

STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS - STATE OF COLORADO

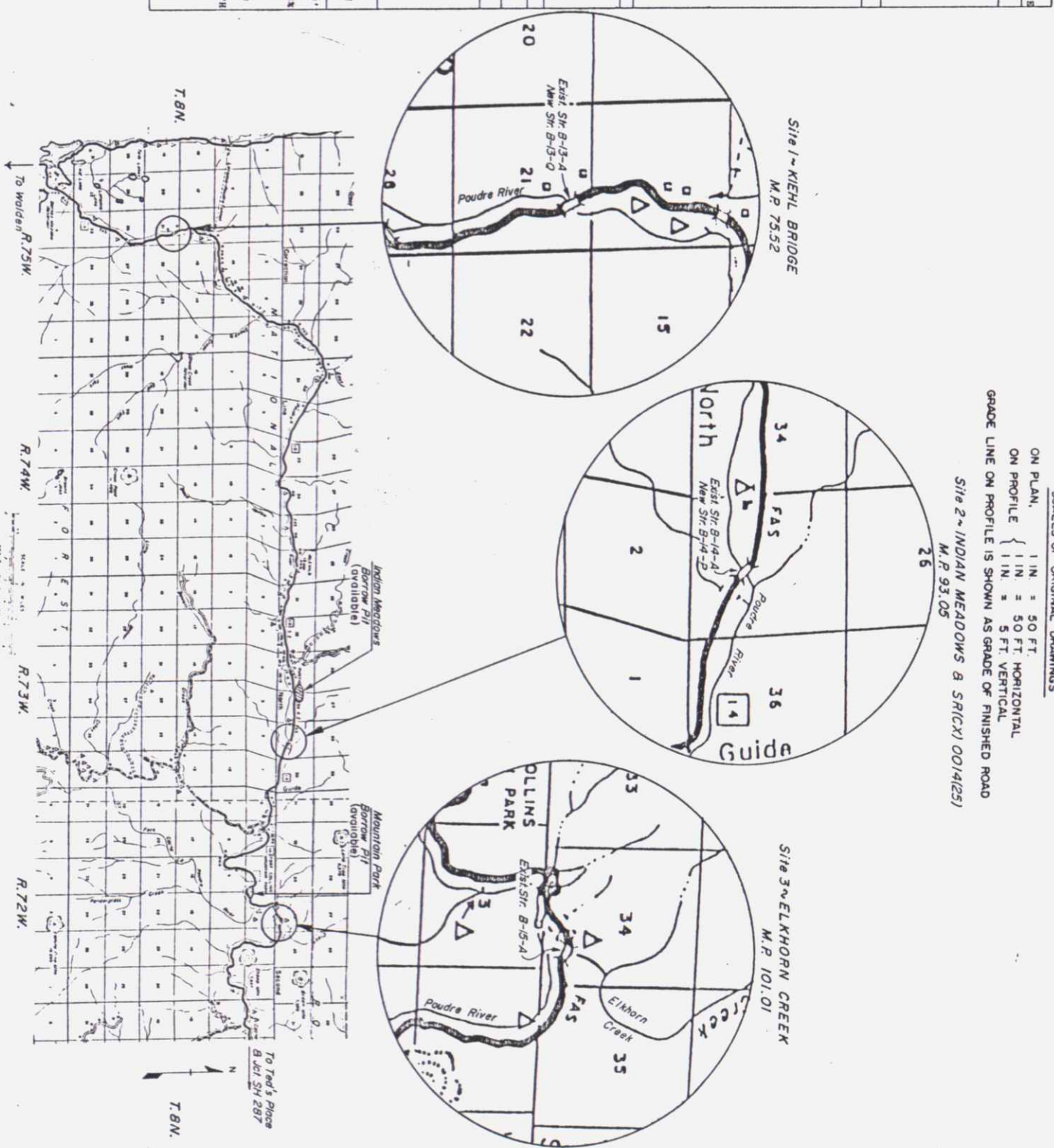
PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NOS. FLH 0014(26) & SR(CX) 0014 (25)
COMBINED STATE HIGHWAY NO. 14
LARIMER COUNTY

THIS PROJECT COMBINED WITH BRO 0006(5) FOR CONSTRUCTION

SCALES OF ORIGINAL DRAWINGS

ON PLAN, 1 IN. = 50 FT.
ON PROFILE, 1 IN. = 5 FT. HORIZONTAL
1 IN. = 5 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

LOCATION	ROADWAY STRUCTURE	LIN. FT.	MAJOR STRUCTURE	LIN. FT.
98+00 - BEGIN FLH 0014(26) SITE 1 - KIEHL BRIDGE M.P. 75.457		336.31		
101+36.31 MAJOR STRUCTURE B-13-Q		540.31		123.38
102+59.65 M.P. 75.616				
103+00 - END FLH 0014(26) SITE 1 - KIEHL BRIDGE M.P. 75.616		876.62		123.38
SITE TOTALS				
102+00 - BEGIN SR(CX) 0014(25) M.P. 92.723		300.00		
105+00 - END SR(CX) 0014(25) = M.P. 92.782		172.08		145.16
106+72.08 MAJOR STRUCTURE B-14-P				
108+17.24 M.P. 92.782				
123+22.16 BK+ 125+54.70 AH	ROUTATION	445.30		
131+00 - END FLH 0014(26) SITE 2 - INDIAN MEADOWS M.P. 93.274		300.00		
PROJECT TOTALS SR(CX) 0014(25)		2122.30		145.16
SITE TOTALS				
105+00 - BEGIN FLH 0014(26) SITE 3 - ELKHORN CREEK M.P. 100.959		600.00		
111+00 - END FLH 0014(26) SITE 3 - ELKHORN CREEK M.P. 101.073		600.00		
SITE TOTALS		600.00		
COMBINED PROJECT TOTALS		3898.92		268.54
SUMMARY				
NET LENGTH OF ROADWAY SR(CX) 0014(25)	LIN. FT.	MILES		
NET LENGTH OF ROADWAY FLH 0014(26)	3898.92	0.007		
NET LENGTH OF MAJOR STRUCTURES FLH 0014(26)	268.54	0.005		
TOTAL GROSS LENGTH SR(CX) 0014(25) & FLH 0014(26)	4167.46	0.789		
DESIGN DATA				
MAXIMUM DEGREE OF CURVE	SITE 1 KIEHL BRIDGE	SITE 2 INDIAN MEADOWS	SITE 3 ELKHORN CREEK	
MAXIMUM GRADE	4.00'	8.00'	16.00'	
MINIMUM S.S.D. HORIZONTAL	6.50%	2.3433%	4.233%	
MINIMUM S.S.D. VERTICAL	788	631	321	
MAXIMUM DESIGN SPEED	>1200	425	>1200	
2010 DESIGN TRAFFIC VOLUMES	45 MPH	40 MPH	30 MPH	
	310 DOT	363 DOT	429 DOT	
	940 TRUCKS	1100 TRUCKS	1300 TRUCKS	



SHEET NO.	INDEX OF SHEETS
1	TITLE SHEET
2	STANDARD PLANS LIST
3	TYPICAL SECTIONS, GENERAL NOTES
4-5	SUMMARY OF APPROXIMATE QUANTITIES
6	STRUCTURE QUANTITIES
7	SEEDING REQUIREMENTS, WETLAND SEEDING REQUIREMENTS, SUMMARY OF EARTHWORK QUANTITIES, TABULATION OF
8	DETAILS OF TURNAROUNDS & PARKING AREAS, OBSTRUCTION OF
9	RAILROAD, TABULATION OF DELINEATORS, TABULATION OF GUARD
10-25	DETAILS OF ROAD, STABILIZATION OF FENCE, DETAIL OF FENCE
26-39	BARBED WIRE WITH TYPICAL WOODEN POSTS SPECIAL
40-43	BRIDGE PLANS, STRUCTURE B-14-P
44	DETAILS OF C&C, ELKHORN CREEK
45	INDIAN MEADOWS BORROW PIT (AVAILABLE SOURCE)
46	MOUNTAIN PARK BORROW PIT (AVAILABLE SOURCE)
47	LANDSCAPE, WETLAND AND EROSION CONTROL TABULATIONS
48	LANDSCAPE AND WETLAND DETAILS
49	PLAN SHEET, SITE 1
50-52	PROFILE SHEET, SITE 1
53	PROFILE SHEET, SITE 2
54	PROFILE SHEET, SITE 3
55	TABULATION OF SIGNING, CONSTRUCTION SIGNING
56-57	(TYPICAL) SCHEDULE OF CONSTRUCTION TRAFFIC CONTROL DEVICES

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

NOTE:
WORK IN SITE 2 FROM STA. 102 + 00 TO
STA. 105 + 00 IS NOT ELIGIBLE FOR
FLH FUNDS. THE COST FOR THIS WORK SHALL
BE CHARGED TO SR(CX) 0014 (26)

NOTE:
WORK AT ELKHORN AFTER 5-1-90
NOT ELIGIBLE FOR FLH FUNDS.
ITEMS TRANSFERRED TO SR(CX) 0014(25).

AS CONSTRUCTED INFORMATION

CONTRACTOR Stewart Construction Co.
PROJECT ENGINEER Patte Garrison
(Project or Resident)
PROJECT STARTED April 4 1990
PROJECT COMPLETED Sept 20 1991
AS CONSTRUCTED PLANS
APPROVED R. P. Boyd
DATE 11/21/91
TITLE G.R.R./DIST. 4

PROJECT NO.	DIVISION	PROJECT NO.	SHEET NO.
0014(26)	COLORADO	FLH 0014(26)	1/57
0014(25)		SR(CX) 0014(25)	

NO REVISIONS REVISED VOID

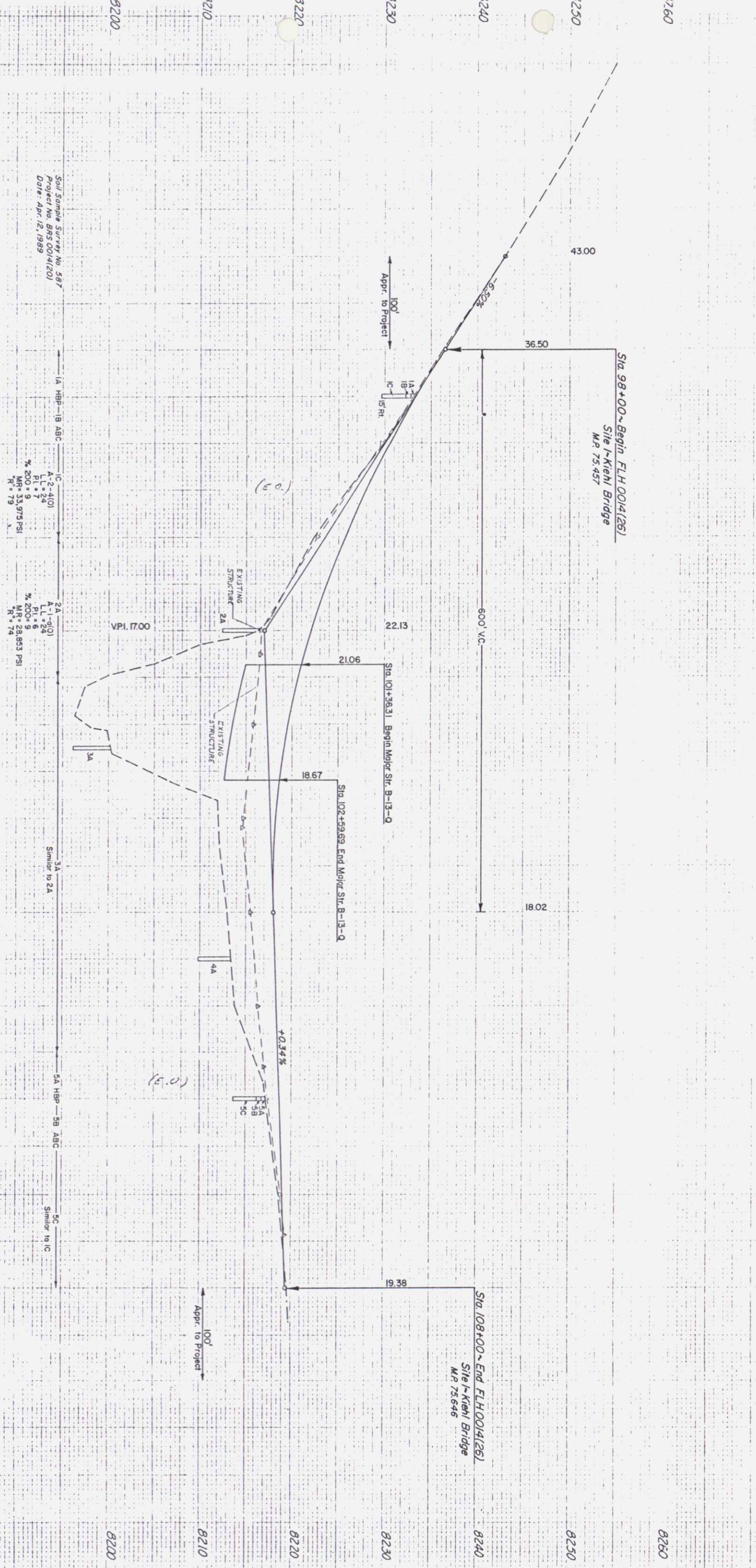
AS CONSTRUCTED

REVISIONS	DATE	BY
R-1	2-22-90	SHEETS 1, 4, 30, 32 & 33
		G.R.R.

AS CONSTRUCTED	NO REVISIONS	7-20-91	REVISED	VOID
FEDERAL ROAD REGION NO. XIII	DIVISION	CONTRACT	PROJECT NO.	SHEET NO.
			FLH 0014(26)	49
				57

Site 1/4 Kiehl Bridge

PROFILE
 Orig. Scale: 1" = 50' Horiz
 1" = 3' Vert.



Soil Sample Survey No. 587
 Project No. BR3 0014(20)
 Date: Apr. 12, 1989

95 96 97 98 99 100 101 102 PLATE 3 FULL CROSS SECTION CHARLES RIVER BRIDGE

8200

8210

8220

8230

8240

8250

8260

NO. REVISIONS	7-20-91	REVISED	VOID	
PROJECT	AS CONSTRUCTED			
REGION	1111	DIVISION	FLH 0014(26)	PROJ. NO.
COLOR.			52	SHEET NO.
				57

Site 2 ~ Indian Meadows

PLAN
Orig. Scale: 1" = 50'

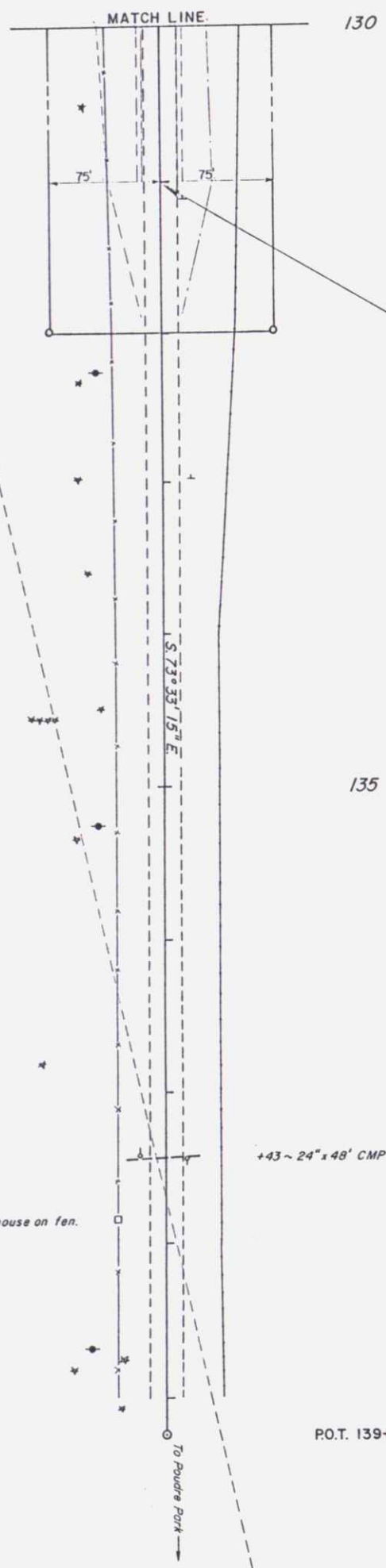


NW 1/4 SE 1/4 SEC. 35

NE 1/4 SE 1/4 SEC. 35

SW 1/4 SE 1/4 SEC. 35

SE 1/4 SE 1/4 SEC. 35



Sta. 131+00 - End FLH 0014(26)
Site 2 - Indian Meadows
MP 93.274

Sta. 131+00 to 132+00
Req'd. Approach to Project

B.M. 7 ~ 7004.80
Rebar Lt. 135+

AS CONSTRUCTED		FEDERAL ROAD DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
NO REVISIONS	7-20-11 REVISED	III	FLH 0014(26)	53	57
		COROAD	SR(CX)0014(25)		

Site 2 ~ Indian Meadows

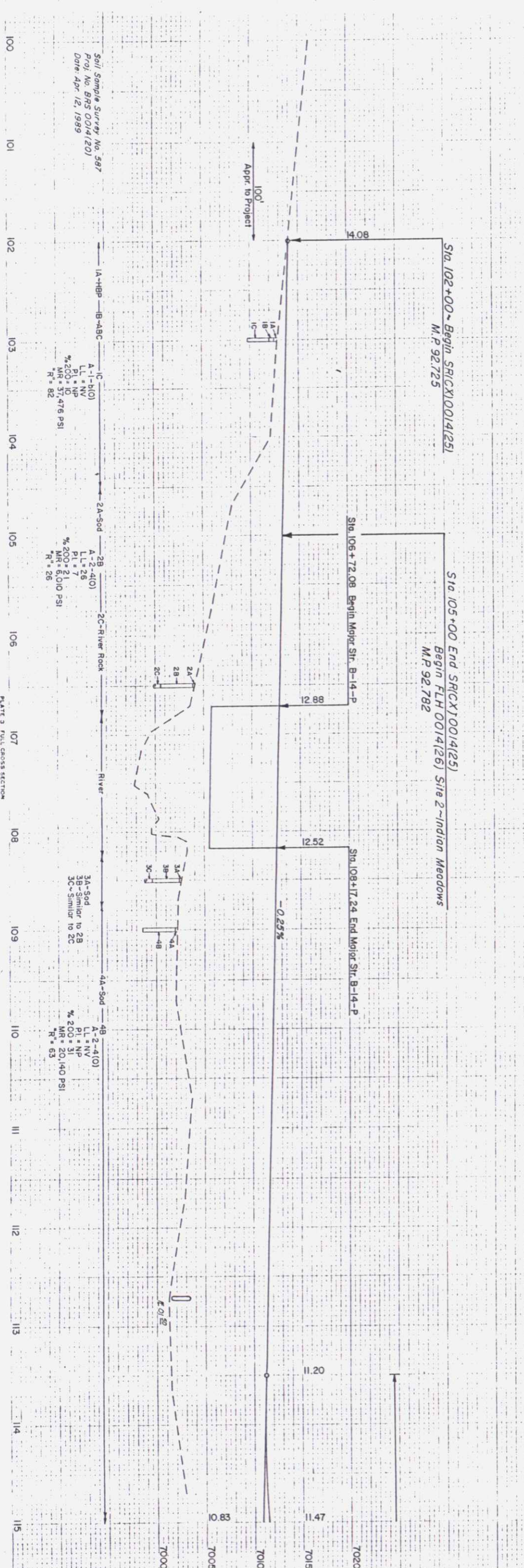
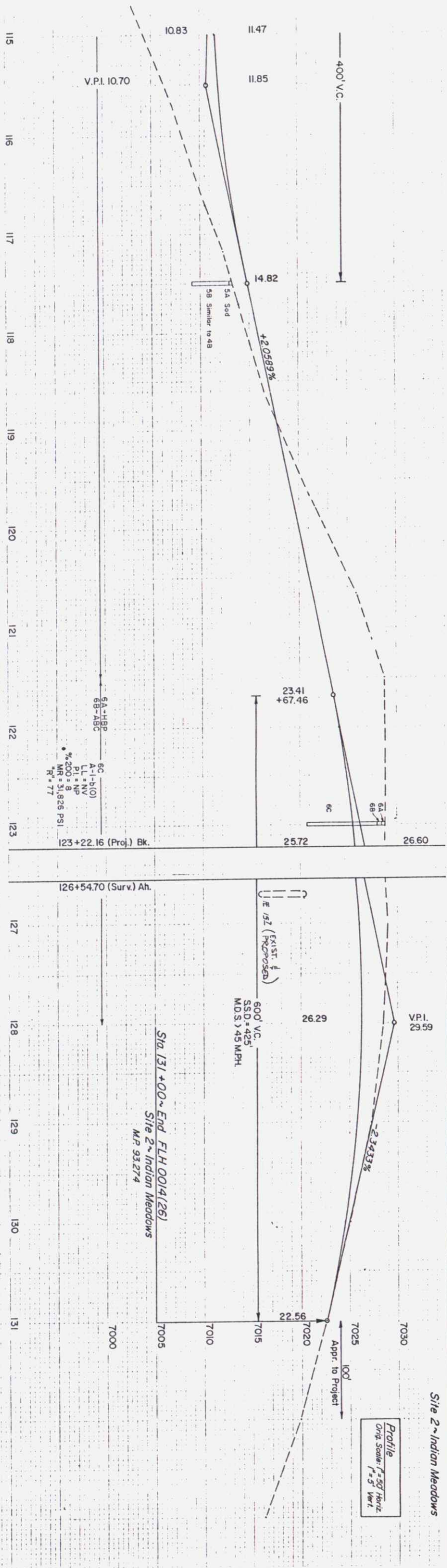
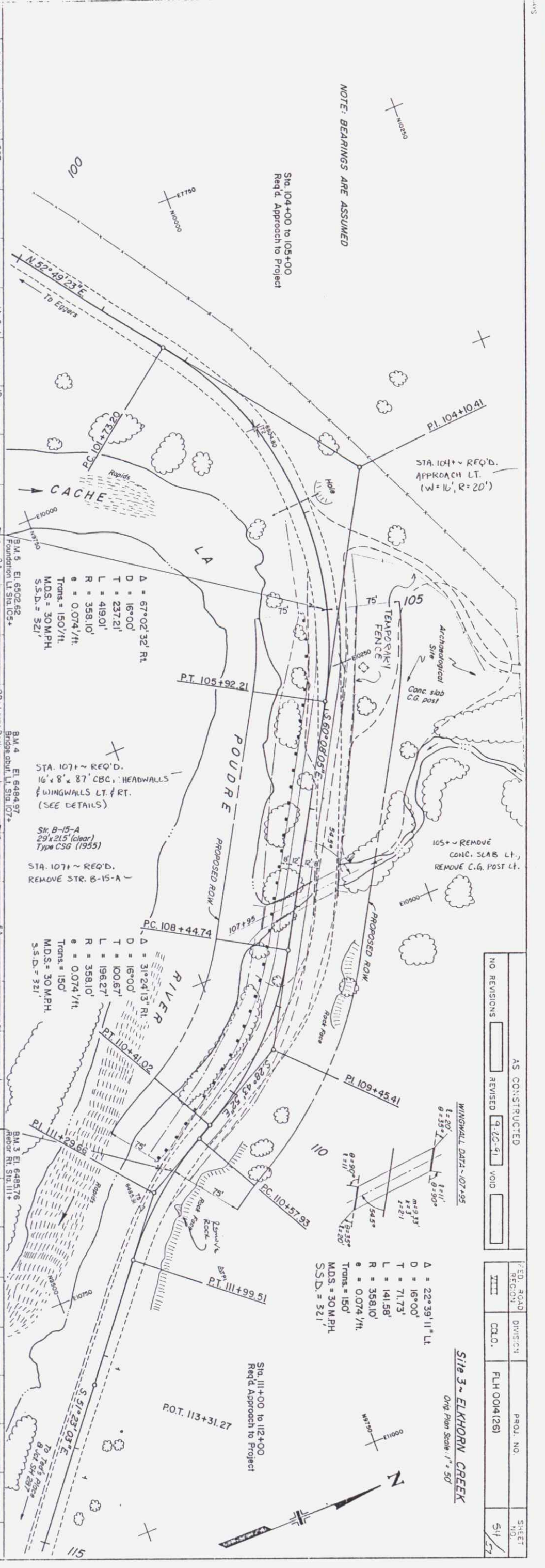
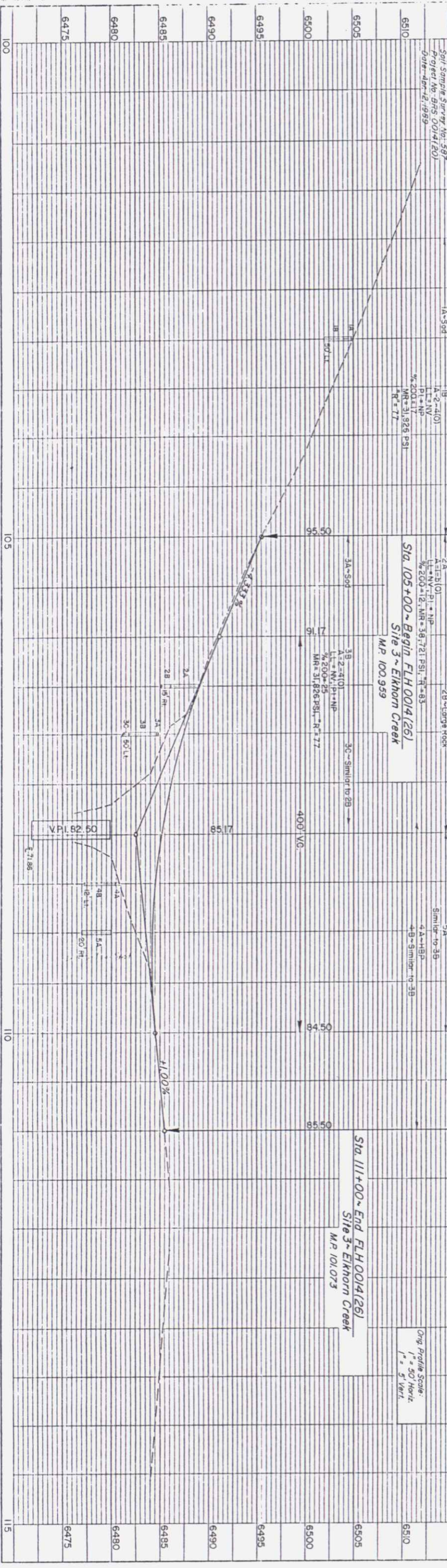


PLATE 3 FULL CROSS SECTION

PLAN	DATE	BY
NO. 100	11/15/99	[Signature]

PROFILE	DATE	BY
NO. 100	11/15/99	[Signature]



FED. ROAD REG. NO. VIII	DIVISION COLO.	PROJ. NO. FLH 004(26)	SHEET NO. 54
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Site 3 ~ ELKHORN CREEK
 Orig. Plan Scale: 1" = 50'

Orig. Profile Scale:
 1" = 50' Horiz.
 1" = 5' Vert.