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CITY OF L.A. STANDARD PLANS

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D-14817	STANDARD DRIVEWAYS
DL-2430	NOTICE TO CONTRACTORS-SEWERS
- 29781	STANDARD STREET CROWN SECTIONS

GENERAL NOTES

1 - ALL STATIONING REFERS TO CENTERLINE OF CONSTRUCTION.

2 - ELEVATIONS SHOWN ARE IN FEET ABOVE U.S.G.S. MEAN SEA LEVEL DATUM BASED ON LOS ANGELES CITY SURVEY, 1950 ADJUSTMENT.

3 - TOPOGRAPHIC FEATURES, BOTH CONTOURS AND CULTURE ARE PER SURVEY COMPLETED IN 1959-1960 WITH CULTURE PARTIALLY REVISED IN 1964.

4 - ELEVATIONS SHOWN IN PARENTHESES THUS (978.1) ARE EXISTING ELEVATIONS.

5 - NUMBERS IN CIRCLES SHOWN THUS (2) ARE ITEM NUMBERS UNDER WHICH PAYMENT WILL BE MADE FOR CONTRACT WORK.

6 - UTILITIES DESIGNATED BY THE SYMBOL (O) WILL BE ABANDONED IN PLACE AND THE OWNER WILL INSTALL A NEW SECTION OF THE AFFECTED UTILITY AT A LOCATION WHICH DOES NOT PHYSICALLY INTERFERE WITH THE PROPOSED CHANNEL AND/OR APPURTENANT STRUCTURES.

7 - LOCATIONS OF SUBSURFACE UTILITIES AS SHOWN IN PROFILE AND/OR SECTION ARE APPROXIMATE ONLY. SUCH LOCATIONS ARE INDICATED ONLY TO DIRECT THE CONTRACTOR'S ATTENTION TO THE PROBABILITY THAT THESE UTILITIES LIE WITHIN THE CONSTRUCTION LIMITS.

8 - UTILITY POLES WHICH LIE WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED OR RELOCATED BY THE OWNERS THEREOF UNLESS OTHERWISE SHOWN OR NOTED. OVERHEAD FACILITIES ARE TO BE MAINTAINED IN PLACE UNLESS OTHERWISE INDICATED.

9 - OWNERS OF EXISTING PRIVATE IMPROVEMENTS WHICH LIE WITHIN THE CHANNEL R/W HAVE BEEN NOTIFIED TO MOVE SAME PRIOR TO CONSTRUCTION. IF REMAINING AT THE TIME OF CONSTRUCTION SUCH IMPROVEMENTS WILL BE CONSIDERED AS ABANDONED IN PLACE EXCEPT AS OTHERWISE SPECIFICALLY INDICATED.

10 - QUANTITIES SHOWN ON THE DRAWINGS ARE ESTIMATED ONLY AND THE ACTUAL QUANTITIES OF WORK REQUIRED FOR CONSTRUCTION OF THE PROJECT MAY VARY FROM THOSE INDICATED.

11 - ALL TREES AND BRUSH ARE NOT SHOWN

SUMMARY CHANNEL EARTHWORK QUANTITIES

ITEM	DESCRIPTION	QUANTITIES
(2)	EXCAVATION, RECTANGULAR CHANNEL	118,500 CU.YDS.
(4)	COMPACTED FILL, RECTANGULAR CHANNEL	17,000 CU.YDS.
	COMPACTED BACKFILL, RECTANGULAR CHANNEL	10,350 CU.YDS.
(5)	MISCELLANEOUS FILL	17,600 CU.YDS.

REFERENCE DRAWINGS

RIGHT OF WAY - LACFCD DRWGS. NO. 89-RW 1-2, 89-RW 1-3, 89-RW 2-1, 89-RW 3-1, 89-RW 3-2, 89-RW 4.

SPRR BRIDGE - SPRR DRWG. NO. 33049, SHTS. 1 THRU 3.
SPRR DRWG. NO. B-4029.

TOPANGA CANYON BLVD. BRIDGE - STATE HIGHWAY DRWG. NO. P-53146 SHTS. 1 THRU 4.

STRUCTURAL NOTES

1 - REINFORCING STEEL - ALL BARS SHALL BE INTERMEDIATE GRADE BILLET STEEL ASTM A15-58T, WITH DEFORMATIONS CONFORMING TO ASTM A305-56T.

2 - ALL BAR BENDS AND HOOKS SHALL CONFORM TO THE "MANUAL OF STANDARD PRACTICE" ACI 315-57.

3 - INDICATED BAR SPACING IS CENTER TO CENTER OF BARS. BAR COVER IS CLEAR DISTANCE BETWEEN SURFACE OF BAR AND FACE OF CONCRETE, 2" UNLESS OTHERWISE SHOWN.

4 - ALL REINFORCING BARS SHALL TERMINATE 1½-INCHES FROM THE CONCRETE SURFACES UNLESS OTHERWISE SHOWN ON THE STRUCTURAL DETAILS.

5 - ALL SPLICES IN BAR REINFORCEMENT SHALL BE LAPPED 24 BAR DIAMETERS UNLESS OTHERWISE SHOWN OR NOTED.

6 - NO SPLICES IN PRINCIPAL REINFORCEMENT, OTHER THAN SHOWN ON THE DRAWINGS, WILL BE PERMITTED WITHOUT APPROVAL OF THE ENGINEER.

7 - LONGITUDINAL REINFORCEMENT IN OPEN CHANNEL AND BOX SECTIONS, UNLESS OTHERWISE SHOWN OR NOTED, SHALL BE PLACED PARALLEL TO THE CHANNEL CENTERLINE WITH SPACING MEASURED AT RIGHT ANGLES OR RADIALLY THERETO.

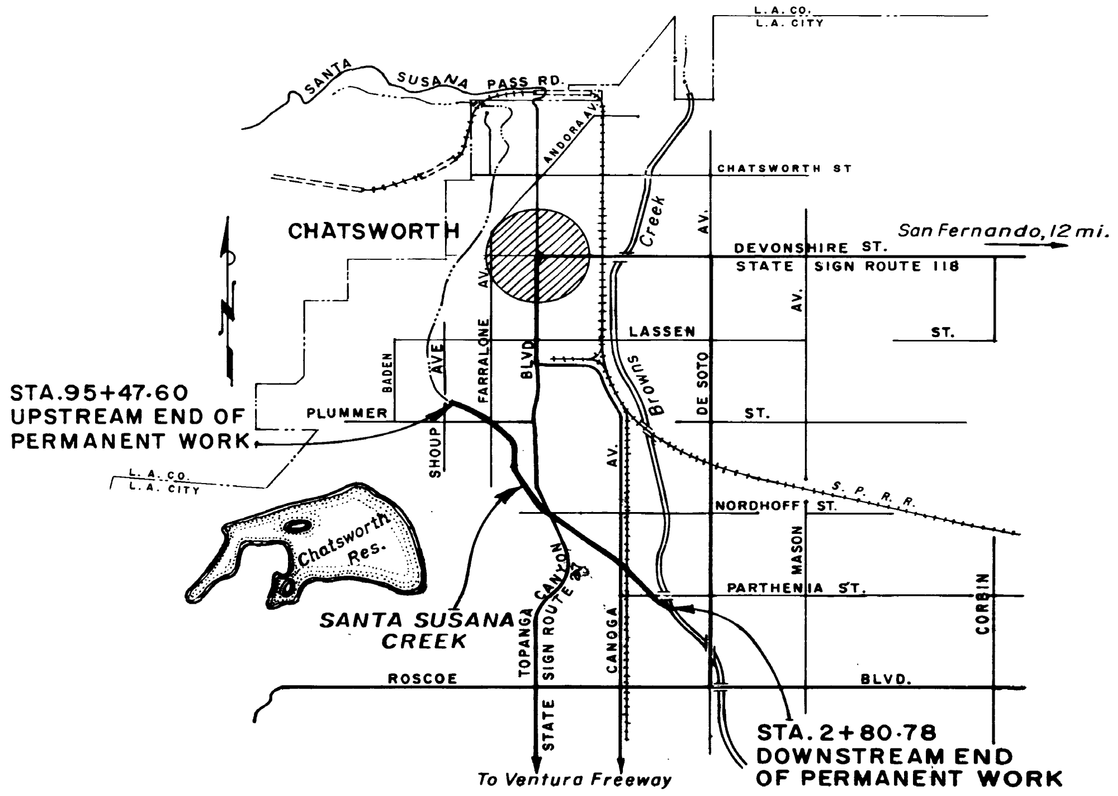
8 - EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED OR ROUNDED.

9 - ADDITIONAL NOTES PERTAINING TO SPECIFIC STRUCTURES WILL BE FOUND ON THE STRUCTURAL DETAIL DRAWINGS.

HYDRAULIC ELEMENTS

BOTTOM WIDTH = 28'-0" n = 0.014

STATION TO STATION	SLOPE	Q = c.f.s.	D_c ft.	D_n ft.	V_n ft./sec.
95+47.60 TO 83+94.77	0.0068	7,200	12.72	9.32	27.59
83+94.77 TO 83+04.77	0.0247	7,830	VARIES	VARIES	VARIES
83+04.77 TO 59+00	0.0040	7,830	13.45	12.00	23.30
59+00 TO 50+50	0.00526	7,830	13.45	10.85	25.77
50+50 TO 45+25	0.00526	8,000	13.64	11.02	25.93
45+25 TO 36+61.50	0.00675	8,000	13.64	10.06	28.40
36+61.50 TO 36+48.22	0.03765	8,000	13.64	—	—
36+48.22 TO 16+95	0.00675	8,000	13.64	10.06	28.40
16+95 TO 7+50	0.0087	8,000	13.64	9.20	31.06
7+50 TO 2+80.78	0.00658	8,000	13.64	10.16	28.12



LOCATION MAP

CITY OF LOS ANGELES, CALIFORNIA

0 ⅛ ½ ¾ 1 2
GRAPHIC SCALE IN MILES

ABBREVIATIONS

D.W.&P.-W.	CITY OF LOS ANGELES, DEPT. OF WATER & POWER-WATER SYSTEM.
D.W.&P.-P.	CITY OF LOS ANGELES, DEPT. OF WATER & POWER-POWER SYSTEM.
P.T.&T.	PACIFIC TELEPHONE & TELEGRAPH CO.
C.W.T.	CALIFORNIA WATER AND TELEPHONE CO.
S.C.G.	SOUTHERN CALIFORNIA GAS CO.
R/W	RIGHT OF WAY
P/L	PROPERTY LINE
P.P.	POWER POLE
T.P.	TELEPHONE POLE
W.M.	WATER METER
W.V.	WATER VALVE
F.H.	FIRE HYDRANT
M.H.	MANHOLE
A.C.	ASPHALTIC CONCRETE
A.C.W.S.	ASPHALTIC CONCRETE WEARING SURFACE
A.C.B.	ASPHALTIC CONCRETE BASE
R&O	ROCK AND OIL
R.C.P.	REINFORCED CONCRETE PIPE
C.P.	CONCRETE PIPE
I.P.	IRON PIPE
C.M.P.	CORRUGATED METAL PIPE
C.B.	CATCH BASIN
J.S.	JUNCTION STRUCTURE
C.F.	CURB FACE
W.S.	DESIGN WATER SURFACE
M.T.D.	MULTIPLE TILE DUCT
D.S.	DOWNSTREAM
U.S.	UPSTREAM

"AS BUILT" DRAWING

APPROVAL RECOMMENDED BY
G.W. Outland
ASST. CHIEF DEPUTY ENGINEER
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

PLANS PREPARED BY
U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
APPROVED:
3-5-65 Charles F. Bond
DATE PROJECT ENGINEER
DWG. NO. 7-S-11485 SHEET 1 OF 45

REVISIONS		
MARK	DATE	DESCRIPTION

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

SANTA SUSANA CREEK
BROWNS CREEK TO
100 FT. EAST OF SHOUP AVE.

LOCATION MAP,
INDEX AND NOTES

DRAWN BY SCS	DESIGNED BY SCS	APPROVED BY	
TRACED BY SCS		CHIEF ENGINEER	
CHECKED BY	SUBMITTED BY DNN	SCALE AS SHOWN	DATE NOV. 1964
RECOMMENDED BY R.B. Roche Jr. DIVISION ENGINEER (Design)			NO. 89-D6.1 SHEET 1 OF 46

TEGEN 1288KW-3 AGEPROOF FILM