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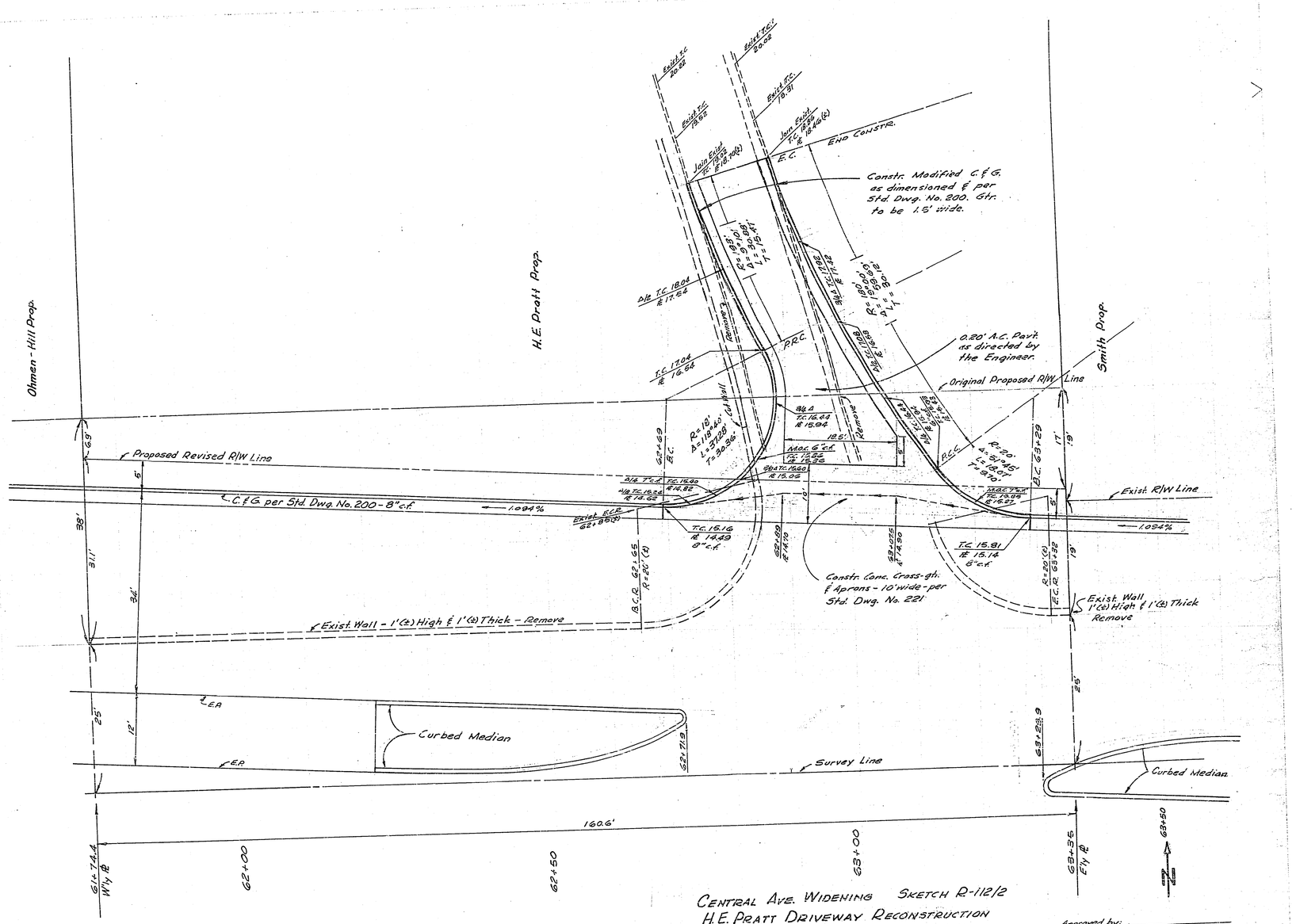
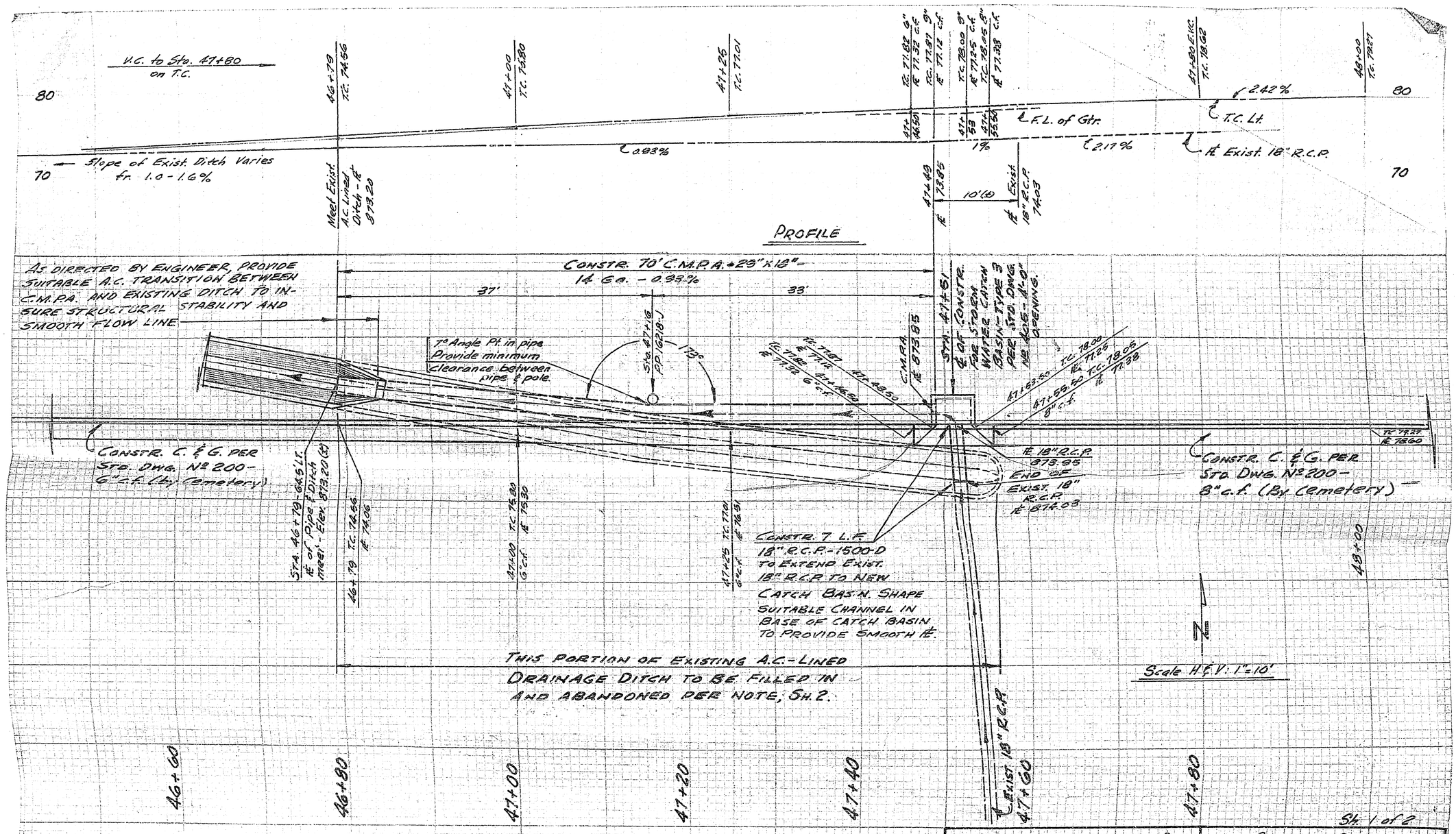


CENTRAL AVE. WIDENING SKETCH R-112/2
H.E. PRATT DRIVEWAY RECONSTRUCTION
CFF 10/10/61 Checked _____ Recommended by: _____ Approved by: _____ Dir. of Public Works
Scale: 1" = 10' FB 609/13 & 9/67-68 Date: _____

FILE WITH R-112



Approved by: [signature] Director of Public Works
Date: 9/1/61

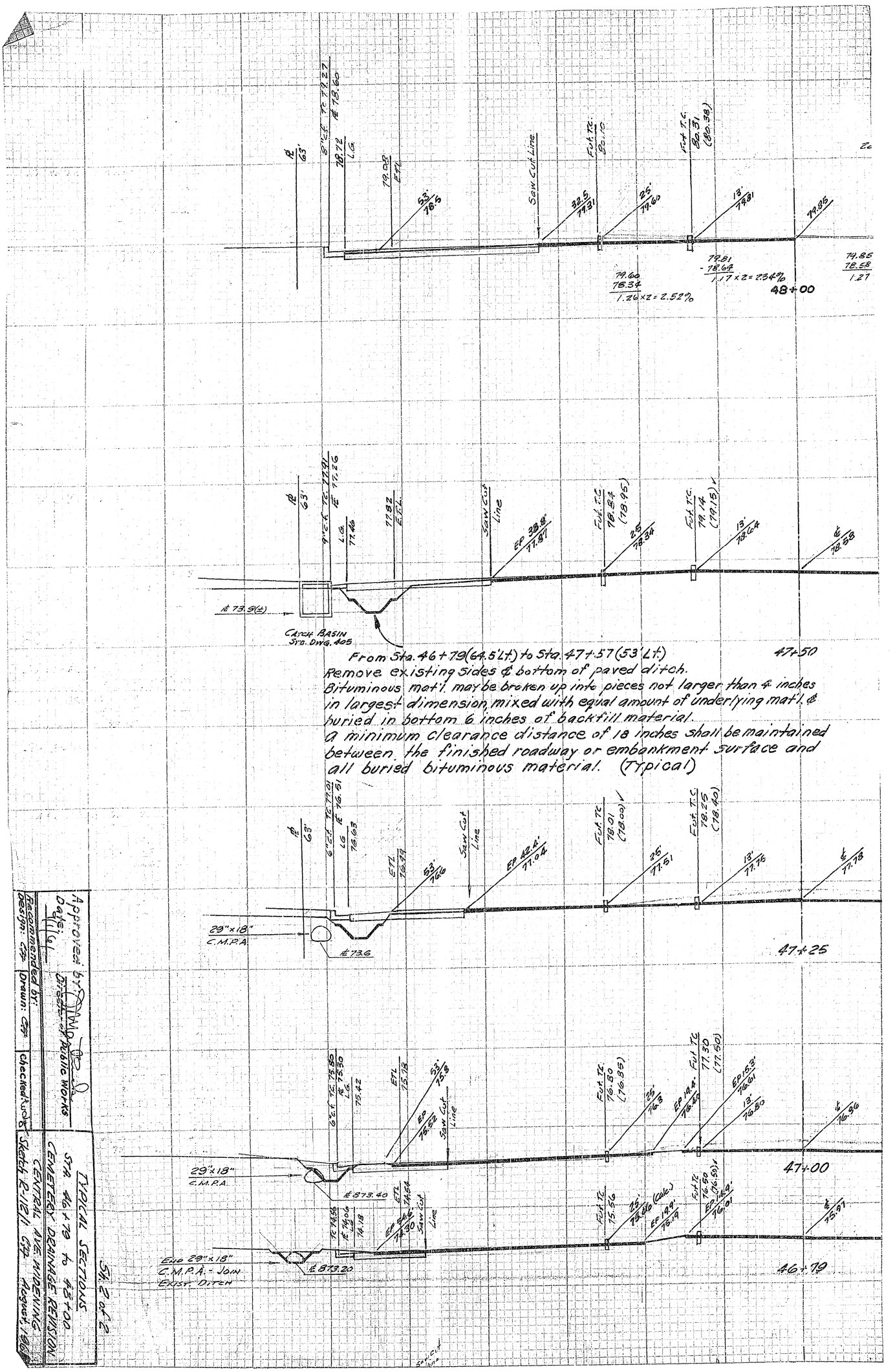
Recommended by:

Design: CJP | Drawn: CJP | Checked: [illegible]

PLAN AND PROFILE
CEMETERY DRAINAGE REVISION
CENTRAL AVE. WIDENING
Sketch R-112/1 CJP August, 1961

Sh. 1 of 2

12

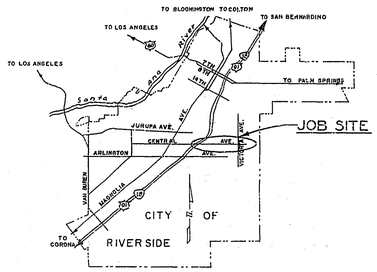


From Sta. 46+79 (64.5' Lt.) to Sta. 47+57 (53' Lt.)
Remove existing sides & bottom of paved ditch.
Bituminous mat'l. may be broken up into pieces not larger than 4 inches in largest dimension, mixed with equal amount of underlying mat'l. & buried in bottom 6 inches of backfill material.
A minimum clearance distance of 18 inches shall be maintained between the finished roadway or embankment surface and all buried bituminous material. (Typical)

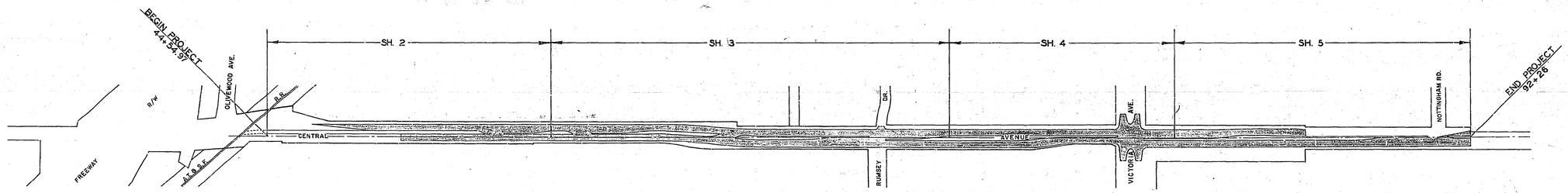
Approved by: [signature]
Date: 9/16/61
Director of Public Works
Recommended by:
Design: CFF
Drawn: CFF
Checked: [signature]

TYPICAL SECTIONS
STA. 46+79 to 48+00
CENTRAL AVE. WIDENING
Sketch R-112/1 CFF August, 1961

Sh. 2 of 2



VICINITY MAP
NO SCALE



SCALE: N 1"=200'

REVISIONS		
MARK	DATE	DESCRIPTION
1	3-31-61	General Revisions per Sheet reviews. [illegible]

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MAJOR CITY STREETS PROJ. NO. 103

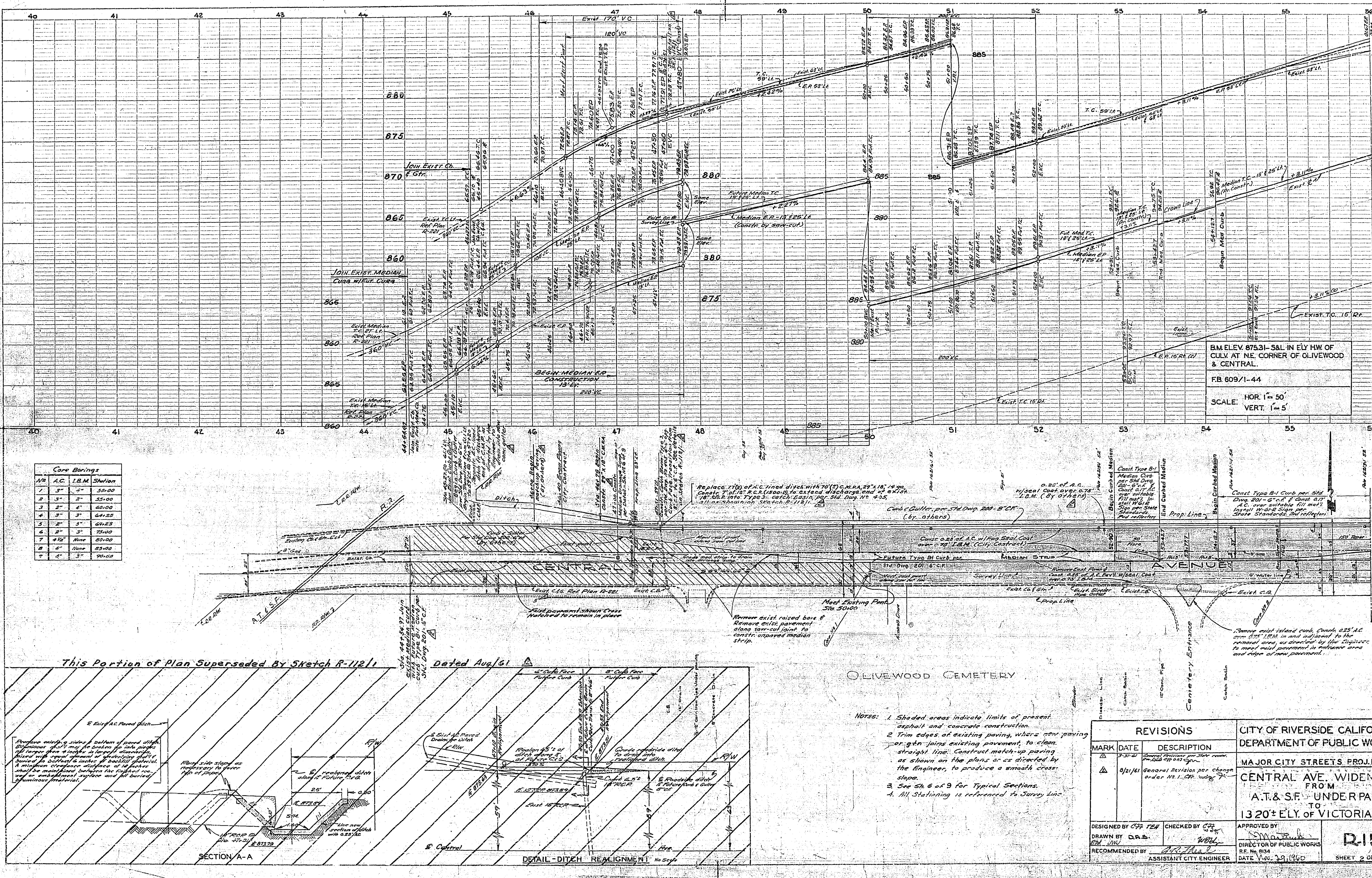
CENTRAL AVE. WIDENING FROM A.T.&S.F. UNDERPASS TO 1320'± E'LY OF VICTORIA AVE.

DESIGNED BY [illegible] CHECKED BY [illegible]
DRAWN BY B. Low
RECOMMENDED BY [illegible] ASSISTANT CITY ENGINEER

APPROVED BY [illegible] DIRECTOR OF PUBLIC WORKS
R.E. No. 8134
DATE Nov. 29, 1960

R-112
SHEET 1 OF 3

MISSION BLUEPRINT CO



Core Borings			
No	A.C.	I.B.M.	Station
1	3"	4"	50+00
2	3"	2"	55+00
3	2"	4"	60+00
4	3"	3"	64+25
5	2"	3"	69+23
6	2"	3"	75+00
7	4½"	None	80+00
8	4"	None	85+00
9	4"	3"	90+00

B.M. ELEV. 875.31 - S&L IN ELY H.W. OF CULV. AT N.E. CORNER OF OLIVEWOOD & CENTRAL.

F.B. 609/1-44

SCALE: HOR. 1" = 50' VERT. 1" = 5'

NOTES:
1. Shaded areas indicate limits of present asphalt and concrete construction.
2. Trim edges of existing paving, where new paving or gtr. joins existing pavement, to clean straight line. Construct match-up paving as shown on the plans or as directed by the Engineer, to produce a smooth cross-slope.
3. See Sh. 6 of 9 for Typical Sections.
4. All Stationing is referenced to Survey Line.

REVISIONS		
MARK	DATE	DESCRIPTION
1	3-31-61	General Revisions per State review
2	8/21/61	General Revision per change order No. 1

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MAJOR CITY STREETS PROJ. NO 103

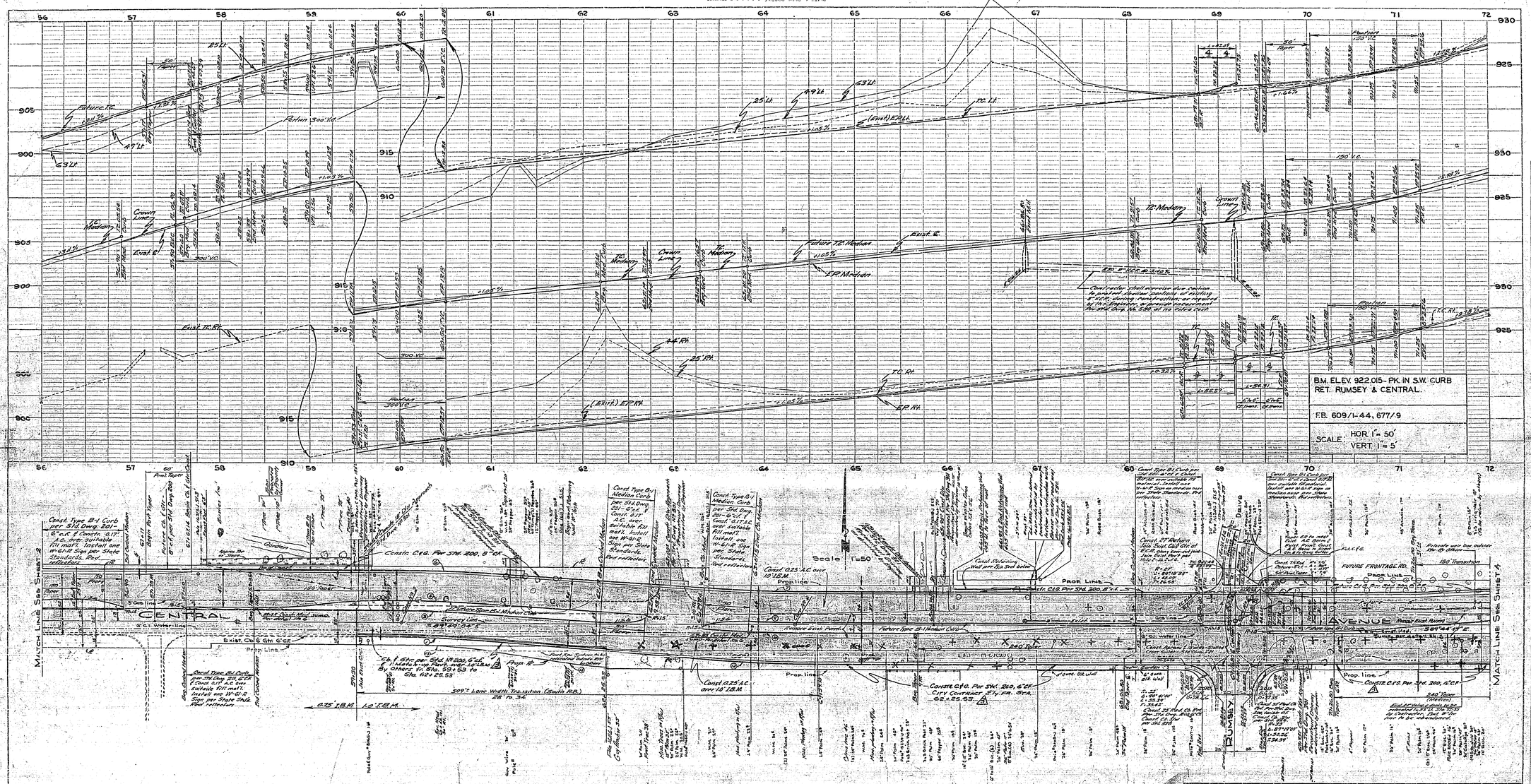
CENTRAL AVE. WIDENING FROM A.T.&S.F. UNDERPASS TO 1320'± ELY. OF VICTORIA AVE

DESIGNED BY C77 TEH — CHECKED BY C77 — DRAWN BY D.R.S. — RECOMMENDED BY [signature] ASSISTANT CITY ENGINEER — APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS R.E. No. 8134 — DATE Nov. 29, 1960

R-112

SHEET 2 OF 9

12



Curve No.	Δ	R	T	L	P.I. Station	B.C. Station	E.C. Station
1	4°34'26"	1400	55.91	111.76	15 P.R. 60+50	19+94.09	19+46.34 60+05.63
2	5°33'46"	1400	45.97	97.88	19 P.R. "	15 P.R. 60+03.03	17+76.11 60+02.88
3	" "	1428	44.84	87.64	13 P.L. "	19 P.L. 60+03.16	14+79.21 60+94.84
4	" "	1440	45.21	90.40	25 P.L. "	21 P.L. 60+04.70	22+61.11 60+95.21
5	" "	1468	46.09	92.15	53 P.L. "	53 P.L. 60+03.91	50+76.91 60+96.09
6	" "	1474	46.28	92.53	57 P.L. "	54 P.L. 60+03.72	56+01.1 60+96.28
7	" "	1400	43.96	87.88	37 P.L. 64+00	39.76 P.L. 63+56.04	37 P.L. 64+43.96
8	" "	1406	44.15	88.26	31 P.L. "	33 P.L. 63+55.85	31 P.L. 64+44.14
9	" "	1434	45.02	90.02	31 P.L. "	32 P.L. 63+54.98	31 P.L. 64+45.02
10	" "	1446	45.40	90.77	9 P.R. "	6 P.R. 63+54.60	9 P.R. 64+45.40
11	" "	1474	46.25	92.55	37 P.R. "	34 P.R. 63+53.75	39 P.R. 64+46.80
12	4°34'26"	1480	39.40	119.15	43 P.R. "	35.2 P.R. 63+60.79	49 P.R. 64+59.10
13	7°34'40"	576	39.34	78.96	23 P.R. 60+22.01	23 P.R. 60+22.67	30 P.R. 60+01.01
14	" "	687	45.50	90.86	50 P.R. 62+49.93	46 P.R. 62+04.83	50 P.R. 62+94.93

REVISIONS		
MARK	DATE	DESCRIPTION
1	7-31-61	General Revisions per State comm. Per B.B. 225-217
2	5-2-61	Provide expansion reduction notes. Per B.B. 225-217
3	8/25/61	General Revisions per Change Order No. 2 Per B.B. 225-217

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS.

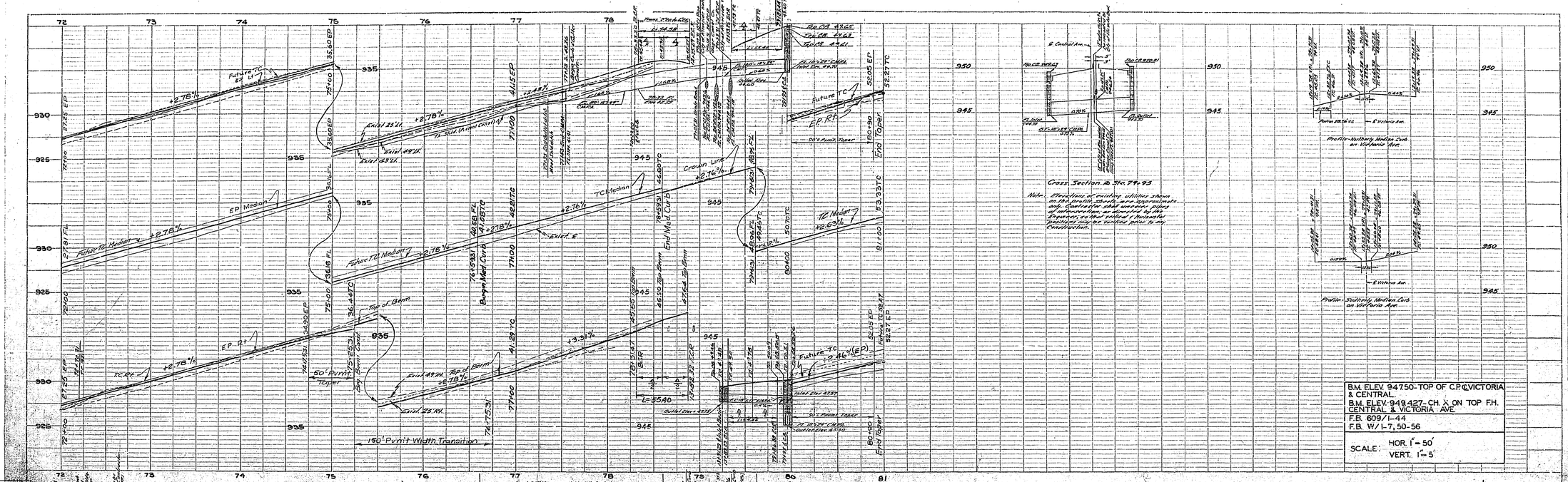
MAJOR CITY STREETS PROJ. NO. 103

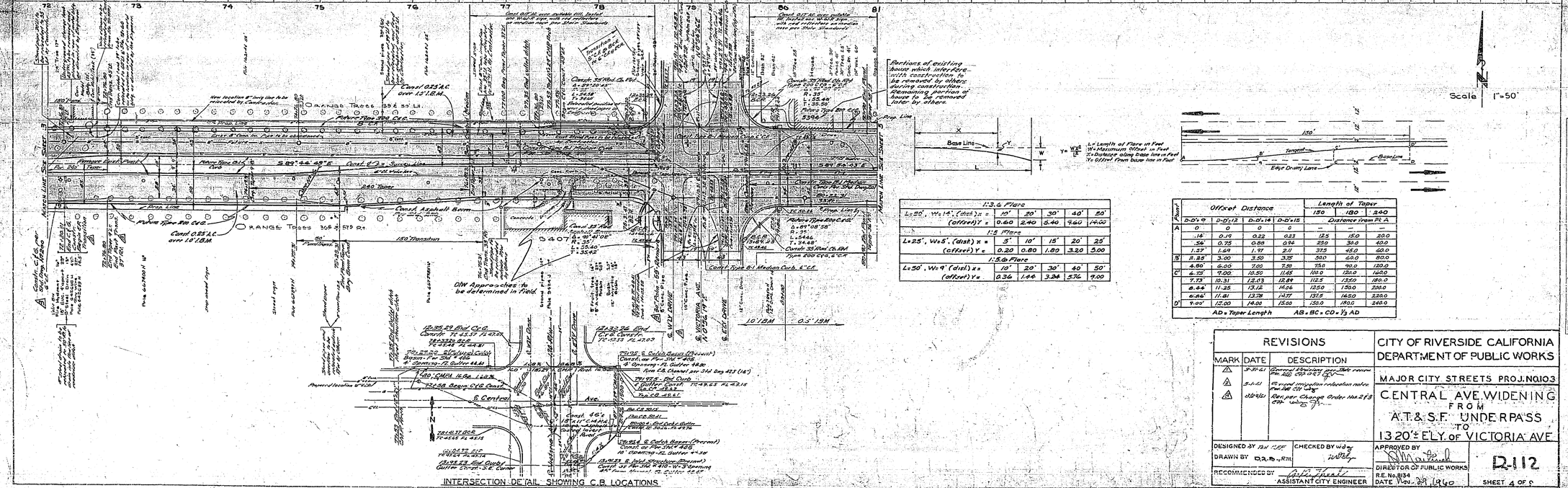
CENTRAL AVE. WIDENING
FROM
A.T.& S.F. UNDERPASS
TO
1320± E'LY. OF VICTORIA AVE

DESIGNED BY C.T.T. CHECKED BY C.T.T.
DRAWN BY D.R.S., R.H. W.O.Y.
RECOMMENDED BY ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS
R.E. No. 8134
DATE Nov. 24, 1960

R-112

SHEET 3 OF 9





1:3.6 Flare					
L=50', W=14', (dist) x =	10'	20'	30'	40'	50'
(offset) Y =	0.60	2.40	5.40	9.60	14.00
1:5 Flare					
L=25', W=5', (dist) x =	5'	10'	15'	20'	25'
(offset) Y =	0.20	0.80	1.80	3.20	5.00
1:5.6 Flare					
L=50', W=9' (dist) x =	10'	20'	30'	40'	50'
(offset) Y =	0.36	1.44	3.24	5.76	9.00

Point	Offset Distance D-0'+9	D-0'+12	D-0'+14	D-0'+15	Length of Taper 150	180	240
					Distance from Pt. A		
A	0	0	0	0	—	—	—
	.14'	0.19	0.22	0.23	12.5	15.0	20.0
	.56'	0.75	0.88	0.94	25.0	30.0	40.0
	1.27'	1.69	1.97	2.11	37.5	45.0	60.0
B'	2.25'	3.00	3.50	3.75	50.0	60.0	80.0
	4.50'	6.00	7.00	7.50	75.0	90.0	120.0
C'	6.75'	9.00	10.50	11.25	100.0	120.0	160.0
	7.73'	10.31	12.03	12.89	112.5	135.0	180.0
	8.44'	11.25	13.12	14.06	125.0	150.0	200.0
	8.86'	11.81	13.78	14.77	137.5	165.0	220.0
D'	9.00'	12.00	14.00	15.00	150.0	180.0	240.0

AD = Taper Length AB = BC = CD = 1/3 AD

REVISIONS			
MARK	DATE	DESCRIPTION	
1	3-31-61	General revisions per field review	
2	5-1-61	General intersection radius notes	
3	10-24-61	Rev. per Change Order No. 2 & 3	

DESIGNED BY JAN FIFE
DRAWN BY D.R.B., R.T.H.
CHECKED BY W.D.
RECOMMENDED BY John Fraser, ASSISTANT CITY ENGINEER

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MAJOR CITY STREETS PROJ. NO. 103

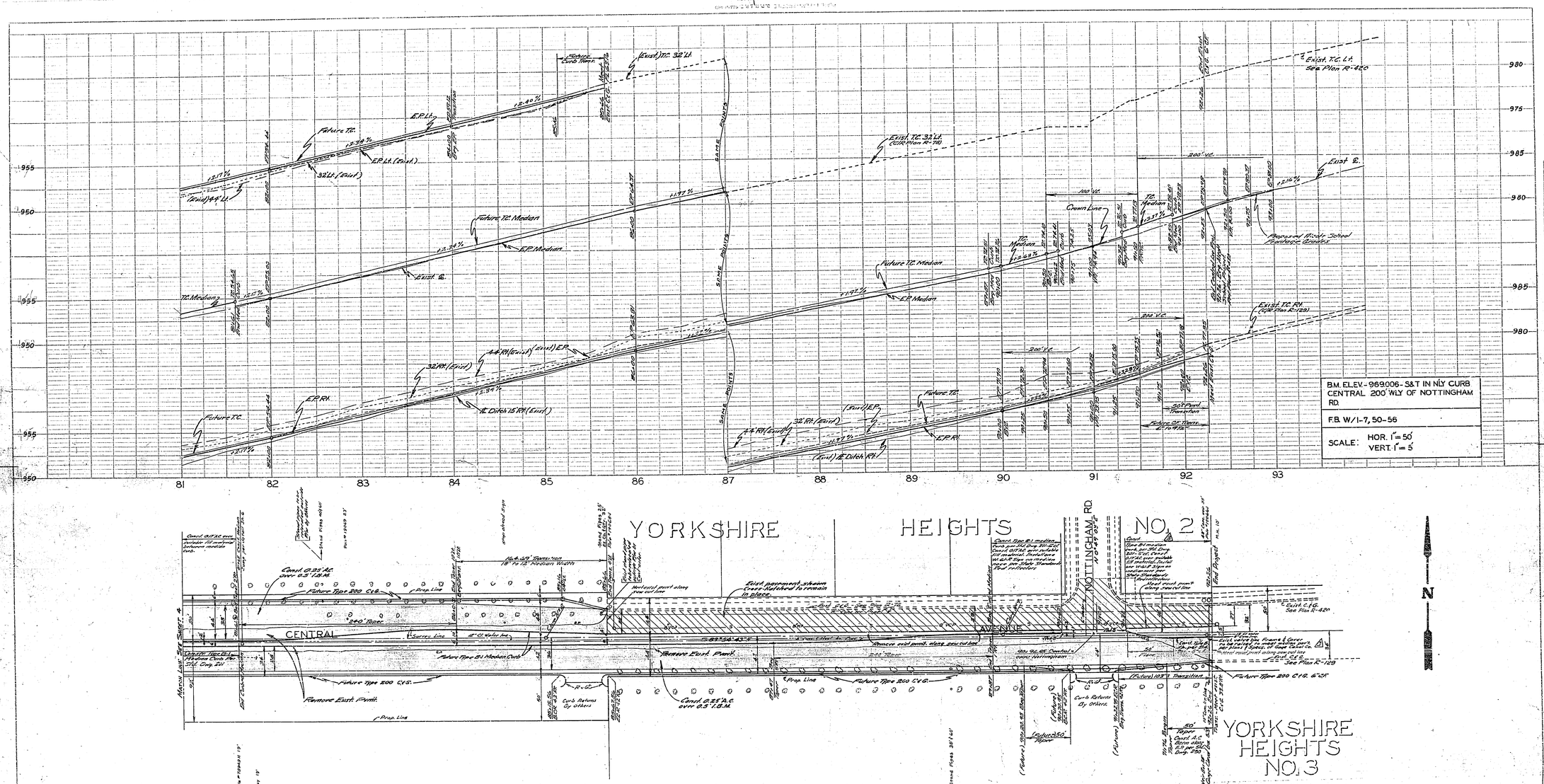
C. CENTRAL AVE. WIDENING
FROM
A.T.&S.F. UNDERPASS
TO
1320'± E'LY. OF VICTORIA AVE.

APPROVED BY
DIRECTOR OF PUBLIC WORKS
R.E. No. 8134
DATE Nov. 29, 1960

SHEET 4 OF 5

PROFILE — SURVEYED, PLOTTED, DESIGNED, CHECKED, STRUCTURE INSPECTION

PLAN — SURVEYED, PLOTTED, DESIGNED, CHECKED, R.O.W. CHECKED



REVISIONS		
MARK	DATE	DESCRIPTION
1	3-31-61	General Revisions per State review Fm. DR. CTY. 3-10
2	5-1-61	Revised irrigation relocation note Fm. DR. CTY. 3-10
3	8-23-61	General Revisions per Change Order No. 9

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MAJOR CITY STREETS PROJ. NO. 103

CENTRAL AVE. WIDENING FROM A.T.& S.F. UNDERPASS TO 1320'± ELY. OF VICTORIA AVE.

DESIGNED BY T.H. C.E.F.
DRAWN BY B. Low, R.W.
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
R.E. No. 8134
DATE Nov. 29, 1960

R-112

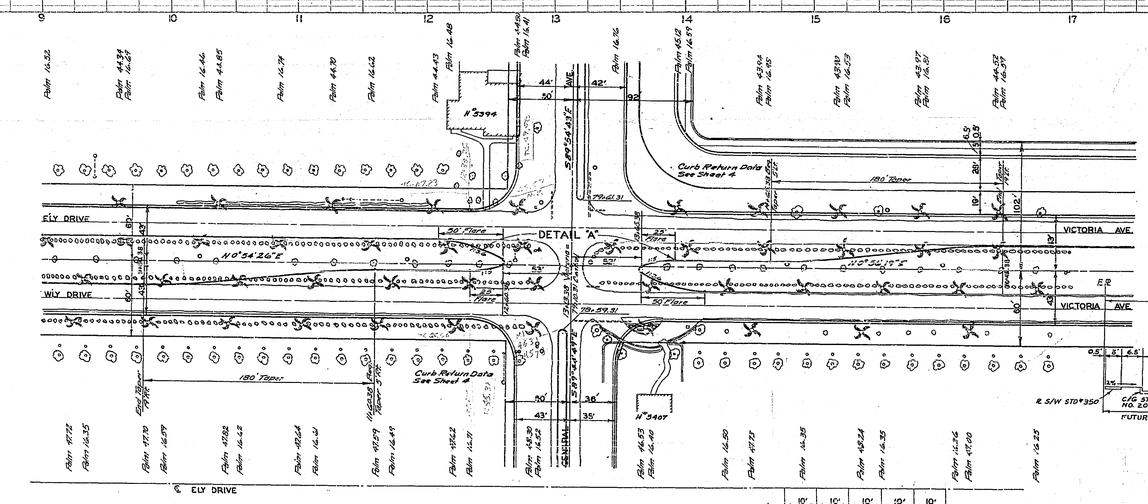
SHEET 5 OF 9

B.M. ELEV. 949.427- CH. X ON TOP F.H.
CENTRAL & VICTORIA AVE.

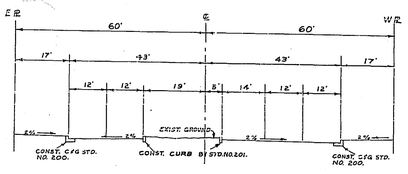
F.B. W/I-7,50-56

SCALE: HOR. 1" = 50'
VERT. 1" = 5'

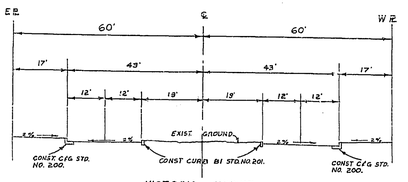
PROFILE
SUBMITTED
PLOTTED
DRAFTING CHECKED
NOTE BOOK CHECKED
NO. ____
BENCHMARK DATA ON STRUCTURE DRAFTING CONTROL
BY
DATE



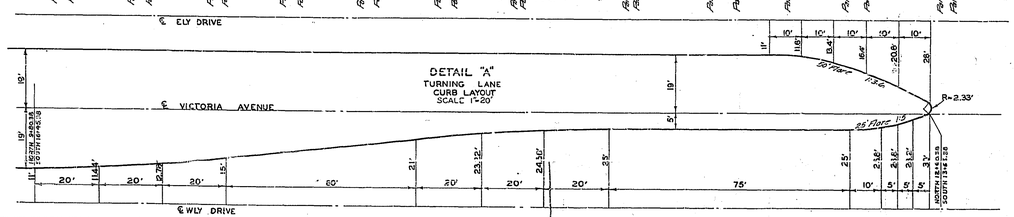
SCALE: 1" = 50'

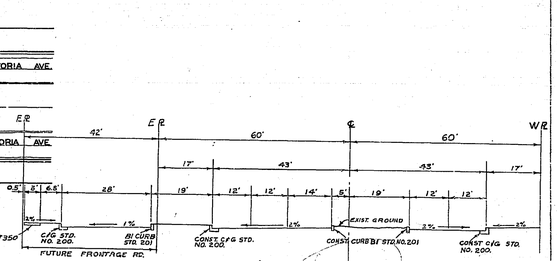


VICTORIA AVENUE
SECTION AT 12+00
SCALE 1"=20'



VICTORIA AVENUE
SECTION AT STA 8+50
SCALE: 1"=20'





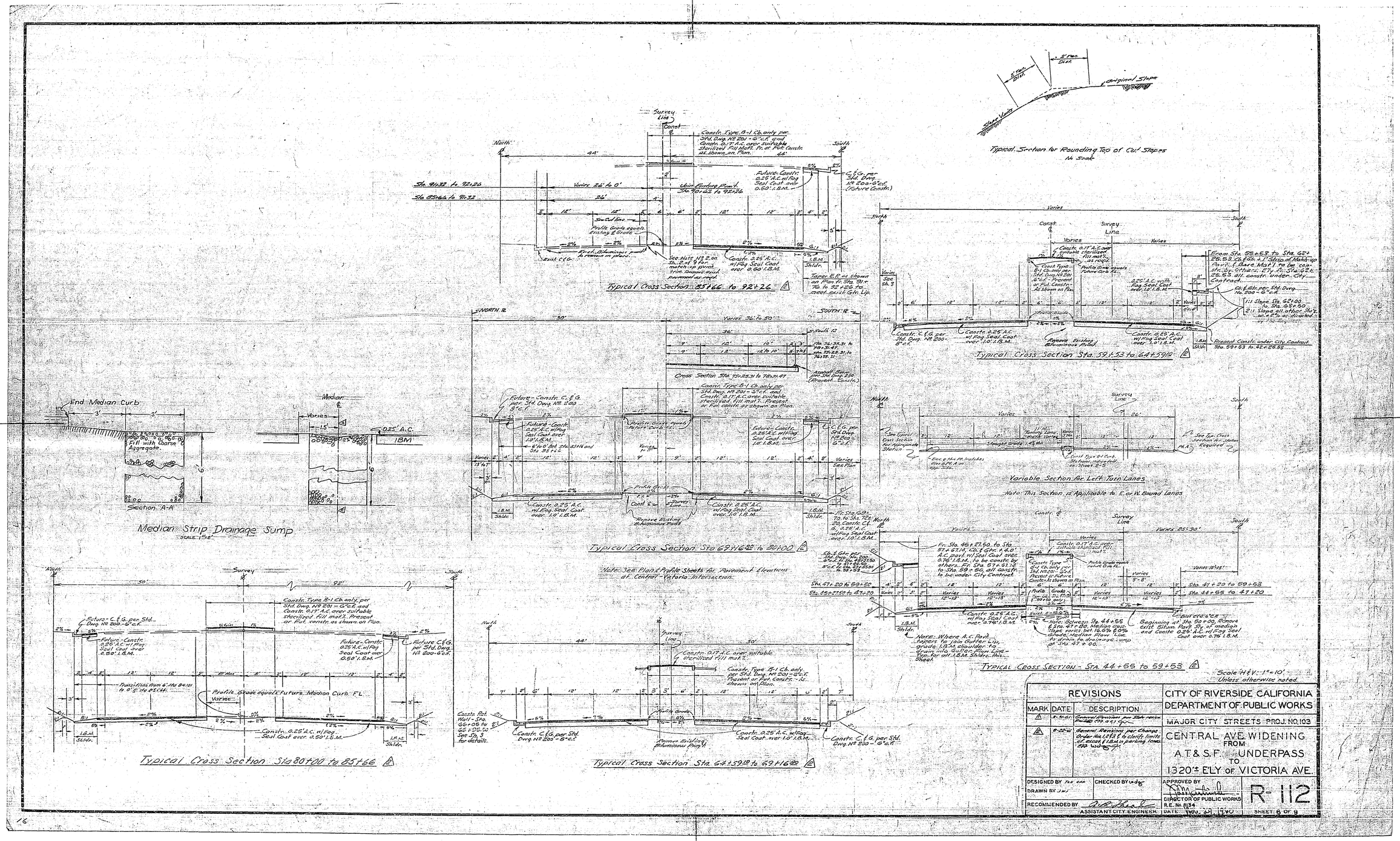
VICTORIA AVENUE
SECTION AT STA 14+50
SCALE: 1"=20'

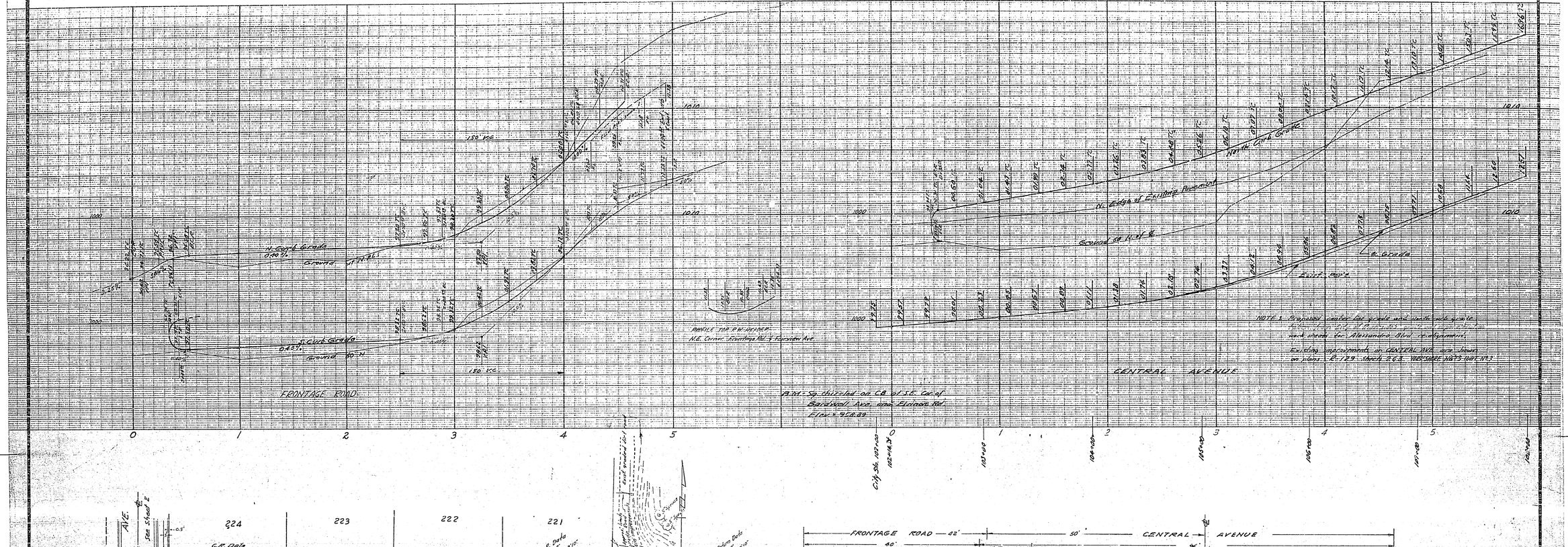
PLAN
SUBMITTED
PLOTTED
DRAFTING CHECKED
NOTE BOOK CHECKED
NO. ____
BY
DATE

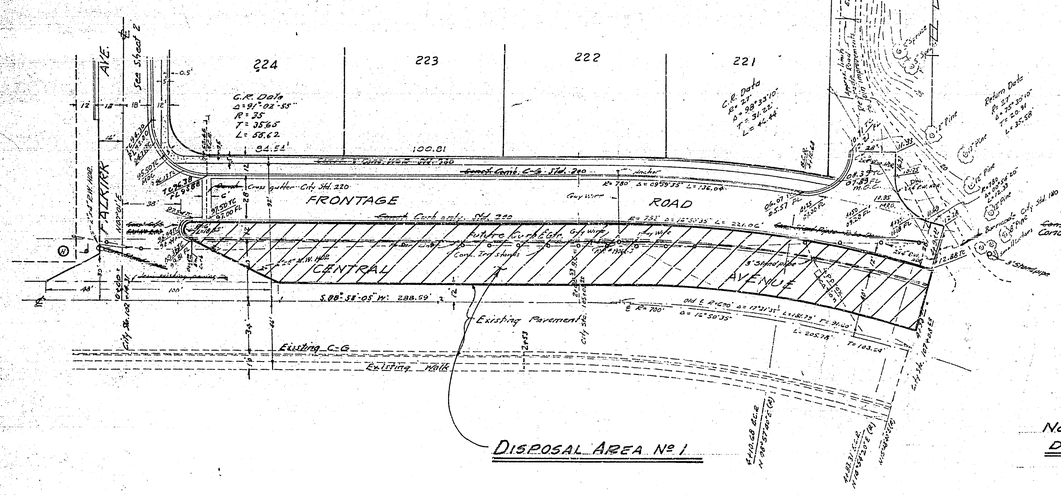
REVISIONS			CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	MAJOR CITY STREETS PROJECT NO.-103
			CENTRAL AVE. WIDENING FROM A.T. & S.F. UNDERPASS TO 1320± ELY OF VICTORIA AVE.
DESIGNED BY		CHECKED BY	APPROVED BY
DRAWN BY			DIRECTOR OF PUBLIC WORKS
RECOMMENDED BY		ASSISTANT CITY ENGINEER	DATE

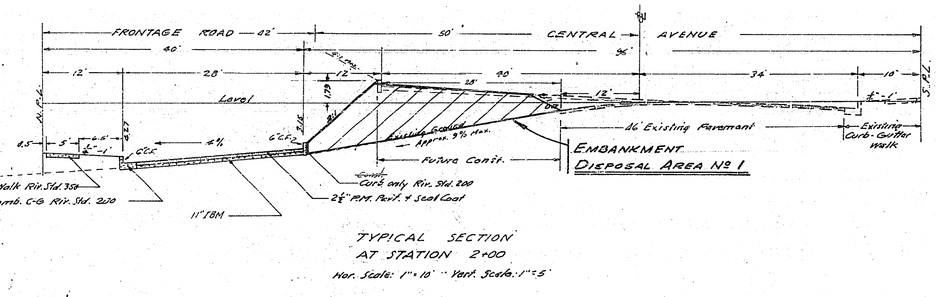
R-112

SHEET 6 OF 7


Typical Section for Rounding Top of Cut Slopes
Typical Cross Section Sta. 85+66 to 92+26
Typical Cross Section Sta. 59+53 to 64+59
Variable Section for Left Turn Lanes
Note: This Section is Applicable to E. or W. Bound Lanes
Median Strip Drainage Sump
Typical Cross Section Sta. 69+16 to 80+00
Note: See Plan & Profile Sheets for Pavement Elevations at Center Victoria Intersection.
Typical Cross Section - Sta. 44+55 to 59+55
Typical Cross Section Sta. 80+00 to 85+66
Typical Cross Section Sta. 64+59 to 69+16
Scale H & V: 1" = 10'
Unless otherwise noted.
REVISIONS
MARK
DATE
DESCRIPTION
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJ. NO. 103
CENTRAL AVE. WIDENING
FROM
A.T.& S.F. UNDERPASS
TO
1320± E'LY OF VICTORIA AVE.
DESIGNED BY
CHECKED BY
DRAWN BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
R.E. NO. 1134
DATE NOV. 23, 1960
SHEET 6 OF 9
R-112







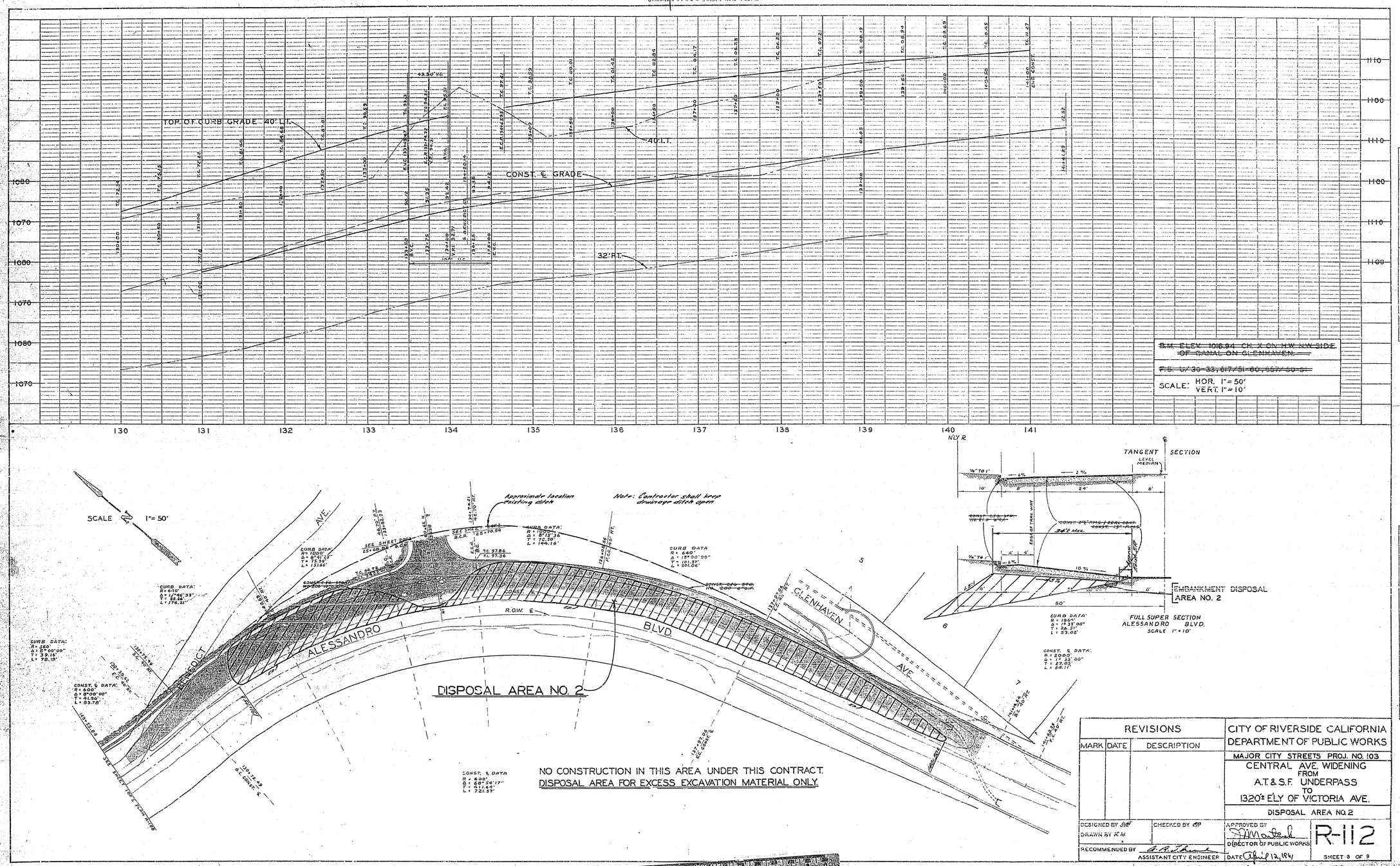
TYPICAL SECTION AT STATION 2+00

Hor. Scale: 1" = 10' Vert. Scale: 1" = 5'

NO CONSTRUCTION IN THIS AREA UNDER THIS CONTRACT.
DISPOSAL AREA FOR EXCESS EXCAVATION MATERIAL ONLY.

REVISIONS			CITY OF RIVERSIDE CALIFORNIA
MARK	DATE	DESCRIPTION	DEPARTMENT OF PUBLIC WORKS
△	3-31-61	General Revisions per "Job Book" Ann. Dwg. 1467	MAJOR CITY STREETS PROJ. NO. 103
			CENTRAL AVE. WIDENING FROM A.T. & S.F. UNDERPASS TO 1320± ELY OF VICTORIA AVE.
			DISPOSAL AREA NO. 1
DESIGNED BY CEF, TEK	CHECKED BY CEF, WAS		APPROVED BY
DRAWN BY B. Law			DIRECTOR OF PUBLIC WORKS
RECOMMENDED BY	ASSISTANT CITY ENGINEER		R.E. No. 8134
			DATE Nov. 29 1960
			R-112
			SHEET 7 OF 9

PLATE 1-PLAN-PROFILE 3.P.P 3.4.6.E STANDARD
KERRETT L. ESSER CO., NEW YORK
K.E.E. Co. No. 346-R



REVISIONS		
MARK	DATE	DESCRIPTION

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MAJOR CITY STREETS PROJ. NO. 103

CENTRAL AVE. WIDENING
FROM
A.T.&S.F. UNDERPASS
TO
1320'± ELY OF VICTORIA AVE.

DISPOSAL AREA NO. 2

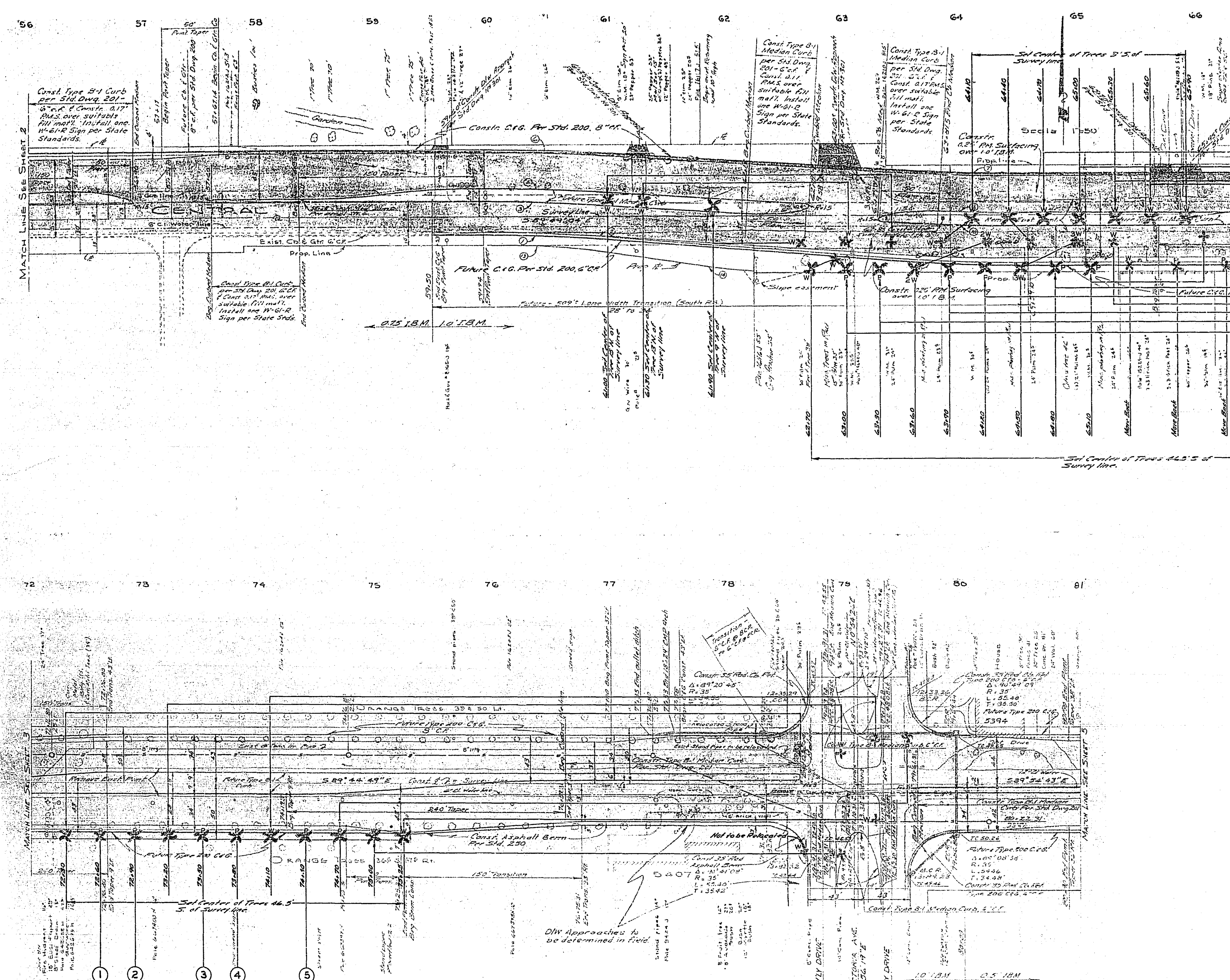
DESIGNED BY [illegible] CHECKED BY [illegible]
DRAWN BY [illegible]
RECOMMENDED BY [illegible] ASSISTANT CITY ENGINEER
APPROVED BY [illegible] DIRECTOR OF PUBLIC WORKS
DATE April 12, 1964

R-112

SHEET 8 OF 9

PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO. ____
STRUCTURE NOTATIONS CH-40
BY
DATE

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO. ____
PLT. 18 PAGE 1 RECORD
BY
DATE



LEGEND

W = WASHINGTONIA ROBUSTA

P = PHOENIX CANARIENSIS

APPROVED *Ellis L. Kinsley, Park Supt 3-29-61*
FOR PARK & RECREATION DIRECTOR — DATE

REVISIONS		
MARK	DATE	DESCRIPTION

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MAJOR CITY STREETS PROJ. NO. 103

CENTRAL AVE. WIDENING
FROM
A.T. & S.F. UNDERPASS
TO
1320'± E'LY OF VICTORIA AVE.

PALM TREE RELOCATION PLAN

DESIGNED BY – D.H.B.
DRAWN BY – R.M.
CHECKED BY *[initials]*
RECOMMENDED BY *[signature]* ASSISTANT CITY ENGINEER
APPROVED BY *[signature]* DIRECTOR OF PUBLIC WORKS RE. NO. 8134
DATE *April 12, 1961*

R-112

SHEET 9 OF 9