

SHEET

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COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

COMBINED { FEDERAL AID PROJECT NO. 25-C(1)
U.S.W.P. GRADE CROSSING PROJECT NO. W.P.G.H.
FEDERAL AID GRADE CROSSING PROJECT NO. F.A.G.H. } 25-B(1)
FEDERAL AID PROJECT NO. 292-A(2)

STATE HIGHWAY NO. 78 & NO. 4 EAGLE COUNTY

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY
RIGHT OF WAY LINES
TOWNSHIP OR RANGE LINES
SECTION LINES
QUARTER SECTION LINES

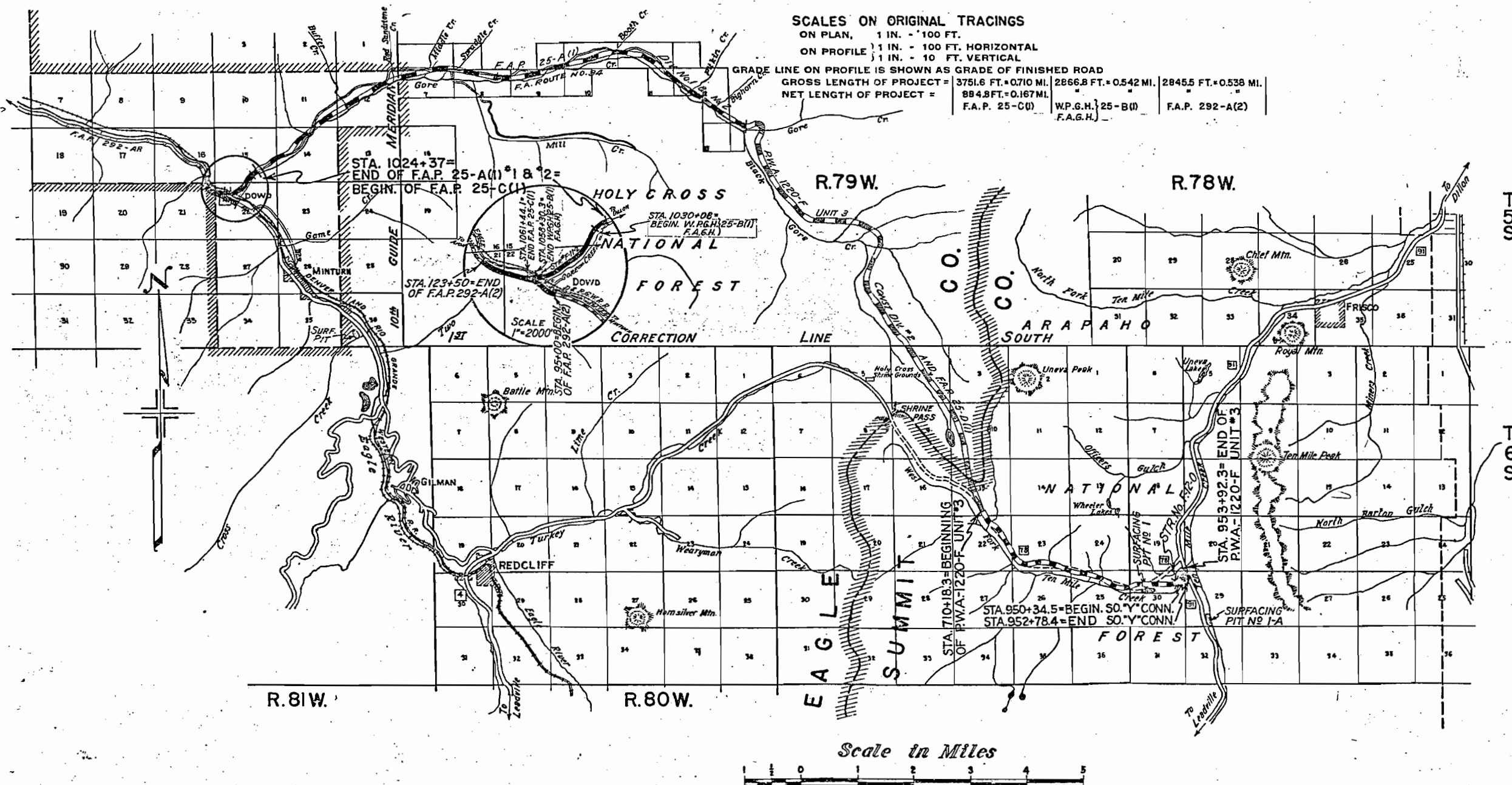
FED. ROAD DIST. NO.	STATE	COMBINED PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.A.P. 25-C(1) W.P.G.H. 25-B(1) F.A.P. 292-A(2)	1	

REV. 6/4/40 - PROJ. LENGTHS - NO. OF 292-A(2) - SURF. PIT. LOC. - REL. ROUTE NO.
REV. 6/15/40 - JMS - Changed Surf. Pit Loc.
REV. 7-30-40 - C.S.D. - Title

SCALES ON ORIGINAL TRACINGS

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 = 3751.6 FT. = 0.710 MI. 2866.8 FT. = 0.542 MI. 2845.5 FT. = 0.538 MI.
NET LENGTH OF PROJECT = 884.8 FT. = 0.167 MI.
F.A.P. 25-C(1) W.P.G.H. 25-B(1) F.A.P. 292-A(2)
F.A.G.H.



NOTE

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department:

H.L. Jenness, Div. Eng. Glenwood Springs
W.L. Sheehan, Res. Eng. Dowd, Colorado.

RECOMMENDED FOR APPROVAL

Assistant Engineer
DATE 5-10-40

APPROVED

Chief of Division
STATE HIGHWAY ENGINEER
DATE

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

CHIEF, WESTERN REGION
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

FED. ROAD DIST. NO.	STATE	COMBINED PROJ. NO.	SHEET NO.
3	COLO.	F.A.R. 25-C(1) W.P.G.H. 25-B(1) W.P.G.H. 25-B(1)	3

	LOCATION	SIDE	NO.
F.A.P. 25-C(1) ↓ W.P.G.H. 25-B(1)	1028 + 18.7	Lt.	1
	1032 + 00	Lt.	1
	1036 + 17	Lt.	1
	1037 + 65	Rt.	1
	1040 + 16	Lt.	1
	1050 + 50	Lt.	1
	1054 + 24	Lt.	1
	1054 + 46	Lt.	1
	1057 + 41	Rt.	1
	1057 + 98	Lt.	1
F.A.P. 292-A(3) ↓	95 + 00	Rt.&Lt.	2
	95 + 50	Rt.&Lt.	2
	97 + 64.6	Lt.	1
	99 + 38.7	Lt.	1
	102 + 88	Rt.	1
	106 + 95	Rt.	1
	114 + 00	Lt.	1
	114 + 58	Lt.	1
	115 + 00	Lt.	1
	115 + 14	Rt.	1
	117 + 47.3	Lt.	1
	121 + 12.6	Rt.	1
	123 + 00	Rt.&Lt.	2
	123 + 50	Rt.&Lt.	2
F.A.P. 25-C(1)		1	
W.P.G.H. 25-B(1)		9	
F.A.P. 292-A(3)		18	
TOTALS		28	

FENCING REQUIREMENTS

	LOCATION	SIDE	REMOVE FENCE	BUILD B.W. FENCE	BUILD COMB. WIRE FENCE
			LIN. FT.	LIN. FT.	LIN. FT.
F.A.P. 25-C(1)	1024+37 to 1030+08	Rt.			650
W.R.G.H. 25-B(1)	1030+08 to 1057+50	Rt.			2800
F.A.P. 292-A(3)	95+00 to 123+50	Lt.	2950	2950	
	TOTAL F.A.P. 25-C(1)				650
	TOTAL W.R.G.H. 25-B(1)				2800
	TOTAL F.A.P. 292-A(3)		2950	2950	
	GRAND TOTAL		2950	2950	3450

GUARD FENCE & GUARD POSTS

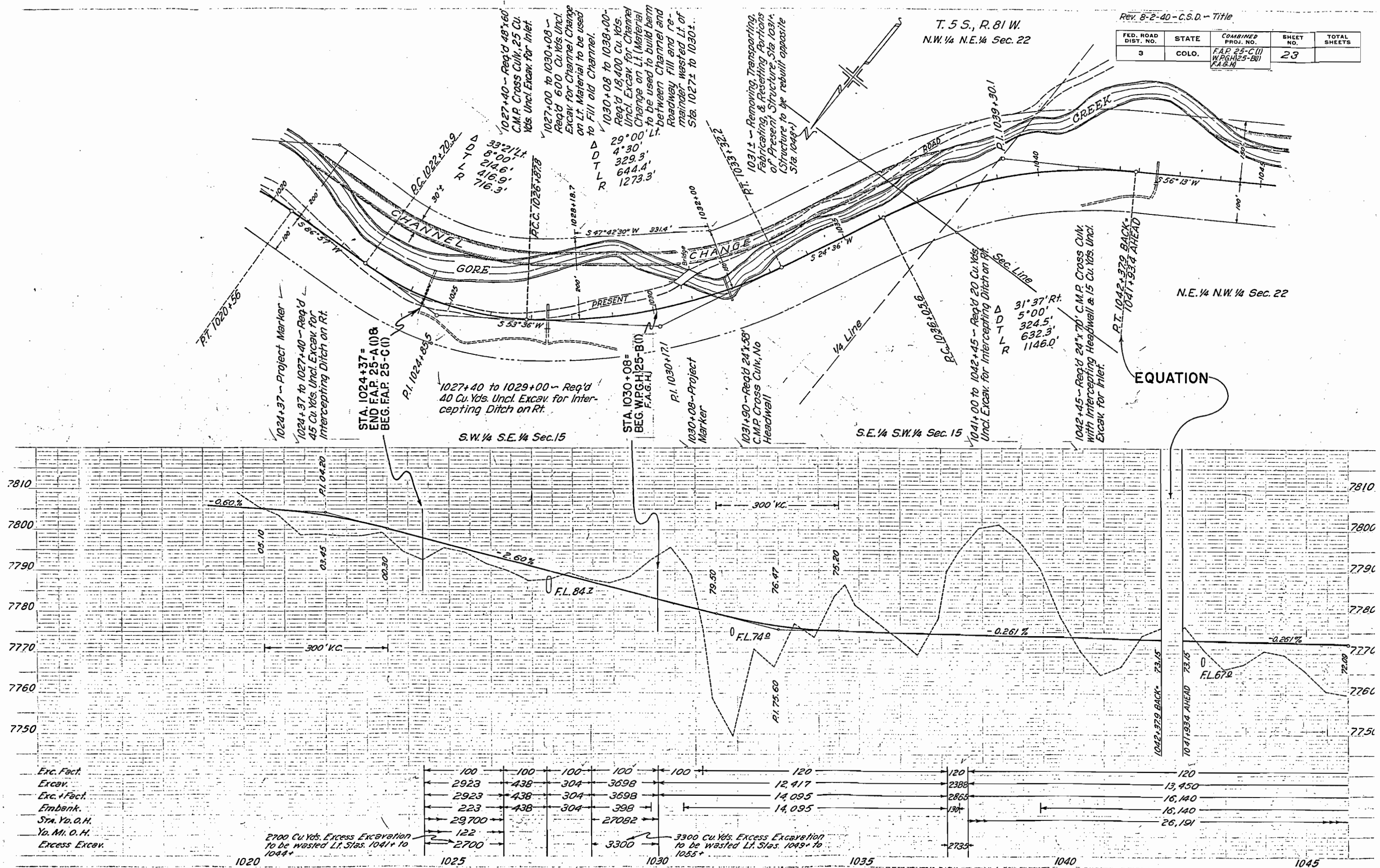
	LOCATION	SIDE	GUARD FENCE	GUARD POSTS	
			LIN. FT.	NO.	SPACING
F.A.P. 25-C(1)	1024+50 to 1030+00	Lt.		12	50 ft.
	1060+94 to 1061+55	Rt.		5	Bridge Appr.
W.R.G.H. 25-B(1)	1030+50 to 1034+00	Lt.		8	50 ft.
	1034+46 to 1043+54	Lt.	952		
	1045+00 to 1052+00	Lt.		15	50 ft.
	1053+16.7 to 1056+19.7	Lt.	303		
F.A.P. 292-A(3)	97+20 to 100+20	Rt.		7	50 ft.
	100+69.5 to 105+14	Rt.	440		
	115+50 to 119+00	Lt.		8	50 ft.
	115+50 to 121+00	Rt.		12	50 ft.
	TOTAL F.A.P. 25-C(1)			17	
	TOTAL W.R.G.H. 25-B(1)		1255	23	
	TOTAL F.A.P. 292-A(3)		440	27	
	GRAND TOTAL		1695	67	

STATION	DESCRIPTION	REMOVE STRUCTS.	UNCLASSIFIED EXCAVATION		STRUCTURAL EXCAVATION		GRAVEL OR CRUSH ROCK SURFACING	CONCRETE		REINF. STEEL	CEMENT RUBBLE MASONRY	CORRUGATED METAL CULVERT PIPE					MISCELLANEOUS		
			CU. YD.		CU. YD.			CU. YDS.				LIN. FT.							
			NO.	EXCAV.	EMB.	#		CLASS "A"	CLASS "B"			LBS.	CU. YDS	18"	24"	30"		36"	48"
			NO.	EXCAV.	EMB.	#						TONS							
1024+37 1024+37~1027+40 1027+00~1030+08 1027+40 1027+40~1029+00	Project Marker Intercepting Ditch, Rt. Channel Change, Lt. C.M.P. Cross Culv. & Inlet Intercepting Ditch, Rt.			45 600 25 40		55					5.75				60	1 - Proj. Marker			
1030+08 1031±	Project Marker Rem., Transport & Fabricate Portions of Pres. Bridge (Reset Lt. Sta. 1048+)															1 - Proj. Marker Rem. Transport & Fabricate Port. of Pres. Br. (Reset Lt.)			
1031+90 1041+00~1042+45 1042+45 1044+00~1047+50 1046+00 1048+70	C.M.P. Cross Culv. (No Hdwl.) Intercepting Ditch, Rt. C.M.P. Cross Culv. (Int. Hdwl.) & Inlet Channel Change, Lt. C.M.P. Cross Culv. (Int. Hdwl.) & Inlet Side Bridge on Lt.			20 15 750 10		10 35 25 (*)					2.30 2.30		58 70 90						
1048+ ~1052+ 1051+00 1055+60 1030+08~1038+00	Road Approach, Lt. C.M.P. Cross Culv. (Int. Hdwl.) & Inlet C.M.P. Cross Culv. & Inlet Channel Change Lt.			(To be const. from Excess Excav.) 25 10 18,400		200 75 5		92.0		6680						* Struct. Etc. Dry Rock Dry Com. Wet Rock Wet Com. 4.664 M Ft. bm Unfr. Bl 96 Lin Ft. Native Logs 330 " " " " " " 1700 Lbs. Structural S			
1056+38.2 1058+30.3	Overhead Crossing					(See Summary for Quantities)													
1058+30.3 1060+74.1 1061+44.1	Bridge Project Marker					(See Summary for Quantities)										1 - Proj. Marker			
95+00 96+50~98+00 96+50 96+50 96+50~104+10 104+10 104+10 104+10~117+05 117+05 122+50 122+50 99+50~102+80 103+70~110+45 123+50	Project Marker Road Approach, Rt. Rem. 18"x40' C.M.P. & Hdwl's C.M.P. Cross Culv. (No Hdwl.) Intercepting Ditch, Lt. C.M.P. Cross Culv. (Int. Hdwl.) & Inlet Rem. 18"x40' C.M.P. & Hdwl's Intercepting Ditch, Lt. Rem. Hdwl. & Extend Pres. 24" C.M.P. Rem. 18"x30' C.M.P. & Hdwl's C.M.P. Cross Culv. (Int. Hdwl.) & Inlet Rem. W.C. Guard Fence, Rt. Rem. W.C. Guard Fence, Rt. Project Marker			*100			40						66 58			1 - Proj. Marker 1 - Proj. Marker *24" Conn. Bā Rem. 330' W.C.Gd. Rem. 690' W.C.Gd. 1 - Proj. Marker			

* Structural Excavation is estimated to be 50% Common and 50% Rock, each of which is estimated to be 90% Dry and 10% Wet.

* To be constructed from Excess Excavation. Included for payment in profile quantities.

* To be included in the price bid per linear foot for 24" C.M.P.

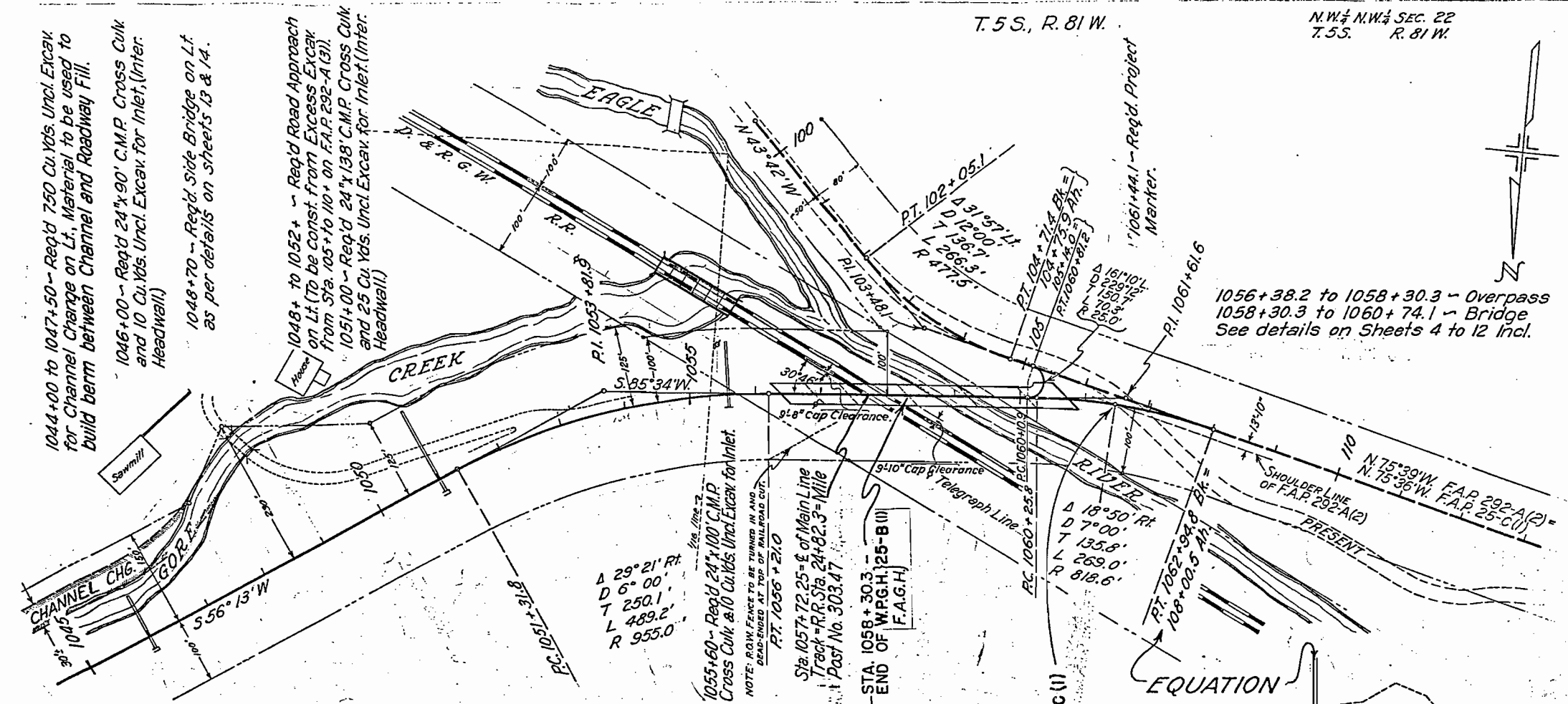


T.5 S., R. 81 W.

N.W. 1/4 N.W. 1/4 SEC. 22
T.5 S. R. 81 W.

FED. ROAD DIST. NO.	STATE	COMBINED PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	W.P.G.H. 25-B(1) F.A.P. 25-C(1)	24	

Rev. B-2-40-C.S.D.-Title



95+00 ~ Req'd Project Marker

96+50 to 98+00 ~ Req'd
100 Cu. Yds Embankment
for Road Appr. on Rt.
Material to come from Sta. 105±
Excess Excavation.

96+50 ~ Remove 18" x
40 C.M.P. Cross Culv. &
Headwalls, Req'd 24" x
66 C.M.P. Cross Culv.
(No Headwalls)

99+50 to 102+80 ~ Remove
330 Wire Cable Guard Fence
on Rt.

96+50 to 104+10 ~ Req'd
80 Cu. Yds. Incl. Excav. for
Intercepting Ditch on Lt.

104+10 to 117+05 ~ Req'd
130 Cu. Yds. Incl. Excav. for
Intercepting Ditch on Lt.

PT. 104+71.4 EX. =
104+75.9 A.H. =
105+14.0 =
PT. 105+18.2

104+10 ~ Remove 18" x 40" C.M.P. Cross
Culv. & Headwalls, Req'd 24" x 58" C.M.P.
Cross Culv. with Inter. Hdw. also 10 Cu. Yds.
Cross Culv. + 61.6 Incl. Excav. for Inlet.
P.I. 106+61.6

103+70 to 110+45 ~ Remove 690' Wire
Cable Guard Fence on Rt.

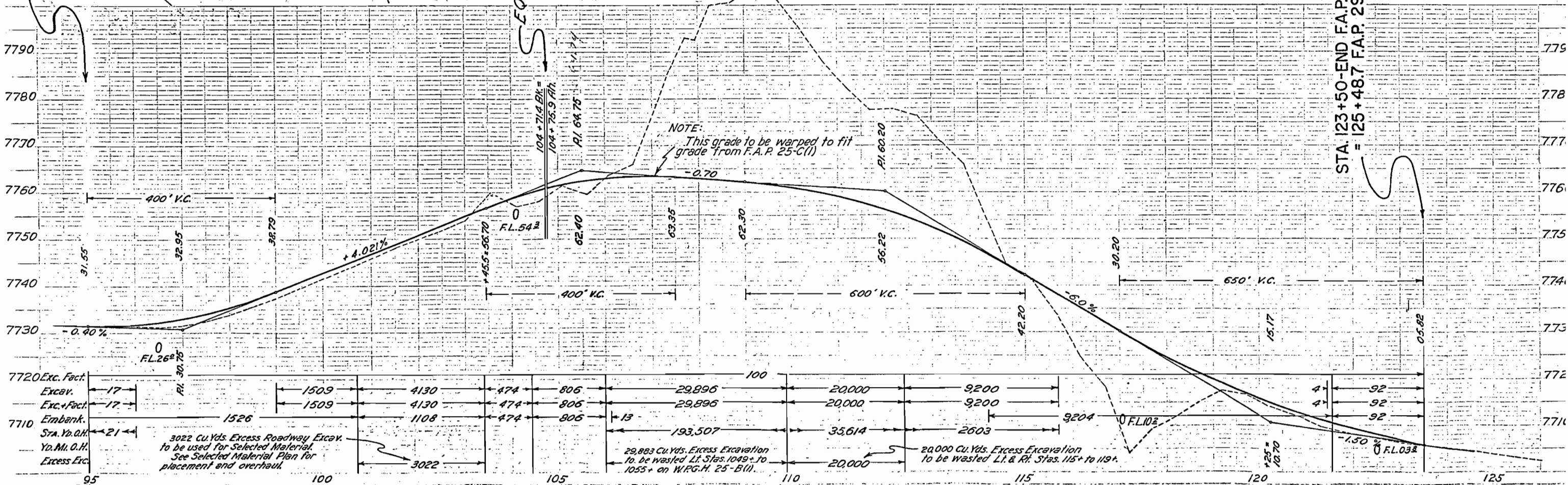
117+05 ~ Remove Headwall
and Extend Present 24" C.
M.P.; Req'd 24" x 124" C.M.P.
Cross Culv. & One Connect-
ing Band.

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122+50 ~ Remove 18" x 30" C.M.P.
& Headwalls, Req'd 24" x 48" C.M.P.
Cross Culv. & 5 Cu. Yds. Incl. Excav.
for Inlet. (Intercept. Hdw.)

123+00 ~ Req'd Project Marker.

STA. 95+00 - BEGIN.
OF F.A.P. 292-A (2)



STA. 123+50-END F.A.P. 292-A(2)
= 125+48.7 F.A.P. 292-AR

COLORADO STATE HIGHWAY DEPARTMENT
RIGHT OF WAY MAP

FOR

COMBINED

FEDERAL AID PROJECT NO. 25-C(1),
U.S.W.P. GRADE CROSSING PROJECT NO. W.P.G.H.
FEDERAL AID GRADE CROSSING PROJECT NO. F.A.G.H. } 25-B(1)
FEDERAL AID PROJECT NO. 292-A(2)

EAGLE COUNTY

SCALE 1" = 200'

FED. ROAD DIST. NO.	STATE	COMBINED PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.A.P. 25-C(1), W.P.G.H. 25-B(1), & F.A.G.H. FED. AID 292-A(2)	1	

Rev. 8-2-40-C.S.D.-Title

