY WORK.

18. "QUANTITIES NOTED ON PLANS" CONTRACTOR SHALL CONFIRM ALL QUANTITY ESTIMATES NOTED ON PLANS PRIOR TO BID. CONTRACTOR TO MAKE NECESSARY ADJUSTMENT TO ASSURE OWNER THAT ALL ITEM NOTES ARE SUFFICIENT TO CONFIRM EACH SPECIFIED BID ITEM.

19. COORDINATION WITH OTHERS. CITY FORCES AND OTHER CONTRACTORS MAY BE USING OR DESIRE ACCESS TO THE SITE OR ADJACENT SITES. CONTRACTOR WILL COORDINATE HIS WORK TO ACCOMMODATE SUCH ACTIVITIES AT NO ADDITIONAL COST TO CITY.

SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION PLAN

UTILITY CONTACT LIST

AT&T DISTRIBUTION	MEREDITH HOUSTON	(310) 515-4370
SUNEYSYS, LLC	ROBERT SANTOS	(951) 278-0400
SCE TRANSMISSION	WALLACE ZIMMERMAN	(714) 973-5409
SOUTHERN CALIFORNIA GAS (182ND)	PAUL BLOOD	(310) 687-2011
SCE DISTRIBUTION	CHAD MINTON	(310) 783-9437
TIME WARNER COMMUNICATIONS	CARY HANSON	(424) 212-6961
EXXON MOBIL OIL	--	(310) 782-0799 OR (562) 921-7150
SHELL OIL PIPELINE - NORTH	--	(310) 816-2063
AT&T TRANSMISSION	MARIA GUZMAN	(213) 787-9996
SCE - TELECOMM	CINDY VERRENGIA	(714) 973-5681
BREA OIL CANYON	TIMOTHY BURCH	(310) 326-4002
CITY OF TORRANCE WATER DEPT.	ALAN BERNDT	(310) 781-6900

NOTICE TO THE CONTRACTOR:
EXXON MOBIL REQUIRES A REPRESENTATIVE TO BE ON SITE DURING ANY CONSTRUCTION ACTIVITIES WITHIN THE VICINITY OF THEIR FACILITIES. CONTACT EXXON MOBIL'S DESIGNATED REPRESENTATIVE AT (310) 782-0799 OR (562) 921-7150 BETWEEN THE HOURS OF 6:30 A.M. AND 3:00 P.M., MONDAY THROUGH FRIDAY, A MINIMUM OF 48 HOURS IN ADVANCE OF COMMENCING CONSTRUCTION ACTIVITIES.

LEGEND

CONSTRUCTION LIMITS
FLOW LINE
DRIVEWAY, 4" THICK PCC LIMIT
CENTER LINE
RIGHT OF WAY
EXISTING ROCKS
EXISTING GAS
EXISTING OIL
EXISTING SEWER
EXISTING WATER
NEW PCC PAVEMENT (BROOM FINISH)
NEW TEXTURED PCC PAVEMENT
NEW SOD
GRADED SOIL
PROTECT EXISTING TREE
REMOVE/PRUNE TREE
SIGN
UTILITY POLE
DI DRAIN INLET
SMH SEWER MANHOLE
(N) NEW
(E) EXISTING

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AVE.	AVENUE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BN&SF RY	BURLINGTON NORTHERN AND SANTA FE RAILWAY
BW	BACK OF WALK
EC	END CURVE
ECR	END CURB RETURN
EP	EDGE OF PAVEMENT
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE
SMH	SEWER MANHOLE
SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
STD	STANDARD
TYP	TYPICAL

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.

Underground Service Alert
Call: TOLL FREE
811
TWO WORKING DAYS BEFORE YOU DIG

NOTICE TO THE CONTRACTOR:
LICENSE REQUIREMENTS: THE PRIME CONTRACTOR FOR THIS PROJECT SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTORS LICENSE PRIOR TO CONTRACT AWARD

TORRANCE PARK HANDICAP ACCESSIBILITY PROJECT
AT ARLINGTON AVE AND SANTA FE AVE
C.I.P. # I-161
CDBG PROJECT #601567-13
TITLE SHEET

REV.	DATE	DESCRIPTION	BY	CHECKED

REGISTERED PROFESSIONAL ENGINEER CRAIG BILEZERIAN No. 55339 Exp. 12/31/14 CIVIL STATE OF CALIFORNIA

CITY OF TORRANCE
PUBLIC WORKS DEPARTMENT

DRAWN: K. CRAWFORD
DESIGNED: L. REIS
PROJECT ENGINEER: J. KIDD
PROJECT MANAGER: J. DETTLE

APPROVED:
CRAIG BILEZERIAN DATE:
CITY ENGINEER
R.C.E. NO. 55339 EXP. 12/31/2014

SCALE: AS SHOWN SHEET 1 OF 2
PLAN NO. CP- 414

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