## 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
8. ASPHALT CONCRETE PAVEMENT
9. ASPHALT CONCRETE PAVEMENT ON BASE MATERIAL
10. ASPHALT CONCRETE PAVEMENT, VARIABLE THICKNESS
11. STABILIZATION GEOTEXTILE
12. EMULSION-AGGREGATE SLURRY, TYPE II
13. COLD MILL ASPHALT CONCRETE PAVEMENT
14. COMMERCIAL DRIVEWAY
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 CASE C PER CALTRANS STD PLAN RSP A88A, 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. DROP CROTCH TRIM 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 _____, CASE _____
30. CURB DRAIN, CASE _____, N = _____
31. PARKWAY DRAIN, INLET TYPE _____, S = _____
32. CONCRETE BARRIER TYPE 60S (MOD) PER CALTRANS STD PLAN A76G
33. CHAIN LINK FENCE H= 6' PER SPPWC STD PLAN 600-2
34. METAL BEAM GUARD RAIL PER CALTRANS STD PLAN A77A1
35. TERMINAL SYSTEM END TREATMENT (TYPE ET) PER CALTRANS STD PLAN A77L3
36. REMOVE EXISTING METAL BEAM GUARD RAIL
37. METAL BEAM GUARD RAILING CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS PER CALTRANS STD PLAN RSP A77J1
38. CONCRETE BARRIER TYPE 60 (MOD) PER CALTRANS STD PLAN A76A
39. CONCRETE COLLAR PER SPPWC STD PLAN 380-4
40. CRASH CUSHION PER CALTRANS STD PLAN A82C1
41. REMOVE CHAIN LINK FENCE
42. 1/2" METAL PLATE DETAIL PER PLAN SHEET 18
43. CONCRETE BARRIER TYPE 60C (MOD) PER CALTRANS STD PLAN A76A SEE DETAIL "A" ON SHEET 3
44. CONCRETE BARRIER TYPE 60GE PER CALTRANS STD PLAN A76F
45. LOCAL DEPRESSION AT CATCH BASINS PER SPPWC STD PLAN 313-3
46. REMOVE & REPLACE EXISTING STREET LIGHT PULL BOX
47. CABLE RAILING PER CALTRANS STD B11-47
48. CRADLING AND ENCASEMENT CASE IV SPECIAL ENCASEMENT
49. AIR PLACED CONCRETE

## 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 RBAC OR 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 RUBBERIZED ASPHALT CONCRETE OR 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 15 GALLON TREE, PER STD PLAN 520-2 CASE ____, _____ DOUBLE STAKING PER STD PLAN 518-2.
- ☑ 7. ELEVATIONS SHOWN ARE IN FEET BASED ON CULVER 2005 ADJUSTMENT, NAVD 1988 DATUM.
- ☐ 8. ELEVATIONS SHOWN ARE IN FEET ABOVE MEAN SEA LEVEL BASED ON _____ ADJUSTMENT, NGVD 1929 DATUM.

## 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
- STA / W — RES OR COM — 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
- (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

## GUARDRAIL NOTES

1. ALL GUARDRAIL LENGTHS AND LOCATIONS ARE TO BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. WOOD POSTS ARE TO BE USED FOR ALL INSTALLATIONS UNLESS OTHERWISE NOTED ON PLANS.
3. INSTALL RAILING APPROACH TRANSITIONS FOR FIXED OBJECTS PER CALTRANS STD. PLAN A77G3 AT ALL APPLICABLE LOCATIONS OR AS DIRECTED BY THE ENGINEER.

## STANDARD PLANS

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION

| STD. PLAN | TITLE |
|---|---|
| PLAN 110-1 | DRIVEWAY APPROACHES |
| PLAN 120-1 | CURB AND GUTTER - BARRIER |
| PLAN 140-3 | MEDIAN TAPER |
| PLAN 141-2 | MEDIAN FLARE |
| PLAN 300-3 | CURB OPENING CATCH BASIN |
| PLAN 302-3 | CURB OPENING CATCH BASIN WITH GRATING(S) |
| PLAN 308-2 | MONOLITHIC CATCH BASIN CONNECTION |
| PLAN 309-2 | CATCH BASIN REINFORCEMENT |
| PLAN 310-3 | CATCH BASIN FACE PLATE ASSEMBLY AND PROTECTION BAR |
| PLAN 311-3 | FRAME AND GRATING FOR CATCH BASINS |
| PLAN 313-3 | LOCAL DEPRESSION AT CATCH BASINS |
| PLAN 380-4 | CONCRETE COLLAR FOR RCP 12" THROUGH 72" |
| PLAN 600-2 | CHAIN LINK FENCE |
| PLAN 636-2 | POLYPROPYLENE - PLASTIC STEP |

STANDARD PLANS, 2000 EDITION
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

| STD. PLAN | TITLE |
|---|---|
| PLAN 2023-2 | CRADLING AND ENCASEMENT |
| PLAN 3080-2 | PIPE BEDDING IN TRENCHES |
| PLAN 3090-1 | CRITERIA FOR THE DESIGN OF SHORING FOR EXCAVATIONS |
| PLAN 3091-1 | SAMPLE SHEET FOR USE AS A GUIDE IN PREPARING CALCULATIONS FOR SHORING OF EXCAVATIONS |
| PLAN 3093-1 | UNIFIED SOIL CLASSIFICATION SYSTEM |
| PLAN 6002-1 | PORTABLE SECURITY FENCE FOR OPEN TRENCHES |
| PLAN 6008-1 | MINIMUM PUBLIC SAFETY REQUIREMENT FOR OPEN EXCAVATIONS |
| PLAN 6203-1 | CONCRETE SLOUGH WALL |

CALTRANS- STANDARD PLANS, MAY 2006

| STD. PLAN | TITLE |
|---|---|
| RSP A76A | CONCRETE BARRIER TYPE 60 & 60C |
| A76G | CONCRETE BARRIER TYPE 60S |
| A76F | CONCRETE BARRIER TYPE 60GE |
| A77A1 | METAL BEAM GUARD RAILING STANDARD RAILING SECTION |
| A77C4 | METAL BEAM GUARD RAILING TYPICAL RAILING DELINEATION AND DIKE POSITIONING DETAILS |
| RSP A77E1 | METAL BEAM GUARD RAILING TYPICAL LAYOUTS FOR EMBANKMENTS |
| RSP A77J1 | METAL BEAM GUARD RAILING CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS |
| RSP A77J4 | METAL BEAM GUARD RAILING TRANSITION RAILING (TYPE WB) |
| A77L3 | METAL BEAM RAILING TERMINAL SYSTEM (TYPE ET) |
| RSP A82C1 | CRASH CUSHION (TYPE REACT 9CBB) |
| RSP A87A | CURBS AND DRIVEWAYS |
| A87B | ASPHALT CONCRETE DIKES |
| RSP A88A | CURB RAMP DETAILS |
| B11-47 | CABLE RAILING |

## NON-STANDARD ABBREVIATIONS

| | | | |
|---|---|---|---|
| COM | COMMERCIAL | MBGR | METAL BEAM GUARD RAIL |
| RES | RESIDENTIAL | DWY | DRIVEWAY |
| BW | BACK OF WALK | RET | RETAINING WALL |
| DEP | DEPRESS | STR | STRAIGHT |
| LACDPW | LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS | R/W | RIGHT OF WAY |
| | | EXST | EXISTING |
| PWFB | PUBLIC WORKS FIELD BOOK | CONC | CONCRETE |
| PWLB | PUBLIC WORKS LEVEL BOOK | VAR | VARIABLE |
| | | AC | ASPHALT CONCRETE |

## REFERENCES

1. MATERIALS TEST REPORT, LAB No.37231, DATED 12/2/10
2. MATERIALS TEST REPORT, LAB No.37231, DATED 11/10/09
3. MATERIALS TEST REPORT, ADDENDUM, LAB No.37231, DATED 4/7/09
5. PWFB 1017 PAGES 1045-1049
6. PWFB 1117 PAGES 1008-1012
7. PWFB 1017 PAGES 934-942
8. PWLB 1017 PAGES 840 & 841

LOS ANGELES COUNTY ROAD DEPARTMENT CASH CONTRACT NO. 643, DRAWING NO'S. F-1 # 27478, F-2 # 27478, AND CASH CONTRACT NO. 669 DRAWING NO'S F-1 # 27621, F-3 # 27621, F-1 # 27627, F-2 # 27627, F-1 # 27629, F-2 # 27629

## 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
FLOW LINE

PH079400

## AC PAVEMENT CLASS AND GRADE LEGEND

P1 C2-PG 70-10, B-PG 70-10
P2 C2-PG 70-10
P3 B-PG 64-10
P4 D2-PG 64-10
P5 C2-PG 64-10

| DATE | MK | DESCRIPTION |
|---|---|---|
| 12/15/10 | SB | ADDED ITEM (48) |
| 1/10/11 | SB | DELETED PLAN xs16-060e |
| 1/10/11 | SB | REVISED SHEET "2 OF 19" TO "2 OF 20" |
| 1/10/11 | SB | REVISED "PH078941" TO "PH079400" |
| 2/2/11 | SB | ADDED ITEM (32) & (49) |

REVISIONS

REGISTERED PROFESSIONAL ENGINEER — THOMAS HO, NO. C60649, EXP. 12/31/10, CIVIL, STATE OF CALIFORNIA

PROJECT ENGINEER — DATE 7/27/10

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

# LA CIENEGA BOULEVARD

## STOCKER ST TO 1680' S/o SLAUSON AVE

## NOTES & REFERENCES

PROJECT ID NO. RDC0014886

PCA X2201553 | DWG PH079400 | SHEET 2 OF 20

"AS BUILT DRAWINGS"

DRAWN BY S. BARBOZA | DESIGNER S. BARBOZA | CHECKER THOMAS HO | CADD PROJECT FILE NAME RDC0014886_SHT2 | REVIEWED BY _____ DATE 7/27/10

DATE: 8DATE8 TIME: 8TIME8 FILE: 8FILE8