

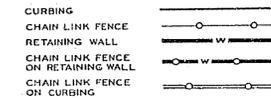
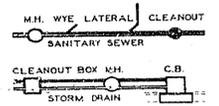
RIVERSIDE



CALIFORNIA

DEPARTMENT OF PUBLIC WORKS OLIVEWOOD AVENUE WIDENING PROSPECT AVENUE TO 13TH STREET LENGTH OF PROJECT 1850 FEET 0.35 MILE

CONSTRUCTION LEGEND

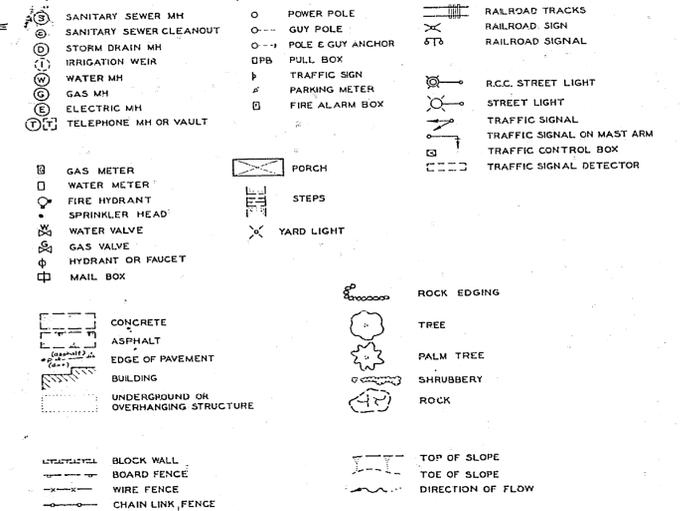


EXISTING CULTURE & UNDERGROUND LEGEND

EXISTING UNDERGROUND UTILITIES



EXISTING TOPOGRAPHY



SPECIAL CONSTRUCTION NOTES

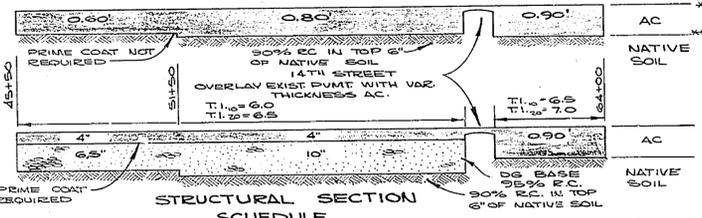
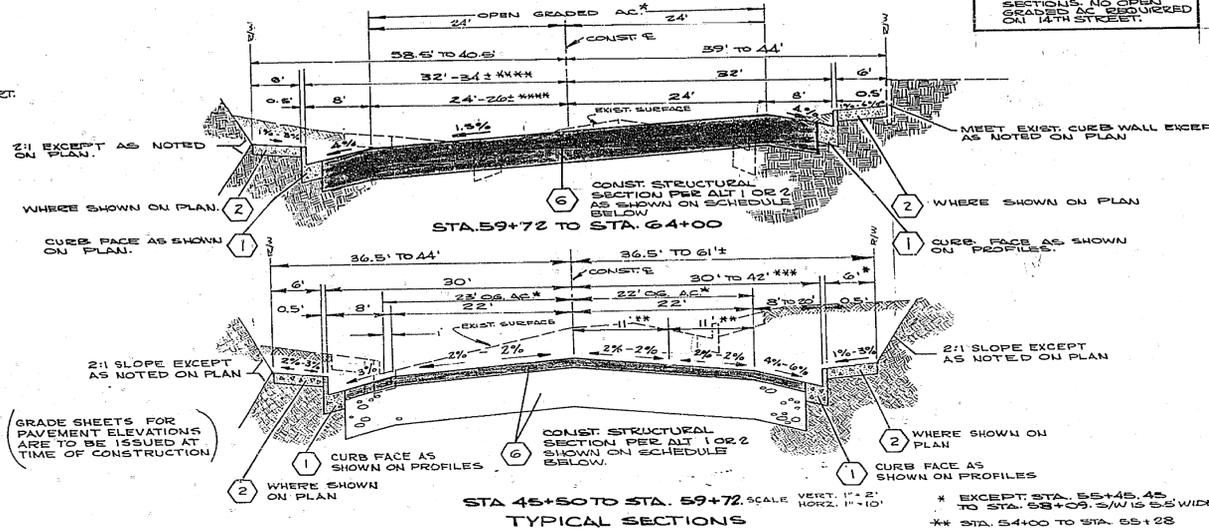
- SECTION LEGEND**
- SHADING LEGEND**
- CONST. CURB AND GUTTER PER STD. DWG. 200. CURB FACE AS NOTED ON CURB PROFILES.
 - CONST. SIDEWALK PER STD. DWG. 350A OR STD. DWG. 325A.
 - CONST. DRIVEWAY APPROACH PER STD. DWG. 302, A-10' AND B-17' EXCEPT AS NOTED ON THE PLAN. FINAL LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER. DEPRESS D/W AT BSW PER DETAIL BELOW.
 - REPLACE OR REGRADE DRIVEWAY TO GRADES AS DIRECTED BY THE ENGINEER. MATERIAL AS SHOWN ON PLAN.
 - CONST. STRUCTURAL SECTION PER ALT. 1 OR 2 OF STRUCTURAL SECTION SCHEDULE BELOW. USE 1.5-BS-100 AC.
 - OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONCRETE. USE TYPE 1 AC WITH AGGREGATE CLASS PER SCHEDULE BELOW ET. PLACE 2" OF ASPHALT CONCRETE OVER NATIVE SOIL (90% RELATIVE COMPACTION) USE 1.5-BS-100 AC.
 - ADJUST MANHOLE TO GRADE.
 - ENTIRE TREE REMOVED IN PRIOR CONTRACT. STUMPS MILLED TO 2" BELOW EXIST. SURFACE PER PLAN R-1262-7E.
 - CONST. TREE WELL PER STD. 326. OMIT COVERS.
 - CONST. PCC CURB WALL PER DETAIL BELOW.
 - CONST. PCC STAIRWAY PER DETAIL BELOW.

GENERAL CONSTRUCTION NOTES

- WHERE NEW CONST. IS INDICATED
 - CLEAR AND GRUB
 - REMOVE ALL CURB, GUTTER, SIDEWALK, AND PCC.
 - SCAFFRY OR REMOVE ALL AC PAVEMENT EXCEPT WHERE OVERLAY OF EXIST. PAVEMENT IS SHOWN ON PLAN.
- PROPOSED TELEPHONE, ELECTRIC (U.G.), STREET LIGHT, TRAFFIC SIGNAL, AND WATER CONSTRUCTION IS SHOWN ON THIS PLAN. FOR DESIGN PURPOSES AND CONVENIENCE OF THE CITY ENGINEER ONLY, THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION OF THESE FACILITIES FROM THE REFERENCE PLANS LISTED BELOW.
- RIGHTS-OF-ENTRY HAVE BEEN OBTAINED BY THE CITY FOR ALL WORK SHOWN OUTSIDE OF THE RIGHT-OF-WAY.

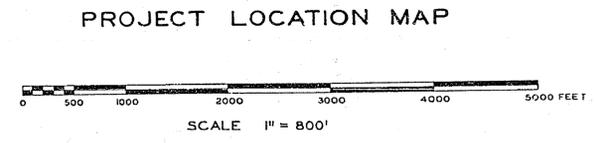
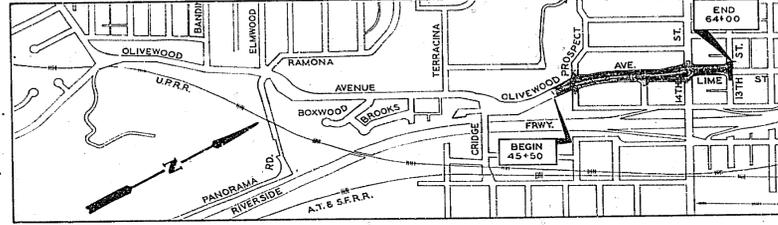
REFERENCE PLANS

- ELECTRIC UNDERGROUND..... US-0170
- STREET LIGHTS..... LS-4724
- TRAFFIC SIGNALS..... X-105
- WATER CONSTRUCTION..... DS-4759



TOTAL AC	REQUIRED COURSES
4"	2" FINISH 2" BASE
6"	0.25 FINISH 0.35 BASE 0.25 FINISH 0.35 BASE
9"	0.25 FINISH 0.25 BASE 0.40 BASE
2 1/2"	2 1/2" FINISH

THICKNESS	CLASS
0" - 1"	D
1" - 1 1/2"	C
1 1/2" - 6"	B

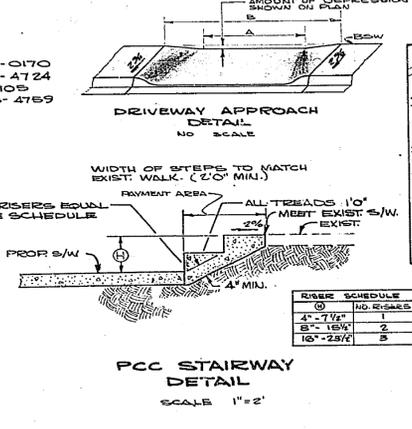
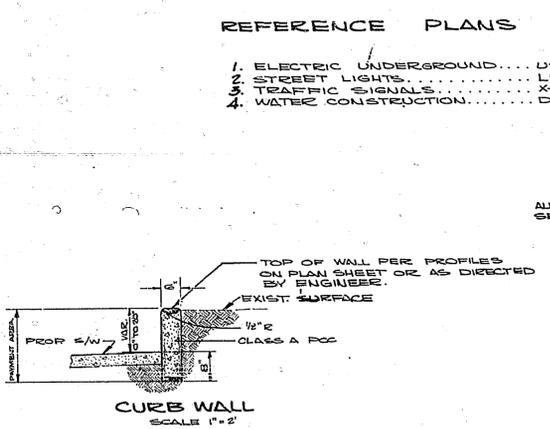


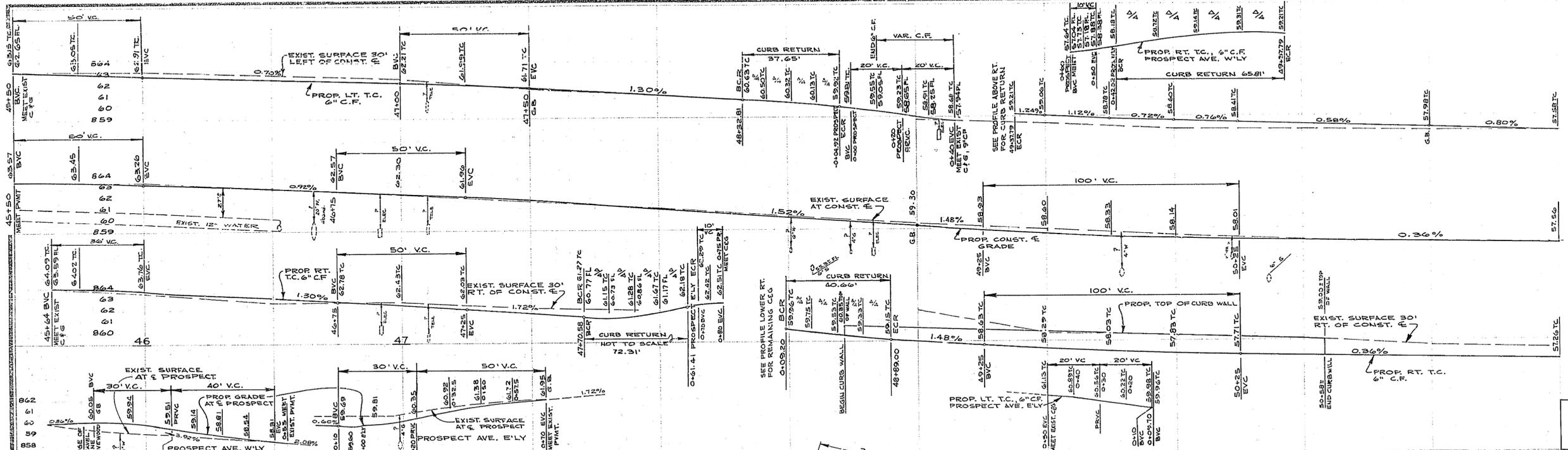
SEE SHEET 5 FOR NOTES AND DETAILS FOR LOWERING AND/OR ENCASING OF CONFLICTING SEWER LATERALS

**OLIVEWOOD AVE. WIDENING
PROSPECT AVE. TO 13TH STREET**

APPROVED BY: [Signature] DATE: 4-3-70
 OFFICE ENGINEER: [Signature] DATE: 3-24-70
 TRAFFIC DIVISION: [Signature] DIRECTOR OF PUBLIC WORKS
 ASSISTANT CITY ENGINEER: [Signature] DATE: 4-3-70

PROJECT NO. 3104
R-1262
 SHEET 1 OF 5
 S.S. NO. 319

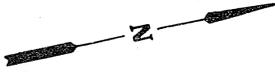




860
59
58
57
856
860
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856
862
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58
857

F.B. 716, 730, 731, 740
 B.M. P.K. NAIL IN LEAD 5' E
 OF ECR ON SE CURB
 RETURN AT 14TH STREET.
 ELEV. 858.421

-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND



CURB RETURN DATA
 R=35'
 Δ=18°21'52"
 T=58.67'
 L=72.31'

CURB RETURN DATA
 R=35'
 Δ=17°44'09"
 T=47.94'
 L=60.51'

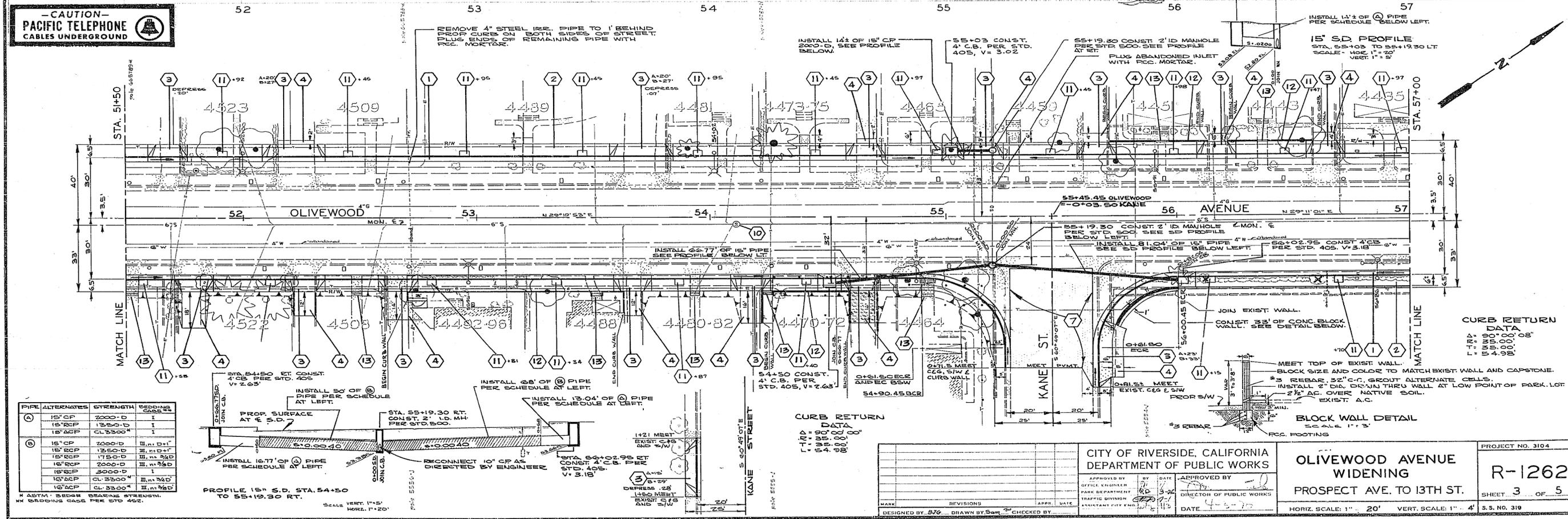
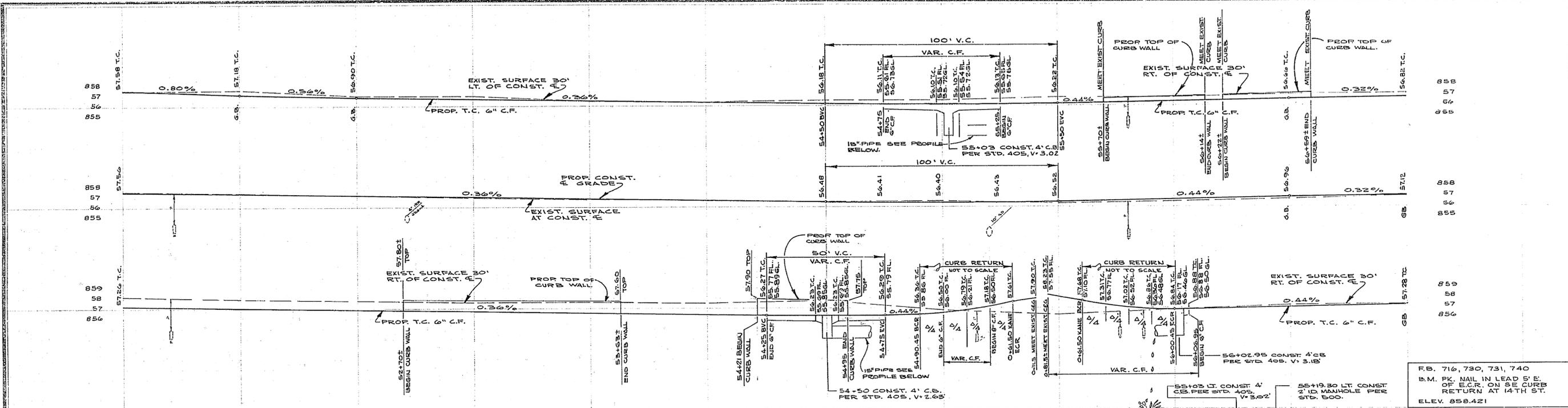
Curve Data
 R=490'
 Δ=28°23'26"
 T=153.95'
 L=242.80'

BEGIN CONST.

CURB RETURN DATA
 R=35'
 Δ=18°21'52"
 T=58.67'
 L=72.31'

CURB RETURN DATA
 R=35'
 Δ=18°23'21"
 T=58.67'
 L=72.31'

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		OLIVEWOOD AVENUE WIDENING PROSPECT AVE. TO 13TH ST.		PROJECT NO. 3104
APPROVED BY OFFICE ENGINEER TRAFFIC DIVISION ASSISTANT CITY ENGINEER	DATE 4-3-70	APPROVED BY DIRECTOR OF PUBLIC WORKS	DATE 4-3-70	R-1262
DESIGNED BY: <i>BVG</i>	DRAWN BY: <i>SWH</i>	CHECKED BY:	HORIZ. SCALE: 1" = 20'	VERT. SCALE: 1" = 4'
				SHEET 2 OF 5
				S.S. NO. 310



CAUTION
PACIFIC TELEPHONE
CABLES UNDERGROUND

PIPE ALTERNATES	STRENGTH	BEDDING
(A) 15" CP	2000-D	I
15" RCP	1350-D	I
15" ACP	CL 3300	I
(B) 15" CP	2000-D	III, n. 1/2"
15" RCP	1350-D	III, n. 3/4"
15" RCP	2000-D	III, n. 3/4"
15" RCP	3000-D	I
15" ACP	CL 3300	III, n. 3/4"
15" ACP	CL 3300	III, n. 3/4"

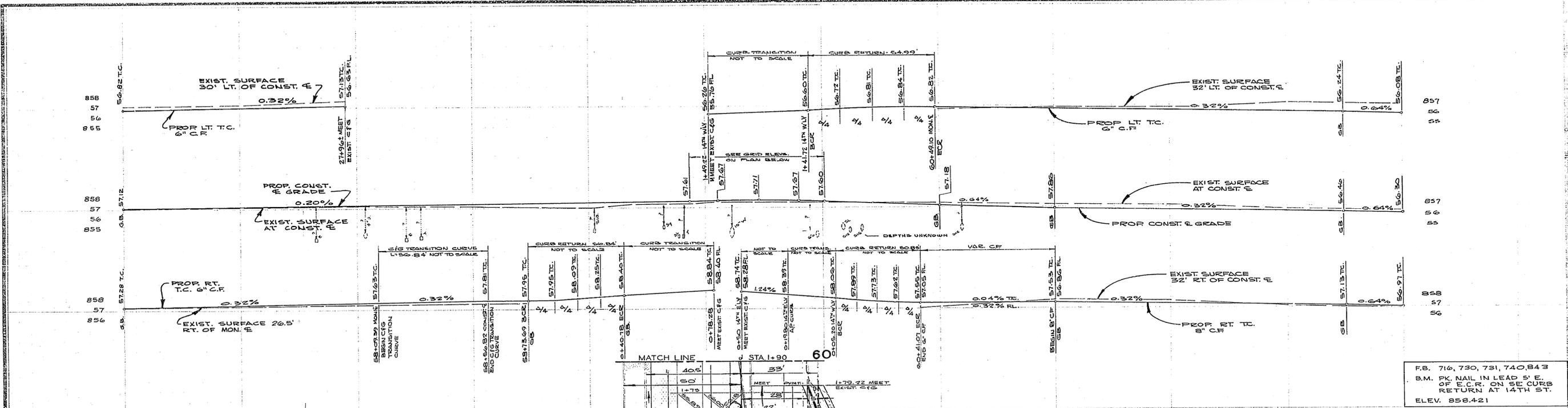
N.B. - ALL BIRDS BEARING STRONG
IN BRIDGING CASE PER STD 462.

F.B. 716, 730, 731, 740
B.M. PK. NAIL IN LEAD 5'E.
OF E.C.R. ON SE CURB
RETURN AT 14TH ST.
ELEV. 858.421

CURB RETURN DATA
Δ = 90° 00' 08"
RT = 55.00' 08"
LT = 54.98'

BLOCK WALL DETAIL
SCALE 1" = 3'

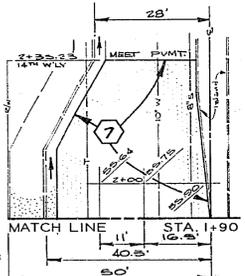
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		OLIVEWOOD AVENUE WIDENING PROSPECT AVE. TO 13TH ST.		PROJECT NO. 3104
APPROVED BY	DATE	APPROVED BY	DATE	R-1262
OFFICE ENGINEER	7/1/77	DIRECTOR OF PUBLIC WORKS	7/1/77	SHEET 3 OF 5
TRAFFIC DIVISION	7/1/77	DATE	7-5-77	S.S. NO. 310
DESIGNED BY 576	DRAWN BY 587	CHECKED BY		



FB. 716, 730, 731, 740, 843
 B.M. P.V. NAIL IN LEAD 5' E.
 OF E.C.R. ON SE CURB
 RETURN AT 14TH ST.
 ELEV. 858.421



**CONSTRUCTION E
 CURVE DATA**
 $\Delta = 18^\circ 36' 42''$
 $R = 440.00'$
 $T = 72.10'$
 $L = 142.93'$



CURB RETURN DATA
 $\Delta = 90^\circ 00' 48''$
 $R = 35.00'$
 $T = 35.00'$
 $L = 34.99'$

BSW CURVE DATA

①
 $\Delta = 67^\circ 55' 27''$
 $R = 24.00'$
 $T = 16.50'$
 $L = 29.05'$

②
 $\Delta = 40^\circ 58' 09''$
 $R = 19.00'$
 $T = 7.04'$
 $L = 13.48'$

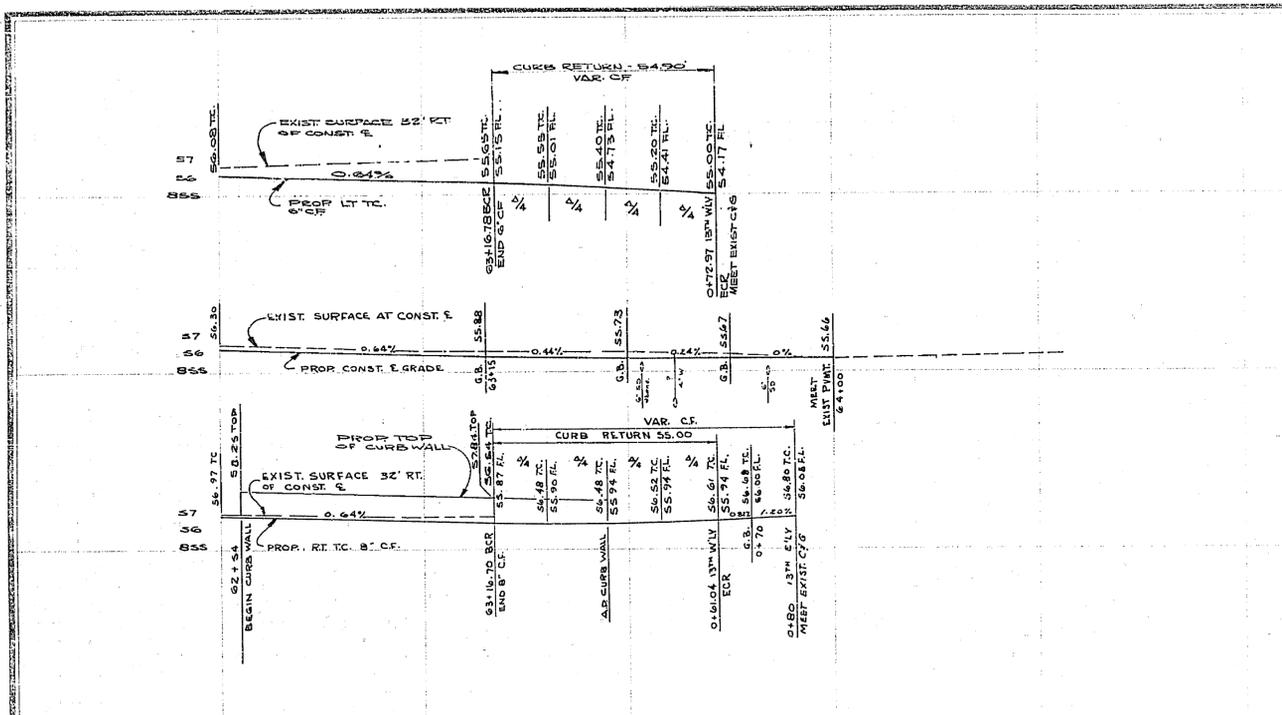
BSW CURVE DATA
 $\Delta = 82^\circ 16' 48''$
 $R = 22.21'$
 $T = 19.40'$
 $L = 31.90'$

**CONSTRUCTION E
 CURVE DATA**
 $\Delta = 13^\circ 32' 50''$
 $R = 440.00'$
 $T = 71.50'$
 $L = 142.43'$

CURB RETURN DATA
 $\Delta = 83^\circ 14' 15''$
 $R = 35.00'$
 $T = 31.00'$
 $L = 50.85'$

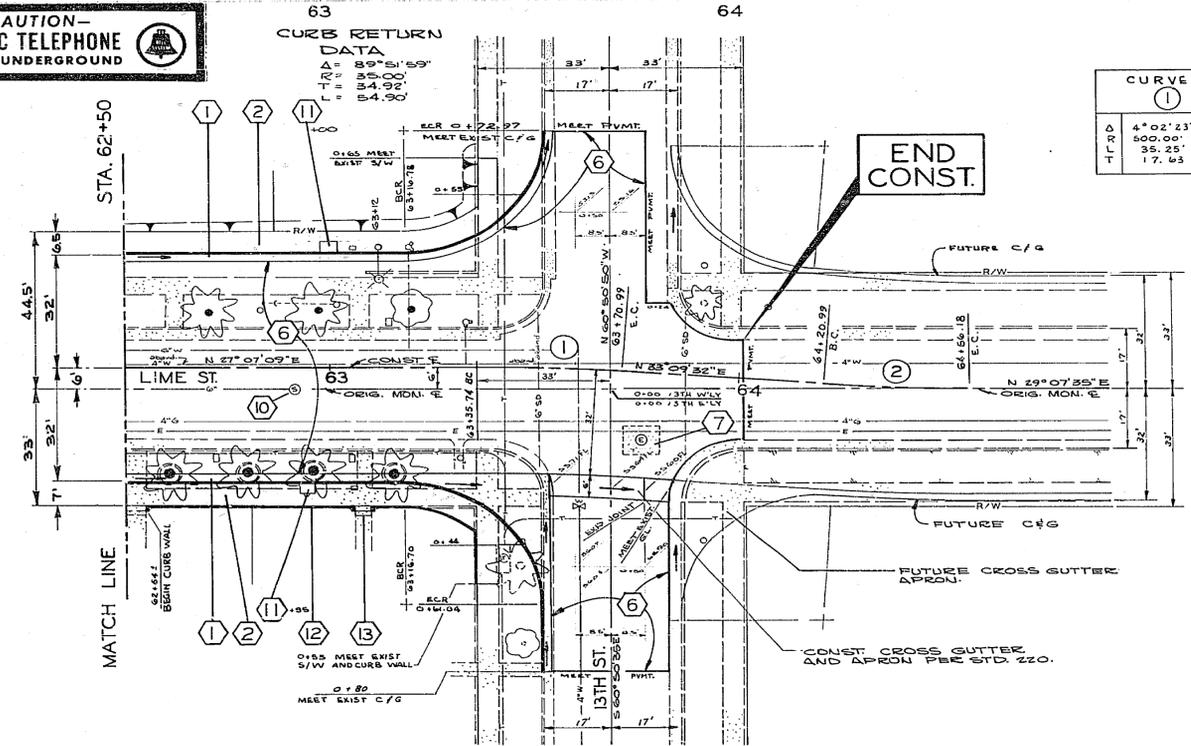


CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		OLIVEWOOD AVENUE WIDENING PROSPECT AVE. TO 13TH ST.		PROJECT NO. 3104 R-1262 SHEET 4 OF 5
DESIGNED BY: BTG DRAWN BY: S. J. [unclear] CHECKED BY: [unclear]	APPROVED BY: [unclear] OFFICE ENGINEER PARK DEPARTMENT TRAFFIC DIVISION ASSISTANT CITY ENG.	APPROVED BY: [unclear] DIRECTOR OF PUBLIC WORKS	DATE: [unclear]	HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4' S.S. NO. 310



F.B. 716, 730, 731, 740, 843
 B.M. PK NAIL IN LEAD 5' E.
 OF E.C.R. ON SE CURB
 RETURN AT 14TH ST.
 ELEV. 858.421

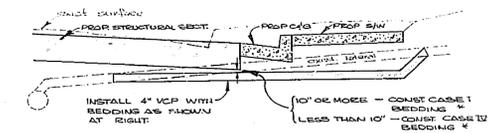
-CAUTION-
PACIFIC TELEPHONE
 CABLES UNDERGROUND



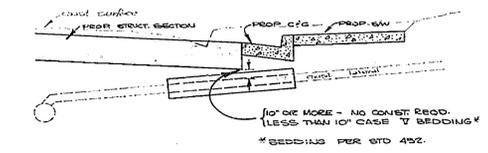
CURVE DATA	
①	②
Δ = 4° 02' 23"	4° 01' 57"
T.P. = 500.00'	500.00'
L = 35.25'	35.12'
E.C. = 17.63'	17.60'

CONFLICTING SEWER LATERALS

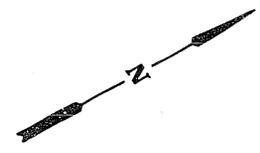
- NOTES:
1. CONFLICTING SEWER LATERALS (WITHIN 10' OF PROP STRUCTURAL SECTION) SHALL BE LOWERED AND/OR ENCASED PER ALTERNATE 1 OR 2 AT RIGHT, AS DETERMINED AT TIME OF CONSTRUCTION BY THE ENGINEER.
 2. EXACT LIMITS OF LOWERING AND/OR ENCASEING SHALL BE DETERMINED BY THE ENGINEER AT TIME OF CONSTRUCTION.
 3. THE CONTRACTOR SHALL EXPOSE EXIST LATERALS AND OTHER UTILITIES AS NECESSARY FOR THE ENGINEER TO DETERMINE THE LIMITS AND GRADE OF LOWERING AND/OR ENCASEMENT.



ALTERNATE 1 - LOWER LATERAL



ALTERNATE 2 - ENCASE EXIST LATERAL
 NO SCALE



CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		PROJECT NO. 3104	
APPROVED BY: OFFICE ENGINEER PAVEMENT DIVISION ASSISTANT CITY ENG.	BY: R.S. DATE: 7/26	APPROVED BY: DIRECTOR OF PUBLIC WORKS	OLIVEWOOD AVENUE WIDENING PROSPECT AVE. TO 13TH ST.
DESIGNED BY: <i>SVG</i>	DRAWN BY: <i>SP</i>	CHECKED BY:	R-1262 SHEET 5 OF 5
HORIZ. SCALE: 1" = 20'		VERT. SCALE: 1" = 4'	
S.S. NO. 310			