TITLE SHEET

MAR 1980
COMPTR. SEC.
DIST. 4
D.O.H.

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS—STATE OF COLORADO

P.E. & R.O.W. Under RF 034-2(1)

FEDERAL ROAD REGION NO	DIVISION	PROJECT NO	SHEET NO
VIII	COLORADO	FC034-2 (6)	1

AS CONSTRUCTED
NO REVISIONS ____ REVISED 2-2-71 VOID ____

PLAN AND PROFILE OF ~~PROPOSED~~ AS CONSTRUCTED

FEDERAL AID PROJECT NO. FC034-2(6)

STATE HIGHWAY NO. 34

WELD COUNTY

MAR 1980
R. O. W. SECT.
DIST. 4
D.O.H.

DIST. IV	FILE	COPY
DIST. ENGR.		
ASST. ENGR.		✓
CONSTR.		
PRE-CONST.		
ERA		
UTIL		
DESIGN	✓ Kessenich	
ROW		
MATL'S		
EEO		
RE-PE'S		✓ Duncan
MAINT.		
TRAFFIC		

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

SHEETS NOT REVISED

No.	No.
11	41
12	43
13	44
14	45
15	47
21	53
30	55
33	
35	
36	
40	

"S" STANDARDS

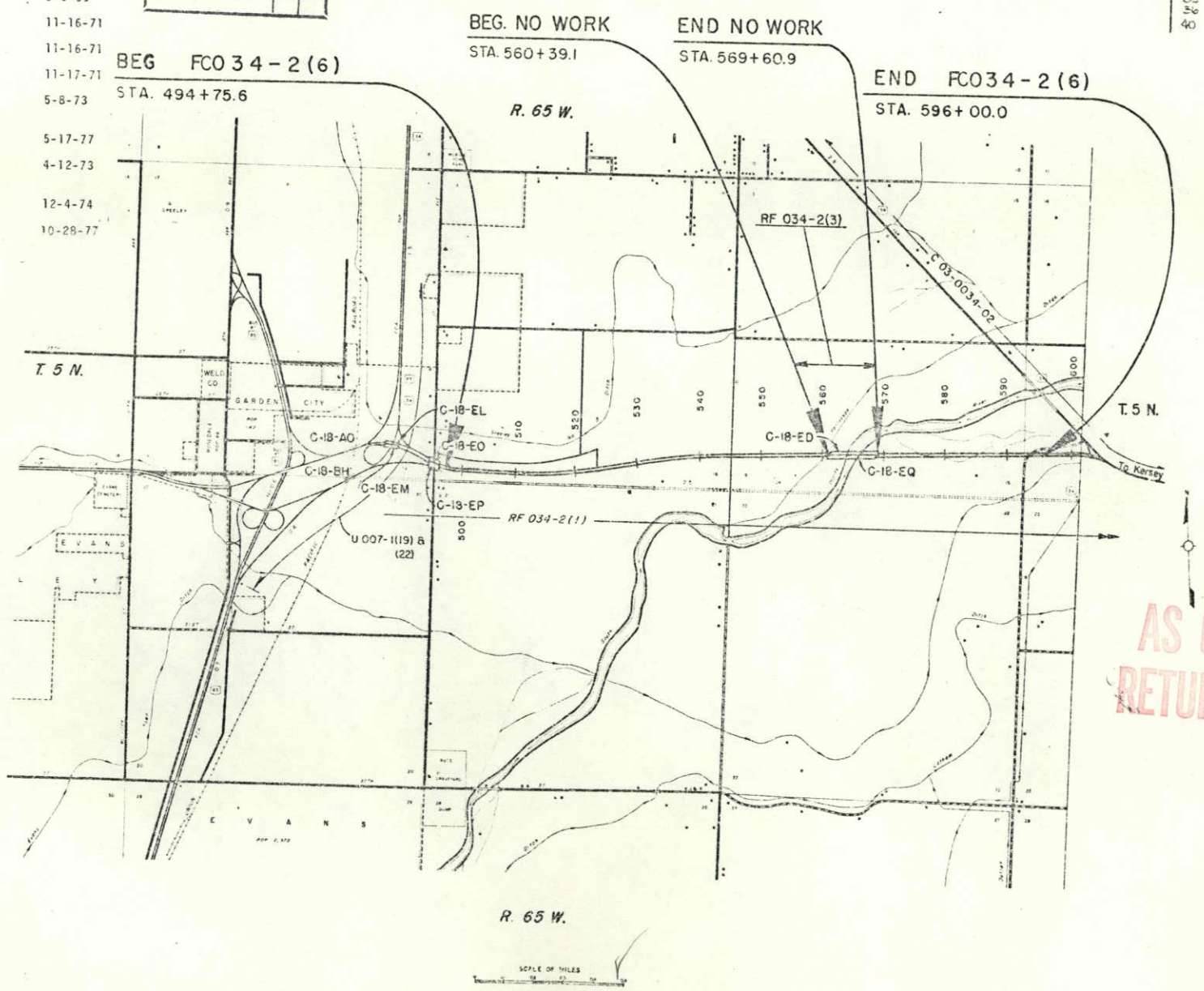
S-614-14A	ATTACHMENT DETAILS FOR OVERHEAD SIGN PANELS		3-11-69
S-614-15B	LIGHT FIXTURE AND SAFETY WALKWAY DETAILS	(3 SHEETS)	1-9-76
S-614-17A	OVERHEAD SIGNS, INSTRUCTIONS AND EXAMPLES		4-10-73
S-614-18A	TYPICAL POLE MOUNT SIGN INSTALLATION		1-14-71
S-614-19B	TYPICAL GROUND SIGN PLACEMENT		11-17-71
S-614-20B	CLASS I GROUND SIGN INSTALLATIONS		11-2-73
S-614-21B	CLASS II GROUND SIGN INSTALLATIONS		12-2-69
S-614-22C	TYPICAL MARKER ASSEMBLY INSTALLATIONS		6-16-71
S-614-26C	BREAK-AWAY SIGN SUPPORT DETAILS FOR GROUND SIGNS	(2 SHEETS)	5-2-74
S-614-27C	CONCRETE, FOOTINGS AND SIGN ISLANDS FOR CLASS III SIGNS	(2 SHEETS)	9-24-75
S-614-28B	FLASHING YELLOW BEACON AND SIGN INSTALLATION	(2 SHEETS)	9-5-69
S-614-31C	U. S. AND COLORADO ROUTE MARKERS		11-16-71
S-614-32B	AUXILIARY MARKERS		11-16-71
S-614-35A	TYPICAL MULTI-SIGN INSTALLATIONS		11-17-71
S-614-38A	MEDIAN BARRIER SIGN POST INSTALLATIONS		5-8-73
S-614-39A	TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION	(4 SHEETS)	5-17-77
S-614-49A	ALTERNATE SIGN POST MATERIALS		4-12-73
S-614-52A	BARRICADES, DRUMS AND VERTICAL PANEL CHANNELIZING DEVICES		12-4-74
S-627-1A	TYPICAL PAVEMENT MARKINGS	(2 SHEETS)	10-28-77

TABULATION OF LENGTH & DESIGN DATA

STATION	LIN. FT. No Work	LIN. FT. Roadway
494+75.6 Begin FC034-2(6)		
560+39.1 Begin No Work Section	921.8	6563.5
569+60.9 End No Work Section		
596+00.0 End FC034-2(6)		2639.1
TOTALS	921.8	9202.6

SUMMARY	Lin.Ft.	Miles
FC034-2(6) Net Length	9202.6	1.743
No Work Section	921.8	0.175
FC034-2(6) Gross Length	10,124.4 ✓	1.918 ✓

DESIGN DATA	
Maximum Degree of Curve	1° 00'
Maximum Grade	3.00%
Minimum S.S.D. Horizontal	> 900'
Minimum S.S.D. Vertical	835'
Maximum Design Speed	70 M.P.H.
1997 Design Traffic Volume	ADT 12,100 / DDHV 1330



INDEX ~~OF SHEETS~~

SHEET NO.	
1	TITLE PAGE, SKETCH MAP, TABULATION OF LENGTH AND DESIGN DATA
2	TYPICAL SECTION, GENERAL NOTES
3 - 4	SUMMARY OF APPROXIMATE QUANTITIES
5	STRUCTURE QUANTITIES
6	SURFACING PLAN
7	TABULATION OF BITUMINOUS CURB, TOPSOIL AND GUARD RAIL
8	TABULATION OF DELINEATORS, SUMMARY OF EARTHWORK QUANTITIES
9	DETAILS OF INLET AND CURB ALIGNMENT AT GUARD RAIL FLARES
10	DETAIL OF GUARD RAIL TYPE 4 SPECIAL, AND CONNECTION BETWEEN TYPE 3 AND 4 GUARD RAIL
11 - 14	TYPICAL DELINEATOR INSTALLATIONS
15	CONCRETE PAVEMENT JOINTS
16	DETAIL OF GORE AREA BETWEEN "C" AND "I" RAMP AND SEEDING REQUIREMENTS
17	DETAILS OF GLARE SCREEN
18 - 19	APPROACH SLAB DETAILS
20	GUARD RAIL CONNECTION DETAILS
21	ALIGNMENT DETAILS SH 34 AND SH 85 INTERCHANGE
22 - 23	PROFILES "D" LINE, "I" LINE, "E" LINE AND "C" LINE
24	TEMPORARY CONNECTION DETAIL
25	DETAIL OF SH 34 AND SH 85 INTERCHANGE, ~~LIGHTING PLAN~~ 25A LIGHTING PLANS
26 - 30	PLAN AND PROFILE SHEETS
31 - 57	SIGNING PLANS
58 - 76	UNCLASSIFIED EXCAVATION - "E" LINE

"M" STANDARDS

M-100-A	STANDARD SYMBOLS		5-11-73
M-203-SD	SUPERELEVATION OF CURVES-DIVIDED HIGHWAYS		1-6-77
M-206-AB	EXCAVATION AND BACKFILL FOR STRUCTURES	(3 SHEETS)	4-16-76
M-603-CA	CONCRETE AND METAL END SECTIONS		8-29-77
M-603-MA	METAL CULVERT PIPE - H-20 LOADING		8-20-75
M-603-RC	REINFORCED CONCRETE PIPE		7-13-76
M-606-AB	GUARD RAIL, TYPE 3	(4 SHEETS)	6-8-76
M-606-B	GUARD RAIL, TYPE 5, STEEL BARRIER, BOX BEAM	(3 SHEETS)	7-27-76
M-606-D	GUARD RAIL, TYPE 4, MEDIAN BARRIER - CONCRETE		1-31-75
M-607-A	WIRE FENCE AND GATES	(2 SHEETS)	10-15-75
M-609-A	CURBS AND GUTTERS		11-29-75
M-613-AA	HIGHWAY LIGHTING		4-9-71

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

DIVISION OF HIGHWAYS

APPROVED
E. W. Hause by R. E. Johnson 9-20-77
CHIEF ENGINEER DATE

AS CONSTRUCTED INFORMATION

CONTRACTOR FLATIRON PAVING COMPANY OF COLORADO
RESIDENT ENGINEER L. L. DUNCAN
(Project or Resident)
PROJECT ENGINEER LLOYD JOHNSON
PROJECT STARTED FEBRUARY 2, 1979
PROJECT COMPLETED FEBRUARY 2, 1979
AS CONSTRUCTED PLANS APPROVED John E. Peterson
Dist. Const. Engr. 2/22/79
TITLE DATE

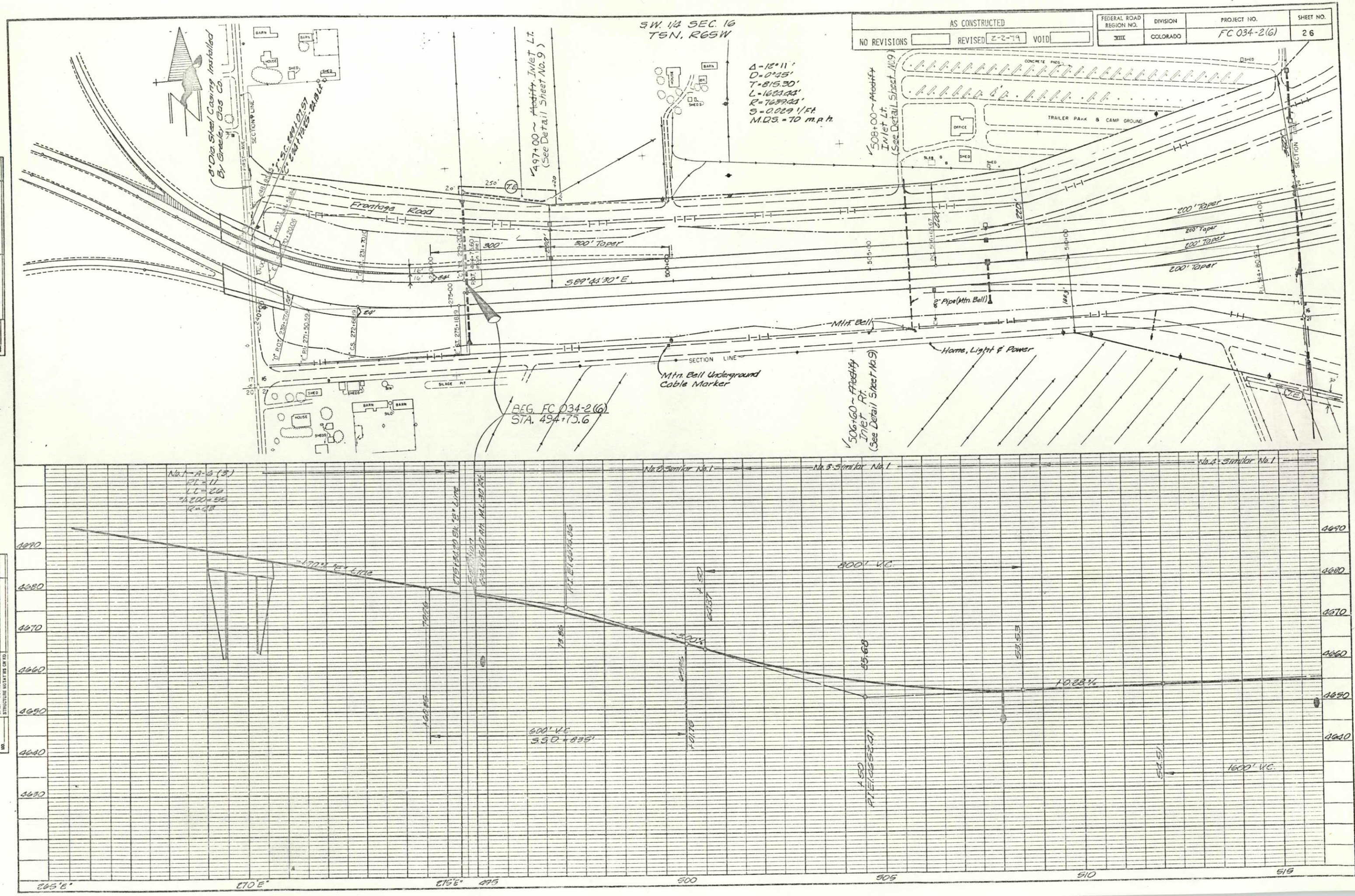
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED ____ DATE

DIVISION ADMINISTRATOR

M.E.V.

AS CONSTRUCTED				FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
NO REVISIONS		REVISED 2-2-79	VOID	VIII	COLORADO	FC 034-2(6)	26



PL. SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ RT. OF WAY CHECKED ___ NOTE BOOK ___ NO. ___ BY ___ DATE ___

PROFILE SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B. & K. NOTED ___ STRUCTURE NOTAT'NS OR RD. ___ NOTE BOOK ___ NO. ___ BY ___ DATE ___

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
XIII	COLORADO	FC 034-2(6)	27

AS CONSTRUCTED

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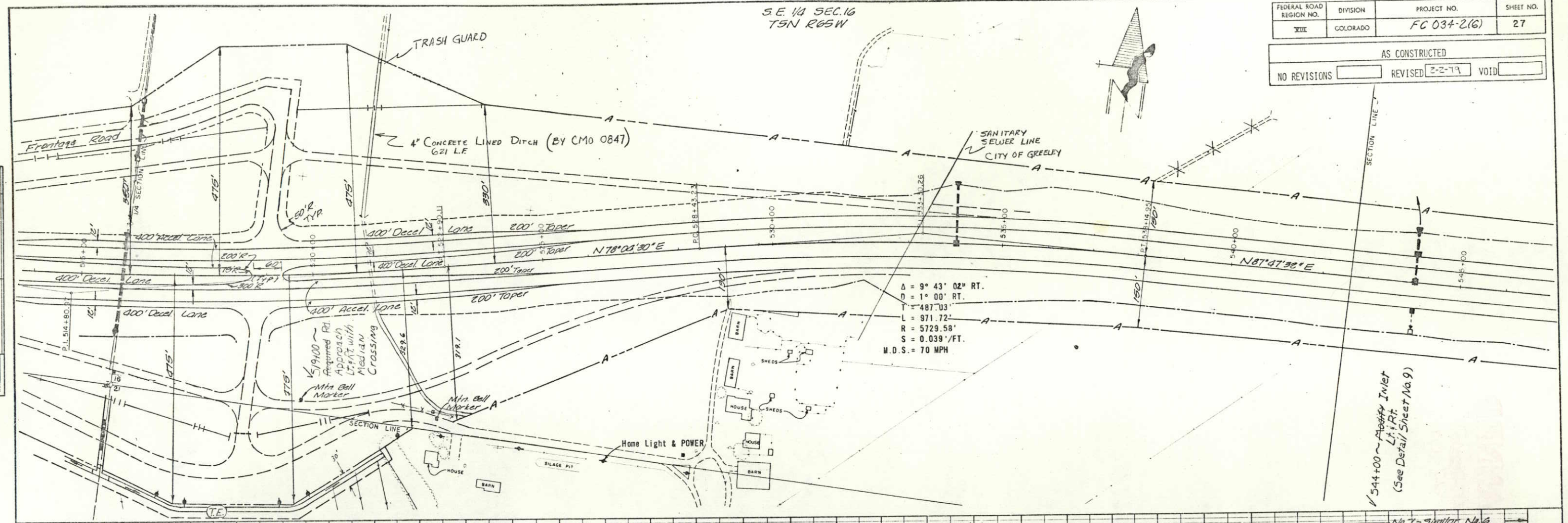

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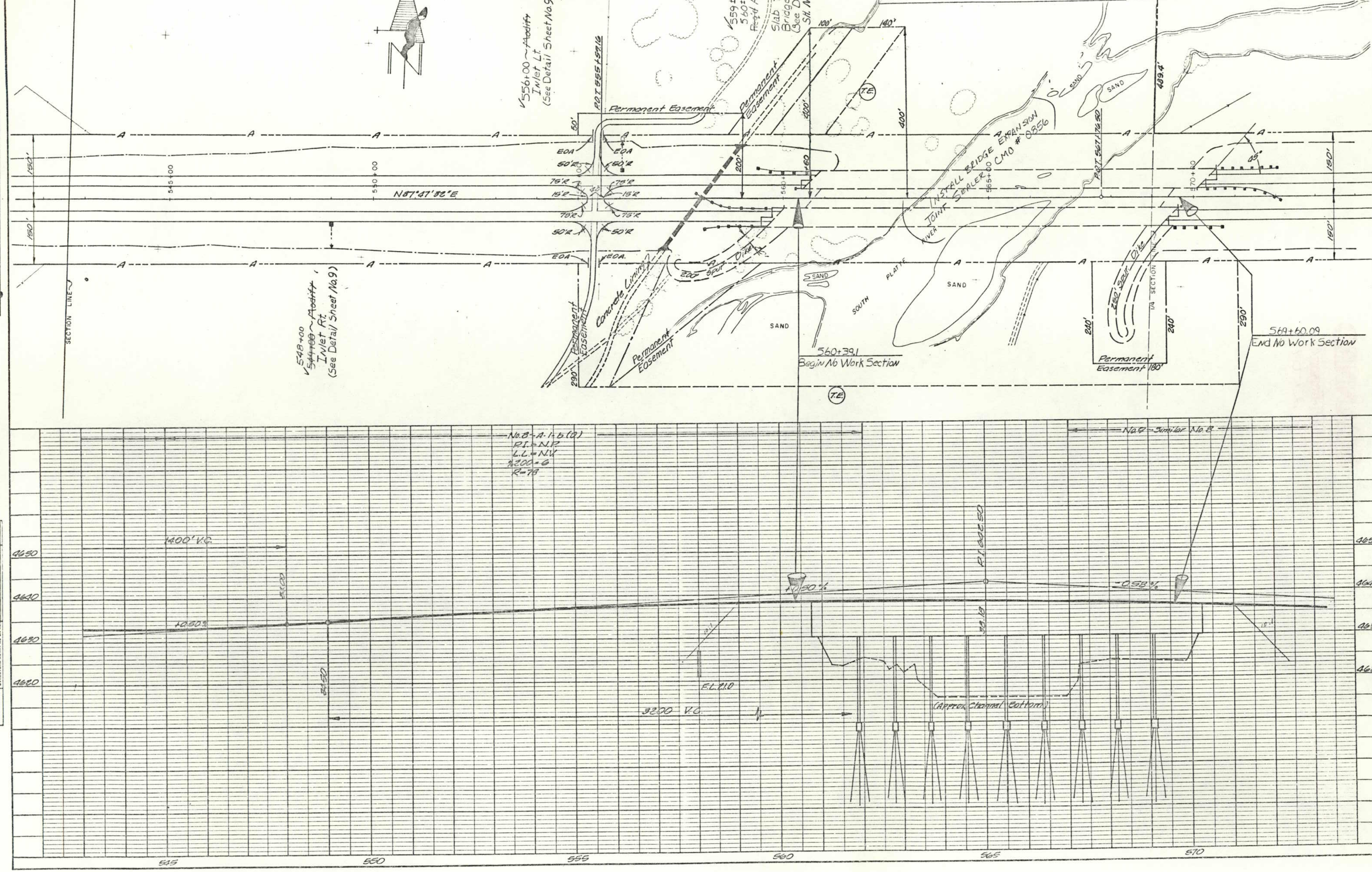
PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. ADDED, STRUCTURE NOTATIONS OK'D — BY — DATE

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	FC 034-2(6)	28

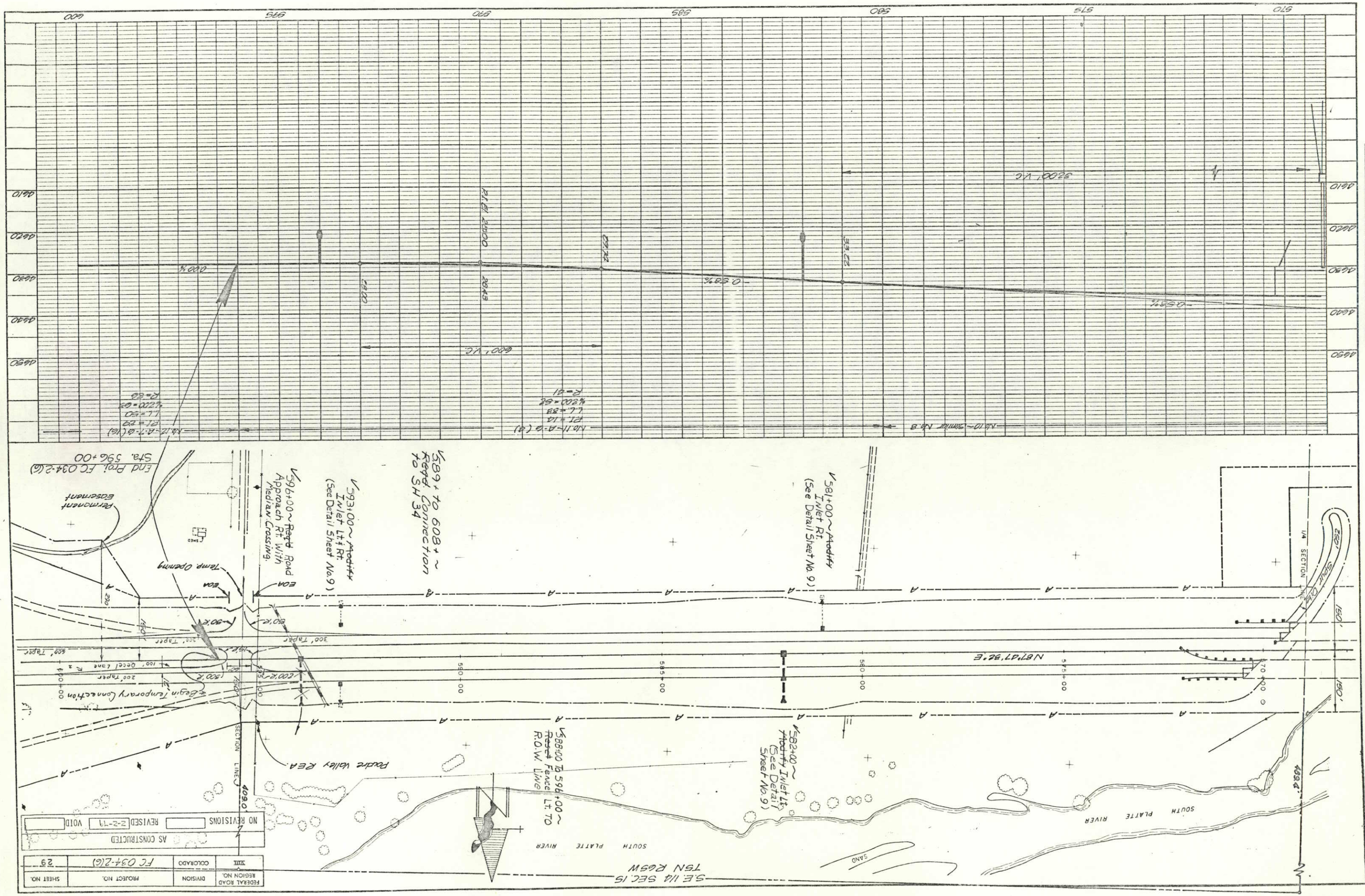
AS CONSTRUCTED

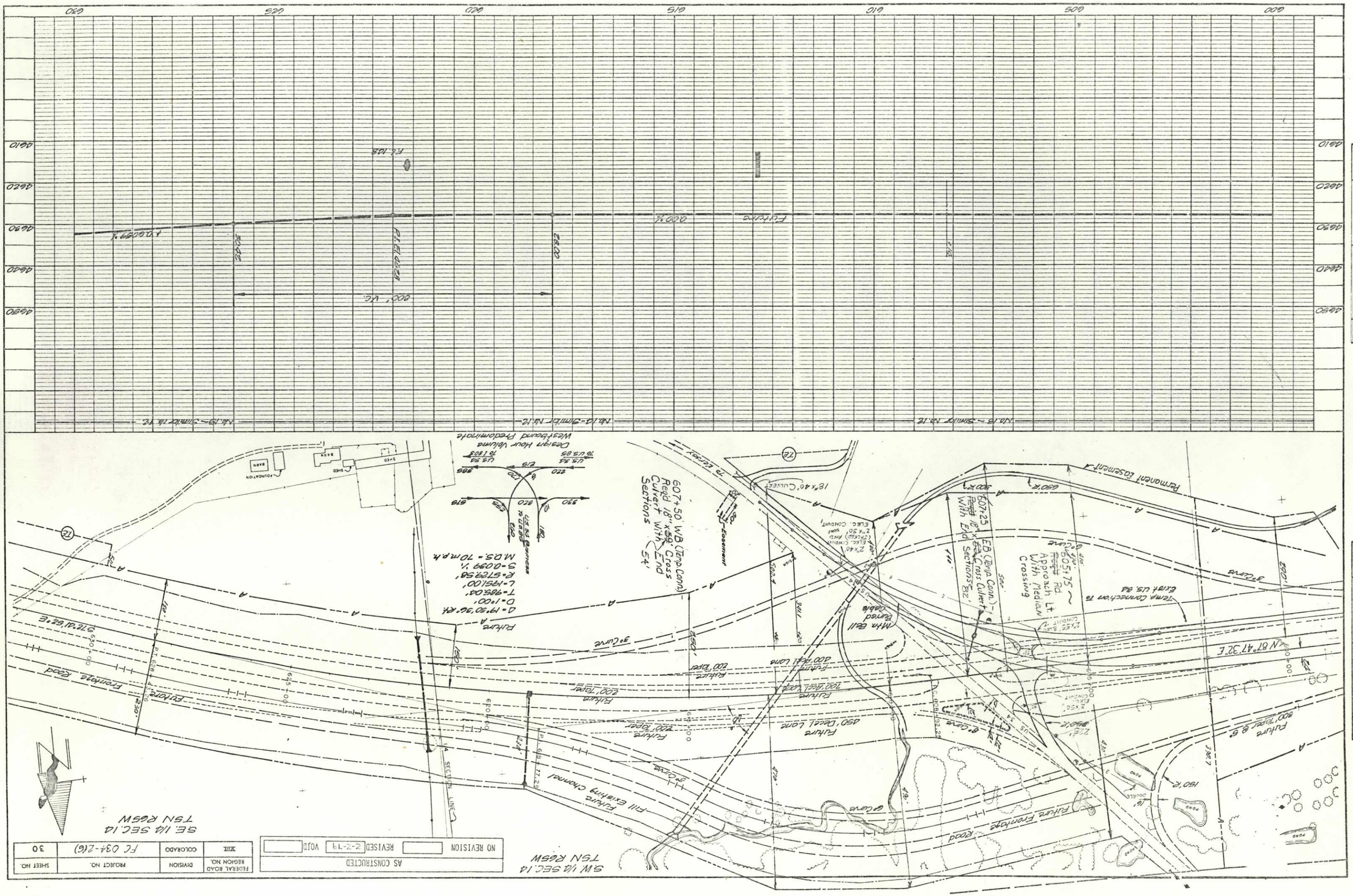
NO REVISIONS ☐ REVISED 2-2-79 VOID ☐



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

PROFILE			
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B. M.'s NOTED		
	STRUCTURE NOTAT'NS CH'KD		
		BY	DATE


PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE
NOTE BOOK
NO.
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
BKL OF MULT. CHECKED
BY
DATE
NOTE BOOK
NO.
SOUTH PLATTE RIVER
SAND
SE 1/4 SEC. 15
T5N R65W
N87°27'32"E
SECTION LINE
1/4 SECTION LINE
Spur Dike
Rocky Valley REA
Temporary Easement
End Proj. FC 034-2(6)
Sta. 596+00
Temp. Opening
EOA
Begin Temporary Connection
Approach Rt. With Median Crossing.
Inlet Lt. & Rt. (See Detail Sheet No. 9)
Inlet Rt. (See Detail Sheet No. 9)
Inlet Lt. (See Detail Sheet No. 9)
Reset Fence Lt. TO R.O.W. Line
Reset Road
Reset Connection to SH 34
NO REVISIONS
REVISED 2-2-71
VOID
AS CONSTRUCTED
FEDERAL ROAD REGION NO.
DIVISION
PROJECT NO.
SHEET NO.
VIII
COLORADO
FC 034-2(6)
29


PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
B. M. WRITTEN
STRUCTURE NOTATIONS CH'KD
NO REVISION
REVISED 2-2-79
VOID
AS CONSTRUCTED
FEDERAL ROAD REGION NO. VIII
DIVISION COLORADO
PROJECT NO. FC 034-2(6)
SHEET NO. 30
S.W. 1/4 SEC. 14 T5N R65W
S.E. 1/4 SEC. 14 T5N R65W
Permanent Easement
Temp. Connection to Exist. US 34
Future Frontage Road
Future Fill Existing Channel
Future 450' Deed Lane
Future 200' Deed Lane
Future 200' Taper
Future 100' Deed Lane
Future 400' Deed Lane
Future 200' Deed
Future 200' Taper
Future 90° Curve
Future 90° Curve
Future 90° Curve