

REVIEWED BY:  
*Manuel Orellana*  
 MANUEL ORELLANA DATE 7-24-03  
 CONSULTANT DESIGN SECTION

### 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 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 SLURRY SEAL
- ⑬ COLD MILL ASPHALT CONCRETE PAVEMENT
- ⑭ DRIVEWAY, SEE DETAILS, SHEET 4
- 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 \_\_\_\_\_, TYPE \_\_\_\_\_, SECTION \_\_\_\_\_, DETAIL \_\_\_\_\_ UNLESS OTHERWISE SHOWN
- ㉑ CONCRETE BUS PAD
- ㉒ RUBBERIZED ASPHALT CONCRETE (RBAC) OR 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
- ㉞ METAL BEAM GUARD RAIL
- ㉟ TERMINAL SYSTEM END TREATMENT (TYPE AS SHOWN)
- ㊱ INSTALL CHAIN LINK FENCE AND GATES STD. PLAN NO. 600-1

### 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, 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/ASPHALT RUBBER HOT MIX).
  - 4. PRIOR TO RESURFACING, 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 LACDPW LANCASTER WEST 1998 QUAD, 1998 ADJUSTMENT, NAVD 88 DATUM.

### STANDARD PLANS

SOURCE	DESCRIPTION	SHT. NO	TYPE
SPPWC	- CURB AND GUTTER - BARRIER	120-0	D1-8
SPPWC	- DRIVEWAY APPROACHES	110-0	TYPE C
CALTRANS	- CURBS, DIKES AND DRIVEWAYS	A87	TYPE F
CALTRANS	- OVERSIDE DRAINS	D87D	
CALTRANS	- ASPHALT CONCRETE OVERSIDE DRAINS TAPERED INLET AND FLUME DOWN DRAIN	AT7A	TYPE F
CALTRANS	- METAL BEAM GUARD RAILING TYP. WOOD POST WITH WOOD BLOCK	RSP D89	
CALTRANS	- PIPE HEADWALLS	D94B	
CALTRANS	- CONCRETE FLARED END SECTION	D97A	
CALTRANS	- CORRUGATED METAL PIPE COUPLING DETAILS NO. 1 ANNULAR COUPLING BAND BAR AND STRAP AND ANGLE CONNECTIONS	RSP A77M	
CALTRANS	- METAL BEAM GUARD RAILING AND SINGLE FACED BARRIER RAILING TERMINAL SYSTEM END TREATMENT	A771A	
CALTRANS	- METAL BEAM GUARD RAILING END TREATMENT BURIED POST ANCHOR	B11-47	
LACDPW.	- RURAL CATCH BASIN	3015-0	
SPPWC	- CONCRETE COLLAR FOR RCP	380-3	
SPPWC	- CHAIN LINK FENCE AND GATES	600-1	
SPPWC	- STEEL FLARED END SECTION	351-1	

### CONVENTIONAL SYMBOLS

CONVENTIONAL SYMBOLS	EXISTING TOPOGRAPHY	PROPOSED IMPROVEMENTS
CURB		
CURB AND GUTTER		
GUTTER		
PAVEMENT CONCRETE		
AC		
ACCESS RAMP		
BUILDING		
BARRICADE		
CHAIN LINK FENCE		
GUY POLE		
DRIVEWAY		
FIRE HYDRANT		
FLOW LINE		
GUARDRAIL		
GUY WIRE		
MANHOLE		
PIPE		
POLE		
PROPERTY LINE		
PULL BOX		
RAILROAD		
RETAINING WALL		
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		
CUT		
FILL		
FIBER OPTIC LINE		
BARB WIRE FENCE		

### NON-STANDARD ABBREVIATIONS

BC	BACK OF CURB
BW	BACK OF WALK
CLF	CHAIN LINK FENCE
COM	COMMERCIAL
FES	FLARED END SECTION
FL	FLOW LINE
MBGR	METAL BEAM GUARD RAIL
PROP.	PROPOSED
RES	RESIDENTIAL
C & G	CURB AND GUTTER
RSP	REVISED STANDARD PLANS
GMP	GRATE METAL PIPE
IE	INVERT ELEVATION
TO	TOP OF GRATE ELEVATION

### REFERENCES

PWFB	3515	302-305
PWFB	3612	3-12
PWFB	3613	3-33
PWFB	3614	32-53
PWLB	3615	70
PWLB	3710	7-18
PWLB	3711	2-41
PWLB	3712	2-9
PWLB	3810	30-33

### GUARDRAIL NOTES

- 1) GUARDRAIL SHALL BE CONSTRUCTED PER CALTRANS STD. PLAN. WOOD POSTS ARE TO BE USED FOR ALL INSTALLATIONS UNLESS OTHERWISE NOTED ON PLAN.
- 2) WHERE OBJECTS (TREES) FALL WITHIN 4' OF GUARDRAIL FACE, USE STIFFENED METAL BEAM GUARDRAIL.

### ASPHALT CONCRETE PAVEMENT LEGEND

P1 SURFACE COURSE	C2-AR-4000	P4 C2-AR-4000
BASE COURSE	B-AR-4000	P5 D1-AR-4000
P2 SURFACE COURSE	C2-AR-2000	P6 D2-AR-4000
BASE COURSE	B-AR-4000	P7 D2-AR-2000
P3 C1-AR-4000		

### 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: 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
- ⑭ <sup>a, b</sup> <sub>2" P4</sub> ABOVE THE LINE: a = WIDTH OF DRIVEWAY BEHIND APRON-EP, b = DISTANCE BACK OF APRON-OR R/W LINE EP
- BELOW THE LINE: THICKNESS AND TYPE OF SURFACE MATERIALS BEHIND APRON
- LEFT OF THE LINE: STA OF THE DRIVEWAY APRON
- RIGHT OF THE LINE: DRIVEWAY WIDTH "W" OF APRON
- -R UTILITY RELOCATE BY OTHERS
- -R REMOVE TREE

CADD PROJECT FILE NAME: RDC0014131-HYD-SHEET02.DGN  
 CHECKER: JKR  
 DESIGNER: CXCC/JGRH  
 DRAFTER: AAP

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DATE	WK	DESCRIPTION

REVISIONS

REGISTERED PROFESSIONAL ENGINEER  
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 No. 42868  
 Exp. 3/31/2004  
 CIVIL  
 STATE OF CALIFORNIA

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
**PINE CANYON ROAD**  
 "THREE POINTS ROAD TO LAKE HUGHES ROAD"  
**NOTES AND REFERENCES**  
 PROJECT ID NO. RDC0014131

PCAX2509653 | DWG | SHEET 2 OF 53