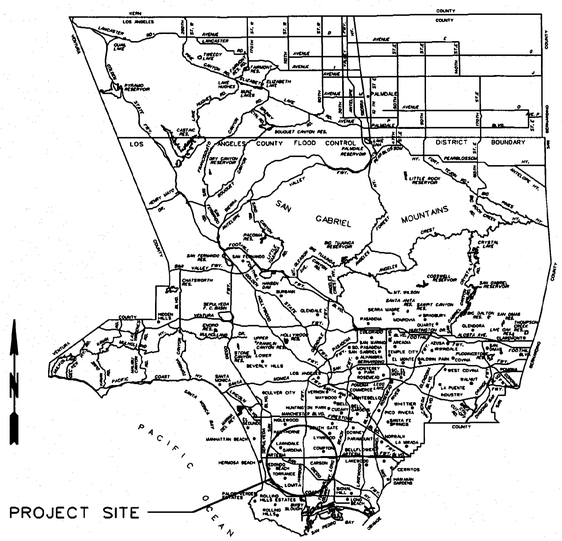
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

LOMITA BOULEVARD AT VERMONT AVENUE, ET AL.

PROJECT ID NUMBER TSM0010328

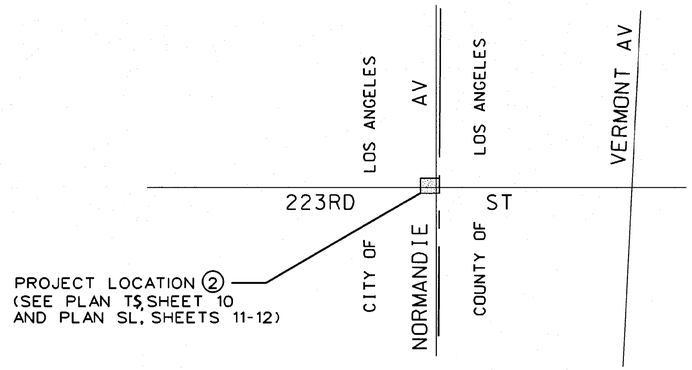
INDEX

SHEET 1	TITLE SHEET
SHEET 2	NOTES AND REFERENCES
SHEET 3	TYPICAL SECTION AND PLAN LAYOUT
PLAN TS	TRAFFIC SIGNAL PLAN
PLAN SP	SIGNING AND STRIPING PLAN
PLAN TC	TRAFFIC CONTROL PLAN
PLAN SL	STREET LIGHTING PLAN

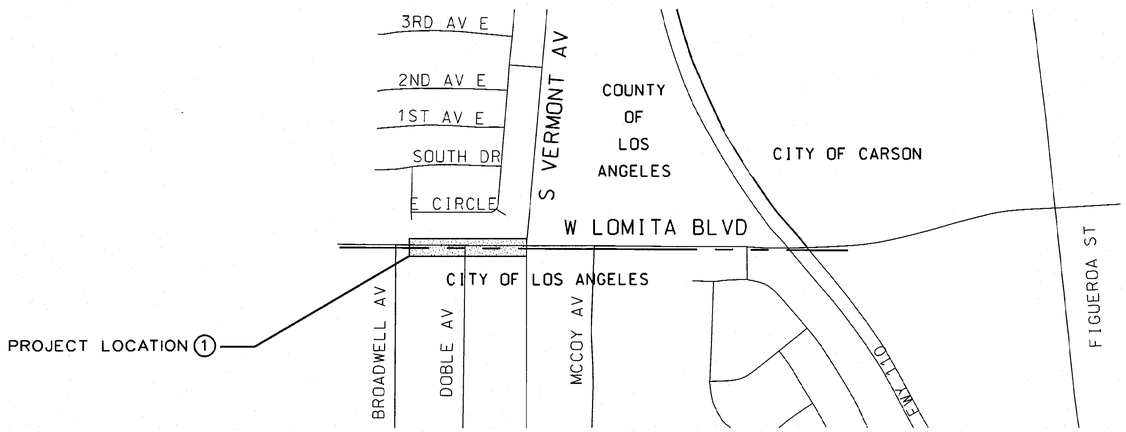


T. G. 794-B4
R. D. 232

LOCATION MAP



KEY MAP
NO SCALE



KEY MAP
NO SCALE

PH084503

TWO DAYS BEFORE YOU DIG CALL USA TOLL FREE 1-800-227-2600	APPROVED GAIL FARBER DIRECTOR OF PUBLIC WORKS BY DEPUTY DIRECTOR 5/14/15 DATE		
	RECOMMENDED BY ASSISTANT DEPUTY DIRECTOR 5/14/15 DATE		
	SUBMITTED BY HIGHWAY SECTION I 5/12/15 DATE	DATE / MK / DESCRIPTION	REVISIONS

REGISTERED PROFESSIONAL ENGINEER F. CRUZ 59441 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER 5/7/15 DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
LOMITA BOULEVARD AT VERMONT AVENUE, ET AL.
TITLE SHEET
PROJECT ID NUMBER: TSM0010328
DWG | SHEET 1 OF 3

DRAFTER RC | DESIGNER RC | CHECKER RC | CADD PROJECT FILE NAME

DATE: @DATE@ TIME: @TIME@ FILE: @FILE@

CONSTRUCTION LEGEND

ITEMS UNDERLINED TO BE CONSTRUCTED

1. PORTLAND CEMENT CONCRETE CURB AND GUTTER
2. PORTLAND CEMENT CONCRETE CURB
3. ASPHALT CONCRETE CURB
4. PORTLAND CEMENT CONCRETE LONGITUDINAL GUTTER
5. PORTLAND CEMENT CONCRETE SIDEWALK, 4" THICK
6. PORTLAND CEMENT CONCRETE SIDEWALK, 6" THICK
7. PORTLAND CEMENT CONCRETE PAVEMENT ON BASE MATERIAL
8. ASPHALT CONCRETE PAVEMENT
9. ASPHALT CONCRETE PAVEMENT ON BASE MATERIAL
10. ASPHALT CONCRETE PAVEMENT, VARIABLE THICKNESS
11. STABILIZATION GEOTEXTILE
12. SLURRY SEAL
13. COLD MILL ASPHALT CONCRETE PAVEMENT
14. DRIVEWAY, TYPE A , Y= VAR UNLESS OTHERWISE SHOWN
15. ALLEY INTERSECTION (ON 6" CMB)
16. CROSS GUTTER (ON 6" CMB)
17. RETAINING STRUCTURE
18. DRAINAGE SYSTEM AS SHOWN ON SHEET INDICATED
19. REINFORCED CONCRETE STAIRWAY
20. CURB RAMP PER CALTRANS STD PLAN RSP A88A, CASE A UNLESS OTHERWISE SHOWN
21. CONCRETE BUS PAD
22. ASPHALT RUBBER HOT MIX (ARHM)
23. RUBBERIZED ASPHALT CONCRETE (RBAC), VARIABLE THICKNESS OR ASPHALT RUBBER HOT MIX (ARHM), VARIABLE THICKNESS
24. FURNISH AND PLANT TREE (PER CONSTRUCTION NOTE 6)
25. CROWN REDUCTION TREE, AND ROOT PRUNE TREE. FURNISH AND INSTALL ROOT CONTROL BARRIER
26. ADJUST MANHOLE
27. DOUBLE ADJUST MANHOLE
28. RECONSTRUCT MANHOLE
29. TREE WELL COVERS, TYPE 3, CASE 4
30. CURB DRAIN, CASE 111, N = 1
31. PARKWAY DRAIN, TO MATCH EXISTING
32. RUBBERIZED EMULSION AGGREGATE SLURRY
33. CHAIN LINK FENCE AND GATES, H=____ UNLESS OTHERWISE SHOWN
34. METAL BEAM GUARD RAIL
35. TERMINAL SYSTEM END TREATMENT (TYPE AS SHOWN)
36. DETECTABLE WARNING SURFACE (PER CONSTRUCTION NOTE 7)

CONSTRUCTION NOTES

CHECKED BOXES ARE FOR ITEMS APPLICABLE TO THIS PROJECT

- ☑ 1. PRIME CONTRACTOR LICENSE REQUIRED: CLASS A OR C12.
- ☑ 2. STANDARD PLANS REFERENCED ARE PER THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) UNLESS OTHERWISE NOTED.
- ☐ 3. PRIOR TO RESURFACING WITH ARHM, FILL ALL HOLES AND CRACKS WIDER THAN 1/4" WITH SS-1h EMULSIFIED ASPHALT AND SAND. PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR ASPHALT RUBBER HOT MIX.
- ☐ 4. PRIOR TO RESURFACING WITH AC, FILL ALL HOLES AND CRACKS WITH SS-1h EMULSIFIED ASPHALT AND SAND. PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR AC PAVEMENT.
- ☐ 5. REPLACE AND RELOCATE TRAFFIC SIGNAL AND STREET LIGHTING PULL BOXES AFFECTED BY CURB RAMP AND SIDEWALK CONSTRUCTION. PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE FOR NO. 6 PULL BOX.
- ☐ 6. FURNISH AND PLANT 24" BOX TREE, PER STD PLAN 520-4, LIRIODENDRON TULIPIFERA, DOUBLE STAKING PER TD PLAN 518-3.
- ☐ 7. CONSTRUCT DETECTABLE WARNING SURFACE ON EXISTING CURB RAMP PER STATE OF CALIFORNIA TRANSPORTATION STANDARD PLAN RSP A88A.
- ☑ 8. ELEVATIONS SHOWN ARE IN FEET ABOVE MEAN SEA LEVEL BASED ON BASELINE 2005 ADJUSTMENT, NAVD 88 DATUM.
- ☑ 9. WITHIN PROJECT LIMITS, THE CONTRACTOR SHALL INSTALL A BLUE RAISED RETROREFLECTIVE PAVEMENT MARKER (RPM) ON FINISHED SURFACE AT EACH FIRE HYDRANT LOCATION PER CALIFORNIA 2012 MUTCD PART 3, FIGURE 3B-102(CA), AS SPECIFIED IN SECTIONS OF SPECIAL PROVISIONS.

CONSTRUCTION SYMBOLS

- (NO) — INDICATES WORK PER CONSTRUCTION LEGEND
- (Ltr) — CURVE DATA SHOWN IN TABLE ON PLAN
- 2" P4 — ABOVE LINE: INDICATES THE TYPE OF STANDARD OR THICKNESS OF SURFACE MATERIAL IN INCHES; STD PLAN VARIABLES; CURB RAMP CASE,TYPE,SECTION AND DETAIL; OR TREE PLANTING CASE
- 5" CMB — BELOW LINE: REFERENCE TO DETAIL OR THICKNESS OF BASE MATERIAL IN INCHES OR TREE WELL CASE
- (5) a x b / 4" CMB — ABOVE LINE: a = LENGTH PARALLEL TO CURB; b = LENGTH PERPENDICULAR TO CURB
- R — REMOVE TREE
- (14) a, b / 2" P4 — ABOVE LINE: a = WIDTH OF DRIVEWAY BEHIND APRON; b = DISTANCE BACK OF APRON; BELOW LINE: THICKNESS AND TYPE OF SURFACE MATERIALS BEHIND APRON; LEFT OF LINE: STA OF THE DRIVEWAY APRON; RIGHT OF LINE: DRIVEWAY WIDTH "W" OF APRON (STA / W - RES OR COM)
- (19) C, L, S, R, T — ABOVE LINE: STD PLAN VARIABLES; LEFT OF LINE: STA OF THE STAIRWAY; RIGHT OF LINE: STAIRWAY WIDTH AND TYPE (STA / W, TYPE)
- (MT) W/L — MEDIAN TAPER PER STD PLAN 140-2
- (MF) W/L — MEDIAN FLARE PER STD PLAN 141-1
- RU — UTILITY TO BE RELOCATED BY OTHERS

STANDARD PLANS

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION

134-2 CONCRETE PAVEMENT JOINT DETAILS

NON- STANDARD ABBREVIATIONS

BW	BACK OF WALK
COM	COMMERCIAL
DEP	DEPRESS
EP	EDGE OF PAVEMENT
LACDPW	LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
LD	LOCAL DEPRESSION
LT	LEFT
PWFB	PUBLIC WORKS FIELD BOOK
PWLB	PUBLIC WORKS LEVEL BOOK
RT	RIGHT
SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

REFERENCES

SURVEY FIELD BOOK

PWFB 0319, PG 1789-1793

CONVENTIONAL SYMBOLS

EXISTING TOPOGRAPHY / PROPOSED IMPROVEMENTS

CURB
CURB AND GUTTER
GUTTER
PAVEMENT CONCRETE
AC
CURB RAMP
BUILDING
BARRICADE
FENCE
GUY POLE
DRIVEWAY
FIRE HYDRANT
GUARDRAIL
GUY WIRE
MANHOLE
PIPE
CONNECTOR PIPE
MAIN LINE
POLE
PROPERTY LINE
R/W LINE
PULL BOX
RAILROAD
RR XING PROTECTION
SHRUB
SIDEWALK — SHADED IF NOT CONTINUOUS
SIGNAL CONTROL BOX
SIGNAL FLASHING
TRAFFIC
LOOP
STREET LIGHT
PALM TREE
OAK TREE
OTHER TREE
VALVE
VAULT
BRICK (BLOCK) WALL
CONCRETE WALL
STONE WALL
TOP OF SLOPE
TOE OF SLOPE
STAND PIPE
DETECTABLE WARNING SURFACE

AC PAVEMENT CLASS AND GRADE LEGEND

P1 C2 - PG 64-10
B - PG 64-10
P2 C2 - PG 64-10
P3 B - PG 64-10
P4 D2 - PG 64-10

DRAFTER	DESIGNER	CHECKER	CADD PROJECT FILE NAME
RC	RC	RC	

DATE	MK	DESCRIPTION

REVISIONS

REGISTERED PROFESSIONAL ENGINEER F. CRUZ 59441 CIVIL STATE OF CALIFORNIA

PROJECT ENGINEER — DATE 5/7/15

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

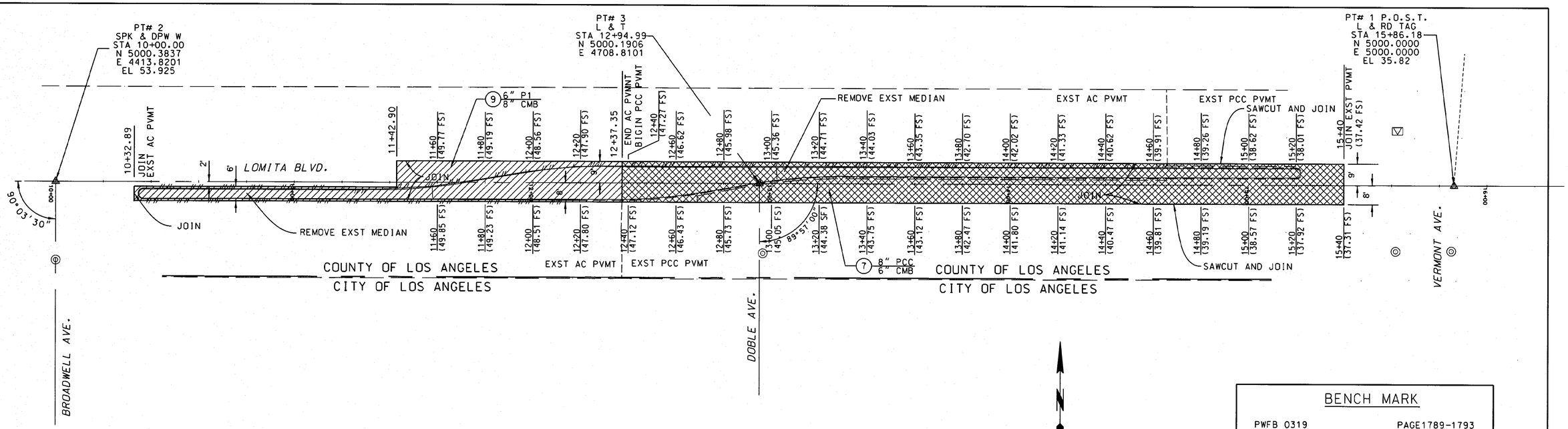
LOMITA BOULEVARD AT VERMONT AVENUE
MEDIAN REMOVAL

CONSTRUCTION NOTES AND REFERENCES

PROJECT ID NUMBER: TSM0010328

PCA | DWG | SHEET 2 OF 3

PLAN RD



PLAN
SCALE 1"=20'

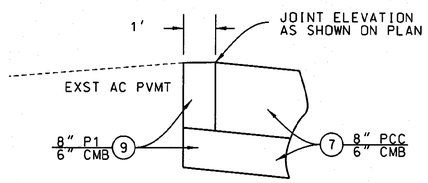
20 0 20 40

BENCH MARK

PWFB 0319
EL 53.925
PT 2

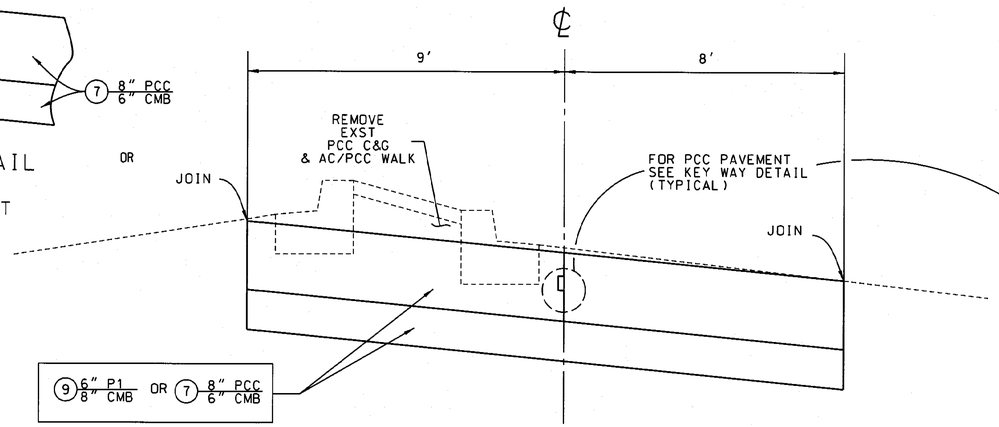
PAGE1789-1793
NAVD 88
BASELINE 2005

SPK & DPW/W FLUSH @ CL INT. LOMITA BLVD & BROADWELL AVE.



TYPICAL JOINT DETAIL
EXST AC PAVEMENT
WITH NEW PCC PAVEMENT

OR



TYPICAL SECTION
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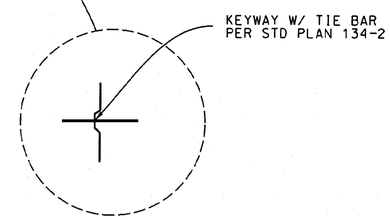

KEY WAY DETAIL (TYPICAL)
NO SCALE

DATE	MK	DESCRIPTION

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
F. CRUZ
No. C59441
CIVIL
STATE OF CALIFORNIA
5/7/15
PROJECT ENGINEER DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

LOMITA BOULEVARD AT VERMONT AVENUE
MEDIAN REMOVAL
TYPICAL SECTION
AND PLAN SHEET
PROJECT ID NUMBER: TSM0010328

DWG | SHEET 3 OF 3

PPB-DH 12/10

DRAFTER RC | DESIGNER RC | CHECKER RC | CADD PROJECT FILE NAME | REVIEWED BY | DATE 5/7/15

DATE: $DATE$ TIME: $TIME$ FILE: $FILEL$