

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	2005-B	1	

Revised 6-4-37-S.B.L.
Revised for Guard Posts 5/25-37. R.W.

Rio Blanco - Rifle

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY 900
RIGHT OF WAY LINES
COUNTY LINES
TOWNSHIP OR RANGE LINES
SECTION LINES
ONE QUARTER SECTION LINES
BARBED WIRE FENCE
TIMBER GUARD POSTS
PICKET SNOW FENCE
POLE LINES

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED P.W.A. DOCKET COLO. 804-D PROJECT NO. 2005-B STATE HIGHWAY NO. 13 GARFIELD & RIO BLANCO COUNTIES

AKA F 4 (4)

INDEX OF SHEETS

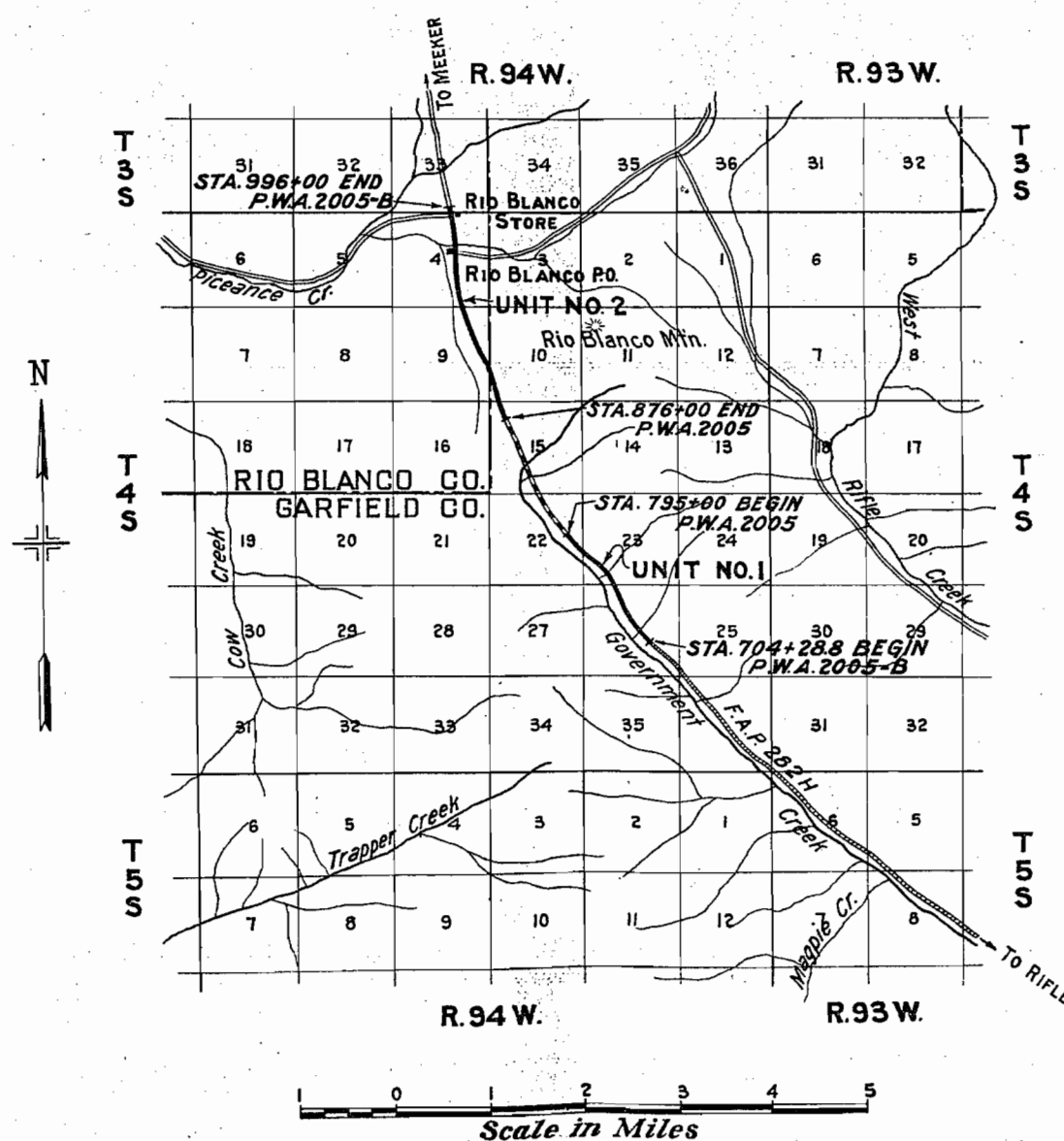
SHEET NO. 1-TITLE SHEET	
" " 2-TYPICAL SECTION & SUMMARY	
" " 3-LIST OF STRUCTURES	
" " 4-CONCRETE BOX CULVERT	M104D
" " 5-STD HEADWALLS FOR C.M.P. CULV.	M102E
" " 6-TIMBER GUARD POSTS	M19A
" " 7-WIRE FENCES-U.W. POSTS	M24FX
" " 8-PICKET SNOW FENCE-ST. POSTS	M25B
" " 9-METHOD OF SUPERELEVATION & WIDENING OF CURVES	M1B
" " 10-TYP. SIDE APP. ROADS-TRAFFIC SIGNS	M2BX
" " 11-13-PLAN & PROFILE-UNIT NO. 1	
" " 14-17- " " " " " 2	
" " 18-45-CROSS SECTIONS-UNIT NO. 1	
" " 46-77- " " " " " 2	

* FOR USE ON UNIT NO. 2 ONLY

SCALES OF 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
NET & GROSS LENGTH OF UNIT NO. 1 = 9071.2 FT. = 1.718 MI.



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 Division Engineer Glenwood Springs, Colo.
J.A. Burton Resident Engineer Meeker, Colo.

RECOMMENDED FOR APPROVAL

J. J. [Signature]
ASSISTANT ENGINEER

APPROVED
Chris [Signature]
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC ROADS

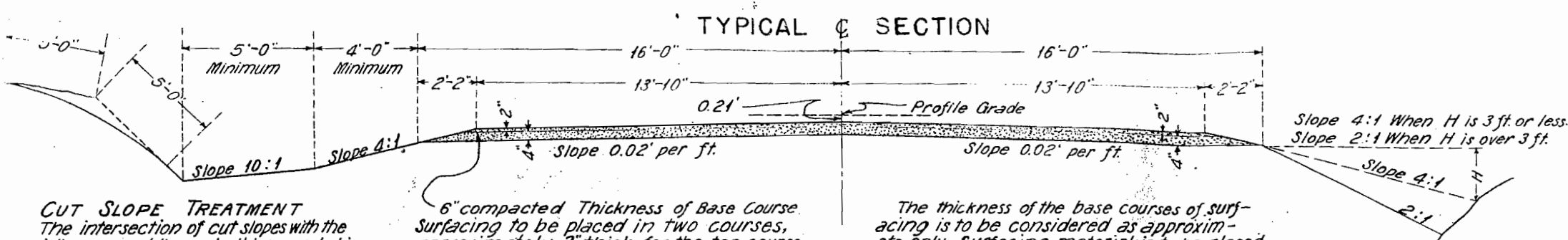
RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC ROADS

APPROVED

DIRECTOR BUREAU PUBLIC ROADS

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES



SUMMARY OF APPROXIMATE QUANTITIES

No.	ITEM	UNIT	UNIT NO. 1
10a	Clearing & Grubbing Entire Proj.	Lump Sum	•
11b	Removal of 14 Structures	"	(5) •
12a	Removing Fence	Lin. Ft.	3,100
13c	Unclassified Excavation	Cu. Yd.	67,000
13d	Cut Slope Treatment	Mile	1.3
14a	Dry Rock Excavation (Str.)	Cu. Yd.	40
14b	" Comm. "	"	280
14c	Wet Rock "	"	10
14d	" Comm. "	"	40
18a	Station Yard Overhaul	Sta. Yd.	102,600
18b	Yard Mile Overhaul	Yd. Mile	50
26a	Gravel or Crushed Rock Surfacing	Ton	8,450
46a	Class "A" Concrete	Cu. Yd.	
46b	" "B" "	"	35
47	Reinforcing Steel	Lb.	
49	Cement Rubble Masonry	Cu. Yd.	9
26c	Overhaul of Surfacing	Ton Mi.	98,000
53b	18" Corrugated Metal Culv. Pipe	Lin. Ft.	106
53c	24" "	"	396
53d	30" "	"	
53e	36" "	"	350
53g	48" "	"	76
53h	54" "	"	162
74	Wire Cable Guard Fence	"	
76b	Barbed Wire Fence (Unit: Wood Posts)	"	8,900
76e	Comb. " "	"	9,800
76h	Driveway Gates	Each	7
77	Picket Snow Fence	Lin. Ft.	
81a	Project Marker	Each	
81b	Right of Way Markers	"	22
74x	Timber Guard Posts	"	68

R.O.W. MARKERS

STATION	SIDE
	Right
	Left
716+65	/
718+35	/
718+45	/
719+35	/
724+56.7	/
725+46.7	/
728+67	/
729+60	/
734+50	/
736+00	/
739+50	/
741+00	/
755+00	/
755+83	/
767+64	/
768+80	/
775+422	/
776+322	/
788+15	/
788+72	/
704+29	/
Total	16 6

FENCING REQUIREMENTS

STATION to STATION	SIDE	REMOVE FENCE	BUILD B.W. FENCE	BUILD COMB. FN.	DRIVEWAY GATES
		Lin. Feet	Lin. Feet	Lin. Feet	Each
704+28.8	710+00	Lt.	620		
704+28.8	746+80	Rt.		4460	
704+28.8	745+40	Lt.		4420	
709+00		Lt.			1
710+00	725+50	Rt.	1550		
724+90		+	100		
728+10		+	100		
730+50	R-L				2
731+55	+	240			
732+98	+	100			
746+00	+	180			
746+80	795+00	Rt.		4820	
745+40	795+00	Lt.		4960	
751+50	R-L				2
771+20	+	140			
771+50	Rt.				1
772+50	Lt.				1
794+40	795+00	+	70		
Totals			3100	8880	9780

CUT SLOPE TR'TMNT.

STATION TO STATION	SIDE	Lin. Ft.
709+00	711+50	R
709+00	710+50	L
719+50	723+75	R
720+50	723+50	L
724+35	725+50	R
726+50	728+00	L
727+50	731+50	R
734+50	744+25	R
745+50	750+00	R
745+50	749+50	L
758+50	768+50	R
759+00	764+00	L
774+00	781+50	R
782+34	786+00	R
791+50	795+00	R
Totals	1.227 Mile	6481

DETOUR NOTE

The Detour for this Project shall be over the present traveled road.

At all places on the Project where the new work lies along the present traveled road, the Contractor shall, at his own expense, prosecute construction in such a manner that traffic may readily pass over the road. The Contractor shall also construct and maintain in safe condition and at his own expense, all temporary approaches to and crossings of intersecting highways.

SOURCE OF SURFACING

Material for Gravel or Crushed Rock Surfacing is estimated to be available from pit located east of present highway in S.W. 1/4 Sec. 31, T.5S., R.92W. approximately 10 1/4 mile southerly from southerly end of project.

GENERAL NOTES

This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department adopted August 1, 1935.

All quantities on preliminary plans are to be considered as approximate only.

roadway excavation required to construct this project to be obtained as indicated on the plans. Quantities involved beyond the limits of the ditch as shown on the Typical Section, either noted on the profile as "Borrow" or on List of Structures as "Embankment", are to be classified and paid for as "Unclassified Excavation." These quantities are to be stated as part of the Original Excavation at locations indicated on the Plans. Slope stakes beyond the limits of the Typical Section are subject to change by the Engineer to fit Embankment requirements actually encountered on construction.

All curves are to be superelevated as provided for by the Superelevation Sheet included with Plans.

All Poles encroaching on construction are to be moved by owners.

The entire project is to be cleared for the full width of the right of way and the cost thereof included in the lump sum price for Clearing and Grubbing the Entire Project."

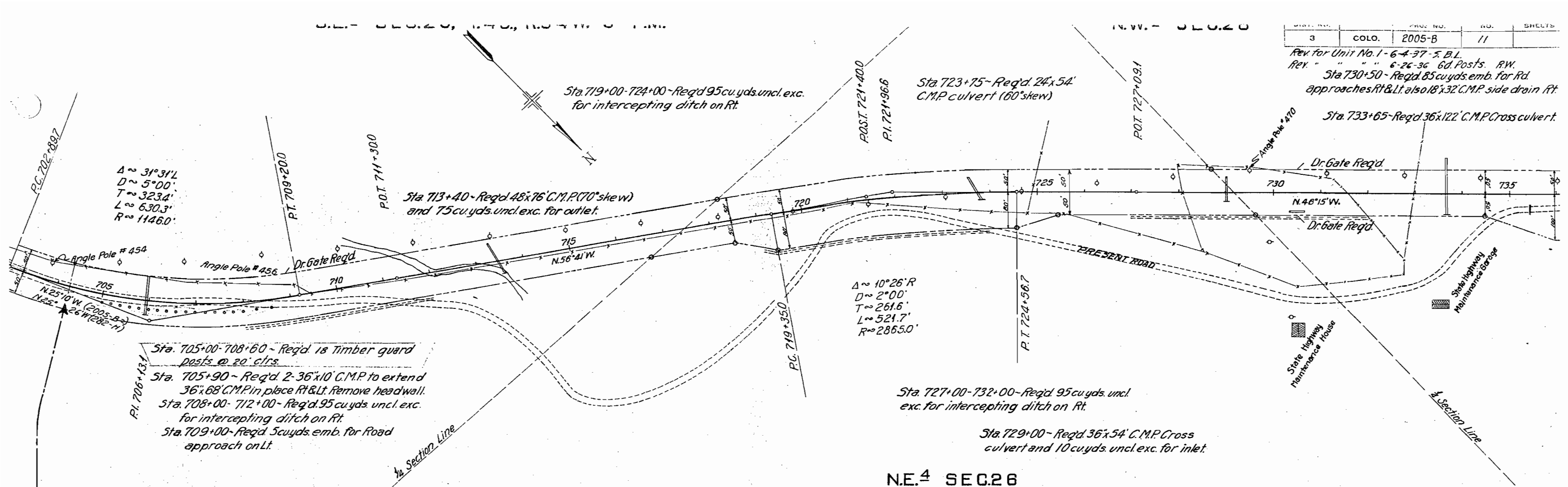
All corrugated metal pipe cross culverts are to be provided with one headwall on the inlet end unless otherwise noted on the Plans.

All side road approaches to the project shall be gravel surfaced with a 4" thickness of "Gravel or Crushed Rock Surfacing" extending approximately 30' from edge of highway. Estimated tonnage of surfacing material required in this operation is shown in List of Structures.

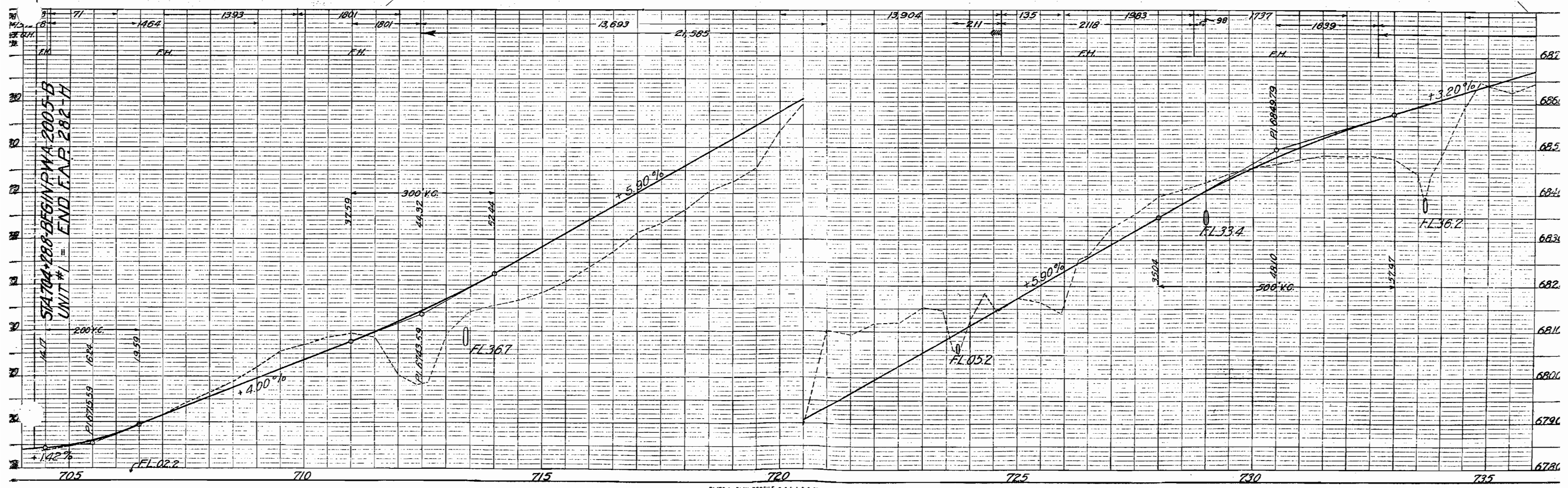
Overhaul will be paid for as measured along center line of project, except as otherwise noted on plans.

UNIT NO.	COLO.	2005-B	NO.	SHEETS
3	COLO.	2005-B	11	

Rev for Unit No. 1-6-4-37-5 B.L.
 Rev. " " 6-26-36 6d. Posts. R.W.
 Sta 730+50 - Req'd 85 cu yds. emb. for Rd
 approaches Rt & Lt. also 18"x32" C.M.P. side drain Rt.



N.E. 4 SEC. 26



N.W. SEC. 26, T. 4 S., R. 94 W.

3	COLO.	2005-8	12
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Rev. for Unit No. 1-6-4-37-5, B.L.
Rev. " " " " 6-26-37 Gd Posts. R.W.

P.O.T. 734+85.2

Sta 735+50 Remove C.M.P.

Sta 737+00-744+50 ~ 150 cu. yds. uncl. exc. Req'd. for Intercepting Ditch on Rt.

Sta 737+00- Req'd. 24'x46' C.M.P. Cross culvert, and 5 cu. yds. uncl. exc. for inlet.

P.C. 738+296

$\Delta \approx 6^\circ 13' R$
 $D \approx 1^\circ 00'$
 $T \approx 311.1'$
 $L \approx 621.7'$
 $R \approx 5730.0'$

P.L. 741+40.7

Sta 743+00- Remove C.M.P.

Sta. 744+25- 54'x162' C.M.P. Culvert (Skew 45°) With cement rubble masonry headwall, and 200 cu. yds. uncl. exc. for channel change on Lt. See detail Sheet No. 3

P.T. 744+513

P.O.T. 749+00

Sta. 750+00- Req'd. 70 cu. yds. emk. for road approaches Rt. & Lt. and 18'x32' C.M.P. side drain on Rt.

Dr. Gate Req'd.

Dr. Gate Req'd.
Sta. 752+50- Req'd. 36'x50' C.M.P. Cross Culvert.

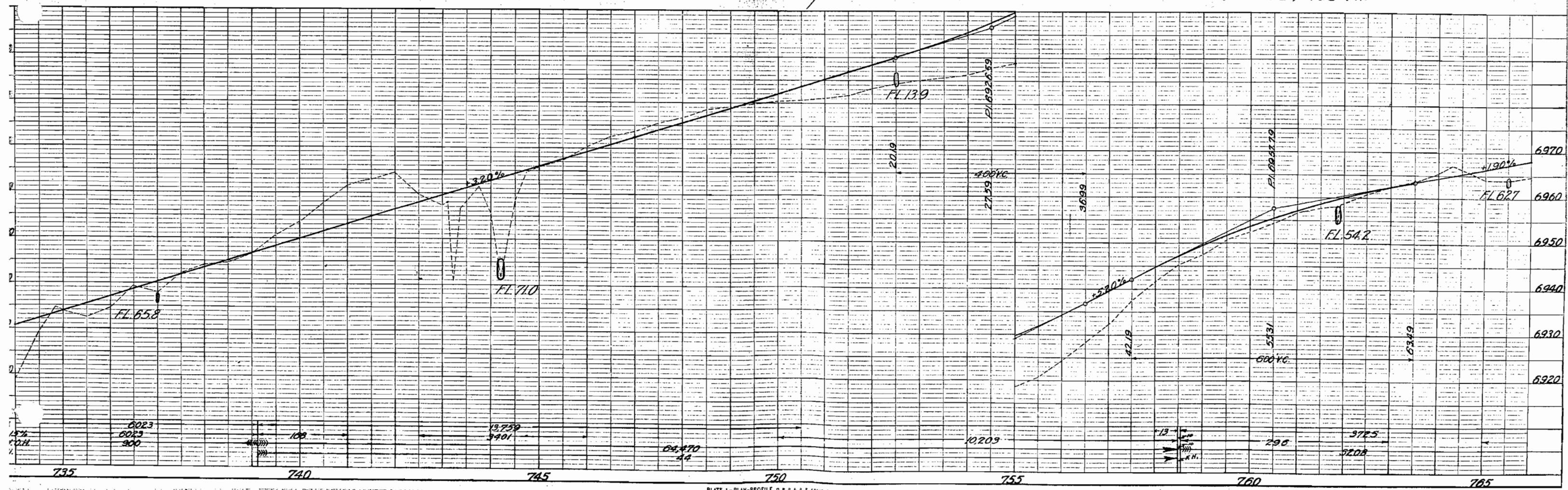
P.O.T. 759+50

Sta. 761+85- Req'd. 36'x48' C.M.P. Cross culvert, and 30 cu. yds. uncl. exc. for outlet.

Sta. 765+50- Req'd. 24'x46' C.M.P. Cross culvert.

Sta. 763+00- 771+40- Req'd. 125 cu. yds. uncl. exc. for ditch change on Rt.

S.W. SEC. 23, T. 4 S., R. 94 W.



FED. ROAD DIST. NO.	STATE	P. W. A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	2005-8	13	

Rev. for Unit No. 1 - 6-4-37 - S.B.L.
Rev. for Unit No. 1 - 6-26-37 - Gd. Posts. R.W.

