

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	COLD.	78-R	1	1

INDEX OF SHEETS

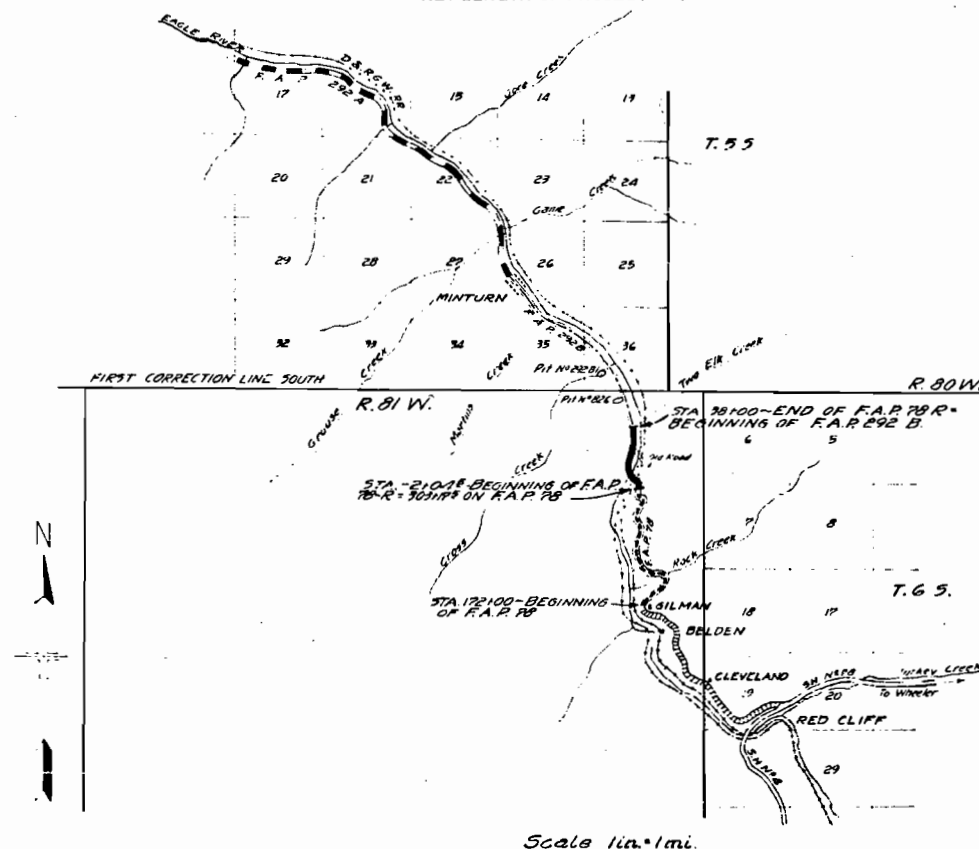
Sheet No.	Title
1	Title Sheet
2	Typical Section and Details
3-4	Details of Overhead Crossing 21st St. & Bridge at Sta 111
5	Standard Details for C.M.P. Closures
6	Standard Details for C.M.P. Closures
7	Standard Details for C.M.P. Closures
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11-12	Plan and Profile
13-23	Cross Sections

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 78-R STATE HIGHWAY NO. 4 EAGLE COUNTY.

CONVENTIONAL SIGNS

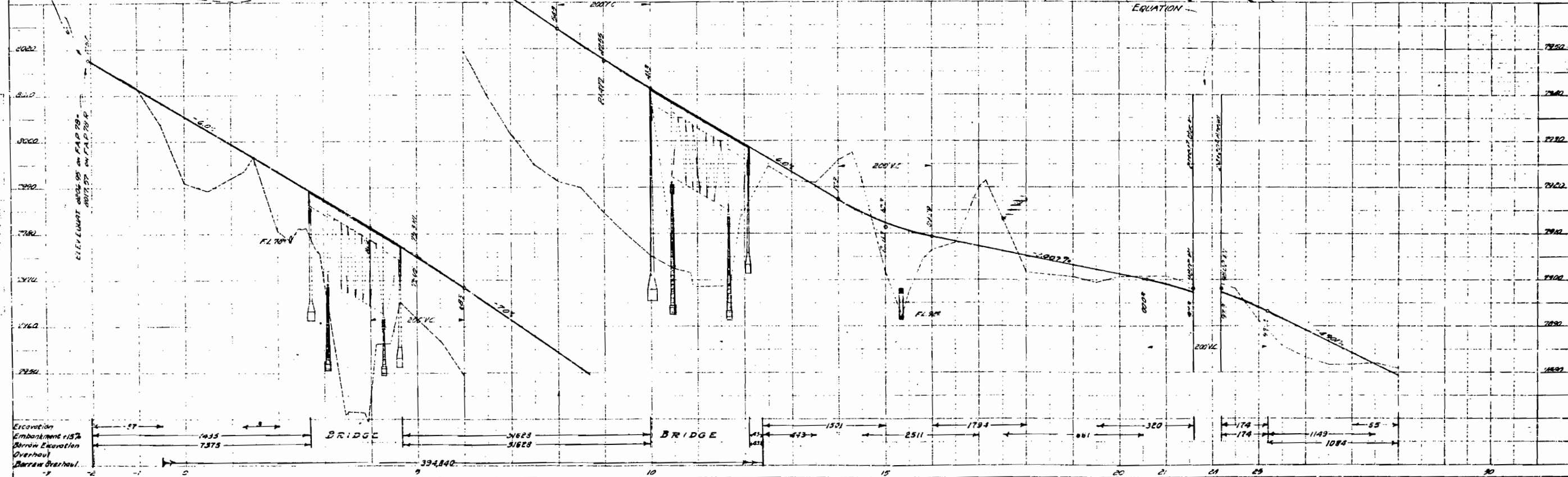
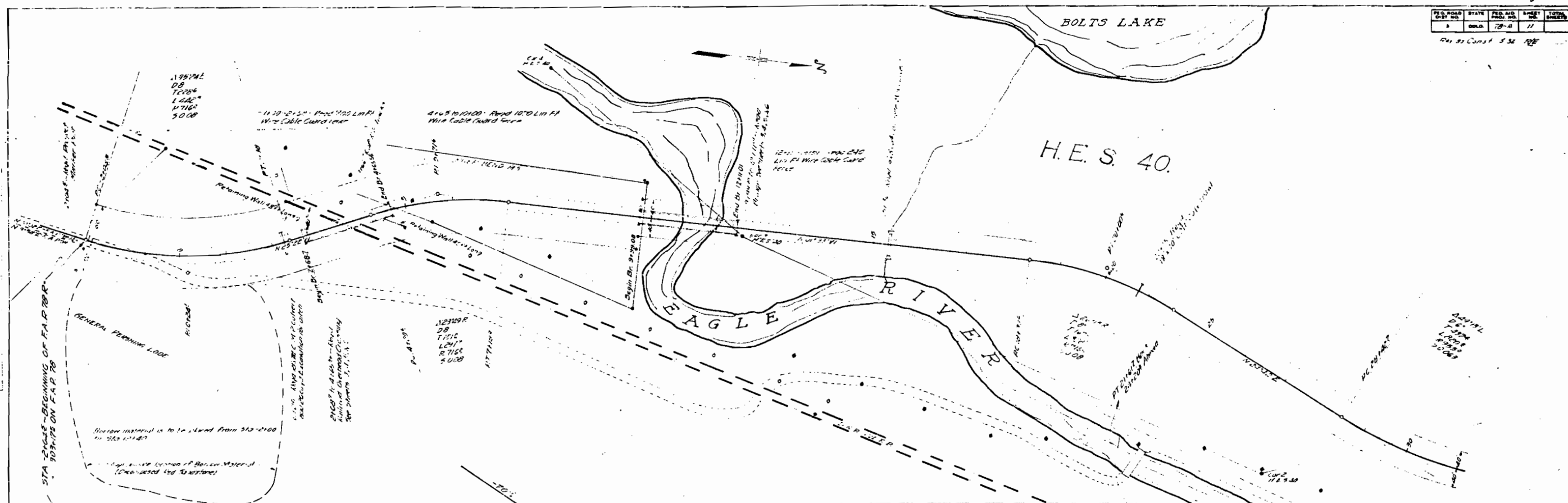
Center Line	—
State Boundary	—
Right of Way Line	—
Fence	—

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 OF FINISHED ROAD
GROSS LENGTH OF PROJECT } 3746 FT. = 0.709 MI.
NET LENGTH OF PROJECT }



Scale 1 in. = 1 mi.

RECOMMENDED FOR APPROVAL
1/2/59
Assistant Engineer
APPROVED
State Highway Engineer
RECOMMENDED FOR APPROVAL
DIST. ENG. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENG. BUREAU PUBLIC ROADS
APPROVED
DIRECTOR BUREAU PUBLIC ROADS



R.O.W. MARKERS

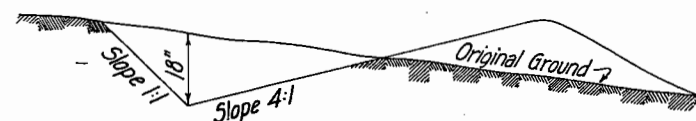
STATION	SIDE	NO.
157+00	R	1
158+45 ¹ Bk	L	1
160+00	R	1
163+00	L	1
164+00	R	1
168+55 ¹	R	1
170+00	L	1
172+80 ¹	R&L	2
178+00	R	1
184+58 ¹	R&L	2
190+00	R&L	2
191+98 ¹	R	1
195+00	L	1
197+10 ¹ Bk	L	1
197+00 Ah	R	1
201+11 ¹ Bk	L	1
203+00 Bk	R	1
204+00 Bk	R	1
207+57 ¹ Bk	L	1
208+00 Bk	R	1
211+74 ¹ Bk	R	1
212+00 Bk	L	1
214+12 ¹ Bk	R&L	2
216+14 ¹ Bk	R&L	2
200+86 ¹ Ah	L	1
204+31 ¹ Ah	R	1
205+79 Ah	R	1
206+89 ¹ Ah	L	1
212+00 Ah	L	1
214+00 Ah	R	1
219+00	L	1
220+76 ¹	R	1
224+52 ¹	R&L	2
227+97 ¹	L	1
229+00	R	1
232+00	R	1
233+03 ¹	L	1
236+89 ¹	R&L	2
242+21 ¹ Bk	L	1
241+70	R	1
245+00	L	1
248+00	L	1
250+00	L	1
251+51	L	1
253+50	R	1
257+19 ¹	R&L	2
262+00	R	1
272+07 ¹	L	1
275+00	R	1
277+10 ¹ Bk	L	1
279+00	R	1
282+00	R	2
284+22 ¹	R	1
300+50	R&L	2
266+83	L	1
266+96	R	1
202+830 Bk	L	1
205+720 Bk	L	1
202+84 Ah	L	1
207+82 Ah	R	1
224+45	L	1
224+80	R	1
247+48	L	1
275+78	R	1
TOTAL		74

TIMBER GUARD POSTS

STATION	SIDE	NO.
159+05	L	1
164+75	L	1
169+05	L	1
174+10	L	1
174+20 - 182+00	R	40
177+55	L	1
181+05	L	1
185+05	L	1
197+65 Bk 199+65 Bk	R	11
198+35 Bk	L	1
203+65 Bk	L	1
204+75 Bk	L	1
208+35 Bk	L	1
212+45 Bk	L	1
213+55 Bk	L	1
215+85 Bk	L	1
203+05 Ah	L	1
218+20	L	1
220+55	L	1
224+32	L	1
228+05	L	1
232+05	L	1
235+00	L	1
235+20 - 237+00	R	10
239+13	L	1
242+55	L	1
246+75	L	1
250+05	L	1
259+55	L	1
260+70 - 261+50	R	5
263+05	L	1
267+55	L	1
270+80	L	1
273+55	L	1
277+05 Bk	L	1
279+40 - 284+60	R	27
282+13	L	1
288+05	L	1
293+00 - 298+20	R	27
294+40 - 295+40	L	6
299+05	L	1
280+50 - 281+20	R-Appr.	8
TOTAL		168

20' C.-C.

TYPICAL CROSS SECTION OF INTERCEPTING DITCH



WIRE CABLE GUARD FENCE

STATION	SIDE	LIN. FT.
157+67 - 161+83 ¹	R	408
163+25 - 174+05	R	1080
183+25 - 189+25	R	600
192+75 - 197+46 ¹	R	552
194+00 - 195+36	L	136
200+75 Bk - 206+27 Bk	R	552
206+41 Bk - 208+25 Bk	R	184
212+50 Bk - 208+85 Ah	R	1496
210+24 Ah - 214+00 Ah	R	376
218+00 - 220+00	R	200
221+50 - 222+22	R	72
223+15 - 224+19	R	104
225+25 - 229+33	R	408
229+75 - 231+75	R	200
233+00 - 235+00	R	200
237+20 - 238+72	R	152
241+55 ¹ - 251+89	R	1039
251+50 - 252+07	L	95
257+00 - 260+51	R	351
261+80 - 263+00	R	120
264+00 - 277+82 ¹	R	1400
TOTAL		9725

SURFACING PLAN

MATERIAL TO BE PLACED	APPROX. QUANT.	EST. OVERHAUL	SOURCE OF MATERIAL
STA. TO STA.	TONS	TON MILES	
ROADWAY			
154+00 - 252+07	6000	4720	
256+84 - 281+00	1250	720	
281+00 - 300+50	1000	530	
154+00 - 252+07 (Widening Curves)	760	520	
TOTAL	9010	6490	
APPROACHES			
214+95 Bk. 200+30 Ah. Lt.	100	110	
206+ Bk - 215+ Bk Lt.	500	470	
251+25 - 252+07 Lt.	100	F.H.	
274+61 - 284+06 Rt.	600	180	
284+ & 298+	30	20	
TOTAL	1430	780	
ONE-WAY DETOUR TO RED-CLIFF			
0+00 ~ 6+70 (Pt #4) Red Cliff	250	F.H.	
Pt. #28 (Sta. 9+08 ¹) ~ Pt #4 (Sta 6+70)	2200	200	
TOTAL	2450	200	
PROJECT TOTAL	12890	7470	

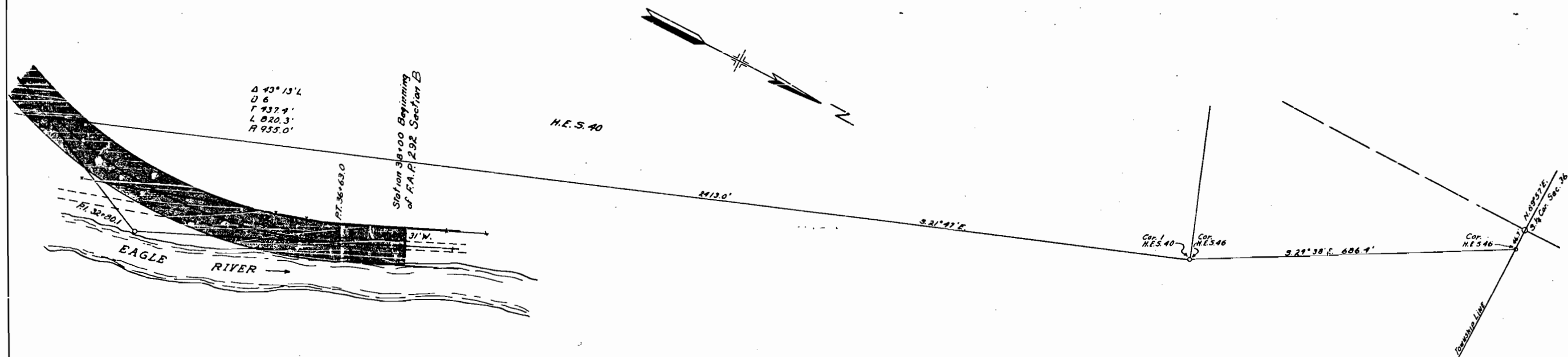
SELECTED MATERIAL

Note: It is estimated 6" of Selected Material will be required for topping the subgrade, as shown on the Typical Cross Section, thruout the entire Project. Selected Material shall be placed at the approximate rate of 60 cu yds. per 100 lin ft of Roadway, and is to be classified and paid for as "Unclassified Excavation". Sources of Selected Material may be changed by the Engineer during construction to fit construction developments. Estimated Sources of this material and quantities involved are shown below.

MATERIAL TO BE PLACED	APPROX. QUANT.	EST. OVERHAUL	SOURCE OF MATERIAL
STA. TO STA.	CU. YDS.	STA. YDS.	YD. MILES
ROADWAY			
154+00 - 179+00	1600	17,600	1410
179+00 - 209+00 Ah	3200	33,220	480
209+00 Ah - 252+07	3000	33,000	1920
256+84 - 300+50	2620	28,820	3290
APPROACH			
274+00 - 284+00	800	8800	880
TOTAL	11,220	121,440	7980

* Quantity includes Selected Material for widening on Curves.

COLORADO STATE HIGHWAY DEPT
FEDERAL AID PROJECT NO. 78-R
RIGHT OF WAY MAP NO. 2A



WIRE ZINC CO.

Conveys all of the land situated within the Right-Of-Way said Right-of-Way extending 40 feet on each side of the center line of the Highway except where noted. The said highway is located on the properties of the EMPIRE ZINC CO. in T.66N.R.81E.W. of the 6th P.M. more particularly described as follows:-

The following description is tied to the H.E.S.No.40 which is tied to the S.E. Cor. of Sec.36 as shown on the Map.

Beginning at Sta.2+04.5 with the R.O.W.'80' to the left and 70' to the right of the center line thence with a8 curve to the left for 442.5', thence S.25°22'W. for 182.2', thence with a 8' curve to the right for 297.7', thence N.01°35'W. for 282.1' to Sta.10+00, thence S.85°15'W. to the right and left of the center line, thence W.01°35'W. for 833.6', thence with a 8' curve to the right for 328.1', thence N.24°42'E. for 422.5', thence with a 8' curve to the left for 820.3', thence N.24°31'W. for 137.0' to the Beginning of F.A.P. 292-5

Said R.O.W. contains 8.815 Acres of which, 0.830 Acres are contained in the R.O.W. of the Old Road and 0.526 Acres are contained in the D.A.R.G.W.R.R. R.O.W. as shown on the Map and 7.657 Acres are to be acquired.

SCALE 1"=100'