

See Standard M-100-A for STANDARD SYMBOLS

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS—STATE OF COLORADO

UTILITIES, R.O.W. AND P.E.
OBLIGATED UNDER PROJ. NO.
F-RF-034-1(10)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	RFO34-1(14)	1

AS CONSTRUCTED
REVISED DATE OCTOBER 19, 1975

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. RFO34-1(14)
STATE HIGHWAY NO. 34
WELD COUNTY

AS CONSTRUCTED
REVISED DATE OCT. 13, 1975

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

STA. 160+00 END RFO34-1(14)
OPR. STA. 614+65.5 ON N.R.H. 186-B

AS CONSTRUCTED
RETURN TO DIVISION OF HIGHWAYS

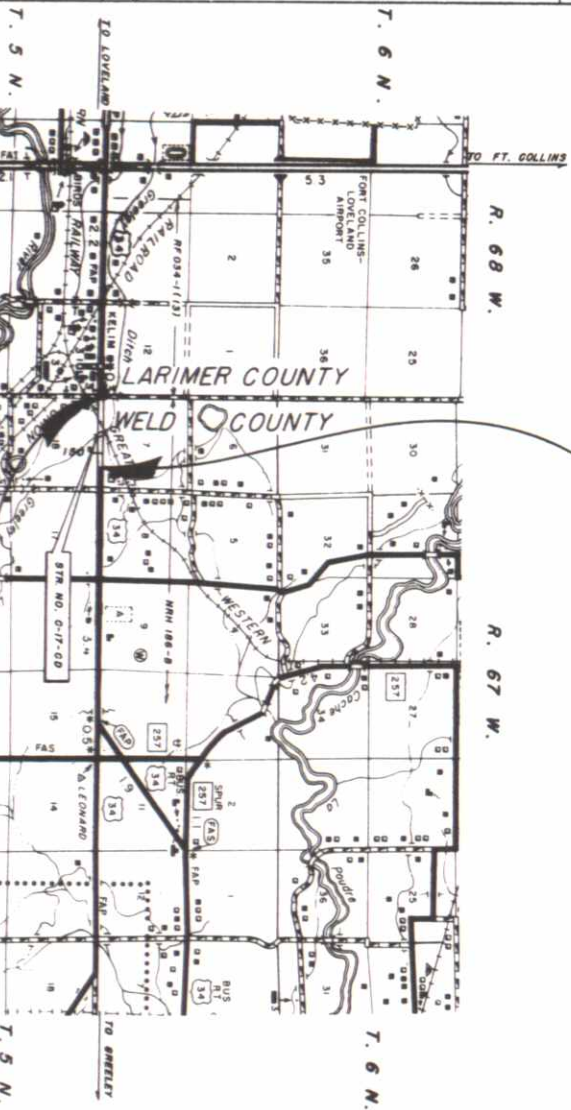
INDEX OF SHEETS
1 SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH AND DESIGN DATA.
2 TYPICAL CROSS SECTION AND GENERAL NOTES
3 SUMMARY OF APPROXIMATE QUANTITIES
4 SUMMARY OF APPROXIMATE QUANTITIES AND TABULATION OF GUARD RAIL
5 FENCING REQUIREMENTS AND TABULATION OF DELINEATORS
6 BASE AND SURFACE COARSE PLAN
7 PIT SKETCH
8 STRUCTURE QUANTITIES
9 DETAILS OF CROSS CULVERT WITH SLIDE HEADGATE STA. 138+38. DETAILS
10 OF CONC. INLET WITH SLIDE HEADGATES AND CONC. SLOPE AND DITCH
11 PAVING STA. 129+ AND DETAILS OF MEDIAN OPENING STA. 148+
12 TRAFFIC SIGNAL PLAN STA. 139+ STR. NO. C-17-CD
13 DETAILS OF INTERSECTION STA. 374 & GREAT WESTERN R.R. CROSSING
14 ALIGNMENT PLAN AND PROFILE
15 STRUCTURE CROSS SECTIONS
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STANDARD SYMBOLS
SUPERELEVATION OF CURVES - DIVIDED HIGHWAYS
APPROACH ROAD FLARE, CUT SLOPE TREATMENT,
BRIDGE & CREST WIDENING
DITCH TYPES
EXCAVATION AND BACKFILL FOR STRUCTURES
LETTERS AND FIGURES FOR STRUCTURE NUMBERS
CONCRETE AND METAL END SECTIONS
METAL CULVERT PIPE - H-20 LOADING
INLET STRUCTURE CONCRETE PIPE
STEPS FOR MANHOLES AND INLETS
GUARD RAIL, TYPE 5, BOX BEAM MEDIAN BARRIER
STEEL
WIRE FENCES AND GATES
CHAIN LINK FENCE
TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION

"S" STANDARDS
(2 SHEETS)
10-26-72
12-2-69
4-5-69
3-16-73
4-12-73
11-1-73

"S" STANDARDS
(2 SHEETS)
10-26-72
12-2-69
4-5-69
3-16-73
4-12-73
11-1-73

As Constructed "No Revisions"
Sheets 14-16, 18



STA. 120+53.7 BEGIN RFO34-1(14) =
STA. 120+53.7 END RFO34-1(13) =
OPR. STA. 653+09.2 END N.R.H. 186-B

STATION	ROADWAY	MAJOR STRUCTURE
	LIN. FT.	LIN. FT.
120+53.7 BEGIN RFO34-1(14) = 120+53.7 END RFO34-1(13) = OPR. 653+09.2 END N.R.H. 186-B		
139+27.6 139+80.4	1,873.9	52.8
160+00 END RFO34-1(14) = OPR. 614+65.5 ON N.R.H. 186-B	2,019.6	
TOTAL	3,893.5	52.8
SUMMARY		
TOTAL - ROADWAY	3,893.5	0.737
TOTAL - MAJOR STRUCTURE	52.8	0.010
PROJECT TOTAL (NET & GROSS LEN.)	3,946.3	0.747
DESIGN DATA		
MAXIMUM DEGREE OF CURVE	0°30'	
MAXIMUM GRADE	2.00%	
MINIMUM S.S.D. - HORIZONTAL	>1300 FT.	
MINIMUM S.S.D. - VERTICAL	865 FT.	
MAXIMUM DESIGN SPEED	70 M.P.H.	
1934 DESIGN TRAFFIC VOLUME	11,250 A.D.T. 1,360 D.H.V.	

SCALE OF MILES
0 1/2 1 2 3

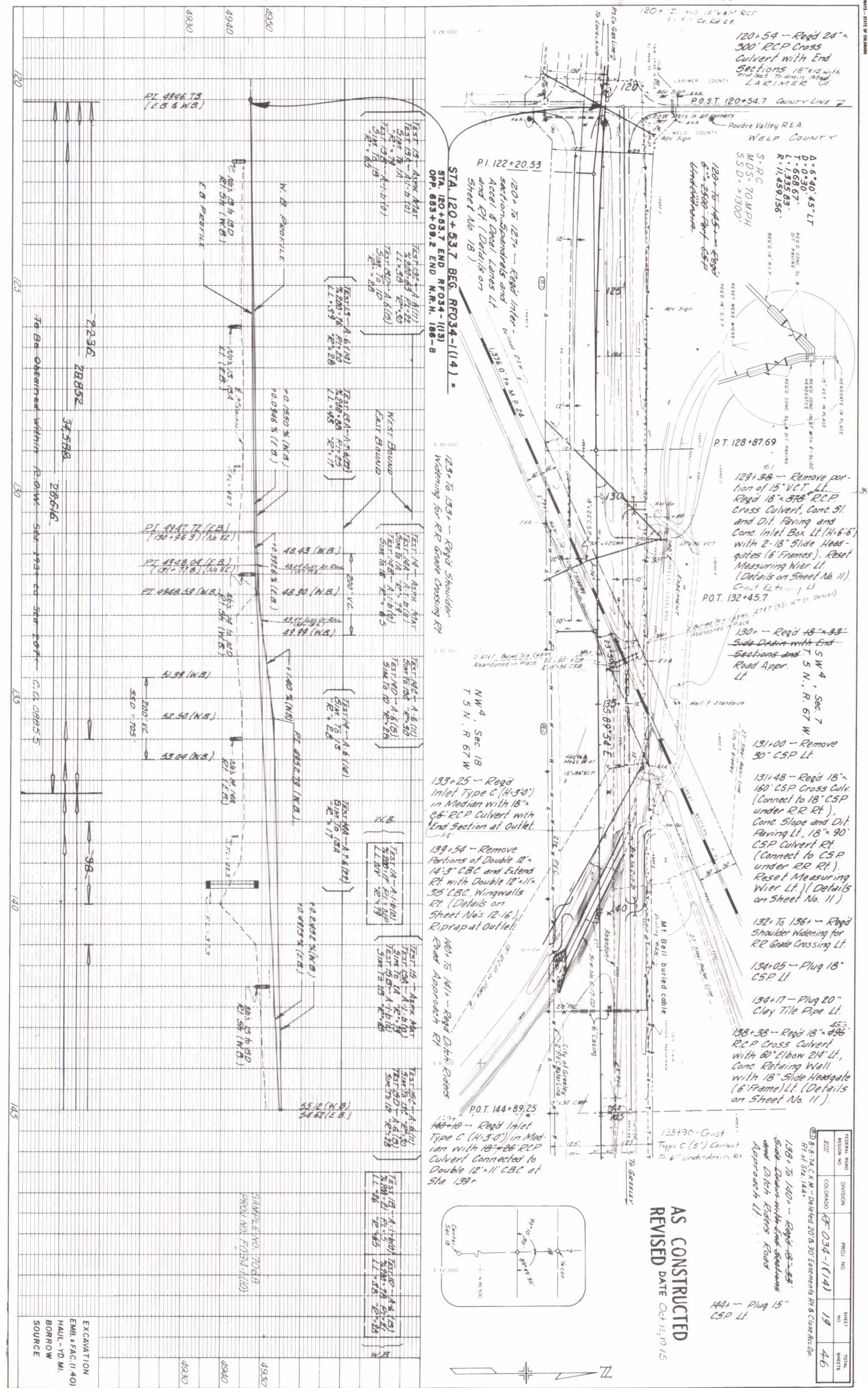
C. K. M.

CONTRACTOR: Macular, Associates, Inc.
Resident Engineer: M. H. Givens
(Project Engineer)
PROJECT STARTED: Sept. 16, 1974
PROJECT COMPLETED: Oct. 13, 1975
AS CONSTRUCTED PLANS: Approved
APPROVED: [Signature]
DATE: 1/28/76

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED: [Signature]
DATE: [Blank]
DIVISION ENGINEER: [Blank]

PLAT	BY	DATE
NO. 31772		
NO. 31772		

PROFILE	BY	DATE
NO. 31772		
NO. 31772		

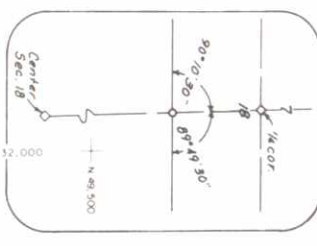


AS CONSTRUCTED
REVISED DATE OCT 13/15

SHEET	TOTAL
19	46

138+38 - Reg'd 18" x 496' RCP Cross Culvert with 60" Elbow 214' Lt., Conc. Retaining Wall with 18" Slide Headgate (6' Frame) Lt. (Details on Sheet No. 11).

144+ - Plug 15" CSP Lt.



139+25 - Reg'd Inlet Type C (4'-3'-0") in Median with 18" x 26" RCP Culvert Connected to Double 12" x 11" C.B.C. at Sta. 139+

139+54 - Remove Portions of Double 12" x 14'-3" C.B.C. and Extend Rt. with Double 12" x 11" 315' C.B.C. Wingwalls Rt. (Details on Sheet No. 12-16), Riprap Outlet

133+25 - Reg'd Inlet Type C (4'-3'-0") in Median with 18" x 26" RCP Culvert with End Section at Outlet

131+48 - Reg'd 18" x 160' CSP Cross Culv. (Connect to 18" CSP under RR Rt.), Conc. Slope and Ditch Paving Lt., 18" x 90' CSP Culvert Rt. (Connect to CSP under RR Rt.), Reset Measuring Wier Lt. (Details on Sheet No. 11).

130+ - Reg'd 18" x 33' Side Drain with End Sections and Road Appr. Lt.

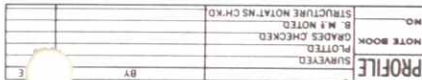
129+38 - Remove portion of 15" V.C.T. Lt. Reg'd 18" x 378' RCP Cross Culvert, Conc. Sl. and Ditch Paving and Conc. Inlet Box Lt. (4'-6'-6") with 2-18" Slide Headgates (6' Frames). Reset Measuring Wier Lt. (Details on Sheet No. 11). Cont. Retaining Lt.

120+54 - Reg'd 24" x 300' RCP Cross Culvert with End Sections, 18" x 15 with end sect. to drain Med. LARIMER CO. WELD COUNTY

SW⁴, Sec. 8
T. 5 N., R. 67 W.

AS CONSTRUCTED
REVISED DATE OCTOBER 13, 1975

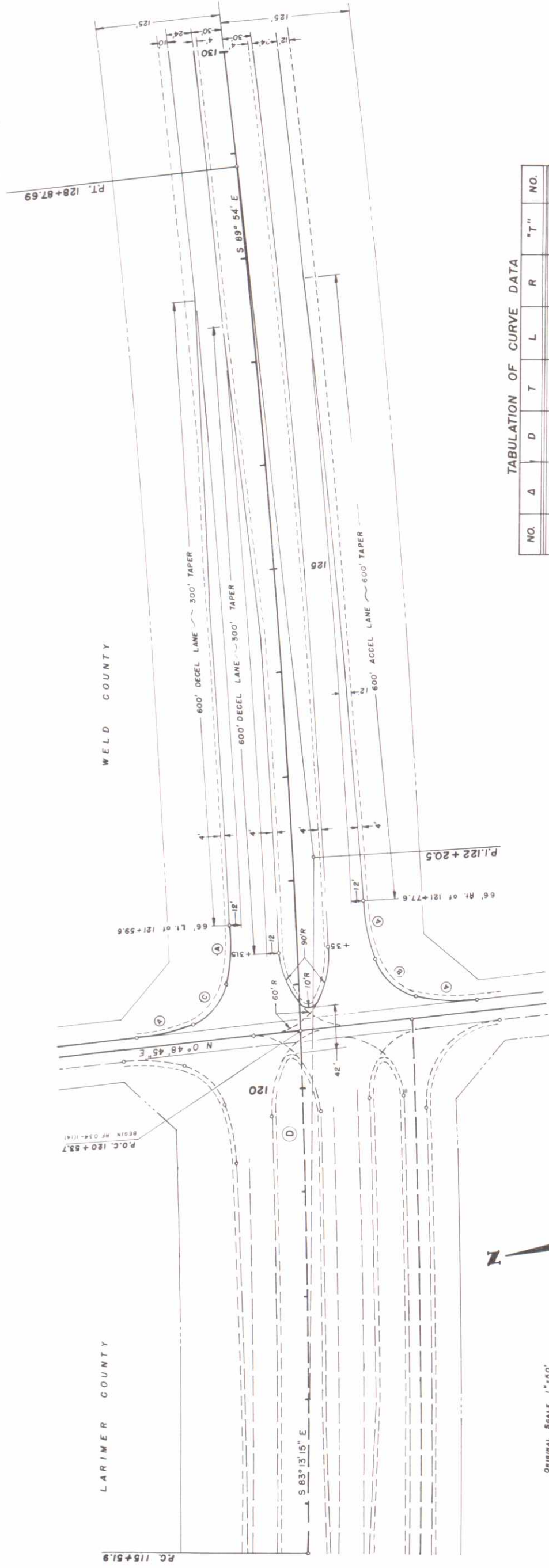
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	PLOTTED				
	ALIGNMENT CHECKED				
	RT. OF WAY CHECKED				
	NO.				



AS CONSTRUCTED
NO REVISIONS DATE Oct 13, 1975

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	RF - 034 - 1(14)	18	46

DETAILS OF INTERSECTION	STA. 120 +



TABULATION OF CURVE DATA

NO.	Δ	D	T	L	R	"T"	NO.
A	18° 12'	31° 50'	28.8'	57.2'	180.0'		A
B	57° 36'	95° 30'	33.0'	60.3'	60.0'	108.3'	B
C	49° 36'	95° 30'	27.7'	51.9'	60.0'	99.0'	C
D	6° 40' 45"	0° 30'	668.7'	1,335.8'	11,459.2'		D

ORIGINAL SCALE 1"=50'