

1/2 SHEET

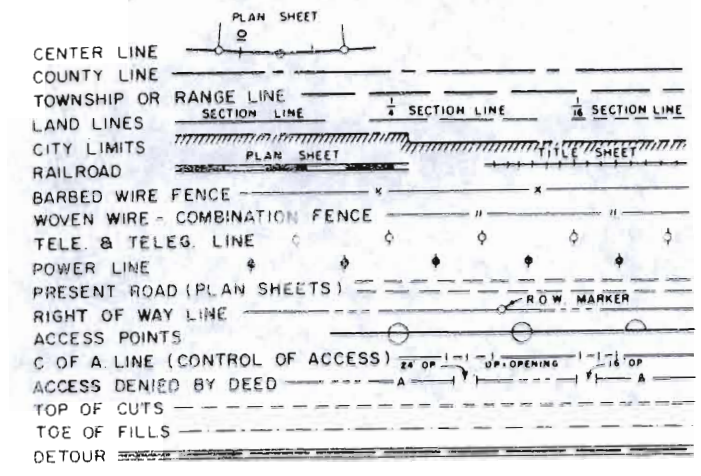
DEPARTMENT OF HIGHWAYS STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. U 017-1(5) STATE HIGHWAY NO. ~~4~~ 24 EL PASO COUNTY

R.O.W. PURCHASED UNDER PROJECT
NO. F017-1(2)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLORADO	U 017-1(5)	1

CONVENTIONAL SIGNS



SEE SHEET NO. 3 FOR INDEX OF SHEETS

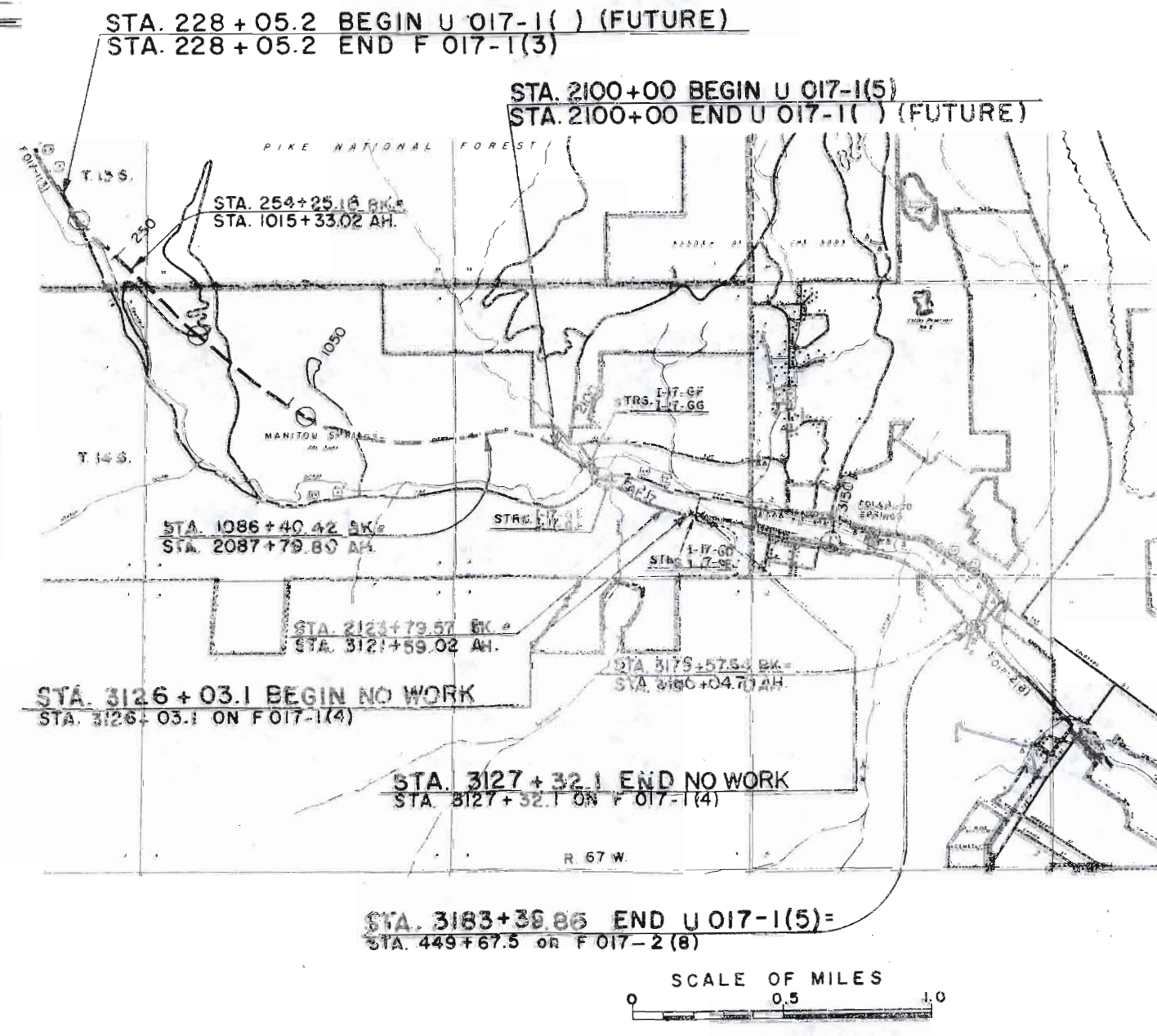
CONTRACTOR - L.K. SUHM
PROJECT ENGR. - M. FIGURELLI
RESIDENT ENGR. - C.A. MORAIN
DATE STARTED - OCT. 30, 1967
DATE COMPLETED - APRIL 15, 1969

AS CONSTRUCTED
REVISED DATE
4-15-69

SCALES OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 20 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY		BRIDGES		NO WORK	
	LIN. FT.	LIN. FT.	LOADING	SECTION	LIN. FT.	SECTION
2100+00 BEGIN U 017-1(5)= END U 017-1() (FUTURE CONST.)	596.00					
2105+56.0 (E.B. & W.B.) STR. NO. I-17-GG (E.B.) STR. NO. I-17-GF (W.B.) 2108+01.0 (E.B. & W.B.)	352.05		205.00 HS-20-44			
2111+53.05 AVE. {2111+52.1 (E.B.) 2111+54.0 (W.B.) STR. NO. I-17-GJ (E.B.) STR. NO. I-17-GI (W.B.) 2113+34.05 AVE. {2113+33.1 (E.B.) 2113+35.0 (W.B.)	1045.51		181.00 HS-20-44			
2123+78.56 BK. EQUATION 2121+59.02 AH.	444.08					
3126+03.1 AVE. {3126+02.8 (E.B.) 3126+03.4 (W.B.) BEGIN F017-1(4) STR. NO. I-17-GD (E.B.) STR. NO. I-17-GE (W.B.) 3127+32.1 AVE. {3127+31.8 (E.B.) 3127+32.4 (W.B.) END F017-1(4)	3225.44			129.00		
3179+57.54 BK. EQUATION 3180+04.70 AH.	335.16					
3183+39.86 END U 017-1(5)= STA. 449+67.5 ON F017-2(8)						
TOTALS	7,998.24	386.00			129.00	
SUMMARY						
ROADWAY			LIN. FT.	MILES		
BRIDGES			7,998.24	1.515		
			386.00	0.073		
TOTAL NET LENGTH			8,384.24	1.588		
NO WORK SECTION			129.00	0.024		
TOTAL GROSS LENGTH			8,513.24	1.612		
DESIGN DATA						
MAXIMUM DEGREE OF CURVE			4°00'			
MAXIMUM GRADE			6.7563 %			
MINIMUM S.S.D. HORIZONTAL			> 600'			
MINIMUM S.S.D. VERTICAL			440'			
MAXIMUM DESIGN SPEED			50 M.P.H.			



DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

AS CONSTRUCTED
PLANS APPROVED:

DISTRICT CONSTR. ENGR. DATE

SEE SPECIAL PROVISIONS FOR
NOTICE TO BIDDERS

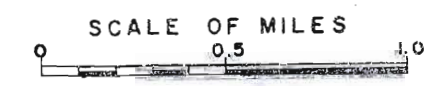
DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

APPROVED: *[Signature]* 4-15-69
CHIEF ENGINEER D.T.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____

DIVISION ENGINEER

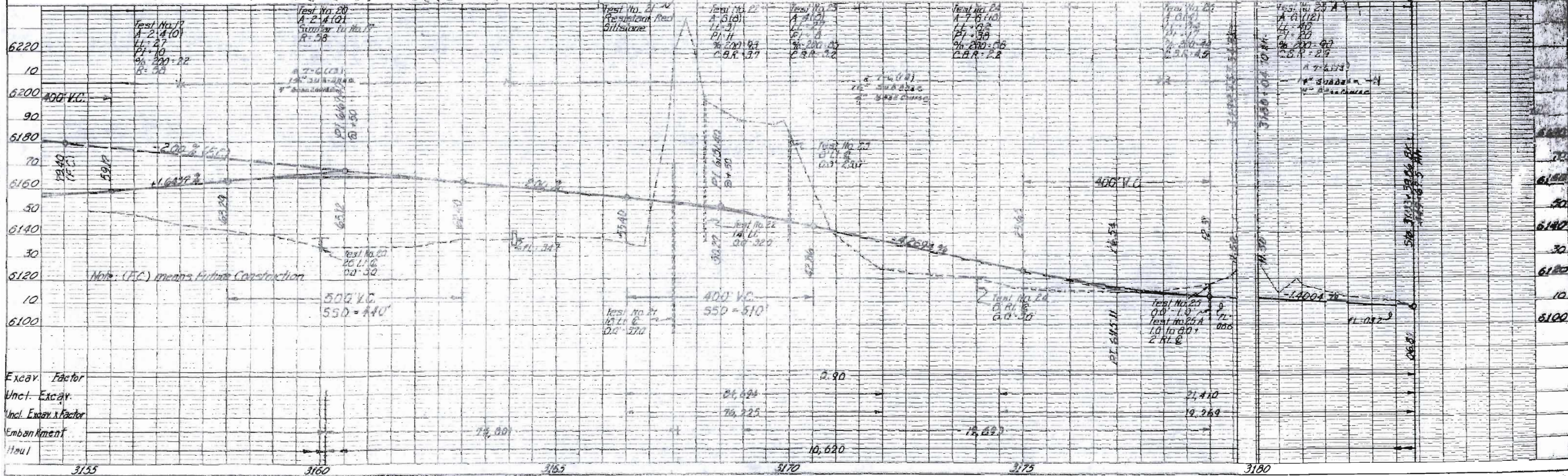


Survey
 Δc 4°12'30" LT
 Δc 1'00"
 Tc 210.51'
 Lc 420.83'
 Rc 5729.58'
 Ec 3.9

AS CONSTRUCTED
 REVISED DATE 4-15-02

U 017-1(5)

93

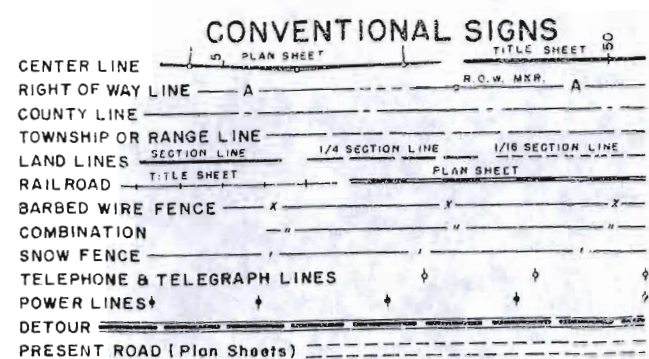


REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 017-2(8)	1	1

REV. INDEX OF SHEETS, 7-15-63, G.S.

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 017-2(8) STATE HIGHWAY NO. 4:24 EL PASO COUNTY



SCALES OF ORIGINAL DRAWINGS

ON PLAN 1" = 100 FT.
ON PROFILE 1" = 10' HORIZONTAL
1" = 10' VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT 12,856.5 LIN. FT. = 2.435 MILES
NET LENGTH OF PROJECT

TABULATION OF LENGTH & DESIGN DATA

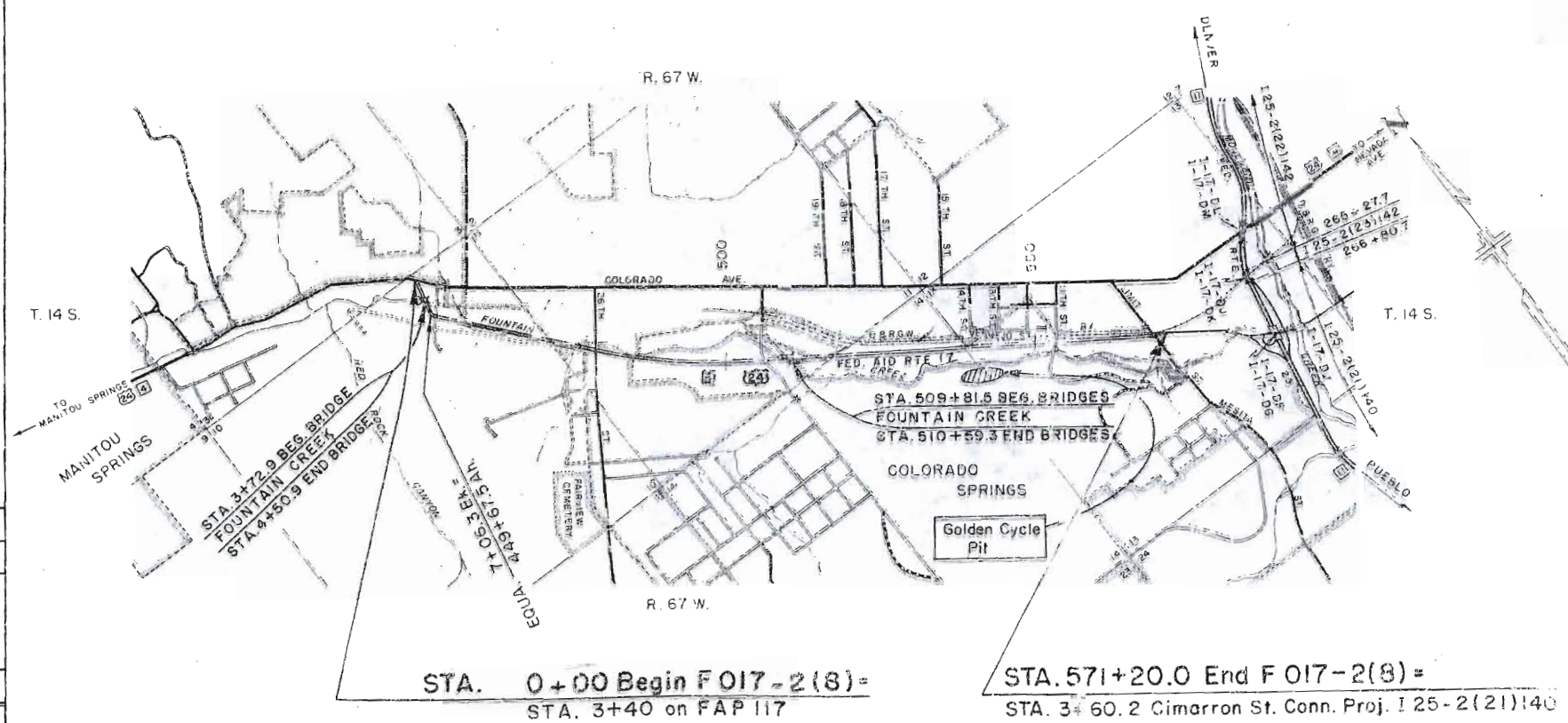
STATION	DESCRIPTION	ROADWAY LIN. FT.	BRIDGE LIN. FT.
0+00	BEG. F 017-2(8) = STA. 3+40 on FAP 117	372.9	
3+72.9	BEG. BRIDGE FOUNTAIN CREEK STR. NO. I-17-FM		78.0
4+50.9	END BRIDGE	255.4	
7+06.3 BK = 449+67.5 AH.	EQUATION	6,014.0	
509+81.5	BEG. BRIDGES FOUNTAIN CREEK STR. NO. I-17-EG Westbound		77.8
510+59.3	STR. NO. I-17-EQ Eastbound END BRIDGES	2,061.4	
531+20.7 BK = 531+23.0 AH.	EQUATION	3,997.0	
571+20.0	END F 017-2(8) = STA. 3+60.2 Cimarron St. Conn. Proj. No. I 25-2(21)140		
TOTAL		12,700.7	155.8
SUMMARY		LIN. FT.	MILES
ROADWAY		12,700.7	2.405
BRIDGES		155.8	0.030
TOTAL (NET & GROSS LENGTH)		12,856.5	2.435

DESIGN DATA

MAXIMUM GRADE	2.10%
MAXIMUM DEGREE OF CURVE	4°00'
MINIMUM S.S.D. HORIZONTAL	640'
MINIMUM S.S.D. VERTICAL	680'
MAXIMUM DESIGN SPEED	60 MPH

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	REFERENCE
1	SKETCH MAP, TITLE PAGE & TABULATION OF LENGTH & DESIGN DATA.	
2-3	TYPICAL CROSS SECTIONS, GENERAL NOTES & RIPRAP DETAIL.	
4-5	SUMMARY OF APPROXIMATE QUANTITIES.	
6	SUB-BASE MATERIAL PLAN, SURFACING PLAN & SKETCH MAP OF MATERIALS PIT.	
7	TABULATION OF CONCRETE COMBINATION CURB & GUTTER, FENCING REQUIREMENTS, R.O.W. MARKERS, SUMMARY OF EARTHWORK QUANTITIES & TABULATION OF DELINEATORS.	
8-9	STRUCTURE QUANTITIES.	
10-17	DETAILS OF BRIDGE, STA. 3+.	
18-25	DETAILS OF BRIDGES, STA. 509+.	
26	DETAILS SHOWING PORTIONS OF STRUCTURE TO RECEIVE CLASS "I" SURFACE FINISH.	
26a	CONCRETE PAVEMENT BRIDGE APPROACH SLAB	
27	SUPERELEVATION OF CURVES - DIVIDED HIGHWAYS	(5-1-62) M-1-D-1
28	APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE & CREST WIDENING	(4-22-63) M-2-A
29	LETTERS AND FIGURES FOR STRUCTURE NUMBERS.	(5-1-62) M-5-A
30	RAILROAD WARNING SIGNS	(5-1-62) M-6-A
31-32	CONSTRUCTION TRAFFIC SIGNS	(1-14-63) M-6-B
33	IDENTIFICATION SIGNS	(5-1-62) M-6-C
34	DITCH TYPES	(5-1-62) M-13-A
35	BACKFILL AROUND STRUCTURES.	(5-2-63) M-16-A
36	NO. 12 AND NO. 13 CONCRETE INLETS.	(7-2-63) M-46-A
37	REINFORCED CONCRETE PIPE	(5-1-62) M-52-A
38	CHAIN LINK FENCE	(5-1-62) M-78-A
39	MARKER POSTS AND BENCH MARKS	(5-1-62) M-81-A
40	CURBS AND GUTTERS	(3-25-63) M-84-A
41	HEADWALLS AND APRONS FOR C.M.P. CULVERTS	(5-1-62) M-95-A
42	CONCRETE END AND ANGLE SECTIONS.	(5-1-62) M-152-A
43	DELINEATORS	(7-5-63) M-192-A
44-48	DETAILS OF INTERSECTIONS AT STA. 449+, 476+, 505+, 538+ & 567+.	
48a	TABULATION OF LIGHTING REQUIREMENTS & TYPICAL LIGHT STANDARD.	
49-53	ALIGNMENT PLAN & PROFILE SHEETS.	
54-115	CROSS-SECTIONS.	
9a-9c	HIGHWAY CROSSING SIGNAL INSTALLATION.	



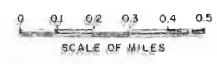
SEE SPECIAL PROVISIONS FOR "NOTICE TO BIDDERS".

APPROVED: *[Signature]* 12-2-62
CHIEF ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

STA. 0+00 Begin F 017-2(8) = STA. 3+40 on FAP 117

STA. 571+20.0 End F 017-2(8) = STA. 3+60.2 Cimarron St. Conn. Proj. I 25-2(21)140



FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLORADO	F 017-2(8)	44 15

Orig. Scale: 1" = 50'
Rev. 7-15-63 Islands 6.5.

DETAILS OF INTERSECTION STA. 449+

LEGEND

Control Line
Lane Edge
Shoulder
Concrete Combination Curb & Gutter (Type I)
Concrete Combination Curb & Gutter (Type II)
Raised Island
Right of Way
Access Denied by Deed
Present Roadway
Lights
20,000 Lumen (Mercury Vapor)
1 1/2" Electrical Conduit

NOTE: Dimensions to Curb
are to FACE of Curb.

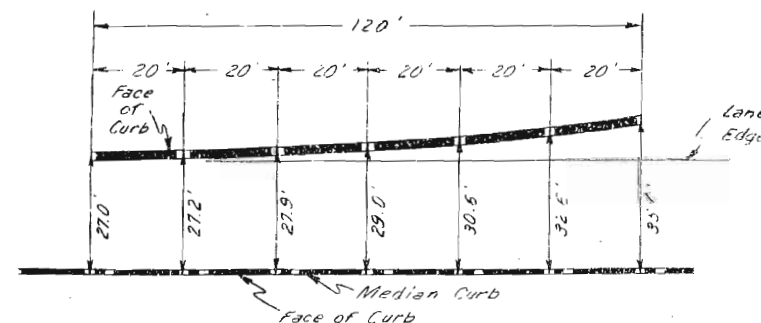
TRAFFIC LEGEND
CHV 1980

DETAILS TAPER SECTION FOR MEDIAN CURB



$\Delta = 53^{\circ}00'$
 $D = 14^{\circ}00'$
 $T = 204.1'$
 $L = 378.6'$
 $R = 409.3'$

DETAILS OF PARABOLIC CURB FLARE



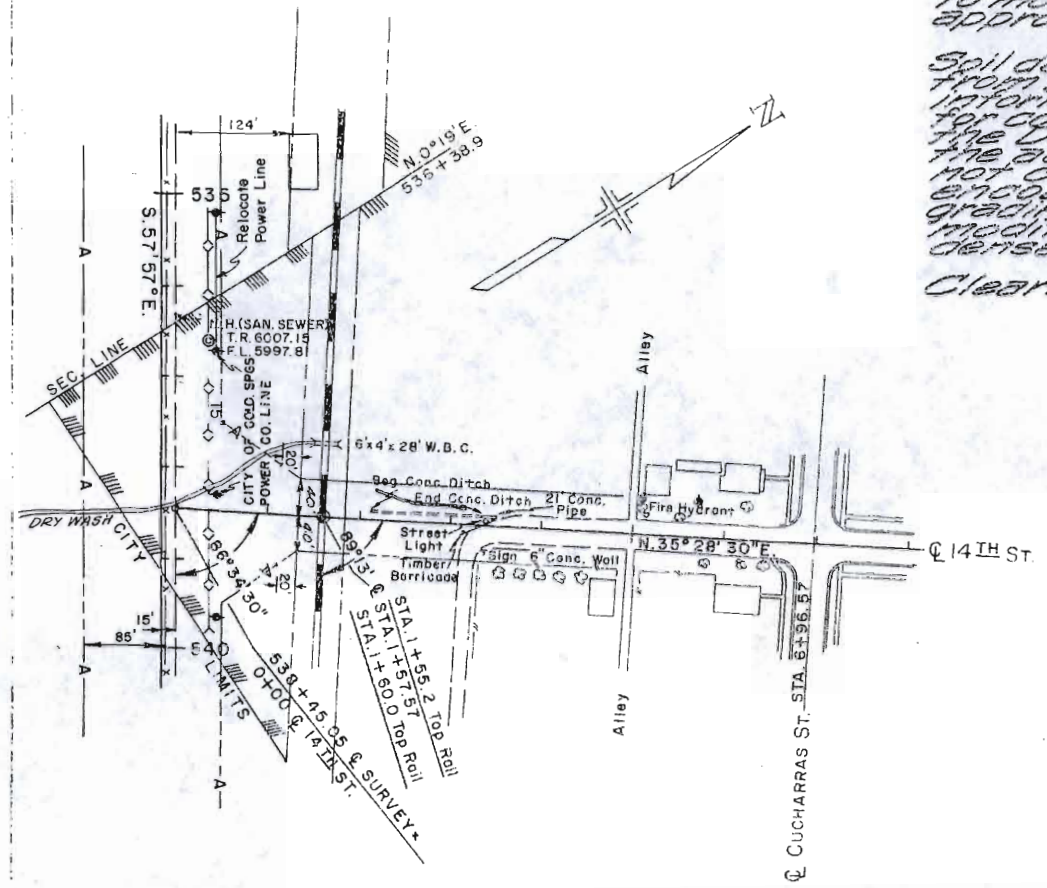
PI. 449+67.5
7+06.3 Conn.

820 Lin. Ft. 1 1/2" Conduit for Lighting
For Pull Box Details
See Sheet No. 48a

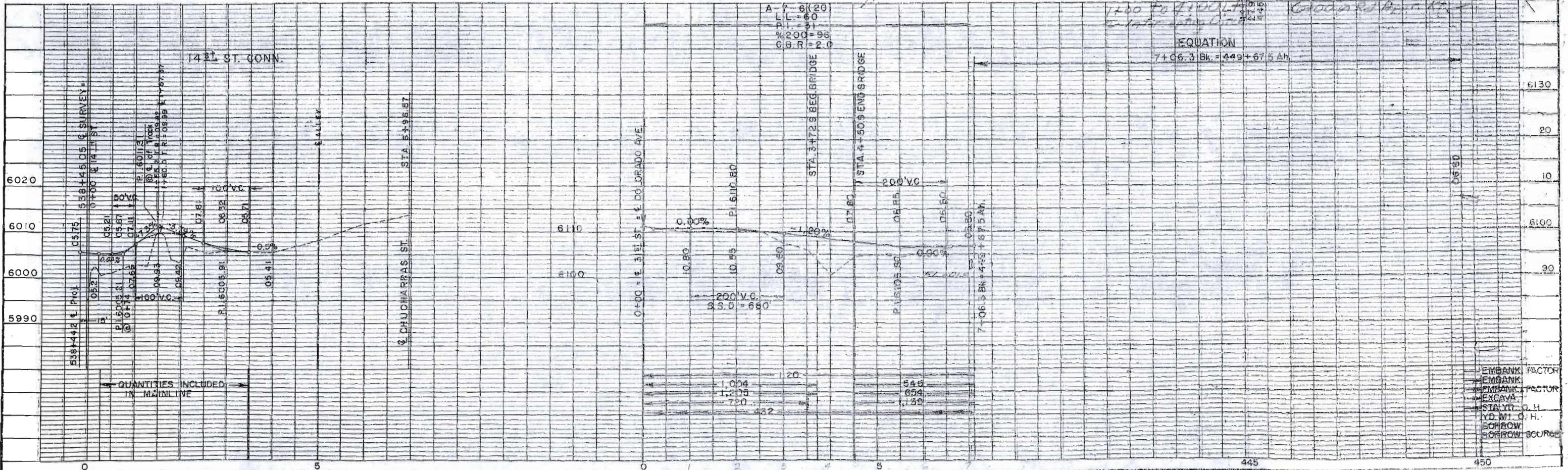
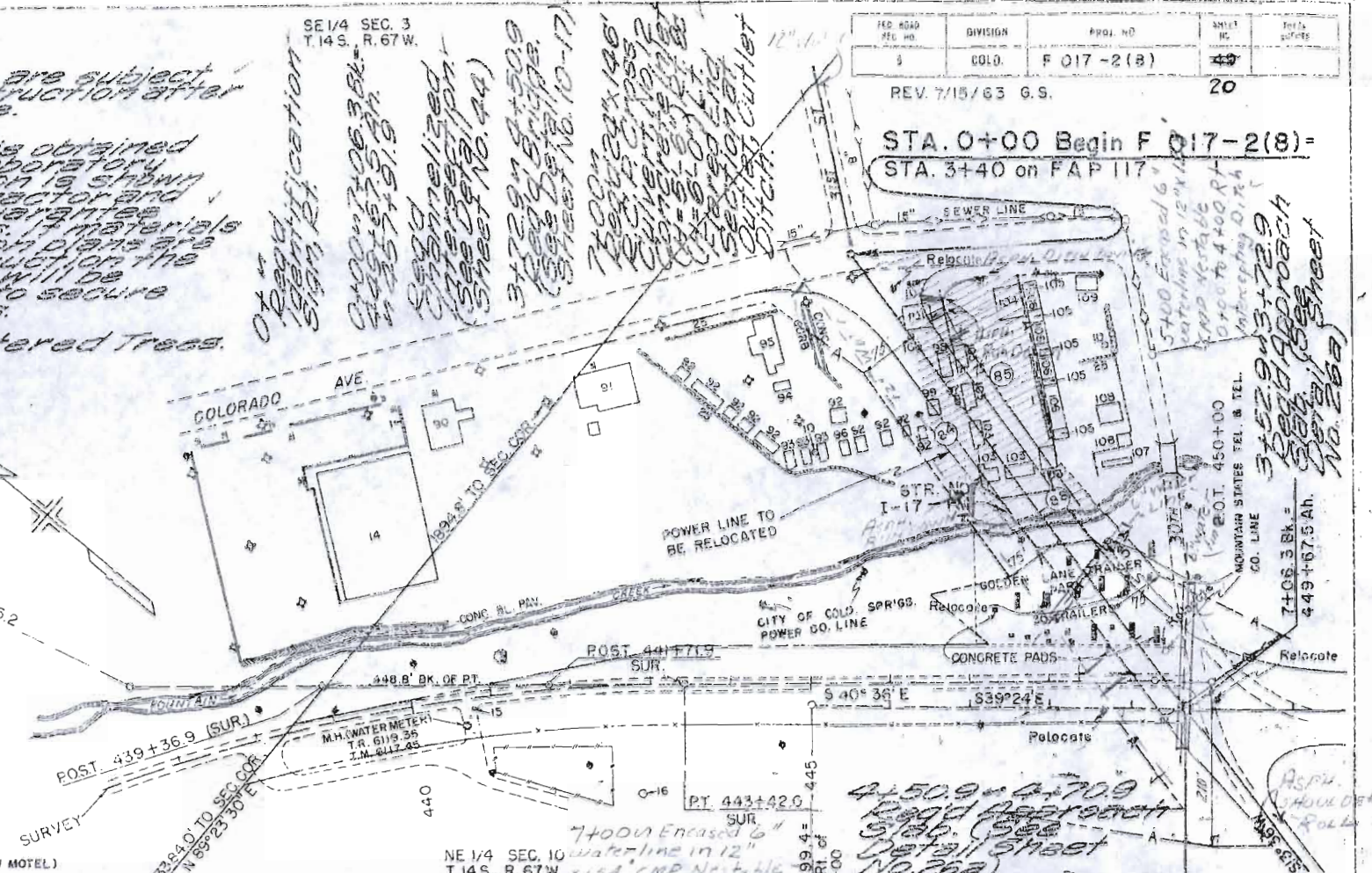
$\Delta = 127^{\circ}00'$
 $R = 120'$
 $R_2 = 35'$
 $OFF = 8.0'$
 $T = 122.24'$
 $T_2 = 86.24'$
 $Y = 11.29'$
 $\theta = 25^{\circ}03'27''$

Proposed Road
by Others

NOTE:
Alignment and Grades shown are subject to modification during construction after approval by the Denver Office.
Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. Materials not conforming to the data on plans are encountered during construction on the grading plan shown or plans will be modified where necessary to secure dense, stable embankments.
Clearing & Grubbing Scattered Trees.



- 1 - CONC. WALL
- 10 - WELL
- 14 - GINGER BLK. BLDG. (MILLER'S)
- 15 - WATER VALVE
- 16 - CESSPOOL
- 25 - ROCK WALL
- 90 - RESTAURANT (JAN DEE'S)
- 91 - STORE BLDG.
- 92 - STUCCO CABIN
- 93 - LOG CABIN
- 94 - GARAGE
- 95 - HOUSE
- 96 - LAUNDRY HOUSE
- 97 - SHED
- 98 - HOUSE
- 99 - GARAGE
- 100 - OIL PUMP
- 101 - SERVICE STATION
- 102 - GAS PUMPS
- 103 - CABIN
- 104 - OFFICE BLDG. (DREAM VALLEY MOTEL)
- 105 - CAR PORT
- 106 - CABIN
- 107 - TRAILER HOUSE
- 108 - COTTAGE
- 109 - OFFICE BLDG. & HOUSE (SLEEPY HOLLOW MOTEL)



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INDEX OF SHEETS	
SHEET NO.	
1-	TITLE SHEET
2,2A,2B&2C	TABULATION OF PROPERTIES
3	OMITTED
4-8B	PLAN & PROFILE SHEETS

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 017-2(8) STATE HIGHWAY NO. 4 ²⁴ EL PASO COUNTY

SCALES OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT
NET LENGTH OF PROJECT

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 017-2(8)	1	8

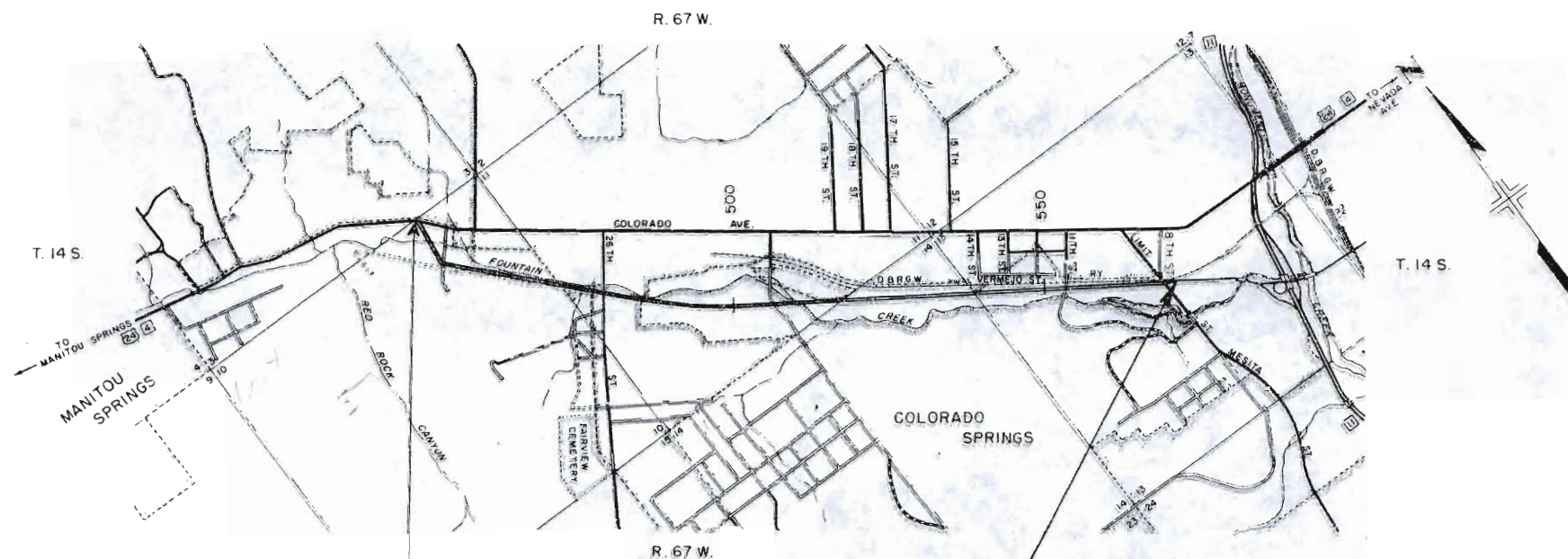
RIGHT OF WAY
COLORADO SPRINGS - WEST

CONVENTIONAL SIGNS

CENTER LINE	PLAN SHEET	TITLE & SHEET
RIGHT OF WAY LINE	A	ROW MARKER
COUNTY LINE		
TOWNSHIP OR RANGE LINE		
LAND LINES	SECTION LINE	1/4 SECTION LINE
RAILROAD	TITLE SHEET	PLAN SHEET
BARBED WIRE FENCE		
COMBINATION WIRE FENCE		
SNOW FENCE		
TELEPHONE & TELEGRAPH LINES		
POWER LINE		
DETOUR		
PRESENT ROAD (Plan Sheets)		

REVISIONS	
1-2-82	Added Sheet No 8B

RIGHT OF WAY



STA. 0+00 Begin R.O.W. & Const. on
Project F 017-2(8) = STA. 3+40 on FAP -117

STA. 571+20.0 End R.O.W. & Const. F 017-2(8) =
STA. 3+60.2 on Proj. I 25-2(21)140

0 0.1 0.2 0.3 0.4 0.5
SCALE OF MILES

- Void -
But keep in Plans New sheet blurred in some areas

REVISIONS		
3-25-63	Added Detail	LRJ
6-18-63	Changed R.O.W. Parcel 83	LRJ
7-11-63	Add Parcels 90A, 91A & 96B	LRJ
12-4-63	Rev. Parcel 92	DJF
1-6-64	Added Access on par. 92 Rev.	FCM
6-2-64	Rev 95 Rev. 88 Rev. 88A	AWP

SE 1/4 SEC. 3
T. 14 S., R. 67 W.
BLK. 2
GRANDVIEW ADD.

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	DATE
5	COLO.	F 017-2(8)	4

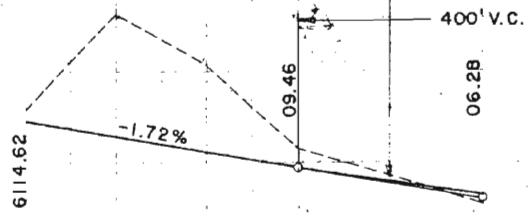
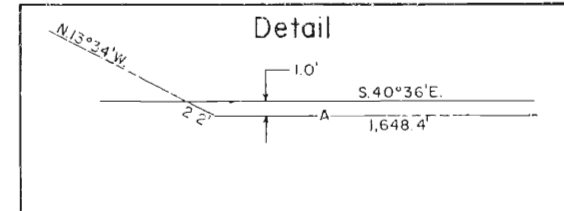
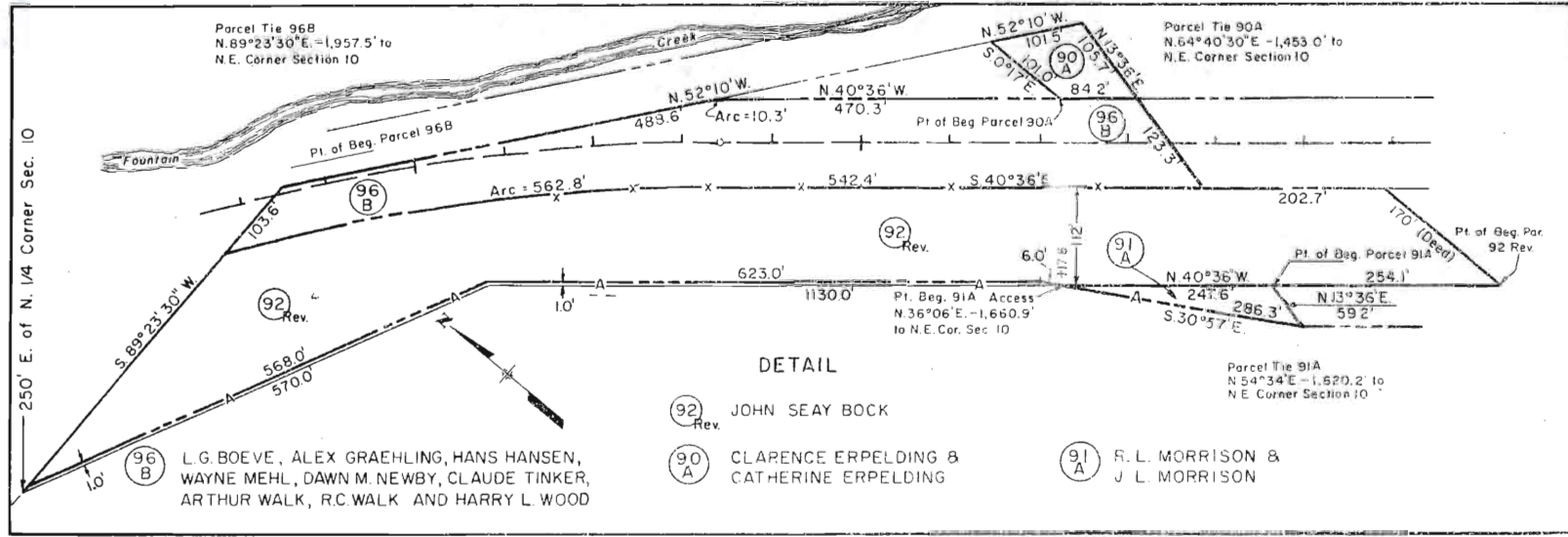
STA. 0+00 Begin R.O.W. & Const. F 017-2(8)

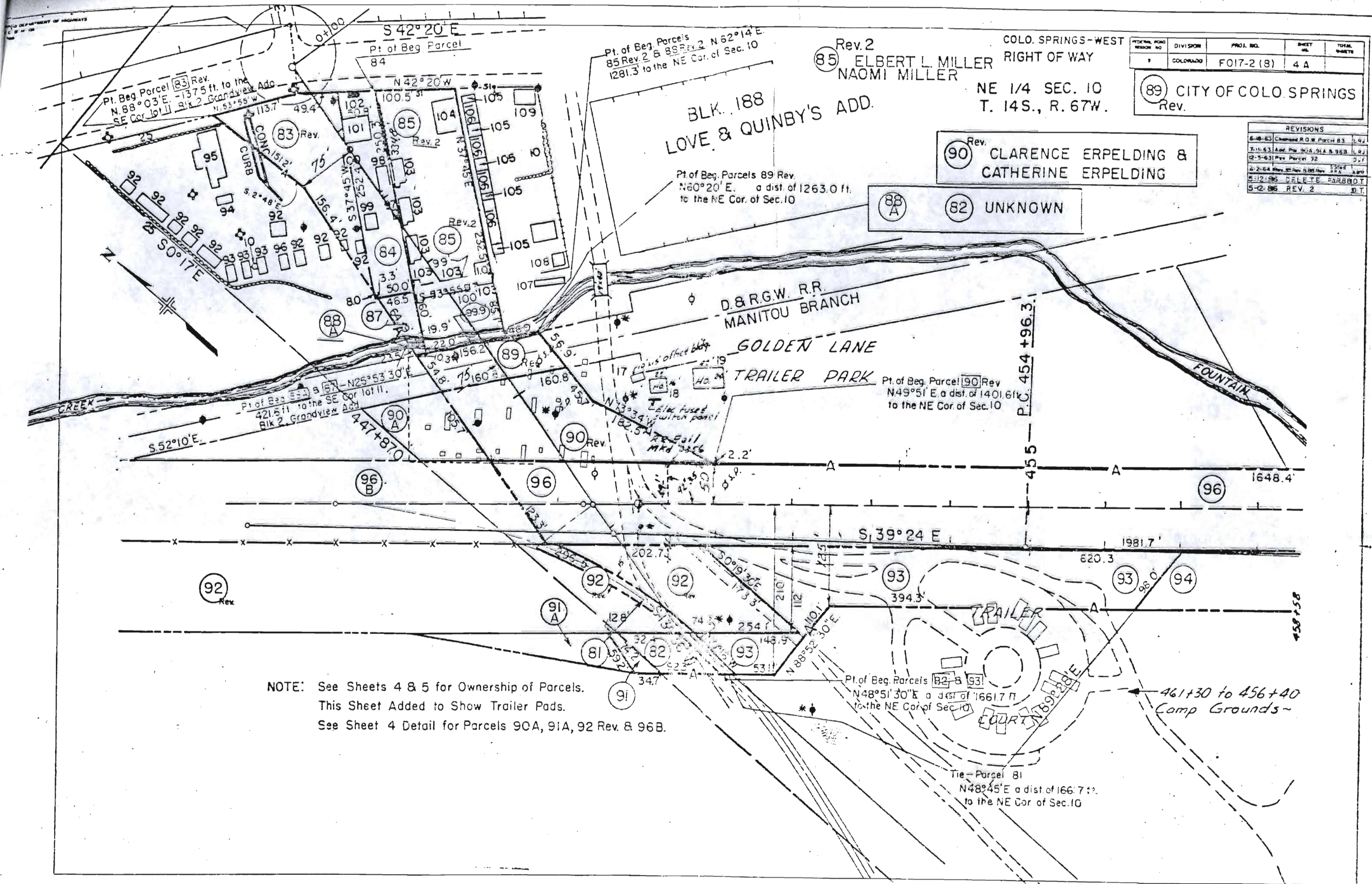
- 1 - CONC. WALL
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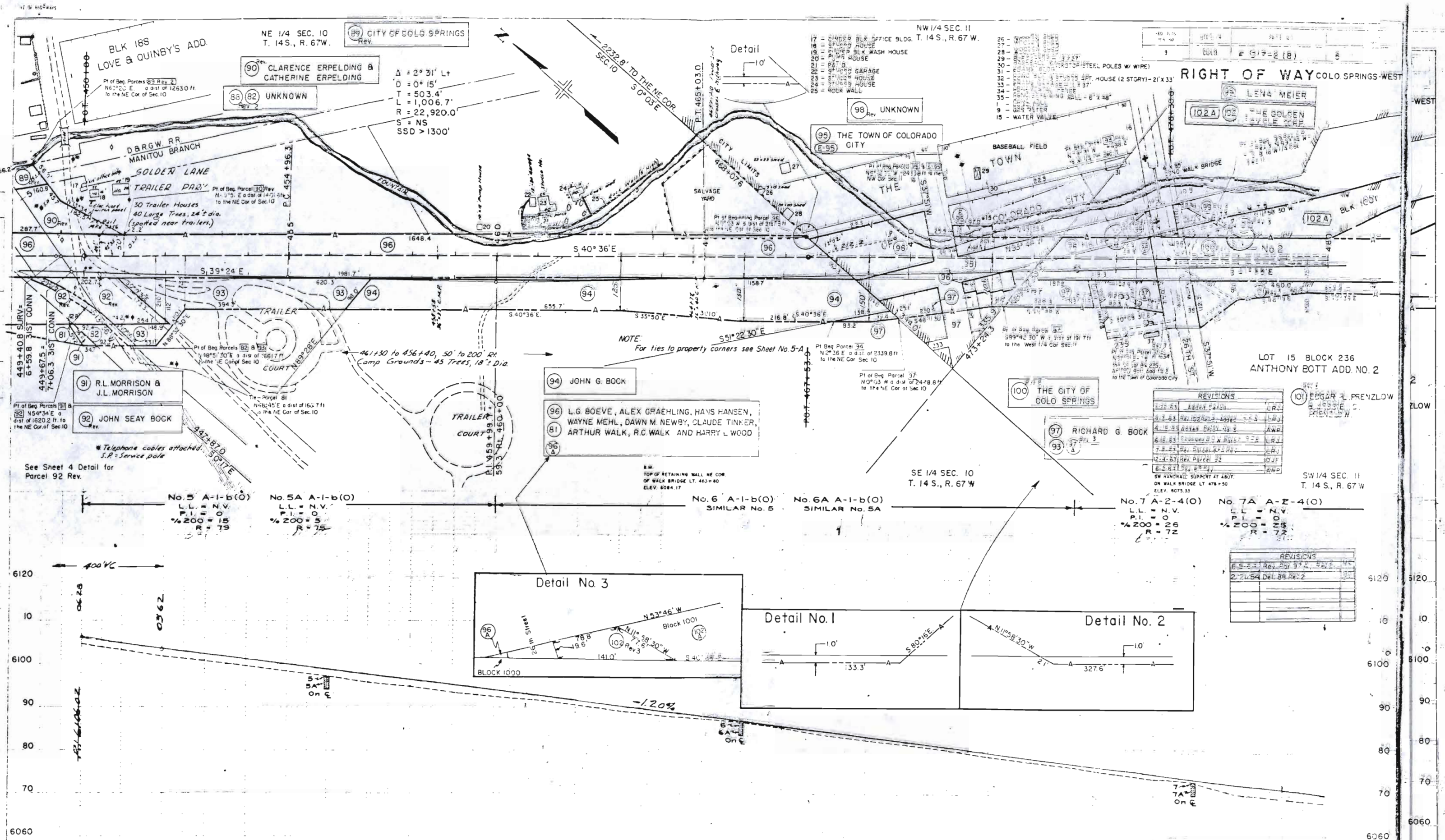
(83) ERNEST J. WESKAMP &
(87) MARJORIE E. WESKAMP

(88) Rev. 2 UNKNOWN
(86) DELETED

NOTE:
Refer Detail for Parcels 90A, 91A & 96B









D. & R. G. R. R.
MANITOU BRANCH
COLORADO SPRINGS TO MANITOU
SCALE - 400 FT. PER INCH

SEC. 10

MP 78
N.S.

John H. Suhr
Deed #282
25x25

Henry Martin
Deed #282
25x25

Geo. A. Bute
Deed #281
25x25 & 50x50

LOVE & QUINBYS

COLORADO

PIKES PEAK
School House

COLORADO

WASHINGTON

GRAND

FIFTH

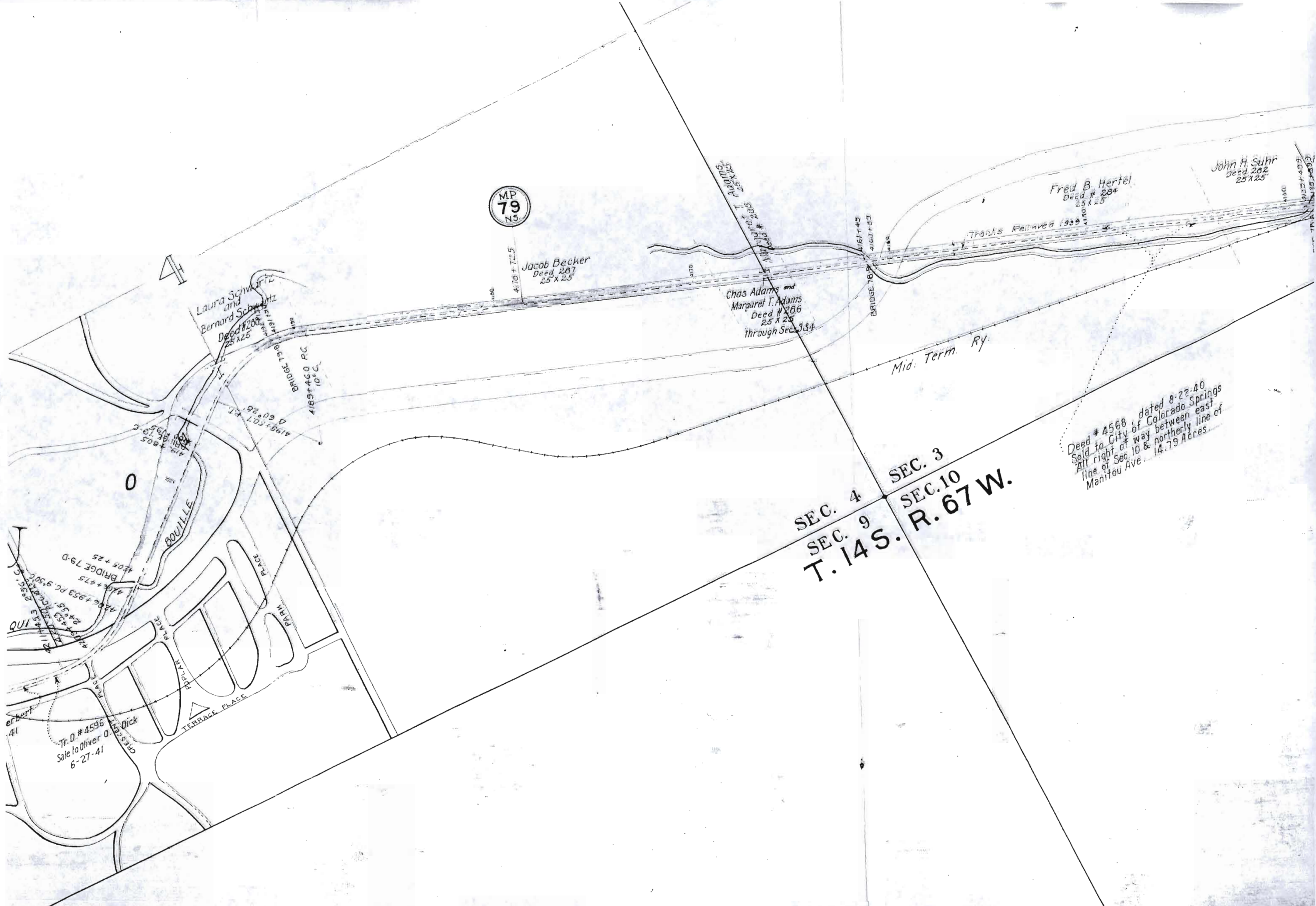
FOURTH

ST. CITY

8-22-40
Colorado Springs
between east
northerly line of
79 Acres.

10

SEC. 11
14



MP
79
25

Jacob Becker
Deed #287
25 X 25

Chas Adams and
Margaret T. Adams
Deed #286
25 X 25
through Sec. 3 & 4

Fred B. Hertel
Deed #284
25 X 25

John H. Suhr
Deed #282
25 X 25

Mid. Term. Ry.

SEC. 4 SEC. 3
SEC. 9 SEC. 10
T. 14 S. R. 67 W.

Deed #4568, dated 8-22-40
Sold to City of Colorado Springs
All right of way between east
line of Sec. 10 & northerly line of
Manitou Ave. 14.79 Acres.

Tr. D. #4596
Sale to Oliver O. Dick
6-27-41

STATE OF COLORADO STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT No. 117.
EL PASO COUNTY

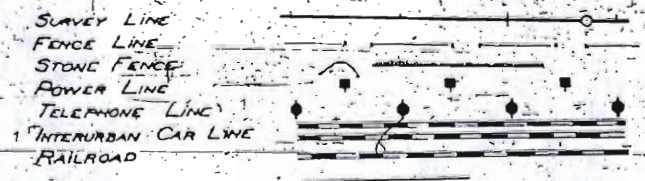
SCALES: PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VER. 1 IN. = 10'

GRADE LINE OF PROFILE IS SHOWN AS THE GRADE OF FINISHED ROAD.
GROSS LENGTH OF PROJECT 4919 FT. = 0.931 MILE.
NET LENGTH OF PROJECT 4907 FT. = 0.929 MILE.

INDEX OF SHEETS

- NO. 1 TITLE PAGE
- 2 TYPICAL CROSS-SECTIONS OF IMPROVEMENT AND SUMMARY OF QUANTITIES
- 3 BRIDGE IMPROVEMENT
- 4 PLAN & PROFILE STATION 00 TO 25+00
- 5 PLAN & PROFILE STATION 25+00 TO 49+20
- 6 & 7 CROSS SECTIONS

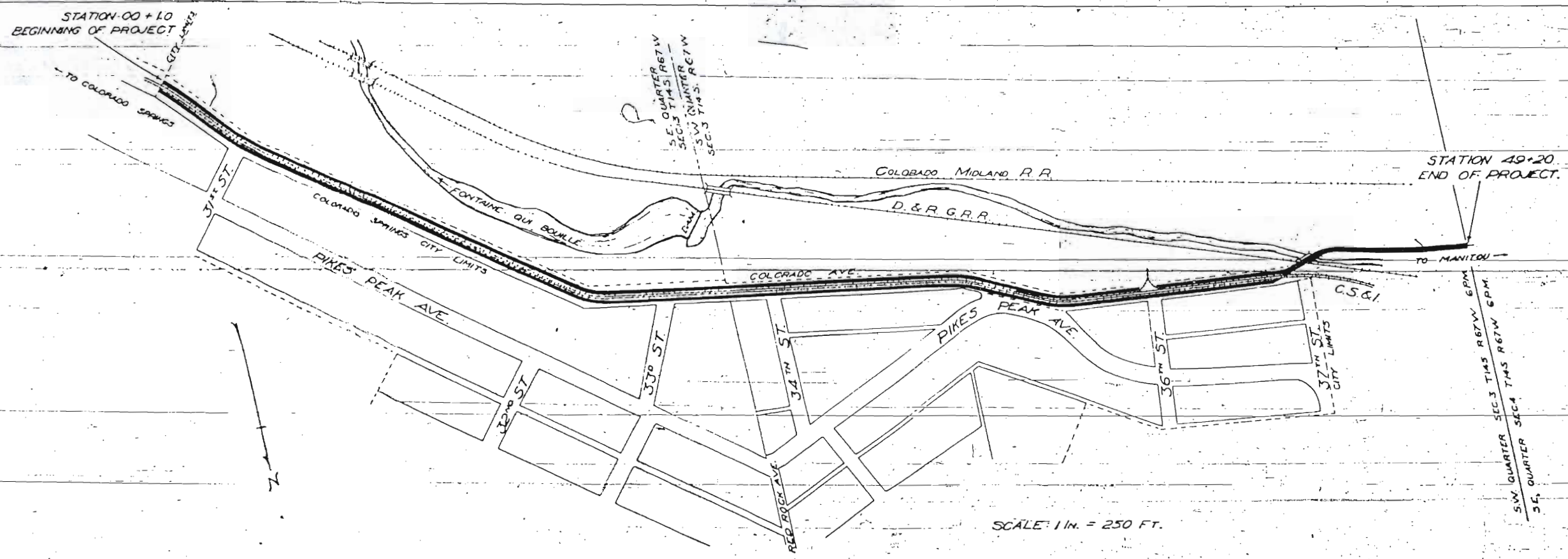
CONVENTIONAL SIGNS



SECTION LINES

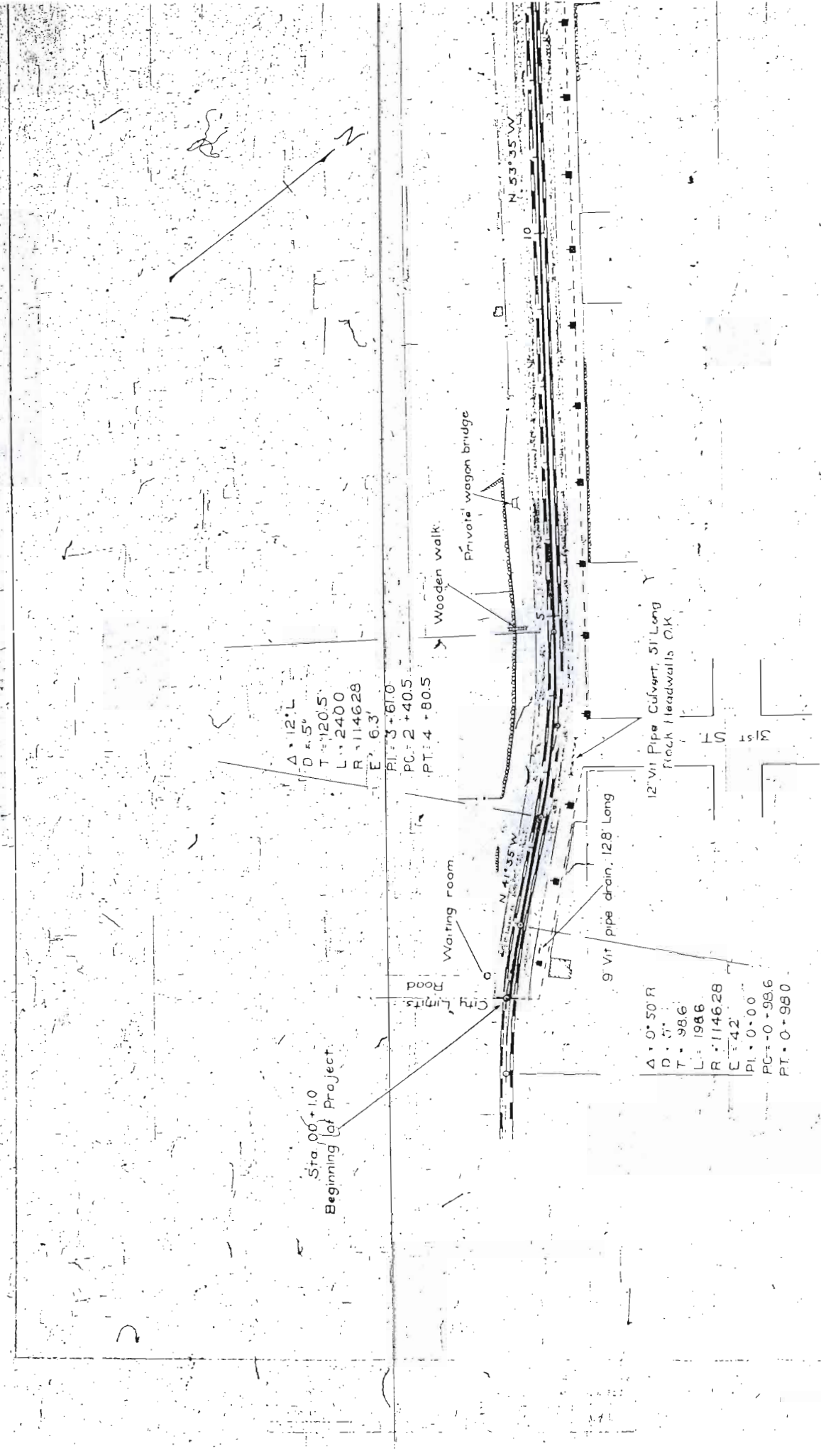
STATION 00+10
BEGINNING OF PROJECT

STATION 49+20
END OF PROJECT

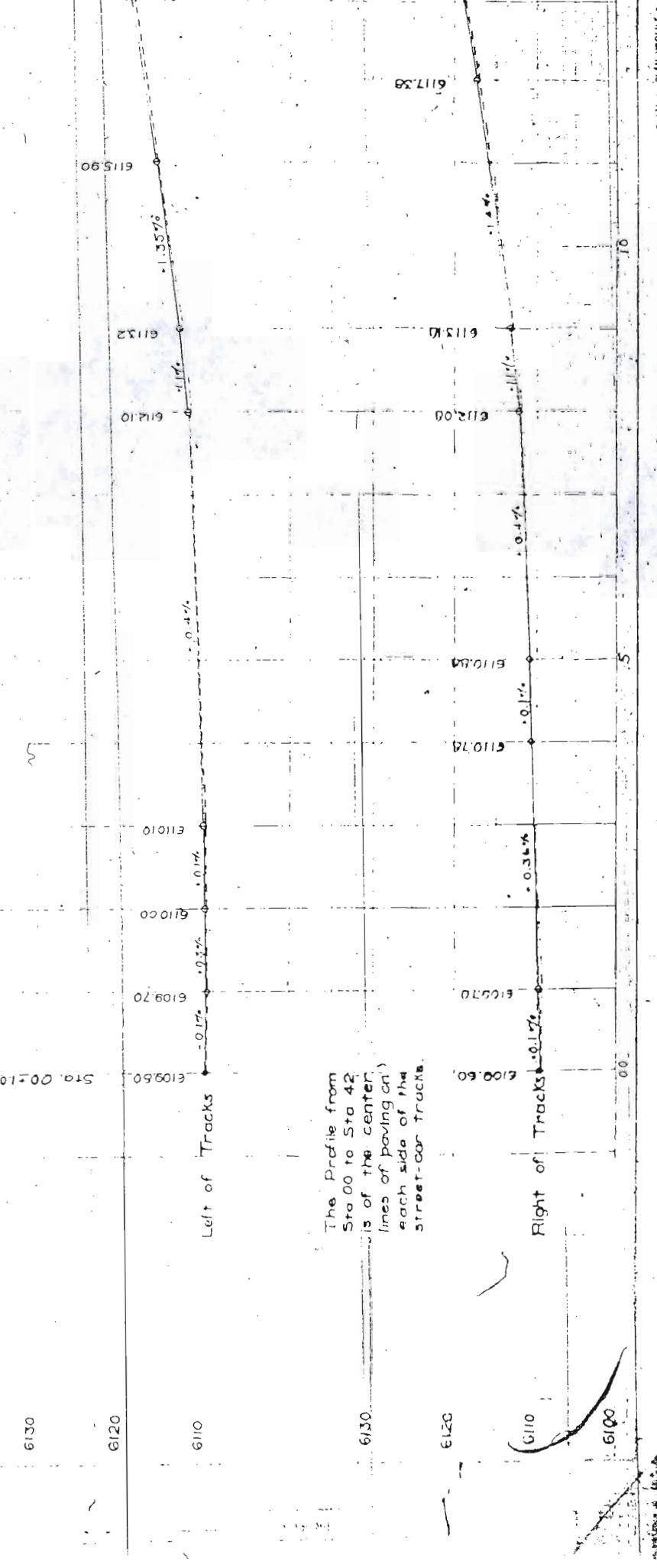


SCALE: 1 IN. = 250 FT.

RECOMMENDED APPROVAL
CHIEF ENGINEER OFFICE OF STATE HIGHWAY COMMISSION
APPROVED
STATE HIGHWAY COMMISSIONER
RECOMMENDED APPROVAL
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
RECOMMENDED APPROVAL
CHIEF ENGINEER BUREAU OF PUBLIC ROADS

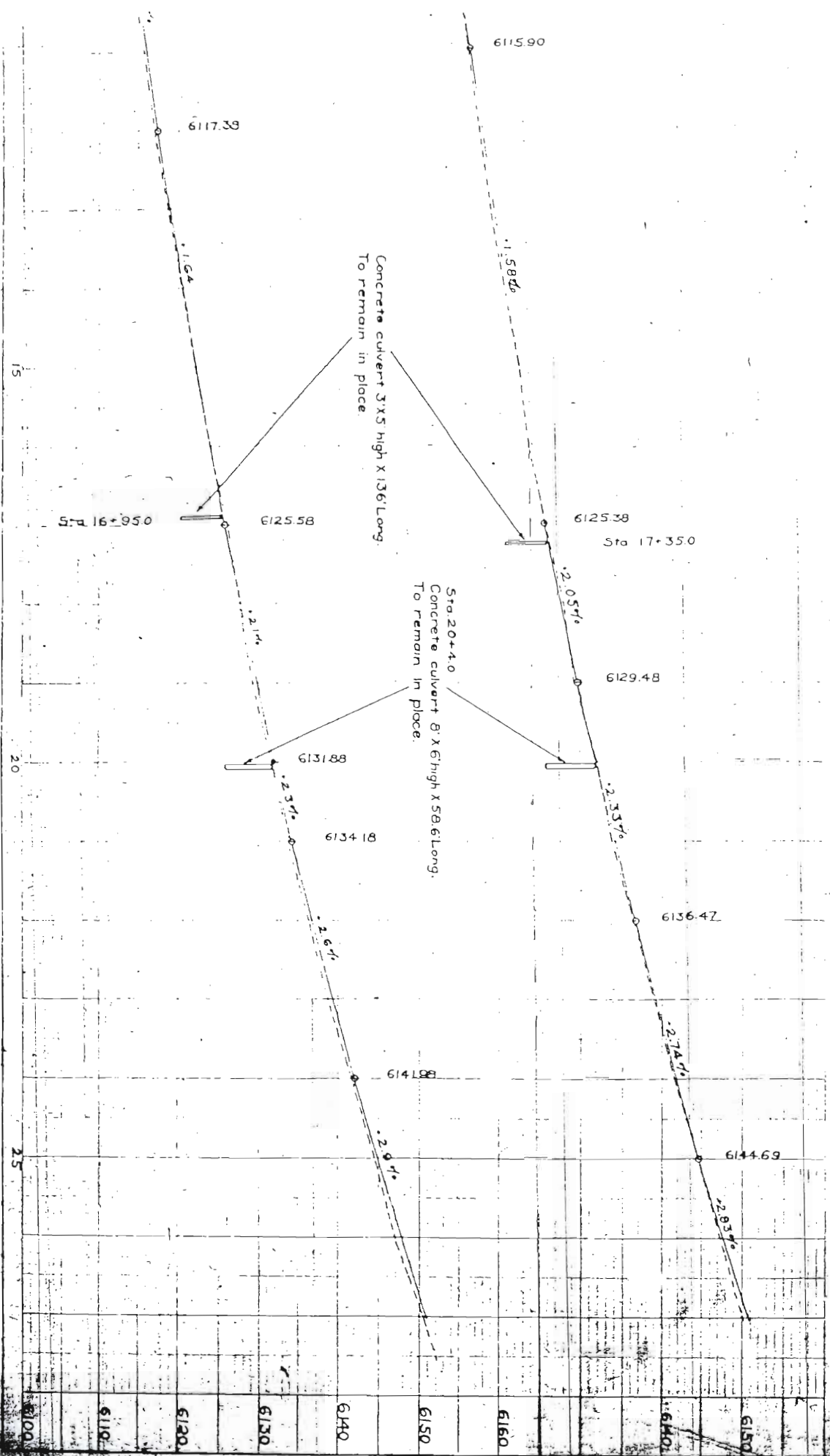
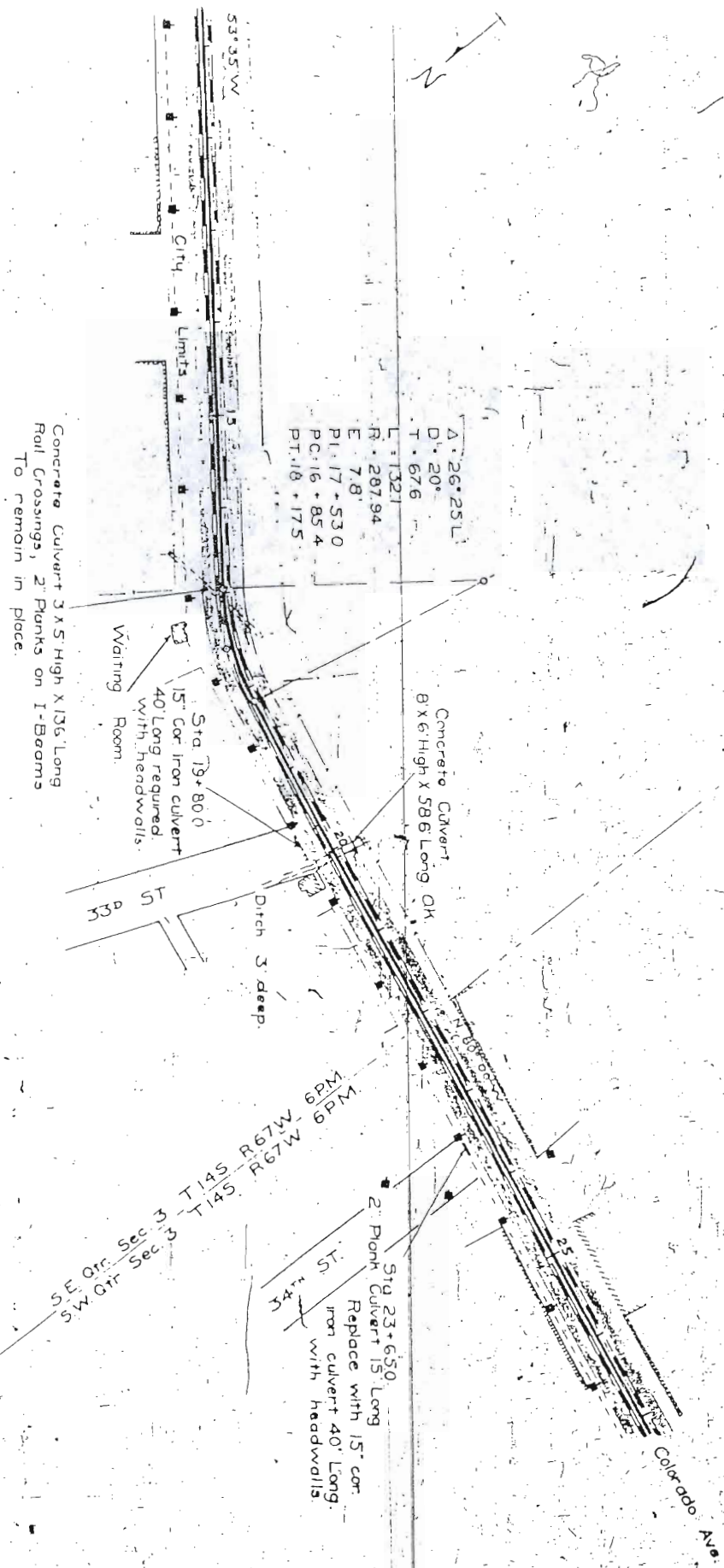


Sta. 00+10 Beginning of Project



The Profile from Sta 00 to Sta 42 is of the center lines of paving on each side of the street-car tracks.

FED. ROAD DIST. NO.	STATE	FED. ROAD PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	117	4	7



PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. 162
STATE HIGHWAY NO. 18
EL PASO CO.

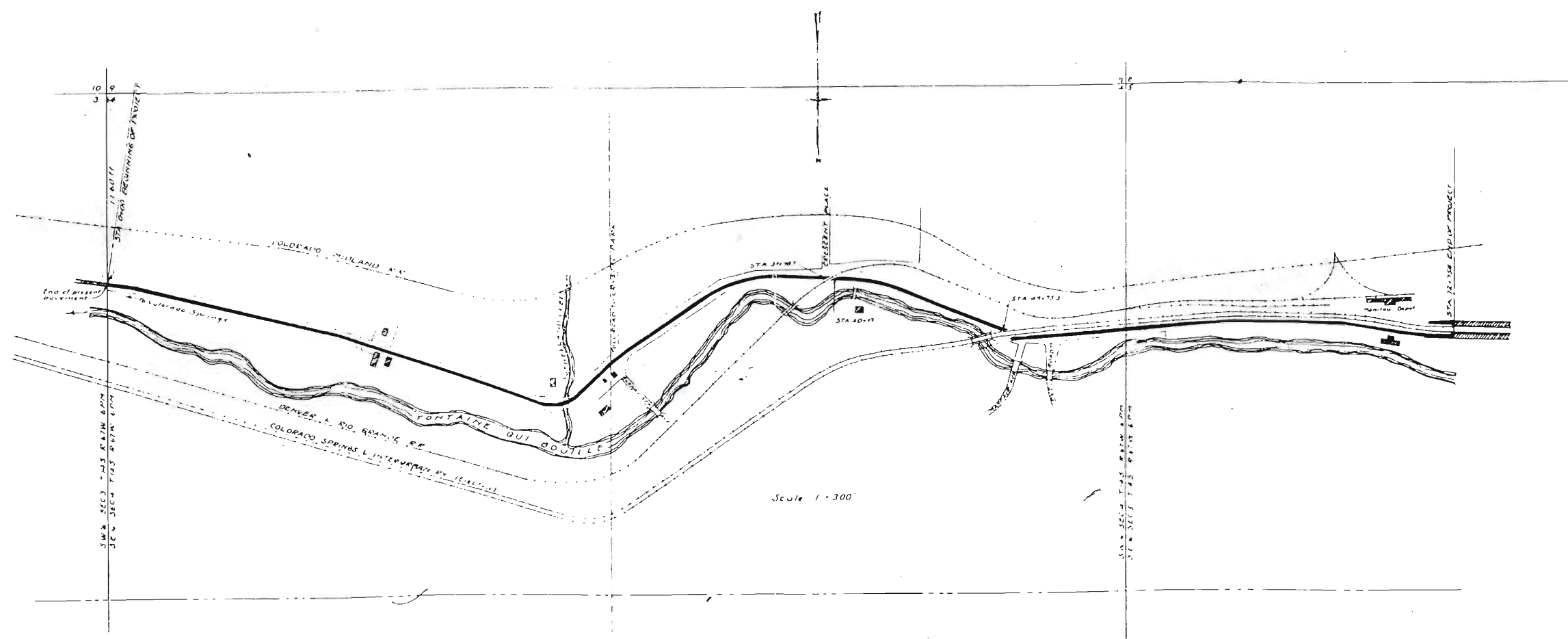
SHEET NO. 1. TITLE PAGE.
2. TYPICAL CROSS-SECTION OF IMPROVEMENT
AND SUMMARY OF QUANTITIES.
3. STANDARD CONCRETE HEADWALLS
4. STANDARD CONCRETE BOX CULVERTS.
2. A HEADWALL ELEVATIONS
6 to 8 (Inclusive) PLANS & PROFILES.
9 to 13 (Inclusive) CROSS SECTIONS

SURVEY LINE
FENCE LINE
POWER LINE
TELEPHONE LINE
RAILROADS

Section Lines

SCALES

	ON PLAN	1 IN = 100 FT
	ON PROFILE	1 IN = 100 FT HORIZONTAL
		1 IN = 10 FT VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE		
SYNCHRO ROAD		
GROSS LENGTH OF PROJECT	1.778	MILES
NET LENGTH OF PROJECT	1.363	MILES
GROSS LENGTH OF PROJECT	7276.8	FEET
NET LENGTH OF PROJECT	7200.3	FEET



Scale 1 = 300

[illegible]

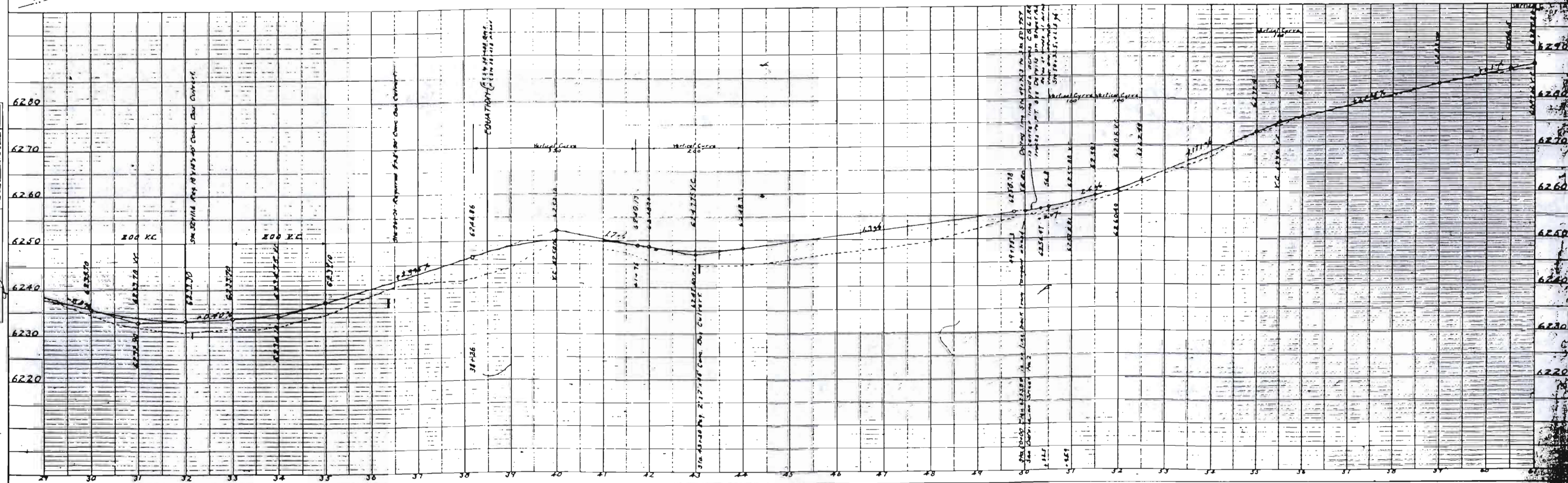


PLATE 1 - PLAN-PROFILE 72 P 8 6 - E. STANCO
KEUFFEL & ESSER CO., NEW YORK.

