

CONSTRUCTION LEGEND

ITEMS UNDERLINED TO BE CONSTRUCTED

- ① PORTLAND CEMENT CONCRETE CURB AND GUTTER
- ② PORTLAND CEMENT CONCRETE CURB
- ③ ASPHALT CONCRETE DIKE PER CALTRANS STD PLAN A87B, TYPE F
- 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 ____, 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, CASE ____, SECTION ____, 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 RUBBERIZED EMULSION AGGREGATE SLURRY
- ㉝ CHAIN LINK FENCE AND GATES, H= ____ UNLESS OTHERWISE SHOWN
- ㉞ METAL BEAM GUARD RAIL, PER CALTRANS STD PLAN A77A2
- ㉟ ~~SHORTRAC ATTENUATING CRASH CUSHION BY TRINITY INDUSTRIES, INC. OR AGENCY APPROVED EQUAL~~
- ㊱ ASPHALT RUBBER AND AGGREGATE MEMBRANE (ARAM)
- ㊲ SHOULDER GRADING
- ㊳ COLD IN-PLACE RECYCLED AC PAVEMENT (CIRACP), 3" THICK
- ㊴ PCC TERRACE DRAIN
- ㊵ RIP RAP (LIGHT CLASS)
- ㊶ REMOVE EXISTING GUARD RAIL
- ㊷ IN-LINE TERMINAL SYSTEM END TREATMENT, L=50' (PER SPECIAL PROVISIONS)
- ㊸ FLARED TERMINAL SYSTEM END TREATMENT, L=37.5' (PER SPECIAL PROVISIONS)
- ㊹ IMPORTED RECLAIMED AC PAVEMENT (RAP)
- ㊺ REMOVE EXISTING HEADWALL
- ㊻ CABLE RAILING

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 LANCASTER WEST 1998 QUAD 1998 ADJUSTMENT, NAVD 1988 DATUM.
- 8. ELEVATIONS SHOWN ARE IN FEET ABOVE MEAN SEA LEVEL BASED ON _____ ADJUSTMENT, NGVD 1929 DATUM.

GUARDRAIL NOTES

- 1) ALL GUARDRAIL LENGTHS AND LOCATIONS ARE TO BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 2) GUARDRAIL SHALL BE CONSTRUCTED PER CALTRANS STD. PLAN. STEEL POSTS ARE TO BE USED FOR ALL INSTALLATIONS UNLESS OTHERWISE NOTED ON PLAN.
- 3) INSTALL RAILING APPROACH TRANSITIONS FOR FIXED OBJECTS PER CALTRANS STD. PLAN A77G3 AT ALL APPLICABLE LOCATIONS OR AS DIRECTED BY THE ENGINEER.
- 4) POSTS LOCATED DIRECTLY OVER A CULVERT MAY BE ELIMINATED AND THE GUARDRAIL SPANNING THE GAP DOUBLED TO PROVIDE STABILITY. FOR DETAILS SEE FIGURE 7-9, LONG SPAN NESTED GUARDRAIL, IN CHAPTER 7, ON PAGE 7-31, OF THE CALTRANS TRAFFIC MANUAL.

CONSTRUCTION SYMBOLS

- (NO) INDICATES WORK PER CONSTRUCTION LEGEND
- (Lr) 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' x b / 4" CMB ABOVE LINE: a = LENGTH PARALLEL TO CURB, b = LENGTH PERPENDICULAR TO CURB
- R REMOVE TREE
- 14' x 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
- C, L, S, R, T ABOVE LINE: STD PLAN VARIABLES
- LEFT OF LINE: STA OF THE STAIRWAY
- RIGHT OF LINE: STAIRWAY WIDTH AND TYPE
- MT W MEDIAN TAPER PER STD PLAN 140-2
- MF W MEDIAN FLARE PER STD PLAN 141-1
- RU UTILITY TO BE RELOCATED BY OWNER

STANDARD PLANS

SPPWC, 2009 EDITION

SOURCE	DESCRIPTION	SHT. NO	TYPE
SPPWC	- STEEL FLARED END SECTION	351-2	
SPPWC	- CONCRETE COLLAR FOR RCP	380-4	

STATE OF CALIFORNIA, 2010 EDITION

SOURCE	DESCRIPTION	SHT. NO	TYPE
CALTRANS	- METAL BEAM GUARD RAILING STD RAILING SECTION (STEEL POST WITH NOTCHED WOOD OR NOTCHED RECYCLED PLASTIC BLOCK)	A77A2	
CALTRANS	- METAL BEAM GUARD RAILING STEEL POST, NOTCHED WOOD BLOCK AND NOTCHED RECYCLED PLASTIC BLOCK DETAILS	A77C2	
CALTRANS	- METAL BEAM GUARD RAILING TYPICAL LINE POST EMBEDMENT AND HINGE POINT OFFSET DETAILS	A77C3	
CALTRANS	- METAL BEAM GUARD RAILING TYPICAL RAILING DELINEATION AND DIKE POSITIONING DETAILS	A77C4	
CALTRANS	- METAL BEAM GUARD RAILING TYPICAL LAYOUTS FOR EMBANKMENTS	A77E1	
CALTRANS	- METAL BEAM GUARD RAILING TYPICAL LAYOUTS FOR ROADSIDE FIXED OBJECTS	A77G3	
CALTRANS	- METAL RAILING END ANCHOR ASSEMBLY (TYPE SFT)	A77H1	
CALTRANS	- ASPHALT CONCRETE DIKE	A87B	
CALTRANS	- CABLE RAILING	B11-47	
CALTRANS	- OVSIDE DRAINS	D87D	
CALTRANS	- PIPE CULVERT HEADWALLS STRAIGHT AND "L"	D89	
CALTRANS	- PIPE CULVERT HEADWALLS TYPES A, B, C	D90	
CALTRANS	- CONCRETE FLARED END SECTION	D94B	
CALTRANS	- CORRUGATED METAL PIPE COUPLING DETAILS NO. 1 ANNULAR COUPLING BAND BAR AND STRAP AND ANGLE CONNECTIONS	D97A	

SOURCE	DESCRIPTION	SHT. NO	TYPE
LACDPW	- RURAL CATCH BASIN	3015-0	
LACDPW	- PIPE BEDDING IN TRENCHES	3080-3	CASE 3

NON-STANDARD ABBREVIATIONS

AC	ASPHALT CONCRETE
CIRACP	COLD IN-PLACE RECYCLED AC PAVEMENT
COM	COMMERCIAL
CM	CULVERT MARKER
C&G	CURB AND GUTTER
DIA	DIAMETER
FES	FLARED END SECTION
GMP	GRATE METAL PIPE
GR	GRADE
HDWL	HEADWALL
IE	INVERT ELEVATION
MBGR	METAL BEAM GUARD RAIL
PROP	PROPOSED
RAP	RECLAIMED AC PAVEMENT
RES	RESIDENTIAL
TG	TOP OF GRATE ELEVATION
TW	TOP OF WALL
TYP	TYPICAL

REFERENCES

- 1. MATERIALS TEST REPORT, LAB No. 37161, DATED 9/2/10
- 2. PWFB 3515, PG 302-305
- 3. PWLB 3612, PG 3-12
- 4. PWFB 3613, PG 3-33
- 5. PWFB 3614, PG 32-53
- 6. PWFB 3615, PG 70
- 7. PWFB 3710, PG 7-18
- 8. PWFB 3711, PG 2-41
- 9. PWFB 3712, PG 2-9
- 10. PWFB 3810, PG 30-33
- 11. PWLB 3515, PG 119-121
- 12. PWLB 3612, PG 1-10
- 13. PWLB 3613, PG 1-13
- 14. PWLB 3614, PG 1-15
- 15. PWLB 3615, PG 1
- 16. PWLB 3710, PG 1-6
- 17. PWLB 3711, PG 1-17
- 18. PWLB 3712, PG 1-7
- 19. PWLB 3810, PG 1-2

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		
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		

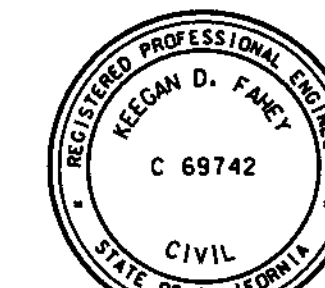
SHADED IF NOT CONTINUOUS



AC PAVEMENT CLASS AND GRADE LEGEND

P1 C2 - PG 64-16	P3 B - PG 64-16
B - PG 64-16	
P2 C2 - PG 64-16	P4 D2 - PG 64-16

DATE	BY	DESCRIPTION
9/2/14	DELETE (35)	



Rescan D. Faney
PROJECT ENGINEER
DATE: 07/29/13

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PINE CANYON RD., ET AL.

CONSTRUCTION NOTES AND REFERENCES

PROJECT ID NO. RDC0014131

PC A DWG SHEET 2 OF 16

PG-09-01-D00 04/08

DATE: _____
REVIEWED BY: _____
CHECKER: _____
DRAFTER: _____
DATE: _____