

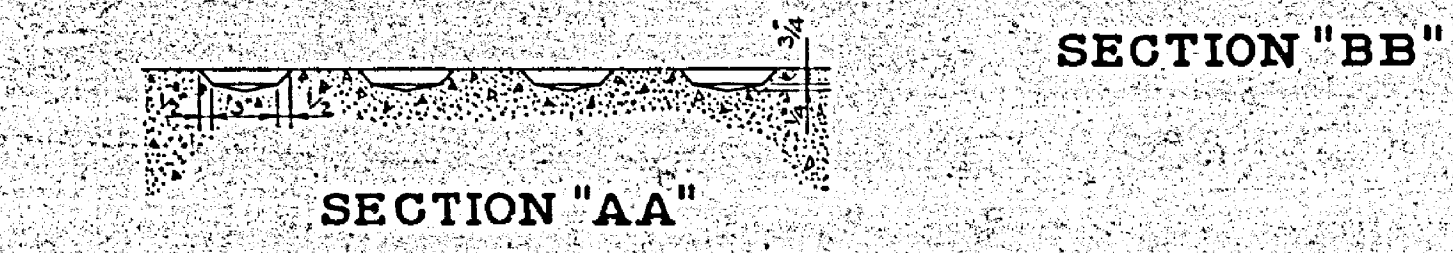
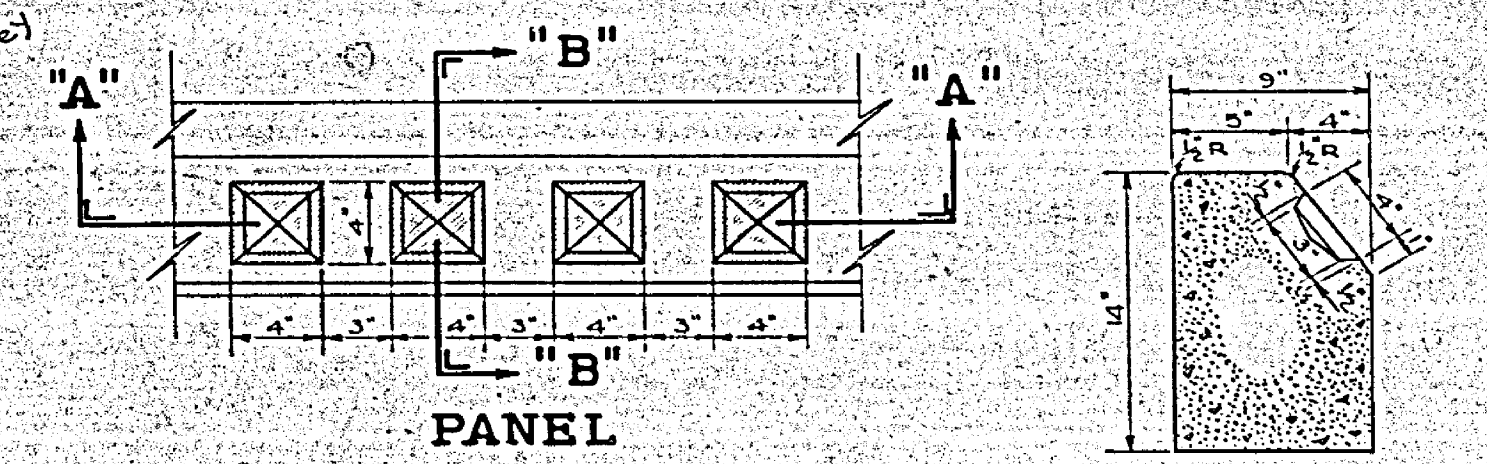
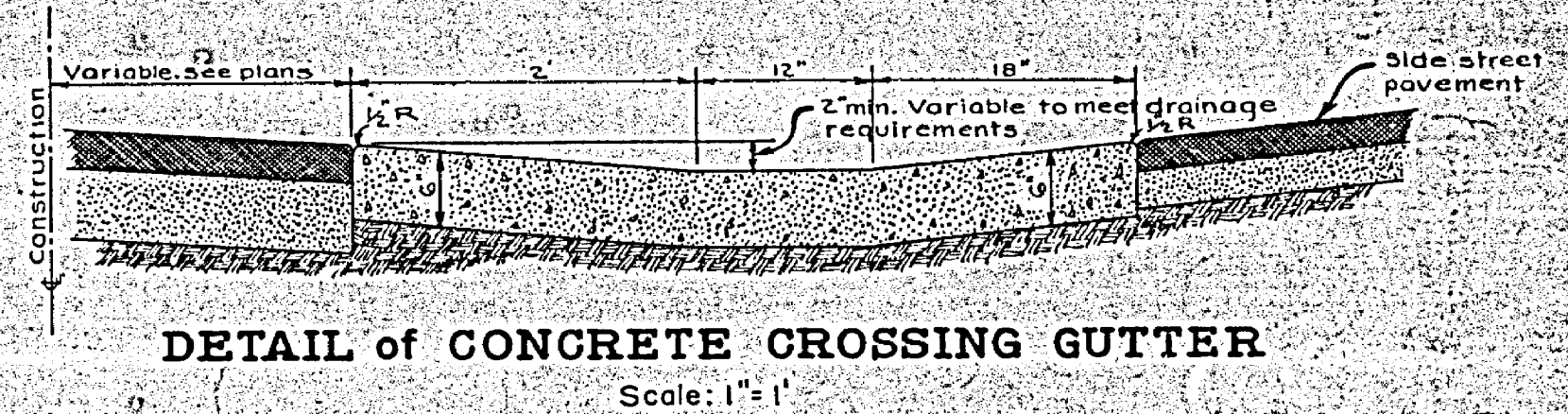
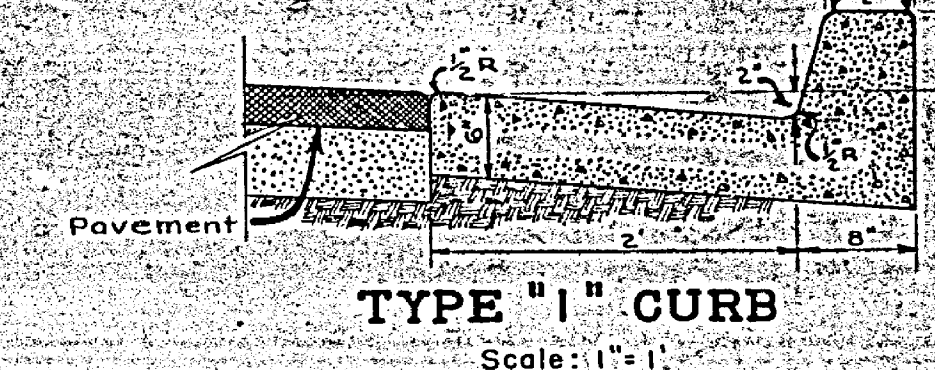
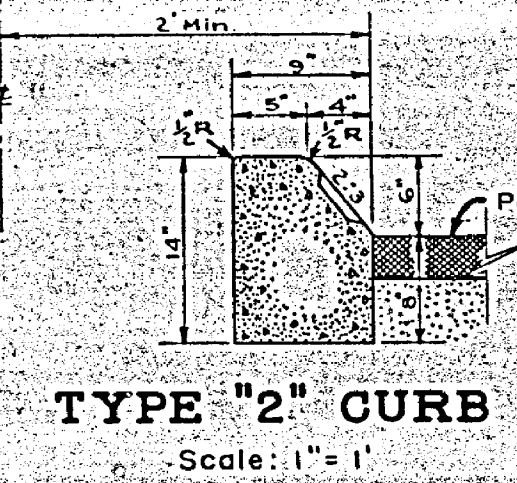
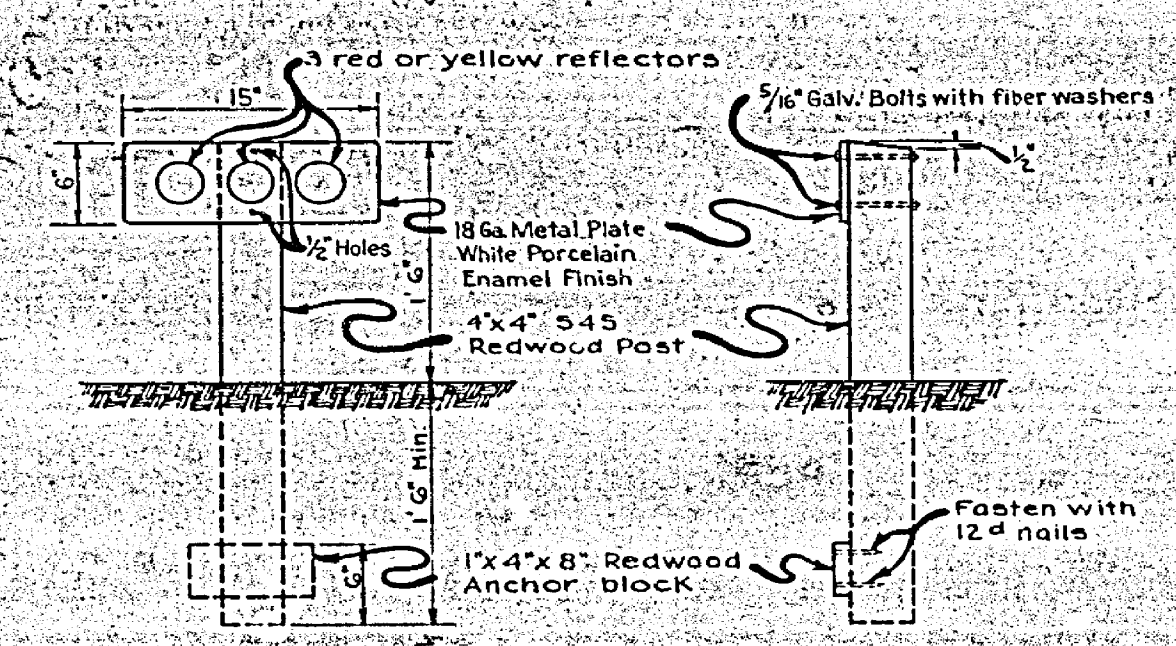
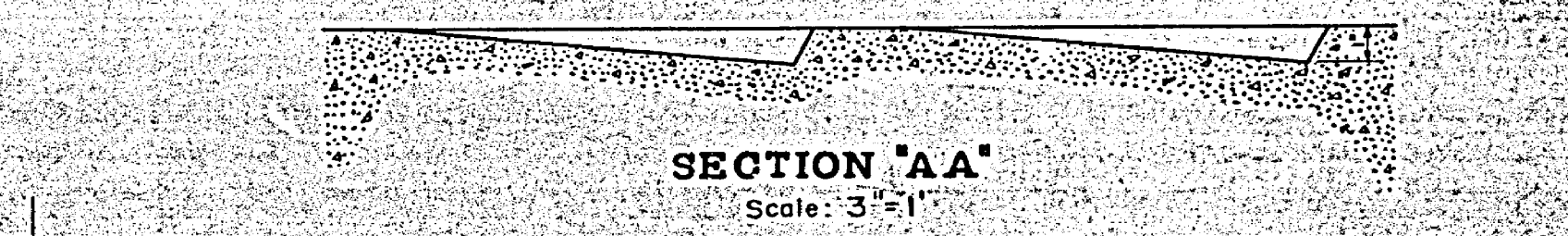
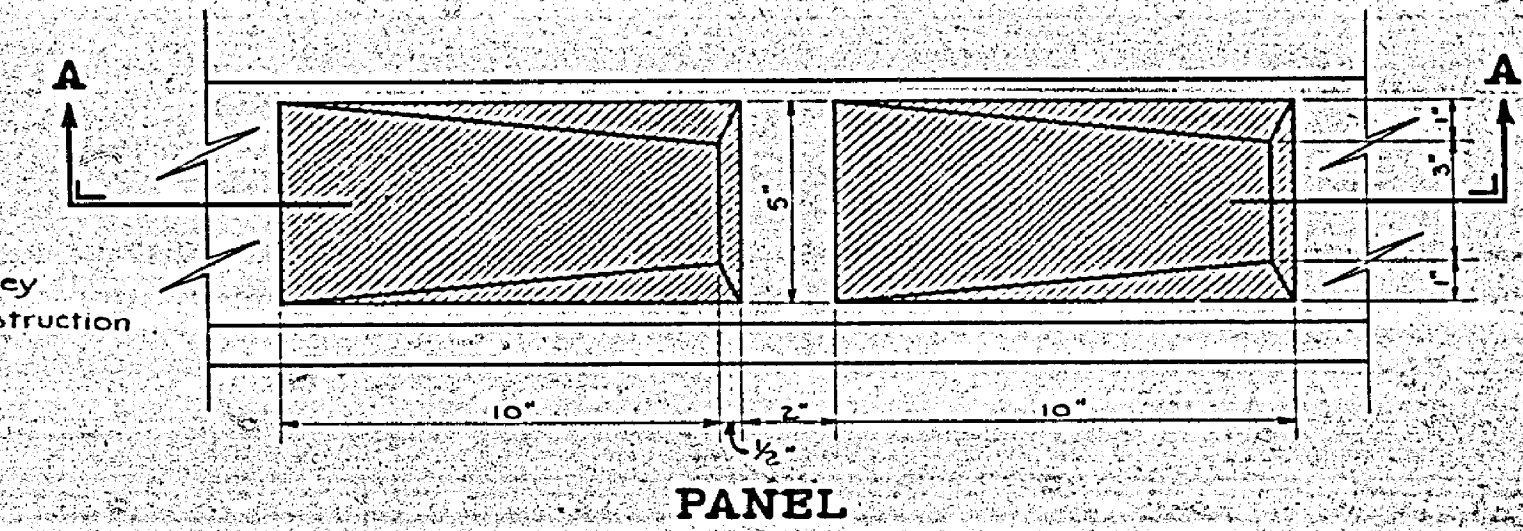
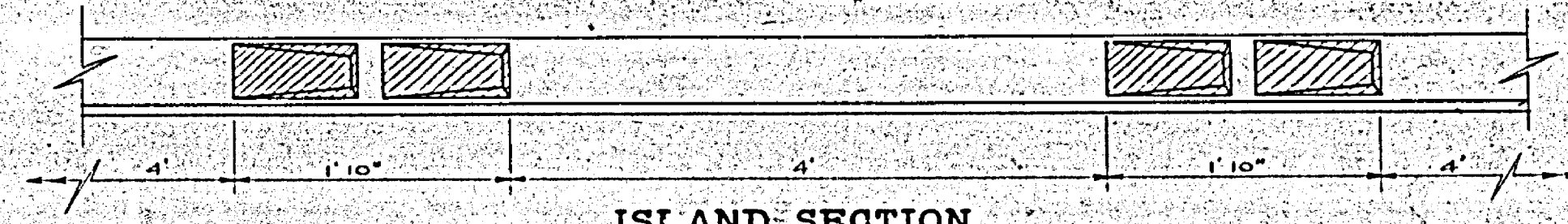
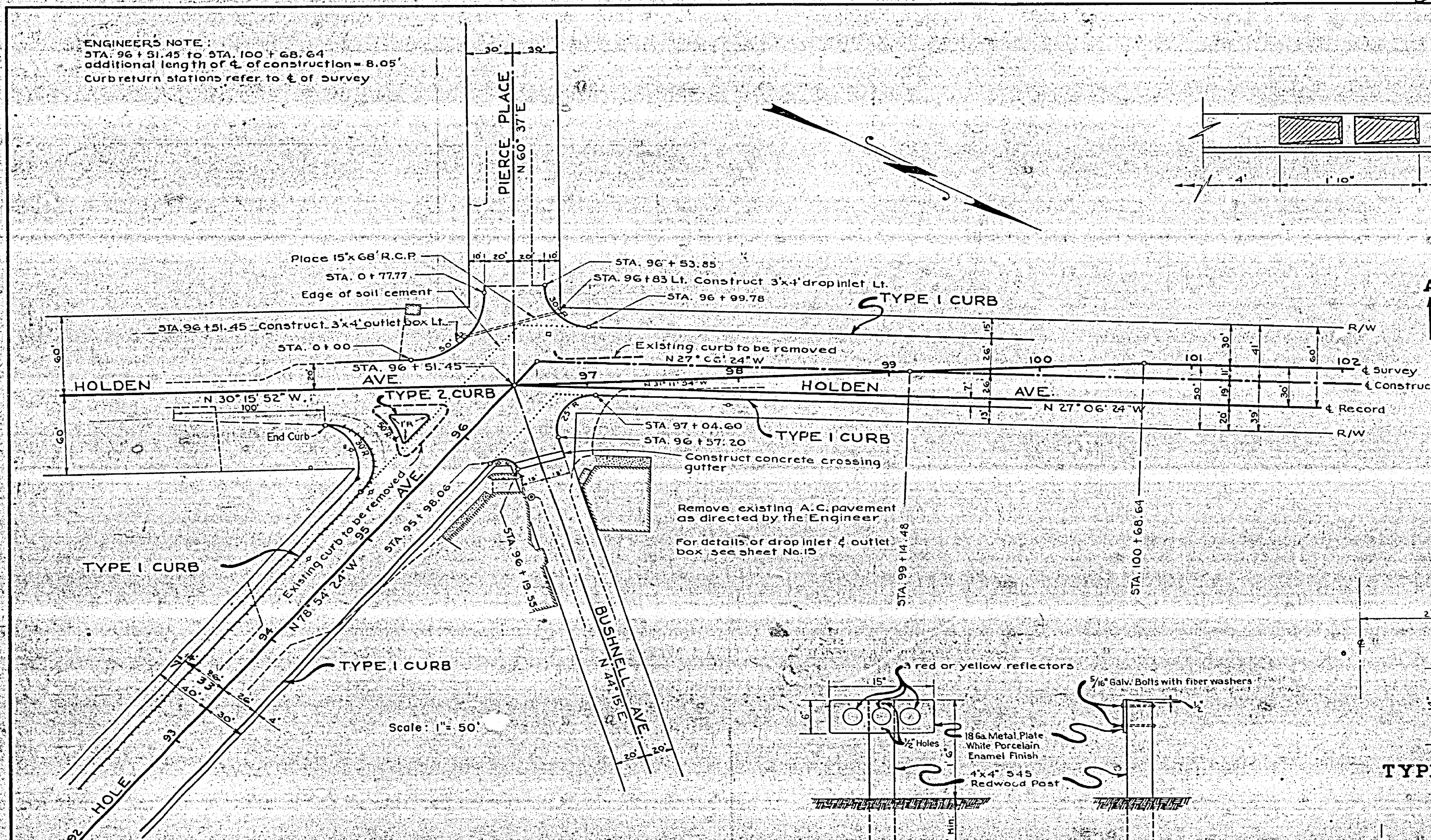
Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
2	CAL.	S-701(1)	1950	15	20

DIST.	COUNTY	ROUTE	SEC.	Sheet No.	Total Sheets
VIII	Riverside	TOI	FAS	15	18

S-701(1)

Approved: *S.M. Rowden*
 Dist. Eng. Dist. VIII
February 1951
A. S. Keith
 Assistant State Highway Engineer
 Civil Engineer License No. 3694
 Riverside County

ENGINEERS NOTE:
 STA. 96 + 51.45 to STA. 100 + 66.64
 additional length of construction = 8.05'
 Curb return stations refer to $\frac{1}{4}$ of survey



CURB & INTERSECTION DETAILS
 STATION 96 + 51.45

52-8DC1

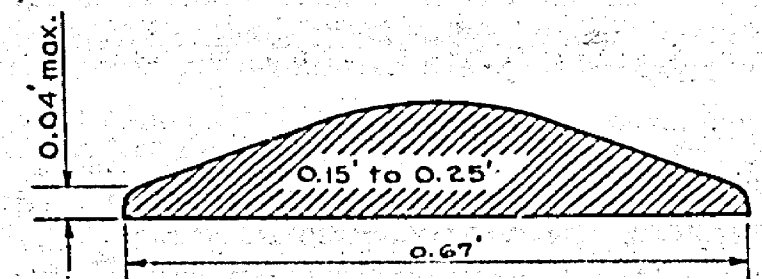
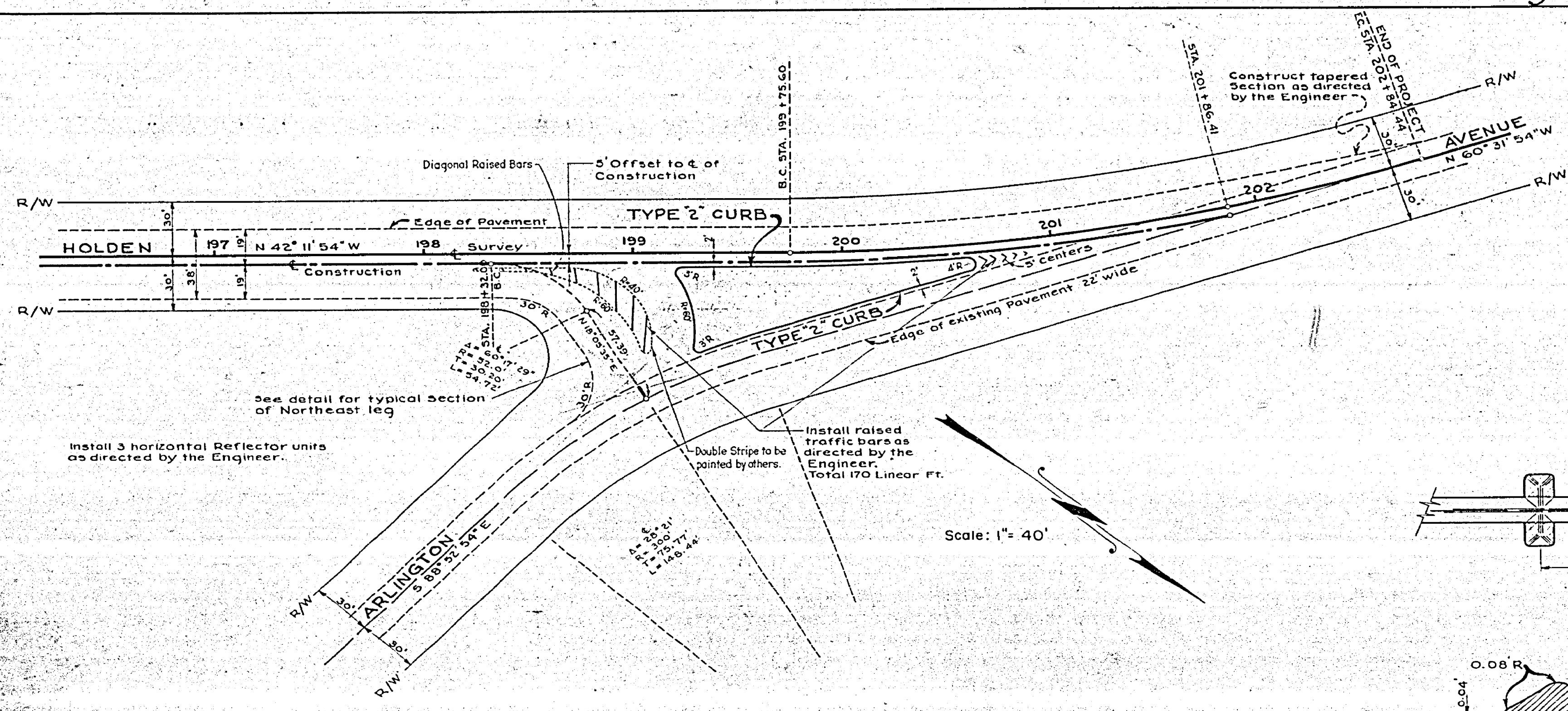
R-1083

S-701(1)

Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
2	CAL.	5-701(1)	1950	14	25/29

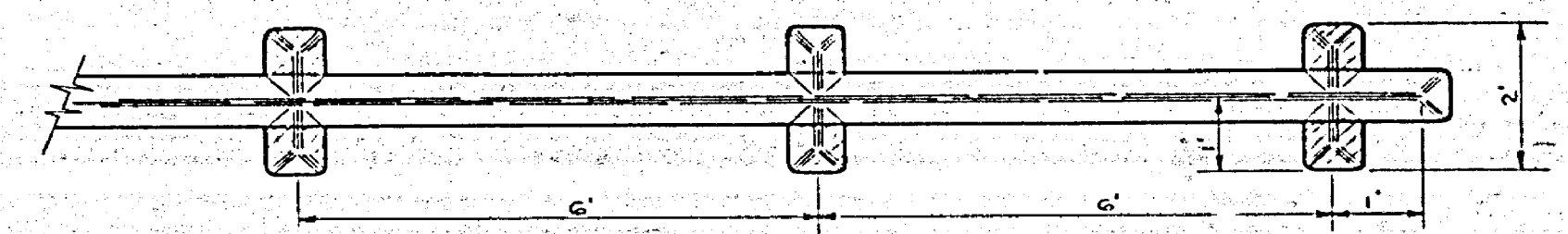
DIST.	COUNTY	ROUTE	SEC.	Sheet No.	Total Sheets
VIII	Riverside	FAS	701	14	18

J.W. Rowden
 Dist. Eng. Dist. VIII
 Approved February 5, 1951
J.M. Murray
 State Engineer
 License No. 9854
A.C. Smith
 County Surveyor
 Riverside County



CROSS SECTION of RAISED BARS

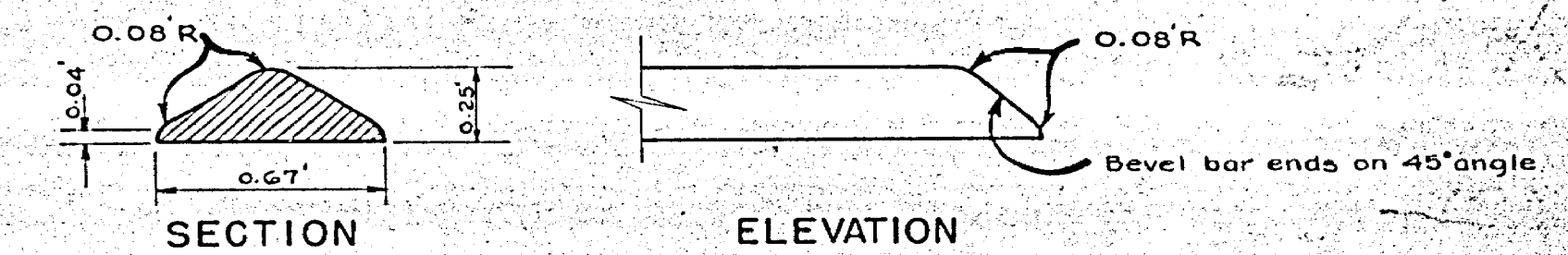
Note: Bars to be spaced from 5' to 10' apart and at 45° skew to roadway as directed by the Engineer.



PLAN

Scale: 1" = 2'

Note: Paint all exposed surface of bars with beaded white traffic lacquer

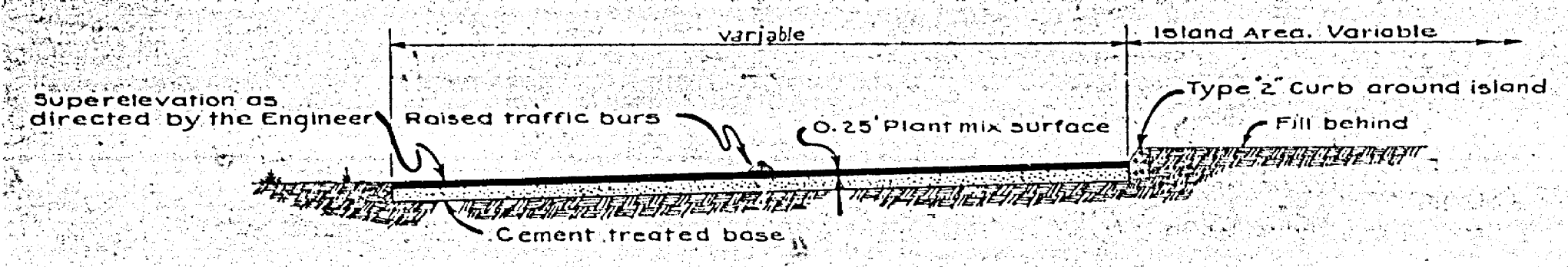


SECTION

ELEVATION

Scale: 1" = 6'

RAISED TRAFFIC BARS (PINS)



TYPICAL SECTION NORTHEAST LEG

CURB & INTERSECTION DETAILS
 STATION 199 + 75.60

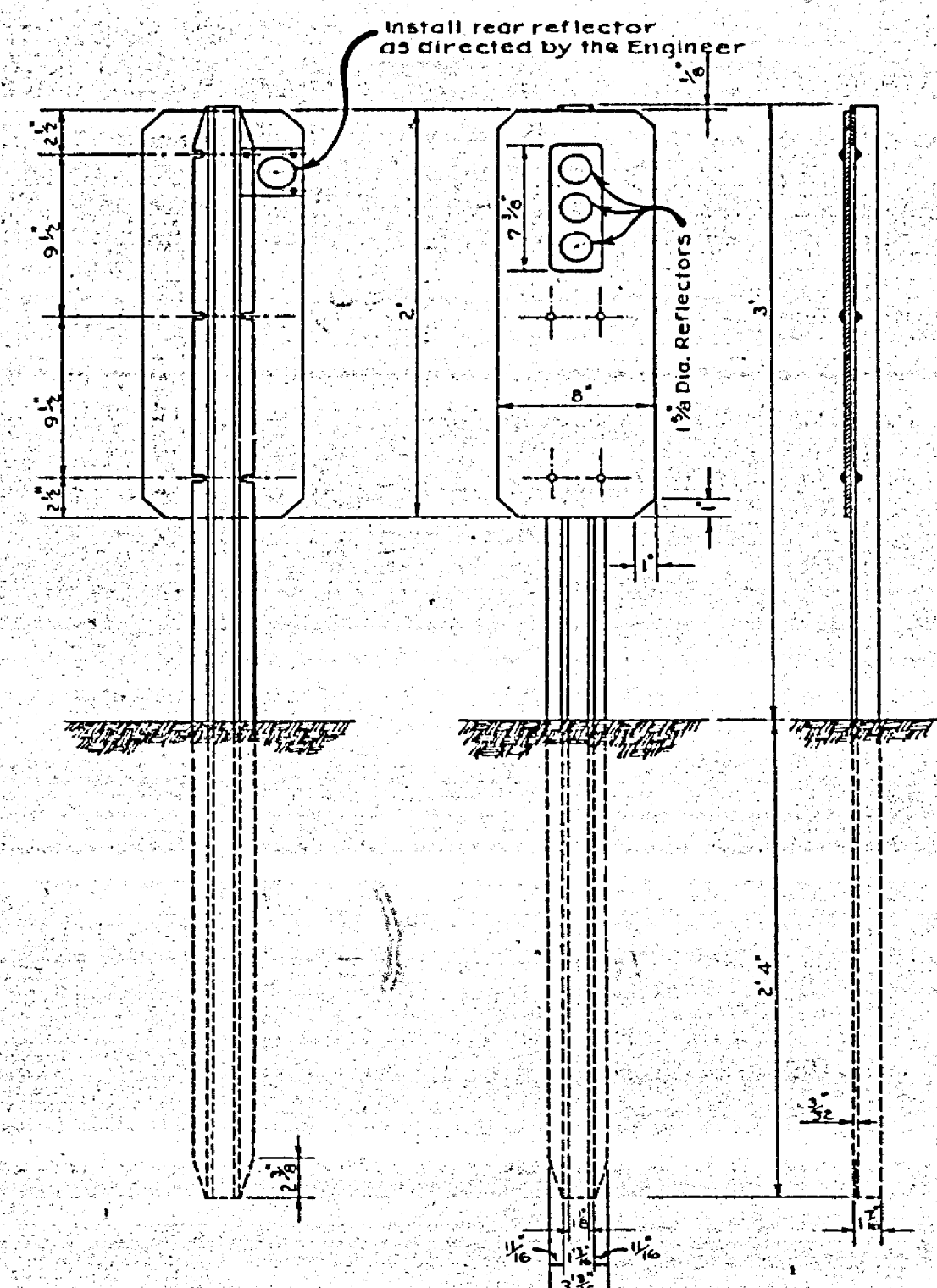
52-8DCI
 R-1083

5-701(1)

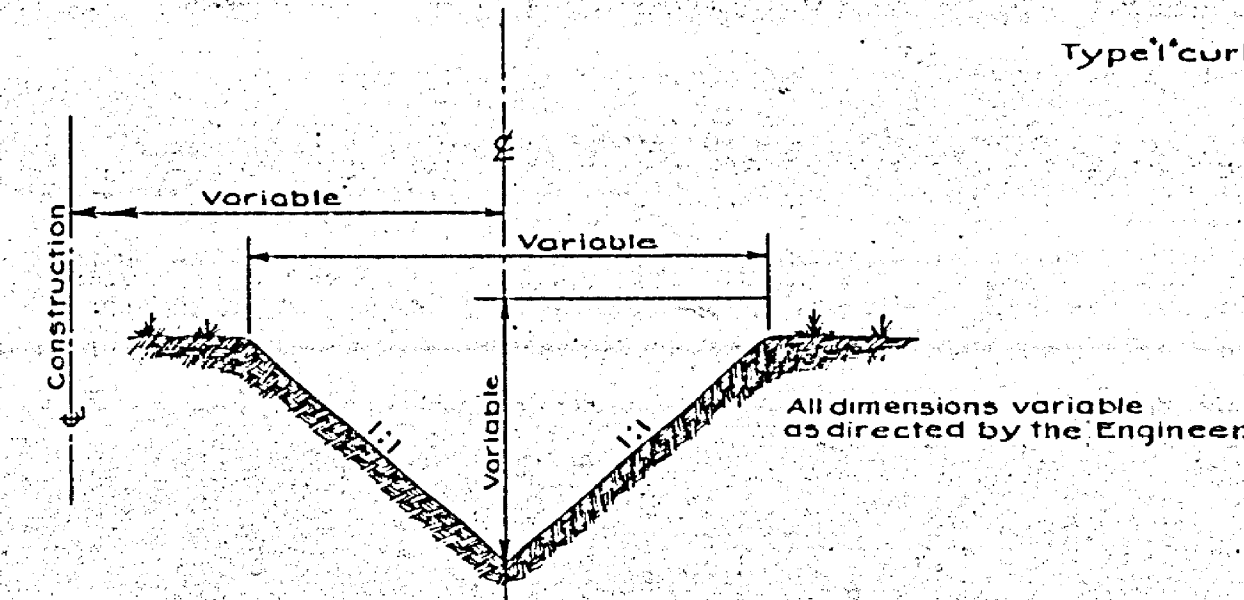
Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
2	CAL.	S-701(1)	1950	15	19

DIST.	COUNTY	ROUTE	SEC.	Sheet No.	Total Sheets
VIII	Riverside	701	FAS	15	18

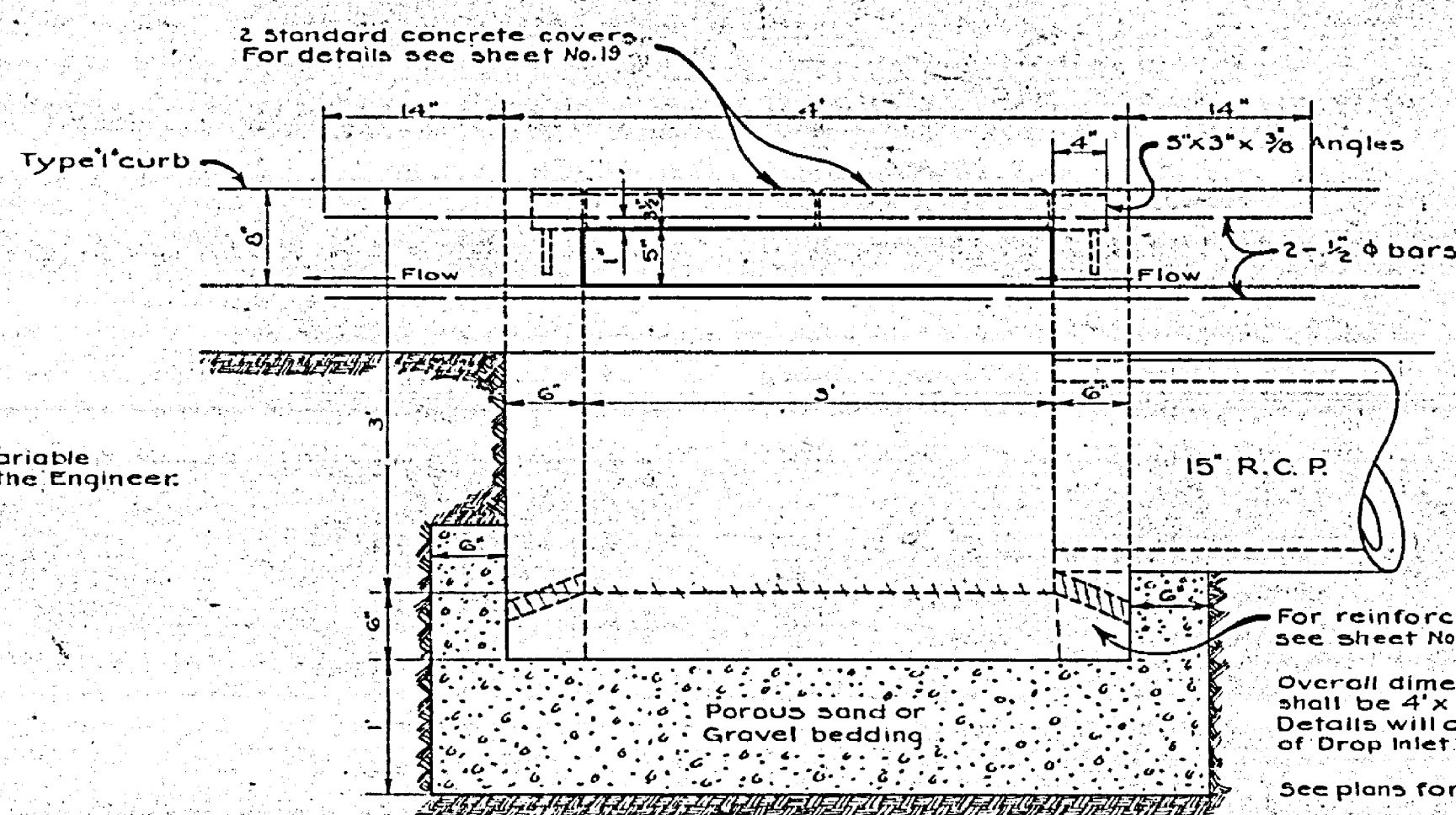
S. W. Rowden
 Dist. Eng. Dist. VIII
 Approved *February 5, 1951*
J. M. ...
 Civil Engineer License No. 5894
C. C. ...
 County Surveyor
 Riverside County



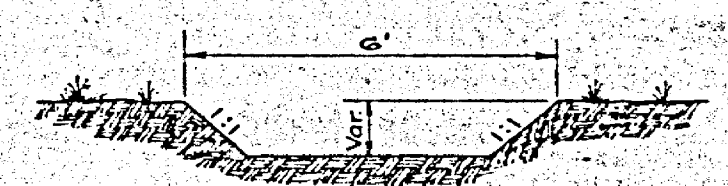
METAL GUIDE POST & CULVERT MARKER
 Scale: 1 1/2" = 1'



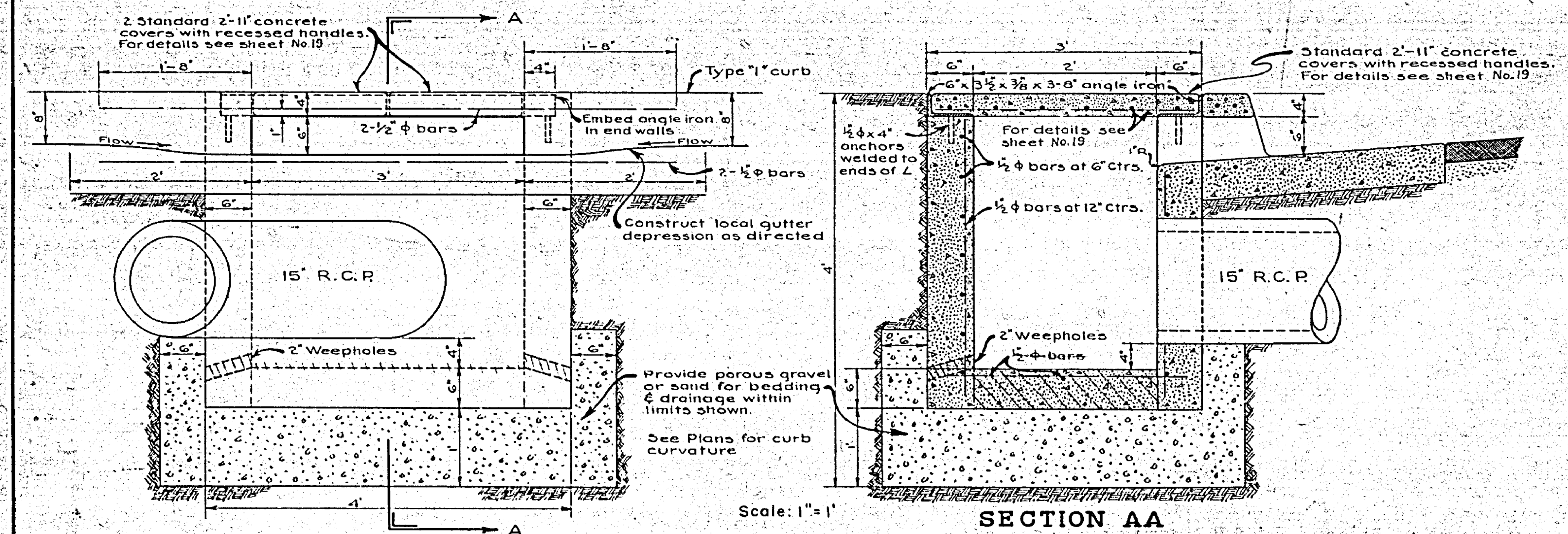
TYPICAL SECTION of LEAD DITCHES
 No Scale



ELEVATION of OUTLET BOX
STATION 96 + 51 LEFT
 Scale: 1" = 1'



TYPICAL SECTION of OUTFALL DITCH for CULVERT STA. 160 + 00
 Scale: 1" = 3'



ELEVATION SECTION AA
DETAILS of DROP INLET
STATION 96 + 83 LEFT
 Scale: 1" = 1'

MISCELLANEOUS DETAILS

FAS 701 (1)

52-8D.C1

R-7083

5-701(1)

STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
CAL.	1950	16	28

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
VIII	RIV.	701	FAS. 16	16	18

S.W. Rowden
 Dist. Eng. Dist. VII
 Approved February 5, 1951
 J. H. ...
 Associated State Highway Engineer
 Civil Engineer License No. 3084
 County Surveyor & Road Commissioner

SUMMARY OF MISCELLANEOUS CONSTRUCTION QUANTITIES

LOCATION		DESCRIPTION	Square Feet	QUANTITY (c.y)
STA.	STA.			
43+73	44+33	EXCAV. FOR CULVERT	910	17.93
25+00	30+40	Hole Avenue	8640	133.3 134.40
30+45	40+00	EXCAV. FOR CULVERT	90	1.24
34+60	40+00	Cut thru hill	8640	133.3 134.40
44+00	44+16			
66+00	66+10	Excav. for Culvert	1160	8.6 2.40
81+75	81+00	EXCAV. FOR CULVERT	1040	16.10
104+00	81+00	Cut thru hill	17600	271.6 273.78
88+50	82+20	HOLE AVE.	4800	74.67
96+51	102+13	Intersection	8995 10384	138.9 141.53
96+51		Inter. Pave. Returns	1150 960	14.0 14.03
114+00	114+10	Excav. for Culvert	160 100	8.5 1.56
120+00		EXCAV. FOR CULVERT	90	1.24
120+00	160+00	Holden Avenue	1600	24.7 24.89
162+30	164+00	Holden Avenue	2720	42.0 42.37
178+00	198+00			
198+50		East Leg Curve	3580 1600	54.3 24.89
199+33	200+50	Island curbing	170 130	2.3 2.02
Total			62,355 593/4	919.4 925.46

LOCATION	DESCRIPTION	QUANTITY (c.y)
66+00	Headwalls Rt. & Lt.	0.82
76+20	Headwall Lt.	1.35
87+30	Sidewalk Lt.	0.07 0.32
87+40	Headwall Lt.	0.23
87+75	Driveway Rt. Lt.	0.39 0.34
90+25	Driveway Lt.	0.52
88+10	Sidewalk Lt.	0.04 0.15
91+10	Sidewalk Lt.	0.15
88+30	Driveway Rt.	2.73 3.37
91+55	Curb	0.28
95+85	Curb on Triangle Lt.	3.53 3.54
92+24	Curb	0.77
97+00	Curbing Lt.	1.66 1.65
114+25	Headwalls Rt. & Lt.	0.99 0.67
90+50	Concrete Dip Lt.	1.67
146+60	Driveway Rt.	0.99 1.89
121+20	Headwall Lt.	0.16
149+20	Headwall Lt.	0.16
188+80	Headwalls Lt.	0.28
Total		11.28 16.32

STA. TO STA.	RT. or LT.	BARS
20+70-21+25	Rt.	150 8 8
198+00	Rt.	80 12 9
198+90-200+30	Rt.	36 2 9

STA. TO STA.	RT. or LT.	REFLECTORS		NO.
		FRONT	BACK	
237+25-24+75				2
24+60-25+00	Rt.			2
30+50-35+60	Rt. & Lt.			18 7
65+60-67+00	Rt.			3 4
77+00-80+00	Rt. & Lt.			5
158+75-163+20	Rt. & Lt.			8 14
168+00-163+00	Rt. & Lt.			8 14
171+60-176+00	Rt. & Lt.			8 4
172+30-181+00	Rt. & Lt.			13 10
173+50-199+00	Rt.			1 9

CLASS "A" P.C.C. CURBS, GUTTERS		LOCATION	LINEAR FT. CURBS		TOTAL C.Y.
STA. TO STA.	TYPE 1		TYPE 2		
85+82.34	95+96.78	Hole Ave. South Side	1014.44		65.43
86+13.90	96+04.31	Minier to Holden Ave	10.22		65.92
86+25.40	90+90.65	Hole Ave North Side	465.05		20.99
86+64.83	90+69.91	Doane to Wells Ave	4.87		30.19
90+90.65	91+37.42	Wells Ave - Conc. crossing		75.35	6.28
90+60.81	91+61.52			92	7.88
91+37.62	96+16.09	Hole Ave North Side	478.47		30.86
91+61.52	96+19.55	Wells to Bushnell Ave	477		80.77
95+85		Island Curbing		59.43	1.74
				65	2.50
94+79.67	96+61.81	Holden Ave - Southwest	182.14		11.75
96+31.46		Pierce to Holden Ave	193		8.68
96+61.81	102+08.40	Holden Ave - Southwest	546.39		35.26
96+99.78	102+00	Pierce St. to end of curb			38.22
96+59.85	102+22.36	Holden Ave - Northeast	542.57		36.28
96+52.20	104+80.74	Bushnell to Nebraska	568		36.62
96+19.56		Bushnell Ave conc. crossing		26.48	2.20
				50	2.50
198+85	200+60	Island - Arlington Ave		327.50	9.60
				356	9.51
Total			3249.20	388.93	101.83
			3249	389	102

STA.	LOCATION	NO.
85+90	Minier Ave. Lt.	1
86+40	Doane Ave. Rt.	1
90+80	Wells Ave. Rt.	1
91+40	Wells Ave. Rt.	1
95+80	Inter. Island Lt.	3
96+51	Intersection Returns	4
101+98	Nebraska Ave Rt.	1
102+00	End Curb Lt.	1
199+50	Inter. Island Lt.	3
Total		16

SUMMARY OF MISCELLANEOUS CONSTRUCTION QUANTITIES

FAS 701 (1)

52-8DC1

R-1083

S-701 (1)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	CAL.	3-701 (1)	1950	18	18

STATION	IN PLACE	WORK TO BE DONE	SKEW	GA.	R.C.P.				C.M.P.				C.M.P. ARCH				E&B	CULV. MKRS.	DITCH CHANNEL EXC.	P.C.C. Cu. Yds.	BAR REINF. lbs.	REMARKS
					12"	15"	18"	24"	12"	15"	18"	24"	12"	15"	18"	24"						
20+50	12" R.C.P.	Extend ends 30' Constr. lead ditches			60											24	2	3+			Side drain	
45+08	16" R.C.P.	Place 22"x13"x60' C.M.P. Arch-Constr. lead ditches								60						19.65	2	60.00			Side drain	
64+43	16" R.C.P.	Place 22"x13"x50' C.M.P. Arch-Constr. lead ditches								50						19.59	2	5			Side drain	
85+90	12" R.C.P.	Place 25"x16"x18' C.M.P. Arch												18		3.40		7.11			Side drain	
114+20	2-18" R.C.P.	Place 2-25"x16"x48' C.M.P. Arch-Constr. lead ditches												96		35	2	34			x-Drain	
62+113	14" C.M.P.	Place 2-36"x22"x48' C.M.P. Arch-Constr. lead ditches												96		43.49	2	5.34			x-Drain	
79+00	14" C.M.P.	Place 2-36"x22"x48' C.M.P. Arch-Constr. lead ditches												96		47	2	40			x-Drain	
77+29	14" R.C.P.	Place 22"x13"x44' C.M.P. Arch-Constr. lead ditches												44		19	2.1	2			Side drain	
81+05	14" R.C.P.	Place 22"x13"x44' C.M.P. Arch-Constr. lead ditches												44		12.69					Side drain	
96+51		Place 15"x68' R.C.P.-Constr.-Inlet & Outlet Boxes	18°		68											61.36		1.73	500	500	P.C.C. Steel quantities for estimate only	
114+00	16" R.C.P.	Place 25"x16"x84' C.M.P. Arch-Constr. lead ditches	40°	14											84						x-Drain	
113+72	14" C.M.P.	Place 29"x18"x70' C.M.P. Arch-Constr. lead ditches		14												32.05					x-Drain	
129+75	14" C.M.P.	Place 29"x18"x70' C.M.P. Arch-Constr. lead ditches		14												32.05					x-Drain	
148+04	14" C.M.P.	Place 22"x13"x48' C.M.P. Arch-Constr. lead ditches		14										48	32	36.16	2	53.24			Side drain	
160+56	18" R.C.P.	Place 29"x18"x18' C.M.P.		14												11.95					Side drain	
160+00	12" R.C.P.	Place 36"x22"x48' C.M.P. Arch-Constr. lead ditches		12												22	2	21			x-Drain	
161+27	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
162+06	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
164+80	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
166+06	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
166+75	12" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
167+44	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
168+04	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
168+74	14" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
169+25	12" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
170+06	12" R.C.P.	Place 29"x18"x18' C.M.P. Arch		14												5					Side drain	
171+53		Place 25"x16"x40' C.M.P. Arch-Constr. lead ditches		14												3.76					Side drain	
174+99	24" R.C.P.	Place 24"x18' C.M.P.		14						18						23	2	4			Side drain	
176+32	14" R.C.P.	Place 24"x18' C.M.P.		14						18						4.32					Side drain	
184+74		Place 24"x18' C.M.P.		14						18						4.32					Side drain	
188+25		Place 24"x18' C.M.P.		14						18						4.32					Side drain	
192+26		Place 24"x40' C.M.P. Constr. lead ditches		14						40						73	2	4			Side drain	
193+25		Place 18"x18' C.M.P.		16						18						5					Side drain	
196+26		Place 18"x18' C.M.P.		16						18						5					Side drain	
197+20		Place 18"x18' C.M.P.		16						18						5					Side drain	
41+05		Place 22"x13"x18' C.M.P.		14												2.70					Side drain	
46+50		Place 22"x13"x18' C.M.P.		14												3.17					Side drain	
50+45		Place 22"x13"x60' C.M.P.		14												21.77	2	2.59			x-Drain	
52+75		Place 22"x13"x18' C.M.P.		14												2.89					Side drain	
73+71		Place 18"x18' C.M.P.		16						18						3.19					Side drain	
73+98		Place 18"x18' C.M.P.		16						18						3.19					Side drain	
73+72		Place 18"x18' C.M.P.		16						18						3.25					Side drain	
79+25		Place 18"x18' C.M.P.		16						18						3.34					Side drain	
168+23		Place 29"x18"x18' C.M.P.		14										18		4.27					Side drain	

Approved February 5, 1951
 J. H. ...
 Civil Engineer License No. 3094
 County Surveyor

TOTALS	60	68	54	126	112	202	206	238	268	286	144	490	24.25	200	21.73	500	373.90
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FAS 701 (1)

52-8DC1 CULVERT SHEET

R-1083

S-701 (1)

DIST.	STATE	FEDERAL PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
VIII	CALIF.	701	F.A.S.	18	19

DROP INLET WITH CAST STEEL COVER

Drop inlet quantities, inlet openings not deducted
Based on minimum dimensions

D	A' bars	B' bars	C' bars	Steel lbs	Conc. C.Y.			
18"	10	3'-5"	16	2'-9"	12	3'-9"	86	0.91
24"	10	4'-5"	20	2'-9"	15	3'-9"	108	1.10
30"	10	4'-11"	22	2'-9"	16	4'-3"	124	1.30
36"	11	5'-11"	26	2'-9"	18	4'-9"	154	1.65

Note: D = nominal diameter of pipe
Steel in conc. cover and angle iron not included in table.
Angle iron over each opening when required, to be paid for as reinforcing steel. Fill space below invert of pipe with concrete when directed by the Engineer.

PIPE CULVERT HEADWALLS

Standard Bronze Cap Marker to be furnished by the State:

Ground Line
Top 6" to be poured with side forms
CL 'A' P.C.C.

Dia. of Pipe	Single	Double	1/2" Steel Sgl.	1/2" Steel Dbl.	Conc. Sgl.	Conc. Dbl.	
12"	4'-0"	6'-0"	2'-0"	17	26	0.44	0.65
15"	5'-0"	7'-0"	2'-6"	20	30	0.58	0.78
18"	5'-6"	8'-0"	2'-9"	22	34	0.66	0.93
24"	7'-6"	10'-6"	3'-9"	29	43	0.98	1.33
30"	9'-0"	12'-9"	4'-6"	35	51	1.27	1.73
36"	10'-6"	15'-0"	5'-3"	40	59	1.60	2.17
42"	12'-0"	17'-3"	6'-0"	46	67	1.96	2.67
48"	14'-0"	20'-0"	7'-0"	52	77	2.43	3.27
54"	15'-6"	22'-3"	7'-9"	57	85	2.85	3.84

Note: Where D > 54" use standard wing wall design
L' wall quantities are variable
Quantities are based on the use of C.M.P.

DROP INLET WITH CONCRETE COVER

Drop inlet quantities, inlet openings not deducted
Based on minimum dimensions

D	A' bars	B' bars	C' bars	Steel lbs	Conc. C.Y.			
18"	10	3'-5"	16	2'-9"	12	3'-9"	86	0.91
24"	10	4'-5"	20	2'-9"	15	3'-9"	108	1.10
30"	10	4'-11"	22	2'-9"	16	4'-3"	124	1.30
36"	11	5'-11"	26	2'-9"	18	4'-9"	154	1.65

Note: D = nominal diameter of pipe
Steel in conc. cover and angle iron not included in table.
Angle iron over each opening when required, to be paid for as reinforcing steel. Fill space below invert of pipe with concrete when directed by the Engineer.

UNDER DRAIN

SECTION UNDER DRAIN

FIELD JOINT FOR SIPHONS

FIELD JOINT FOR SIPHONS

STRUT DETAILS

STRUT DETAILS

DETAILS OF PIPE ANCHORS

DETAILS OF PIPE ANCHORS

SPILLWAY ASSEMBLY AND DOWN DRAIN

SPILLWAY ASSEMBLY AND DOWN DRAIN

CORRUGATED METAL PIPE AND FIELD ASSEMBLED PLATE CULVERTS

Diap.	0' to 15' Fill	15' to 30' Fill	30' to 40' Fill	40' to 50' Fill	50' to 60' Fill	60' to 70' Fill	70' to 80' Fill	80' to 100' Fill
Pipe Size	Spacing	Size	Spacing	Size	Spacing	Size	Spacing	Size
48"	4'x4'	6'-0"	4'x4'	5'-6"	4'x4'	4'-6"	4'x4'	4'-6"
54"	4'x4'	6'-0"	4'x4'	6'-0"	4'x4'	5'-0"	4'x4'	4'-6"
60"	4'x4'	6'-0"	4'x4'	6'-0"	4'x4'	4'-6"	4'x4'	3'-6"
66"	4'x4'	6'-0"	4'x4'	5'-6"	4'x4'	5'-6"	4'x4'	3'-6"
72"	4'x4'	6'-0"	4'x4'	5'-6"	4'x4'	5'-6"	4'x4'	3'-6"
78"	4'x4'	6'-0"	4'x4'	5'-0"	4'x4'	5'-0"	4'x4'	3'-6"
84"	4'x4'	6'-0"	4'x4'	5'-0"	4'x4'	5'-0"	4'x4'	3'-6"
90"	4'x4'	6'-0"	4'x4'	5'-0"	4'x4'	5'-0"	4'x4'	3'-6"
96"	4'x4'	5'-6"	4'x4'	5'-6"	4'x4'	5'-6"	4'x4'	3'-6"

FIELD ASSEMBLED PLATE CULVERTS

Diap.	0' to 15' Fill	15' to 30' Fill	30' to 40' Fill	40' to 50' Fill	50' to 60' Fill	60' to 70' Fill	70' to 80' Fill	80' to 100' Fill
Pipe Size	Spacing	Size	Spacing	Size	Spacing	Size	Spacing	Size
60"	4'x4'	6'-0"	4'x6'	6'-0"	4'x6'	4'-6"	6'x6'	4'-6"
75"	4'x4'	6'-0"	4'x6'	5'-0"	4'x6'	3'-6"	6'x6'	4'-6"
90"	4'x4'	5'-0"	4'x6'	4'-0"	6'x6'	5'-0"	6'x6'	4'-6"
105"	4'x6'	5'-0"	6'x6'	5'-6"	6'x6'	4'-6"	6'x6'	4'-6"
120"	6'x6'	6'-0"	6'x6'	4'-0"	6'x8'	4'-0"	6'x8'	3'-6"
135"	6'x6'	6'-0"	6'x6'	3'-6"	6'x8'	3'-6"	8'x8'	4'-6"
150"	6'x6'	6'-0"	6'x6'	4'-0"	6'x8'	4'-0"	8'x8'	4'-6"
165"	6'x6'	4'-6"	8'x8'	6'-0"	8'x8'	4'-6"	8'x8'	4'-6"
180"	6'x8'	4'-0"	8'x8'	4'-6"	8'x8'	3'-6"	8'x8'	3'-6"

Approved: *J. L. Lundy*
 Assistant State Highway Engineer
 October 28, 1949
 State Highway Engineer, Civil Engineering Division
 To accompany plans dated February 5, 1951

52-8DCI

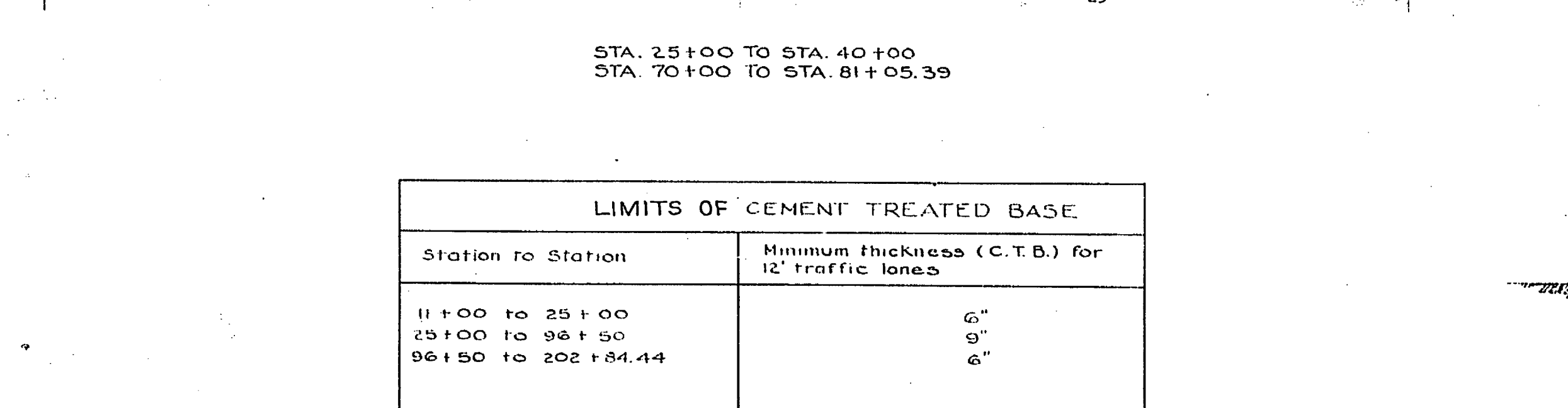
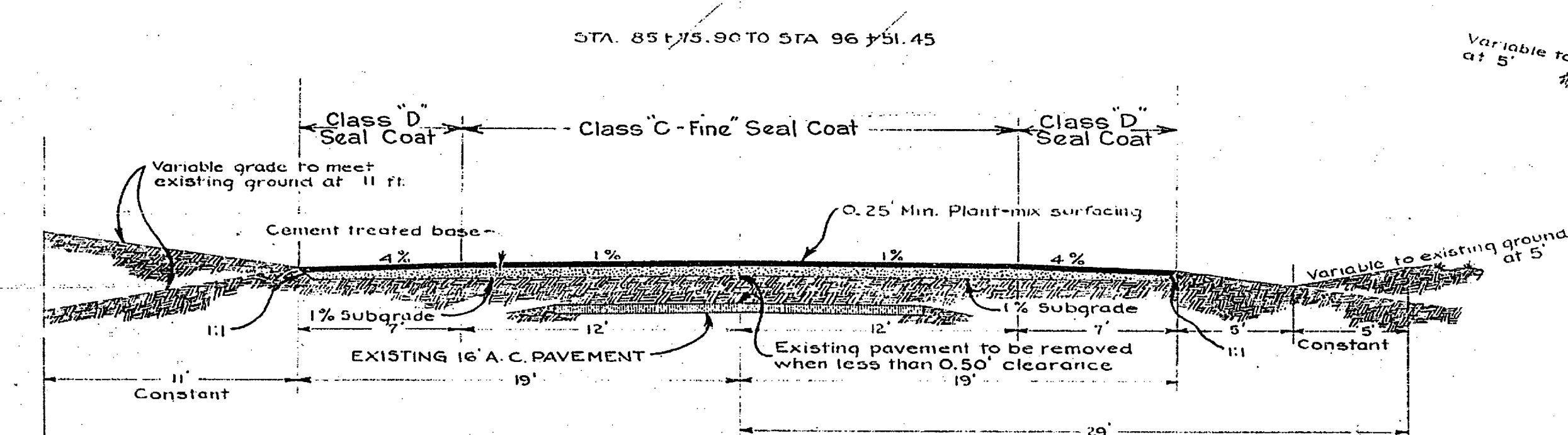
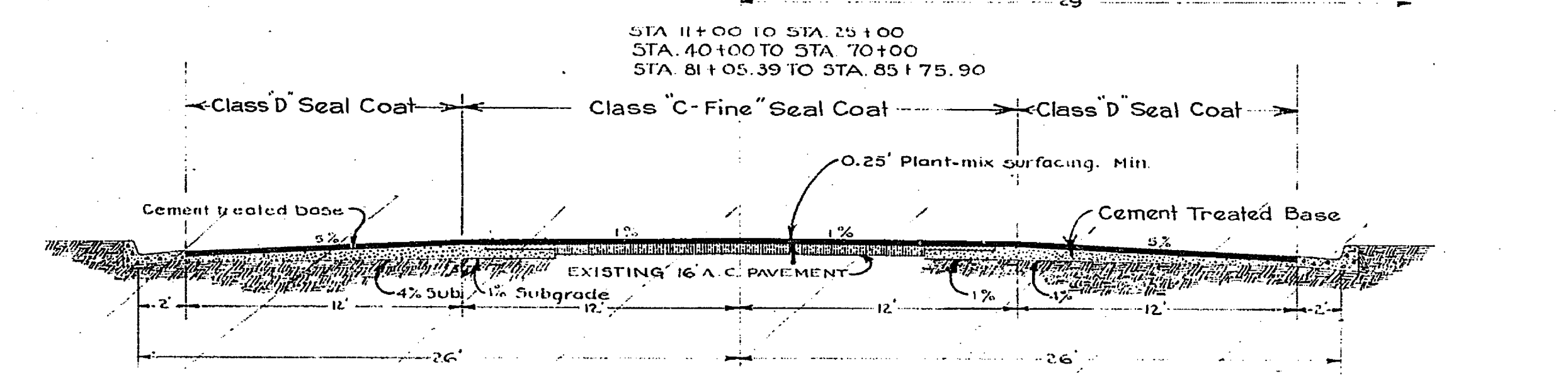
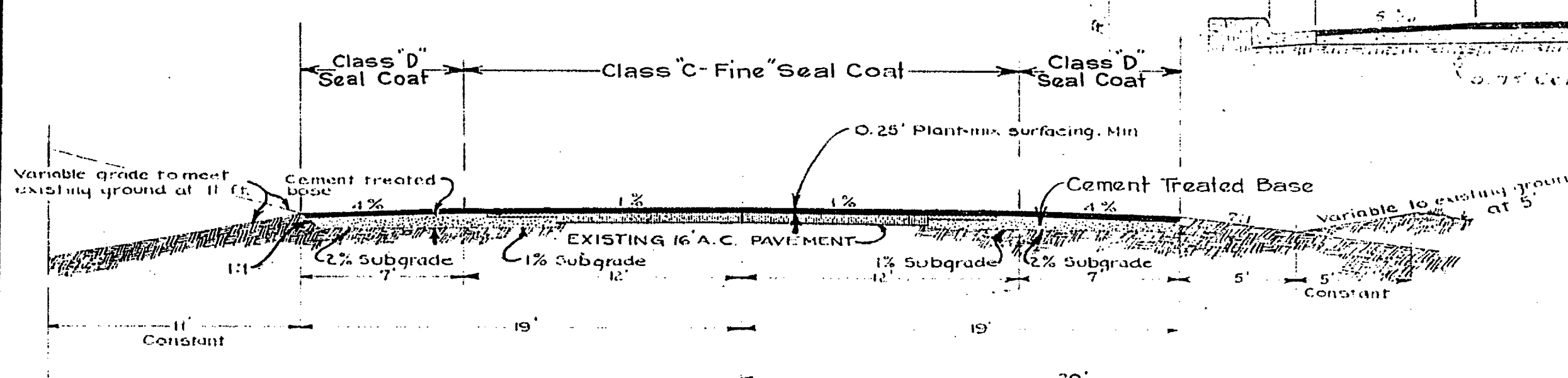
STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
**STANDARD STRUCTURES
 PIPE HEADWALLS-ETC.**

Dist No.	State	Proj. No.	Year	Sheet No.	Total Sheets
2	CAL.	S-70(1)	1950	2	18

DIST.	COUNTY	ROUTE	SEC.	Sheet No.	Total Sheets
VIII	Riverside	701	FAS	2	18

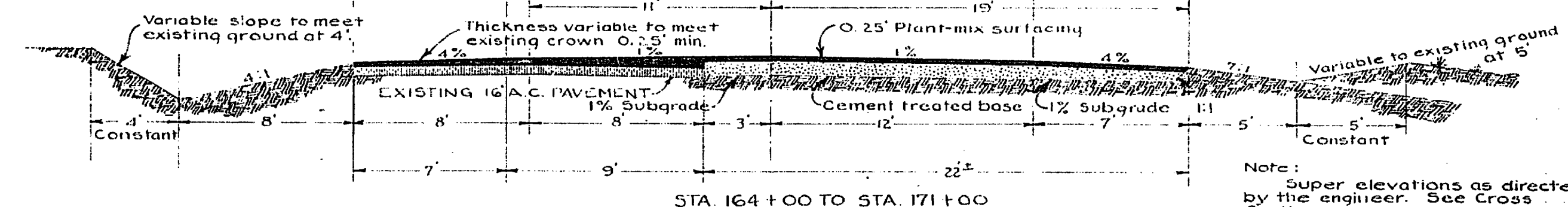
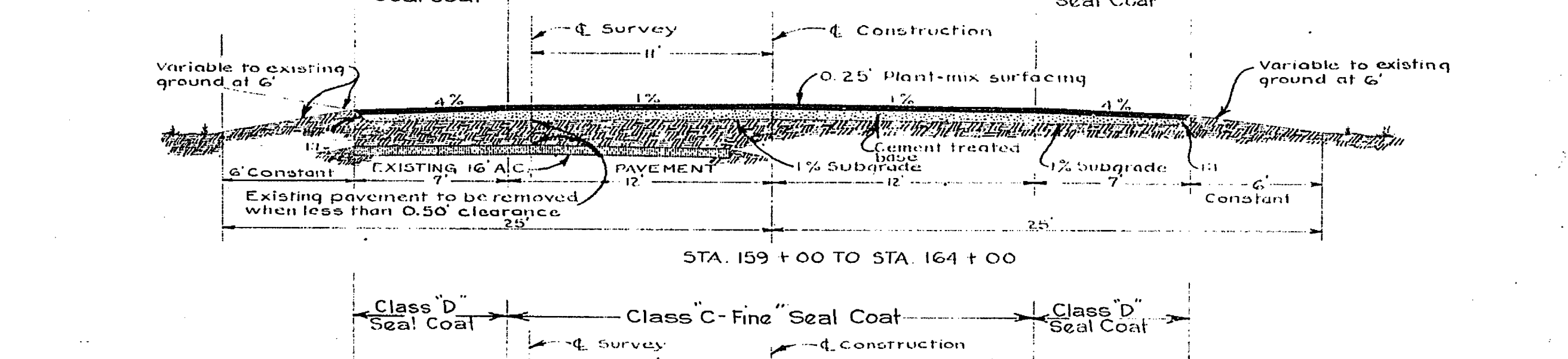
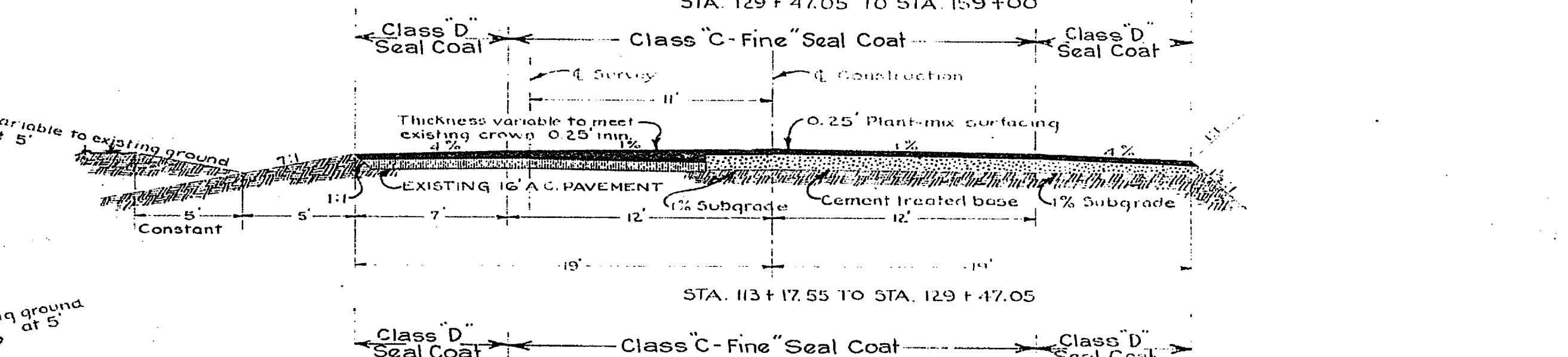
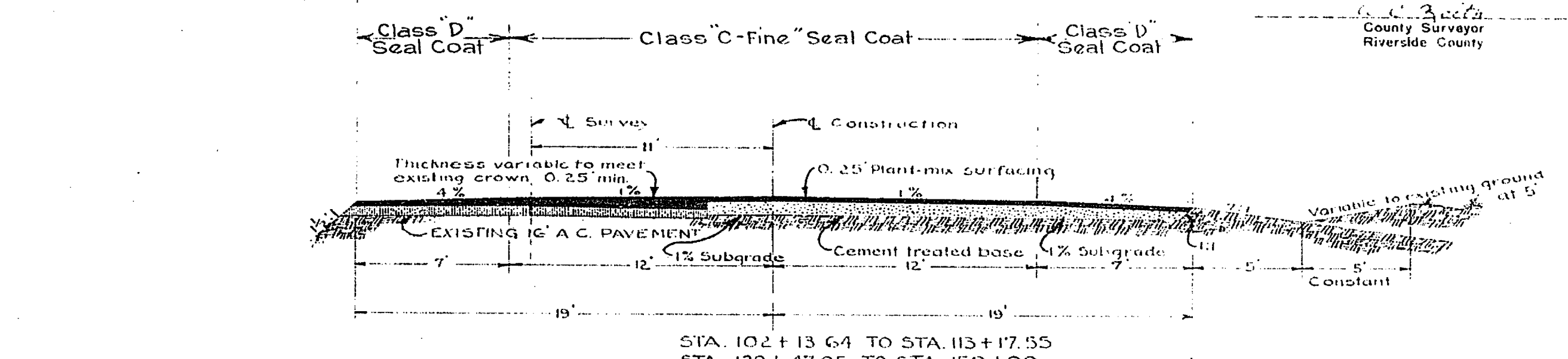
Approved: *[Signature]*
 State Highway Engineer
 Civil Engineer License No. 2084

DESIGN E.W.L. 375,000 - 10 year period



LIMITS OF CEMENT TREATED BASE	
Station to Station	Minimum thickness (C.T.B.) for 12' traffic lanes
11+00 to 25+00	6"
25+00 to 96+50	9"
96+50 to 202+84.44	6"

HOLE & HOLDEN AVE.
 FAS 719.11, CONTRACT No.
 PROPOSED SECTION
 STA. 85+75.90 TO STA. 96+51.5'
 SCALE: 1" = 5'



TYPICAL ROADWAY SECTIONS
 HOLE & HOLDEN AVENUES
 Scale: 1" = 5' 52-8DCI

Note:
 Super elevations as directed by the engineer. See Cross Sections.
 Recommended February 2, 1951
[Signature]
 Asst. State Highway Engineer
[Signature]
 Asst. State Highway Engineer
 R-1083

S-701(1)

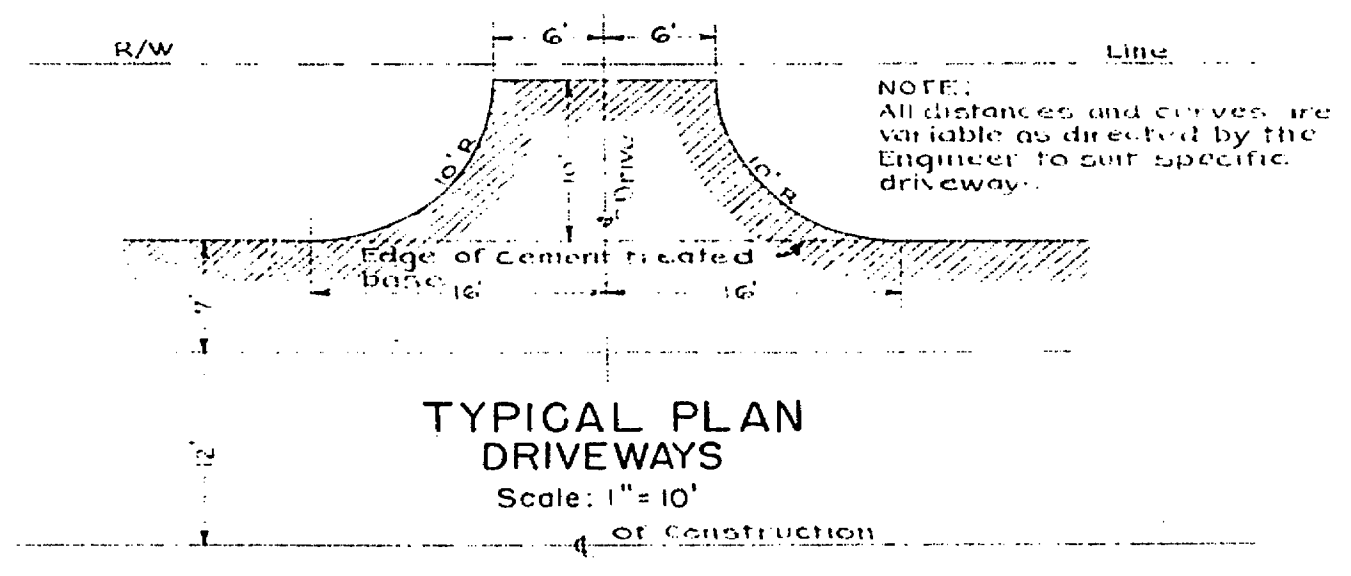
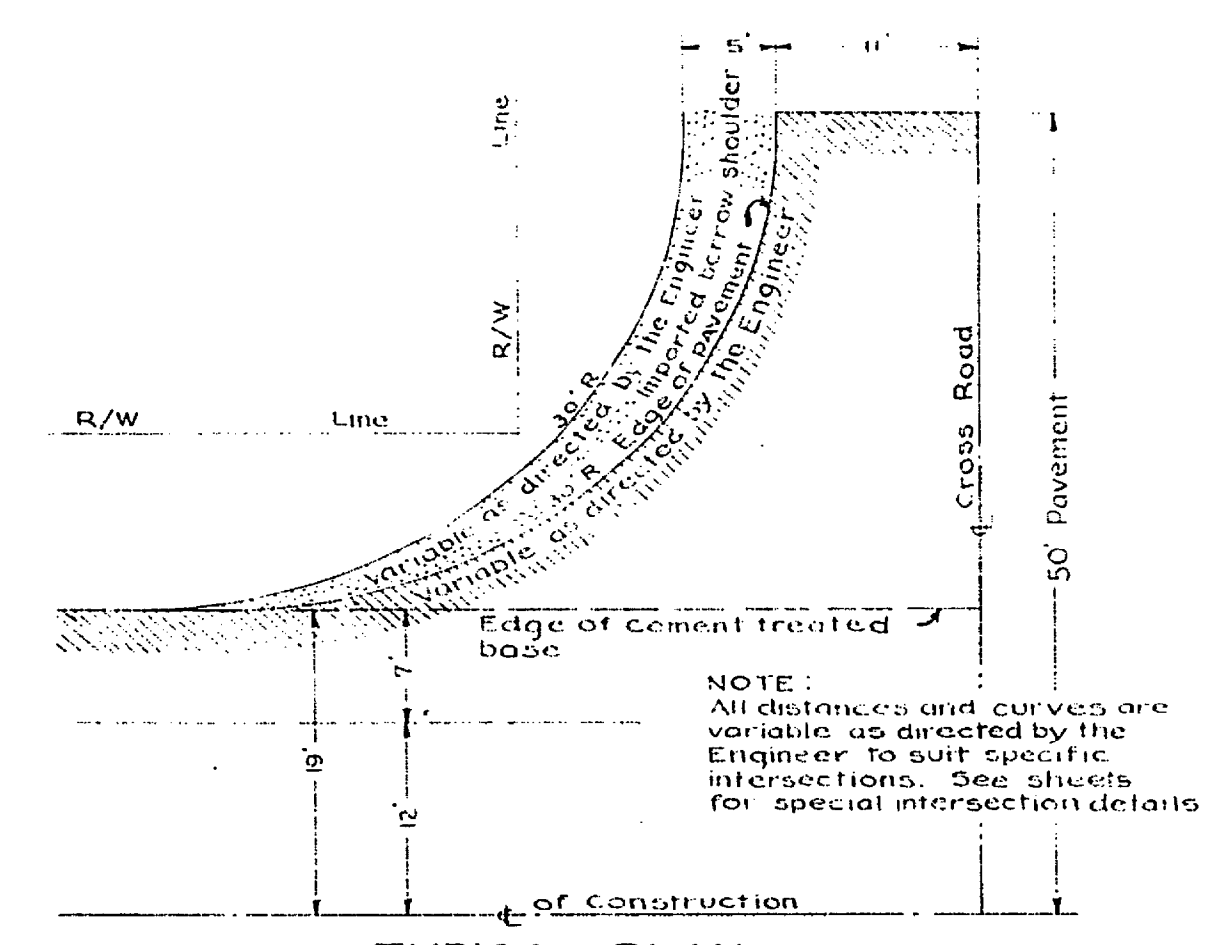
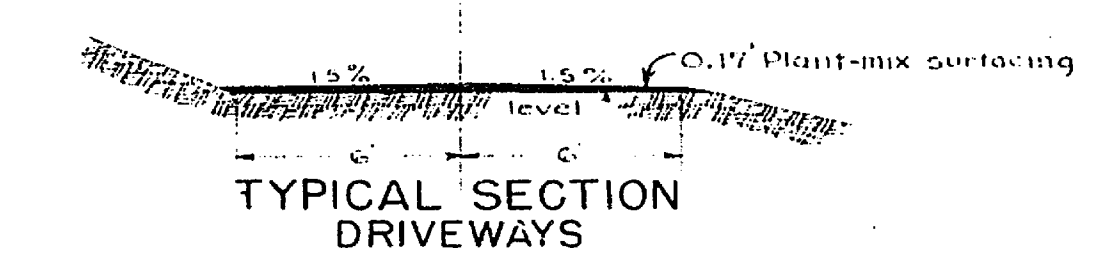
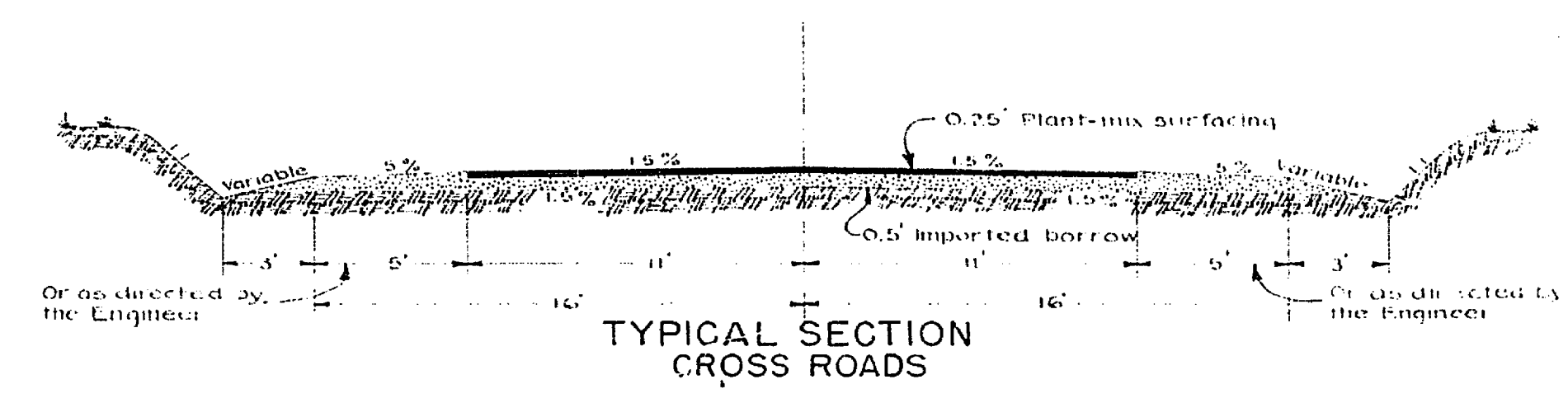
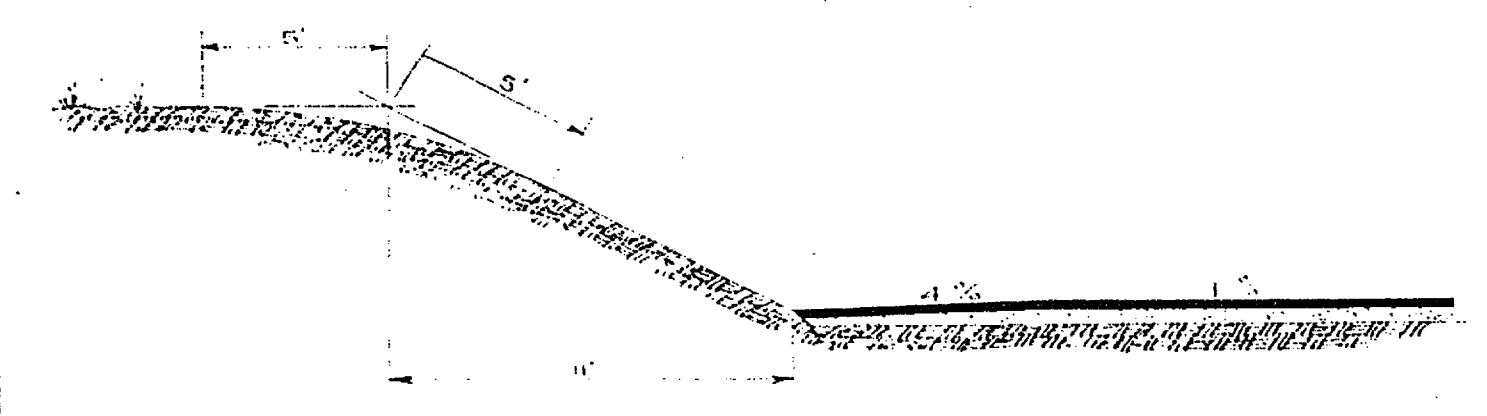
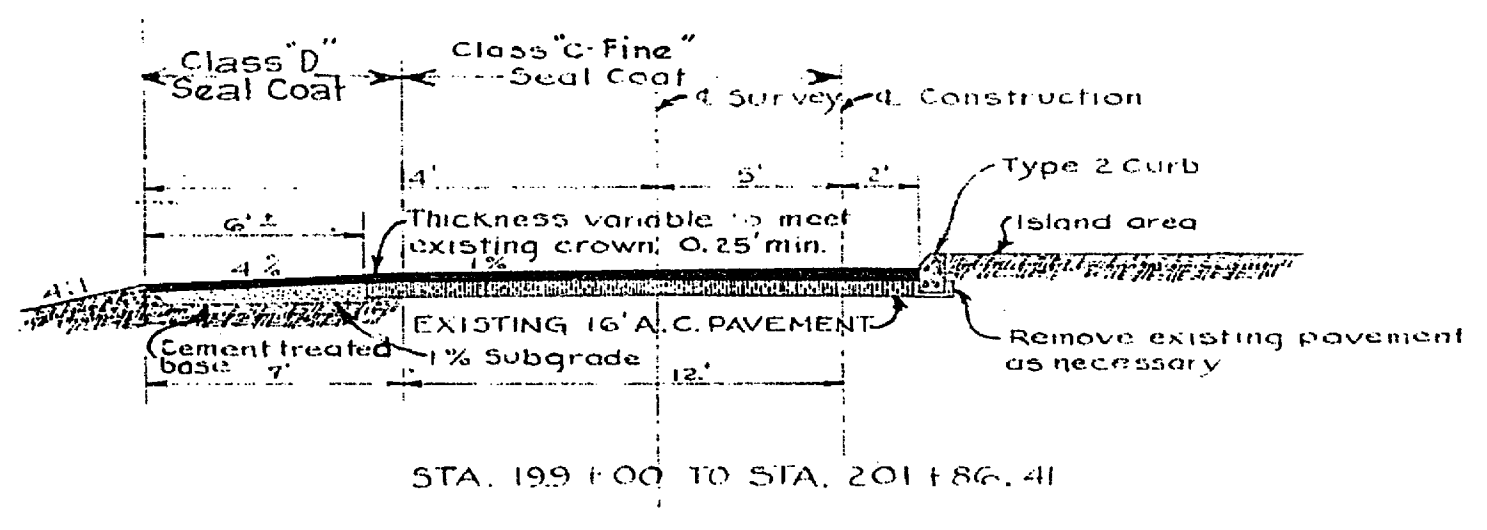
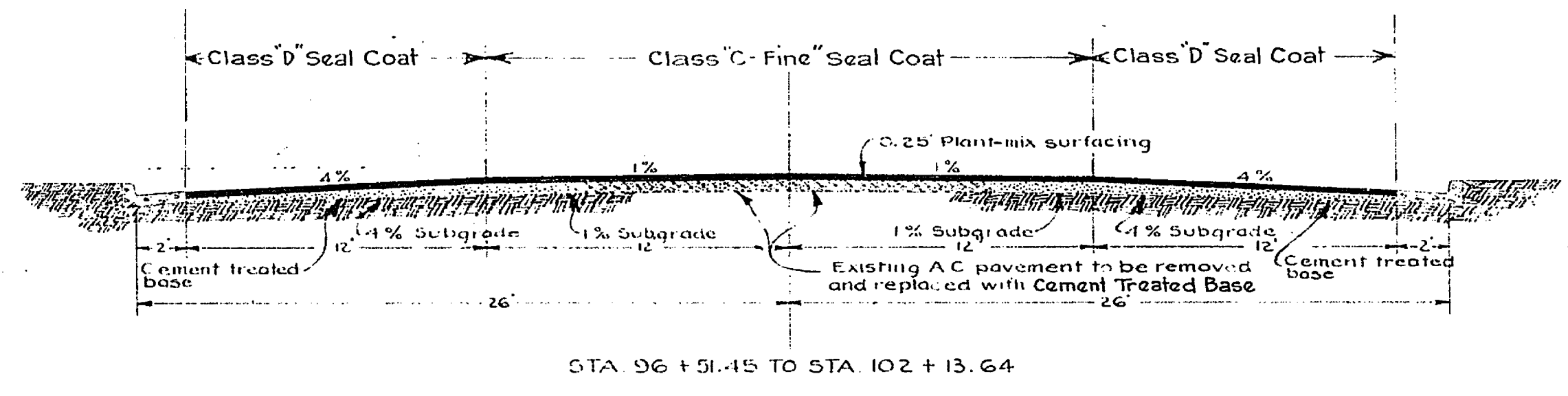
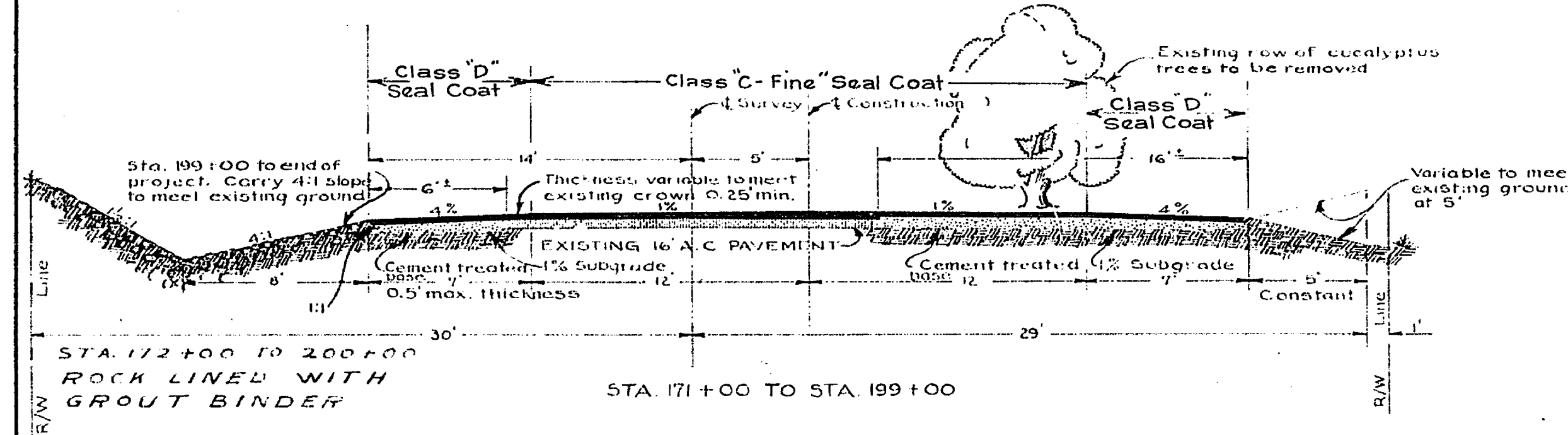
Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
2	CAL.	S-701(1)	1950	3	12

DIST.	COUNTY	ROUTE	SEC.	Sheet No.	Total Sheets
VIII	Riverside	FAS 701	3	3	12

Approved: *[Signature]*
 Dist. Eng. Dist. VIII
 State Highway Engineer
 Civil Engineer License No. 2084

[Signature]
 County Surveyor
 Riverside County

DESIGN E. W. L. 375,000 - 10 year period



TYPICAL ROADWAY SECTIONS
 HOLE & HOLDEN AVENUES

Scale: 1" = 5' Except as noted

52-8DCI

Recommended February 2, 1951

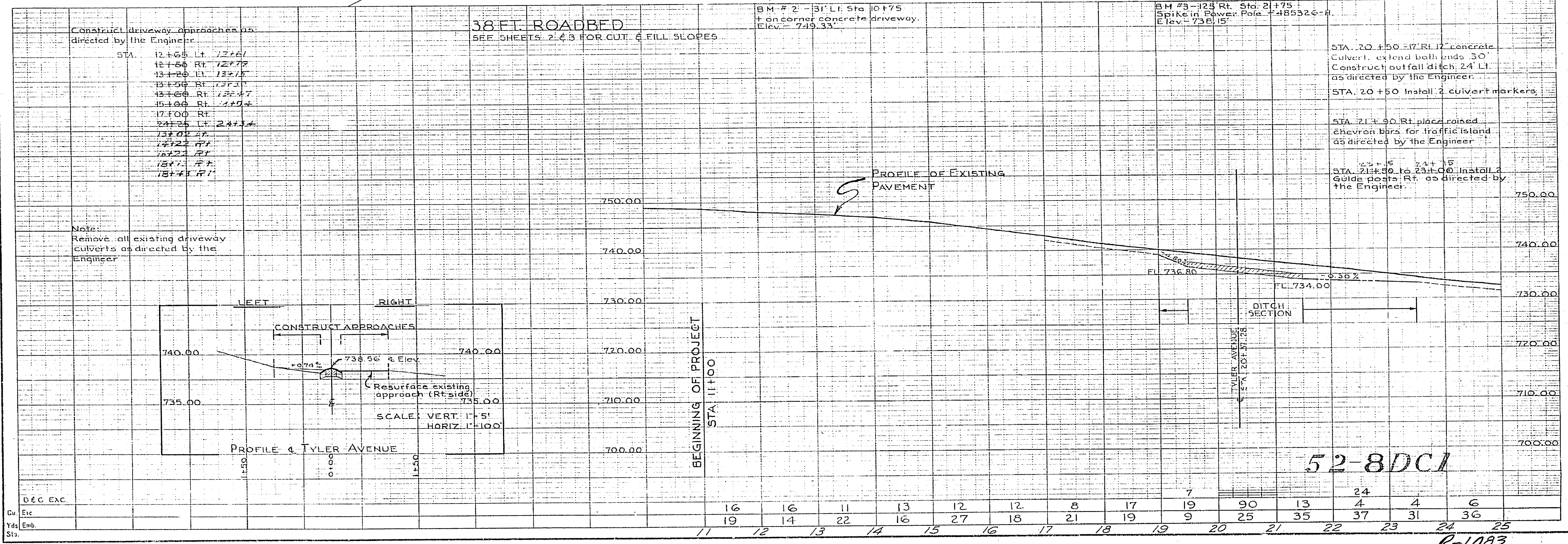
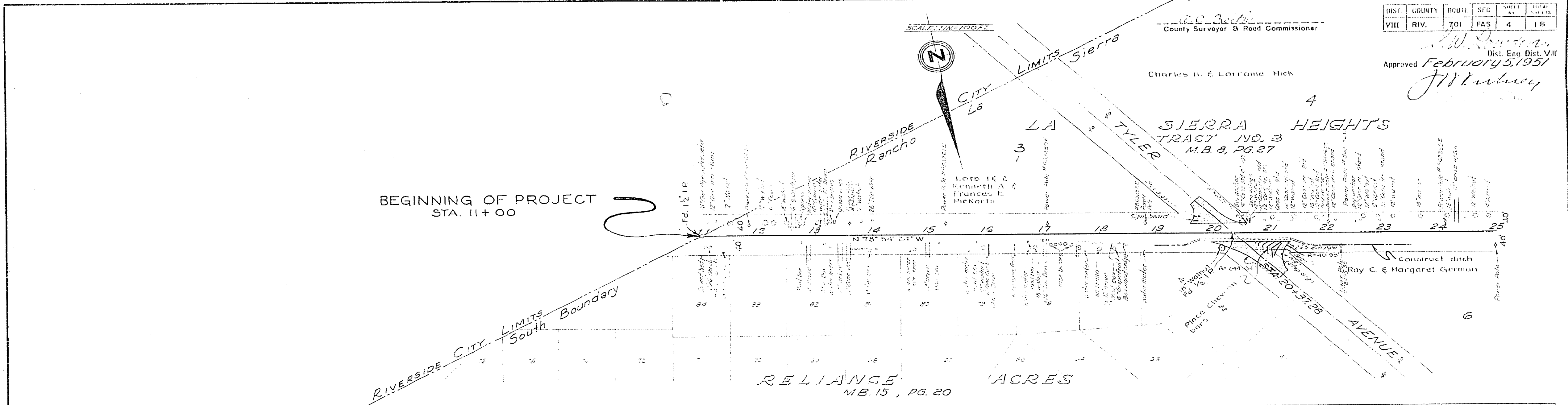
[Signature]
 Asst. State Highway Engineer

[Signature]
 Asst. State Highway Engineer

R-1083

PAGE	2	STATE	CAL	SECTION	5-70(1) 1950	DATE	4	SCALE	1/8"
DIST.	VIII	COUNTY	RIV.	ROUTE	701	SEC.	4	SHEET	4

Approved February 5, 1951
 J.W. Mulvey
 Dist. Eng. Dist. VIII



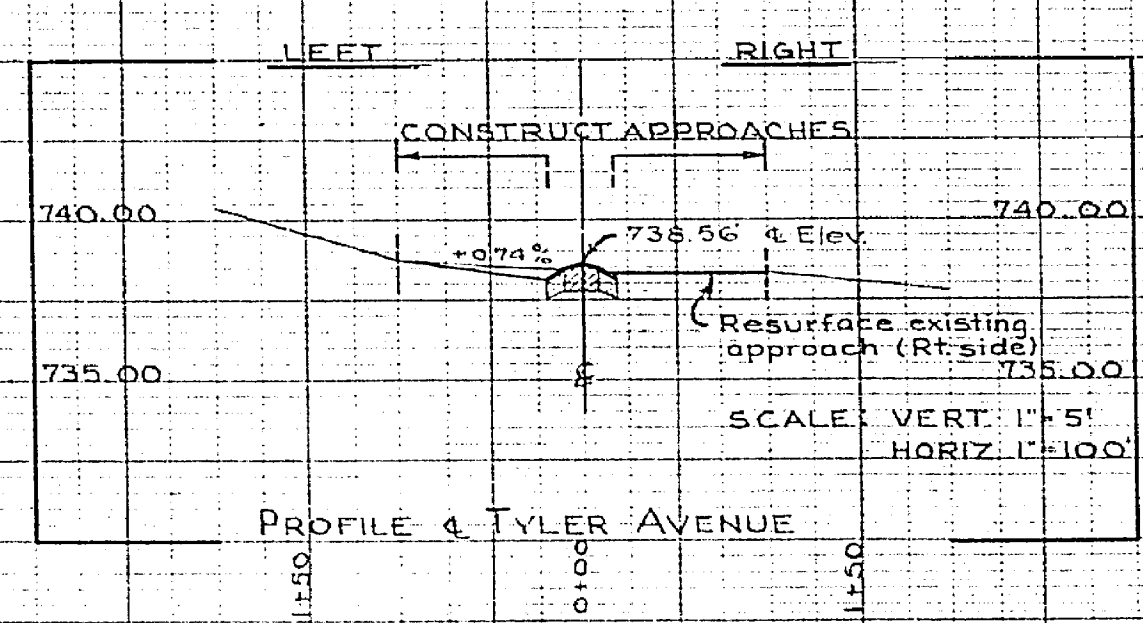
Construct driveway approaches as directed by the Engineer:
 STA. 12+55 Lt. 12x6'
 12+56 Rt. 12x7'
 13+20 Lt. 12x7'
 13+50 Rt. 12x7'
 13+60 Rt. 12x7'
 15+00 Rt. 12x7'
 17+00 Rt.
 24+25 Lt. 24x7'
 25+00 Rt.
 25+22 Rt.
 25+22 Rt.
 25+43 Rt.

38 FT. ROADBED
 SEE SHEETS 2 & 3 FOR CUT & FILL SLOPES

BM # 2 - 31' Lt. Sta. 10+75
 on corner concrete driveway.
 Elev. = 749.33'

BM # 3 - 125' Rt. Sta. 21+75
 Spike in Power Pole # 485326-4
 Elev. = 736.15'

Note:
 Remove all existing driveway
 culverts as directed by the
 Engineer

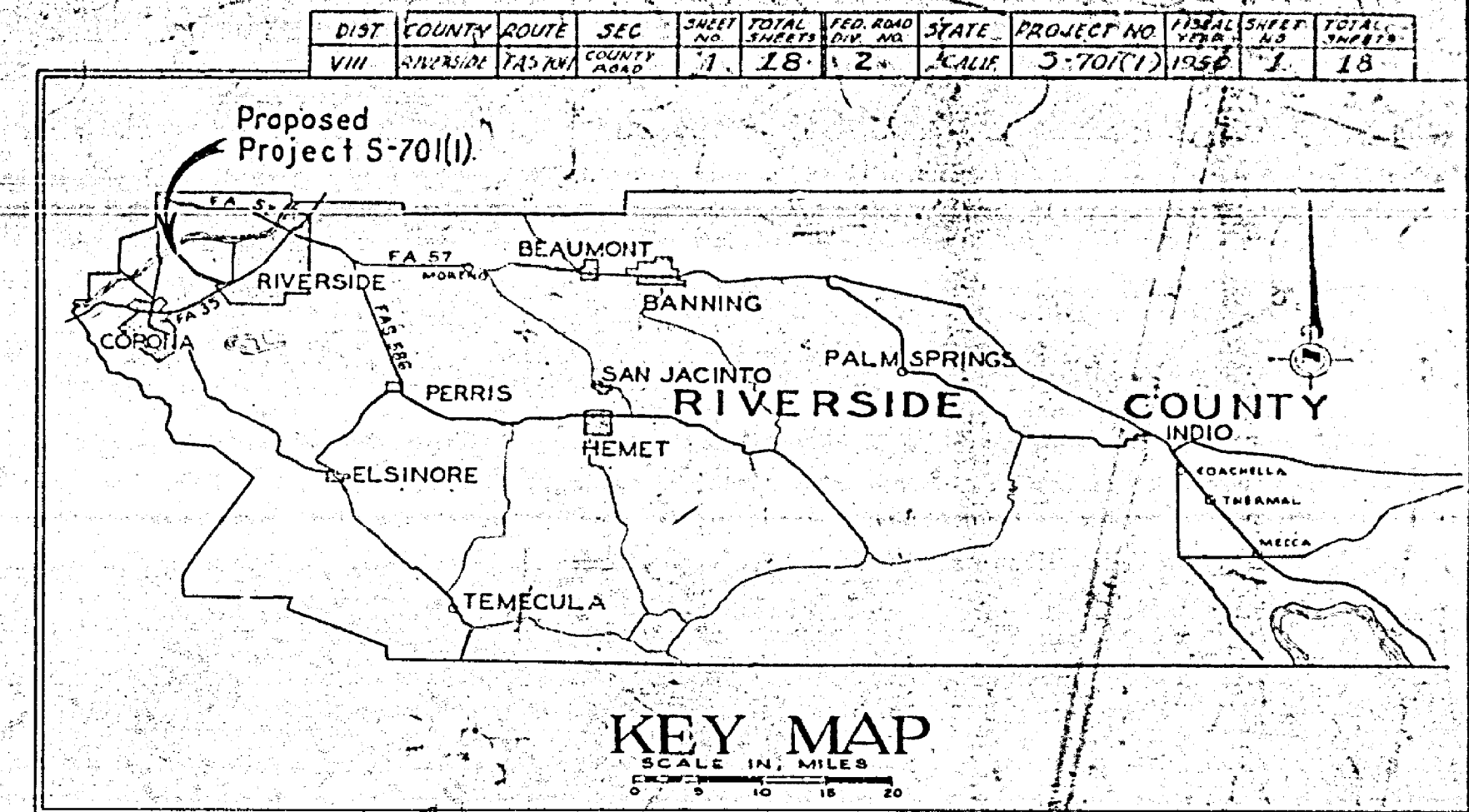


52-8DC1

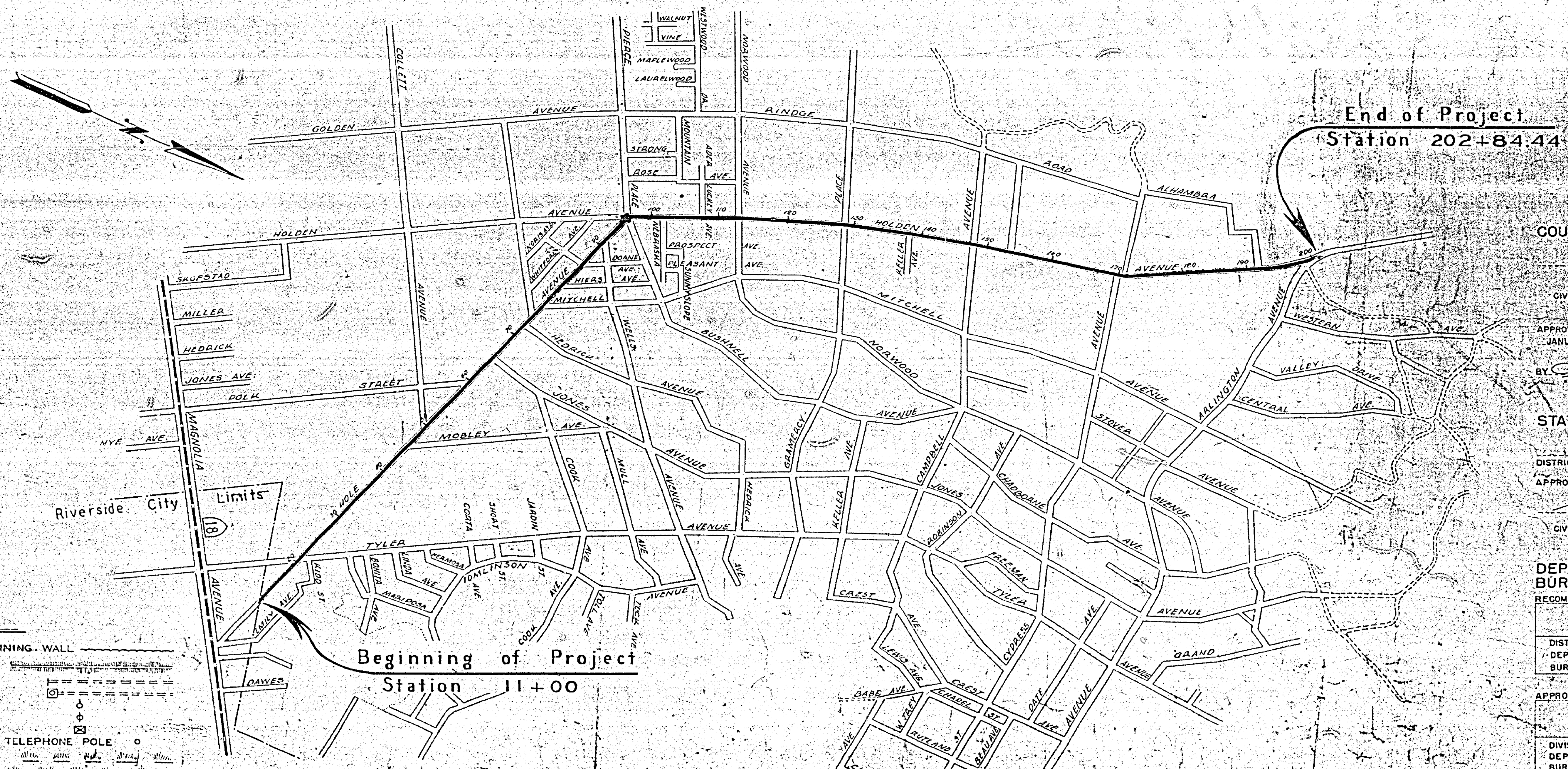
STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
 COUNTY OF RIVERSIDE
 PLAN AND PROFILE
**FEDERAL AID SECONDARY PROJECT
 NO. S-701(I)**
HOLE AND HOLDEN AVENUES

INDEX OF SHEETS

SHEET No. 1	TITLE SHEET
SHEET No. 2-3	TYPICAL SECTIONS
SHEET No. 4-12	PLAN PROFILES
SHEET No. 13-14	INTERSECTION DETAILS
SHEET No. 15-16	MISCELLANEOUS DETAILS
SHEET No. 17	CULVERT SHEET
SHEET No. 18	STANDARD STRUCTURES
SHEET No. 1-49	CROSS SECTIONS
SHEET No. 1-2	MASS DIAGRAM



SCALE IN FEET
 0 1000 2000 3000
 LENGTH OF PROJECT
 19,192+88 - LINEAR FT.
 3.635 MILES



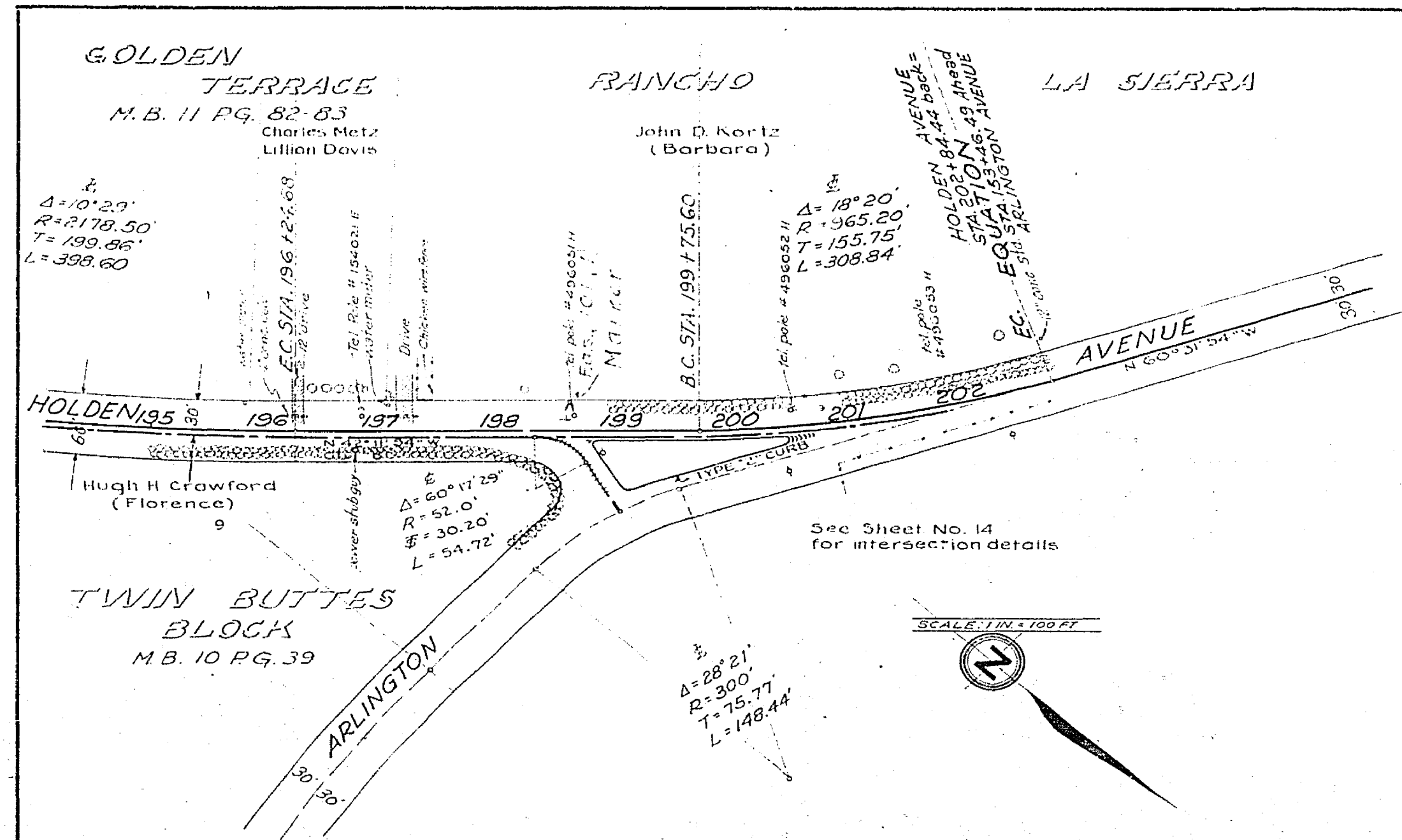
CONVENTIONAL SIGNS

COUNTY LINE	BANK OR RETAINING WALL
CITY OR TOWN LIMITS	LEVÉE
TOWNSHIP LINE	CULVERTS
SECTION LINE	DROP INLET
GRANT LINE	TROLLEY POLE
FENCE	POWER POLE
GUARD RAIL	POWER TOWER
UNFENCED PROPERTY	TELEGRAPH OR TELEPHONE POLE
RIGHT OF WAY LINE	MARSH
BASE OR SURVEY LINE	
TRAVELED WAY	
RAILWAY TRACKS	

COUNTY OF RIVERSIDE
W. C. ...
 COUNTY SURVEYOR
 ROAD COMMISSIONER
 CIVIL ENGINEER LICENSE NUMBER 4388
 APPROVED BY THE BOARD OF SUPERVISORS
 JANUARY 15, 1951
 BY *James ...*
 CHAIRMAN
 STATE OF CALIFORNIA
W. D. ...
 DISTRICT ENGINEER, DISTRICT III
 APPROVED February 3, 1951
 STATE HIGHWAY ENGINEER
 CIVIL ENGINEER LICENSE NUMBER 2064
 DEPT. OF COMMERCE
 BUREAU OF PUBLIC ROADS
 RECOMMENDED FOR APPROVAL
 DISTRICT ENGINEER
 DEPT. OF COMMERCE
 BUREAU OF PUBLIC ROADS
 APPROVED
 DIVISION ENGINEER
 DEPT. OF COMMERCE
 BUREAU OF PUBLIC ROADS

52-8DC1

R-1083

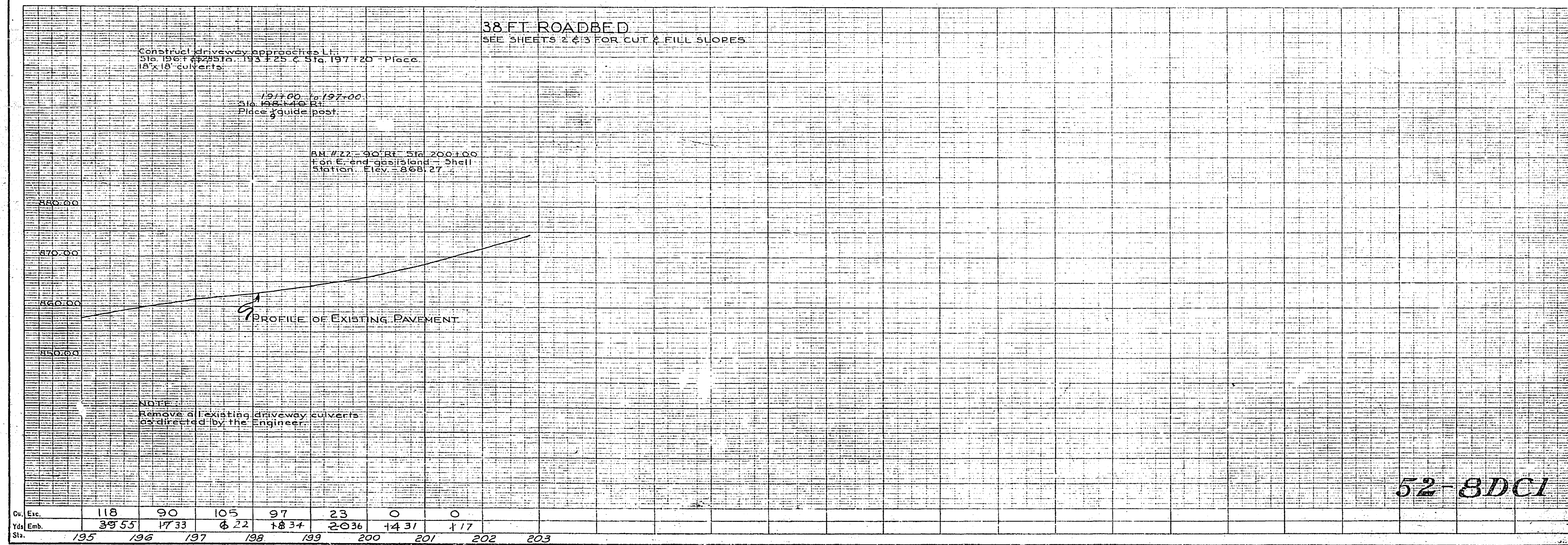


5-701(1)

C. C. Beatty
County Surveyor & Road Commissioner

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
VIII	RIV.	701	FAS	12	18

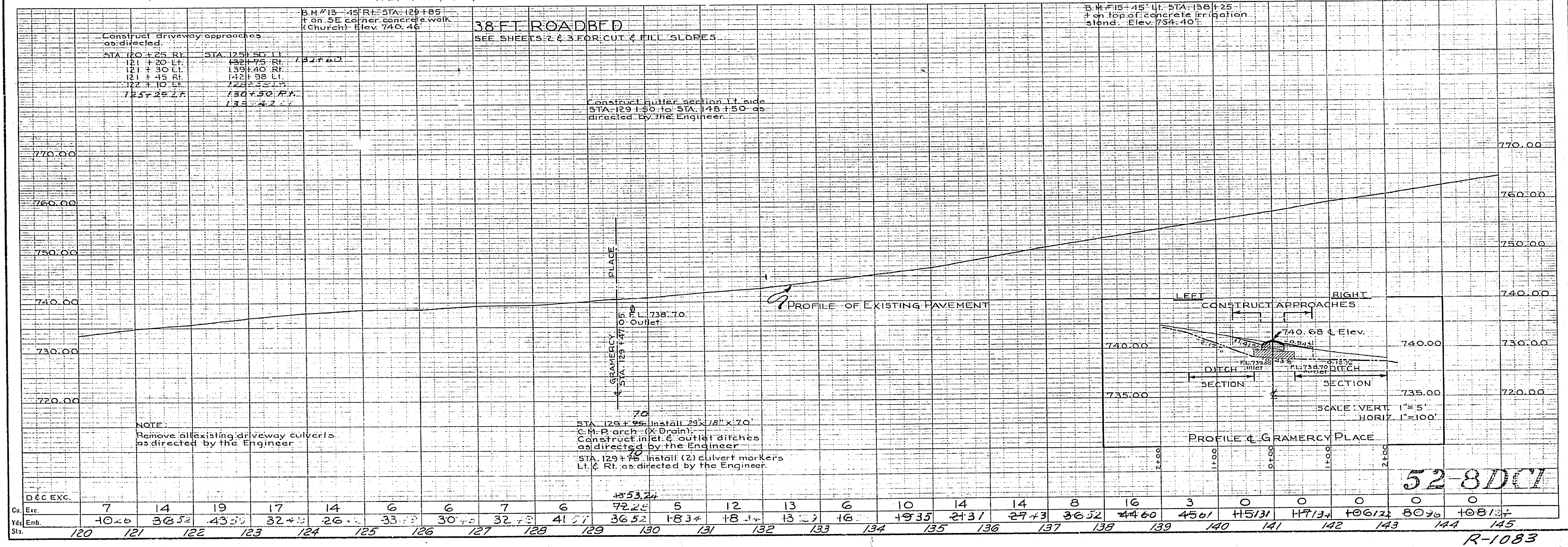
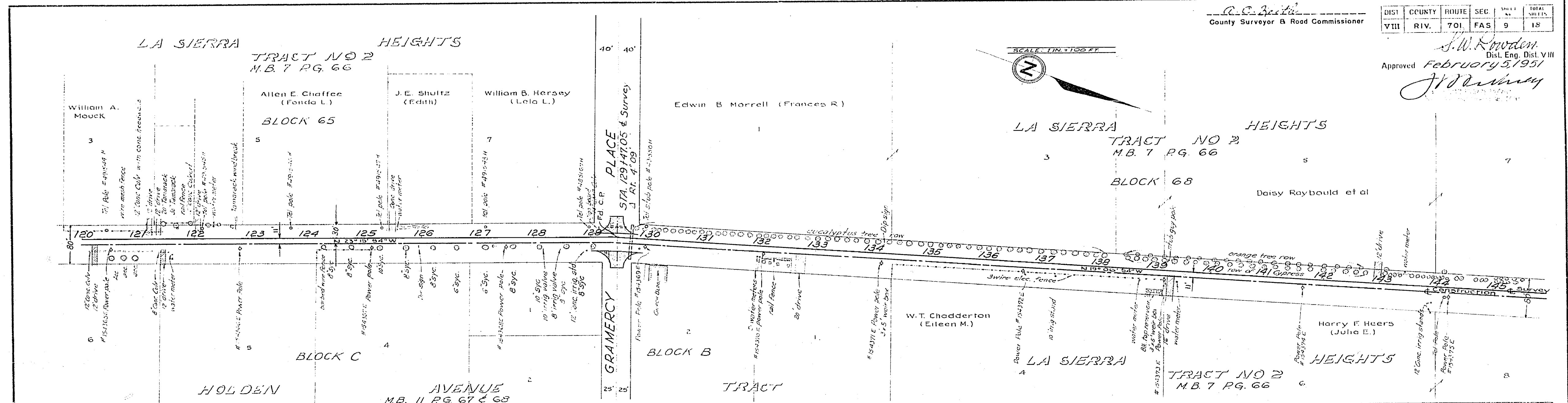
Approved *S. W. Rowden*
Dist. Eng. Dist. VIII
J. J. Murray



Cu. Exc.	118	90	105	97	23	0	0											
Yds. Emb.	39 55	17 33	6 22	18 34	20 36	14 31	1 17											
Sta.	195	196	197	198	199	200	201	202	203									

52-8DC1

R-1083



52-8DCI

5-70111

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	CAL.	5-70111	1950	11	48/49

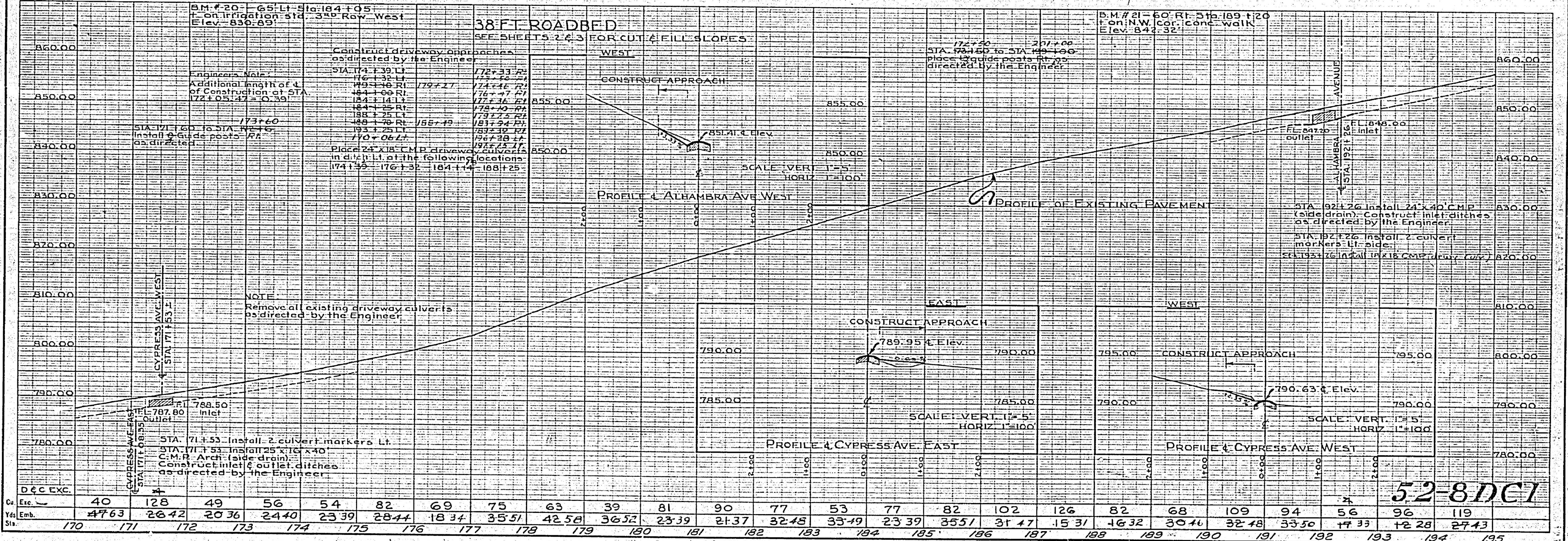
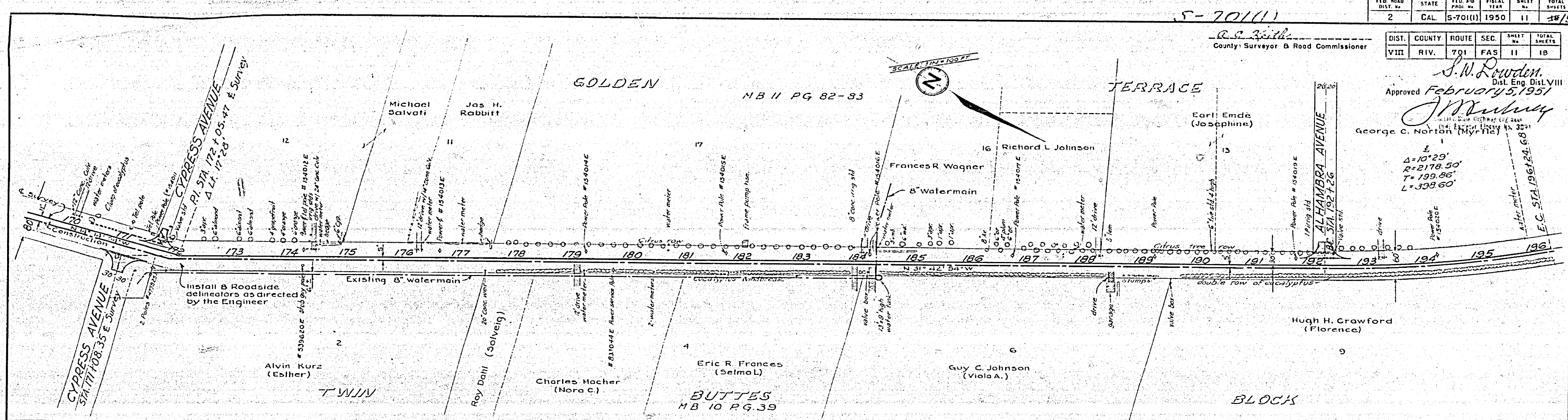
R. S. Smith
County Surveyor & Road Commissioner

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
VIII	RIV.	701	FAS	11	18

S. N. Duvon
Dist. Eng. Dist. VIII

Approved February 5, 1951
George C. Norton (Myrtle)

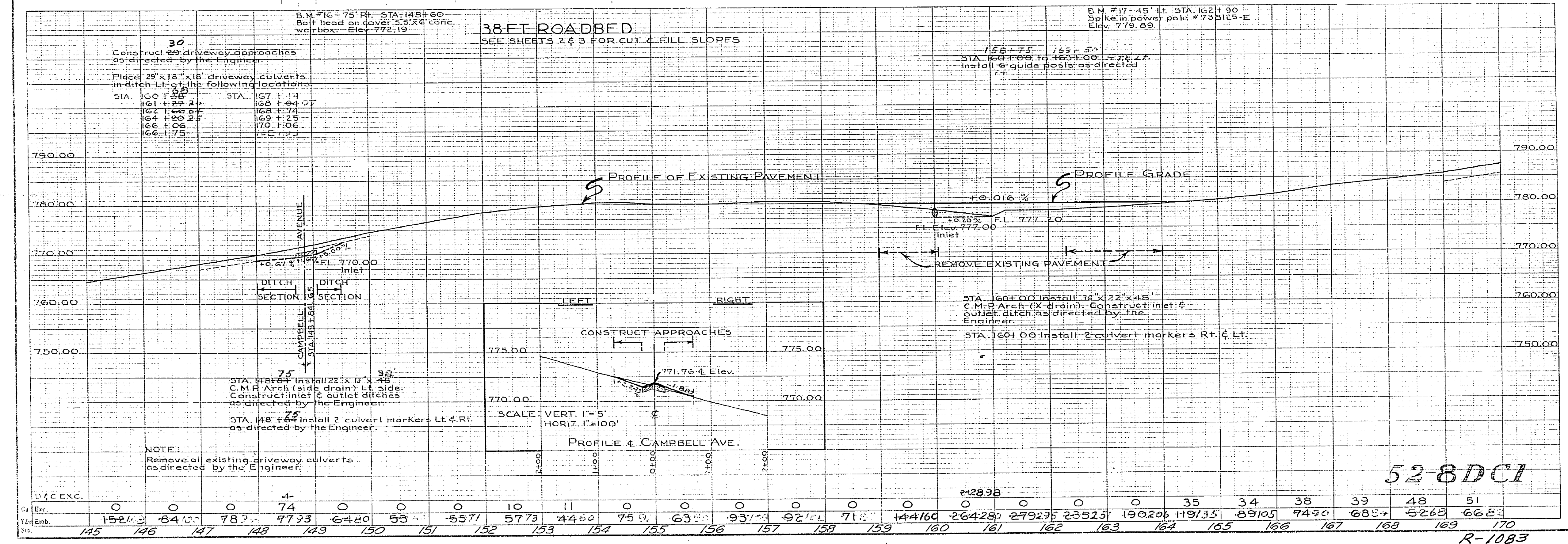
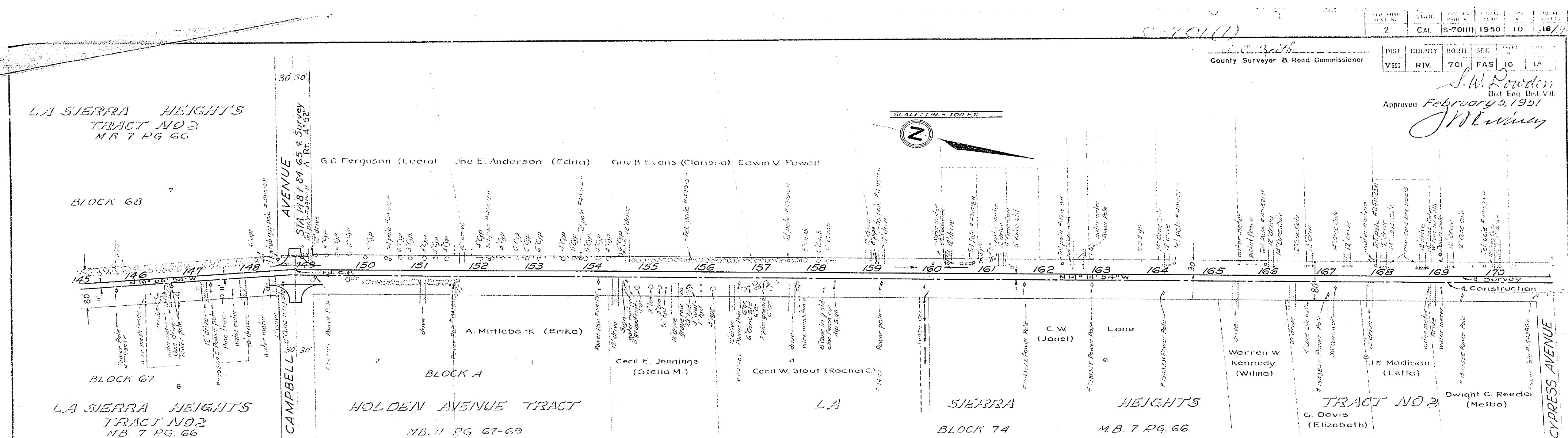
Δ=10°29'
R=2178.50'
T=199.86'
L=398.60'



Exc.	40	128	49	56	54	82	69	75	63	39	81	90	77	53	77	82	102	126	82	68	109	94	56	96	119	
Emb.	4763	2642	2036	2440	2339	2844	1834	3551	4258	3652	2339	2137	3248	3349	2339	3551	3147	1531	4632	3046	3248	3350	1733	1228	2743	
Sta.	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195

52-8DC1

R-1083



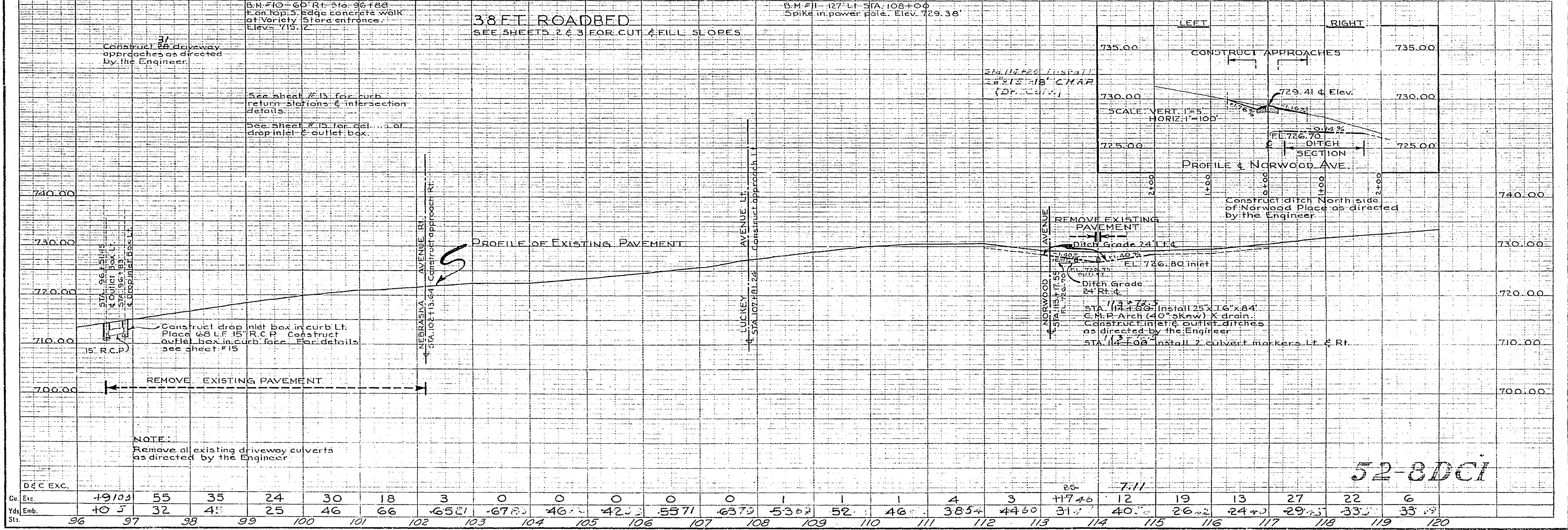
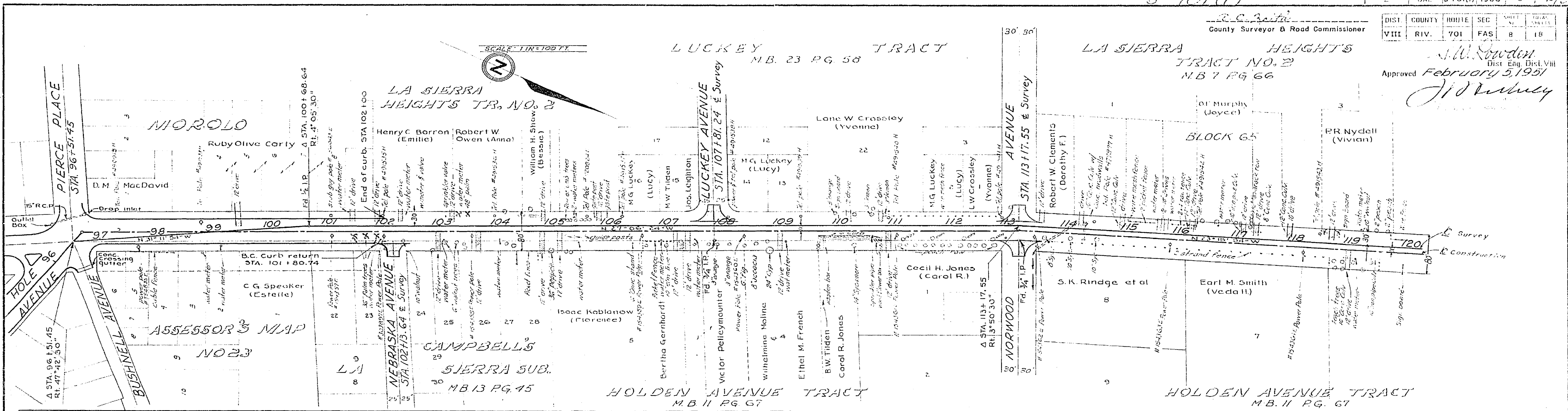
Sta.	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170
Exc.	0	0	0	4	0	0	0	10	11	0	0	0	0	0	0	0	0	0	0	0	35	34	38	39	48	51
Emb.	152.11	84.00	78.00	97.33	67.20	55.00	55.71	57.73	44.60	75.00	63.00	93.10	92.10	71.00	44.160	264.28	279.23	235.25	190.20	119.35	89.05	74.90	68.50	52.68	66.80	

528DCI
R-1083

S-70111

County Surveyor & Road Commissioner

J.W. Swaden
Dist. Eng. Dist. VIII
Approved February 5, 1951
J.D. Murphy

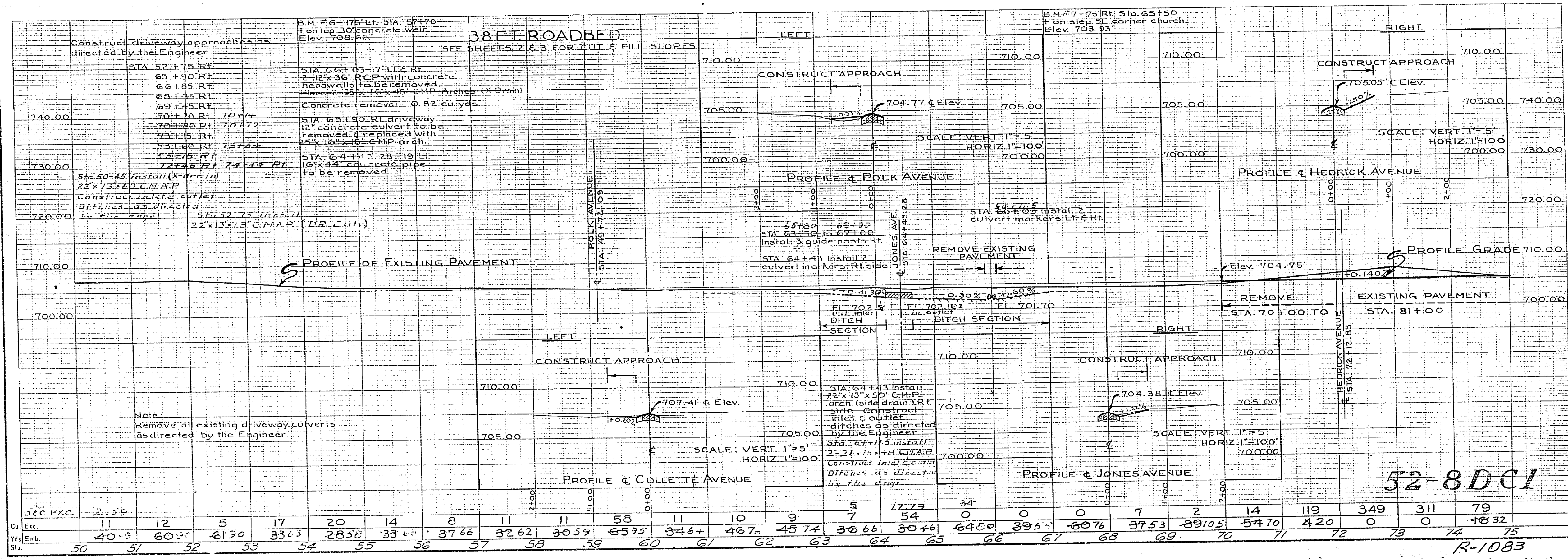
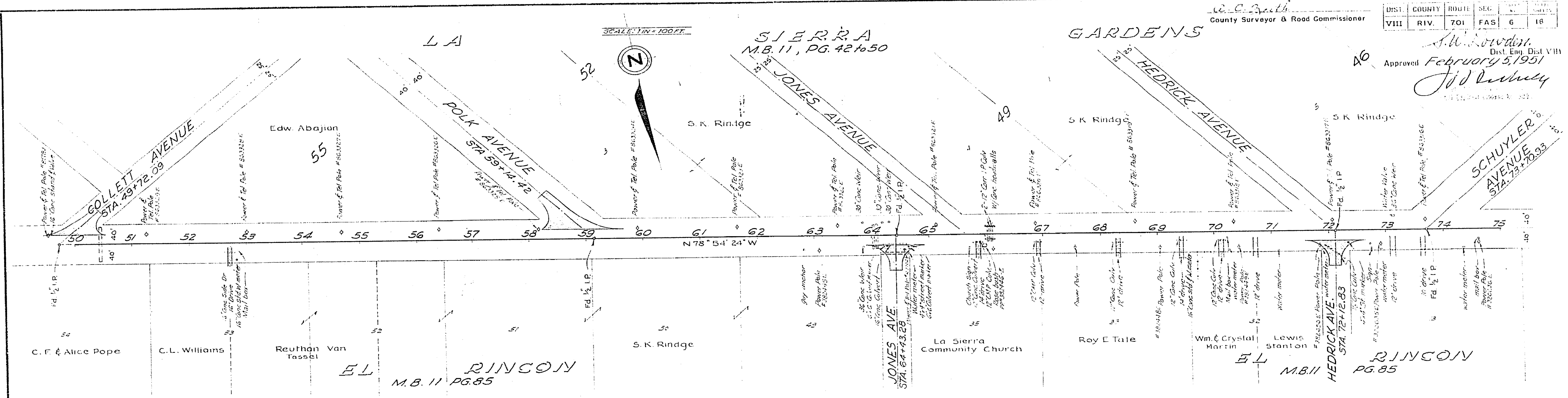


Sta.	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
Exc.	19	10	5	32	4	25	46	66	85	101	117	133	149	165	181	197	213	229	245	261	277	293	309	325	341
Emb.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

52-8DCI

W. C. Smith
 County Surveyor & Road Commissioner

Approved February 5, 1951
 J. J. DeWolfe
 Dist. Eng. Dist. VIII



Exc.	11	12	5	17	20	14	8	11	11	58	11	10	9	5	17.13	34	0	0	0	7	14	119	349	311	79	
Emb.	40.3	60.2	61.30	33.63	28.38	33.83	37.66	32.62	30.53	65.25	34.67	46.70	45.74	36.66	30.46	64.00	39.5	60.7	37.53	89.05	54.70	4.20	0	0	18.32	
Sta.	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75

52-8DC1

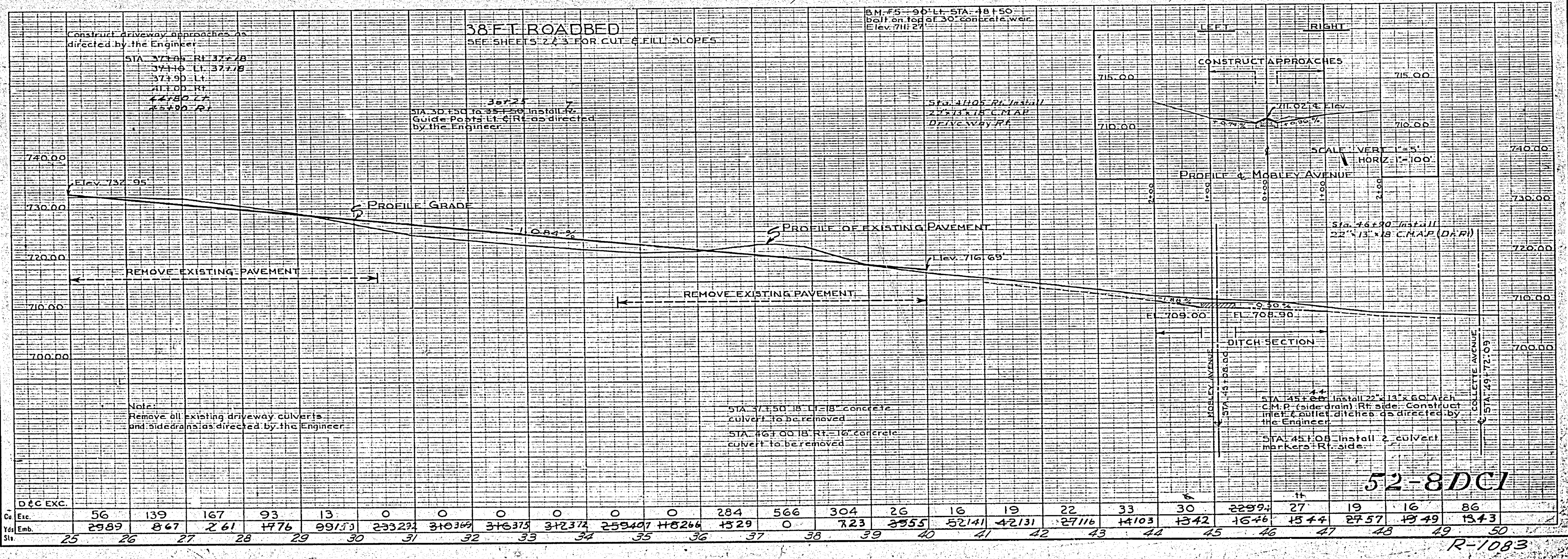
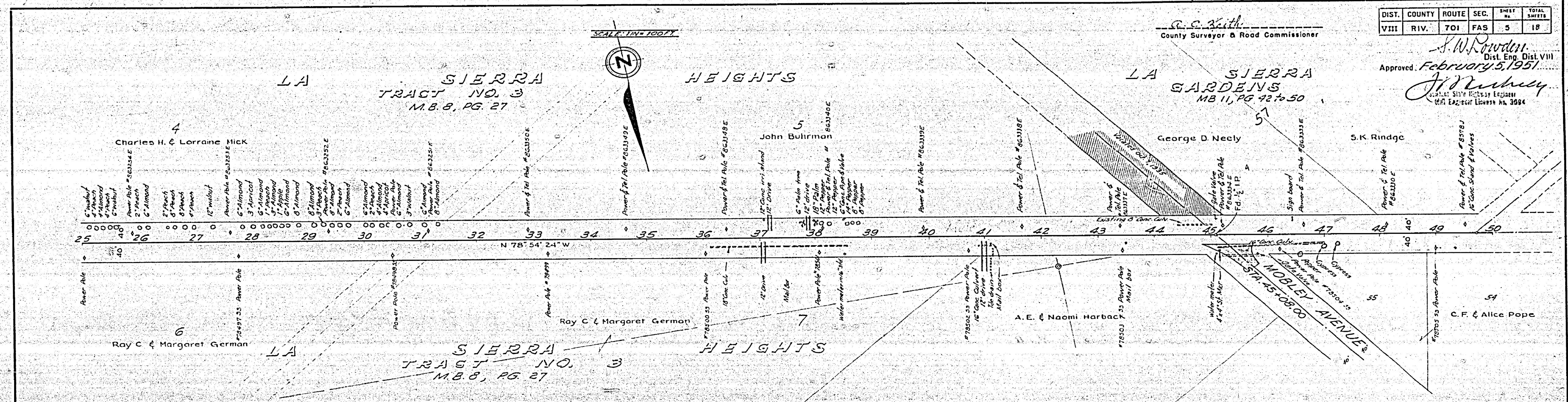
S-701(1)

FIG. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	CAL.	5-701(1)	1950	5	19

DIST. COUNTY ROUTE SEC. SHEET NO. TOTAL SHEETS
VIII RIV. 701 FAS 5 19

S. W. Rowden
Dist. Eng. Dist VIII
Approved February 5, 1951

J. H. Rowley
CALIF. STATE REGISTERED ENGINEER
214 Lafayette Avenue No. 3994



52-8DC1

R-1083