

COLORADO STATE HIGHWAY DEPARTMENT

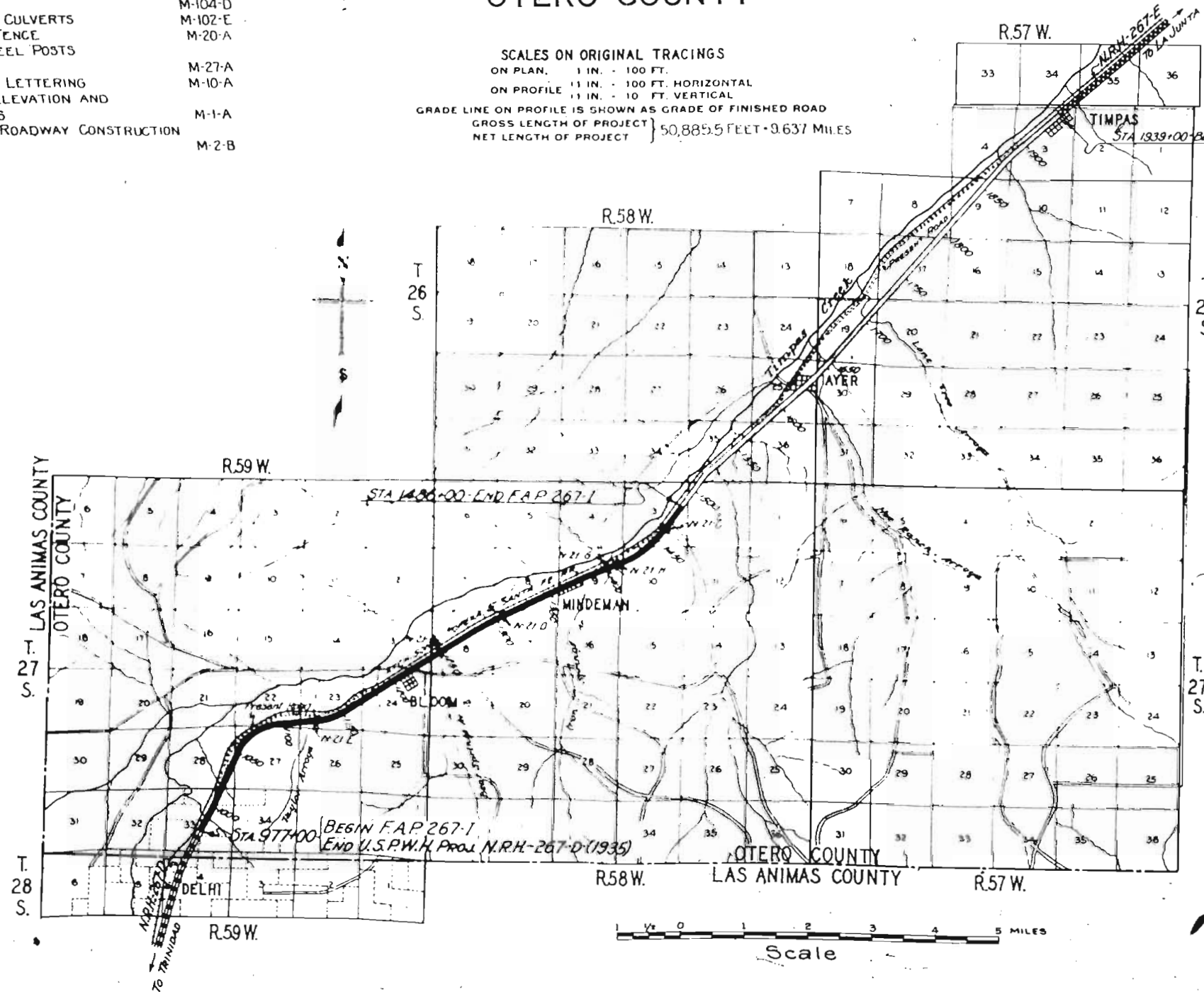
PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 267-1 STATE HIGHWAY NO. ~~12~~ 350 OTERO COUNTY

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CONVENTIONAL SIGNS

Center Line of Survey ———— 1003
 Right of Way Line ————
 Township Line ————
 Section Line ————
 One Quarter Section Line ————
 Fence ————
 Present Road ————
 Telephone Line ————
 Railroad ————

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 } 50,885.5 FEET = 9.637 MILES
 NET LENGTH OF PROJECT }

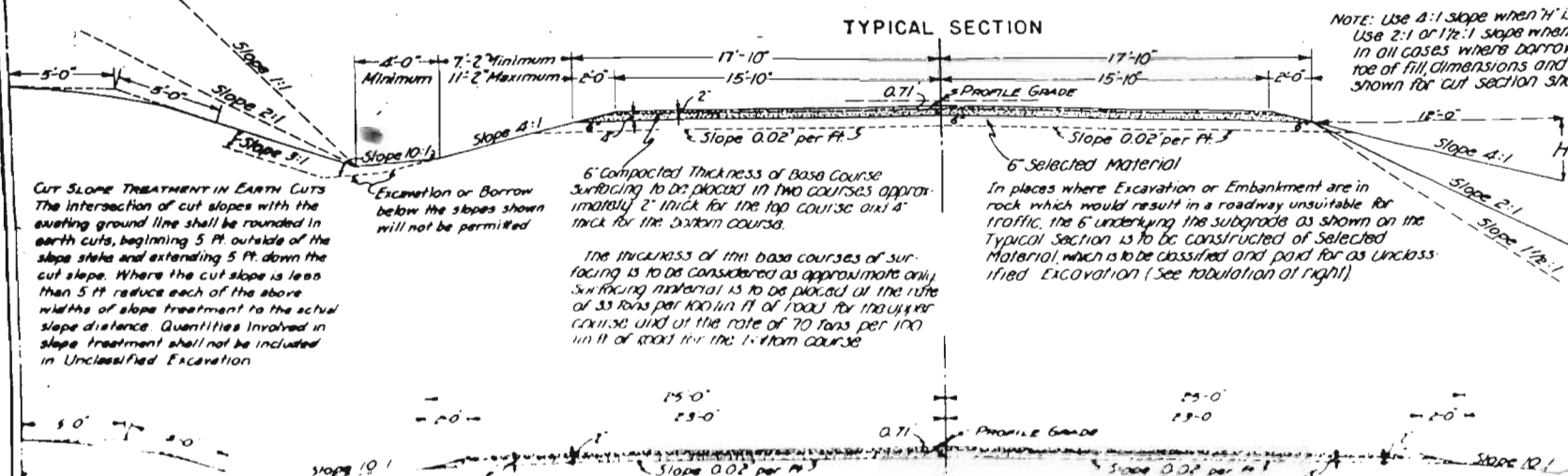


NOTE
 It is recommended that bidders on this Project obtain the plan details with one of the following field representatives of this Department.
 J. D. Bell, Division Engineer, Pueblo, Colorado.

RECOMMENDED FOR APPROVAL 10/12/36
 APPROVED
 RECOMMENDED FOR APPROVAL
 RECOMMENDED FOR APPROVAL
 RECOMMENDED FOR APPROVAL
 APPROVED
 DIRECTOR BUREAU PUBLIC WORKS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	267-1	2	

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES



CUT SLOPE TREATMENT IN EARTH CUTS
The intersection of cut slopes with the existing ground line shall be rounded in earth cuts, beginning 5 ft. outside of the slope stake and extending 5 ft. down the cut slope. Where the cut slope is less than 5 ft. reduce each of the above widths of slope treatment to the actual slope distance. Quantities involved in slope treatment shall not be included in Unclassified Excavation.

Excavation or Borrow below the slopes shown will not be permitted.

The thickness of the base course of surfacing is to be considered as approximate only. Surfacing material is to be placed at the rate of 33 tons per 100 lin. ft. of road for the upper course and at the rate of 70 tons per 100 lin. ft. of road for the bottom course.

TYPICAL SECTION TO BE 125'-0" BETWEEN STA 1205+65 TO 1240+00 AND STA 1366+00 TO 1370+00

6" Compacted Thickness of Base Course Surfacing to be placed in two courses approximately 2" thick for the top course and 4" thick for the bottom course.

SELECTED MATERIAL
6" inches of Selected Material will be required on Subgrade between stations listed below. It is estimated that the material will be obtained on highway R.O.W. within 1000 ft. of where required. This material shall be placed on the subgrade at the rate of 70 Cu Yds per 100 lin. ft. of roadway. Estimated quantities involved in this operation are shown in tabulation below:

MATERIAL REQUIRED STATION TO STATION	QUANTITY CU YDS	OVERHAUL STA. YD.
1185+00 to 1188+00	210	1050
1197+00 to 1200+00	210	1050
1225+00 to 1228+00	210	1050
TOTALS	630	3150

R.O.W. MARKERS

STATION	SIDE	No.	STATION	SIDE	No.	STATION	SIDE	No.
980+79.5	R	1	1216+72.1	R	1	1418+57	L	1
982+82.4	L	1	1231+63.1	R	3	1415+26	L	1
987+58	L	1	1235+93.5	R	1	1439+79	L	1
988+33	R	1	1236+59.9	L	1	1441+52	R	1
1007+66.6	R	2	1240+00	R	4	1445+20	R	1
1016+88	L	1	1258+76	L	1	1458+87	L	1
1017+52	R	1	1261+95	R	1	1451+44	L	2
1032+00	R	2	1266+12	R	1	1475+20	L	1
1042+78.1	L	1	1267+45	L	1	1475+95	R	1
1044+97.9	L	1	1270+76.4	R	4			
1045+106	L	1	1286+10	R	1			
1046+108	R	1	1286+22	L	1			
1061+33	R	1	1290+71	L	1			
1062+18	R	1	1296+85	L	1			
1081+68	L	1	1314+89	L	1			
1088+102	R	1	1315+51	L	1			
1089+38.8	R	1	1317+60	R	1			
1089+77.2	L	1	1318+12	R	1			
1111+43	L	1	1325+82.4	R	1			
1111+50	L	1	1328+34.2	L	1			
1120+00	R	4	1355+48	R	1			
1130+00	R	4	1355+58.4	R	1			
1131+80	R	1	1356+10.2	L	1			
1134+17	L	1	1366+70	R	2			
1168+50	R	1	1370+00	R	2			
1168+68	L	1	1378+31	L	1			
1171+11.5	L	1	1379+25	R	1			
1172+61	R	1	1381+45	L	1			
1173+36	R	1	1384+77.8	R	1			
1181+26.1	R	3	1385+87	L	1			
1201+11	L	1	1385+45	L	1			
1205+21.9	R	2	1385+00	R	4			
1216+14	L	1	1413+46	R	1			
			1414+92	R	1			
TOTALS						TOTALS		
						31'-0" ROADWAY		
						45'-0"		
						PROJ. TOTAL		108

SUMMARY OF APPROXIMATE QUANTITIES

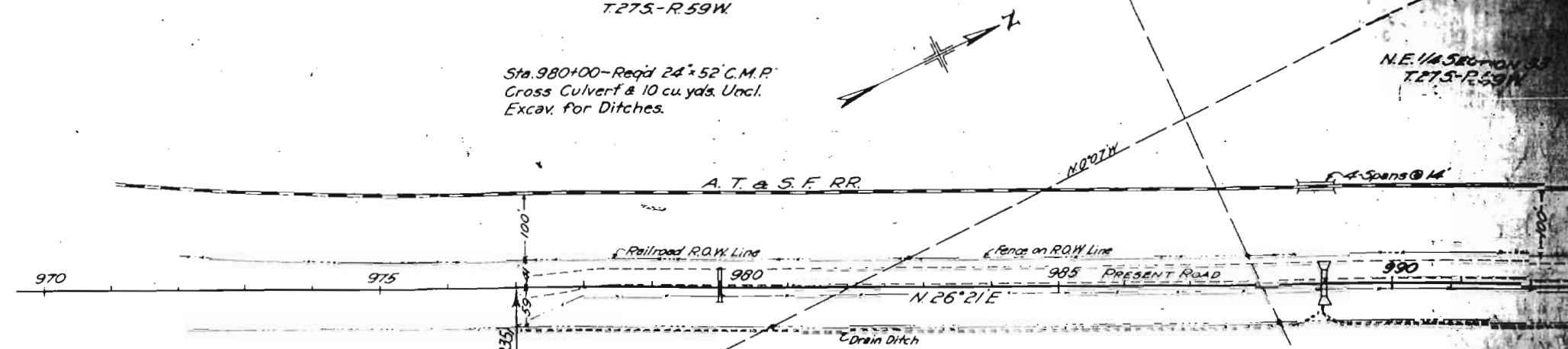
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
101	Unclassified Shrubbing TWING Project	Lump Sum				101	Unclassified Shrubbing TWING Project	Lump Sum			
102	Removal of Existing Structure (30' x 12' x 12')	CU YD	12,000	1.00	12,000	102	Removal of Existing Structure (30' x 12' x 12')	CU YD	12,000	1.00	12,000
103	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	103	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
104	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	104	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
105	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	105	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
106	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	106	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
107	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	107	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
108	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	108	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
109	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	109	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
110	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	110	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000
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203	Gravel or Crushed Rock Surfacing	CU YD	1,000	1.00	1,000	203	Gravel				

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLO.	257-1	25	25

S.W. 1/4 SECTION 33
T.27S-R.59W.

Sta. 980+00-Reqd 24'x52' C.M.P.
Gross Culvert & 10 cu. yds. Uncl.
Excav. for Ditches.

N.E. 1/4 SECTION 33
T.27S-R.59W.



Sta. 977+00-989+00-Reqd 250 cu. yds. Uncl.
Excav. for Drain Ditch Rt.

Sta. 989+00-Reqd 6'x6'x40' Conc.
Box Culvert & 200 cu. yds.
Uncl. Excav. for Ditches &
Remove 16'x24' C.M.P. Culvert

NOTE: All poles encroaching on construct-
ion are to be moved by owners.
Fencing Requirements, Gates, and Right
of Way Markers are tabulated on Sheet
No. 2.

S.E. 1/4 SECTION 33
T.27S-R.59W.

Sta. 977+00-End USFVH R. NRH-267-D (1935)
-BEGIN F.A.P. 267-1

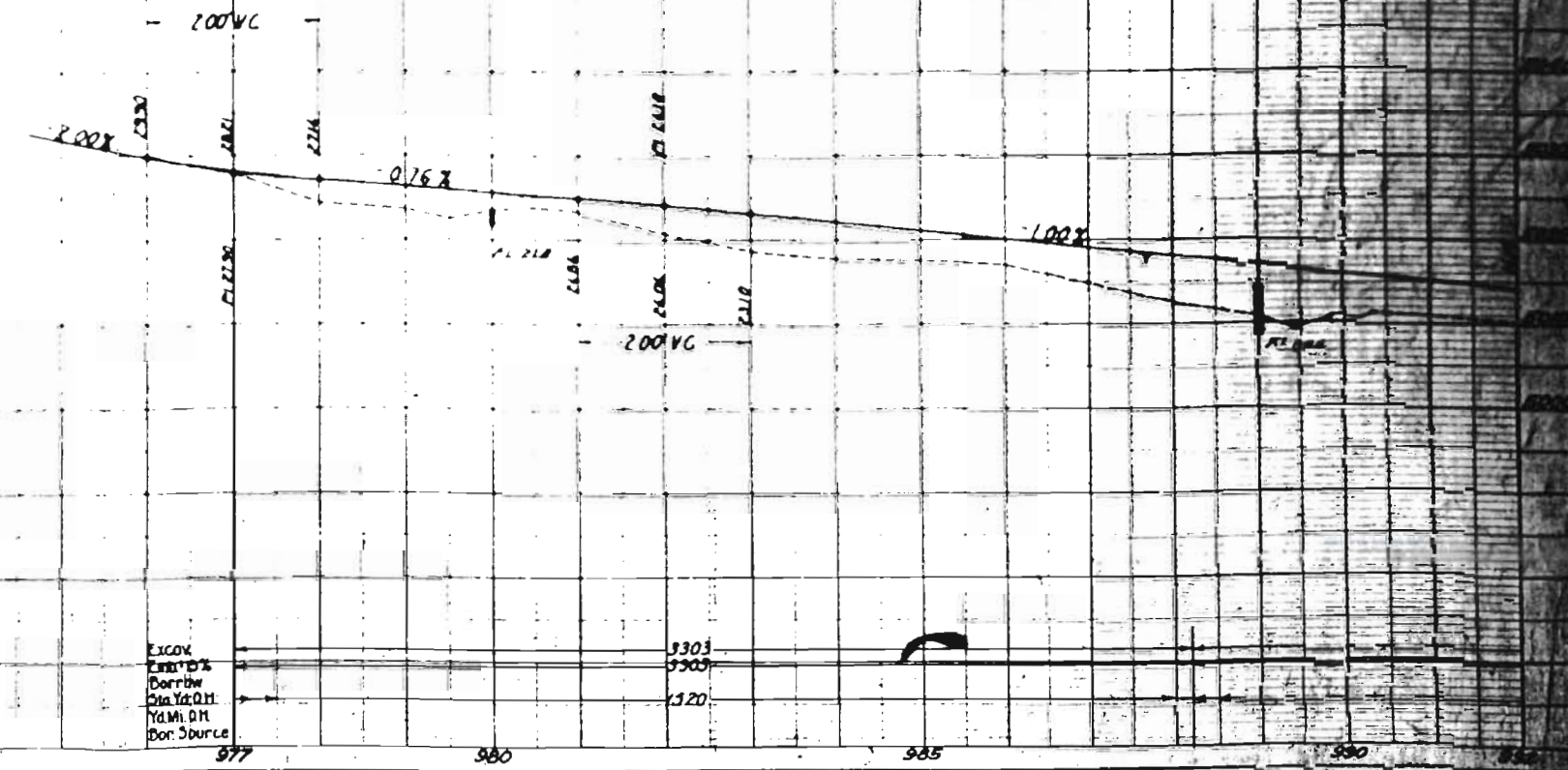


PLATE - PLAN PROFILE - 1/2" = 1' HORIZONTAL
1" = 10' VERTICAL

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	PROJECT NO.
1	COLO.		24

N.E. 1/4 SECTION 33
T.27S-R.59W.

S.E. 1/4 SECTION 29
T.27S-R.59W.

$\Delta = 2^{\circ}00' L$
 $D = 0^{\circ}30'$
 $T = 2000.0'$
 $L = 4000.0'$
 $R = 11460.0'$

P.T. 1007+66.6 Back-
1007+66.3 Ahead

AT&SFRR

Fence on ROW Line 2

N.26°21'E

Drain Ditch

PRESENT ROAD

N.24°21'E

Sta 999+00 1009+40 - Reqd 500 cu yds Uncl. Excav
for Drain Ditch Rt

Sta 1002+25 - Remove 24" x 28"
C.M.P. Culvert

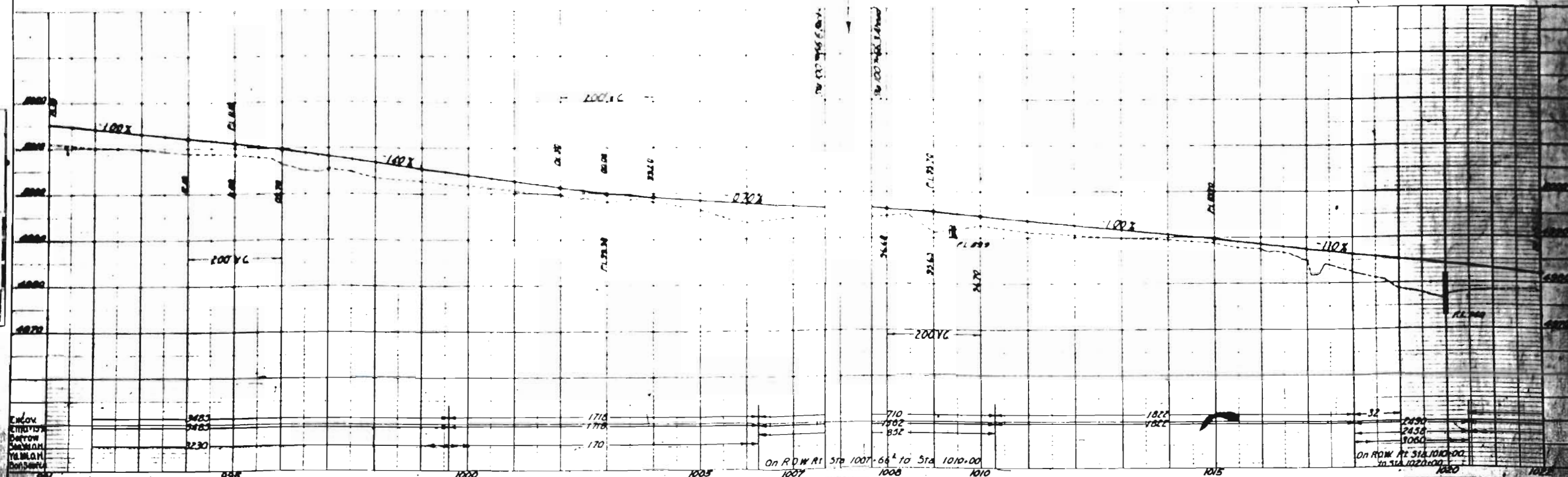
Sta 1006+15 - Remove 24" x 28"
C.M.P. Culvert

Sta 1009+40 - Reqd Double 36" x 58"
C.M.P. Cross Culvert

Sta 1009+40 - 1020+00 - Reqd 220
cu yds Uncl. Excav for Drain Ditch Rt

Sta 1020+00 - Reqd 6' x 7' x 40' Conc. Box Culvert
& 100 cu yds Uncl. Excav for Ditch

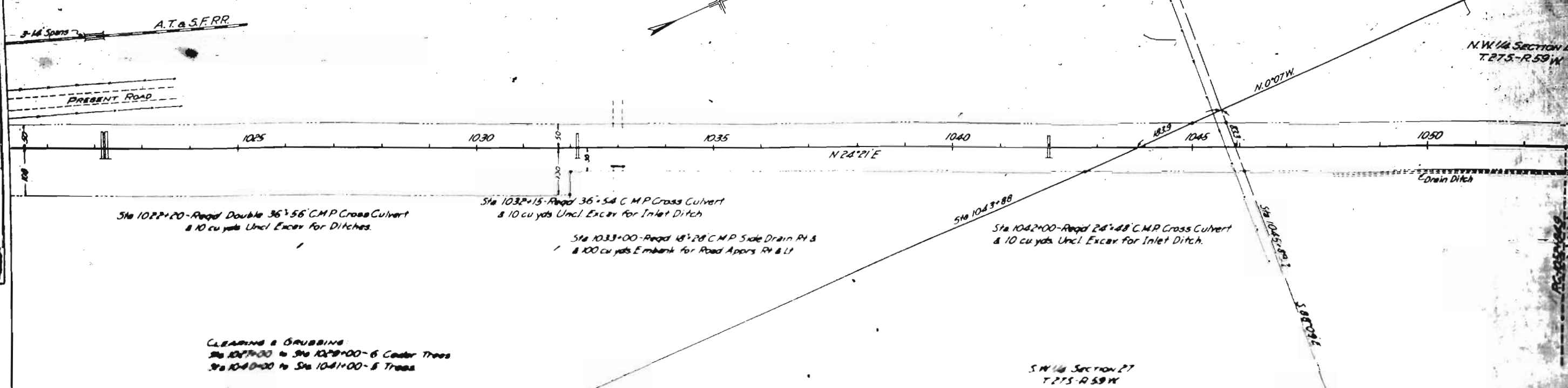
EQUATION



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
2	COLO.	267-1	25

S.E. 1/4 SECTION 28
T.27S-R.59W

N.W. 1/4 SECTION 27
T.27S-R.59W



Sta 1022+20 - Reqd Double 36" x 56" C.M.P. Cross Culvert
& 10 cu yds Uncl. Excav for Ditches.

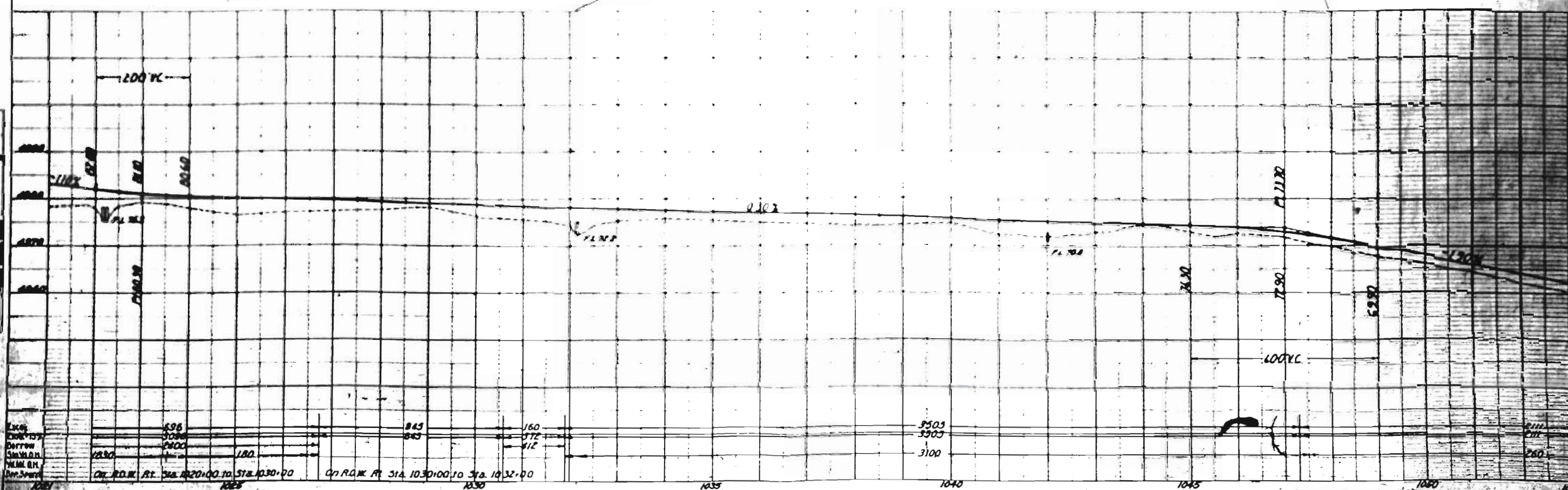
Sta 1032+15 - Reqd 36" x 54" C.M.P. Cross Culvert
& 10 cu yds Uncl. Excav for Inlet Ditch

Sta 1033+00 - Reqd 18" x 28" C.M.P. Side Drain Rt. &
& 100 cu yds Embank for Road Apprs Rt. & Lt.

Sta 1042+00 - Reqd 24" x 48" C.M.P. Cross Culvert
& 10 cu yds Uncl. Excav for Inlet Ditch.

CLEARING & GRUBBING
Sta 1027+00 to Sta 1029+00 - 6 Cedar Trees
Sta 1040+00 to Sta 1041+00 - 5 Trees

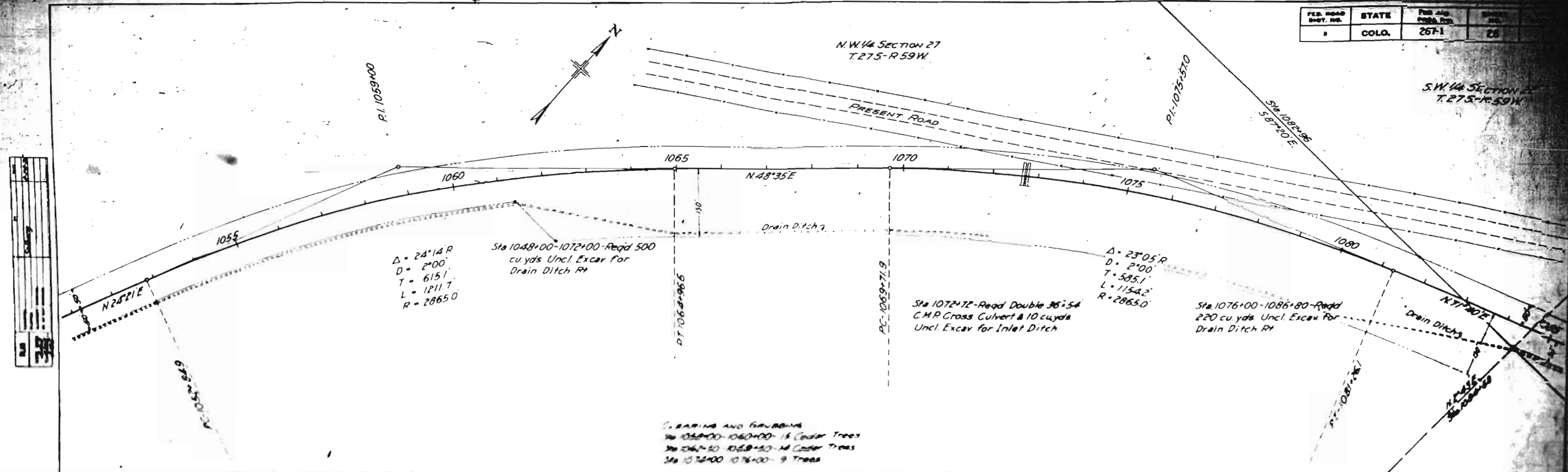
S.W. 1/4 SECTION 27
T.27S-R.59W



Sta	1025	1030	1035	1040	1045	1050
Prop. Road	3010	3020	3030	3040	3050	3060
Existing Ground	3010	3020	3030	3040	3050	3060

PLATE 1 - PLAN PROFILE - 11' x 17' x 11' INCHES
THE FOLLOWING SCALE IS USED:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
1	COLO.	267-1	26



CLEARING AND GRUBBING
 Sta 1058+00-1060+00- 16 Cedar Trees
 Sta 1060+50-1062+50- 14 Cedar Trees
 Sta 1072+00-1074+00- 9 Trees

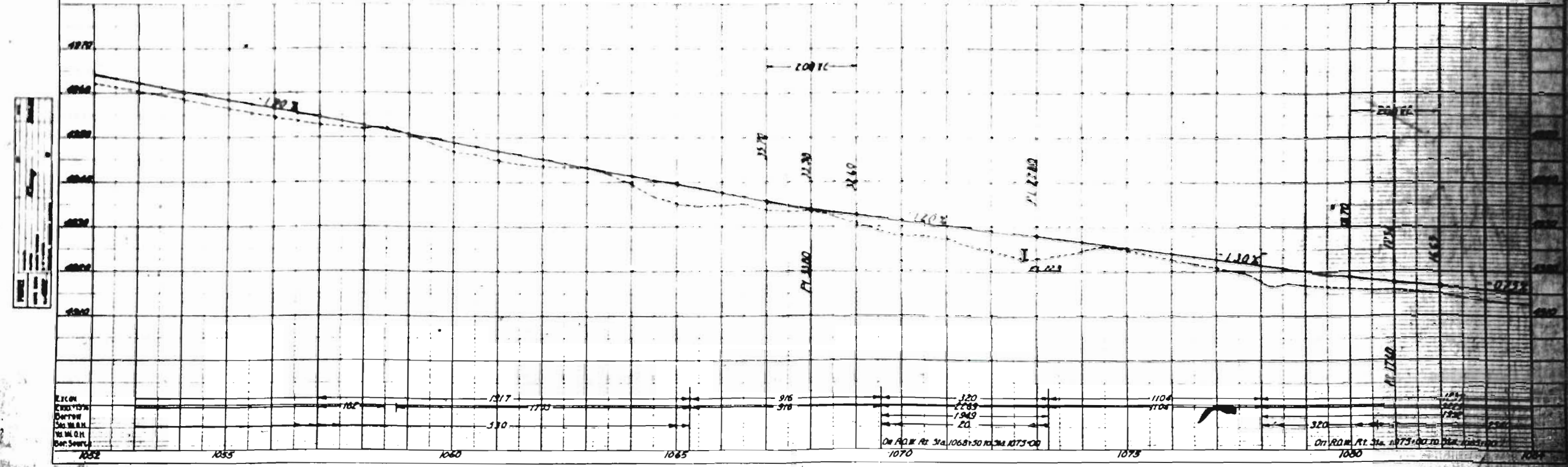


PLATE 1-PLAN PROFILE AND CROSS-SECTION
 THE FOLLOWING PLAN ED. DITCHED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
2	COLORADO	267-1	27

SW 1/4 SECTION 22
T27S-R59W

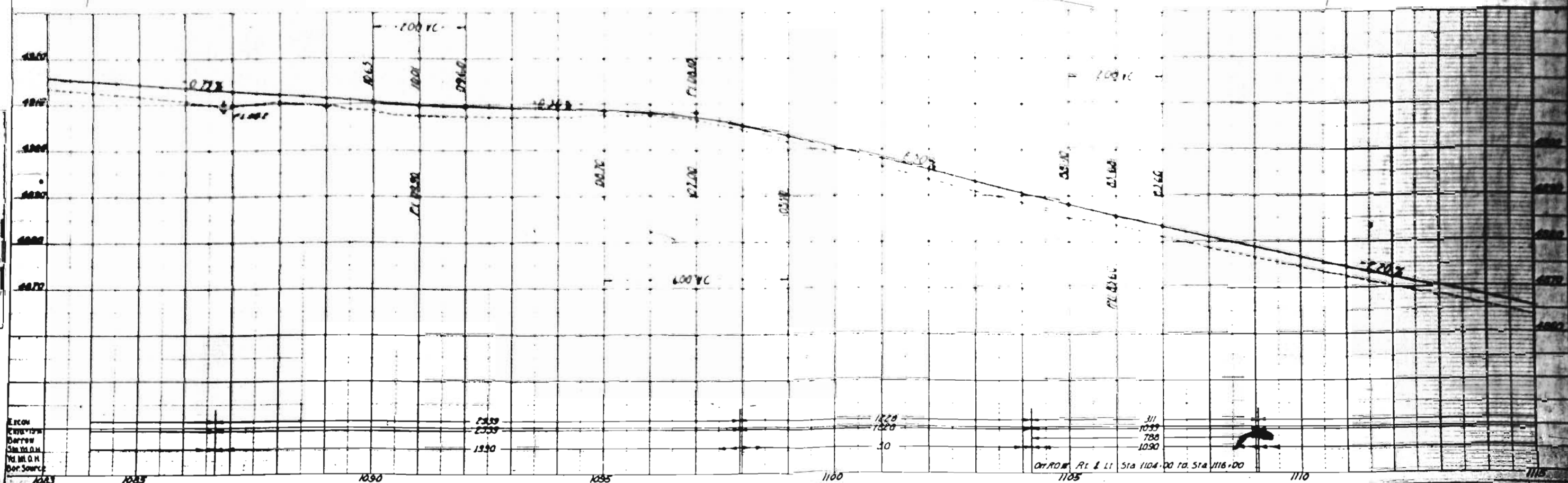
SE 1/4 SECTION 22
T27S-R57W

SW 1/4 SECTION 22
T27S-R57W

Sta. 1086+80-Req'd 36 $\frac{1}{2}$ 52' C.M.P. Cross Culvert
& 10 cu. yds. Uncl. Excav. for Inlet Ditch.
Sta. 1087+00-Req'd 150 cu. yds. Embank. for
Road Approaches Rt. & Lt.

Sta 1096+00-1120+00-Req'd 500 cu yds Uncl
Excav for Drain Ditch Rt

$\Delta = 16^{\circ}00'R$
 $D = 1^{\circ}00'$
 $T = 805.3$
 $L = 16000$
 $R = 5730.0$



ERCON
KING'S
BARRON
SIMPSON
V.L. M.L. O.H.
Per Source

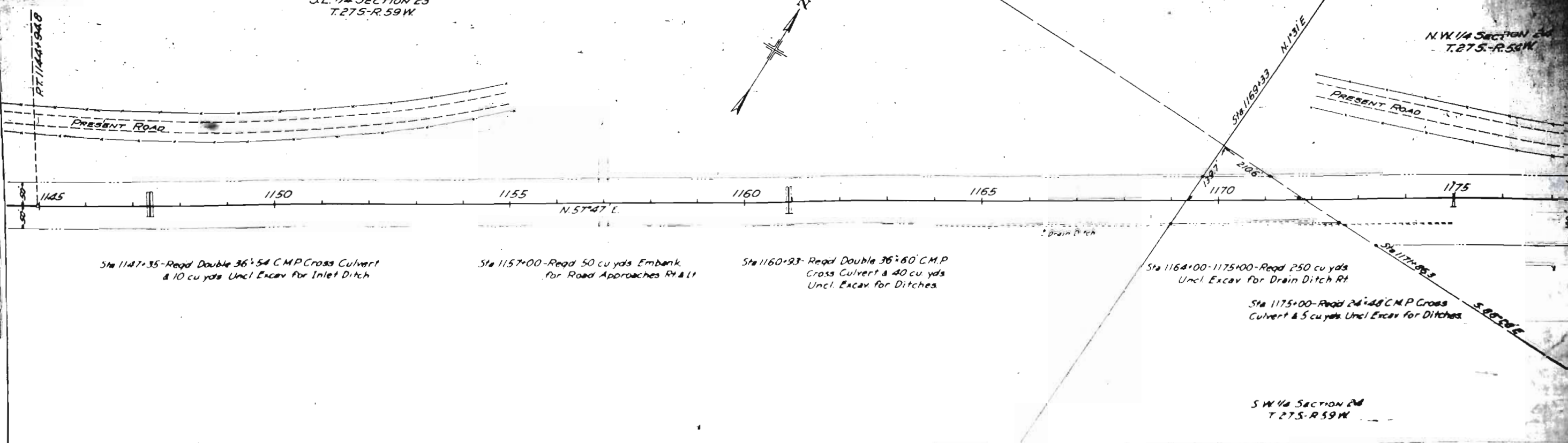
On Road Rt. & Lt. Sta 1104+00 to Sta 1116+00

FED. ROAD DIST. NO.	STATE	PLAT. AND PRELIM. NO.	SHEET NO.
2	COLO.	267-1	23

S.E. 1/4 SECTION 23
T.27S-R.59W

N.W. 1/4 SECTION 24
T.27S-R.59W

S.W. 1/4 SECTION 24
T.27S-R.59W



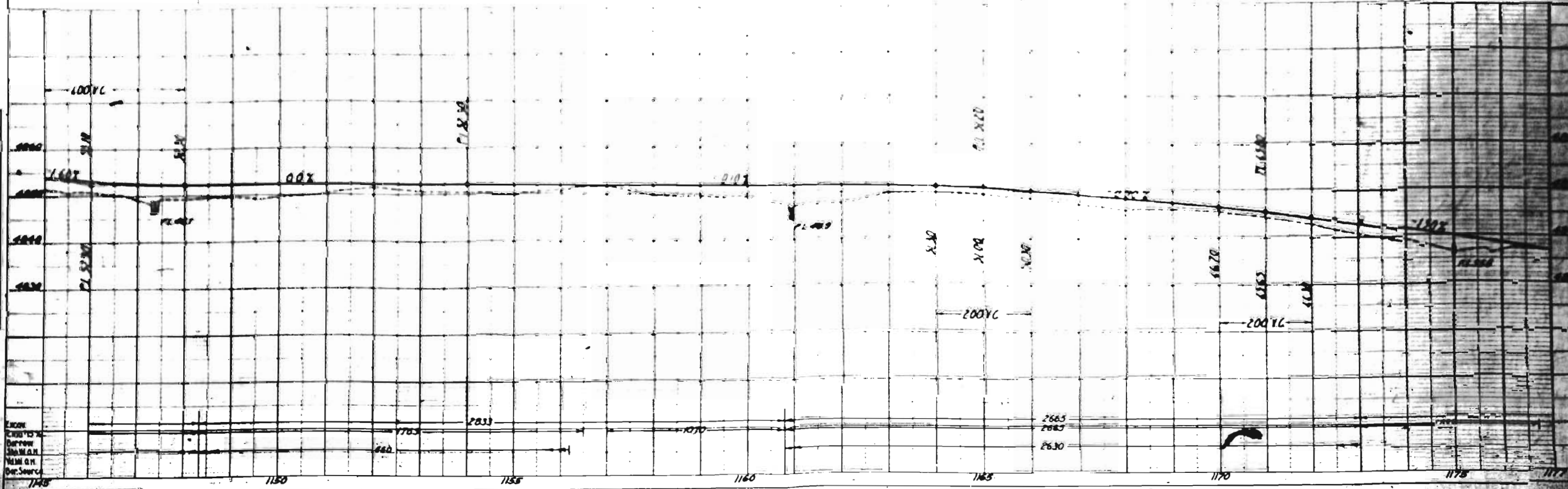
Sta 1147+35-Reqd Double 36" 54' C.M.P. Cross Culvert
& 10 cu yds Uncl. Excav for Inlet Ditch

Sta 1157+00-Reqd 50 cu yds Embank.
for Road Approaches Rt & Lt

Sta 1160+93-Reqd Double 36" 60' C.M.P.
Cross Culvert & 40 cu yds
Uncl. Excav for Ditches

Sta 1164+00-1175+00-Reqd 250 cu yds
Uncl. Excav for Drain Ditch Rt

Sta 1175+00-Reqd 24" 48' C.M.P. Cross
Culvert & 5 cu yds Uncl. Excav for Ditches



FROM
CROSSING
Borrow
SHOULDER
FROM G.H.
See Source

PLAT. PLAN AND PRELIM. NO. 267-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLO.	267-1	30	

N.W. 1/4 SECTION 24
T. 27S-R. 59W

N.E. 1/4 SECTION 24
T. 27S-R. 59W

A.T. & S.F. RR

2-14 Spans

R.R. RIGHT OF WAY LINE

PRESENT ROAD

N 57° 47' E

BLOOM

Sta 1179+30-Reg'd 24" x 52" C.M.P. Cross Culvert
& 5 cu yds Uncl. Excav. for Inlet Ditch

Sta 1182+10-Reg'd Double 36" x 78" C.M.P.
Cross Culvert & 150 cu yds Uncl.
Excav. for Ditches

Sta 1179+50-Reg'd 50 cu yds Uncl. Excav.
for Road Approach Rt

Sta 1195+00-Reg'd 10' x 6' x 40' Conc. Box Culvert
(Type 10-1) & 100 cu yds Uncl. Excav. for Ditches
& Rem. Adjacent 24" x 26" Wood Box Culvert

Sta 1203+00-Reg'd 36" x 54" C.M.P.
Cross Culvert & 50 cu yds Uncl.
Excav. for Inlet Ditch

Sta 1205+65-Remove 18" x 30" C.M.P.
Culvert

Sta 1205+65-Reg'd 18" x 30" C.M.P. Side
Drain & 10 cu yds Embank. for Road
Approach Rt

Sta 1206+90-Reg'd 18" x 30" C.M.P.
Side Drain & 10 cu yds Embank.
for Road Approach Rt

CLEARING AND GRUBBING
Sta 1175+00-1189+00-25 Cedar Trees

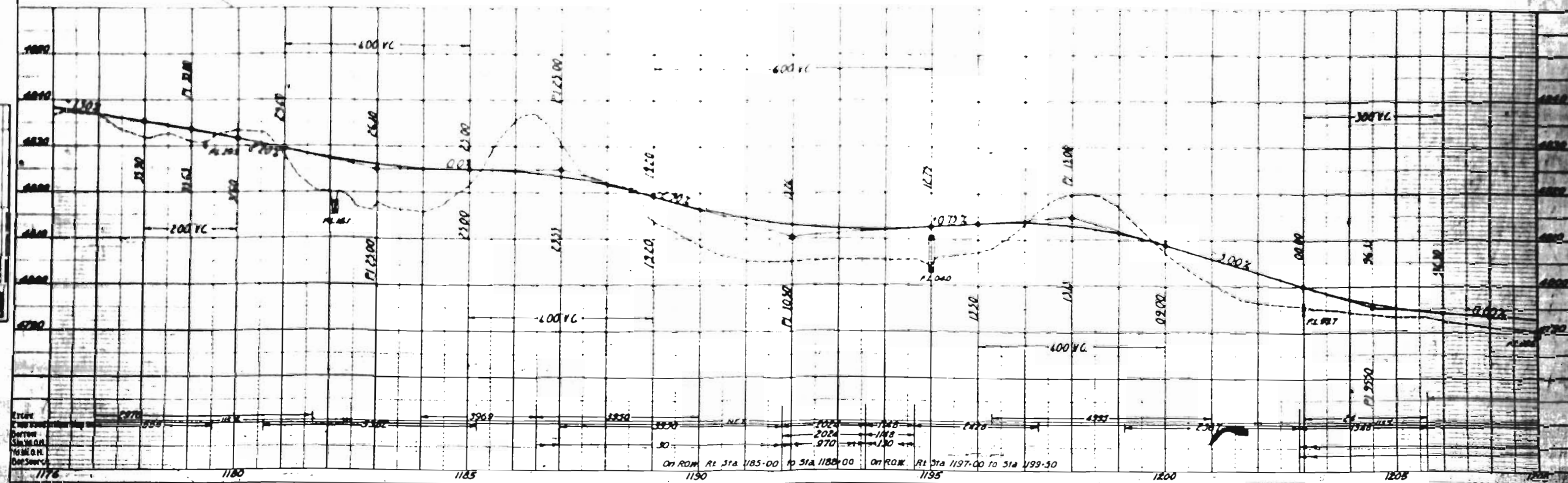


PLATE 1 PLAN PROFILE 3" x 6" STANDARD
THE ENGINEERING FIRM OF CHICAGO

FED. ROAD DIST. NO.	STATE	SEC. AND SUBD. NO.	SHEET NO.
2	COLO.	267.1	31

N.E. 1/4 SECTION 24
T.27S-R.59W

BLOOM

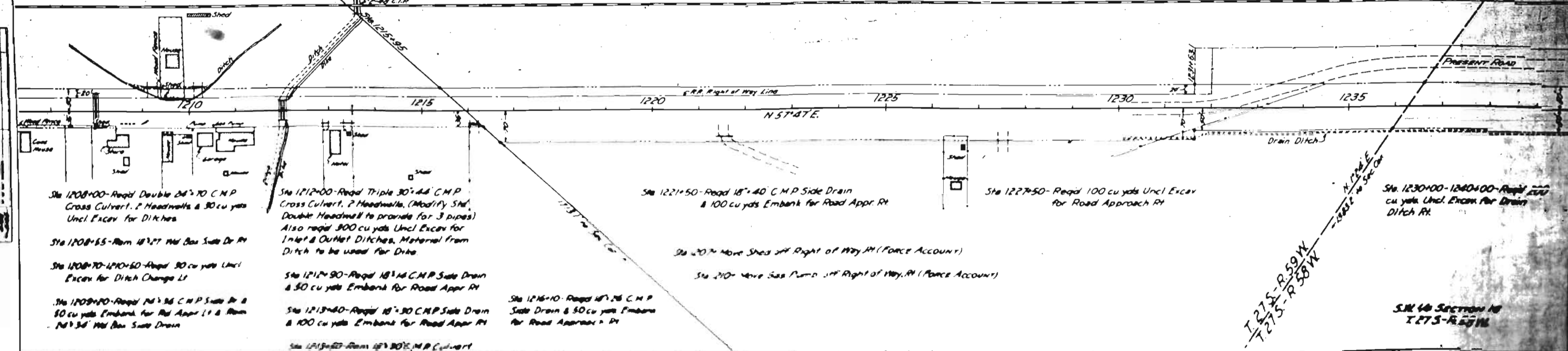
Sta 1209+50-Move Shed off R.O.W. Lt. (Force Account)

Sta 1210+20-Req'd 24" 30' C.M.P. Side Drain
& 50 cu yds Embank. for Road Appr. Lt.
& Remove Structure.

S.E. 1/4 SECTION 13
T.27S-R.59W



A.T. & S.F. RR



Sta 1208+00-Req'd Double 24" 70' C.M.P.
Cross Culvert, 2 Headwalls & 50 cu yds
Uncl. Excav. for Ditch

Sta 1208+65-Rem. 18" 27' Hd Box Side Dr. Rt.

Sta 1208+70-1210+50-Req'd 30 cu yds Uncl.
Excav. for Ditch Change Lt.

Sta 1209+00-Req'd 18" 36' C.M.P. Side Dr. &
50 cu yds Embank. for Rd Appr. Lt. & Rem.
18" 36' Hd Box Side Drain

Sta 1212+00-Req'd Triple 30" 44' C.M.P.
Cross Culvert, 2 Headwalls, (Modify Std.
Double Headwall to provide for 3 pipes)
Also req'd 300 cu yds Uncl. Excav. for
Inlet & Outlet Ditches, Material from
Ditch to be used for Dike

Sta 1212+90-Req'd 18" 14' C.M.P. Side Drain
& 50 cu yds Embank. for Road Appr. Rt.

Sta 1213+40-Req'd 18" 30' C.M.P. Side Drain
& 100 cu yds Embank. for Road Appr. Rt.

Sta 1215+00-Rem. 18" 30' C.M.P. Culvert

Sta 1221+50-Req'd 18" 40' C.M.P. Side Drain
& 100 cu yds Embank. for Road Appr. Rt.

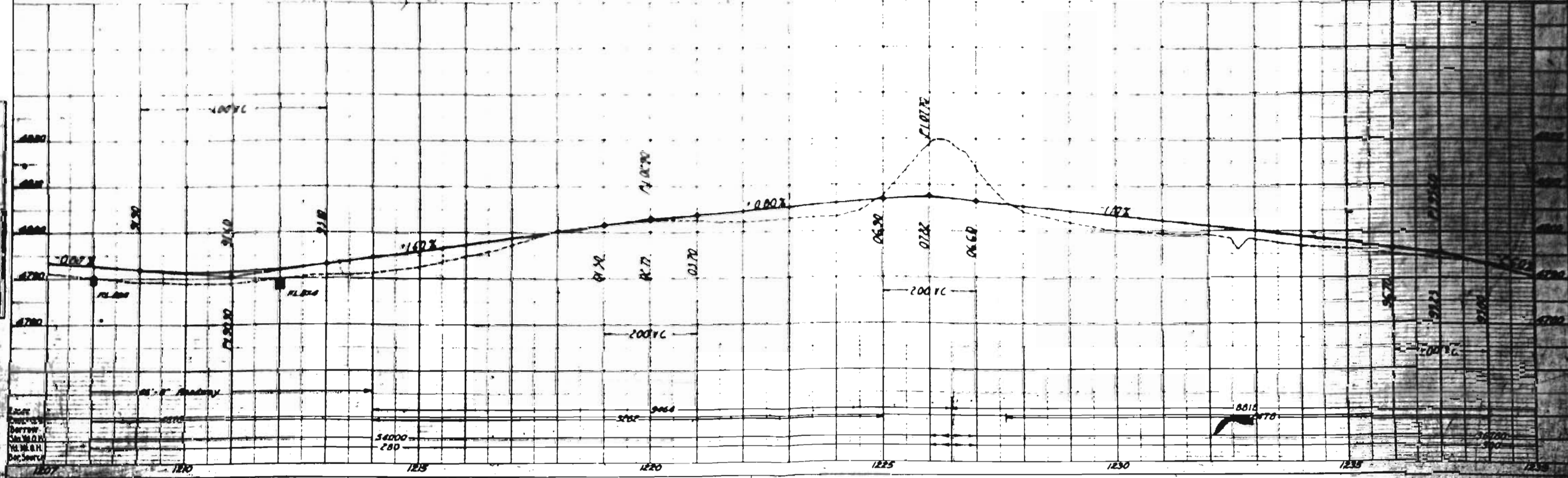
Sta 1221+50-Move Shed off Right of Way Rt. (Force Account)

Sta 1221+50-Move Shed off Right of Way Rt. (Force Account)

Sta 1227+50-Req'd 100 cu yds Uncl. Excav.
for Road Approach Rt.

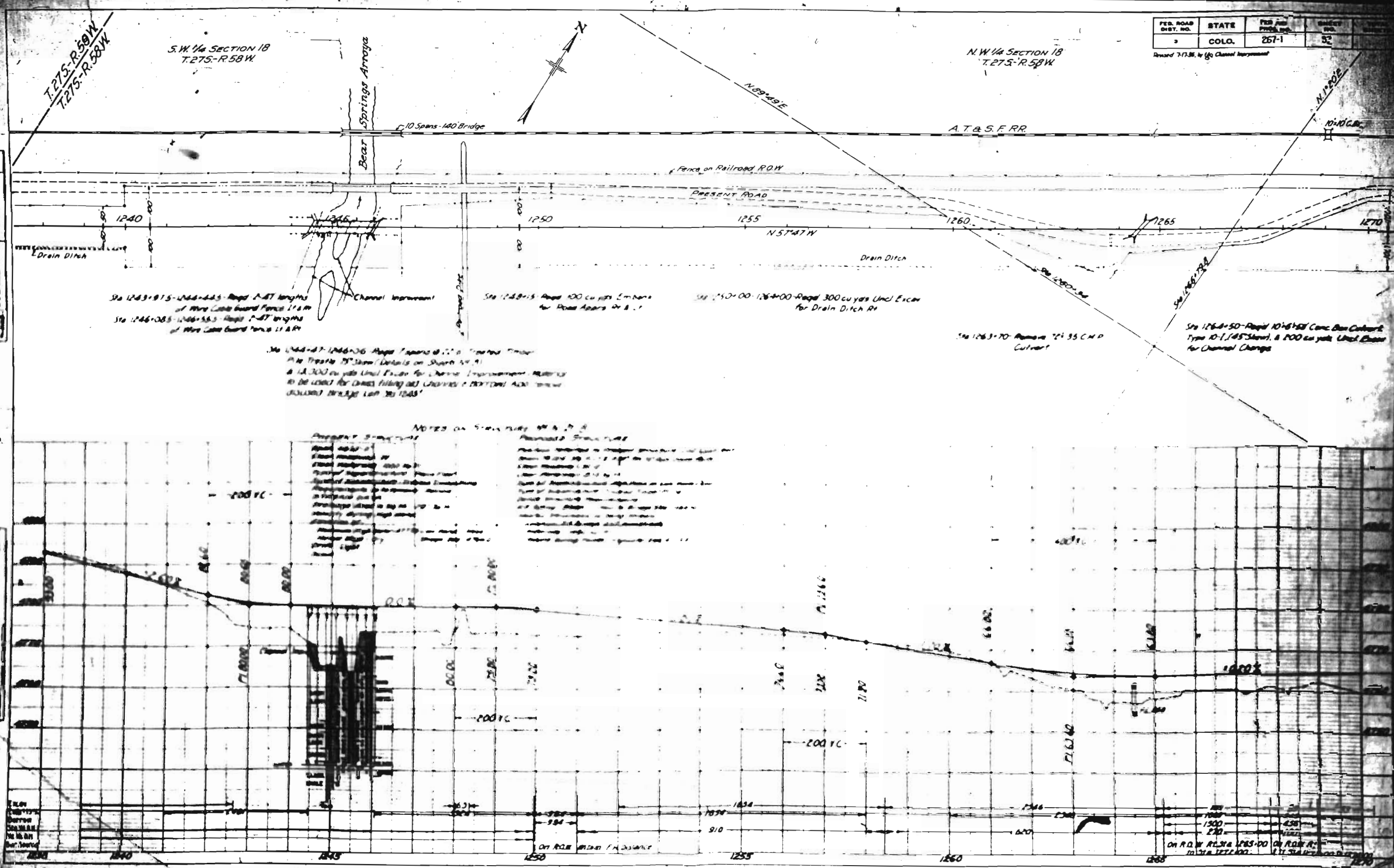
Sta 1230+00-1240+00-Req'd 200
cu yds Uncl. Excav. for Drain
Ditch Rt.

S.W. 1/4 SECTION 18
T.27S-R.59W



Scale
1" = 40' Horizontal
1" = 4' Vertical
S. M. H. & H.
Des Moines, Iowa

Revised 7/7/85, by Life Channel Improvement



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	267-1	35	

N.E. 1/4 SECTION 18
T.27S-R.58W

N.W. 1/4 SECTION 17
T.27S-R.58W

A.T. & S.F. R.R.

PRESENT ROAD

1270

1275

N 57° 47' E

1280

1285

1290

1295

1300

N 64° 42' E

Drain Ditch

Sta 1270+80 - Road 36" x 52" C.M.P.
Cross Culvert & 10 cu yds. Uncl.
Excav for Ditching

Sta 1273+00 - Road 50 cu yds
Embank for Road Appr. R.

$\Delta = 6^{\circ} 55' R$
 $D = 0^{\circ} 30'$
 $T = 6926$
 $L = 1383.3$
 $R = 114600$

Sta 1283+00 - Road 24" x 52" C.M.P. Cross Culvert
& 10 cu yds. Uncl. Excav for Ditching

Sta 1289+00 - Road 18" x 30" C.M.P. Side Drain
& 100 cu yds. Embank for Road Appr. R.

Sta 1290+00 - 1305+00 - Road 350 cu yds
Uncl. Escarp for Drain Ditch R.

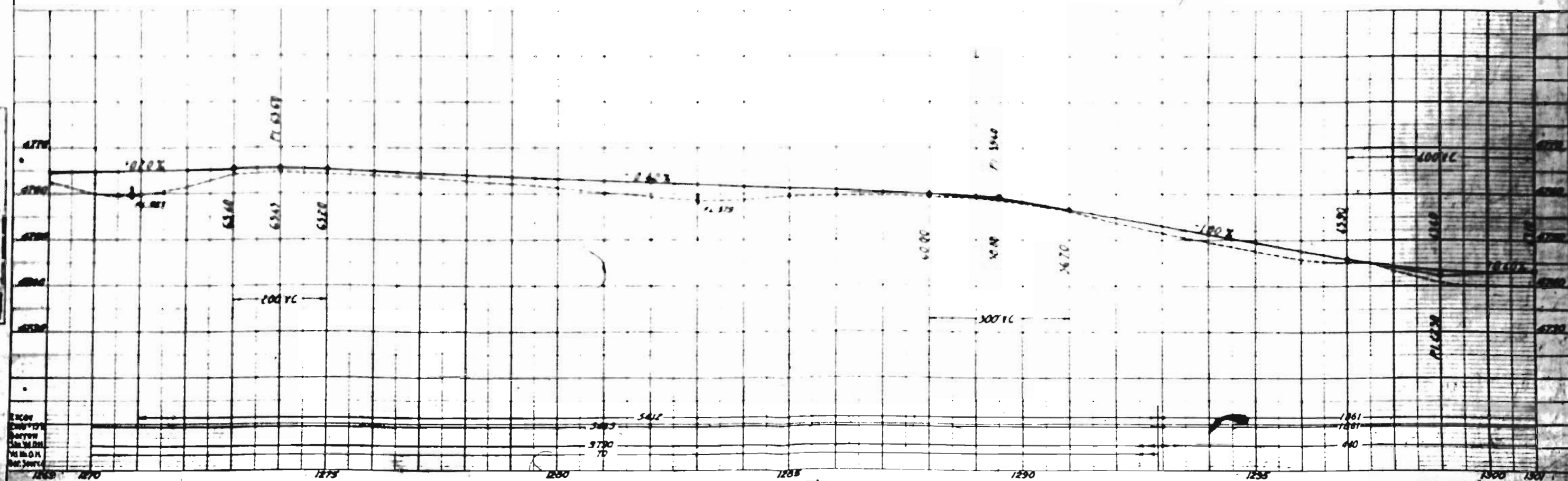


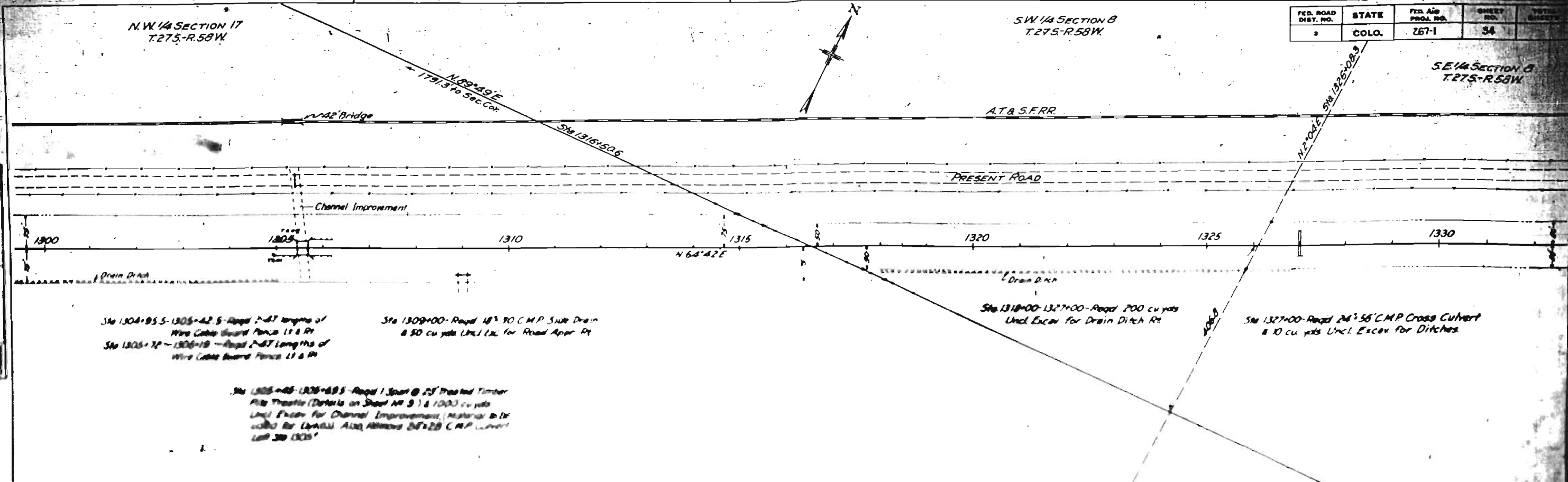
PLATE 1. PLAN PROFILE OF ROAD

N.W. 1/4 SECTION 17
T.27S-R.58W

S.W. 1/4 SECTION 8
T.27S-R.58W

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	267-1	34	

S.E. 1/4 SECTION 8
T.27S-R.58W



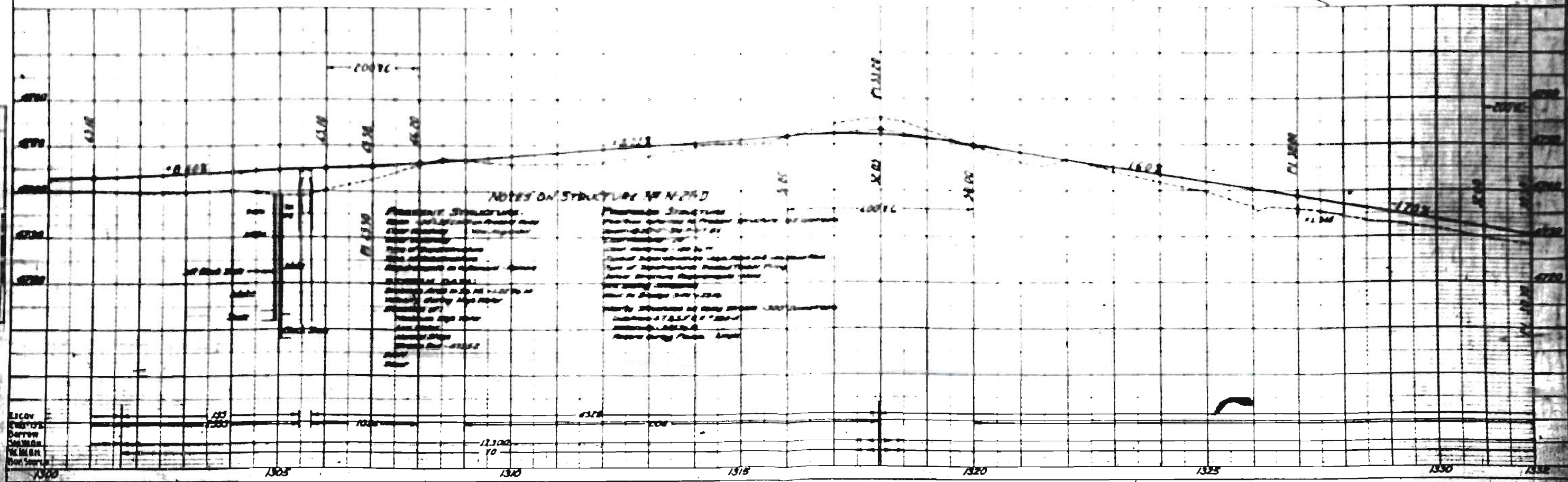
Sta 1304+95.5-1305+42.5 - Road 2'x7' longth of
Wire Cable Guard Fence 12 & 14 ft
Sta 1305+72-1306+18 - Road 2'x7' longth of
Wire Cable Guard Fence 12 & 14 ft

Sta 1309+00 - Road 18' x 30' C.M.P. Side Drain
4.50 cu yds Uncl. Excav for Road Appro. Pt

Sta 1318+00-1327+00 - Road 200 cu yds
Uncl. Excav for Drain Ditch Rt

Sta 1327+00 - Road 24' x 55' C.M.P. Cross Culvert
4.10 cu yds Uncl. Excav for Ditches

Sta 1305+45-1325+69.5 - Road 1' Spat @ 12' Treated Timber
Pile Thistle (Details on Sheet No 3) 1 & 1000 cu yds
Uncl. Excav for Channel Improvement (Material to be
used for (b) (6) (A) Also Atchafalaya 26' x 28' C.M.P. Culvert
Left 200 (1325)



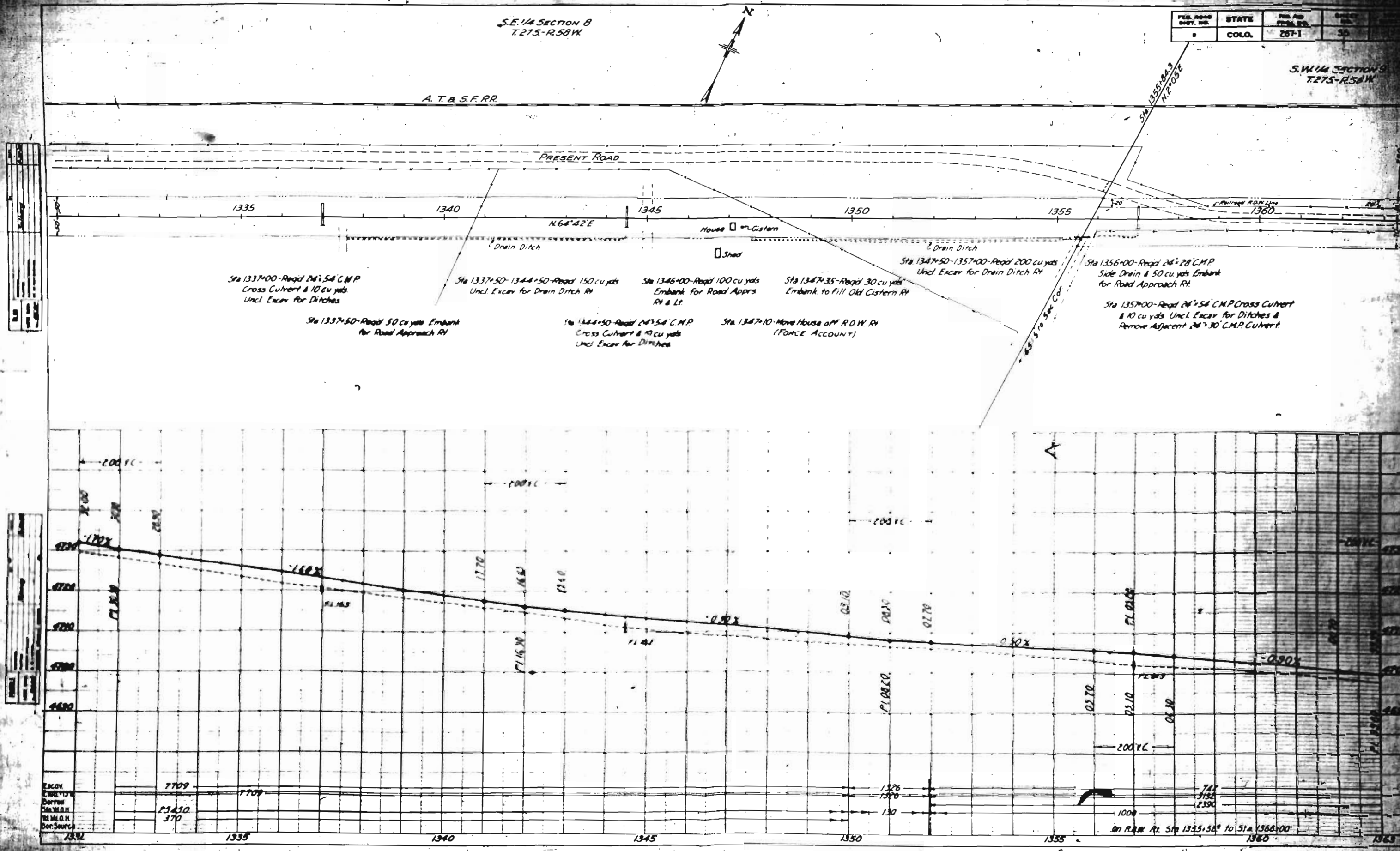
NOTE ON STRUCTURE AT 1310

PROPOSED STRUCTURE
18' x 30' C.M.P. Side Drain
24' x 55' C.M.P. Cross Culvert
1. Design of structure to be in accordance with the specifications of the Colorado Department of Transportation.
2. The structure shall be designed to carry a load of 10,000 lbs. per sq. ft.
3. The structure shall be designed to resist a wind pressure of 30 lbs. per sq. ft.
4. The structure shall be designed to resist a seismic force of 0.1 g.
5. The structure shall be designed to resist a flood force of 100 ft. head of water.
6. The structure shall be designed to resist a scour force of 10 ft. depth of scour.
7. The structure shall be designed to resist a settlement of 1 inch.
8. The structure shall be designed to resist a settlement of 1 inch.
9. The structure shall be designed to resist a settlement of 1 inch.
10. The structure shall be designed to resist a settlement of 1 inch.

PROPOSED STRUCTURE
18' x 30' C.M.P. Side Drain
24' x 55' C.M.P. Cross Culvert
1. Design of structure to be in accordance with the specifications of the Colorado Department of Transportation.
2. The structure shall be designed to carry a load of 10,000 lbs. per sq. ft.
3. The structure shall be designed to resist a wind pressure of 30 lbs. per sq. ft.
4. The structure shall be designed to resist a seismic force of 0.1 g.
5. The structure shall be designed to resist a flood force of 100 ft. head of water.
6. The structure shall be designed to resist a scour force of 10 ft. depth of scour.
7. The structure shall be designed to resist a settlement of 1 inch.
8. The structure shall be designed to resist a settlement of 1 inch.
9. The structure shall be designed to resist a settlement of 1 inch.
10. The structure shall be designed to resist a settlement of 1 inch.

RECON
AND TO
Borrow
CASH ON
THE M.B.H.
BANK SOURCE

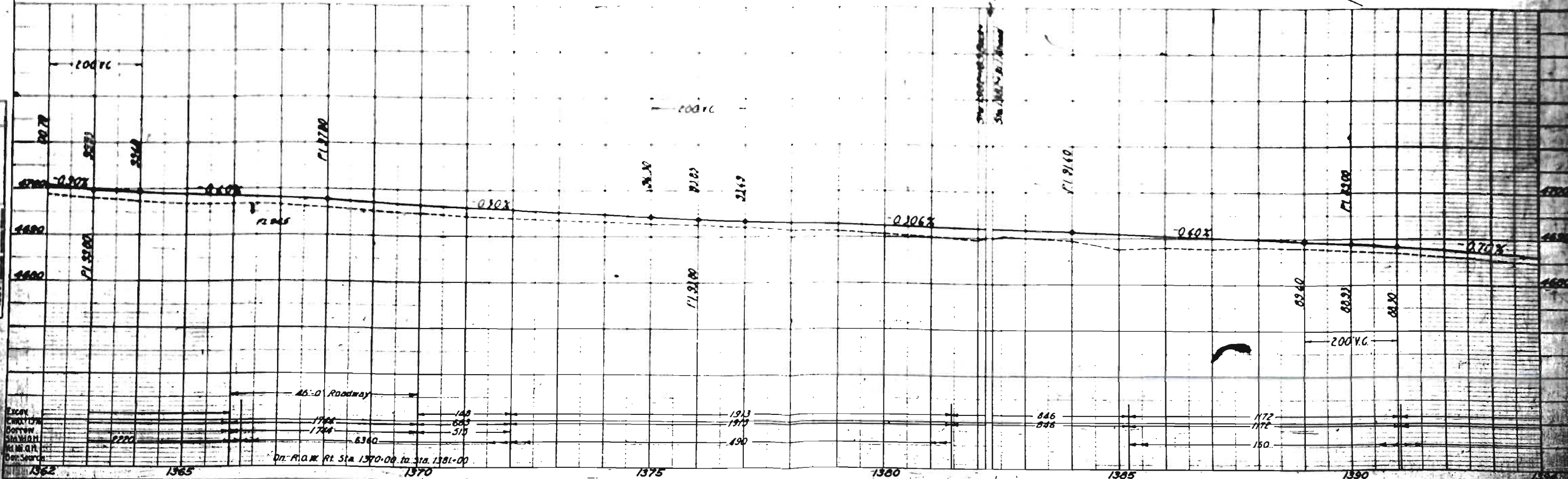
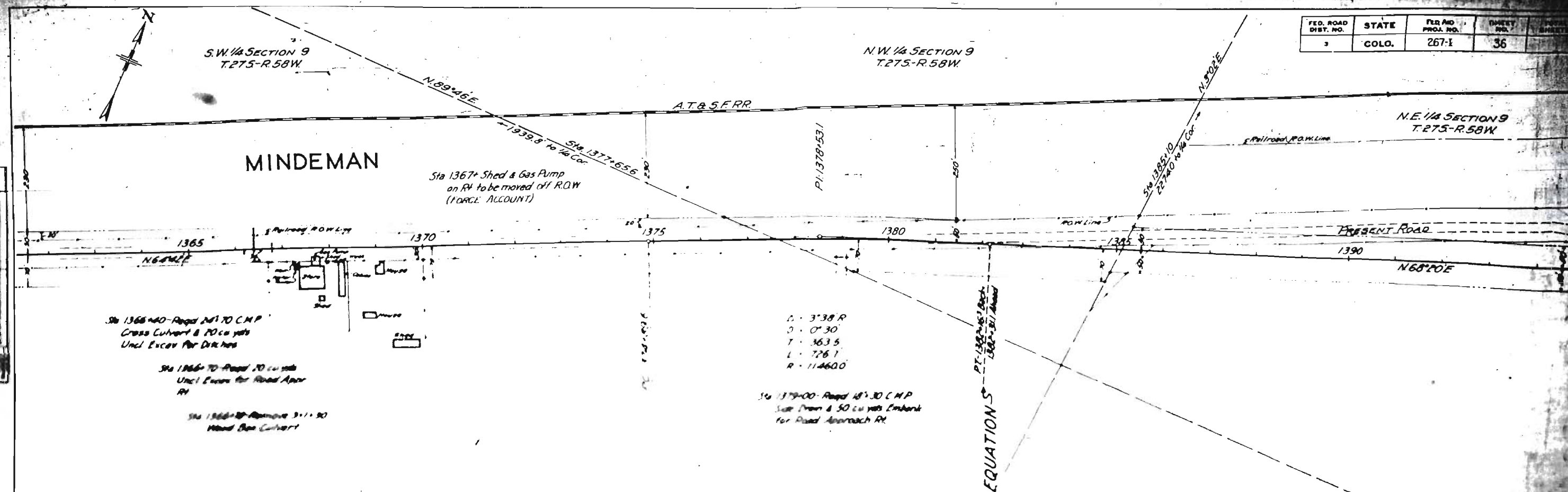
S.W. 1/4 SECTION 9
T27S-R50W



EXCISE	
CUSTOMS	
Barrow	
San W. H. M.	
W. M. O. H.	
Bar. Source	

ON R.R. Rt. 5th 1355.50⁰⁰ TO 5th 1368.00
1360

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	267-1	36	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	267-1	57	

N.E. 1/4 SECTION 9
T.27S-R.58W

N.W. 1/4 SECTION 10
T.27S-R.58W

Δ = 31°43' L
D = 1°00'
T = 16277'
L = 3171.7'
R = 5730.0'

Sta 1398+67.5-1399+14.5-Req'd 2-47' lengths of Wire Cable Guard Fence. Lt. & Rt.

Sta 1400+308-1400+778-Req'd 2-47' lengths of Wire Cable Guard Fence. Lt. & Rt.

DETOUR STA 1395 TO 1406
Req'd 2000 Cu Yds. Uncl. Excov.
330 Tons Gravel or Crushed Rock
Surfacing, e. relay 72"x36"x72"x40"
C.M.P. Culverts (now in place right
Sta 1401*) on detour.

Sta 1407+75.5-1408+22.5-Req'd 2-47' lengths of Wire Cable Guard Fence. Rt. & Lt.

Sta 1408+52-1408+99-Req'd 2-47' lengths of Wire Cable Guard Fence. Rt. & Lt.

Sta 1395+00-Remove 16" C.M.P. Culvert Lt.

Sta 1399+77-1400+283-Req'd 2 Spans @ 32' 0"
1 Span @ 40' 0" (Hwy. 100) Bridge 34-45'
(Bridges on Sta 1401, 1412) Also 2000 Cu Yds. Uncl. Excov. for Channel
Changes (Material to be used for dikes & filling out channel)

Sta 1408+25-1408+49.5-Req'd 1-25' 0" x 10' 0" Treated Timber
Hwy. Truss Bridge on Sta 1401.3) Also 300 Cu Yds
Uncl. Excov. for Channel Improvement (Material to
be used for dikes (2nd Hwy) and Channel)
Also remove 36"x36"x42"x36" C.M.P. Culverts Lt. &
Rt. 1408

Sta 1415+00-Remove 100 cu yds Embank for Road Apprs. Rt. & Lt.

Sta 1419+20-Remove Double 24"x36" C.M.P.
Cross Culvert & 5 cu yds
Uncl. Excov. for Ditches

NOTES ON STRUCTURE NO. N-21-

PRESENT STRUCTURE

Span 11.14 ft (3.44 m)
Clear Roadway 20 ft
Clear Waterway 24 ft
Type of Superstructure
Type of Substructure
Remarks: This structure is in poor condition and should be replaced. It is a single span concrete bridge with a 11.14 ft span. The structure is in poor condition and should be replaced. It is a single span concrete bridge with a 11.14 ft span.

PROPOSED STRUCTURE

Span 10.5 ft (3.20 m)
Clear Roadway 20 ft
Clear Waterway 24 ft
Type of Superstructure
Type of Substructure
Remarks: This structure is in poor condition and should be replaced. It is a single span concrete bridge with a 10.5 ft span. The structure is in poor condition and should be replaced. It is a single span concrete bridge with a 10.5 ft span.

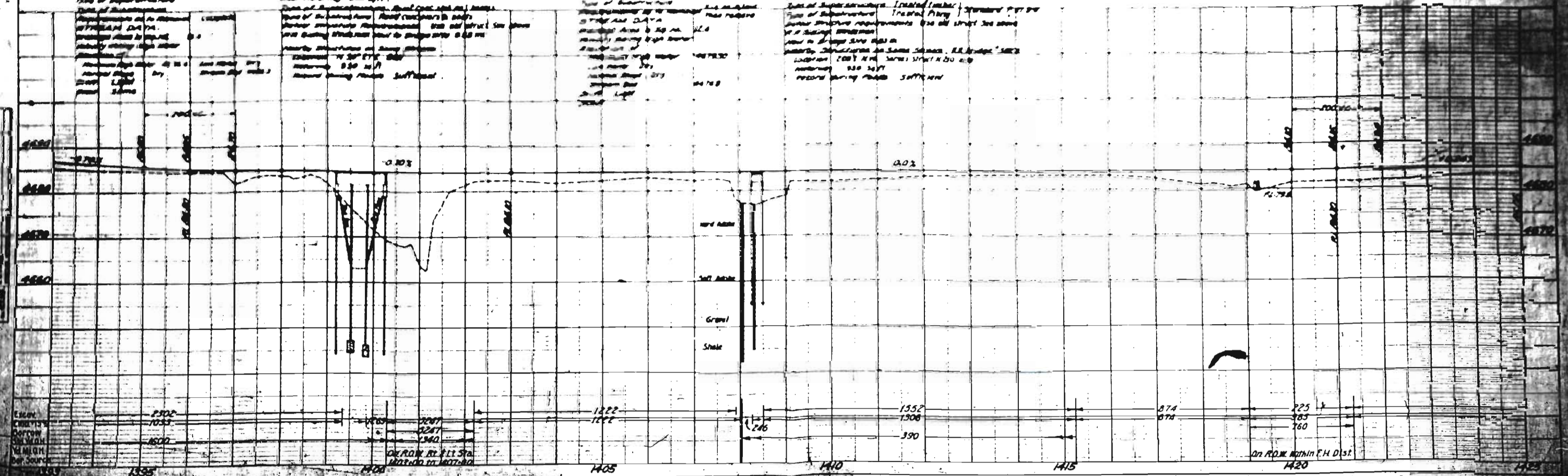
NOTES ON STRUCTURE NO. N-21-H

PRESENT STRUCTURE

Span 11.14 ft (3.44 m)
Clear Roadway 20 ft
Clear Waterway 24 ft
Type of Superstructure
Type of Substructure
Remarks: This structure is in poor condition and should be replaced. It is a single span concrete bridge with a 11.14 ft span. The structure is in poor condition and should be replaced. It is a single span concrete bridge with a 11.14 ft span.

PROPOSED STRUCTURE

Span 10.5 ft (3.20 m)
Clear Roadway 20 ft
Clear Waterway 24 ft
Type of Superstructure
Type of Substructure
Remarks: This structure is in poor condition and should be replaced. It is a single span concrete bridge with a 10.5 ft span. The structure is in poor condition and should be replaced. It is a single span concrete bridge with a 10.5 ft span.



ES&S
CHAS. E. SMITH
DORRIS
CHAS. E. SMITH
DORRIS

On ROW within F.H. Dist.
1420

PER. ROAD DIST. NO.	STATE	PER. AND ROAD DIST.	SHEET NO.	TOTAL SHEETS
2	COLO.	287-1	35	

N.W. 1/4 SECTION 10
T.27S-R.58W

S.W. 1/4 SECTION 3
T.27S-R.58W

S.E. 1/4 SECTION 3
T.27S-R.58W

$\Delta = 31^\circ 43' L$
 $D = 1^\circ 00'$
 $T = 1627.7$
 $L = 3171.7$
 $R = 5730.0$

