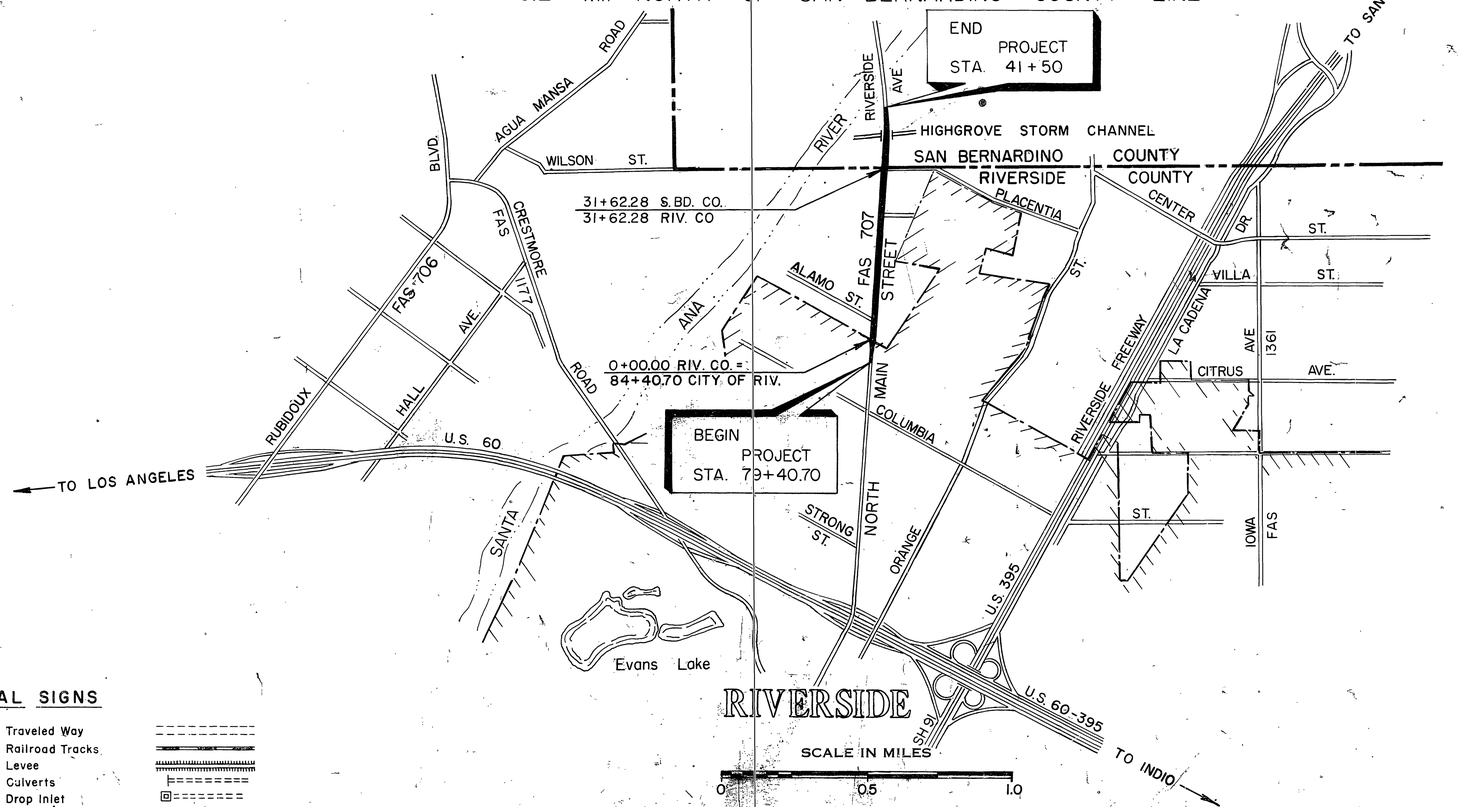
DIST.	COUNTY	PROJECT	SHEET No.	TOTAL SHEETS
08	Riv SBd	707-CR	1	15
		S-SU-707(3)		

INDEX OF SHEETS

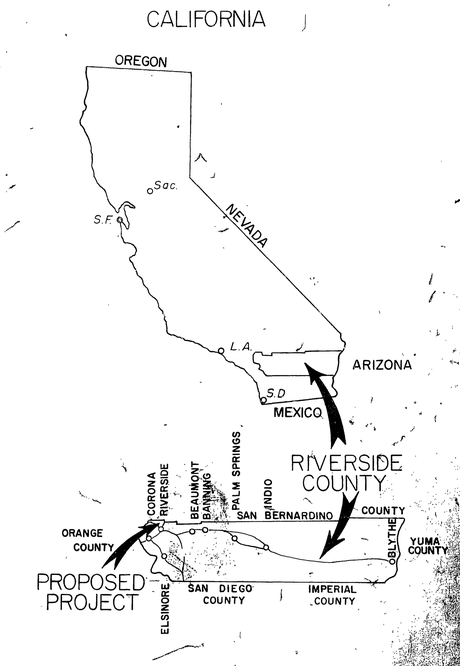
SHEET No. 1 TITLE PAGE
SHEET No. 2 TYPICAL SECTION
SHEET NO. 3-5 PLAN & PROFILE
SHEET NO. 6 STRIPING PLAN LAYOUT
SHEET NO. 7 DRAINAGE & FARM CROSSING DETAILS
SHEET NO. 8 DRAINAGE, FARM CROSSING, BRIDGE RAILING & MISCELLANEOUS DETAILS
SHEET NO. 9-14 STANDARD DETAILS
SHEET NO 15 FEDERAL CONSTRUCTION IDENTIFICATION SIGNS

SHEET NO. 1-35 CROSS-SECTIONS

STATE OF CALIFORNIA
HIGHWAY TRANSPORTATION AGENCY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
PLANS FOR CONSTRUCTION ON
RIVERSIDE AND SAN BERNARDINO COUNTY HIGHWAY
FEDERAL AID SECONDARY PROJECT
NO. S-SU-707(3)
NORTH MAIN ST. — RIVERSIDE AVE.
BETWEEN
0.1 MI. SOUTH OF RIVERSIDE CITY LIMITS AND
0.2 MI. NORTH OF SAN BERNARDINO COUNTY LINE



NET LENGTH 0.881 MILE



08 480054

A. C. Keith
ROAD COMMISSIONER R. C. E. NO. 4388

CHAIRMAN, BOARD OF SUPERVISORS

DISTRICT ENGINEER

CITY & COUNTY PROJECTS ENGINEER R. C. E. NO. 6522

APPROVED December 14, 1964

J. C. WOMACK
STATE HIGHWAY ENGINEER
R. C. E. NO. 5945

BY DEPUTY STATE HIGHWAY ENGINEER
REGISTERED CIVIL ENGINEER NO. 5645

Contract No. 480054

*AS-BUILT 1-06-06 4H

CONVENTIONAL SIGNS

County Line		Traveled Way	
City or Town Limits		Railroad Tracks	
Township Line		Levee	
Section Line		Culverts	
Grant Line		Drop Inlet	
Fence		Power Pole	
Guard Rail		Power Tower	
Unfenced Property		Telegraph or Telephone Pole	
Right of Way Line			
Base or Survey Line	380	Marsh	

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B.P.R. DIV. NO.	STATE	FEDERAL PROJECT NO.		SHEET NO.	TOTAL SHEETS
7	CALIF.	S-SU-707(3)		2	15

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
08	RIV-SBD	707	CR	2	15

A. C. Keith
ROAD COMMISSIONER R.C.E. NO. 4388

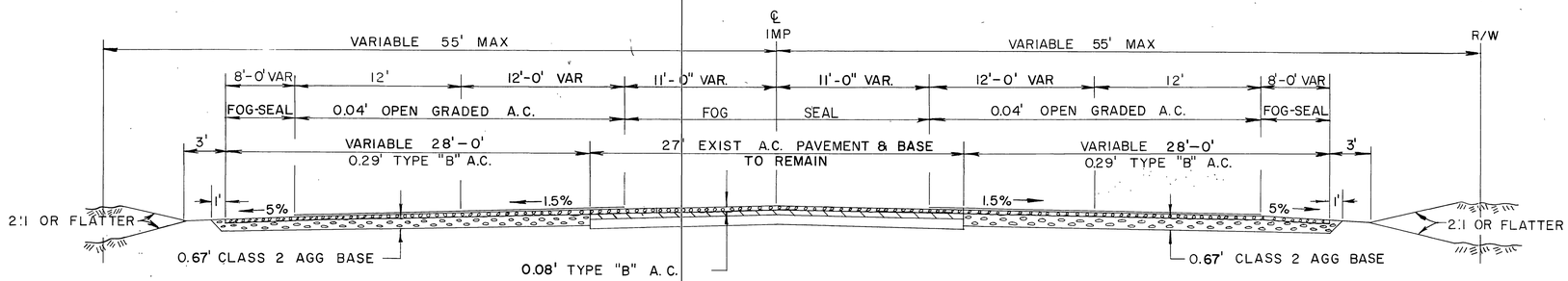
DISTRICT ENGINEER DIST. VIII

APPROVED December 14, 1964

CITY & COUNTY PROJECT ENGINEER R.C.E. NO. 6522

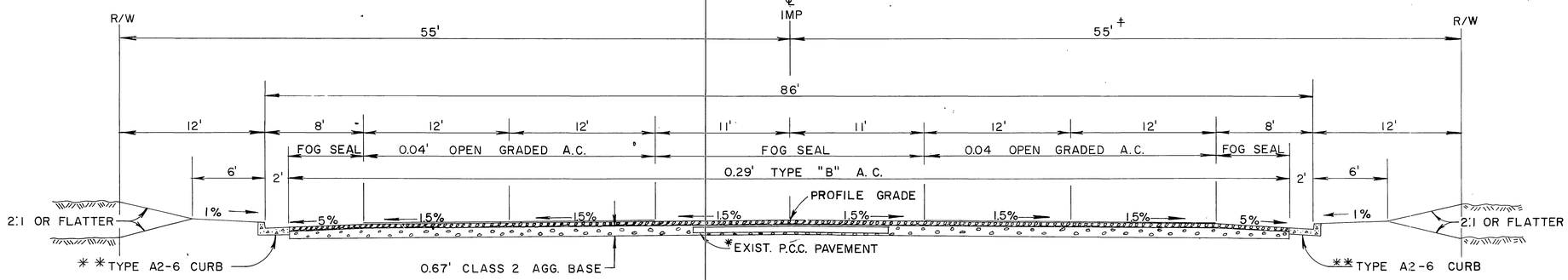
ASSISTANT STATE HIGHWAY ENGINEER
REGISTERED CIVIL ENGINEER NO. 6692

DESIGN DESIGNATION
ADT (63) = 5,000 D = 50.9%
ADT (83) = 15,000 T = 5.9%
DHV = 2,450 V = 45



STA 35+80.16 TO STA 41+50

‡ 53.5' STA. 15+56 TO STA. 16+50

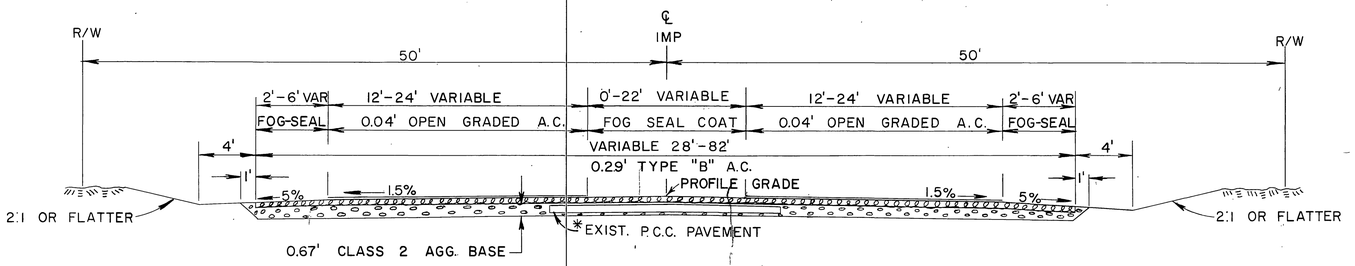


STA 0+00 TO STA 35+80.16

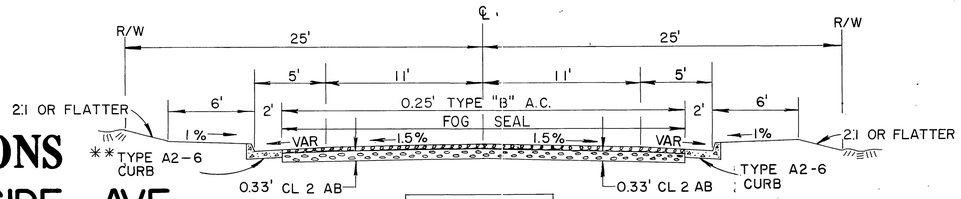
NOTE

* EXIST. 0.5'X16' P.C.C. PAVEMENT TO BE REMOVED. BEGIN PROJECT TO STA 31+62.28

* * TYPE A2-8 CURB
STA 30+46.50 TO STA 35+42 LT.
STA 31+60 TO STA 35+92 RT.
PLACENTIA AVE. LT.



STA 79+40.70 TO STA 84+40.70



SIDE STREETS	
PLACENTIA	AVE
BARTLETT	RD

LEGEND

- ASPHALT CONC. (A.C.)
- AGGREGATE BASE (AB)
- AGGREGATE SUBBASE (AS)
- ORIGINAL GRD.
- OPEN GRADED ASPHALT CONCRETE OVER TYPE A,B OR C ASPHALT CONC. (OR GR. A.C.)

DIMENSIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.

TYPICAL ROAD SECTIONS
NORTH MAIN ST. — RIVERSIDE AVE.
VIII-RIV, S.BD.-S-SU-707(3)

SCALE 1" = 5'

08 [illegible]0054

* AS-BUILT 1-06-06 4H

Indexed RKE
RE-INDEXED Kgs

R-2275

B.P.R. DIV. NO.	STATE	FEDERAL PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF	S-SU-707(3)	3	15

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
08	RIV.	707	CR	3	15

ROAD COMMISSIONER A. C. Keith R.C.E. NO. 4388

DISTRICT ENGINEER DIST. VIII

APPROVED December 14, 1964

CITY & COUNTY PROJECT ENGINEER R.C.E. NO. 6522

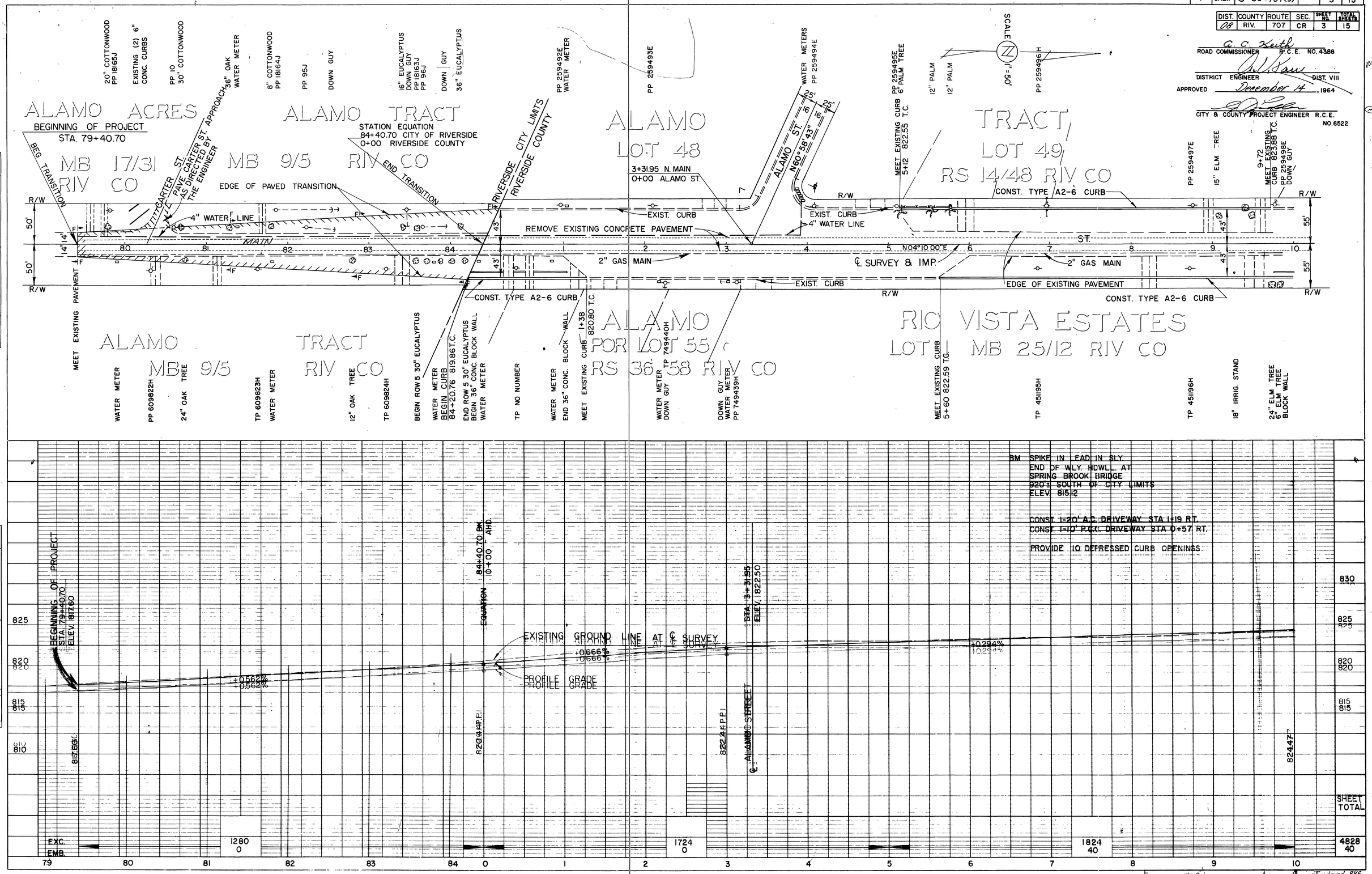


PLATE 1 - PLAN PROFILE B P R STANDARD
THE FREDERICK POST CO., CHICAGO

*AS-BUILT 1-06-06 4H

Indexed RKE
RE-INDEXED

R-2275

sheet 3 of 13

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
08	RIV.	707	CR	4	15

DIST.	STATE	FEDERAL PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF	S-SU-707(3)	4	15

G. C. Keith
ROAD COMMISSIONER R. C. E. NO. 4388

DISTRICT ENGINEER DIST. VIII

APPROVED December 14, 1964

CITY & COUNTY PROJECT ENGINEER R.C.E. NO. 6522

PW 04-1027

DAVID EVANS & ASSOC., INC.
800 N. HAVEN AVE. #300
ONTARIO, CA. 91768
TEL. (909) 481-5750

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE # 30955
EXPIRATION DATE 4-12-05

PREPARED UNDER THE SUPERVISION OF
JEFFREY KARL RUPP DATE 12/28/04
EXP. 3-31-06

JEFFREY KARL RUPP No. 52868 EXP. 3-31-06 CIVIL STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER

REVISIONS
1 SIDEWALK & DWY. IMP'S FOR PM 32234
RVR 1-6-05
APPROVED BY DATE

PLAN — SURVEYED, PLOTTED, DRAWN, CHECKED, R. M.'s NOTED, STRUCTURE NO(AT M'KS CHKD.), NOTE BOOK, NO., ALIGNMENT CHECKED, RT. OF WAY CHECKED, BY, DATE

PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, R. M.'s NOTED, STRUCTURE NO(AT M'KS CHKD.), NOTE BOOK, NO.

LOT 49 RS 14/48 RIV CO

ALAMO TRACT

LOT 50

LOT 51

PROPOSED PM 32234 (REFER TO PM04-0496 FOR ONSITE GRADING PLANS)

RIO VISTA ESTATES

LOT 1 MB 25/12 RIV CO

ALAMO TRACT LOT 54

BARTLETT MB

SUBDIVISION 14/43 RIV CO

MEET EXISTING CURB 10+97 82443 T.C.

6" WOVEN WIRE FENCE

PP 2594936 3" RAIL FENCE 8" ELM TREE

30" PCC WALK

30" ELM TREE

30" ELM TREE

PP 2595006

6' CORRAL FENCE

PP 2625016

CORRAL FENCE

PP 2625026

36" COTTONWOOD TREE
24" IRRIG. STD. PIPE
36" COTTONWOOD
8" FRUIT TREE
20" PALM TREE ORNAMENTAL PP 2625036
10" APPLE TREE
18" TREE
3" WALNUT TREE
24" PECAN TREE
5" WALNUT TREE

PP 2625046

24" STD. PIPE
3/4" RISER & HOSE BIB

8" CONC. CURB AROUND PLANTER / 6' SIGN, FLAG POLE, SPRINKLER HEADS & FLOOD LIGHTS

PLANTER / 6" CONC. CURB

6" CONC. CURB
5' FRUIT TREE

8" BLACK WALNUT TREE
PP 2625056

30" IRRIG. STD. PIPE

PP 2625066

16" WALNUT TREE

18" PINE TREE
1½" I.P. FENCE POSTS
6' HEDGE

10" FRUIT TREE

8" IRRIG. STD. PIPE
6" FIR TREE
8" CONC. CURB
8" CONC. CURB

IRRIG. STD. PIPE PP 2625076

30" BLACK WALNUT TREE

10" FRUIT TREE

PROPERTY LINE

SCALE 1" = 50'

CONST. TYPE A2-6 CURB

15+31.06 N. MAIN ℄ GARNER ROAD

℄ SURVEY & IMP.

NORTH N04° 10' 00"E

23+16.00 N. MAIN 0+00 BARTLETT

MAIN ST.

BARTLETT

EXISTING SIDEWALK

6.5' WIDE SIDEWALK CITY STD. 949

2" GAS MAIN

REMOVE EXISTING CONCRETE PAVEMENT

DEPRESS CURB 35' AND PAVE APPROACH AS DIRECTED BY THE ENGINEER

GARNER RD.

S 81° 15' 30"E

ST. PAUL TRANS. CO.

CONST. TYPE A2-6 CURB

CONST. CROSS GUTTER

22+64.90 L 830.26 T.C.

23+66.90 830.69 T.C.

0+78.06 830.74 T.C.

0+77.94 830.74 T.C. MEET EXIST. RDWY.

1+25 MEET EXIST. PAVEMENT

CONST TYPE A2-6 CURB

18+20.0 ℄ PARKWAY DRAIN APWA STD. 151-1, TYPE III (S=2.0', R=5', T=5.35', 28.45' FL.)

R&R 6" CURB CITY STD. 200 TYPE 1, 6" CF

20+91.9 ℄ PARKWAY DRAIN APWA STD. 151-1, TYPE III (S=2.0', R=5', T=5.35', 28.44' FL.)

20+46.4 E.C.R. 28.47' FL. (28.41' FL.)

WHEELCHAIR RAMP CITY STD. 304, TYPE III

21+62.9 E.C.R. 28.47' FL.

4' SIGN CITY STD. 200

FLOOD LIGHTS R&R 6" CF CITY STD. 200

4" CONC. CURB
8" IRRIG. PIPE
BEGIN 4" CONC. CURB
12' JUNIPER TREE
2.5 PCC WALK
HOUSE

CURB RETURN DATA
Δ = 90° - 03' - 55"
R = 35'
T = 35.04
L = 55.02

CURB RETURN DATA
Δ = 89° - 56' - 05"
R = 35'
T = 34.96
L = 54.94

6" ELM TREE TP 372896E
10" ELM TREE
10" ELM TREE
10" ELM TREE 4" CHERRY TREE TP 410949H
4" ELM TREE TP 377721E DOWN GUY
TP 419020H
TP 451197H DOWN GUY
TP 451198H DOWN GUY
CONC. PUMP ISLAND LIGHT POLE
TP 717192H
TP 467875H
4" CONC. CURB
8" IRRIG. PIPE
BEGIN 4" CONC. CURB
12' JUNIPER TREE
2.5 PCC WALK
HOUSE
BARTLETT
S85° 50' 00"E
TP 717193H
30" BLACK WALNUT TREE
24" BLACK WALNUT TREE
6' SYCAMORE TREE
TP 737200H

BM CHIS. "□" ON S.W. COR. P.C.C. WALK 49' RT. STA. 15+79 ELEV. 828.22

PROVIDE 20 DEPRESSED CURB OPENINGS

℄ GARNER RD. 15+31.06

+0.294% +0.630% +0.417%

PROFILE GRADE

EXISTING GROUND LINE AT ℄ SURVEY

EXISTING T.C. AT 45' LEFT OF ℄

℄ BARLETT AVE. 23+16.00

23+16.00 ℄ N. MAIN 0+11

C: 35 E.P. E: L C: 43 E: L

MEET EXISTING PAVEMENT 1+25

℄ PROFILE GR.

℄ EX. ST. GRD.

.86% 50' V.C.

824.47 824.76 P.I. 827.91 P.I. 832.08

830.90 830.73 830.37 829.91 830.57 830.91 831.06

PROFILE GRADE BARTLETT AVE

EXC. EMB.

2446 4

2010 40

1447 75

5903 119

SHEET TOTAL

*AS-BUILT 1-06-06 ℄

Indexed RKE RE-INDEXED Kgs

PLATE 1—PLAN PROFILE B. P. R. STANDARD THE FREDERICK POST CO., CHICAGO

R-2275

sheet 4 of 15

B. P. R. DIV. NO	STATE	FEDERAL PROJECT NO.		SHEET NO.	TOTAL SHEETS
7	CALIF	S-SU-707(3)		5	15

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
08	RIV.S.BD.	707	CR	5	15

A. C. Huth
ROAD COMMISSIONER R.C.E. NO. 4388

DISTRICT ENGINEER DIST. VIII

APPROVED December 14, 1964

CITY & COUNTY PROJECT ENGINEER R.C.E. NO.6522

SCALE 1" = 50'

CURVE DATA
SURVEY LINE
Δ = 10° 41' 28"
R = 3,511.16'
T = 328.54'
L = 655.16'

ALAMO TRACT
LOT 51
MB 9/5
RIV CO

LOT 52
B A N D I N I D O N A T I O N
RIVERSIDE COUNTY
SAN BERNARDINO COUNTY

ALAMO TRACT
LOT 53
MB 9/5
RIV CO

MB 3/24
SAN BERNARDINO CO

15" ELM TREE
14" ELM TREE
IRRIG. VALVE & 20" CONC FLUME
16" WALNUT TREE
PP 262508E
12" ELM TREE
10" MAPLE TREE
12" WALNUT TREE
15" CEDAR TREE
JOIN EXIST CURB STA 28+00 EL 832.48 TC
SEE TRANSITION DETAIL SHEET NO. 8
DOWN GUY
PP 262509E/SIDEWALK GUY
9' MISSING 3' BLOCK WALL
MEET EXISTING CURB 30+46.5
PP 262510E / SIDEWALK GUY
REMOVE & REPLACE EXISTING TYPE A2-8 CURB
3' CONC. BLK. WALL
PP 262511E
PP 262512E
PP 262513E
PP 262514E
PP 262515E
PP 262516E
HIGHGROVE STORM
34+94.84
INSTALL BRIDGE RAILING SEE DETAIL SHEET NO. 8
FARM CROSSING TO BE RECONSTRUCTED SEE DETAIL SHEET NO 7 & 8
REMOVE EXISTING FARM CROSSING
JOIN EXIST ROWY END TRANS
℄ SURVEY
EXISTING PAVEMENT
℄ EXIST ROAD & IMP
℄ SURVEY & IMP.
REMOVE EXISTING CONCRETE PAVEMENT
CONST. TYPE A2-6 CURB
EXIST. TYPE A2-8 CURB
END TYPE A2-8 CURB
R/W
55'
43'
NORTH
MAIN
RIVERSIDE AVE
31+36.67 ℄ N MAIN
0+00 PLACENTIA AVE.
35+80.16 BEG TRANS
℄ EXIST. CULV.
END 2" GAS MAIN
CONST "X" GUTTER
31+62.28
31+94.09
834.55 T.C.
30+91.76
834.14 T.C.
END TYPE A2-6 CURB 0+74.17
834.30 T.C.
0+82.34 BEG TYPE A2-8 CURB
834.39 T.C.
PLACENTIA AVE
S89°34'55"W
EXTEND TRIPLE 8' X 4' BOX CULVERT RT. & LT SEE DETAIL SHEET NO 7 & 8
INSTALL BRIDGE RAILING SEE DETAIL SHEET NO. 8
CHANNEL
END PROJECT STA 41+50
12" ELM TREE
16" ELM TREE
36" CHINABERRY TREE
TP 752401H
10" FRUIT TREE
8" FRUIT TREE
GUY POLE 977725E
4" FRUIT TREE
18" IRRIG. STD PIPE
FISH POND
4" TREE
TP 485008H
POOL
ROCK GARDEN
4' CONC. WALK
ROCK PILE
TP 485009H
TP 485010H
DOWN GUY
TP 485223H
BEGIN ROW FENCE POSTS
CURB RETURN DATA
Δ = 85° 24' 55"
R = 35'
T = 32.31'
L = 52.18'
CURB RETURN DATA
Δ = 94° 05' 05"
R = 35'
T = 37.92'
L = 57.78'
EXIST. PAVEMENT
MEET EXIST. PAVEMENT
TP 737196H
DOWN GUY
PP 1391783E
DOWN GUY TP NO NUMBER
PP 1391782E
TP 1391781E
GUY POLE NO NUMBER

B.M. CONC. NAIL WITH FLAG 50'± N.E. OF BOX CULVERT ON S/S OF TOP OF CONC. CHANNEL BANK ELEV. 835.97

CONST 1-24' A.C. DRIVEWAY LT STA 31+45
PROVIDE 10 DEPRESSED CURB OPENINGS

℄ PLACENTIA AVE 31+36.67

℄ PROFILE GR.
℄ EXIST GRD
31+36.67 ℄ N MAIN
0+11
0.35 E.P.
0.43 F.L.
+1.08%
50' V.C.
834.76
834.60
834.24
833.84
834.73
834.92
834.97
MEET EXIST. PAVEMENT
PROFILE GRADE PLACENTIA AVE
℄ HIGHGROVE CHANNEL 35+80.16 ELEV 836.55
END OF PROJECT STA. 41+50 ELEV. 841.89
EXISTING GROUND LINE AT ℄ SURVEY
+0.404%
PROFILE GRADE
+0.417%
+0.60%
832.08
832.91 P.I.
834.41 P.I.

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	SHEET TOTAL	GRAND TOTAL
EXC		1527					2398						768				4693	15,424 CY.
EMB		28					33						457				518	677 CY.

PLATE 1—PLAN PROFILE B. P. R STANDARD

*AS-BUILT 1-06-06 FH

INDEXED Kgs

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sheet 5 of 13

PLAN
SURVEYED
PLOTTED
QUANTITIES CHECKED
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
QUANTITIES CHECKED
NOTE BOOK
NO.
B. M.'S NOTED
STRUCTURE NOTATIONS CHK'D.
BY
DATE

B.P.R. DIV. NO	STATE	FEDERAL PROJECT NO.		SHEET NO.	TOTAL SHEETS
7	CALIF	S-SU-707(3)		6	15

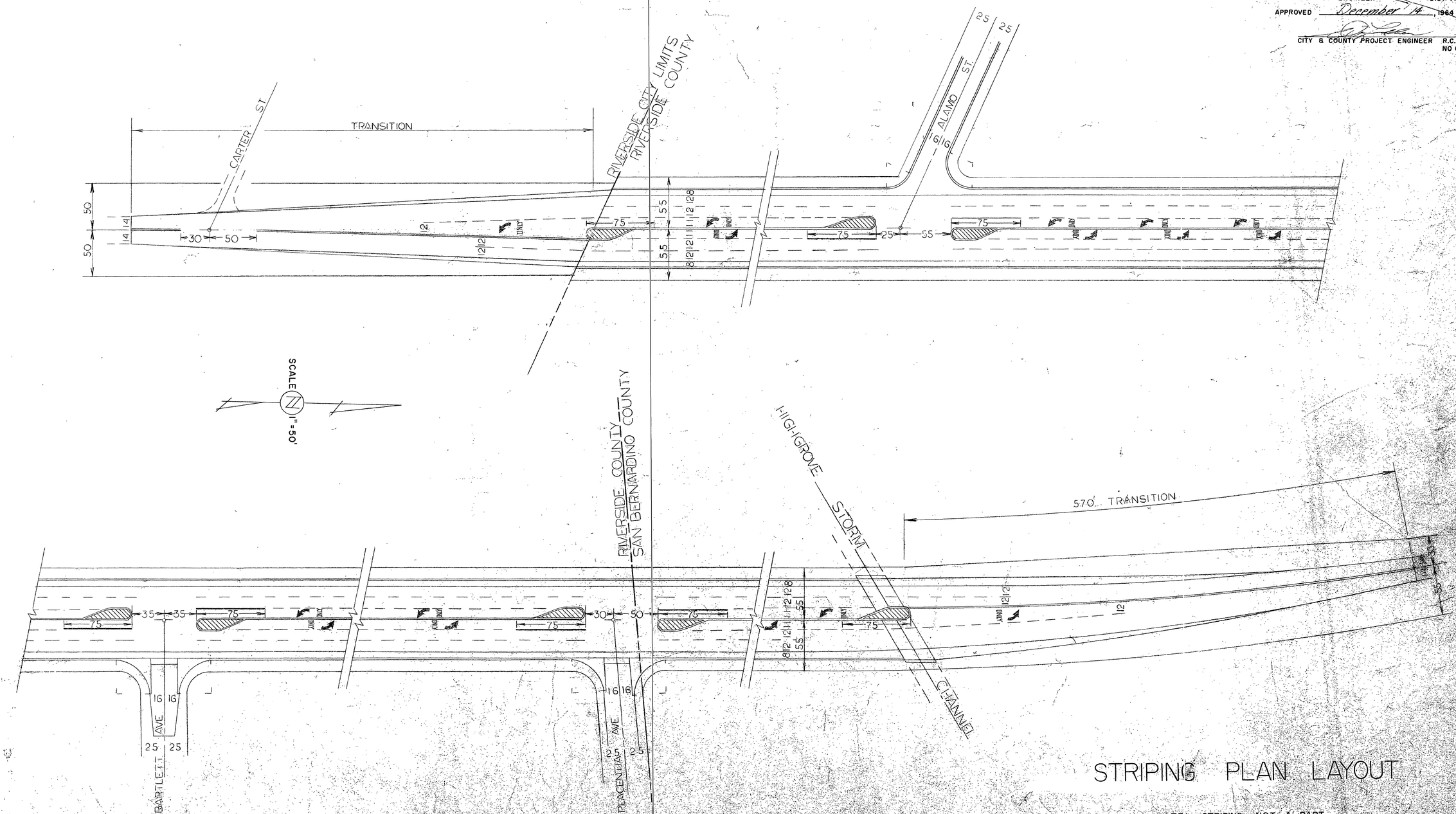
DIST.	COUNTY	ROUTE	SEC.	SHEET NO	TOTAL SHEETS
08	RIV. S.BD	707	CR	6	15

ROAD COMMISSIONER R.C.E. NO. 4388

DISTRICT ENGINEER DIST VIII

APPROVED December 14, 1964

CITY & COUNTY PROJECT ENGINEER R.C.E NO 6522



STRIPING PLAN LAYOUT

NOTE: STRIPING NOT A PART OF THIS CONTRACT

08 480054

846 0

* AS-BUILT 1-06-06

INDEXED Kgs

R-2275 sheet 6 of 13

B.P.R. DIV. NO	STATE	FEDERAL PROJECT NO	SHEET NO.	TOTAL SHEETS
7	CALIF	S-SU-707(3)	7	15

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
08	S.BD.	707	CR	7	15

A. C. Keith
ROAD COMMISSIONER R.C.E. NO. 4388

S. V. Kaul
DISTRICT ENGINEER DIST. VIII

APPROVED December 14, 1964

CITY & COUNTY PROJECT ENGINEER R.C.E. NO. 6522

APPROVED

PLAN
SCALE 1/8" = 1.0'

GENERAL LAYOUT PLAN
SCALE 1" = 50'

SECTION A–A
SCALE 3/8" = 1.0'

BAR REINFORCING FOR TRIPLE 8'x4' R.C.B. AS PER STD. PLAN D-82

SECTION B-B
PARALLEL TO CHANNEL
SCALE 3/8" = 1.0'

NOTE: FOR SECTIONS C-C, D-D, E-E, & F-F SEE SHEET NO. 8

QUANTITY SUMMARY

	BOX CULVERT	FARM CROSSING	CHANNEL LINING	TOTAL
CONCRETE	121.44 CY	30.07 CY	26.40 CY	177.91 CY
STEEL	15.855 LBS	2458 LBS	1303 LBS	19,616.0 LBS
BRIDGE RAILING	81.0 LF	–	–	81.0 LF
STRUCTURE EXCAVATION	16.11 CY	–	–	16.11 CY
STRUCTURE BACKFILL	27.28 CY	–	–	27.28 CY
CONCRETE REMOVAL	14.16 CY	30.07 CY	83.26 CY	127.49 CY

TRIPLE 8'X4' R.C.B. CULVERT EXTENSIONS AND FARM CROSSING AT STA. 35+80.16

Structural Details
Checked By Sujetsugu 10/23/64
Reviewed A. F. Bacher
Approval Recommended

* AS-BUILT 1-06-06

08 480054

R-2275

B.P.R. DIV NO	STATE	FEDERAL PROJECT NO		SHEET NO.	TOTAL SHEETS
7	CALIF	S-SU-707(3)		8	15

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
08	RIV. S.BD	707	CR	8	15

A. C. Keith
ROAD COMMISSIONER R.C.E. NO. 4388

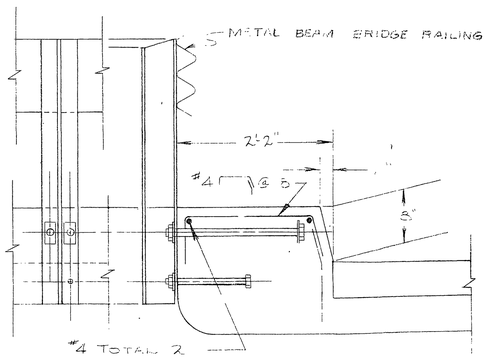
DISTRICT ENGINEER DIST. VIII

APPROVED December 14, 1964

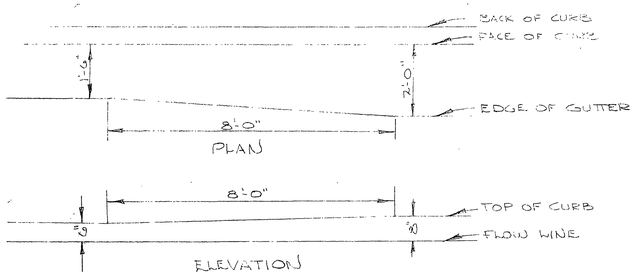
CITY & COUNTY PROJECT ENGINEER R.C.E. NO. 6522

BRIDGE ENGINEER CIVIL ENGINEER LICENSE 6522

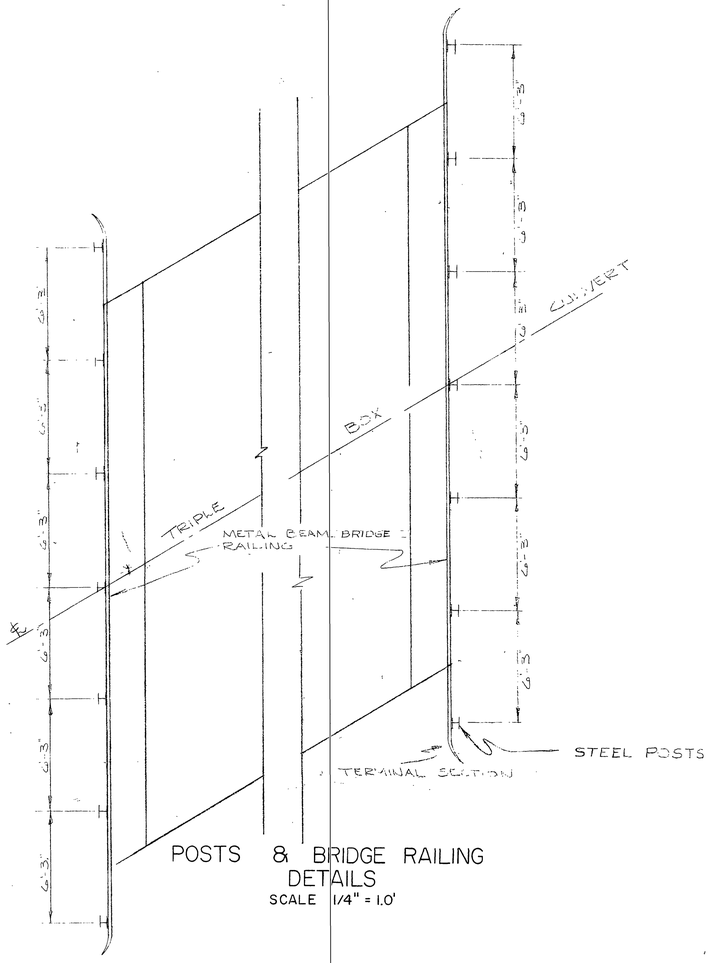
APPROVED



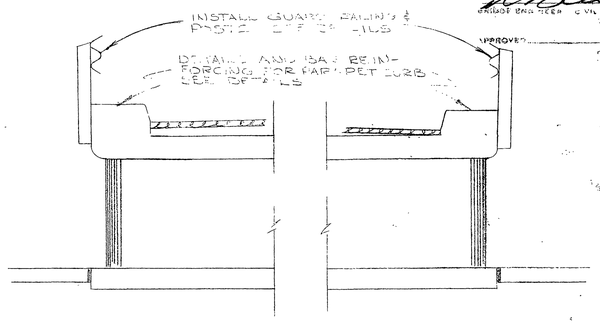
METAL BEAM BRIDGE RAIL
SEE STD. PLAN SHEET XS-9-62
SCALE 1" = 1'



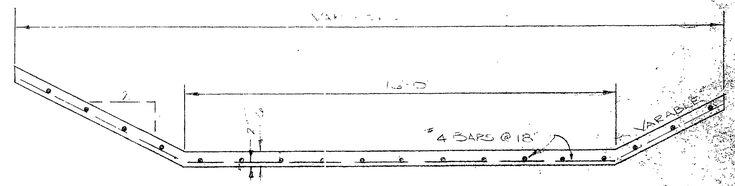
CURB AND GUTTER TRANSITION DETAIL
SCALE 1" = 2'



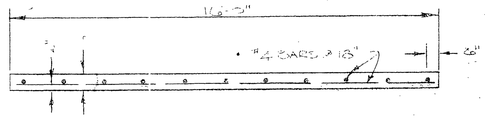
POSTS & BRIDGE RAILING DETAILS
SCALE 1/4" = 1.0'



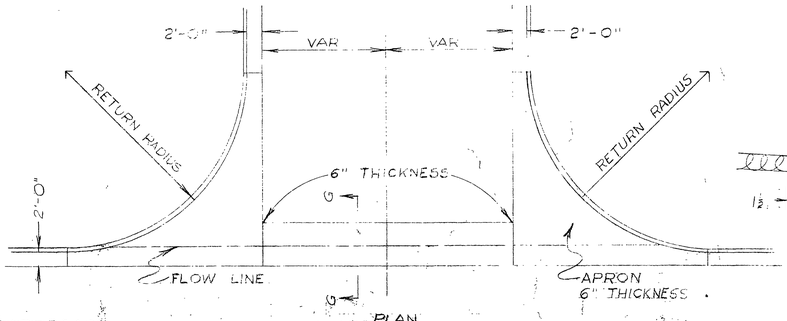
SECTION C-C
SCALE 3/8" = 1.0'



SECTION D-D
SCALE 3/8" = 1.0'

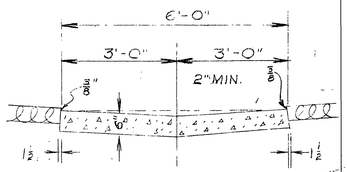


SECTION E-E
SCALE 3/8" = 1.0'

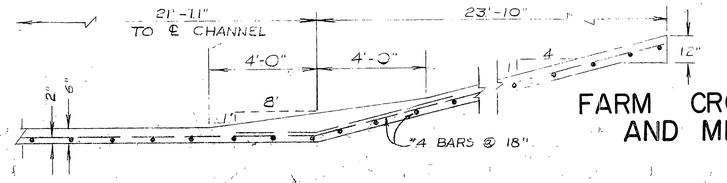


PLAN
SCALE 1" = 10'

CROSS GUTTER DETAILS



SECTION G-G
SCALE 1" = 2'



SECTION F-F
SCALE 3/8" = 1.0'

FARM CROSSING AND BRIDGE RAILING AND MISCELLANEOUS DETAILS

Structural Details
Checked By Sujatsingh 10/23/64
Reviewed A. E. Bacher
Approval Recommended

08 480054

* AS-BUILT 1-06-06

STANDARD SOIL SURVEY SHEET

DATE: FEBRUARY 1964
EWL: 17,770,500
Traffic Index: 8.5
Combined Cohesion of Layers Above: Base .... Subbase ✓ .... Basement Soil ....

LIMITS: NORTH MAIN STREET - RIVERSIDE AVENUE
From Sta 79+40.70 to Sta 41+50

FEDERAL AID PROJECT NO.	DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
S-S-707 (3)	VIII	RIV-SBD	FAS		1	1

PLOTTED BY Jerry V. [illegible] DATE 1-27-64 CHECKED BY G. Hughes DATE 1-27-64

Group	Item								
DESCRIPTION	BORING OR SAMPLE No.	3044P	C-20	3044P	C-21	3044P	3044P	C-22	64-42
	TEST NUMBER (D or H)	4		3		1	2		5
	DATE SAMPLED	1-28-60	2-3-64	1-28-60	2-3-64	1-28-60	1-28-60	2-3-64	2-13-64
	STATION	1+00	7+00	11+50	14+70	21+00	30+50	32+75	36+00
	LINE	℄	℄	℄	℄	℄	℄	℄	℄
	DISTANCE FROM LINE (RT. or LT.)	20' Rt	30' Rt	20' Lt	30' Rt	20' Rt	20' Rt	25' Lt	12' Lt
	DEPTH OR ELEVATION	1.5'-2.5'	OG-1.0'	1.5'-2.5'		1.5'-2.5'	1.5'-2.5'		OG-1.5
	TYPE OF MATERIAL								
SIEVE ANALYSIS	1½" SQUARE OPENING								
	¾" " "								
	⅜" " "	100		100		100	100		
	No. 4 (4760 MICRONS)	99		99		99	[illegible]		100
	No. 8 (2380 ")	98		97		98	97		98
	No. 16 (1190 ")	93		90		97	91		96
	No. 30 (590 ")	86		76		92	78		89
	No. 50 (297 ")	63		48		74	47		72
	~~No. 200 (74 ")~~ NO 100	36		22		51	21		40
	~~5 MICRON~~ NO 200	17		13		25	15		9
	~~1 MICRON~~ [illegible]	13		10			12		
COMPACTION	IN-PLACE DENSITY (DRY WT. - lb/ft³)		81		88			89	
	IN-PLACE MOISTURE (PERCENT)		6.1		7.8			13.9%	
	MAXIMUM DENSITY (DRY WT. - lb/ft³)		106		106			106	
	OPT. MOISTURE (PERCENT)		11		11.1			11.1	
	RELATIVE COMPACTION (PERCENT)		77		83			84	
BIT MIX	OIL RATIO - TYPE OF BITUMEN								
	STABILOMETER VALUE								
	COHESION								
	SWELL								
	STABILOMETER VALUE AFTER MVS								
CTB	% CEMENT								
	OPT. MOISTURE								
	DENSITY								
	COMP. STRENGTH AT 7 DAYS								
	LIQUID LIMIT								
	PLASTICITY INDEX								
	SAND EQUIVALENT	56		69		53	58		[illegible]
	PRODUCT P. I. X - 200								
R-VALUE	MOISTURE % at 300 lb. Exud. Pres.	10.2		10.7		11.6	11.6		[illegible]
	DENSITY " " " "	116		117.5		114	115.3		
	R-VALUE - STABILOMETER	70		65		67	67		
	R-VALUE BY EXPANSION	+		—		68	—		
	COHESION	240		210		210	210		
	THICKNESS OF COVER REQUIRED - INCHES	6.0		7.0		6.5	6.0		

LEGEND: Plan — any type of boring; 2" Power Borings — Hole No., Sample Nos.; Trench or Bank — Plan; 3" Soil Sample — Blows per ft., Moisture as % Dry Wt.; Auger Borings or Test Pit — Sample Limits; Relative Compaction Test

Plan — Scale Lateral 1 in. = 200 ft.

CENTER LINE PROFILE AND DETAIL LOG OF BORINGS — SCALE Hor. 1" = 200 Vert. Profile 1" = 5 Borings 1" = 5

FORM WH-44P REV. 86

846 Q
AS-BUILT 1-06-06

INDEXED Kgs

NORTH MAIN STREET
BETWEEN
Riv. City Limits & San Bernardino Co. Line
ROAD NO. 3044-P WORK ORDER NO.
SURVEY NO. 2955 FIELD BOOK NO. 812

A.C. KEITH, COUNTY SURVEYOR AND ROAD COMMISSIONER
RIVERSIDE COUNTY

SCALE 1"=50'

R.S. 14-48

ANDREN, E.A
KING, M
FOX, L.
FOX, C.
KOMURA, K.
SMITH, P.C.

Δ - 65°07'00"
R - 25'
T - 15.98'
L - 28.41'

Δ - 111°53'00"
R - 25'
T - 39.15'
L - 50.13'

16+14 End Const. TC. 216' FL 211'

0.20 C.F. This point 0455.94 822.27 TC

Permit No. 631-117 Type "A" C&G Normal C.F.

Type "A" Alamo St. Normal C.F. to N 60°57'00" W

Std #14 "x" gutter

0419.94 820.14 TC

3418.29 822.08 TC

4108.68 822.29 TC

0193.97 822.19 TC

P.I. 3131.96

N 60°57'00" W

C-19.98 820.00 TC

CITY LIMITS

RIVERSIDE

HARDEMAN, J.T. CARPENTER, H.W. WILLIAMS, P.

North Main St.

N 1°10'00" E

GROSS, D.P.

RIO VISTA ESTATES
M.B. 25/12

R/W 12' 32' 11' 11' 32' 12' R/W
8' 24' 8' 9' 9' 2' 24' 8'
16" CMP below flowline
3"PMS
6% 1 V/2 % 1 V/2 % Profile grade 1 V/2% 6%
Type "A" Curb & Gutter
Type "A" Curb & Gutter
Type "A" Curb & Gutter
6"IBM
Type "A" Curb & Gutter

TYPICAL SECTION

B.M. Set RR Spike in E.S. PP # 259492E
60' ± North of Riverside City Limits
& west side of Main St.
Elev. 821.55

Riverside City Limits 821.00
P.I. 821.35
822.59
822.92
Edge of E. Alamo St.
823.13
823.80
824.03
824.22
100' VC
100' VC
PROFILE GRADE
10.323%
10.35%
10.20%
10.1109%
Exist Ground Profile

Cu. Exc.
Yds. Emb.
Sta. 0 1 2 3 4 5 6 7 8 9 10 11 12

728-N * AS-BUILT 1-06-06 H

INDEXED Kgs

R-2275

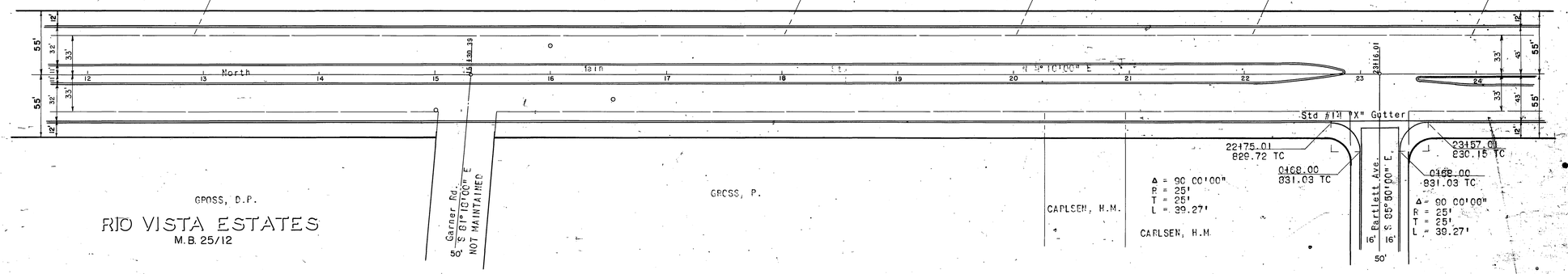
NORTH MAIN STREET
BETWEEN
Riv. City Limits & San Bernardino Co. Line

ROAD NO. 3044-P | WORK ORDER NO.
SURVEY NO. 2955 | FIELD BOOK NO. 812

A.C. KEITH, COUNTY SURVEYOR AND ROAD COMMISSIONER
RIVERSIDE COUNTY

SCALE 1"=50'

TASKER, S. | TASKER, S | DeYOUNG, L.P. | DeYOUNG, L.P. | MASON, C.A.



GROSS, D.P.

RIO VISTA ESTATES
M.B. 25/12

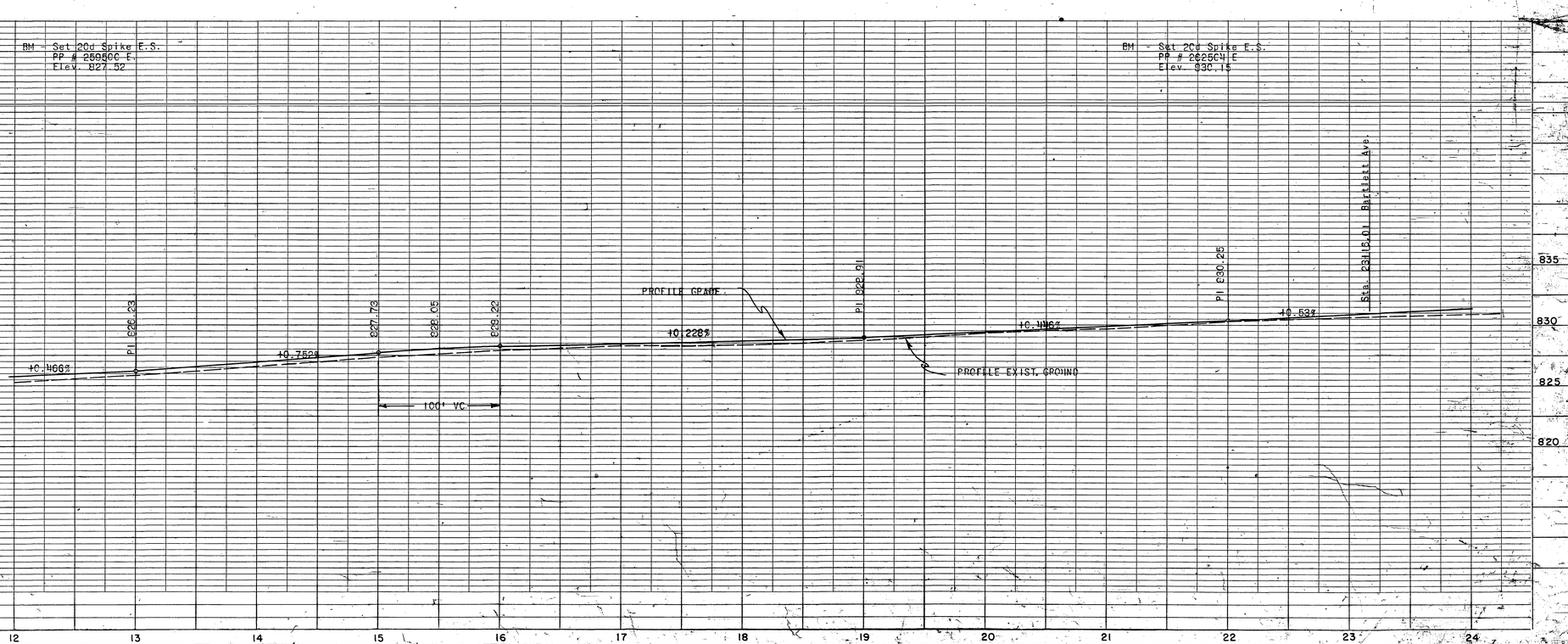
GROSS, P.

CARLSEN, H.M.

CARLSEN, H.M.

BM - Set 20d Spike E.S.
PP # 260806 E
Elev. 827.52

BM - Set 20d Spike E.S.
PP # 262504 E
Elev. 830.15



728-N
* AS-BUILT 1-06-06 EH

INDEXED Kgs

R-2275 sheet 11 of 13

NORTH MAIN STREET
BETWEEN
Riv. City Limits & San Bernardino Co. Line
ROAD NO. 3044-P WORK ORDER NO.
SURVEY NO. 2955 FIELD BOOK NO. 812

A.C. KEITH, COUNTY SURVEYOR AND ROAD COMMISSIONER
RIVERSIDE COUNTY

SCALE 1"=50'

MASON, C.A. | BEACH, D.R. | BROWN, W. | ROBINSON, H.S. | PACIFIC SOUTHWEST CONST CO. INC. | CENATIEMPO, J.

COUNTY LINE

55' 33' 12' 32' 11' 32' 12' 33' 55'

23+16.00

North Main St. N 4 1C'00" E

31+36.68

Ctd. of "A" Str.

22+75.01 829.72 TC
C168.00 831.03 TC
Δ = 90 00'
R = 25'
T = 25'
L = 39.27'

Bartlett Ave. S 85 50'00" E
16' 16'
50'

22+57.01 830.15 TC
C168.00 831.03 TC
Δ = 90 00'
R = 25'
T = 25'
L = 39.27'

31+00.00 834.74 TC
C165.16 835.57 TC
Δ = 85 46'00"
R = 25'
T = 23.22'
L = 37.42'

Placentia Road N 89 56'00" E
16' 16'
50'

31+82.82 835.23 TC
C171.22 835.52 TC
Δ = 94 14'00"
R = 25'
T = 26.92'
L = 41.12'

SAN BERNARDINO

ARROYO, I. | ARROYO, I | ADAIR, N. | SMITH, C.W. and BURSON, J.F.

BM R.R spike in E.S. PP 2625II
30' ± N of S.B. Co Line and
W/S Main St.
Elev. 831.02

840
835
830
825

PROFILE GRADE
PROFILE EXISTING GROUND
10.53%
11.16%
-0.24%
100' VC
100' VC

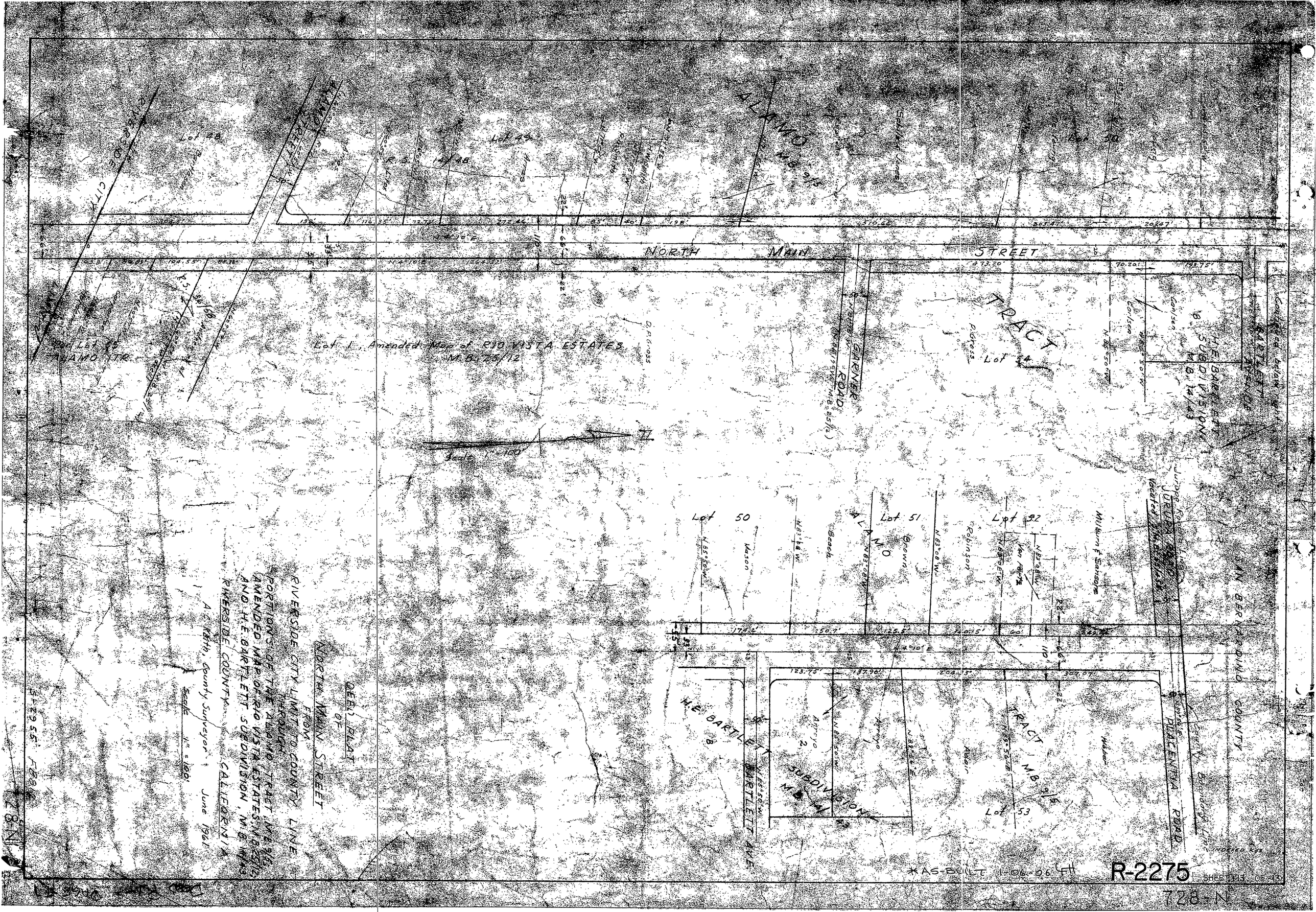
Sta 31+36.68 Placentia Road
Sta 31+82.31 County Line

Cu. Exc. Yds. Emb.

Sta. 24 25 26 27 28 29 30 31 32

728-N
AS-BUILT 1-02-56 FH

INDEXED Kgs



NORTH MAIN STREET
ALAMO
M.B. 9/5
Lot 48
Lot 49
Lot 50
Lot 51
Lot 52
Lot 53
Lot 54
Lot 55
Lot 1, Amended Map of RIO VISTA ESTATES
M.B. 25/12
GARNER ROAD
TRACT
H.E. BARTLETT SUBDIVISION
M.B. 14/43
BARTLETT AVENUE
JURUPA ROAD
SAN BERNARDINO COUNTY
PLACENTIA ROAD
Scale 1" = 100'
DEED PLAT
OF
NORTH MAIN STREET
FROM
RIVERSIDE CITY LIMIT TO COUNTY LINE
THROUGH
PORTIONS OF THE ALAMO TRACT, M.B. 9/5,
AMENDED MAP OF RIO VISTA ESTATES, M.B. 25/12,
AND H.E. BARTLETT SUBDIVISION, M.B. 14/43
RIVERSIDE COUNTY CALIFORNIA
A.C. Keith, County Surveyor June 1961
Scale 1" = 100'
*AS-BUILT 1-06-06
R-2275
SHEET 13 OF 13
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