



COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001145

Description:

ROW Plans 24X36

Route # and Mile Points:

US 160

Originating Office:

ROW/Survey

File Name:

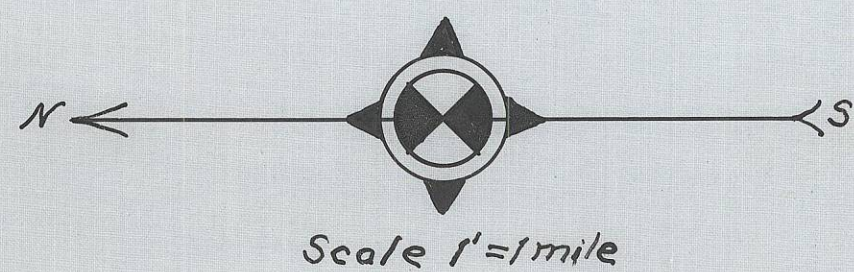
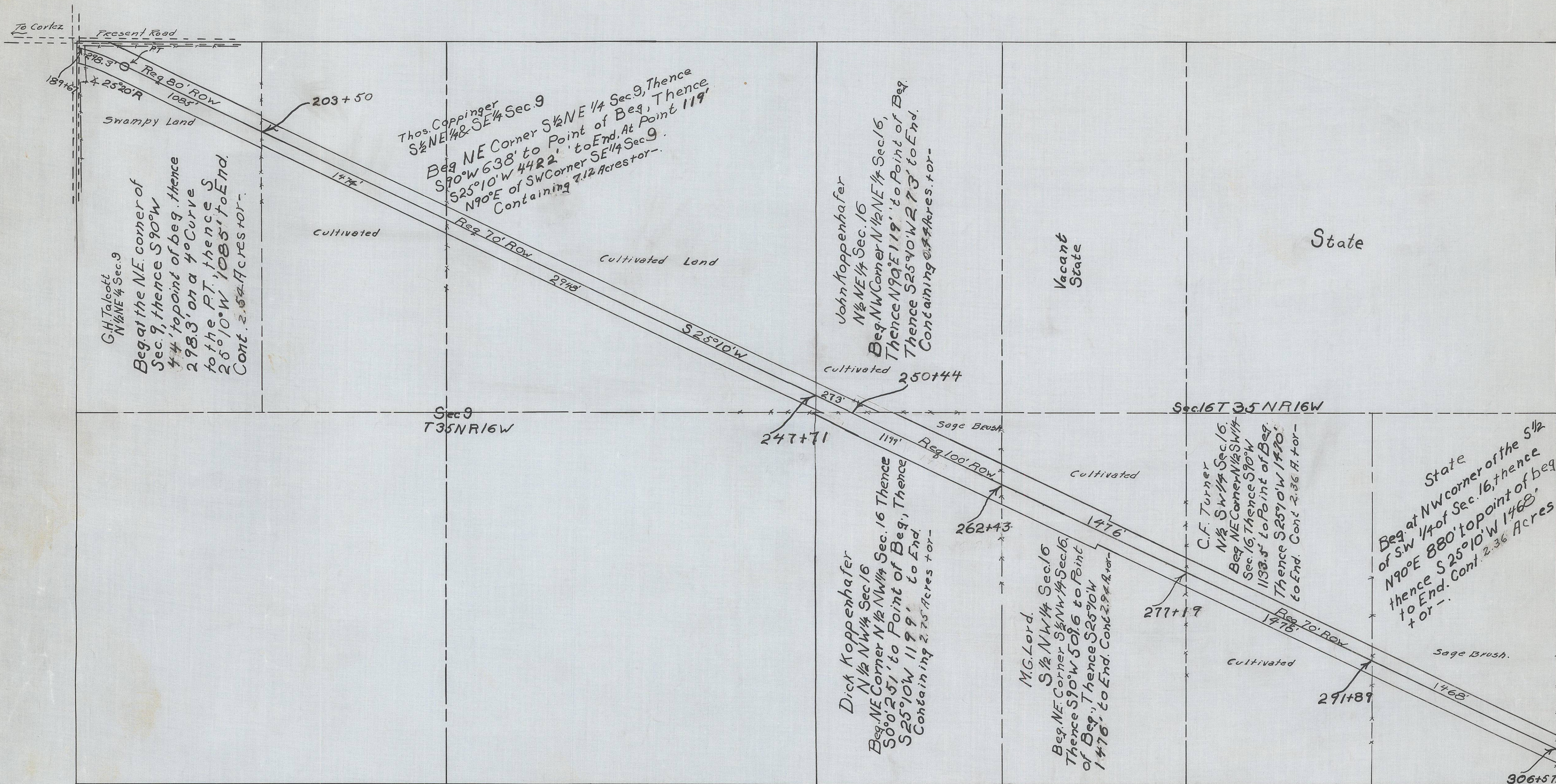
F.A.P. 147A_ROW(.PDF)

Box Location:

21 (TUBE-16)of 38

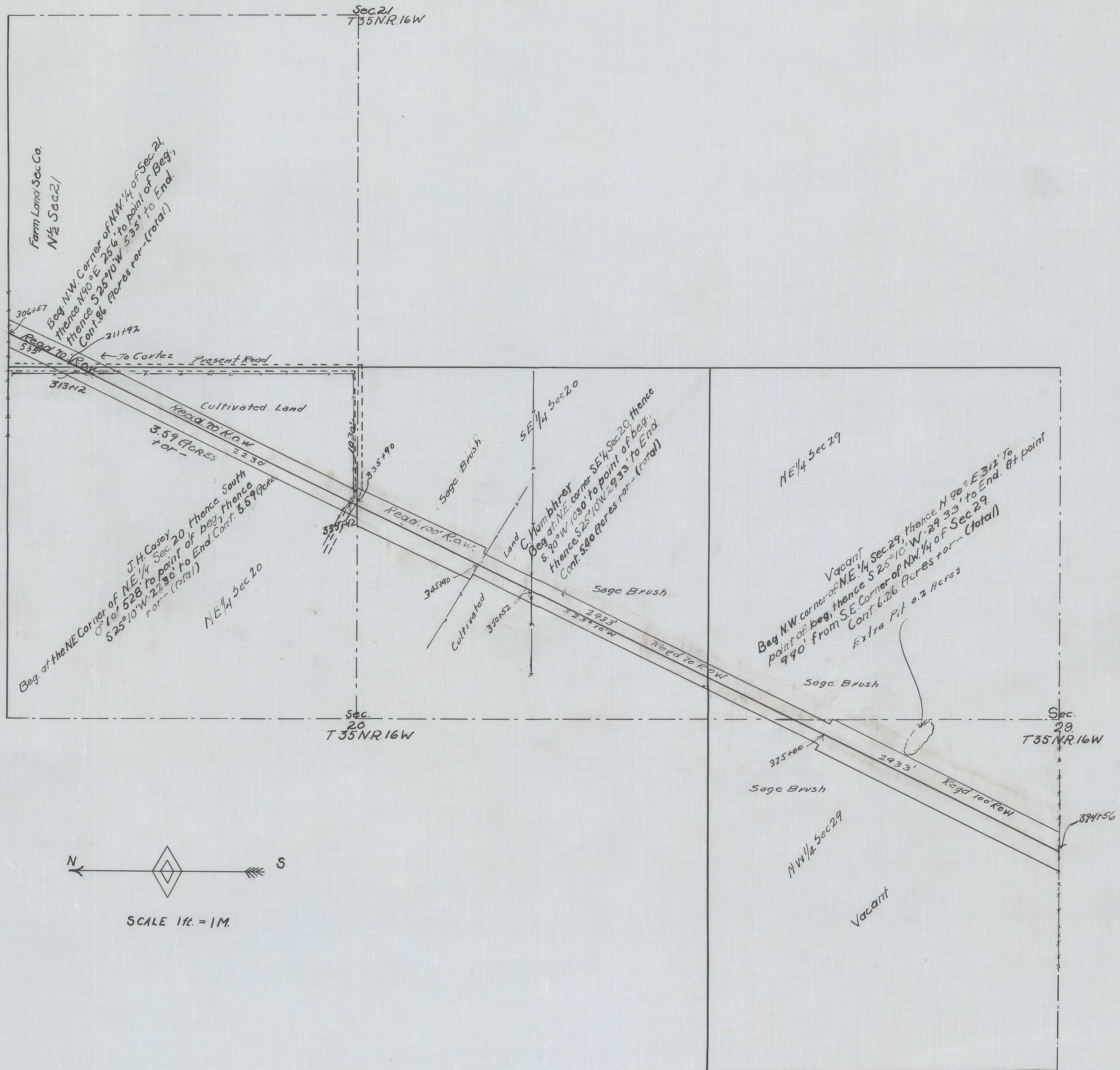
FAP.

147A



147

147



Sec. 29
T. 35 N. R. 16 W

Sec. 32
T. 35 N. R. 16 W

Beg at NE corner of SW 1/4 of Sec. 29, thence S 90° 10' W 981.7' to point of beg, thence S 25° 10' W 2922.6' to P.I. (423+88), thence S 35° 22' W 44' to End. Cont. 6.23 Acres for R. J. B.yce
Extra P.I. 0.2 Acres
Sage Brush

Cultivated Land
Reg. 20' Row
SW 1/4 Sec. 29

SW 1/4 Sec. 29

2922.6'
S 25° 10' W

P.I. 423+88

Vacant

Sage Brush

Beg NW corner of the NW 1/4 of Sec. 32, thence N 90° E 404.8' to point of beg, thence S 35° 22' W 628.5' to End. Cont. 1.44 Acres for

Sage Brush

Beg at NE corner of E 1/2 of NE 1/4 of Sec. 31, thence S 0° 0' 55.68' to point of beg, thence S 35° 22' W 2300' to End. Cont. 3.79 Acres for

E 1/2 NE 1/4 Sec. 32
Cortez Land Sec. Co.

C.H. Rudy
W 1/2 NE 1/4

Beg at NE corner of W 1/2 of NE 1/4 of Sec. 31, thence S 0° 0' 23.936' to point of beg, thence S 35° 22' W 297.7' to End. Cont. 0.47 Acres for (total)

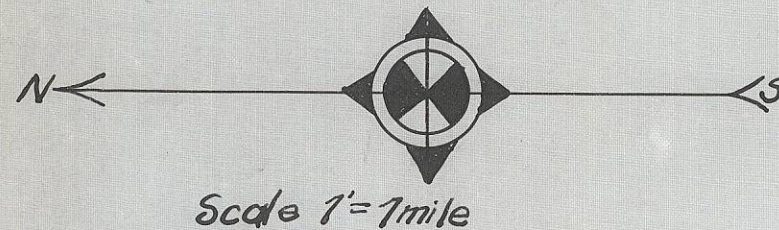
Beg at NW corner of SE 1/4 of Sec. 31, thence N 90° E 1144.6' to point of beg, thence S 35° 22' W 2013' to End. Cont. 3.24 Acres for (total)

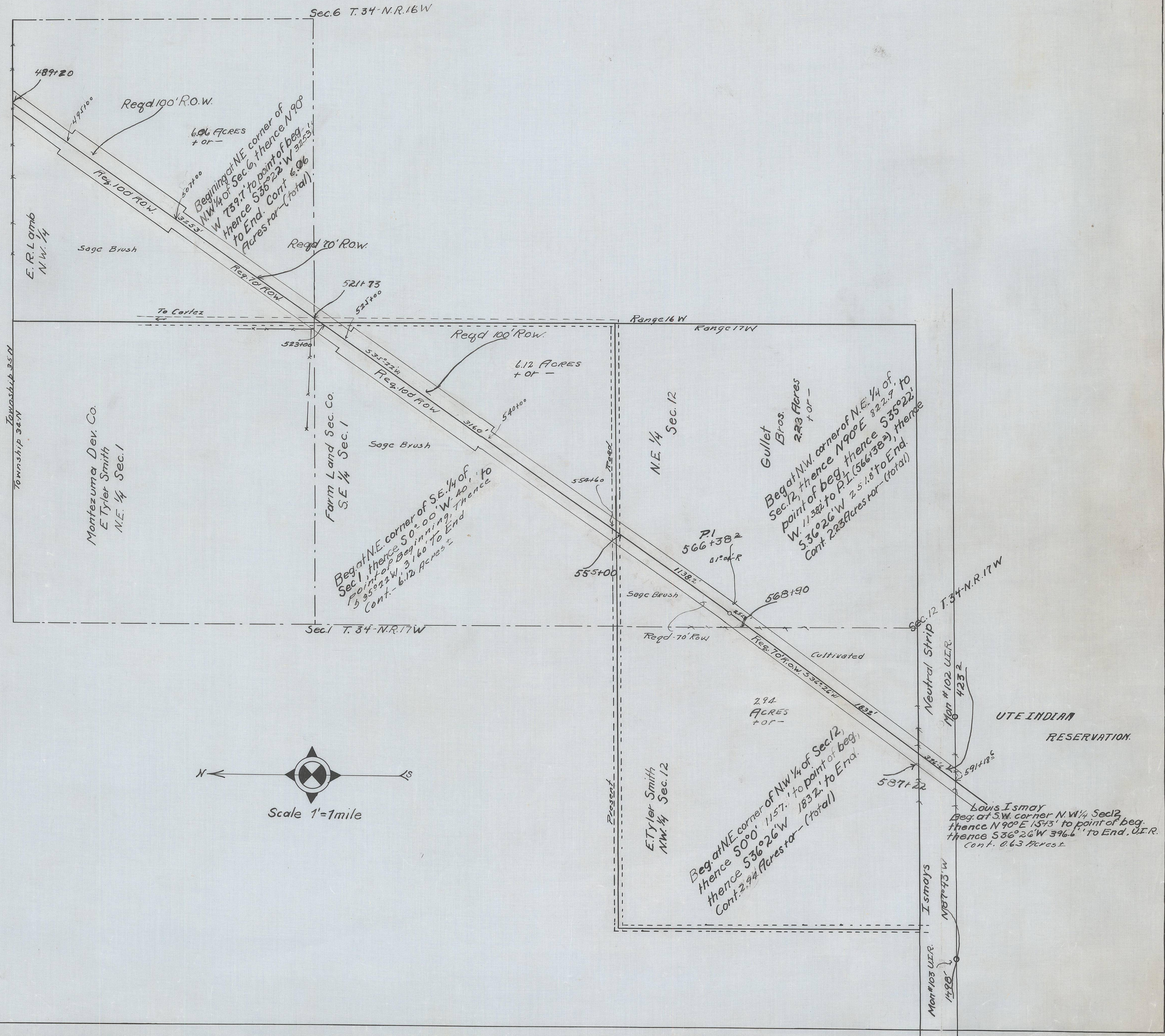
Farm Land Sec. Co.
S 1/2 Sec. 31

Beg at NE corner of SW 1/4 of Sec. 31, thence S 0° 0' 161.48' to point of beg, thence S 35° 22' W 1263' to End. Cont. 2.03

Range Line
Range 16 W
Range 17 W

Township Line
Township 35 N
Township 34 N







COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001884

Description:

ROW Plans 11X17

Route # and Mile Points:

US 160

Originating Office:

ROW/Survey

File Name:

F.A.P. 147A_ROW(.PDF)

Box Location:

30 of 38

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	COLD.	147 A	1	1

COLORADO **STATE HIGHWAY DEPARTMENT** **PLAN AND PROFILE OF PROPOSED** **FEDERAL AID PROJECT NO. 147 A** **STATE HIGHWAY NO. 106** **MONTEZUMA COUNTY**

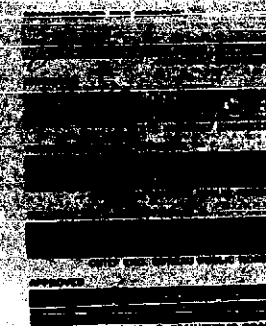
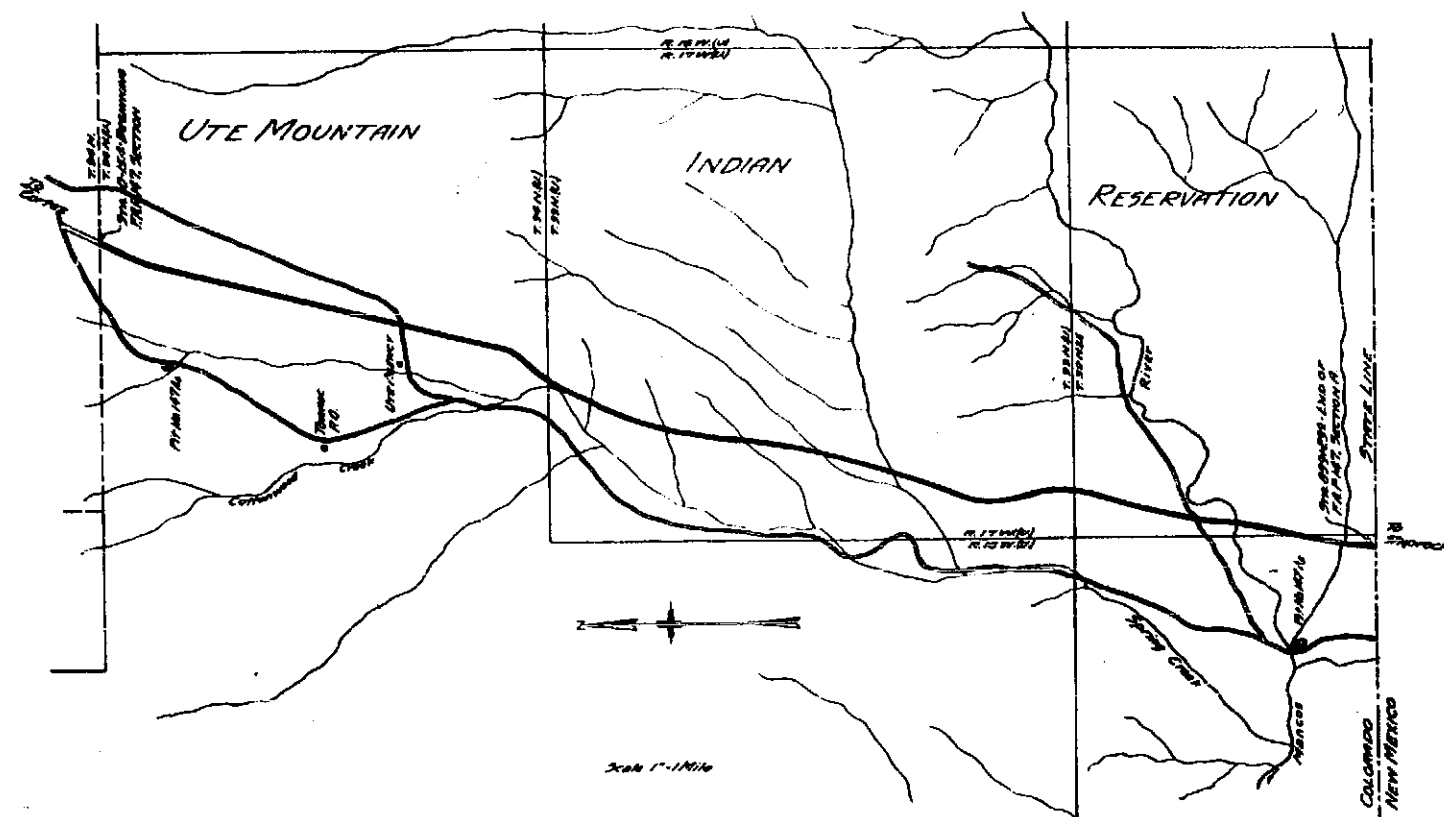
INDEX OF SHEETS

1. Title Sheet.
2. Data Sheet, Summary, Details.
- 3a. List of Structures.
3. Details, Bridge, Frame, Sta. 70+00 to 74+00.
4. Details, Bridge, Frame, Sta. 74+00 to 78+00.
5. Soil, Water, and Material Plan, P&E C.
6. Culvert, Roadway, Sheet, P&E C.
7. 100' Plan and Profile Sheets.
8. 100' Cross Section Sheets.

CONVENTIONAL SIGNS

Survey Line
Right of Way Line

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 61,224 FT. = 115.896 MI.
 NET LENGTH OF PROJECT



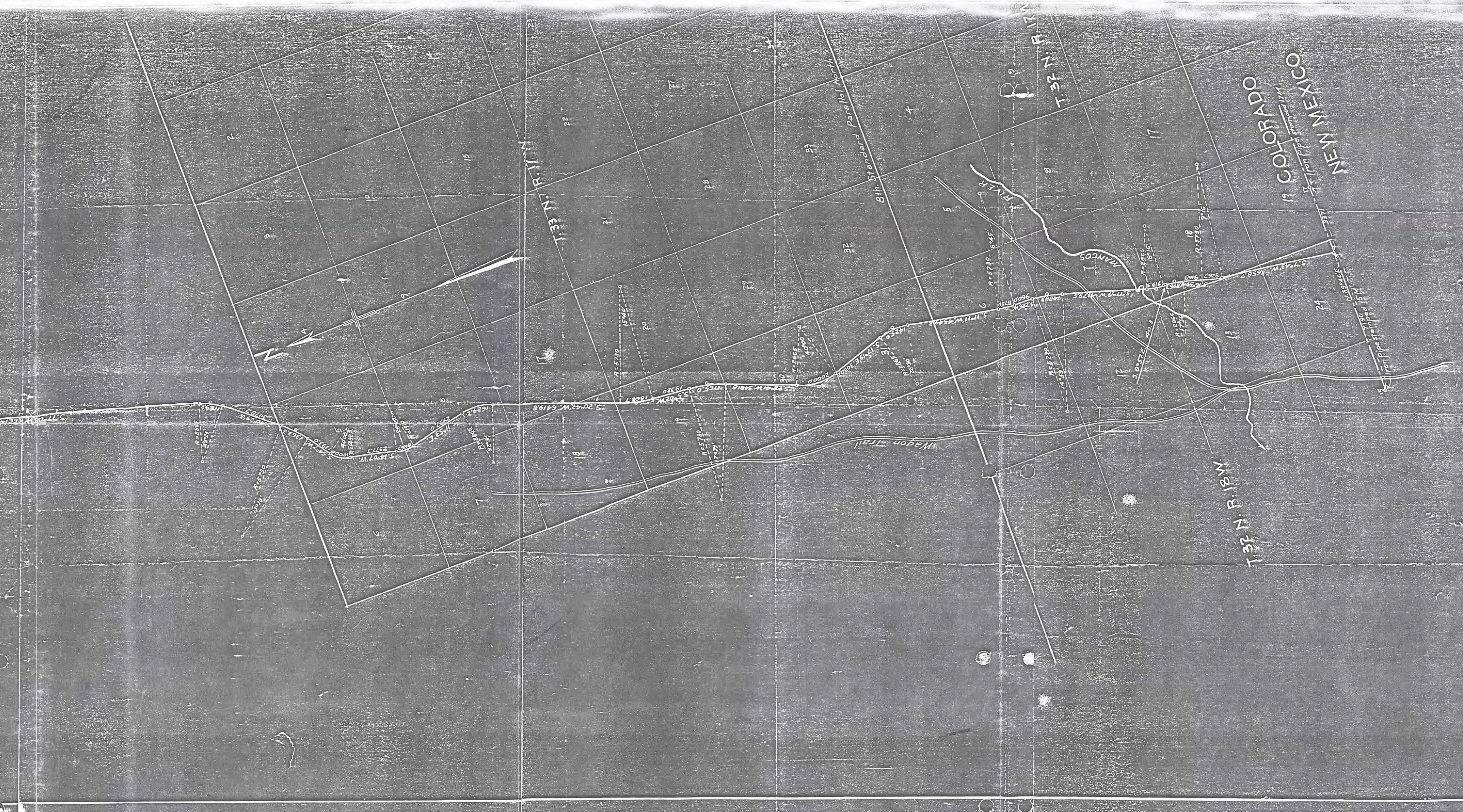
11/10/27

MAP SHOWING LOCATION OF
COLORADO FEDERAL AID PROJECT NO. 147A
OVER
STATE HIGHWAY NUMBER 106
THRU
UTE MOUNTAIN INDIAN RESERVATION
SCALE 1" = 2640 FT.
DECEMBER 1, 1927

Right of Way to be 80 Ft. wide, lying 40 Ft. on each side of
center line shown on this map.

SEC. 7
T. 34 N. R. 17 W.
SEC. 11
T. 34 N. R. 17 W.
SEC. 10
T. 34 N. R. 17 W.
NORTH BOUNDARY OF UTE MOUNTAIN INDIAN RESERVATION

11/10/27



INDEX OF SHEETS

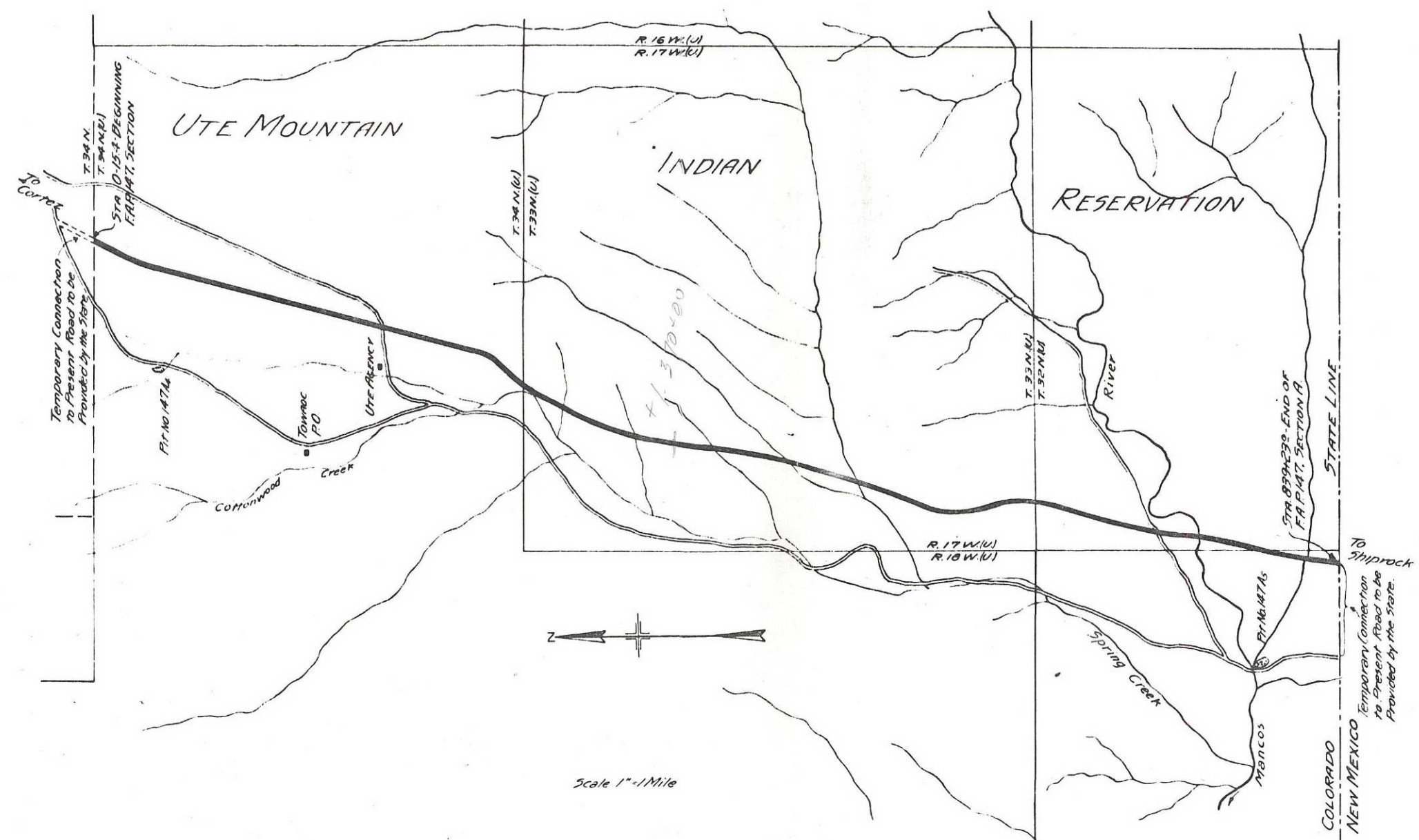
1. Title Sheet.
2. Cross Section, Summary, Details.
3. List of Structures.
4. Details Timber Trestle, Sta. 140+03.
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7. " " " " Sta. 113+00.
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98. " " " " Sta. 113+00.
99. " " " " Sta. 113+00.
100. " " " " Sta. 113+00.

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 147 A STATE HIGHWAY NO. 106 MONTEZUMA COUNTY

CONVENTIONAL SIGNS

Survey Line
Right of Way Line

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 } 83,932.4 FT. = 15.896 MI.
NET LENGTH OF PROJECT }

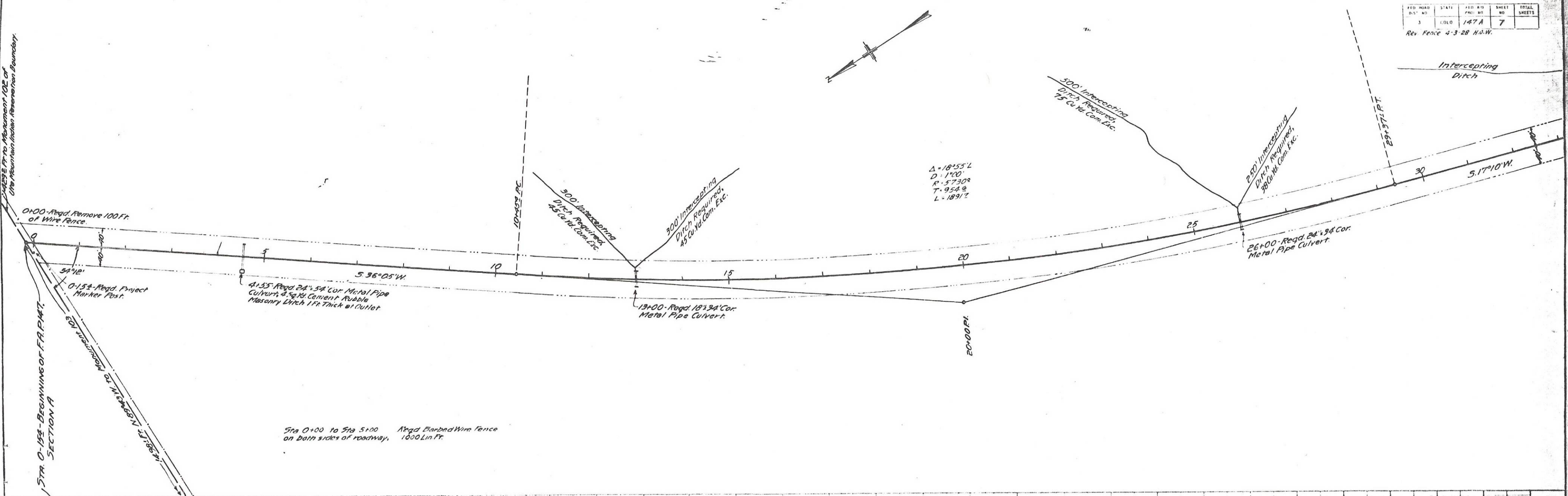


RECOMMENDED FOR APPROVAL
[Signature]
ASSISTANT ENGINEER
APPROVED
[Signature]
STATE HIGHWAY ENGINEER
RECOMMENDED FOR APPROVAL
DIST. ENG. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENG. BUREAU PUBLIC ROADS
APPROVED
DIRECTOR BUREAU PUBLIC ROADS

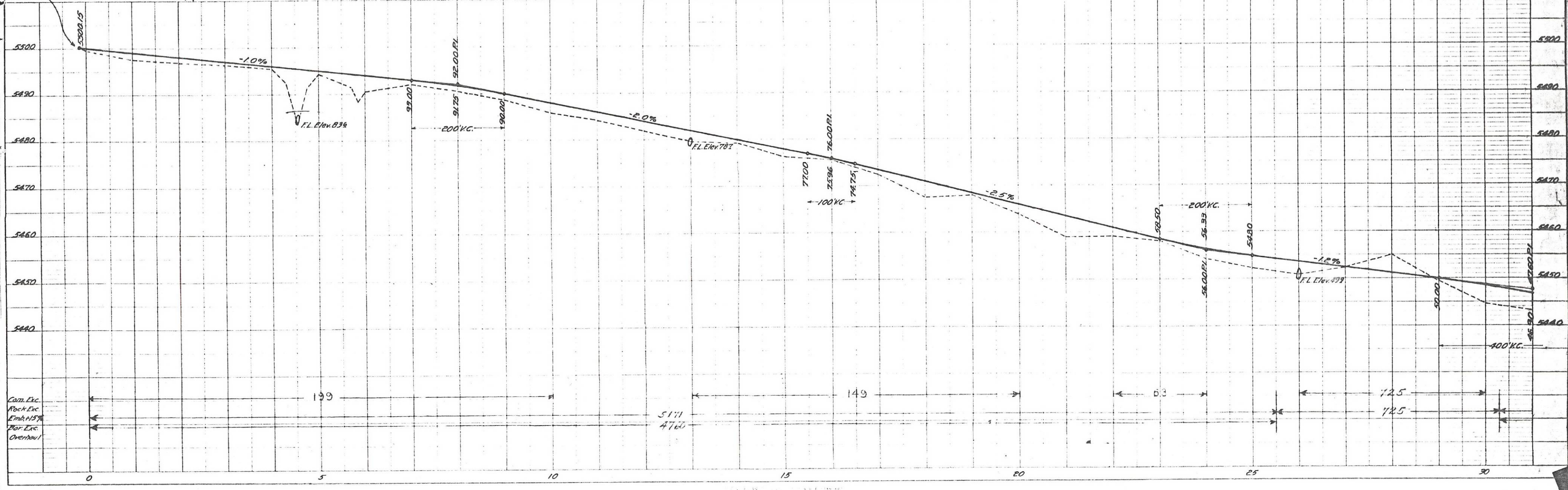
14252-17 to Monument 122 of
the Mountain States Reclamation Boundary.

PROJ. NO.	SHEET	TOTAL SHEETS
14252-17	7	7

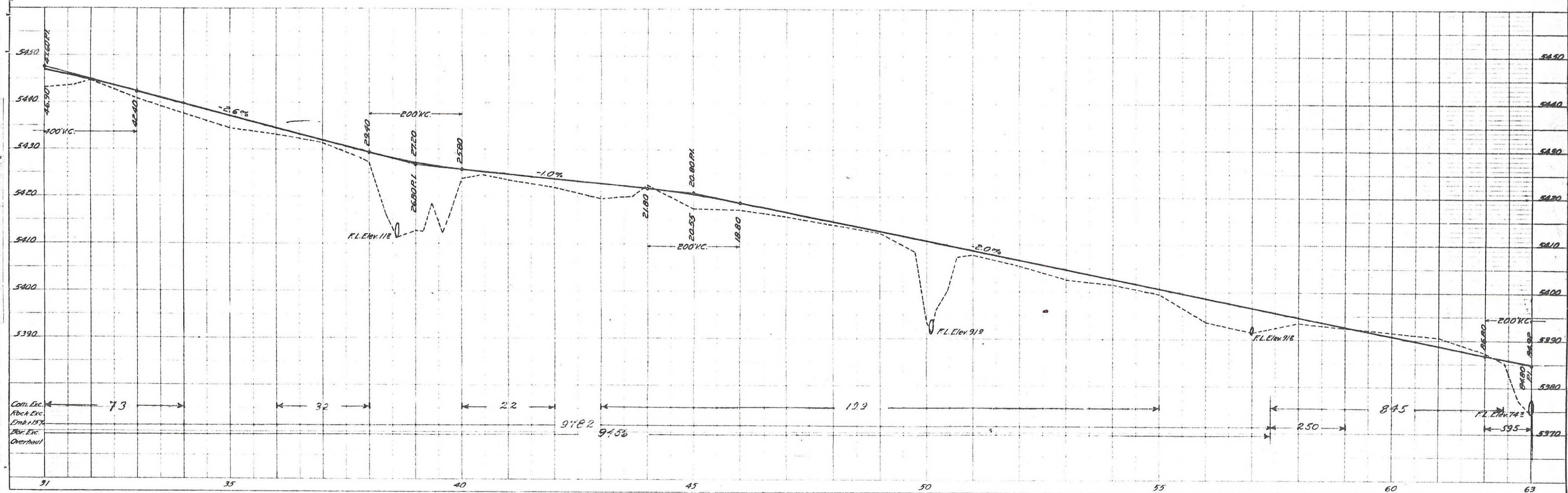
Rev. Fence 4-3-28 H.O.W.

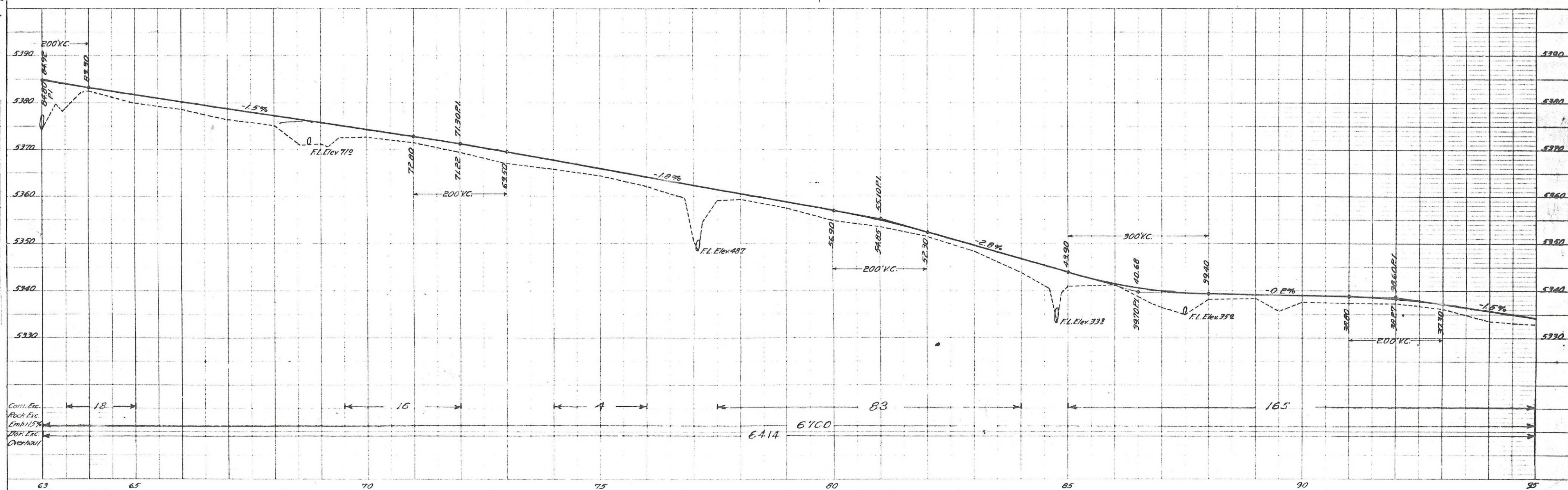
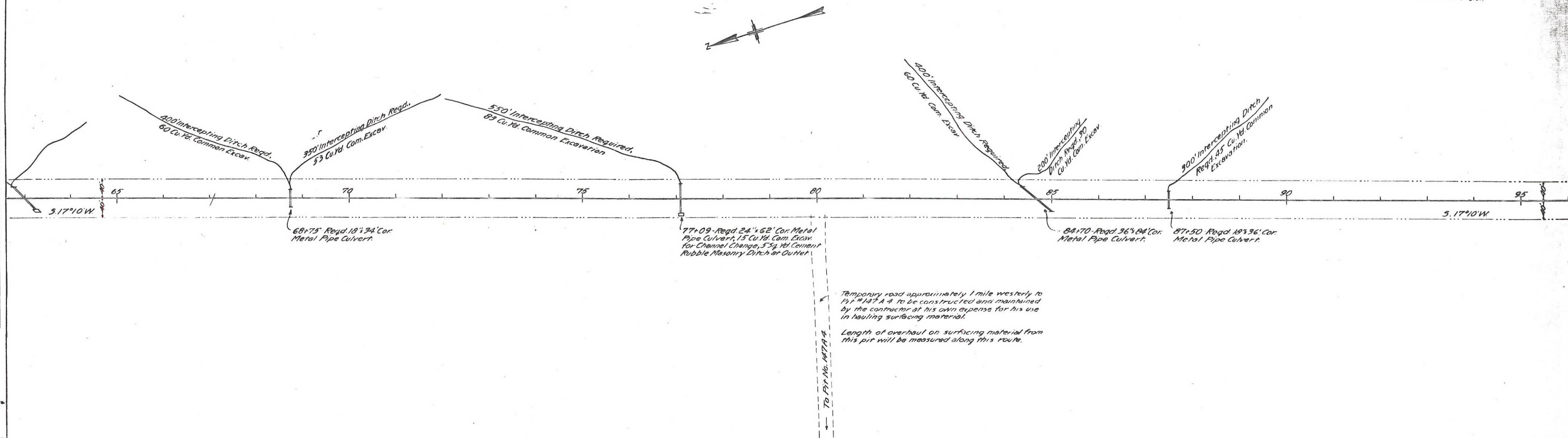


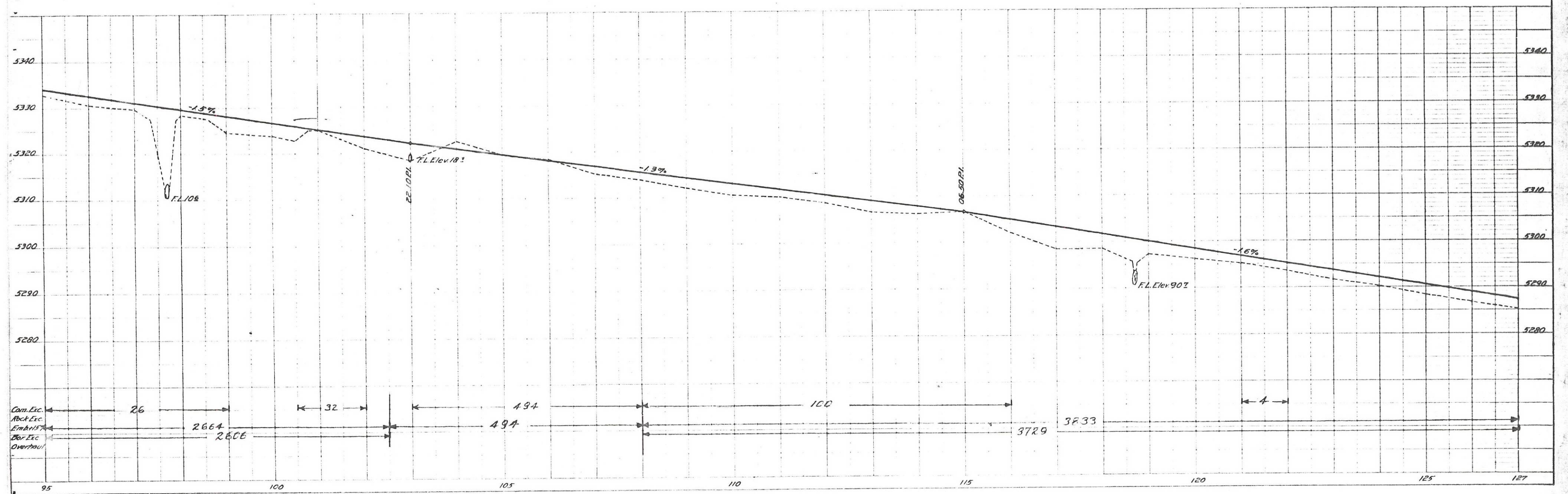
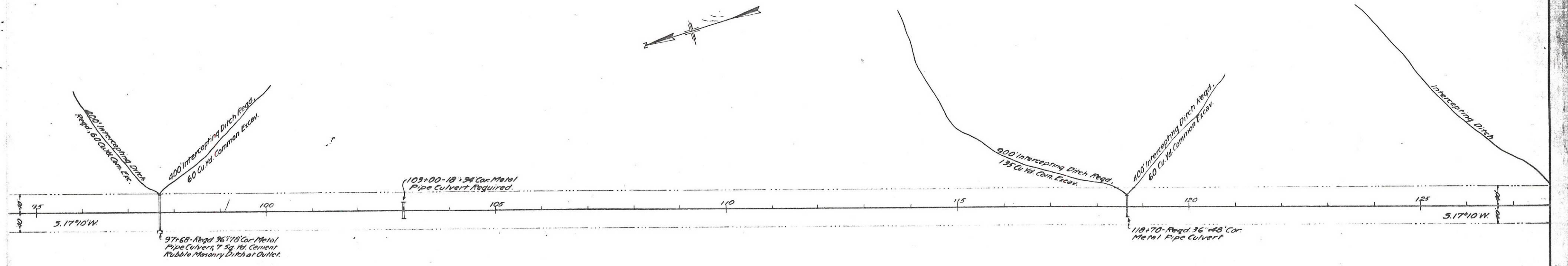
Sta 0+00 to Sta 5+00. Algal Barbed Wire Fence on both sides of roadway, 1000 Lin Ft.



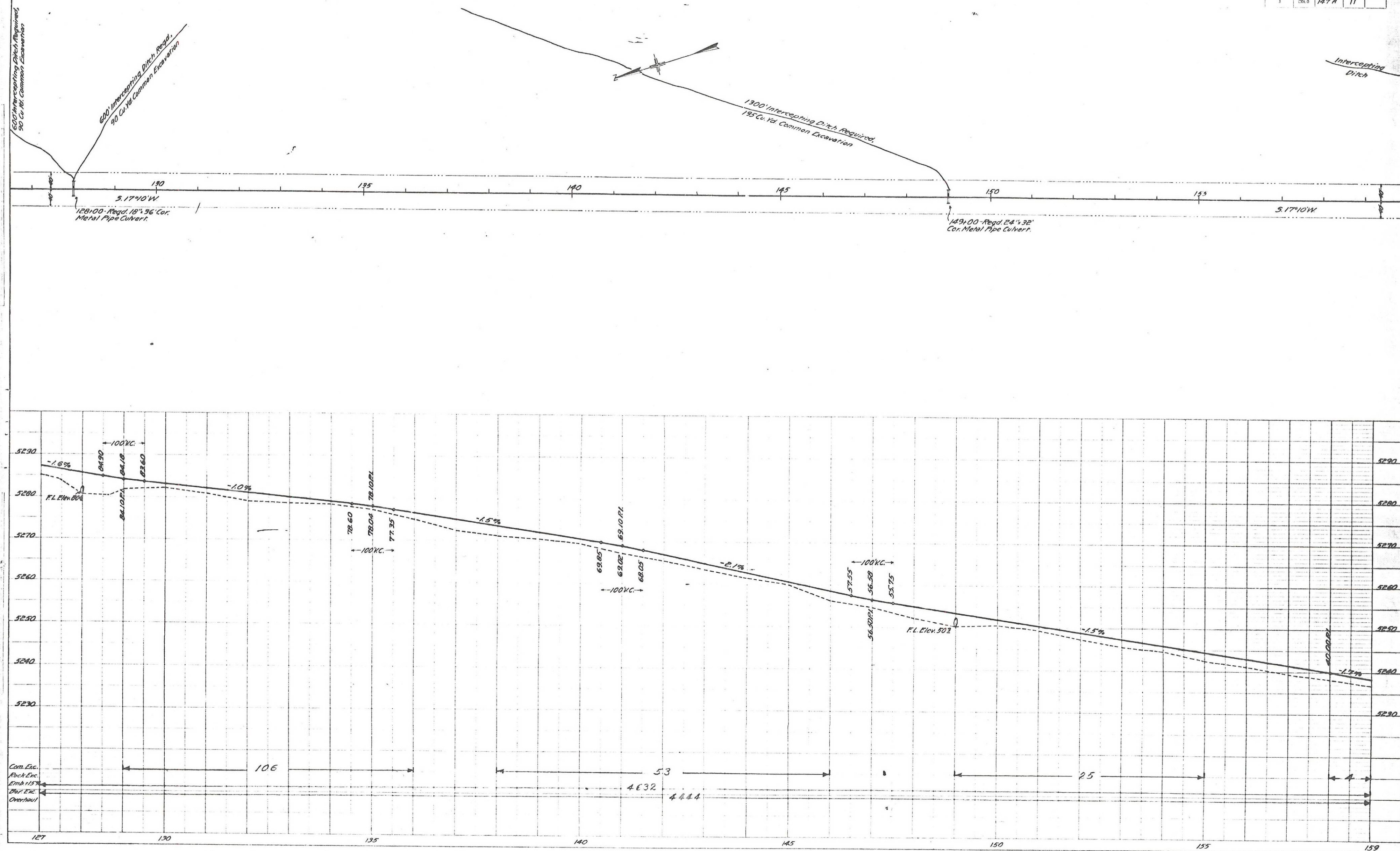
Cont. Exc.
Rock Exc.
Emb. H.P.
Bar. Exc.
Overhaul

[illegible]

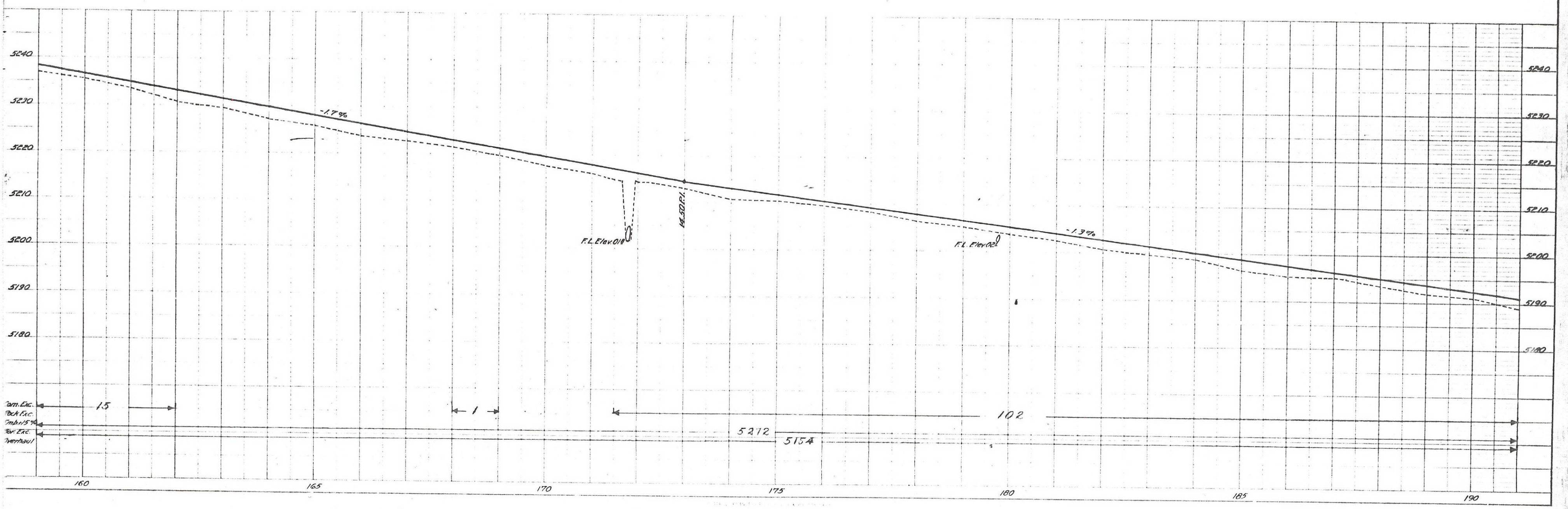
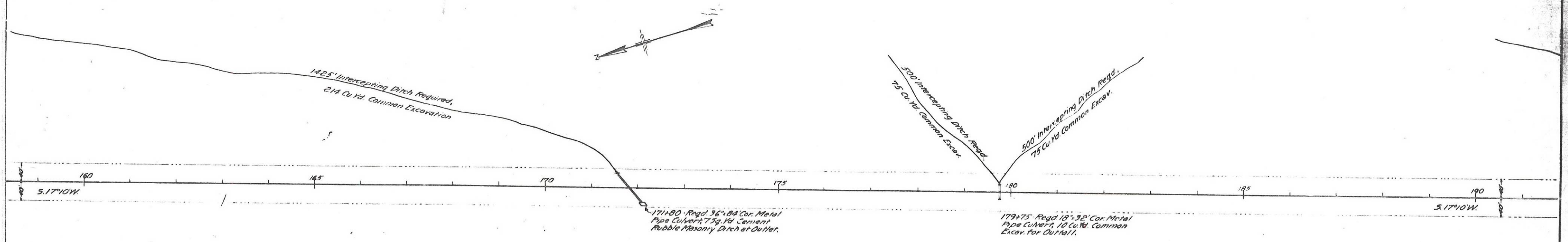


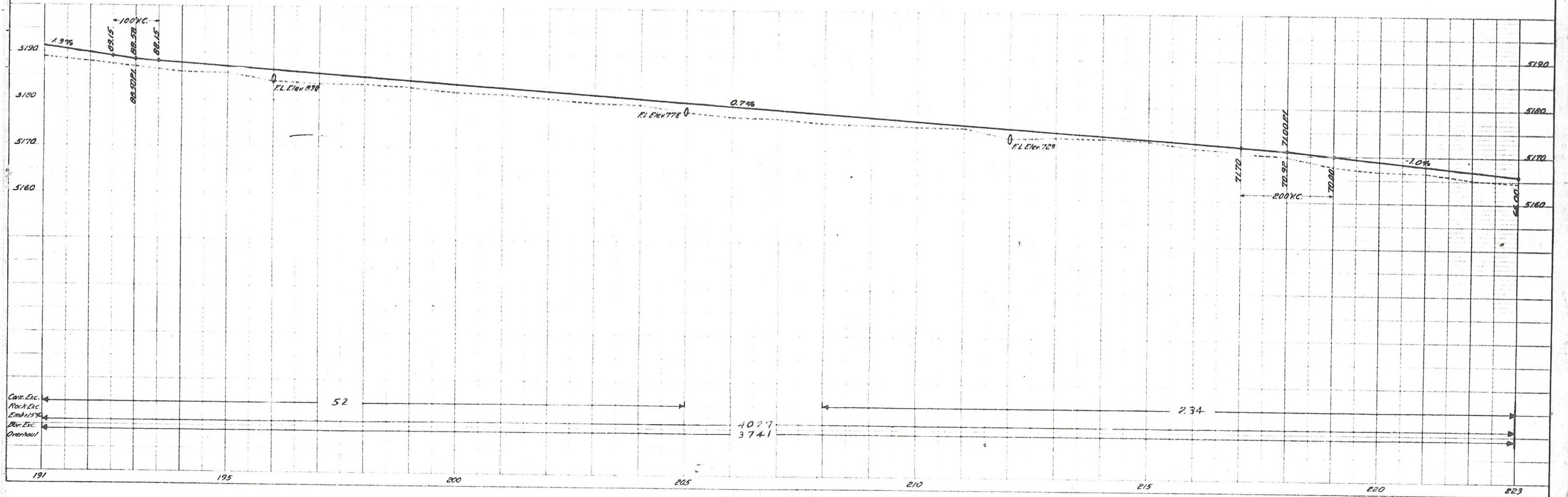
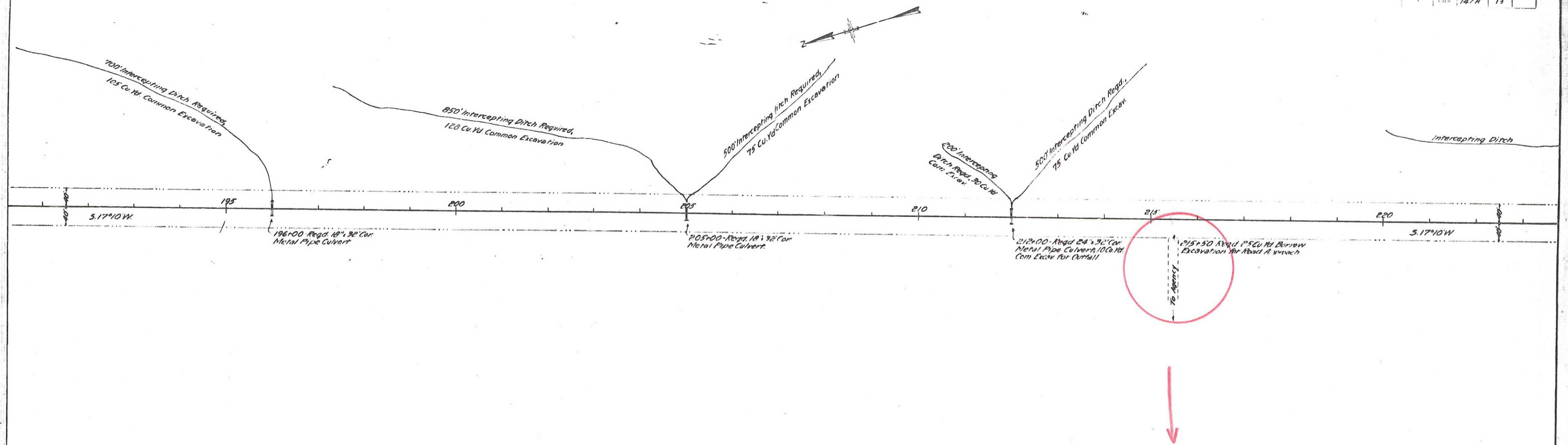


600' Intercepting Ditch Required,
90 Cu Yds. Common Excavation



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	OHIO	147 A	12	





1030' Intercepting Ditch Required
158 Cu Yd Common Excavation

500' Intercepting Ditch Required
75 Cu Yd Common Excavation

229.79 - Regd. 36" x 48" Cor. Metal
Pipe Culvert 7 1/2 Yd Cement Rubble
Masonry Ditch at Outlet

243.25 - Regd. 36" x 36" Cor. Metal
Pipe Culvert 7 1/2 Yd Cement
Rubble Masonry Ditch at Outlet

1200' Intercepting Ditch Required
180 Cu Yd Common Excavation

5.1740 W

5.1740 W

250.771 PL

$\Delta = 23.29^\circ R$
 $D = 120'$
 $R = 206.59$
 $T = 39.29$
 $L = 116.96$

5180

5170

5160

5150

5140

5180

5170

5160

5150

5140

10%

200' VC

300' VC

200' VC

10%

400' VC

FL Elev 432

FL Elev 452

156

81

376

801

35

60.15

5396

223

225

230

235

240

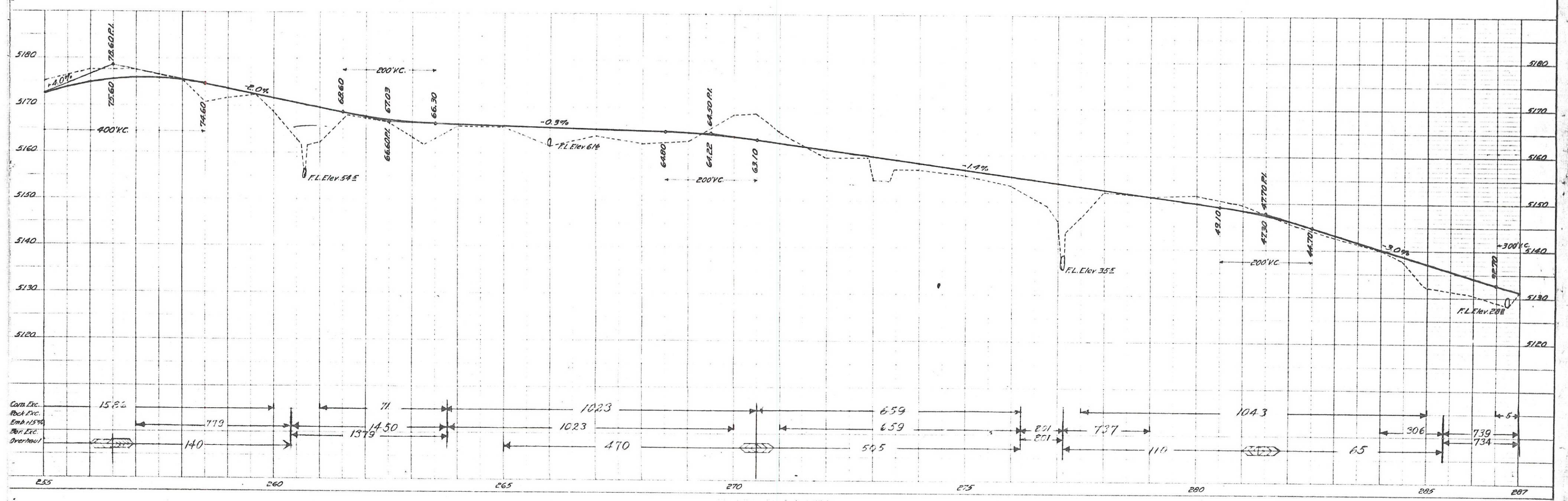
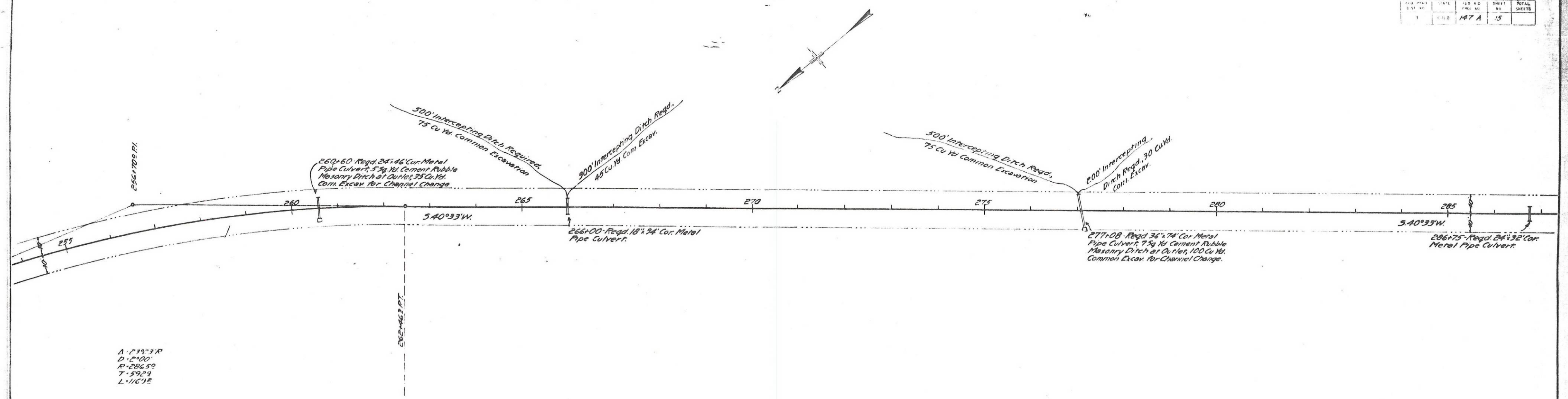
245

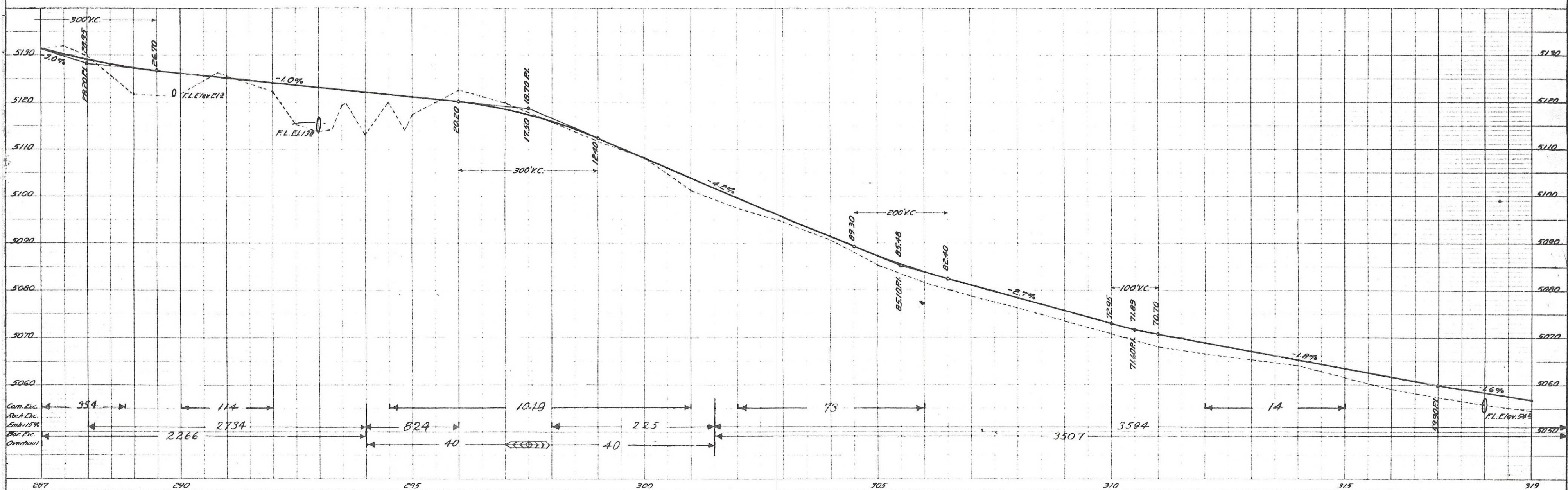
250

255

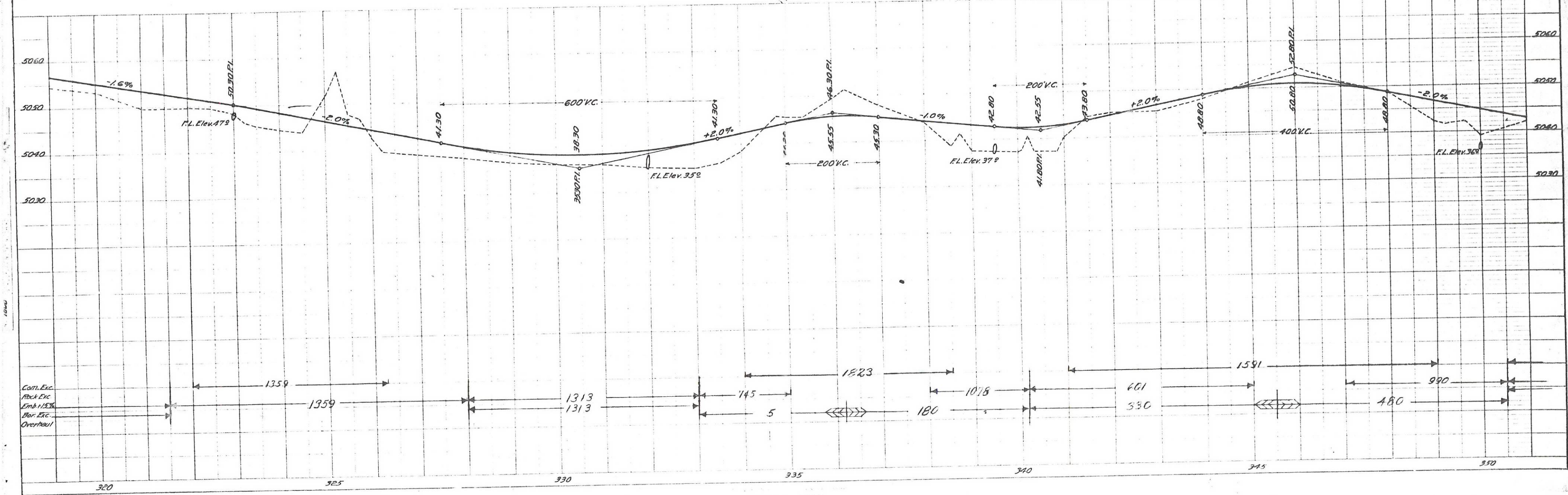
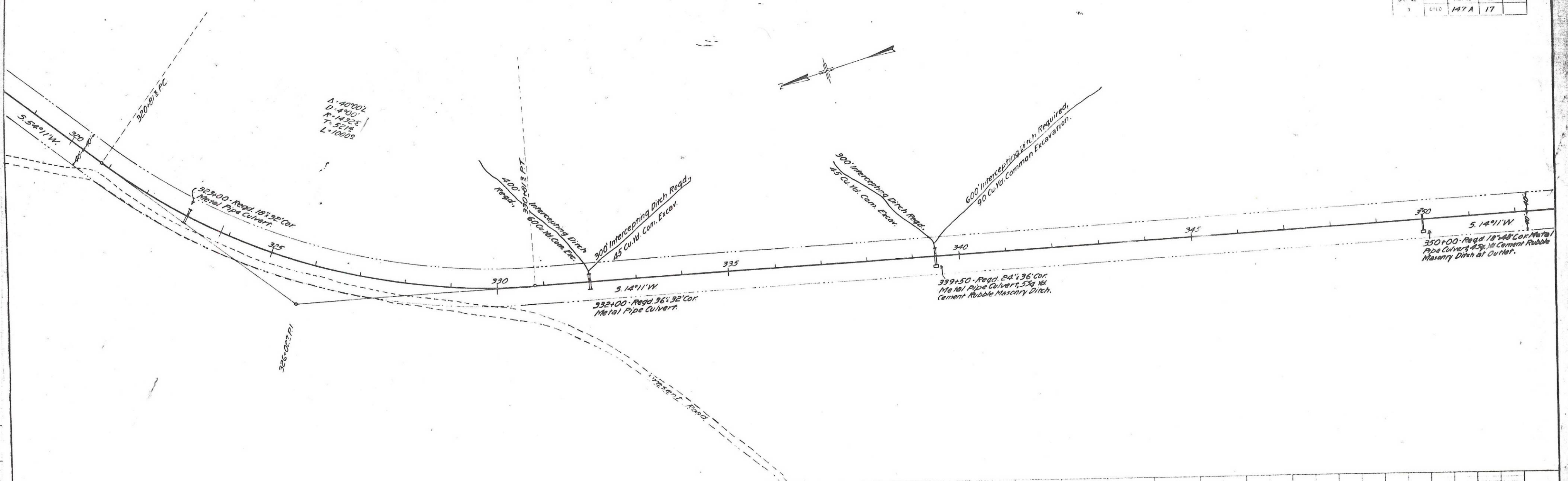
Com. Exc.
 Rock Exc.
 Embank.
 Ditch Exc.
 Overhaul

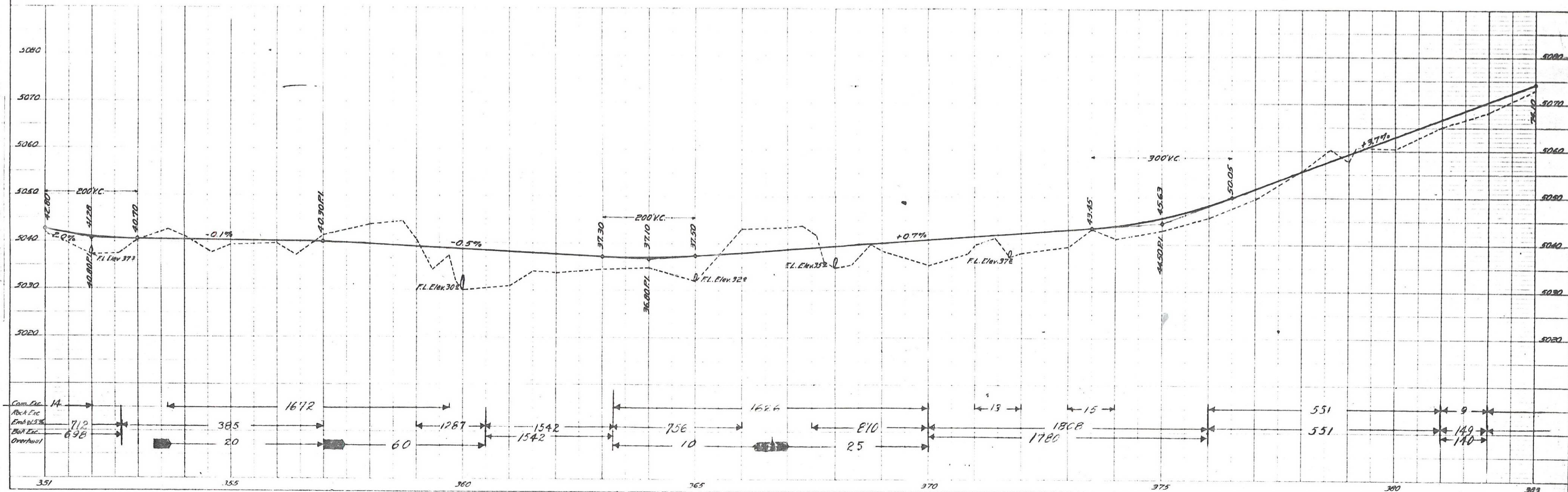
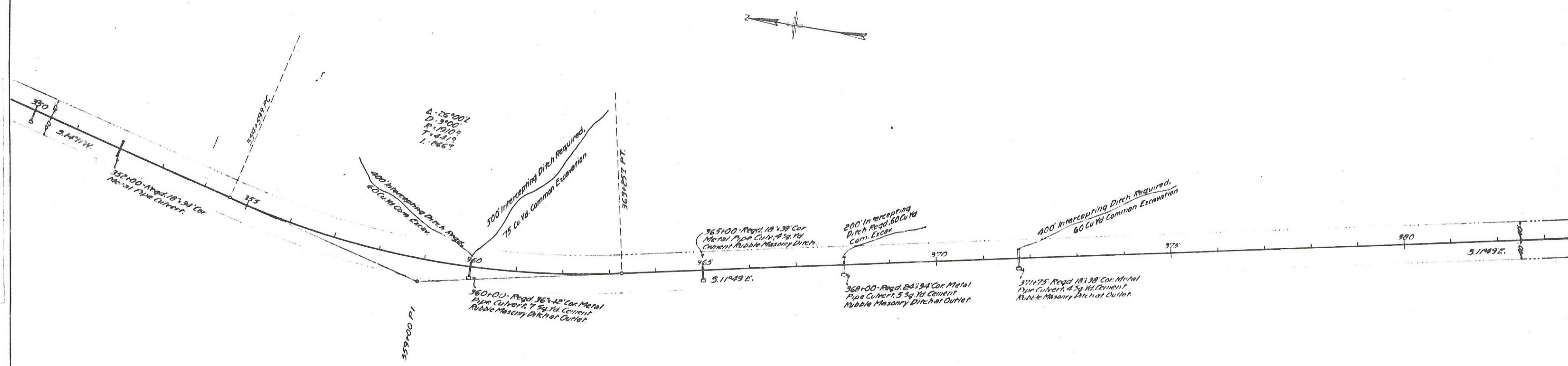
FILE NO.	STATE	FED. AID	SHEET NO.	TOTAL SHEETS
1	ILL.	147 A	15	



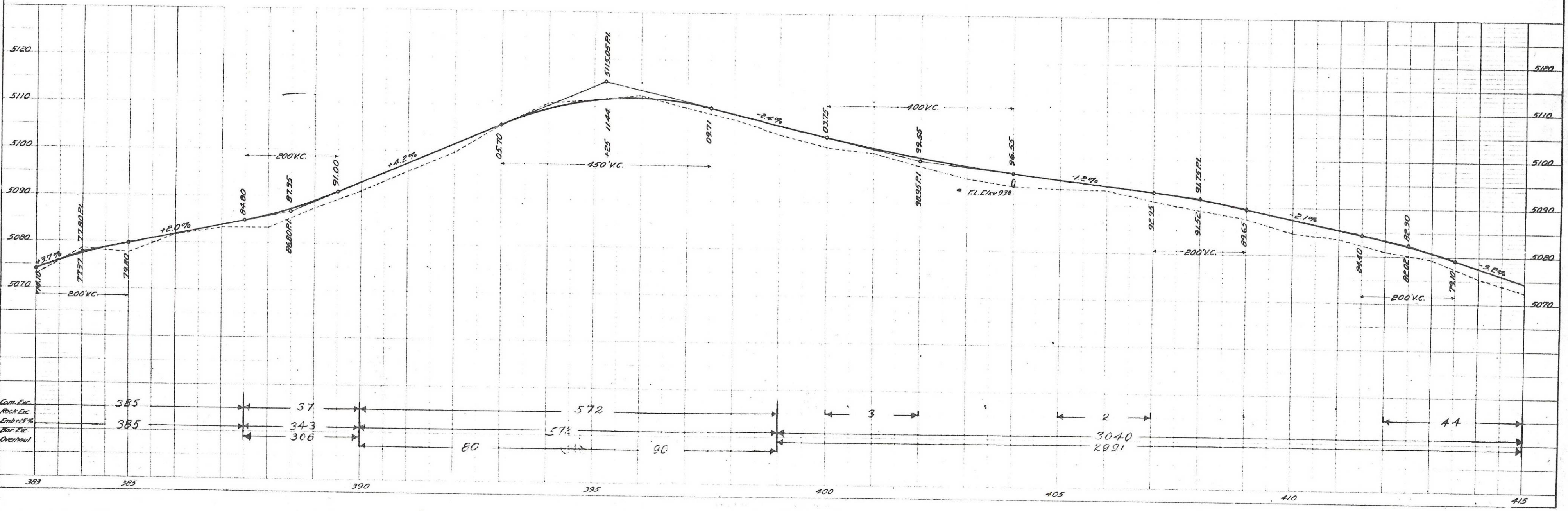
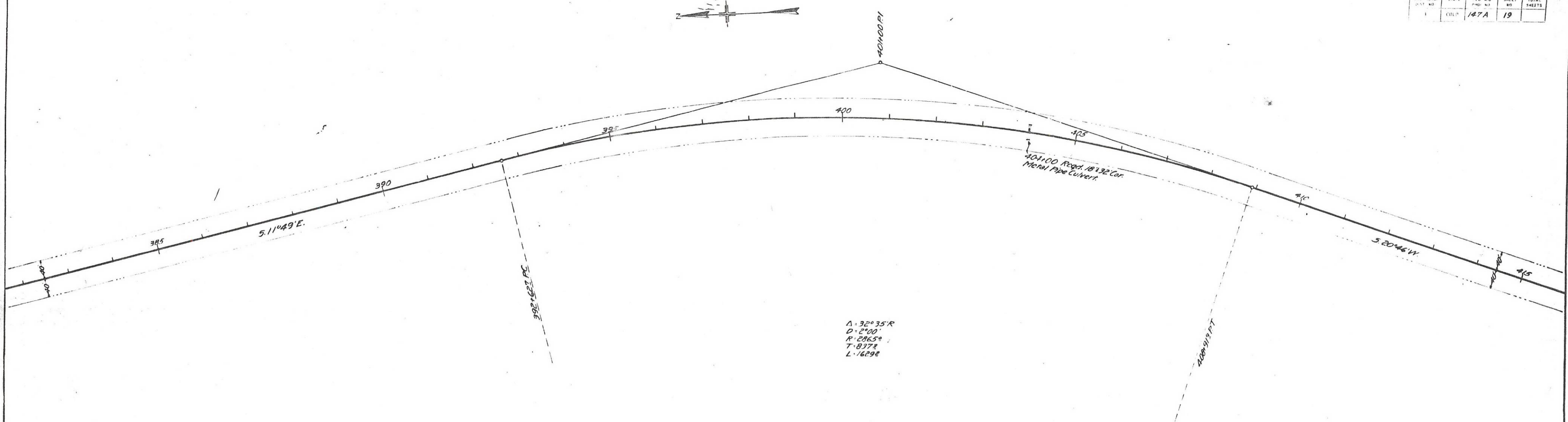


FILE NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	IND.	147A	17	



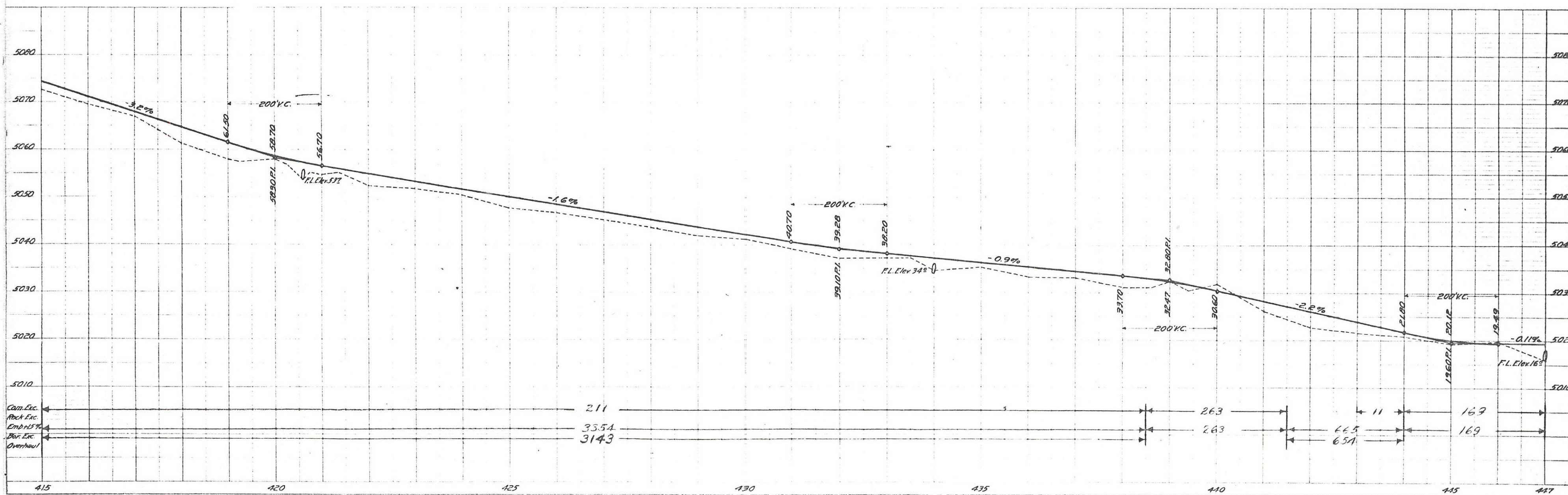
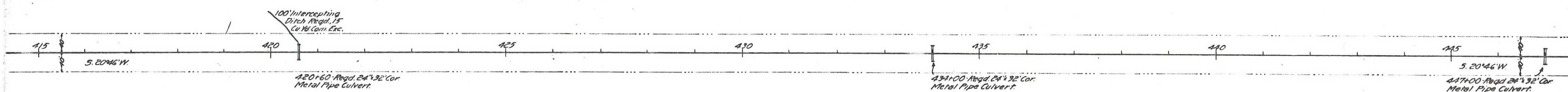


17th ROAD DIST NO	STATE	17th ROAD PROJ NO	SHEET NO	TOTAL SHEETS
1	CALIF.	147A	19	



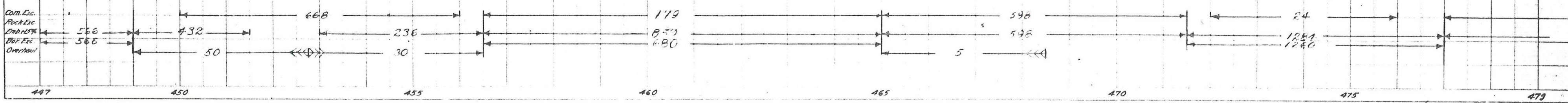
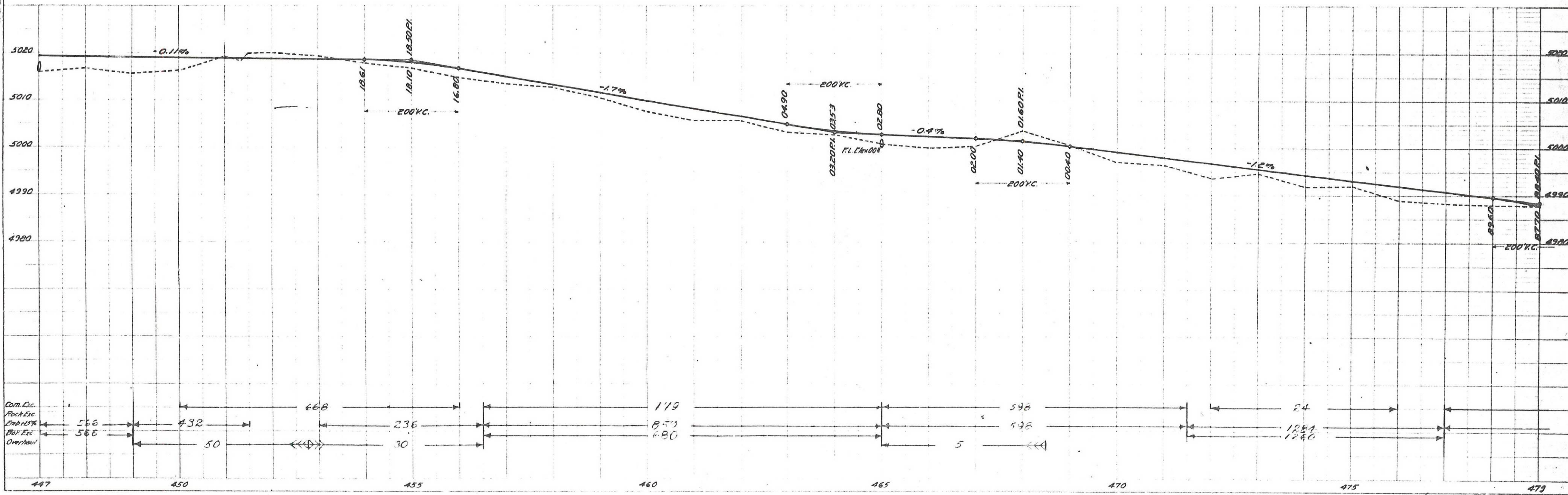
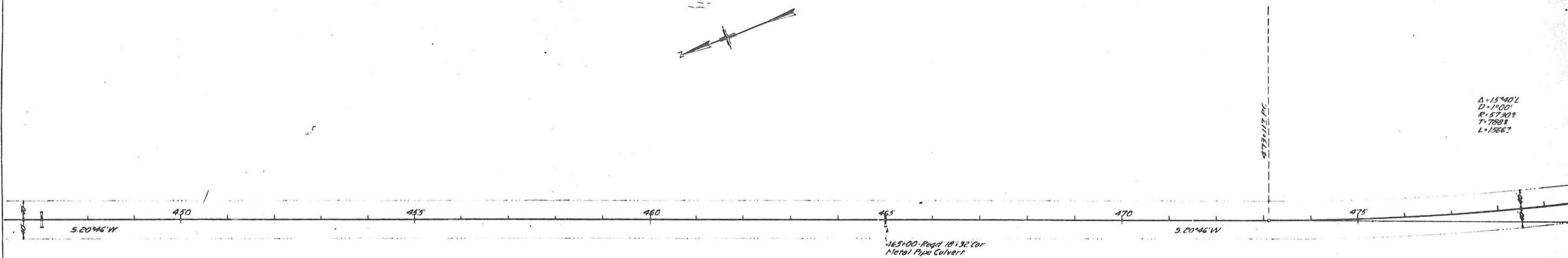
Com. Exc.	385	37	572	3	2	44
Rock Exc.	385	34.3	574			
Emb. 15%		306	90		3040	
Prof. Exc.					2091	
Overhaul						

FED. ROAD DIST. NO.	STATE	F.D. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLD	147A	20	

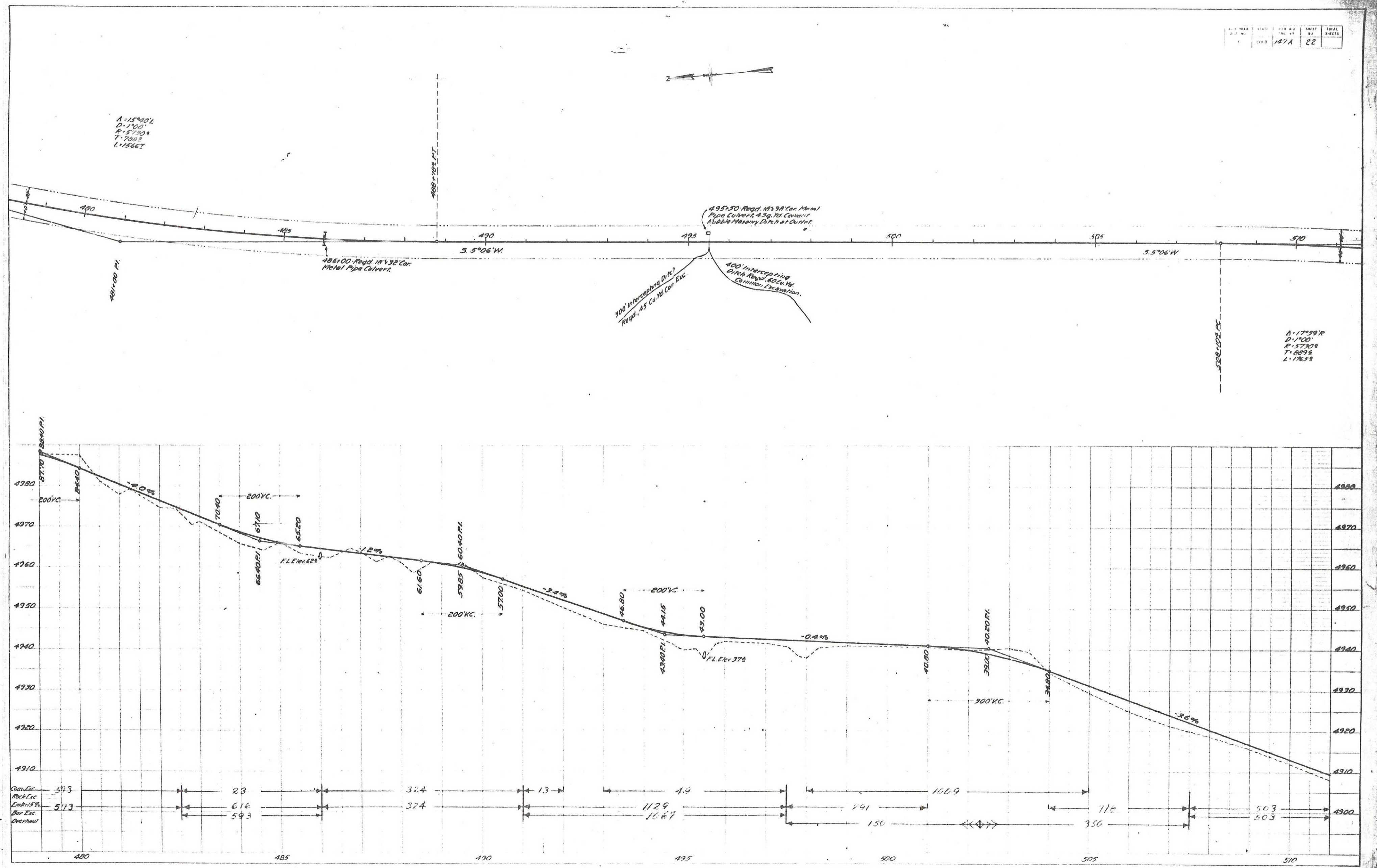


PROJ. NO.	STATE	FED. AID	SHEET NO.	TOTAL SHEETS
147A	MD		21	

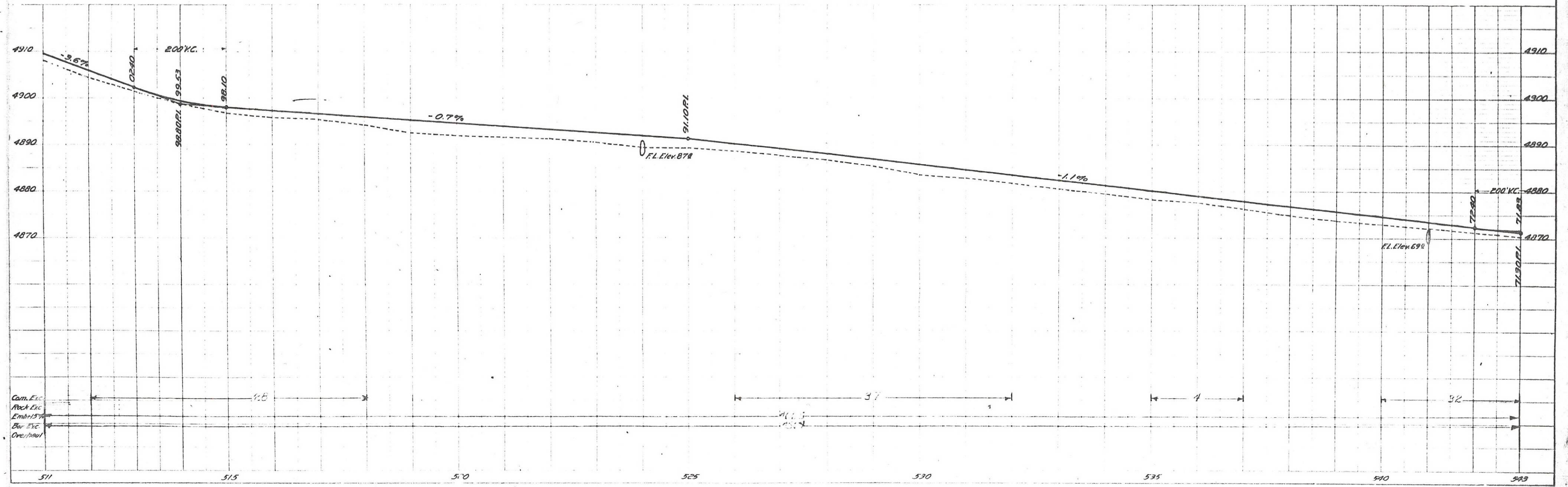
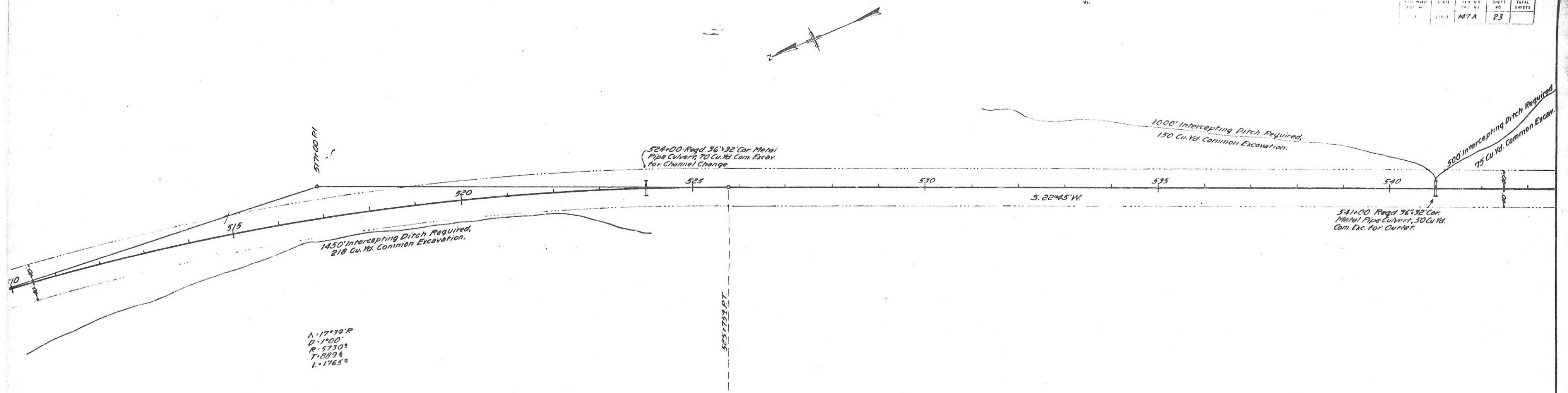
$\Delta = 1540'$
 $D = 100'$
 $R = 5730'$
 $T = 788'$
 $L = 1566'$



FILE NO.	SHEET NO.	TOTAL SHEETS
1	22	22

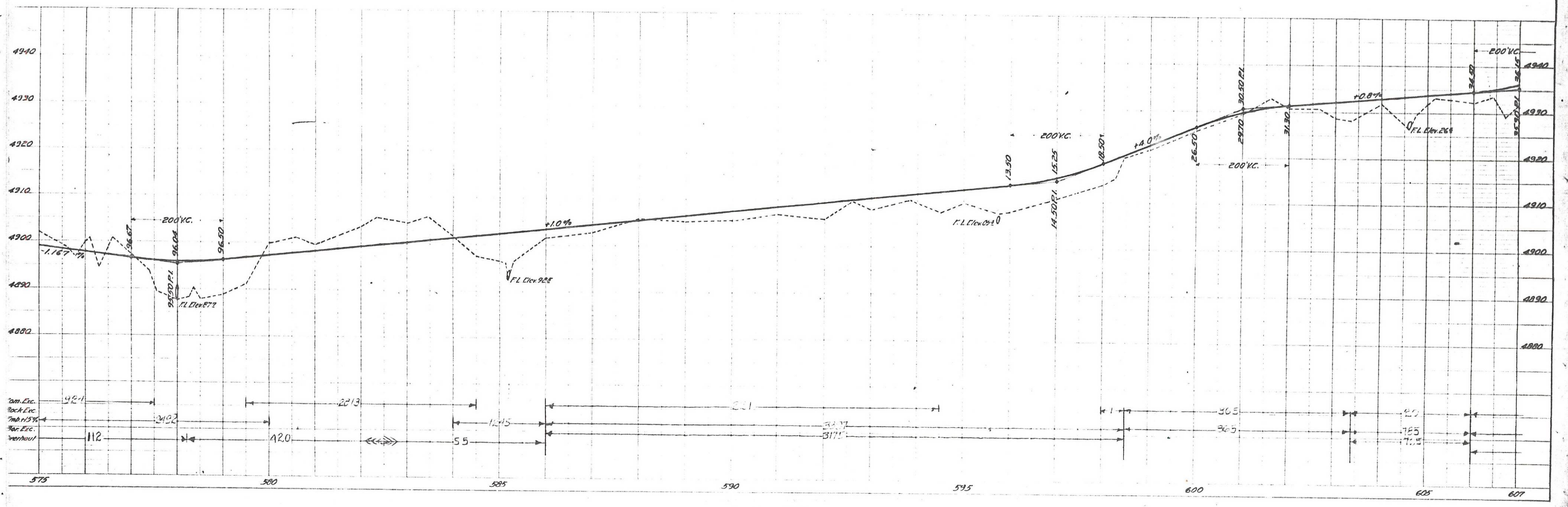
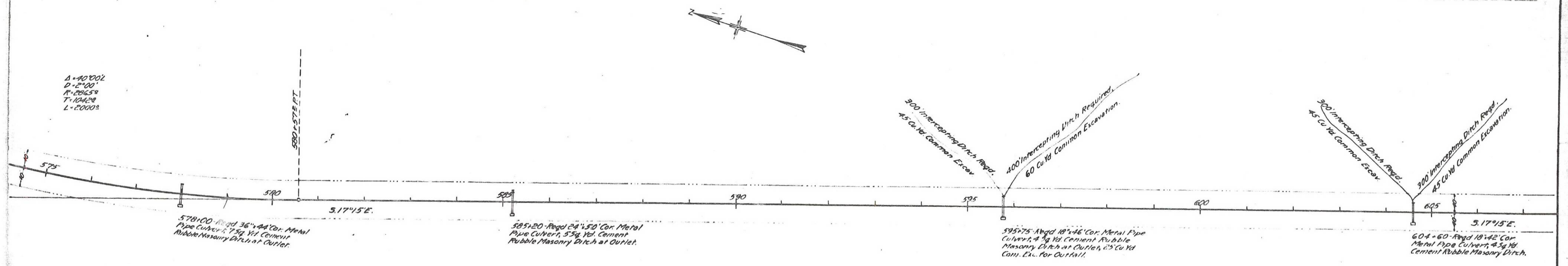


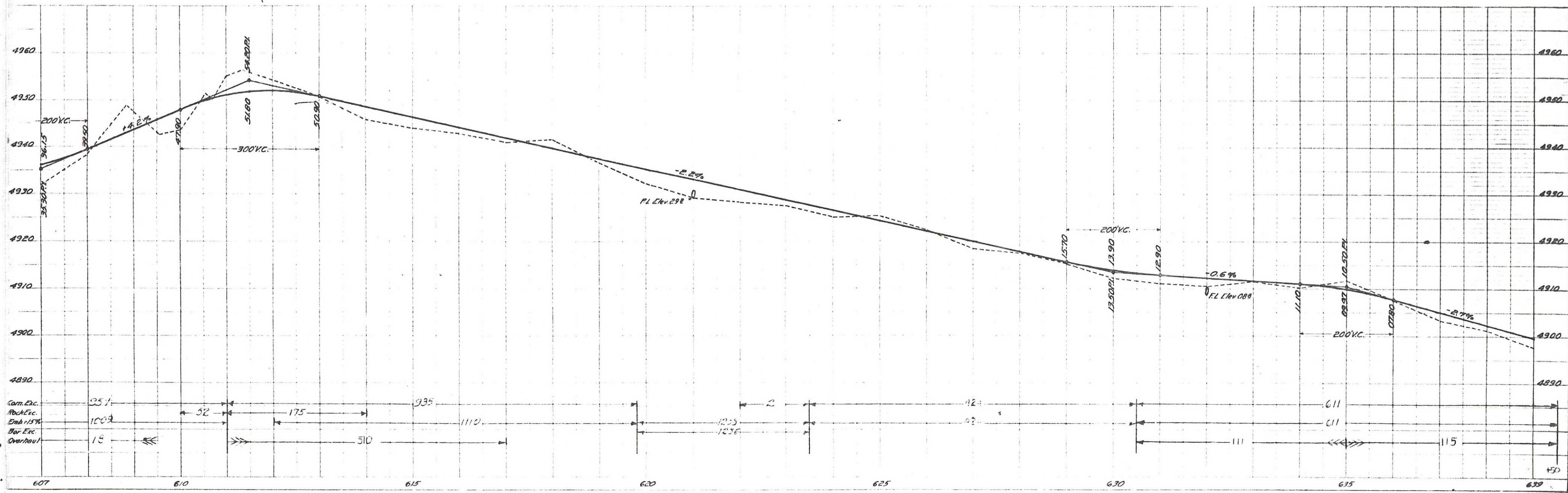
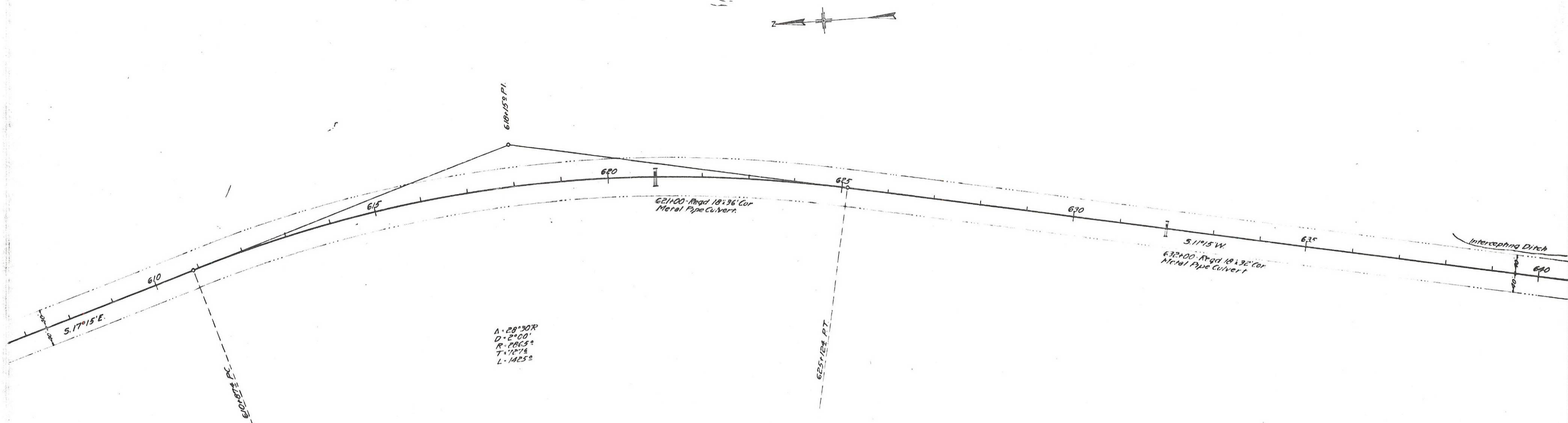
FILE NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	MD	147A	23	



1087

FILE NO.	DATE	BY	CHKD.	SHEET	TOTAL SHEETS
147 A	1975			25	





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLD	147A	27	

Δ-5945'L
 D-1900'
 R-57300
 T-4388
 L-8752



-1200' Intersecting Ditch Required, 630 Cu. Yd. Common Excavation

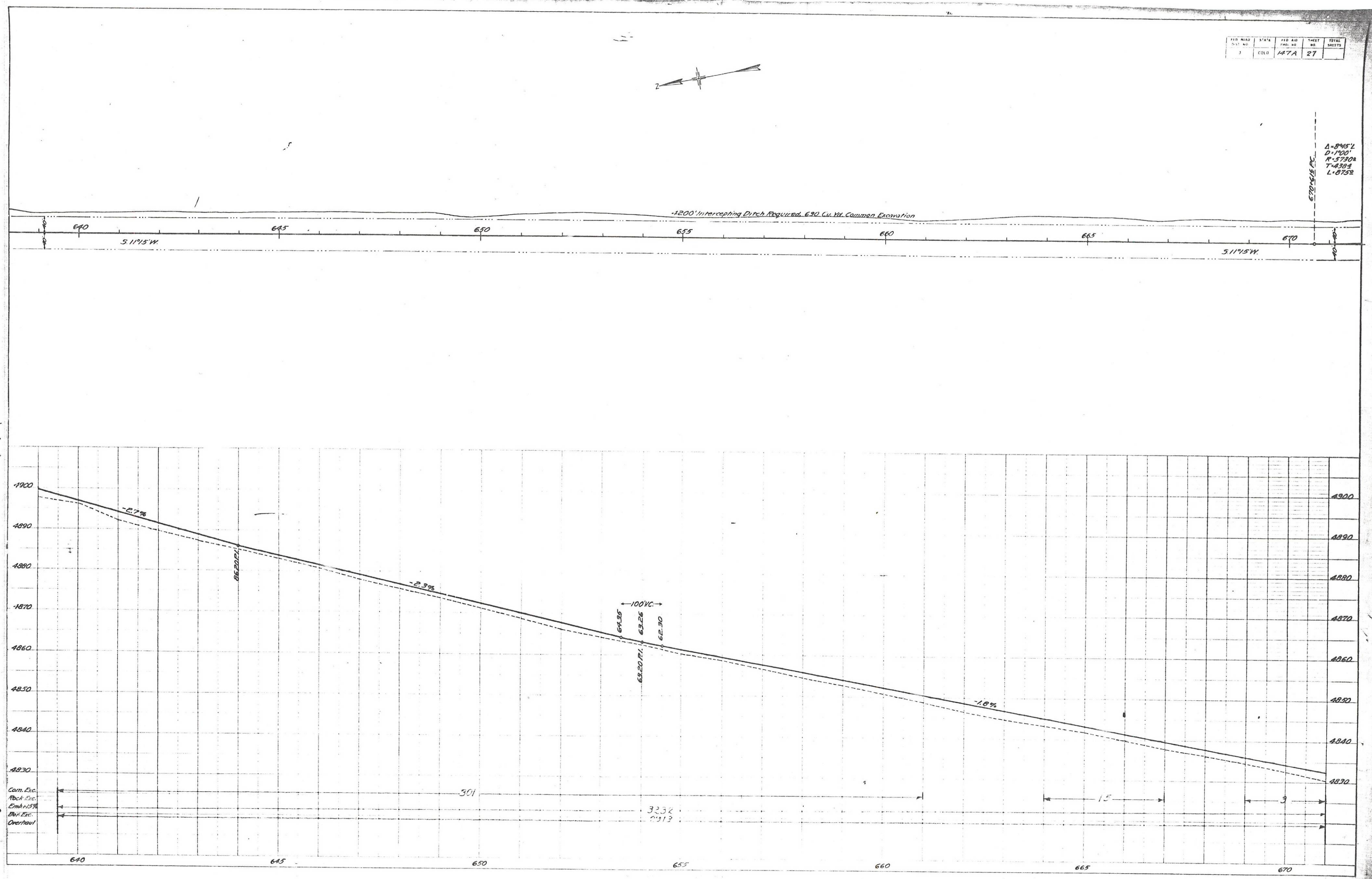
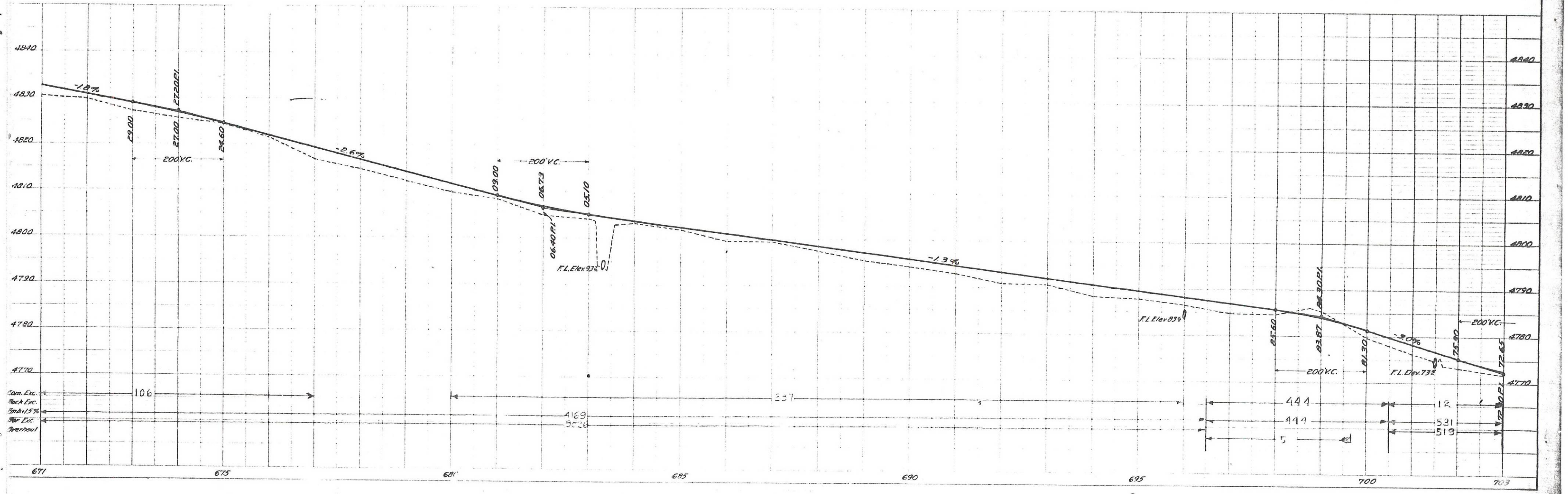
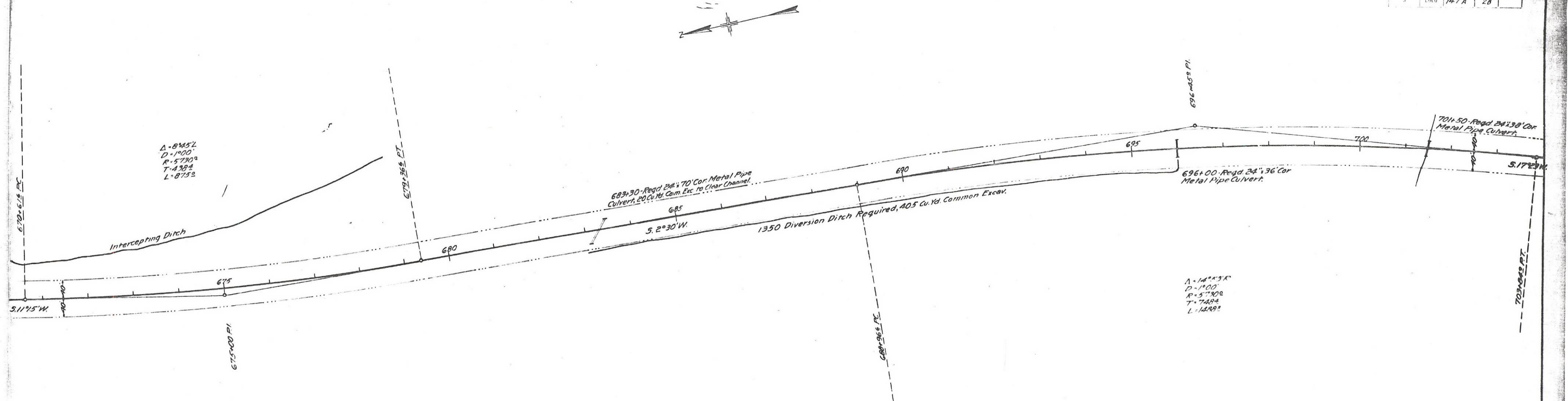
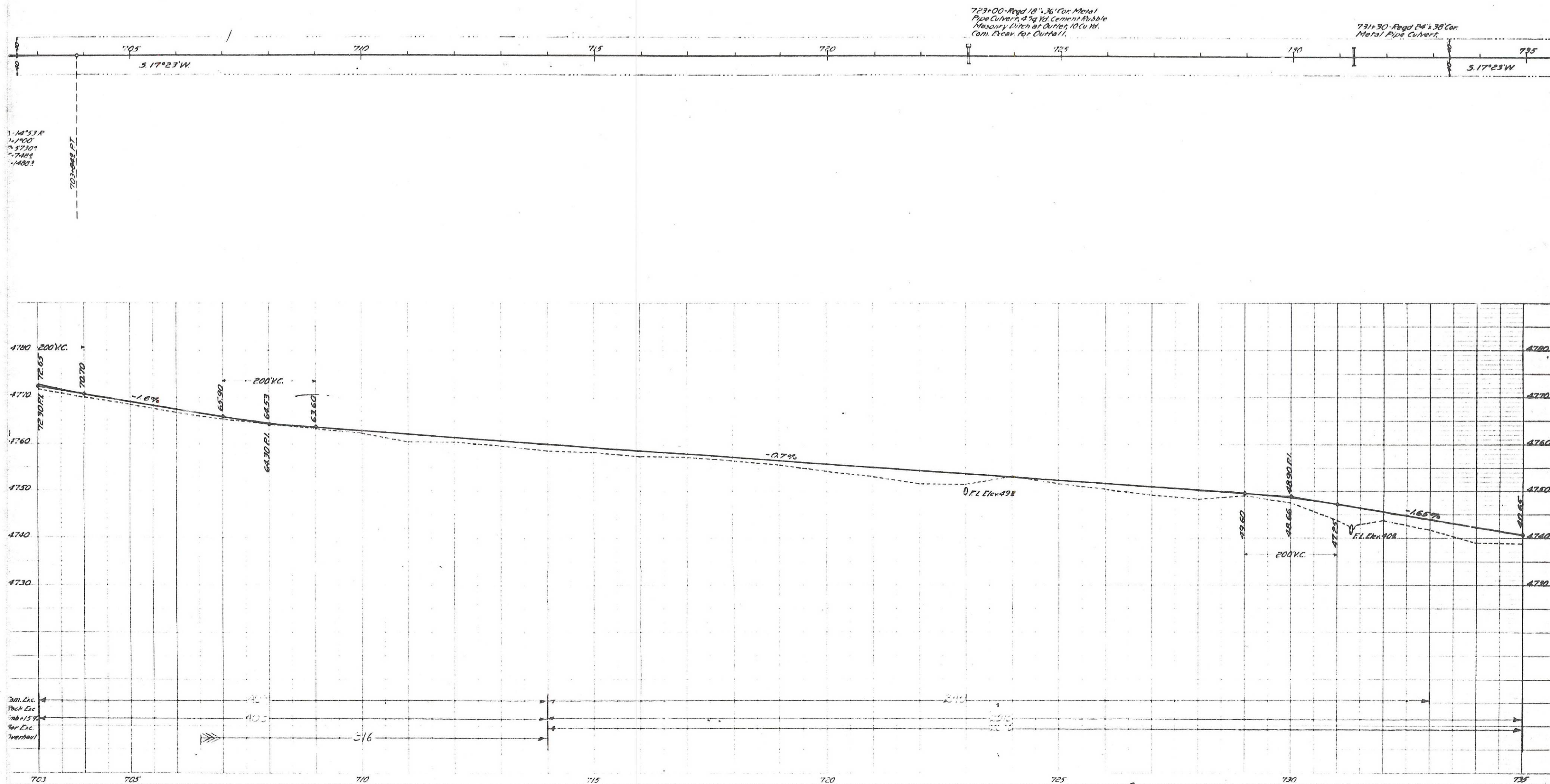


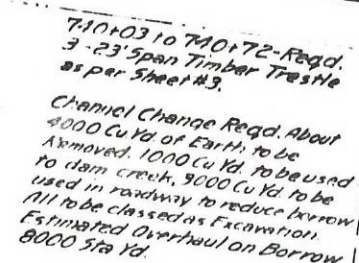
FIG. NO.	DATE	STATE	FIG. NO.	SHEET	TOTAL
1	1900	147 A	28		



A hand-drawn diagram showing a horizontal line with a crossbar. A point labeled 'Z' is marked at the left end of the line. The crossbar is drawn with multiple parallel lines, suggesting a thick or reinforced structure.



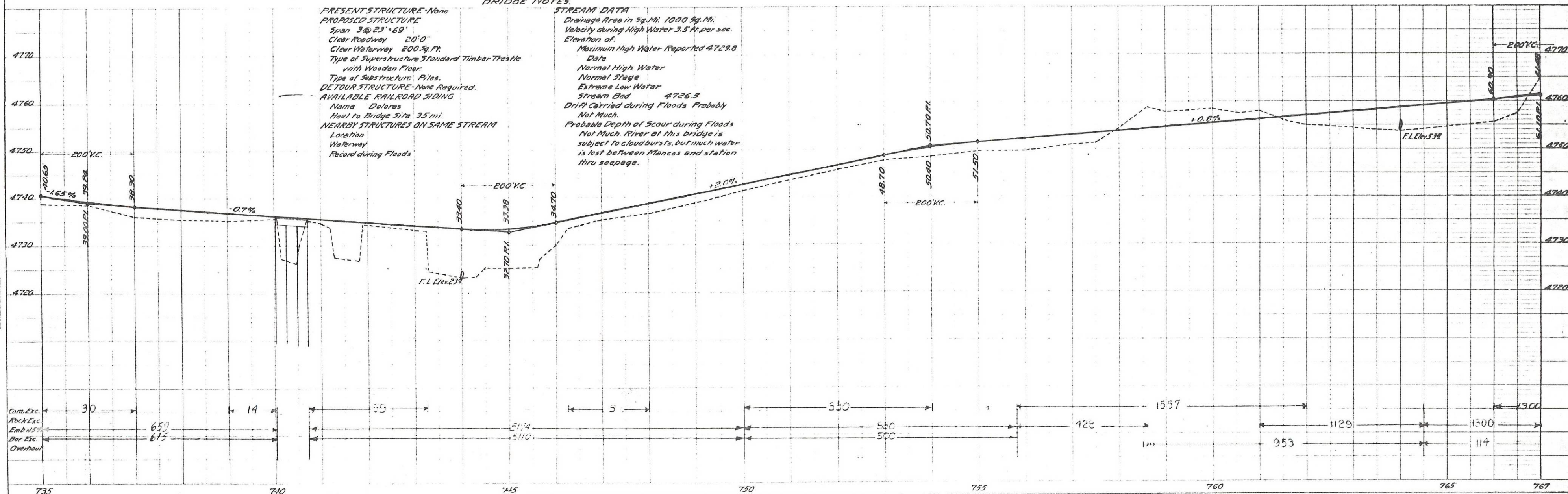
Channel Change (3000 Cu Yd.
Common Excavation), 384 Lin Ft.
(48 Sections @ 8') of 14 in Bulkhead
Required. Place earth back of
bulkhead in old creek channel.
Detail of bulkhead on Sheet #2.



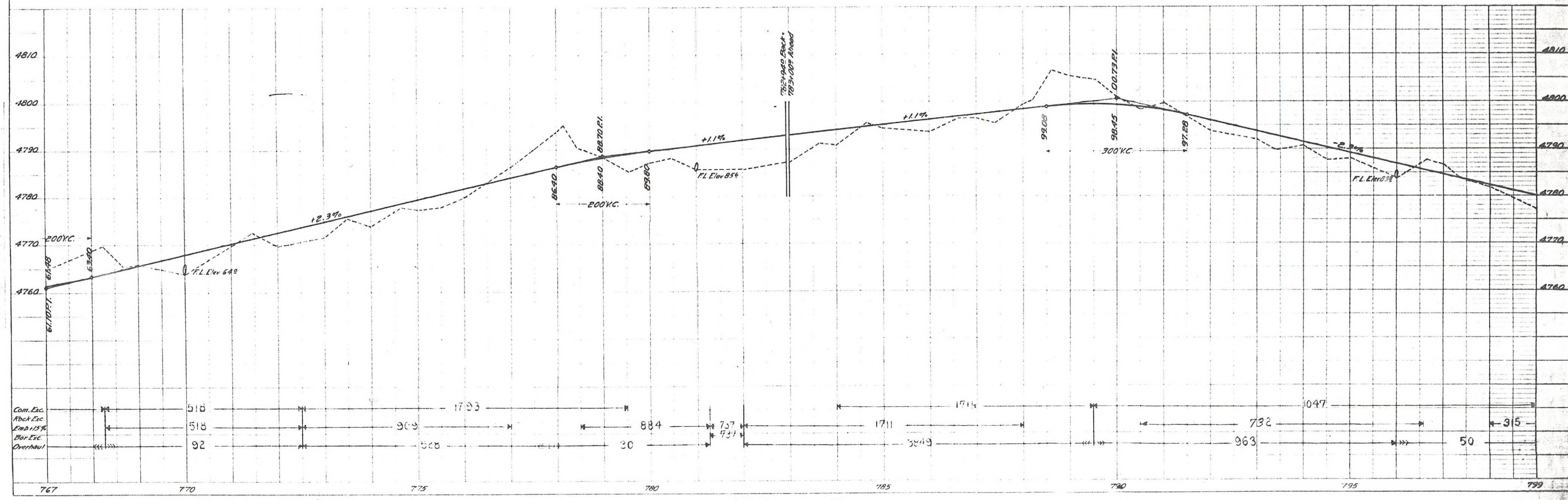
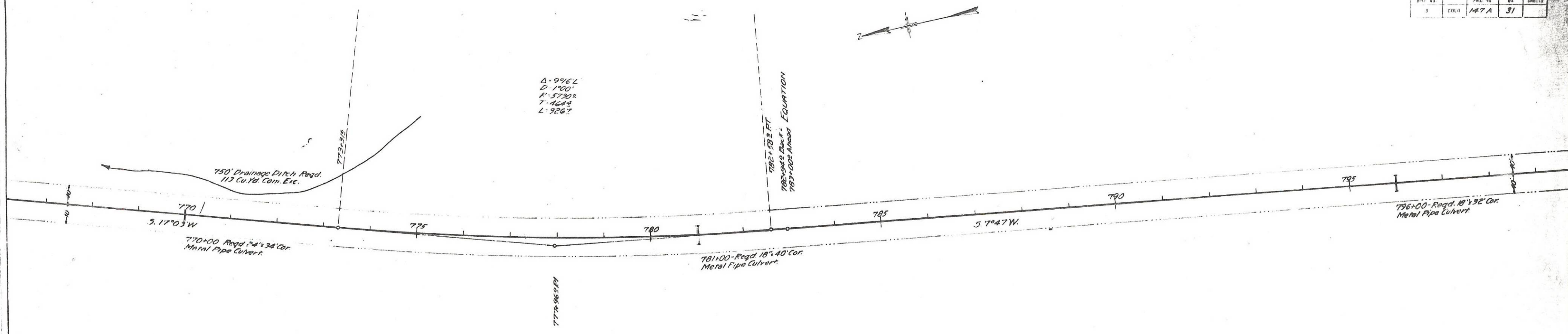
BRIDGE NOTES.

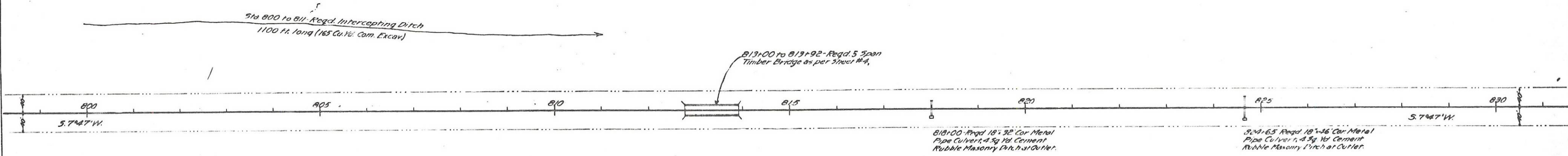
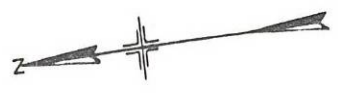
PRESENT STRUCTURE None
PROPOSED STRUCTURE
Span 3 @ 23' 6"
Clear Roadway 20'0"
Clear Waterway 200 sq ft
Type of Superstructure Standard Timber Trestle
with Wooden Floor.
Type of Substructure Piles.
DETOUR STRUCTURE None Required.
AVAILABLE RAILROAD SIDING
Name Delores
Haul to Bridge Site 35 mi.
NEARBY STRUCTURES ON SAME STREAM
Location
Waterway
Record during Floods

STREAM DATA
 Drainage Area in Sq. Mi. 1000 Sq. Mi.
 Velocity during High Water 3.5 ft. per sec.
 Elevation of _____
 Maximum High Water Reported 472.98
 Date _____
 Normal High Water _____
 Normal Stage _____
 Extreme Low Water _____
 Stream Bed 4726.3
 Drift Carried during Floods Probably
 Not Much.
 Probable Depth of Scour during Floods _____
 Not Much. River at this bridge is
 subject to cloudbursts, but much water
 is lost between Meinos and station
 thru seepage.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	CALIF.	147 A	31	

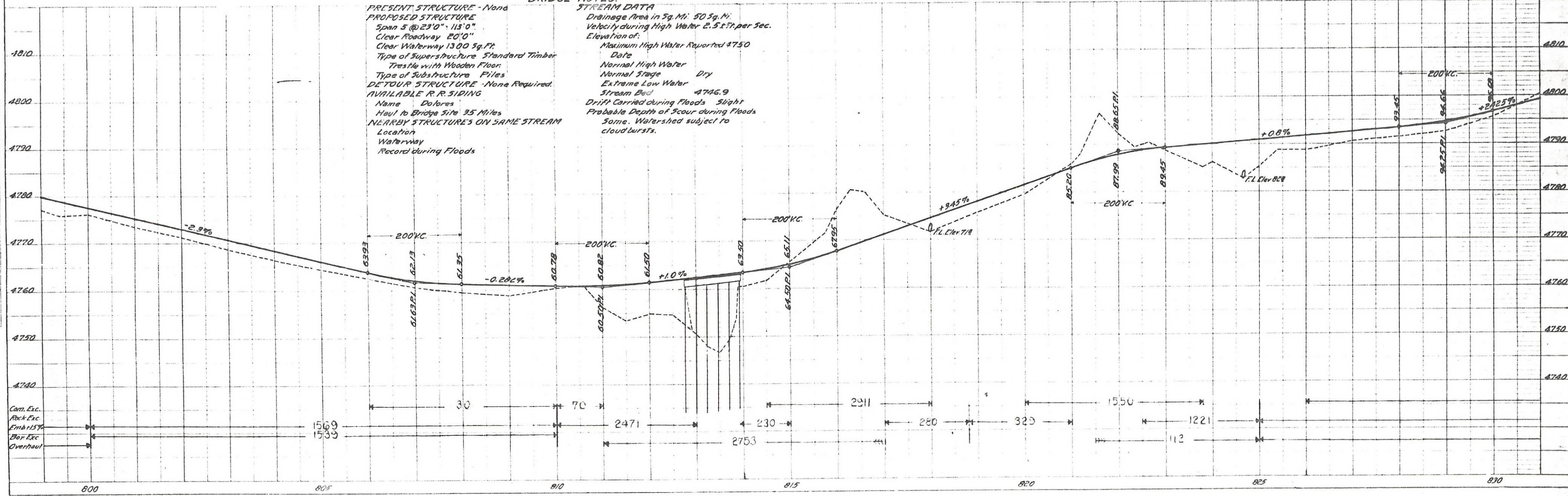




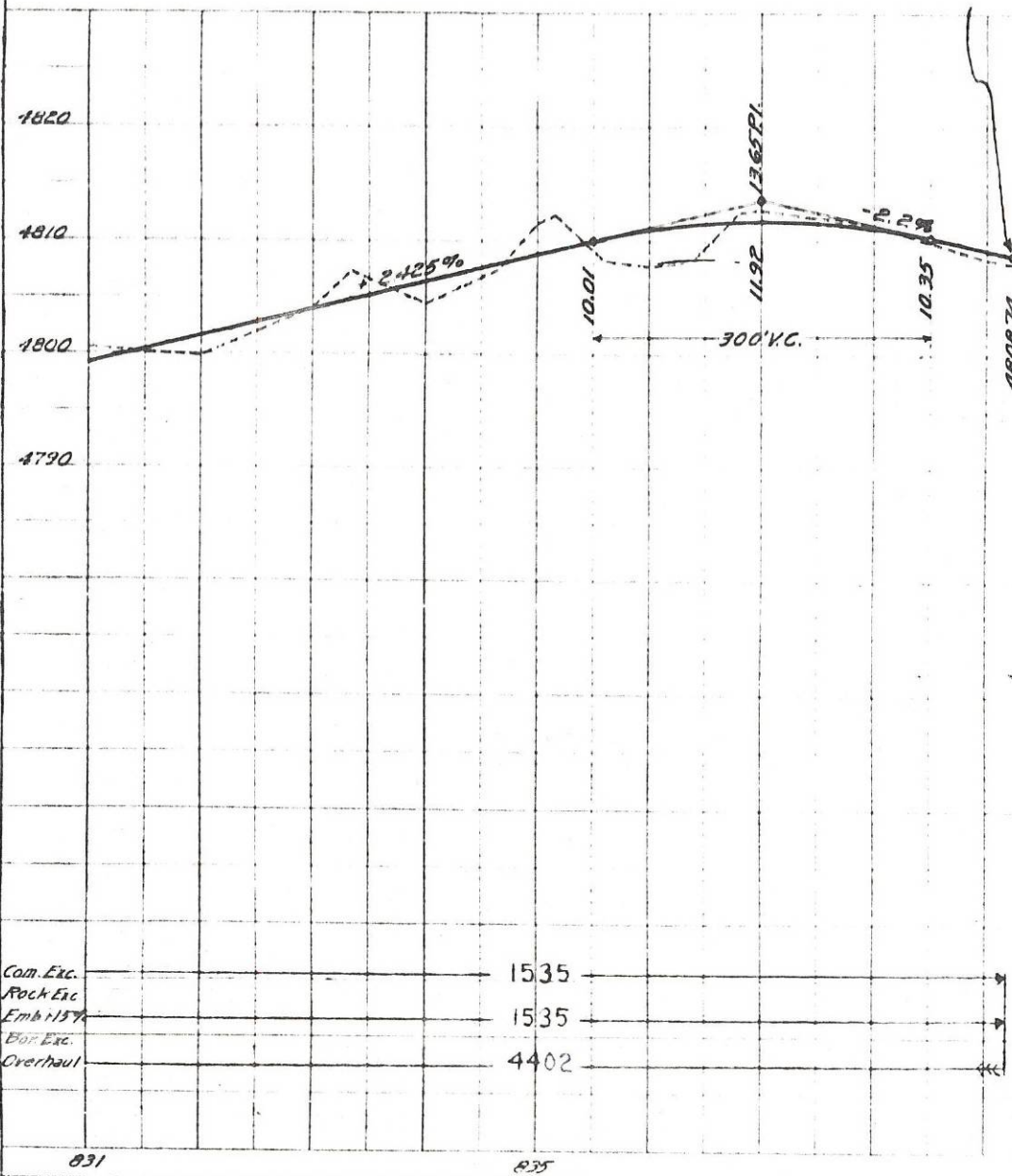
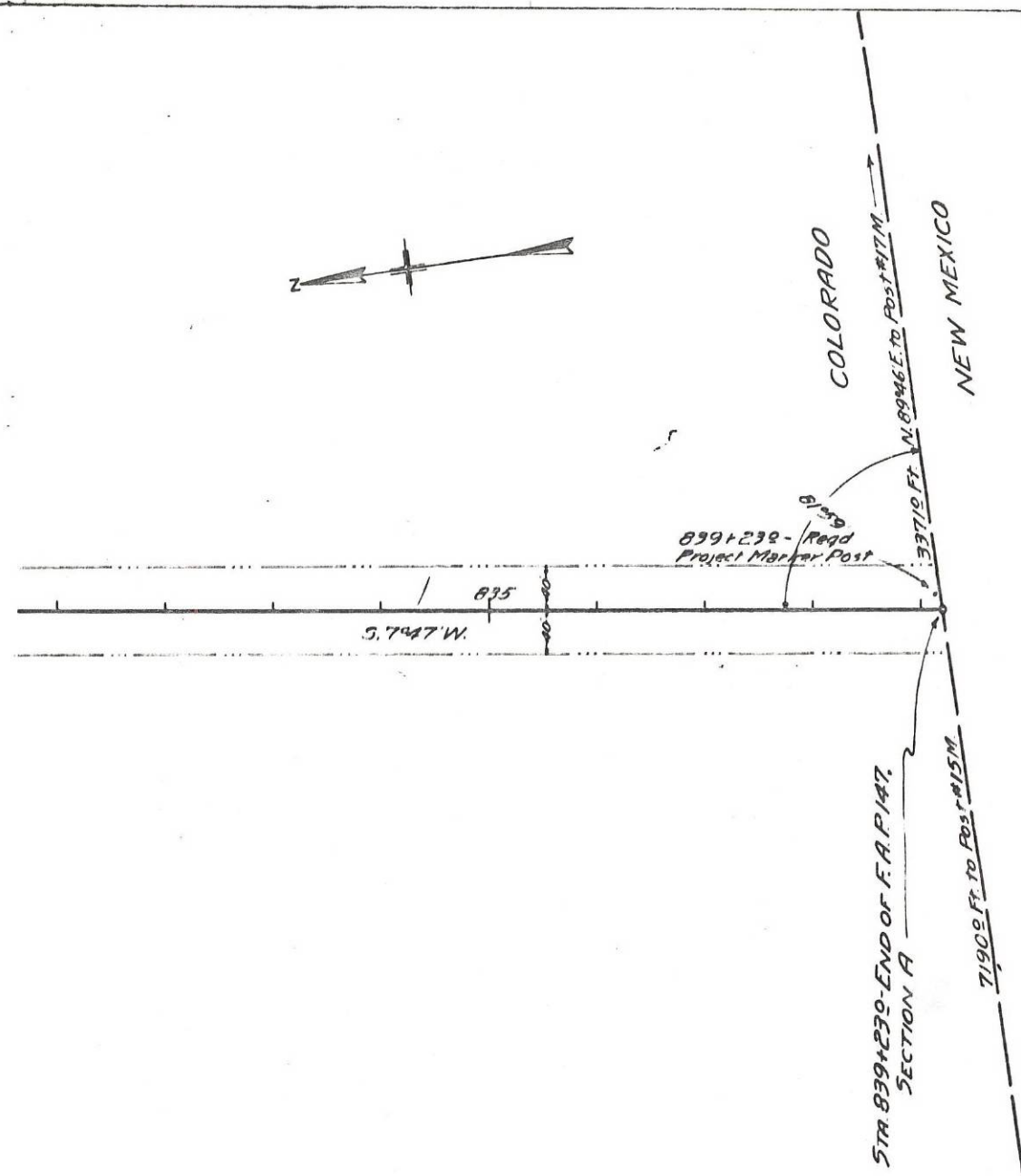
BRIDGE NOTES

PRESENT STRUCTURE - None
PROPOSED STRUCTURE
 Span 5 @ 23'0" = 115'0"
 Clear Roadway 20'0"
 Clear Waterway 13'00 5g. Ft.
 Type of Superstructure Standard Timber
 Trestle with Wooden Floor
 Type of Substructure Piles
DETOUR STRUCTURE - None Required.
AVAILABLE R.R. SIDING
 Name Dolores
 Haul to Bridge Site 35 Miles
NEARBY STRUCTURES ON SAME STREAM
 Location
 Waterway
 Record during Floods

STREAM DATA
 Drainage Area in Sq. Mi. 50 Sq. Mi.
 Velocity during High Water 2.5 ft. per Sec.
 Elevation of:
 Maximum High Water Reported 4750
 Date
 Normal High Water
 Normal Stage Dry
 Extreme Low Water
 Stream Bed 4746.9
 Drift Carried during Floods Slight
 Probable Depth of Scour during Floods
 Some Watershed subject to
 cloudbursts.



FILE NO.	STATE	FILE NO.	SHEET	TOTAL
147A	CULO	147A	33	SHEETS



Com. Exc.	1535
Rock Exc.	1535
Emb. 115%	1535
Blot Exc.	4402
Overhaul	

