

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO.158-E, DIV. NO 1 STATE HIGHWAY NO. 4 PARK COUNTY

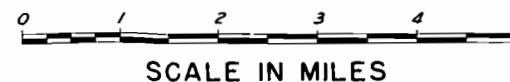
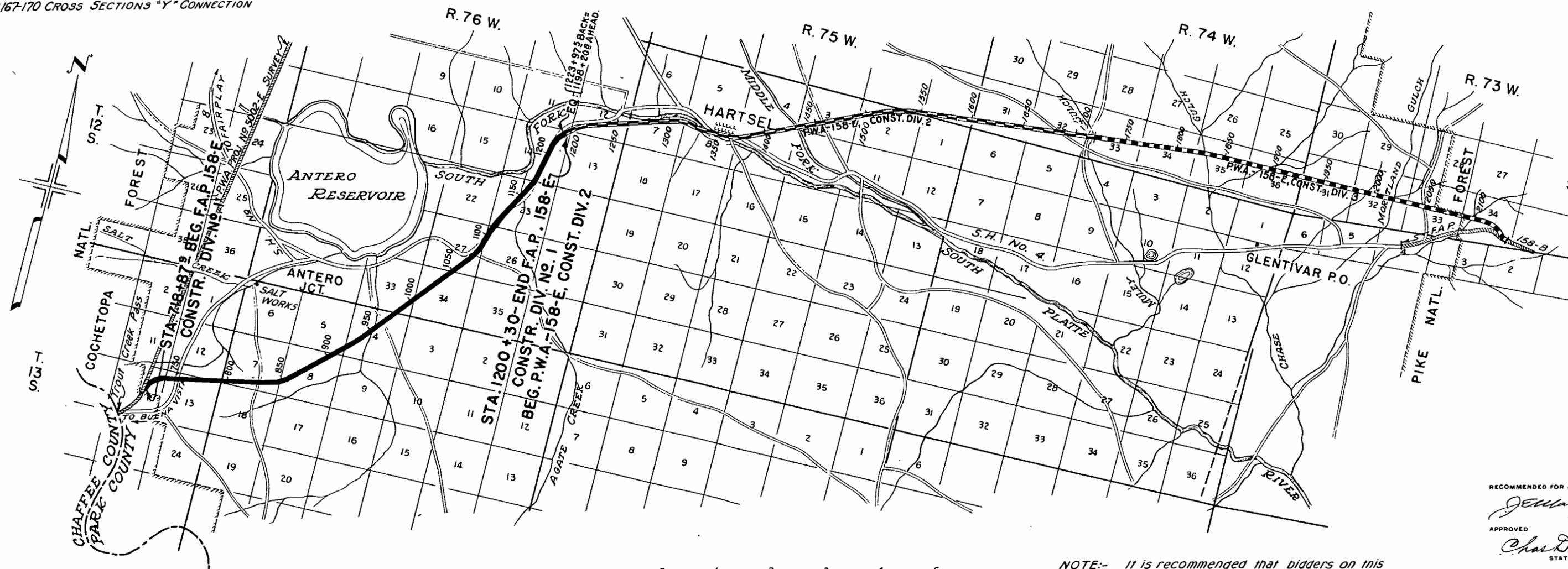
INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET	
" " 2	TYPICAL SECTION, SUMMARY OF QUANTITIES, FENCING AND GUARD POSTS	
" " 3	LIST OF STRUCTURES, GUARD FENCE AND R.O.W. MARKERS	
" " 4	BRIDGE DETAILS STA. 760+	
" " 5	BRIDGE DETAILS STA. 876+	
" " 6	BRIDGE DETAILS STA. 1148+	
" " 7	CONCRETE BOX CULVERTS	M-103-D
" " 8	STANDARD HEADWALLS FOR C.M.P. CULVERTS	M-102-E
" " 9	STANDARD CATTLE GUARD- 16 FT. ROADWAY	M-16-A
" " 10	STANDARD TIMBER GUARD POSTS	M-19-A
" " 11	STANDARD WIRE CABLE GUARD FENCE	M-20-B
" " 12	STANDARD WIRE FENCE WITH STEEL POSTS AND MARKERS	M-27-A
" " 13	STANDARD PICKET SNOW FENCE WITH STEEL POSTS	M-25-B
" " 14	STANDARD STRUCTURE NUMBER LETTERING	M-10-A
" " 15	STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES	M-1-B
" " 16	TYPICAL SIDE APPROACH ROADS/ ROADWAY CONSTRUCTION TRAFFIC SIGNS	M-2-B
" " 17-34	PLAN AND PROFILE	
" " 35-166	CROSS SECTIONS	
" " 167-170	CROSS SECTIONS "Y" CONNECTION	

CONVENTIONAL SIGNS

Centerline of Project	
Right of Way Lines	
Township and Range Lines	
Section Lines	
One Quarter Section Lines	
Telephone Line	
Barbed Wire Fence	
Snow Fence	
Present Road	

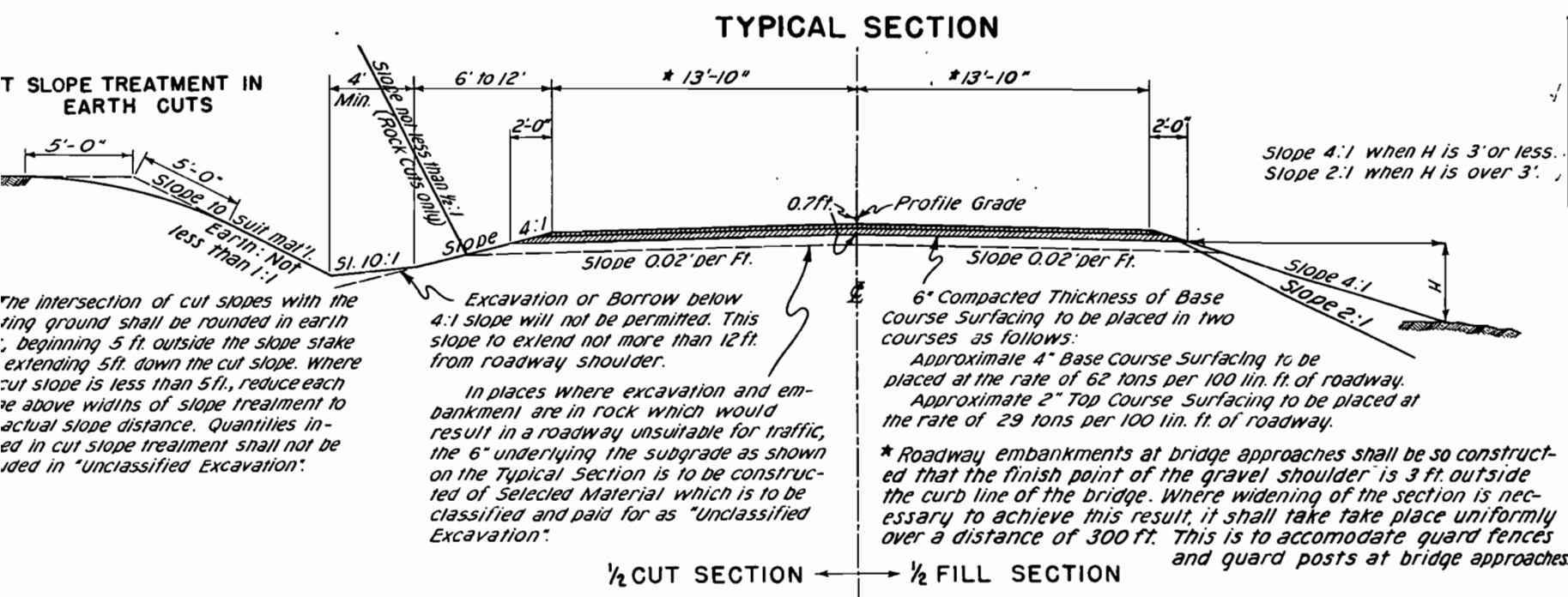
SCALES OF ORIGINAL TRACINGS
 ON PLAN, 1 IN. = 100 FT.
 ON PROFILE 1 IN. = 100 FT. HORIZONTAL
 1 IN. = 10 FT. VERTICAL
 GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
 GROSS LENGTH OF PROJECT } 50,718.8 Ft = 9.605 Mi.
 NET LENGTH OF PROJECT }



NOTE:- It is recommended that bidders on this project go over the plan details with one of the following field representatives of this Department:
 Ernest Montgomery Division Engineer Colo. Springs.
 V.H. Littlefield Resident Engineer Colo. Springs.

RECOMMENDED FOR APPROVAL 10-13-37
J. H. Maloney
 ASSISTANT ENGINEER
 APPROVED
Chas. D. Vail
 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	ROADWAY	BRIDGES			TOTALS
				BRIDGE STA. 760+	BRIDGE STA. 876+	BRIDGE STA. 1149+	
10a	Clearing and Grubbing Entire Project	Lump Sum	•				•
11b	Remove Railroad Ties Sta. 811+, Sta. 898+	Lump Sum	•				•
12a	Removing Fence	Lin. Ft.	2,100				2,100
13c	Unclassified Excavation	Cu. Yd.	219,000				219,000
13d	Cut Slope Treatment	Mile	11.2				11.2
14a	Dry Rock Excavation (Structural)	Cu. Yd.	60				60
14b	Dry Common	"	505	65	50	50	670
14c	Wet Rock	"	15				15
14d	Wet Common	"	130				130
18a	Station Yard Overhaul	Sta. Yd.	243,000				243,000
18b	Yard Mile Overhaul	Yd. Mi.	200				200
26a	Gravel or Crushed Rock Surfacing	Ton	46,900				46,900
42a	Untreated Bridge Timber	M. ft. B.M.		1.5	1.5	0.8	3.8
42b	Treated Bridge Timber	M. ft. B.M.		36.6	36.7	17.9	91.2
43	Asphalt Plank Wearing Surface	Sq. Ft.		2001	2025	667	4,693
46a	Class "A" Concrete	Cu. Yd.	304				304
46b	Class "B" Concrete	"	67				67
47	Reinforcing Steel	Lb.	19,800				19,800
53b	18" Corrugated Metal Culvert Pipe	Lin. Ft.	236				236
53c	24" "	"	1,842				1,842
53d	30" "	"	102				102
53e	36" "	"	92				92
60a	Treated Timber Piling	Lin. Ft.		2,132	1,320	1,016	4,468
60e	Metal Pile Shoes	Each		74	48	36	158
65	Dry Rubble Slope Paving (18" Thick)	Sq. Yds.		108			108
74	Wire Cable Guard Fence	Lin. Ft.	1,032				1,032
74x	Timber Guard Posts	Each	118				118
76c	Barbed Wire Fence with Metal Posts	Lin. Ft.	101,500				101,500
76g	Barbed Wire Gates	Each	18				18
48	Structural Steel	Lb.				2300	2300
77	Picket Snow Fence	Lin. Ft.	3,876				3,876
81a	Project Markers	Each	1				1
81b	Right of Way Markers	"	107				107
82	Cattle Guards (16 Ft.)	"	4				4
89b	Drain Pipe (Timber Floor)	"		6	6	2	14
FORCE ACCOUNT ITEMS							
	Obliterating Old Road	Lump Sum	•				•

FENCING REQUIREMENTS

STATION	SIDE	REMOVE FENCE	BUILD B.W. FENCE	GATES	
		LIN. FT.	LIN. FT.	NO.	NO.
742+49	X	170			
743+40	X	170			
847+80	X	145			
1141+35	X	190			
1155+05	X	190			
1162+50	X	300			
1179+00	X	340			
1185+28	X	142			
1191+30	X	370			
0+00-5+14 ("Y" CONN.)	R		425		
716+362-1200+30	R		51,244		
731+942-1200+30	L		49,736		
743+20	L			1	
901+80	L&R			2	
947+10	L&R			2	
957+75	L&R			2	
974+40	L&R			2	
1014+00	L&R			2	
1026+82	L&R			2	
1046+15	L&R			2	
1094+50	R			1	
1116+50	R			1	
1172+50	L			1	
TOTALS		2,017	101,405	18	

TIMBER GUARD POSTS

STATION	SIDE	SPACING	NO.
759+61-760+22	L&R	BRIDGE	10
760+985-761+595	L&R	"	10
802+00	L&R	C.B.C.	8
803+10-804+60	L&R	50 FT.	8
820+50-821+50	L	50 FT.	3
844+58	L&R	C.B.C.	8
876+223-876+833	R	BRIDGE	5
876+392-877+002	L	"	5
877+583-878+193	R	"	5
877+76-878+37	L	"	5
922+00-923+50	L&R	50 FT.	8
1004+00	L&R	C.B.C.	8
1148+24-1148+85	L&R	BRIDGE	10
1149+155-1149+765	L&R	BRIDGE	10
1182+20-1185+20	L	50 FT.	7
1182+50-1184+50	R	50 FT.	5
1215+40-1216+40	L	50 FT.	3
TOTAL			118

LIST OF STRUCTURES

LOCATION	DESCRIPTION	REMOVE STRUCT. NO.	GRAVEL SURF. FOR APPRS. TONS	EXCAVATION CU. YD.		STRUCTURAL EXCAVATION CU. YD.	CONCRETE CU. YD.		REINF. STEEL LBS.	CORRUGATED METAL CULVERT PIPE LIN. FT.		16-FT. PICKET CATTLE SNOW GUARD FENCE NO.	MISCELLANEOUS
				UNCL.	EMB.		CL. A	CL. B		18" 24" 30" 36"	NO.		
✓ 1+60 ✓ 1+60-2+60	C.M.P. Cross Culvert, Intercept. Hdwl. Drain Ditch on Left			35		10		160		46			
✓ 718+872 ✓ 720+00 ✓ 727+00 ✓ 742+22	Project Marker C.M.P. Cross Culv. (Sk. 80° Rt.), No Hdwl. " " " " (Sk. 60° Lt.) & Ditches Road Appr. & Cattle Guard on Left									34 56 80			Project Marker ø 1-24" Conn. Band
✓ 743+20 ✓ 748+00 ✓ 760+252-760+955 ✓ 760+00-761+00 ✓ 760+95-762+00	C.M.P. Cross Culvert Bridge Channel Improvement, Left & Right Drain Ditch on Right	20		5	185	10		165		56			
✓ 764+50-769+50 ✓ 765+50-769+70 ✓ 771+15 ✓ 777+00	Intercepting Ditch on Right Picket Snow Fence on Left C.M.P. Cross Culvert & Inlet " " " "	(See Summary of Quantities)		5		5		165		52 50		306	(3 pcs. @ 102')
✓ 802+00 ✓ 810+00-814+35 ✓ 811+50-819+00 ✓ 812+50-818+50 ✓ 825+85	6'x7'x36" Concrete Box Culvert Picket Snow Fence on Left Remove Railroad Ties Intercepting Ditch on Right C.M.P. Cross Culvert & Ditches	85		5		5		165					
✓ 826+00-830+00 ✓ 828+00-831+20 ✓ 837+00 ✓ 844+58 ✓ 861+00 ✓ 876+952-877+643	Intercepting Ditch on Right Picket Snow Fence on Left C.M.P. Cross Culvert & Ditches 6'x7'x37" Conc. Box Culv. & Ditches C.M.P. Cross Culvert & Ditches " " " " Bridge	15		5		5		165		52 50		408	(4 pcs. @ 102') Rem. R.R. Ties
✓ 888+00 ✓ 889+25-891+25 ✓ 898+00-901+00 ✓ 899+00 ✓ 901+80 ✓ 902+00-909+00 ✓ 912+20 ✓ 913+48-919+60 ✓ 913+50-914+75 ✓ 923+00 ✓ 923+00-925+00	C.M.P. Cross Culvert & Outlet Picket Snow Fence on Left Remove Railroad Ties on Lt. & Rt. C.M.P. Cross Culvert & Ditches Drain Ditch on Left Rd. Apprs. Lt. & Rt., Side Drain Rt. Intercepting Ditches on Right C.M.P. Cross Culvert Double Picket Snow Fence on Left Intercepting Ditch on Left C.M.P. Cross Culvert Drain Ditch on Right	5		5		5		165		48		204	(2 pcs. @ 102') Rem. R.R. Ties
✓ 931+20-935+20 ✓ 946+50 ✓ 952+15-955+15 ✓ 956+75 ✓ 957+75 ✓ 966+90 ✓ 974+40 ✓ 978+20 ✓ 993+10 ✓ 1004+00	Picket Snow Fence on Left C.M.P. Cross Culvert & Outlet Picket Snow Fence on Left C.M.P. Cross Culvert Road Approaches on Left & Right C.M.P. Cross Culvert & Outlet Rd. Apprs. Lt. & Rt., Side Drain Rt. C.M.P. Cross Culvert & Inlet " " " " 6'x7'x36" Concrete Box Culvert	5		5		5		165		52		408	(4 pcs. @ 102')
✓ 1018+00 ✓ 1026+82 ✓ 1037+00 ✓ 1046+15 ✓ 1065+00 ✓ 1065+00-1066+50 ✓ 1074+00 ✓ 1082+00 ✓ 1094+25	C.M.P. Cross Culvert & Ditches Rd. Apprs. Lt. & Rt., Side Drain Rt. C.M.P. Cross Culvert & Ditches Rd. Apprs. & Side Drains, Lt. & Rt. C.M.P. Cross Culvert Drain Ditch on Right C.M.P. Cross Culvert & Ditches " " " " Inlet Rd. Appr. & cattle Guard on Right	5		5		5		165		46		306	(3 pcs. @ 102')
✓ 1090+00-1091+00 ✓ 1091+00 ✓ 1105+00-1107+00 ✓ 1109+00-1113+50 ✓ 1112+30-1114+30 ✓ 1116+50 ✓ 1129+15 ✓ 1136+00 ✓ 1141+00	Drain Ditch on Right C.M.P. Cross Culvert & Outlet Drain Ditch on Left Intercepting Ditch on Right Picket Snow Fence on Left Rd. Appr., Sd. Drn. & Cattle Guard, Right C.M.P. Cross Culvert " " " " " " " " " " " " " " " "	5		5		5		165		46		204	(2 pcs. @ 102')
✓ 1148+882-1149+125 ✓ 1155+75 ✓ 1160+00 ✓ 1169+80 ✓ 1172+50 ✓ 1176+75 ✓ 1178+10 ✓ 1178+50-1182+30 ✓ 1179+25-1181+30	Bridge C.M.P. Cross Culvert & Ditches " " " " " " " " Rd. Appr. & cattle Guard on Left C.M.P. Cross Culvert " " " " " " " " Intercepting Ditches on Right Picket Snow Fence on Left	(See Summary of Quantities)		5		5		165		46			
✓ 1183+00 ✓ 1185+50-1190+00 ✓ 1186+00-1189+20 ✓ 1190+00 ✓ 1197+60 ✓ 1205+00 ✓ 1215+50 ✓ 1218+60	6'x7'x53" Concrete Box Culvert Intercepting Ditches on Right Picket Snow Fence on Left C.M.P. Cross Culvert & Inlet "	70		5		5		165		46		306	(3 pcs. @ 102')
"Y" CONNECTION TOTALS													
ROADWAY TOTALS													
PROJECT TOTALS													

* Structural Excavation is estimated to be 10% Rock and 90% Common, each of which is estimated to be 80% Dry and 20% Wet.

* Included for Payment in Profile Quantities.

* Connecting Bands to be Included in Prices Bid for Corrugated Metal Culvert Pipe.

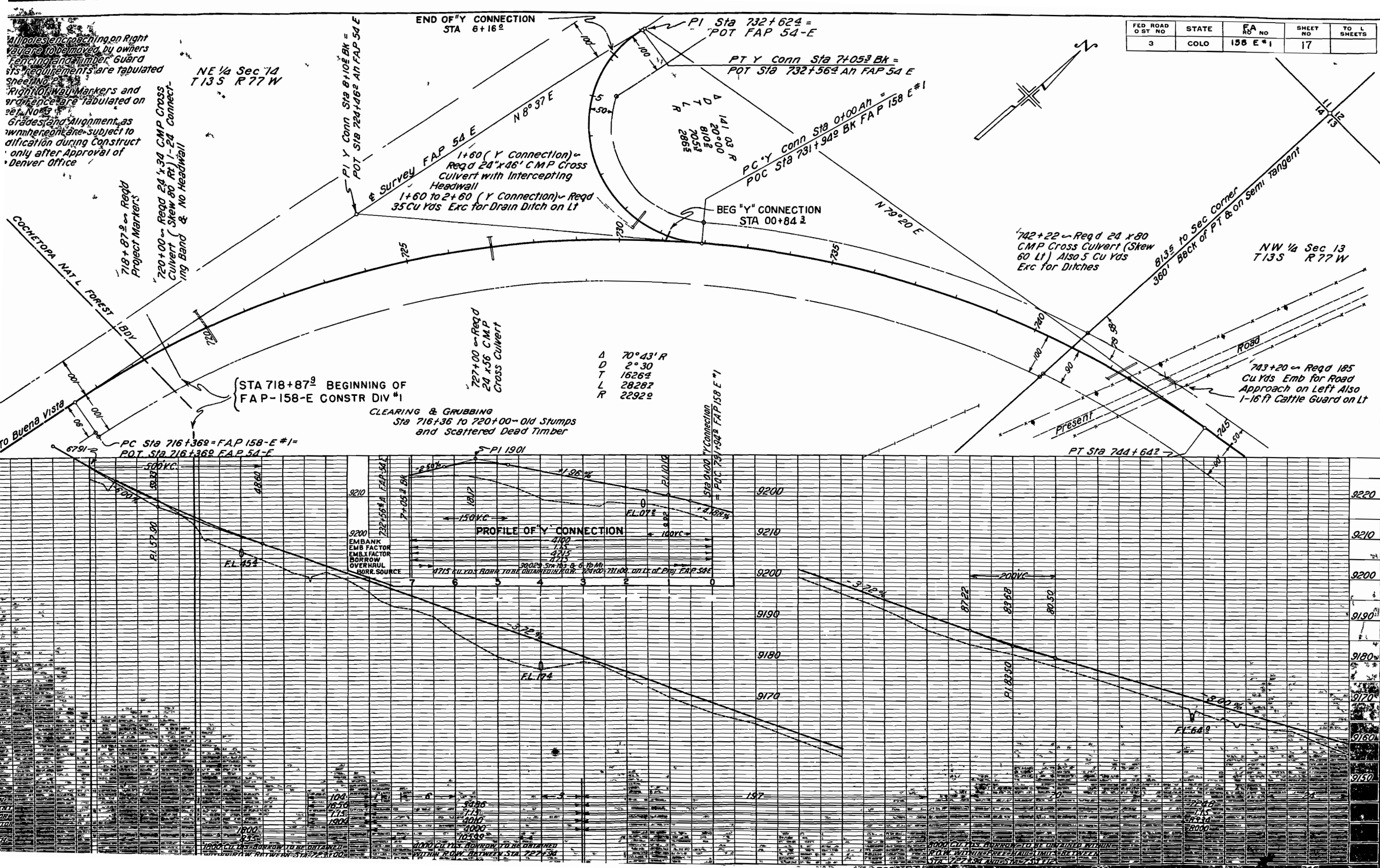
R.O.W. MARKERS

STATION	SIDE	NO.
"Y" CONNECTION 0+00-5+15	R	1
ROADWAY		
716+36	R	2
741+00	L & R	3
752+00	L	2
757+00	R	2
768+10	L & R	2
770+00	L	2
781+95	L	1
785+00	R	2
789+40	R	1
792+00	L & R	4
795+22	L & R	2
799+00	L	2
809+00	L	2
821+40	L & R	2
832+00	R	2
847+95	L & R	2
867+70	L & R	2
880+00	R	2
883+80	L & R	2
893+00	L & R	4
907+55	L & R	2
920+00	L & R	2
929+00	L & R	4
944+70	L & R	2
955+00	L & R	4
958+85	L & R	2
976+55	L & R	2
995+25	L & R	4
1004+60	L & R	2
1011+70	L & R	2
1044+55	L & R	2
1047+90	L & R	2
1062+00	L & R	4
1082+40	L & R	2
1085+75	R	1
1089+85	L	1
1094+00	L & R	4
1110+70	L & R	2
1122+45	R	2
1128+00	L	2
1141+35	L & R	2
1162+60	L & R	2
1170+60	L & R	4
1198+15	L & R	4
1200+30	L & R	2
"Y" CONNECTION TOTAL		2
ROADWAY TOTAL		105
PROJECT TOTAL		107

GUARD FENCE

STATION TO STATION	SIDE	LINE FT.
"Y" CONNECTION 2+00-5+12	L	312
ROADWAY 1205+42-1209+50	L	408
1217+88-1221+00	L	312
"Y" CONNECTION TOTAL		312
ROADWAY TOTAL		720
PROJECT TOTAL		1032

All poles encroaching on Right
Way are to be removed by owners
Fencing and Timber Guard
s requirements are tabulated
Sheet No 2
Right of Way Markers and
evidence are tabulated on
set No 1
Grades and Alignment as
shown here on take subject to
modification during Construct
only after Approval of
Denver Office



NW 1/4 Sec. 13
13 S R 77 W

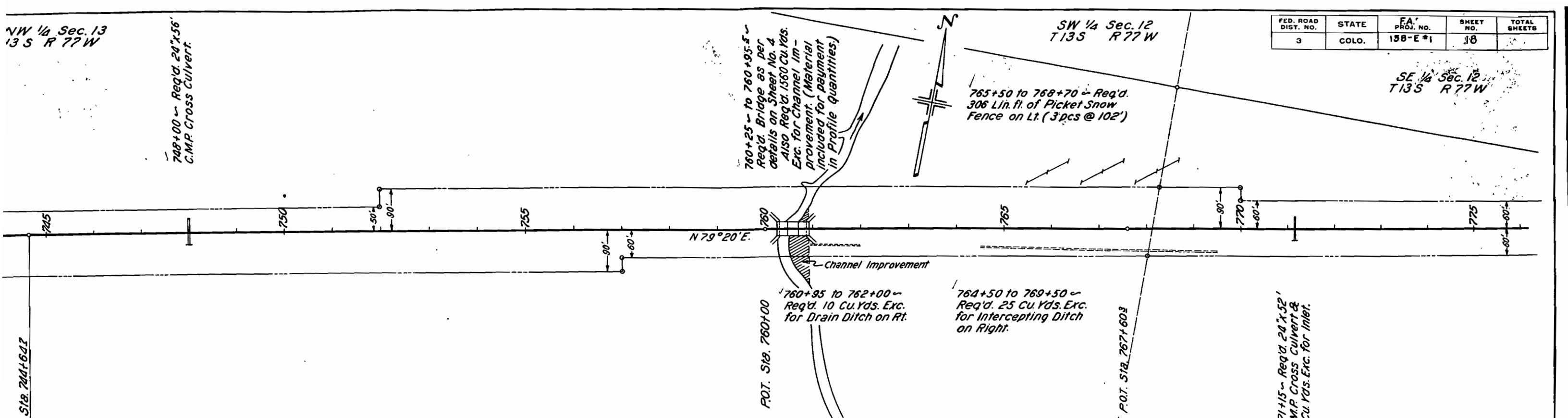
748+00 ~ Req'd. 24'x56'
C.M.P. Cross Culvert.

SW 1/4 Sec. 12
T13S R77W

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	18	

SE 1/4 Sec. 12
T13S R77W

P.T. Sta. 744+64.2



STRUCTURE NOTES FOR BRIDGE STA. 760+25 TO
STA. 760+95 STRUCTURE NO. I-13-6

PRESENT STRUCTURE:

SPAN -

CLEAR ROADWAY -

TYPE OF SUPERSTRUCTURE -

TYPE OF SUBSTRUCTURE -

REQUIREMENTS AS TO REMOVAL -

STREAM DATA:

DRAINAGE AREA -

VELOCITY DURING HIGH WATER -

ELEVATION OF -

MAXIMUM HIGH WATER -

LOW WATER -

NORMAL STAGE -

DRIFT -

PROPOSED STRUCTURE:

POSITION REFERRED TO PRESENT STRUCTURE -

SPAN -

CLEAR ROADWAY -

TYPE OF SUPERSTRUCTURE -

TYPE OF SUBSTRUCTURE -

REQUIREMENTS AS TO REMOVAL -

DETOUR STRUCTURE REQUIREMENTS -

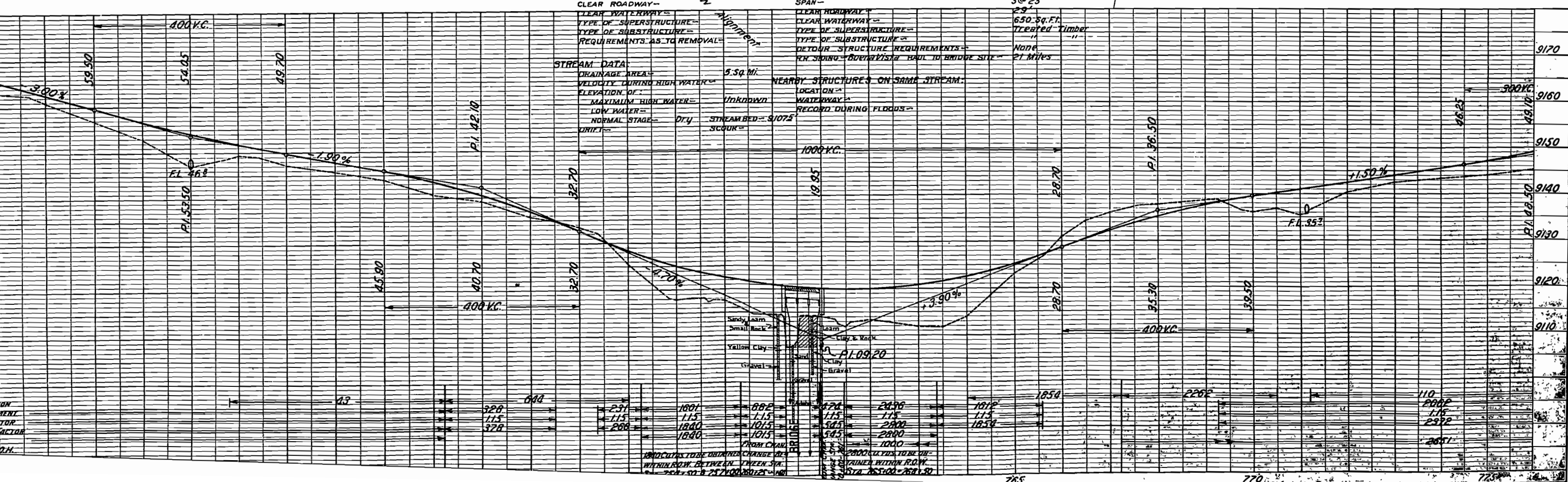
RR. SPONG -

NEARBY STRUCTURES ON SAME STREAM:

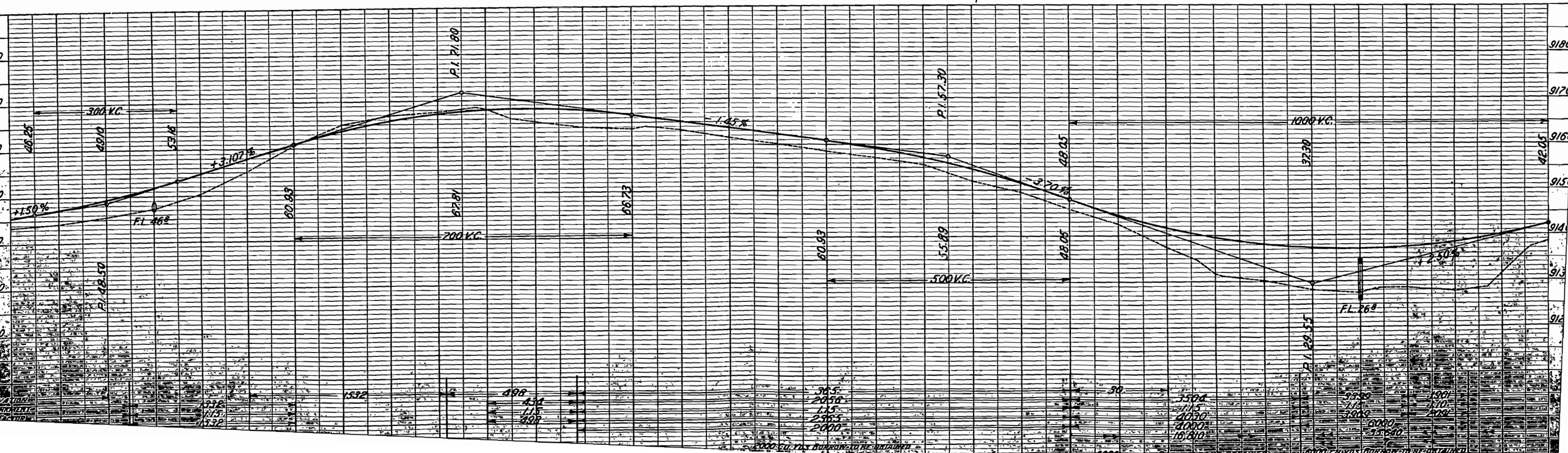
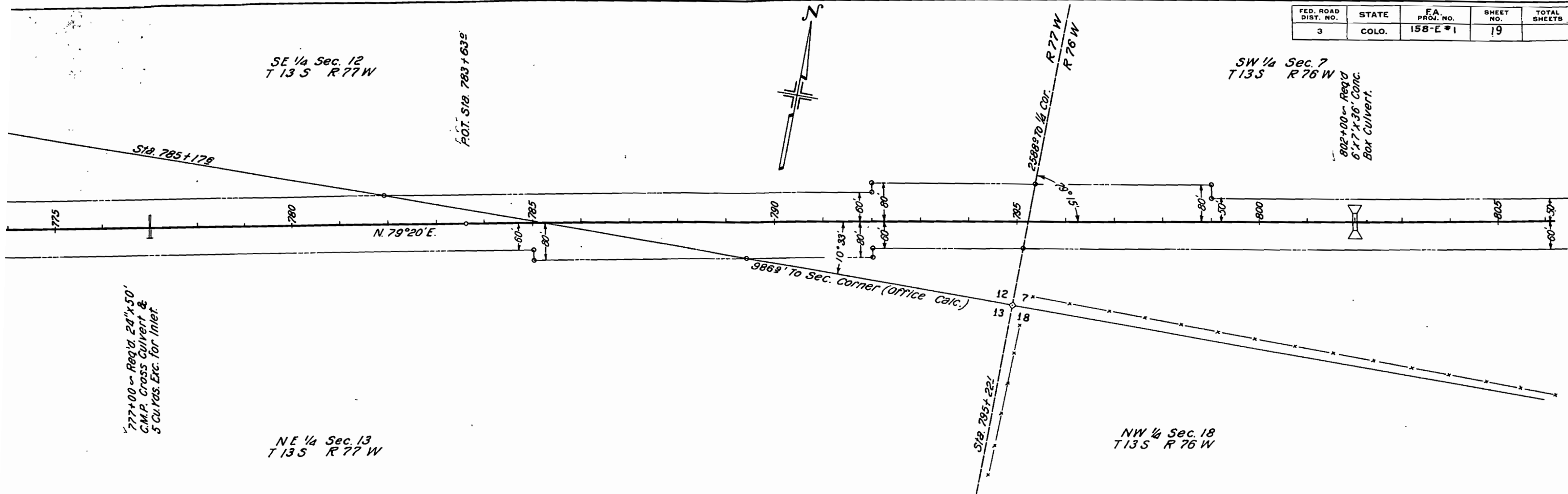
LOCATION -

WATERWAY -

RECORD DURING FLOODS -



FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	19	



FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E*1	20	

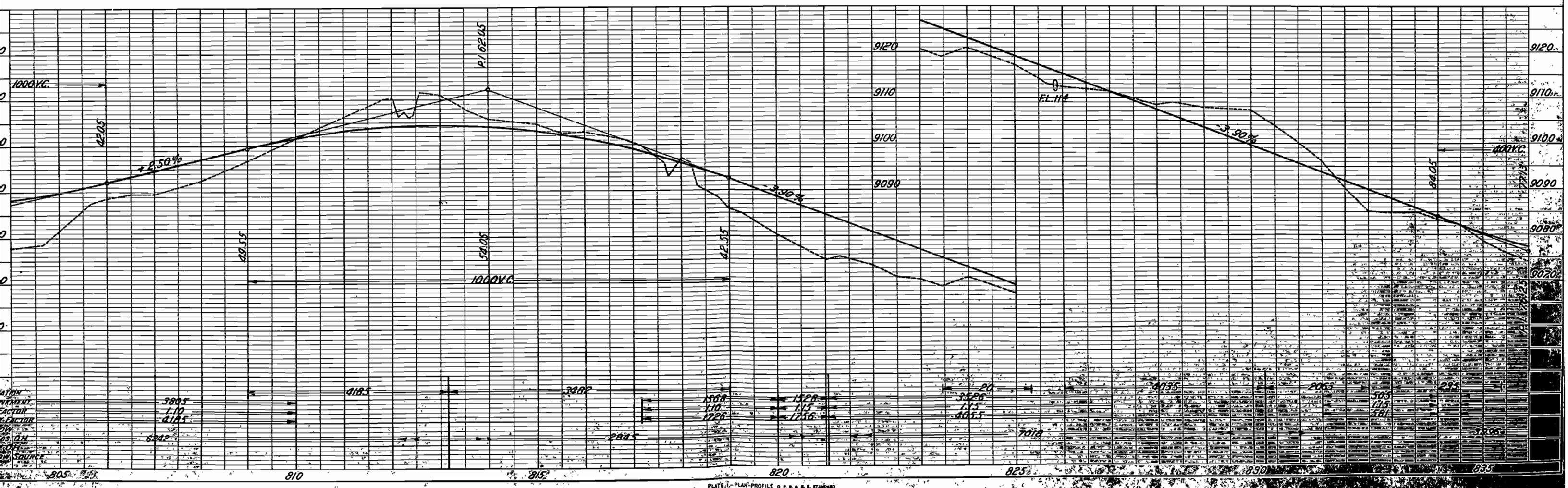
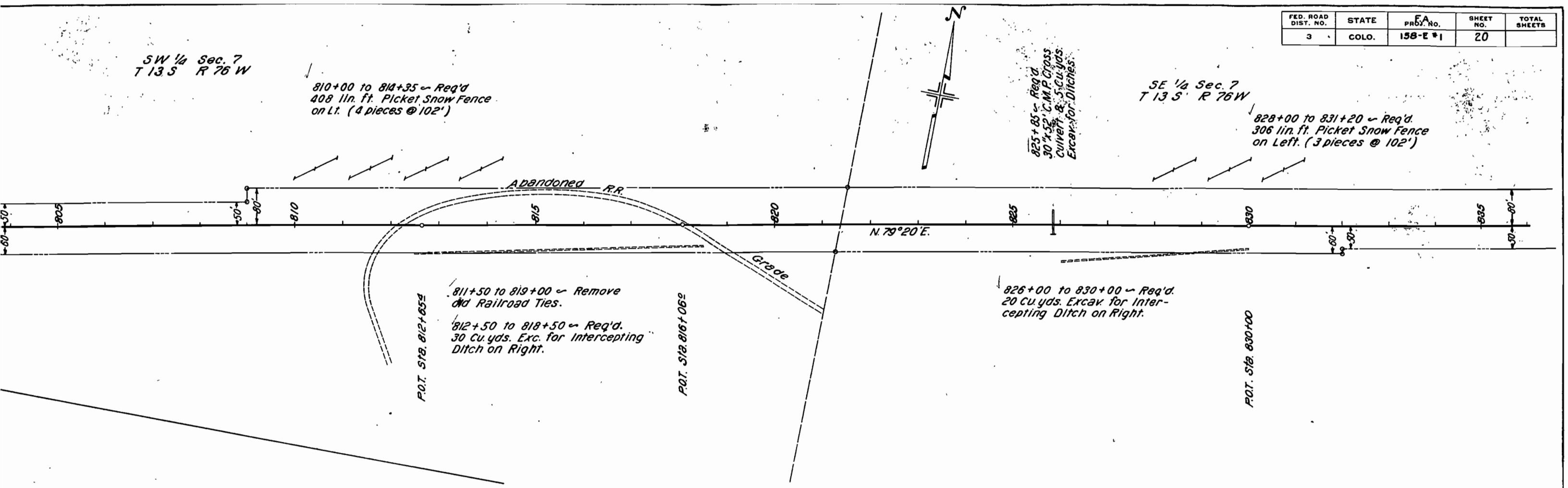
SW 1/4 Sec. 7
T 13 S R 76 W

810+00 to 814+35 ~ Req'd
408 lin. ft. Picket Snow Fence
on Lt. (4 pieces @ 102')

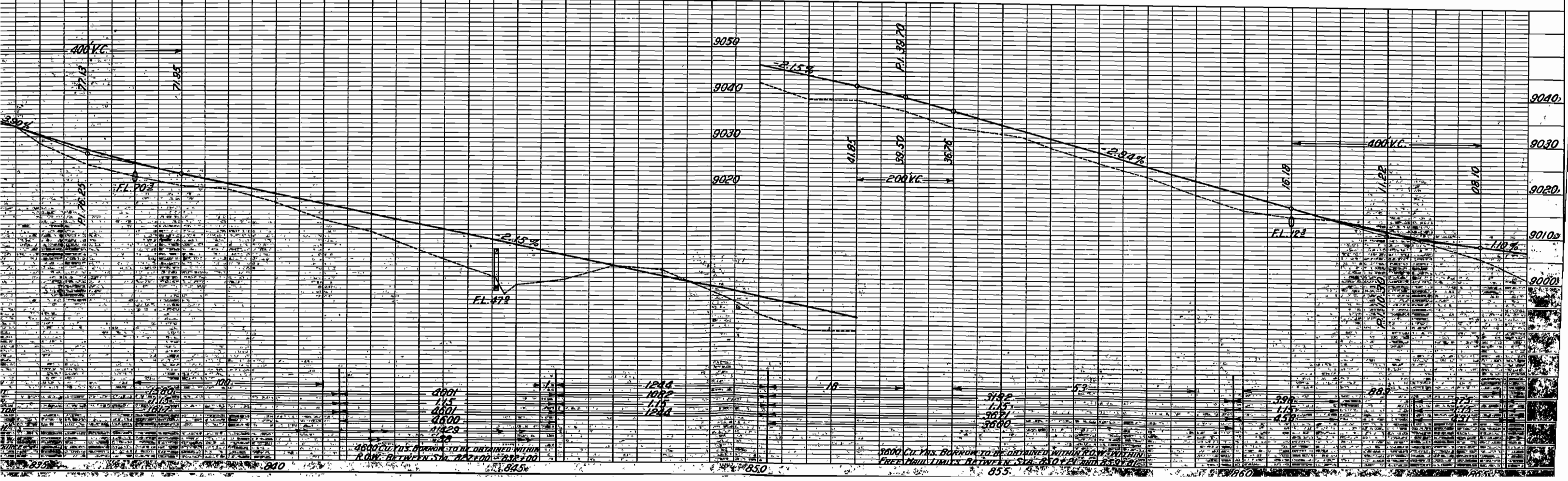
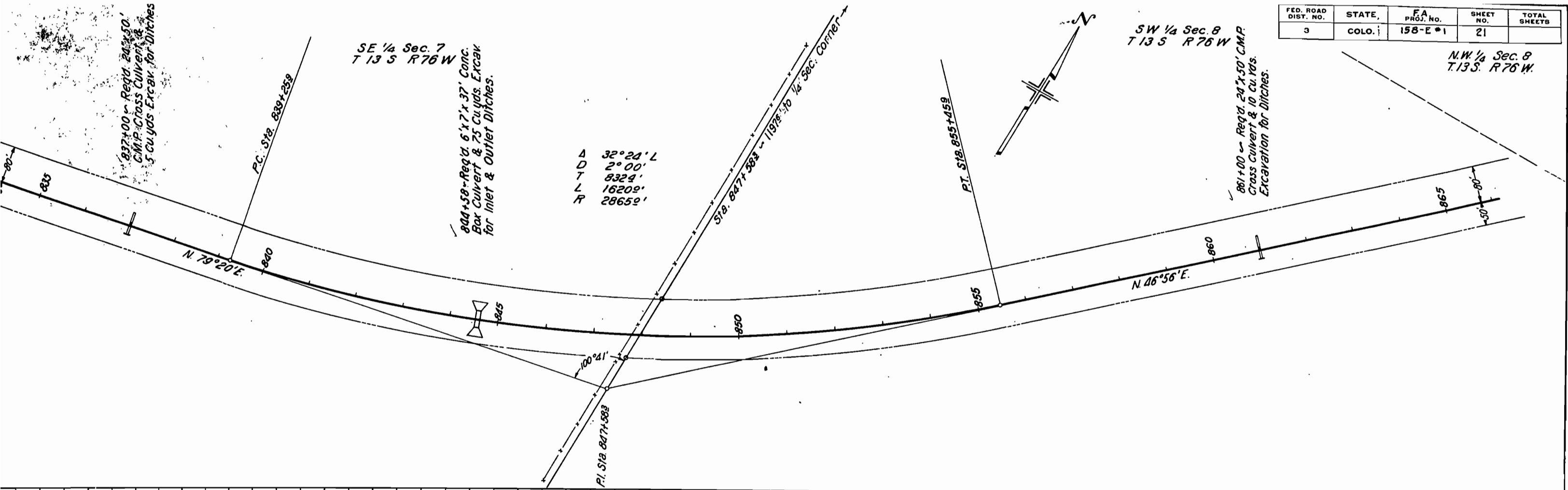
SE 1/4 Sec. 7
T 13 S R 76 W

828+00 to 831+20 ~ Req'd.
306 lin. ft. Picket Snow Fence
on Left. (3 pieces @ 102')

825+85 ~ Req'd
30"x52" C.M.P. Cross
Culvert & 5 Cu. yds.
Excav. for Ditches.



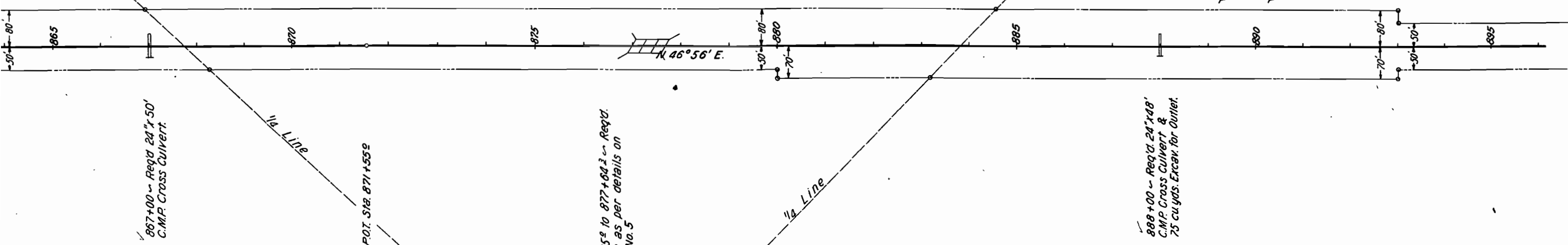
FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E*1	21	



NW 1/4 Sec. 8
T13 S R 76 W

NE 1/4 Sec. 8
T13 S R 76 W

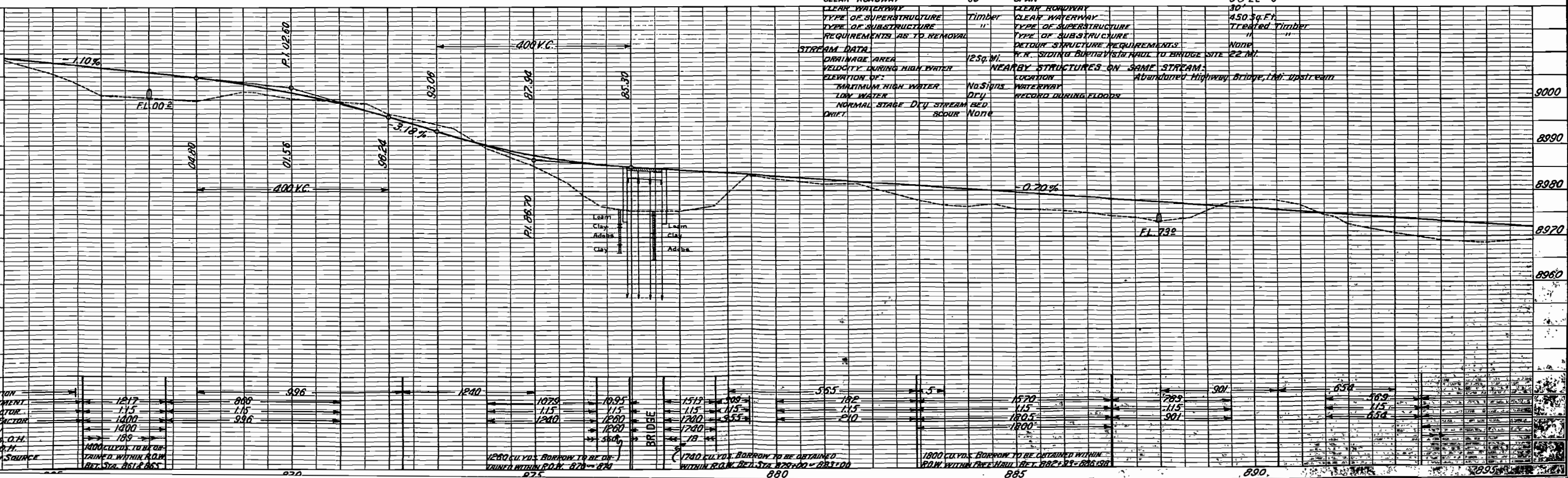
889+25 to 891+25 - Req'd.
200 lin ft. of Picket Snow
Fence on Lt. (2 pcs. @ 102')



SW 1/4 Sec. 8
T13 S R 76 W

**STRUCTURE NOTES FOR BRIDGE - STA. 876+95 TO
STA. 877+64 1/2 STRUCTURE NO. I-13-H**

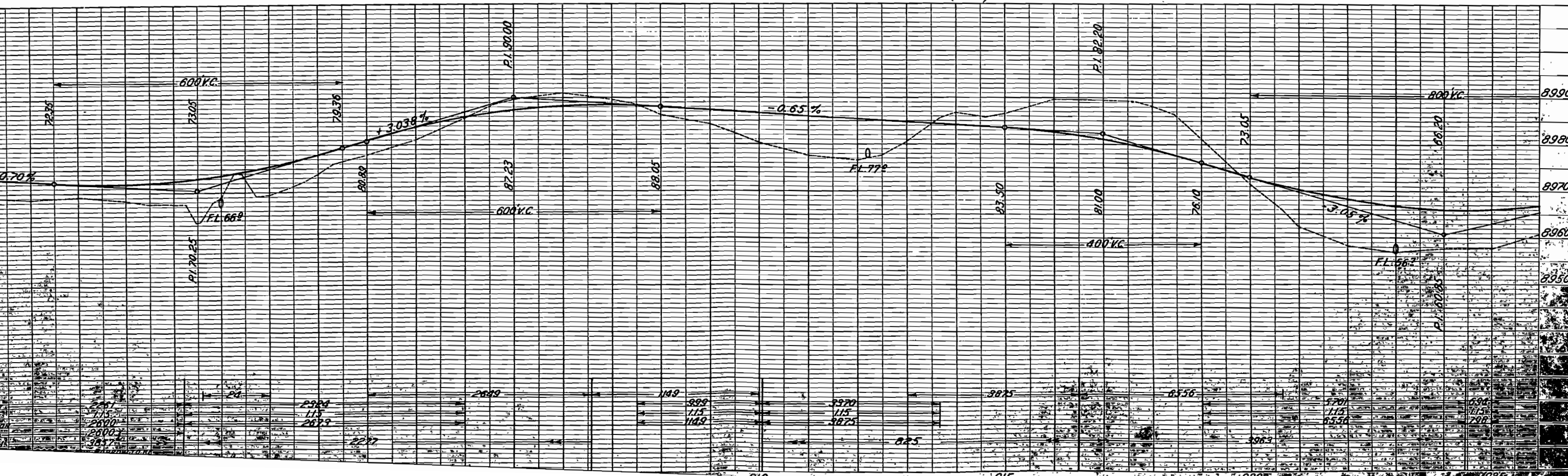
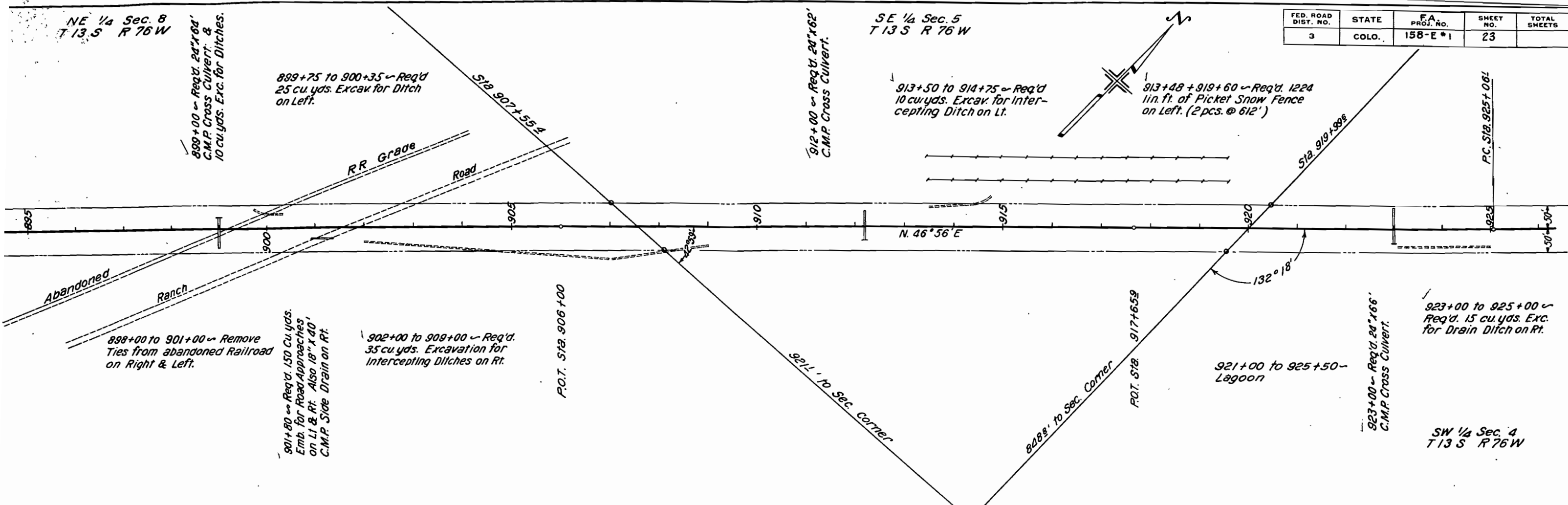
PRESENT STRUCTURE:		PROPOSED STRUCTURE:	
SPAN	30'	POSITION REFERRED TO PRESENT STRUCTURE	1 Mi. Downstream
CLEAR ROADWAY	30'	SPAN	30' 22'-6"
CLEAR WATERWAY		CLEAR WATERWAY	450 Sq. Ft.
TYPE OF SUPERSTRUCTURE	Timber	TYPE OF SUPERSTRUCTURE	Treated Timber
TYPE OF SUBSTRUCTURE	"	TYPE OF SUBSTRUCTURE	"
REQUIREMENTS AS TO REMOVAL		REQUIREMENTS AS TO REMOVAL	None
STREAM DATA		NEARBY STRUCTURES ON SAME STREAM:	Abandoned Highway Bridge, 1 mi. upstream
DRAINAGE AREA	125 sq. mi.	LOCATION	Abandoned Highway Bridge, 1 mi. upstream
VELOCITY DURING HIGH WATER		RECORD DURING FLOODS	
ELEVATION OF:			
MAXIMUM HIGH WATER	No Signs		
LOW WATER	Dry		
NORMAL STAGE DRY STREAM BED			
DRIFT	SCOUR		



NE 1/4 Sec. 8
T 13 S R 76 W

SE 1/4 Sec. 5
T 13 S R 76 W

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E*1	23	



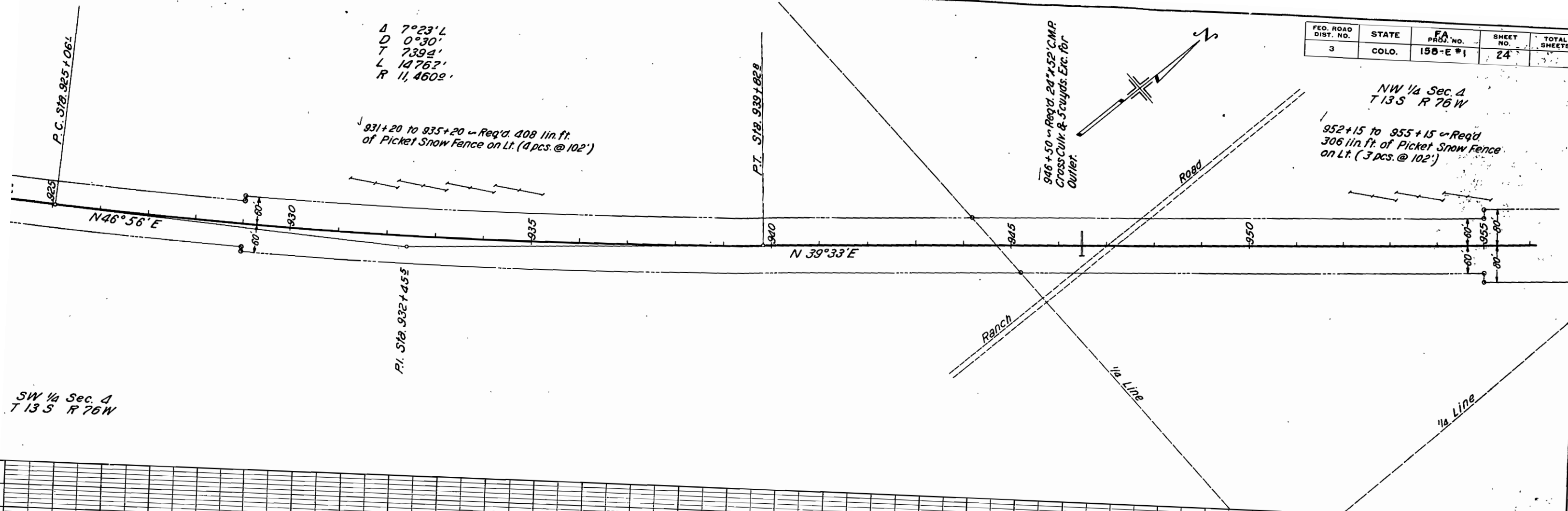
FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	24	

Δ 7°23' L
 D 0°30'
 T 7394'
 L 14762'
 R 11,4602'

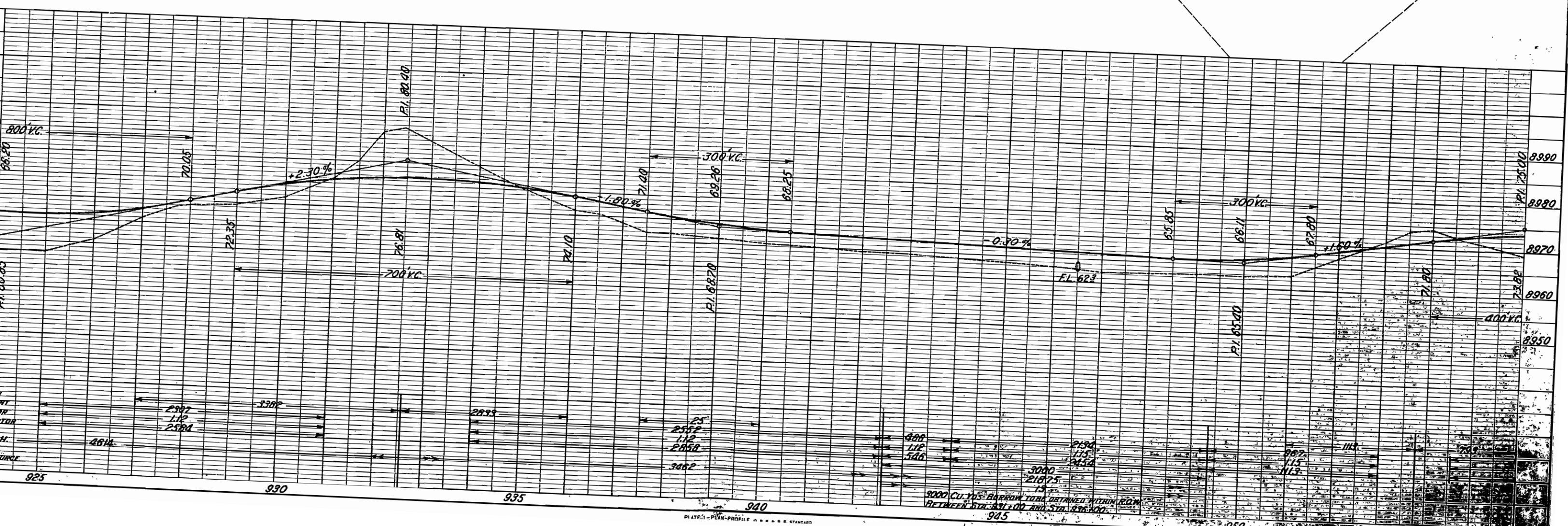
931+20 to 935+20 ~ Req'd 408 lin. ft.
 of Picket Snow Fence on Lt. (4 pcs. @ 102')

946+50 ~ Req'd 24"x52" C.M.P.
 Cross Culvert & 5 cu yds. Exc. for
 Outlet.

NW 1/4 Sec. 4
 T 13 S R 76 W
 952+15 to 955+15 ~ Req'd
 306 lin. ft. of Picket Snow Fence
 on Lt. (3 pcs. @ 102')



SW 1/4 Sec. 4
 T 13 S R 76 W

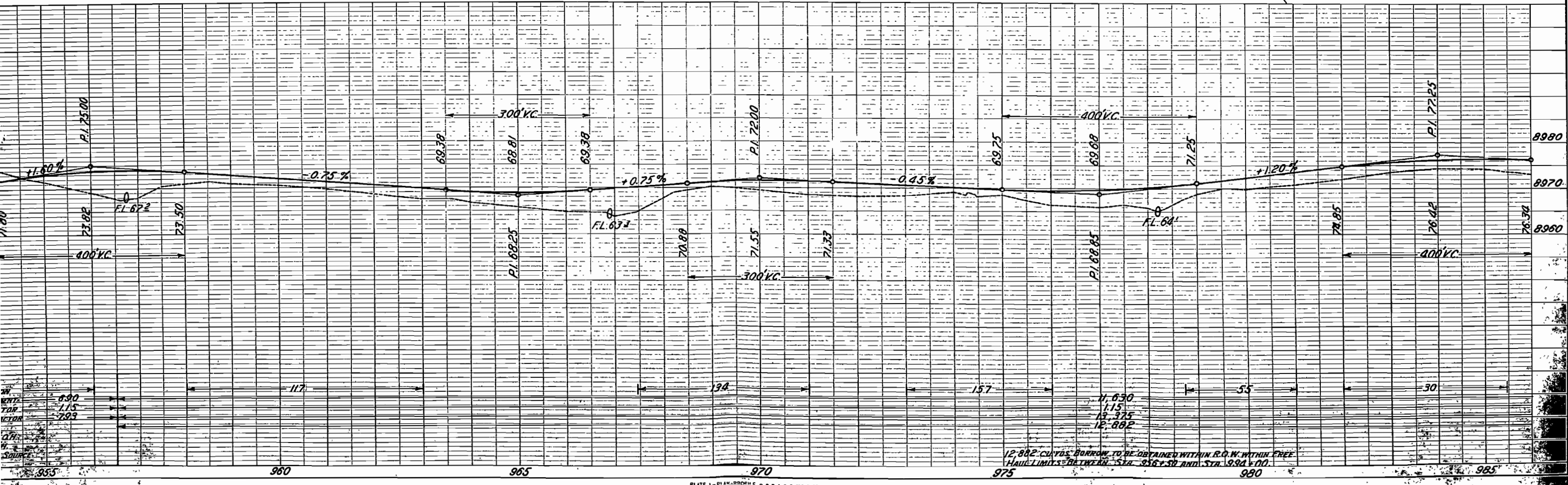
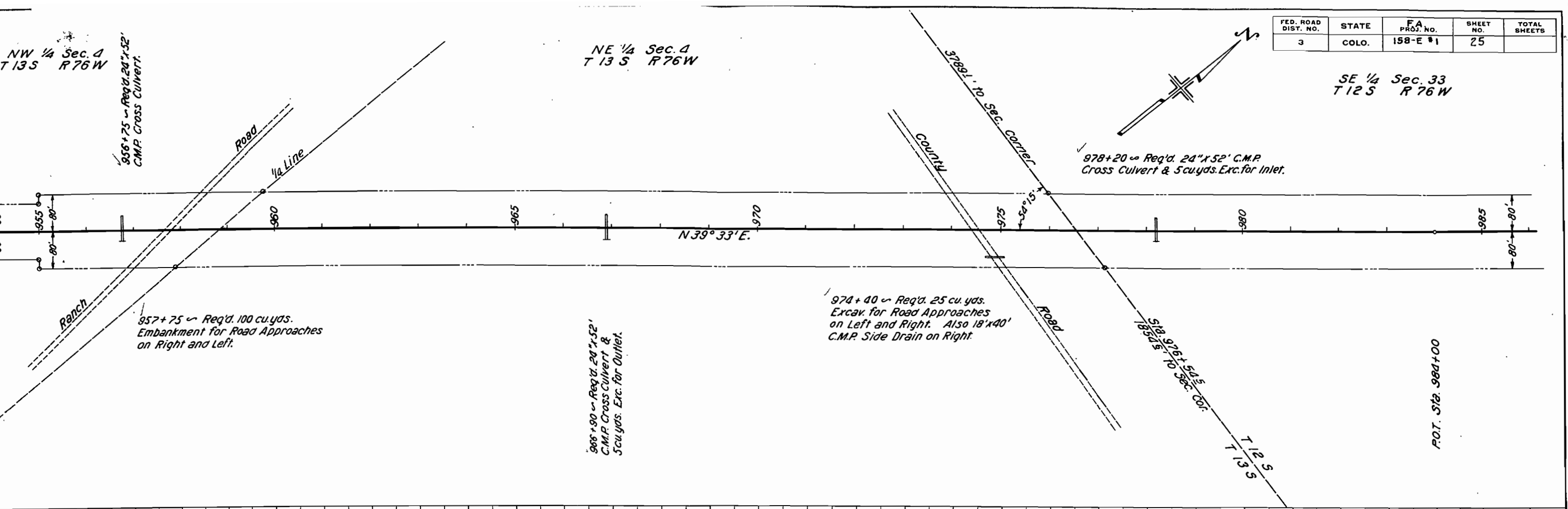


NW 1/4 Sec. 4
T 13 S R 76 W

NE 1/4 Sec. 4
T 13 S R 76 W

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	25	

SE 1/4 Sec. 33
T 12 S R 76 W



SE 1/4 Sec. 33
T 12 S R 76 W

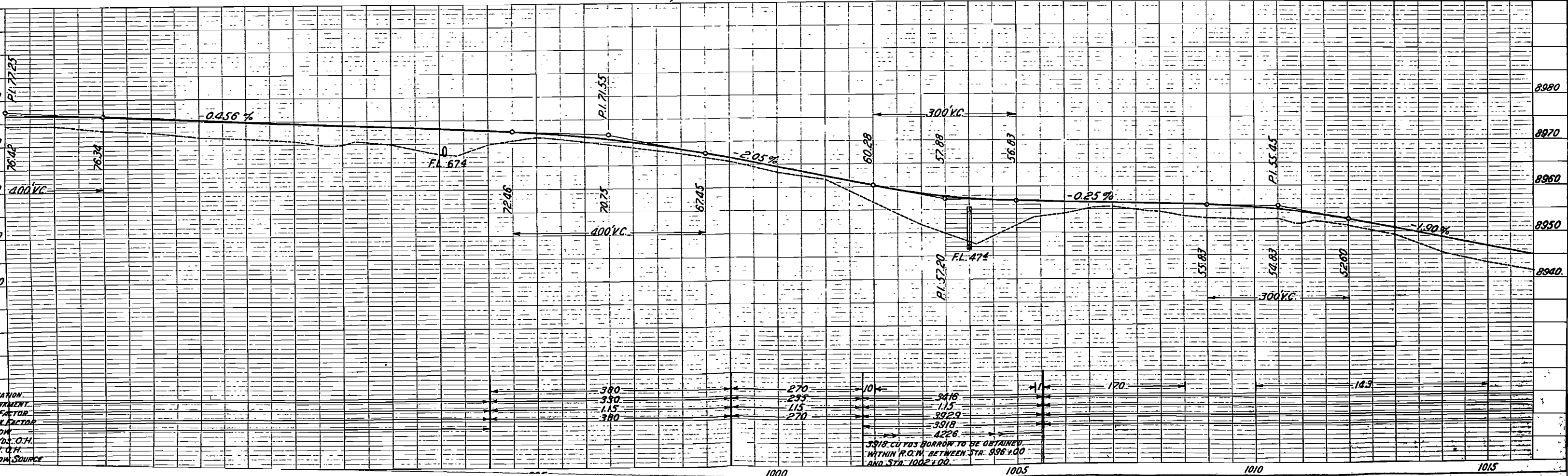
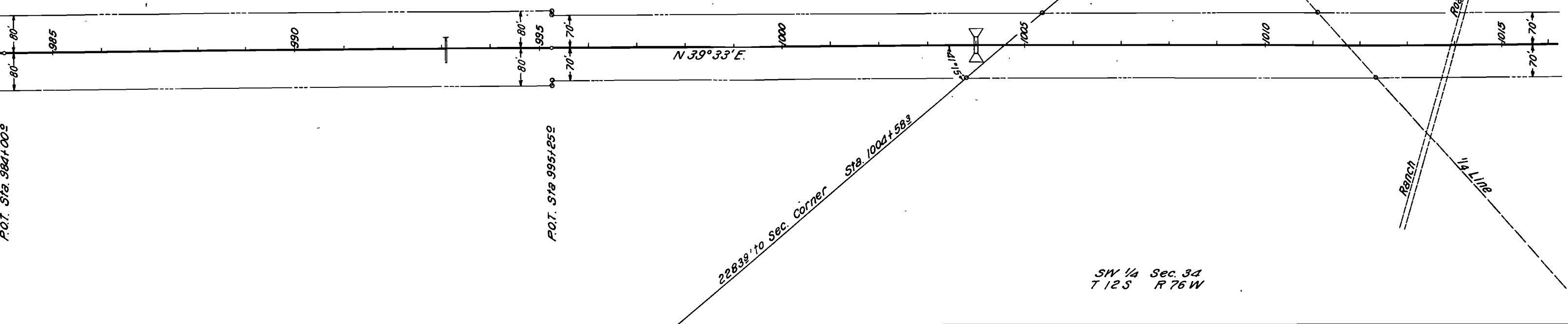
983+10 ~ Req'd. 24"x54"
C.M.P. Cross Culvert.

1004+00 ~ Req'd.
6"x7"x36" Conc. Box Culv.

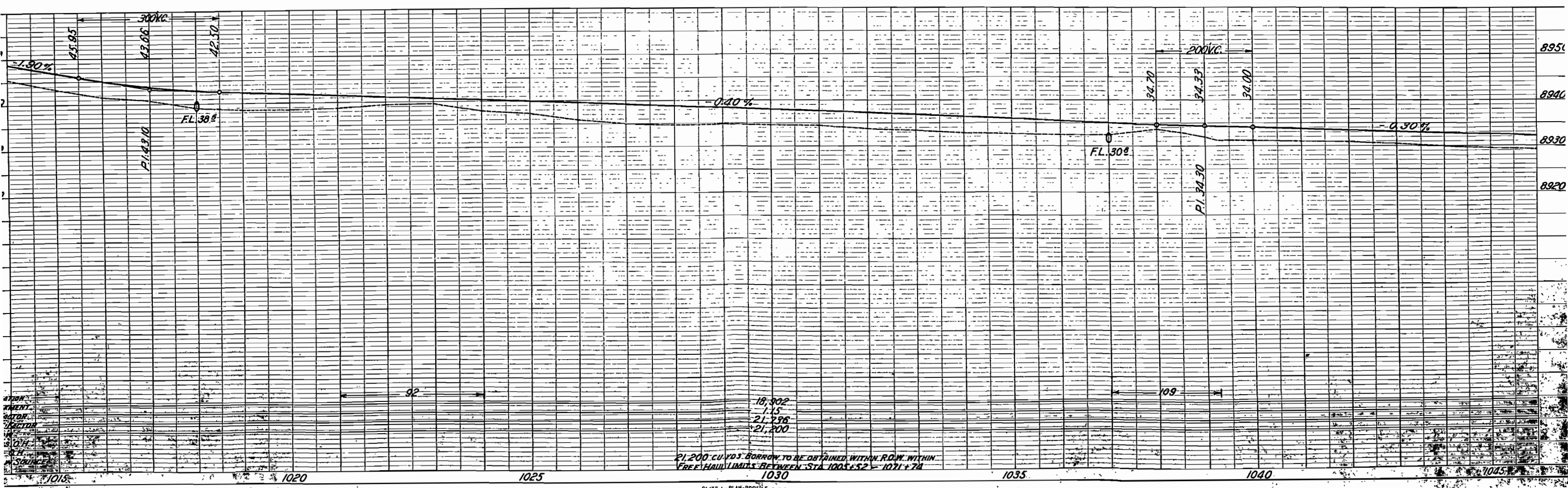
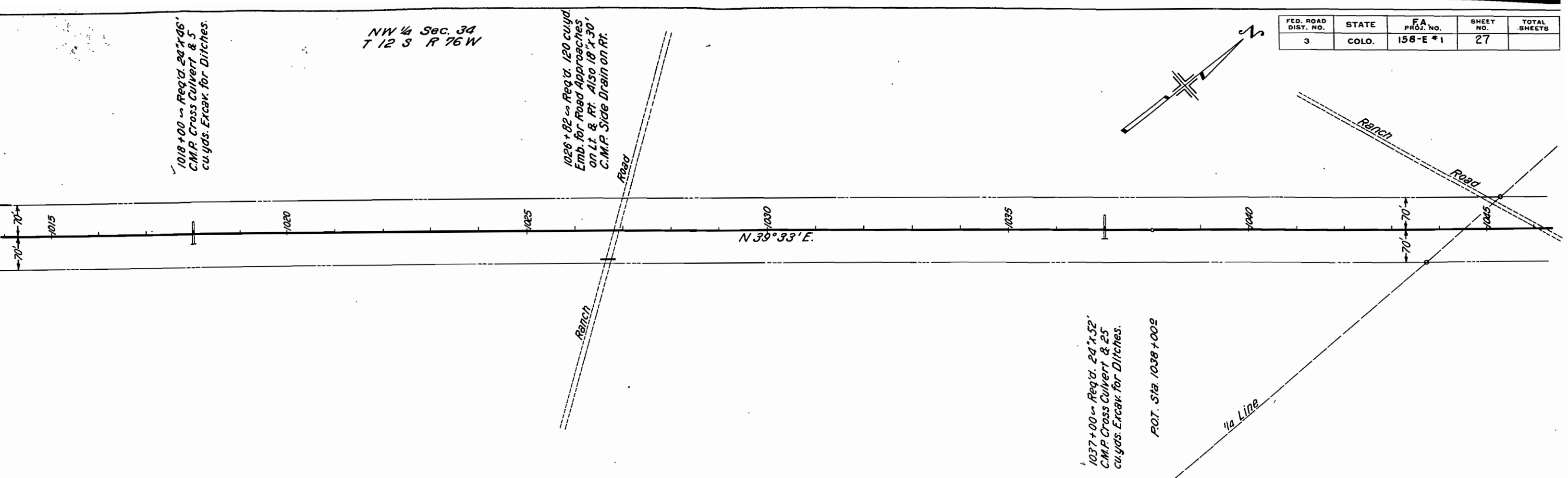
33,598' to Sec. Corner

NW 1/4 Sec. 34
T 12 S R 76 W

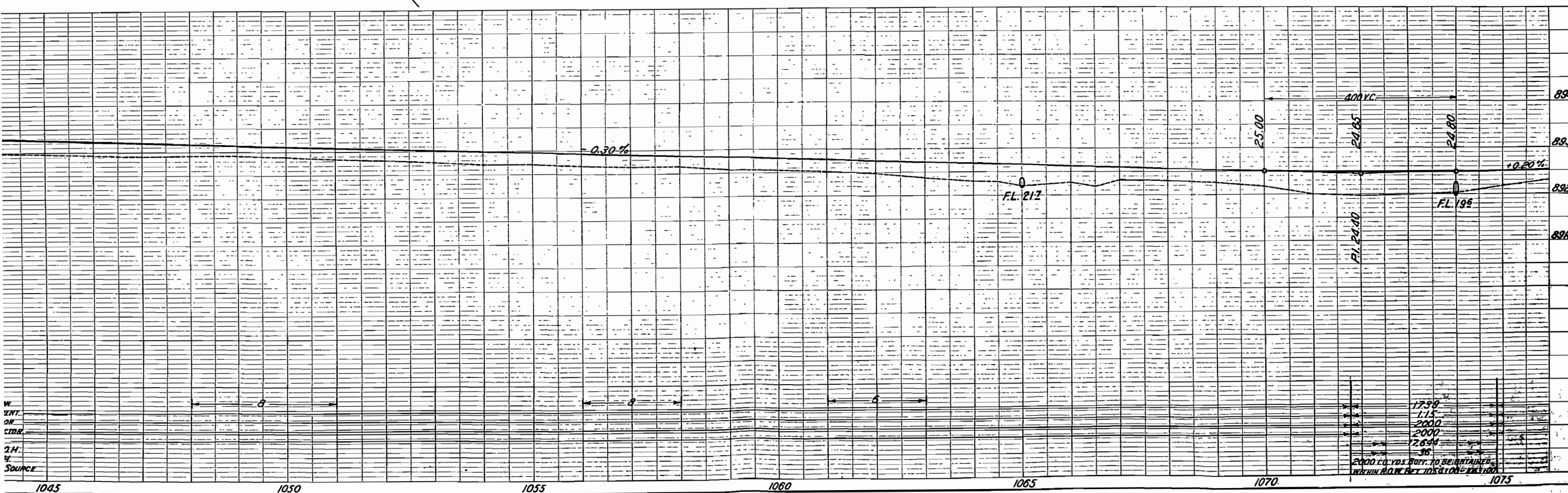
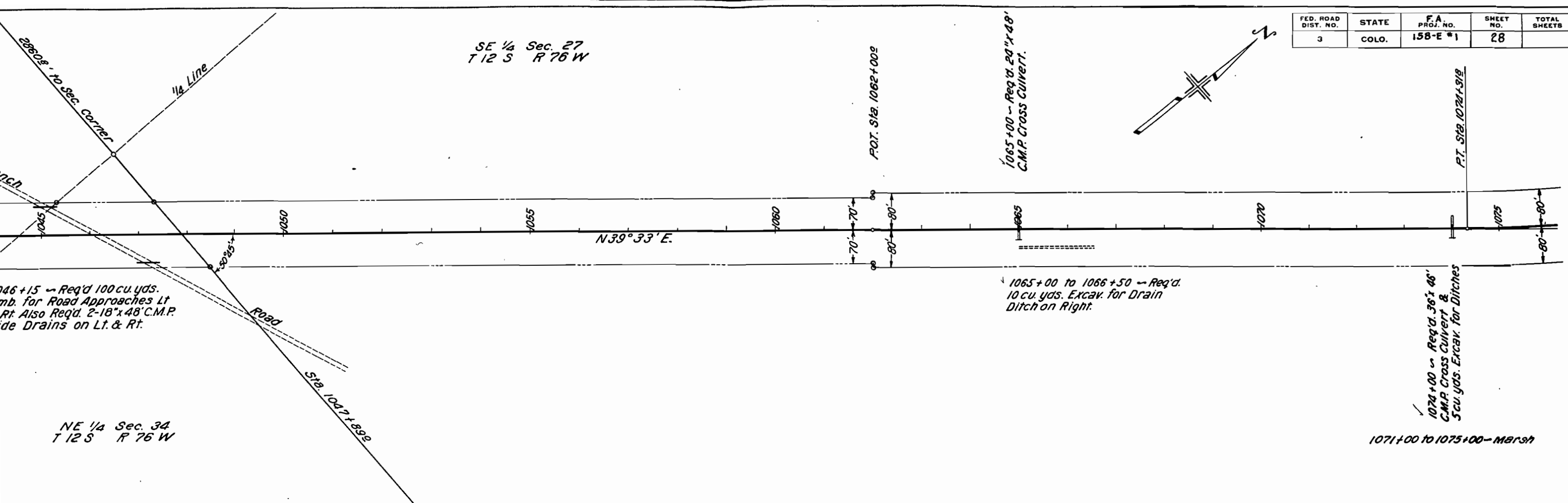
FED. ROAD DIST. NO.	STATE	FA. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	26	



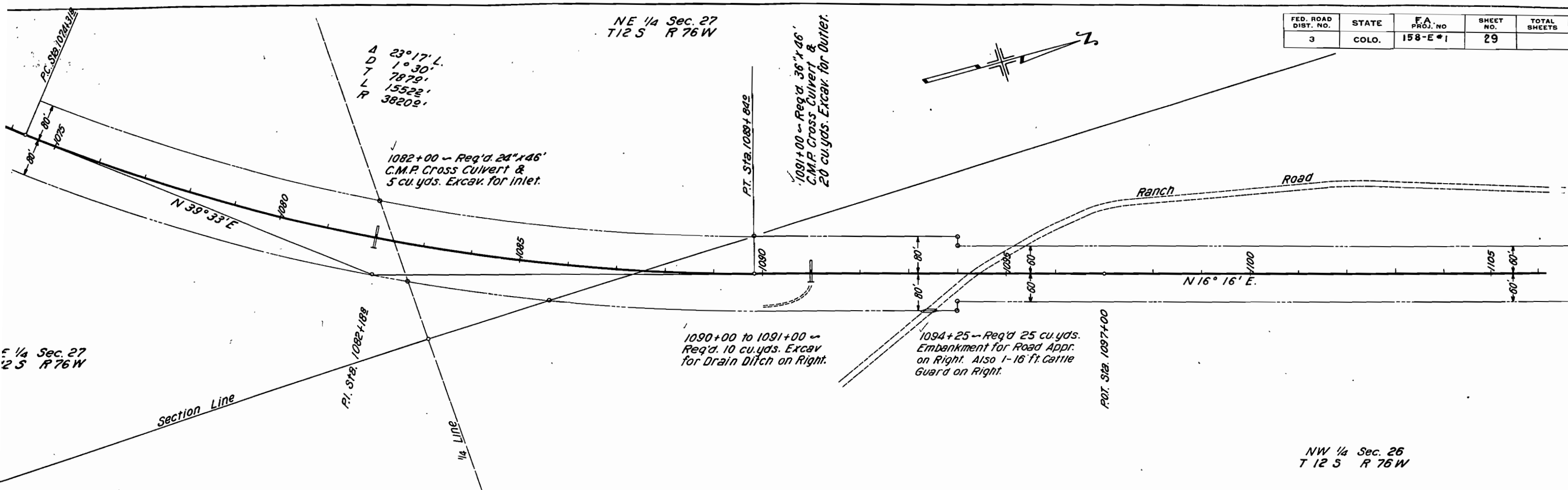
FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	27	



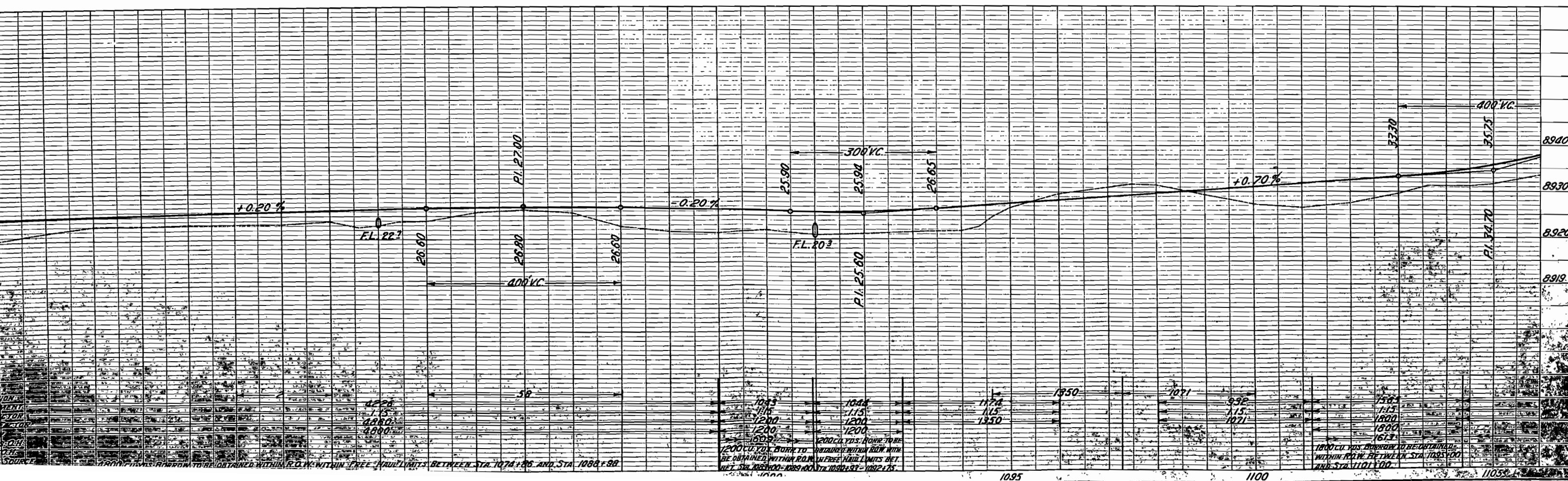
FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #1	28	



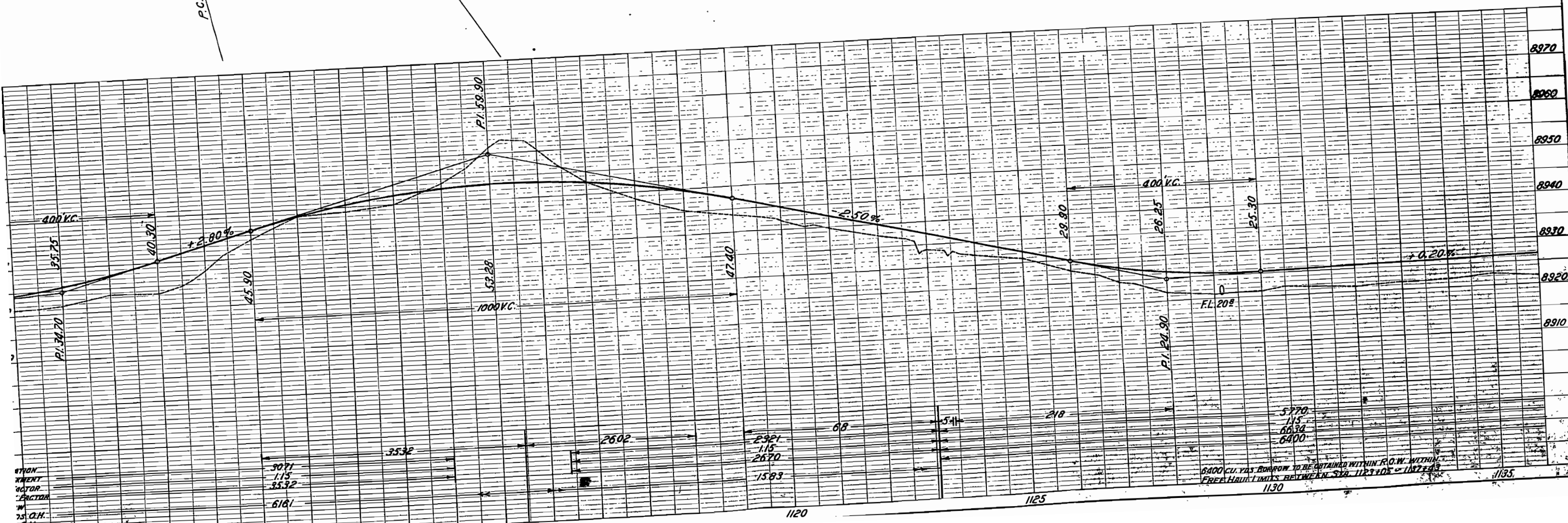
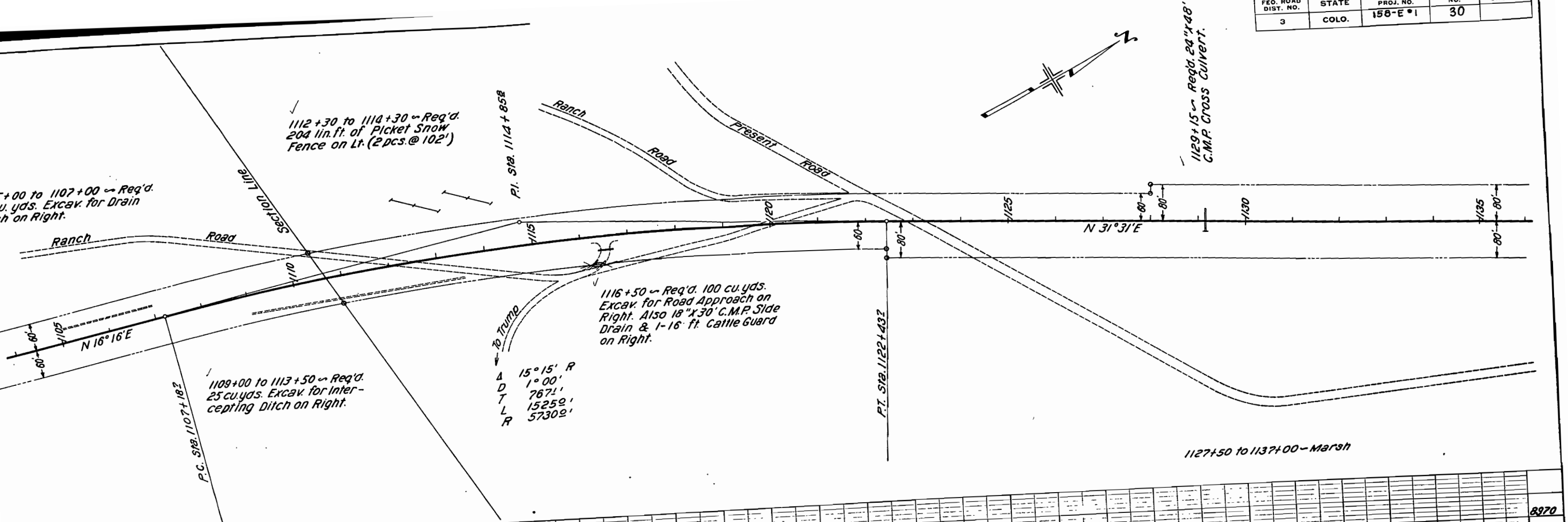
FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E-1	29	



NW 1/4 Sec. 26
T 12 S R 76 W



FED. ROAD DIST. NO.	STATE	PROJ. NO.	NO.
3	COLO.	158-E*1	30



SW 1/4 Sec. 23
T 12 S R 76 W

NW 1/4 Sec. 23
T 12 S R 76 W

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E*1	31	

Revised by RMA 10-15-37 Present Str shown removed

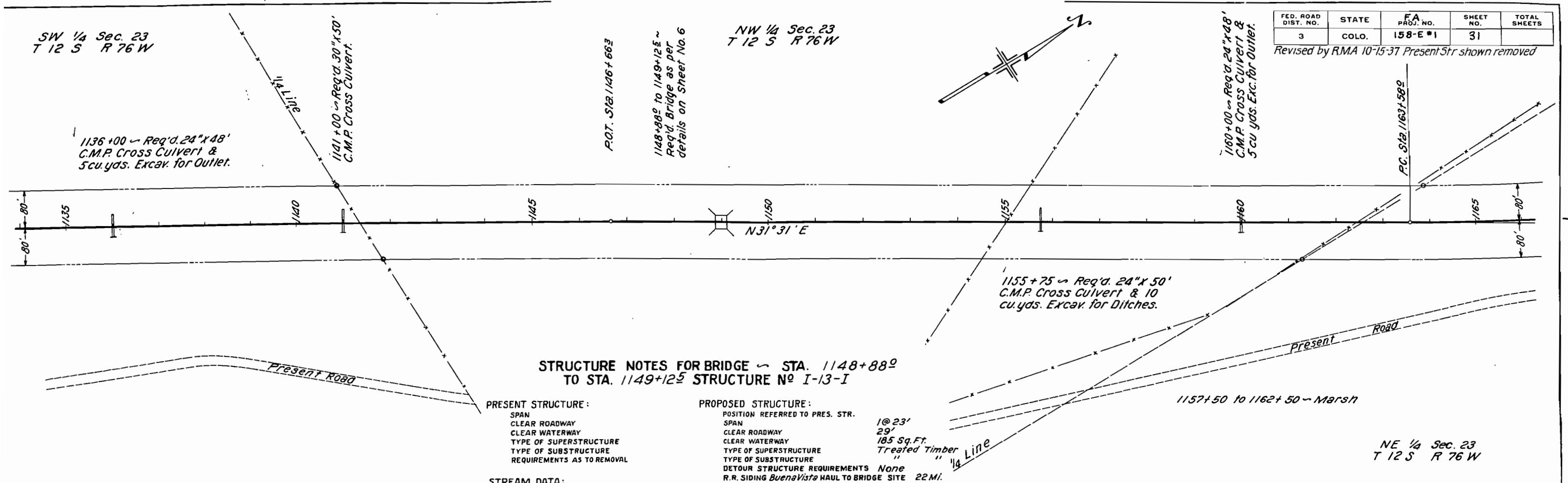
1136+00 ~ Req'd. 24" x 48'
C.M.P. Cross Culvert &
5 cu. yds. Excav. for Outlet.

1141 + 00 ~ Req'd. 30" x 50"
C.M.P. Cross Culvert.

P.O.T. Sta. 1146+66.3

1148+88⁰ to 1149+12⁵ ~
Req'd. Bridge as per
details on Sheet No. 6

1160+00 ~ Req'd. 24" x 48"
C.M.P. Cross Culvert &
5 cu yds. Exc. for Outlet.



STRUCTURE NOTES FOR BRIDGE ~ STA. 1148+88⁰
TO STA. 1149+12⁵ STRUCTURE NO I-13-I

PRESENT STRUCTURE :

SPAN
CLEAR ROADWAY
CLEAR WATERWAY
TYPE OF SUPERSTRUCTURE
TYPE OF SUBSTRUCTURE
REQUIREMENTS AS TO REMOVAL

PROPOSED STRUCTURE:

POSITION REFERRED TO PRES. STR.

SPAN	1@23'
CLEAR ROADWAY	29'
CLEAR WATERWAY	185 Sq. Ft.
TYPE OF SUPERSTRUCTURE	Treated Timber
TYPE OF SUBSTRUCTURE	" "
DETOUR STRUCTURE REQUIREMENTS	None
R.R. SIDING	Buena Vista HAUL TO BRIDGE SITE 22 Mi.

STREAM DATA:

DRAINAGE AREA IN SQ. MI.		100
VELOCITY DURING HIGH WATER		
ELEVATION OF:		
MAXIMUM HIGH WATER		
LOW WATER		
NORMAL STAGE		
Dry		STRE

~~NEARBY STRUCTURES - SAME STREAM~~

LOCATION	-	-
WATERWAY	-	-
RECORD DURING FLOODS		

