FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	292B	1	

Rev. Jan. 29, 1929 R.L.M. H.A.W.

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. 292-B
STATE HIGHWAY NO. 4
EAGLE COUNTY.

INDEX OF SHEETS

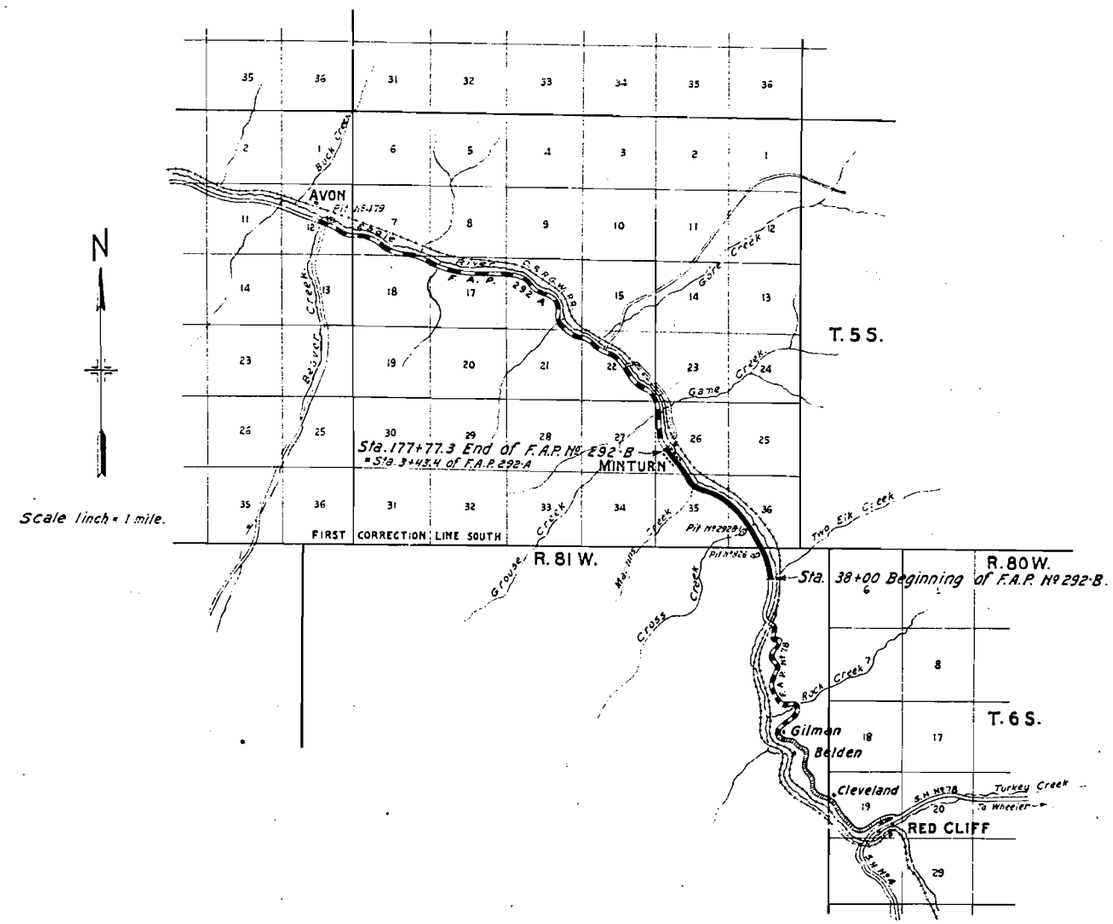
1 Title Sheet and Sketch Map.
2 Typical Cross Section of Improvement and Summary of Quantities.
3 Standard Headwalls for C.M.P. Culverts. M-102-C.
4 Standard Project Marker and Barbed Wire Fence. M-24-C.
5-9 Plan and Profile Sheets.
10-22 Cross Section Sheets.

CONVENTIONAL SIGNS

- Center Line of Improvement.
- Right of Way Line.
- Section Line.
- 1/4 Section Line.
- Fence Line
- Electric Pole 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 13972.4 FEET = 2.646 MILES.
NET LENGTH OF PROJECT 13940.5 FEET = 2.640 MILES.



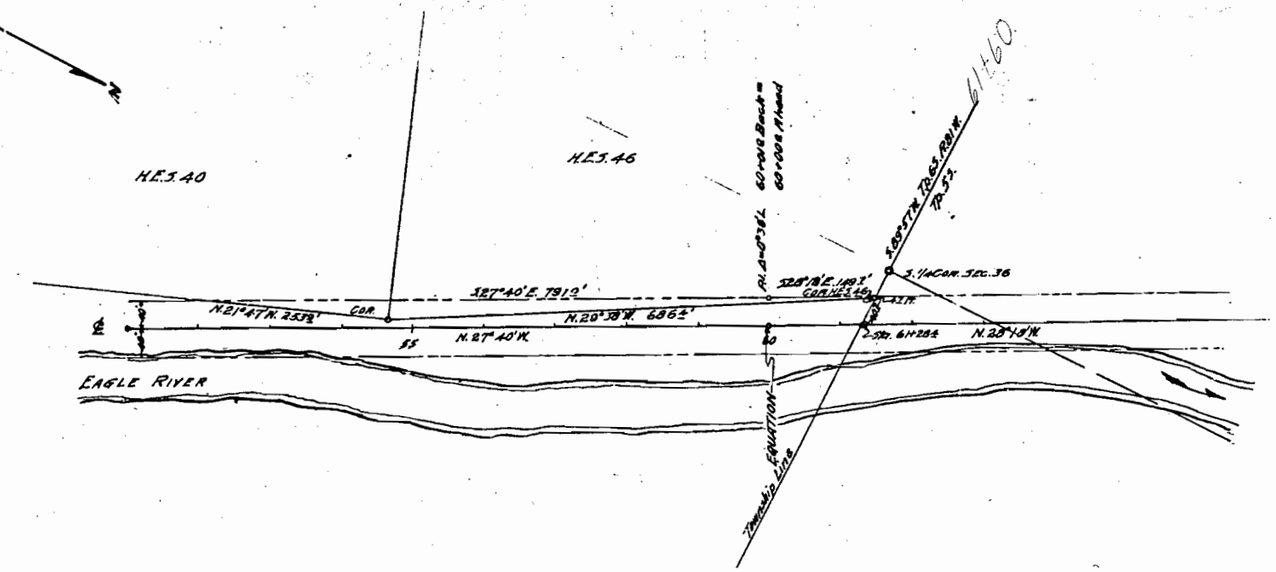
RECOMMENDED FOR APPROVAL
F. E. Maloney 11/28/28
ASSISTANT ENGINEER

APPROVED
F. T. Blaurock
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL
[redacted]
DIST. ENG. BUREAU PUBLIC ROADS

RECOMMENDED FOR APPROVAL
[redacted]
CHIEF ENG. BUREAU PUBLIC ROADS

APPROVED
[redacted]
DIRECTOR BUREAU PUBLIC ROADS



F.A.P.292-B
RIGHT OF WAY
THRU THE PROPERTY OF
THE EMPIRE ZINC CO.
Eagle County. Colorado,
Scale: 100 = 1"

DESCRIPTION.

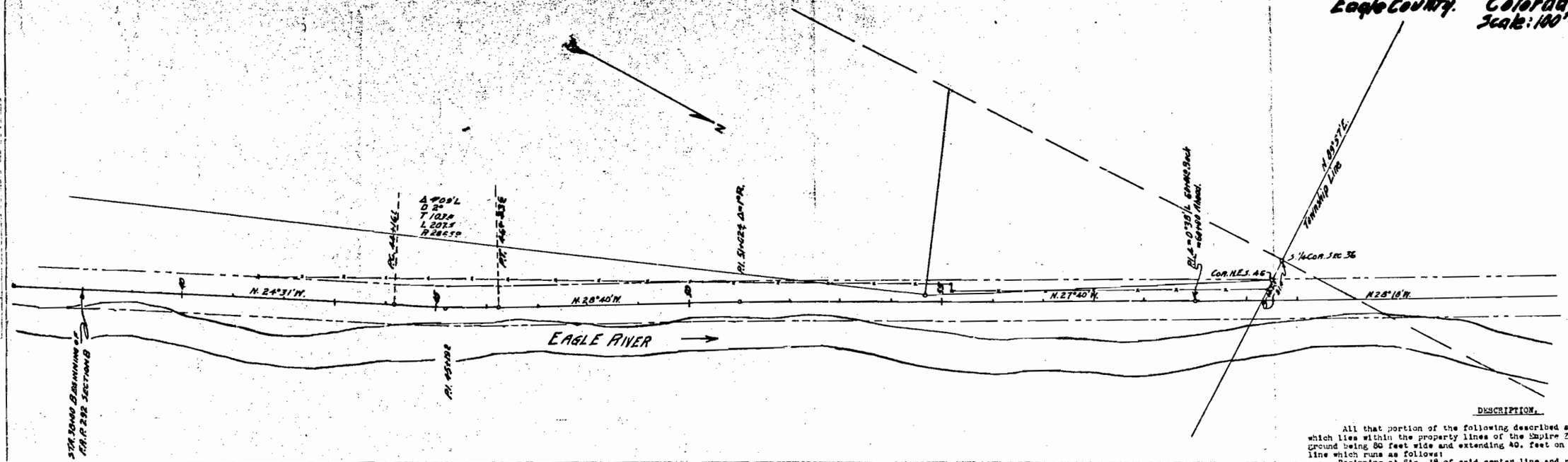
All that tract or parcel of land, property of the Empire Zinc Co., lying and being within the lines of a Right of Way 80. feet wide in Tp. 5 S. R. 81 W. in Eagle County, Colorado, said land being described as follows:-

Beginning at the N. E. Cor. of Homestead Entry Survey # 46, on the line between Tps. 5 and 6 south, R. 81 W., whence the south ¼ Cor. of Sec. 36, Tp. 5 S. R. 81 W. bears S. 89° 57' W. 46.2 ft.,
Sta. 61 + 28.4 of center line of said right of way bears N. 89° 57' E. 40.7 ft.
Thence S. 89° 57' W. 4.7 ft. to west boundary of said right of way,
Thence along said west boundary of right of way 149.5 ft. running S. 28° 18' E.,
Thence S. 27° 40' E. 791.0 ft. to intersect east line of Homestead Entry Survey # 40.,
Thence along said east line N. 21° 47' W. 253.9 ft.,
Thence N. 29° 38' W. 686.4 ft. to the place of beginning containing 0.303 acres.

PLAN

PROFILE

F.A.P.292-B
RIGHT OF WAY
THRU THE PROPERTY OF
THE EMPIRE ZINC CO.
Eagle County. Colorado.
Scale: 100'=1"



DESCRIPTION.

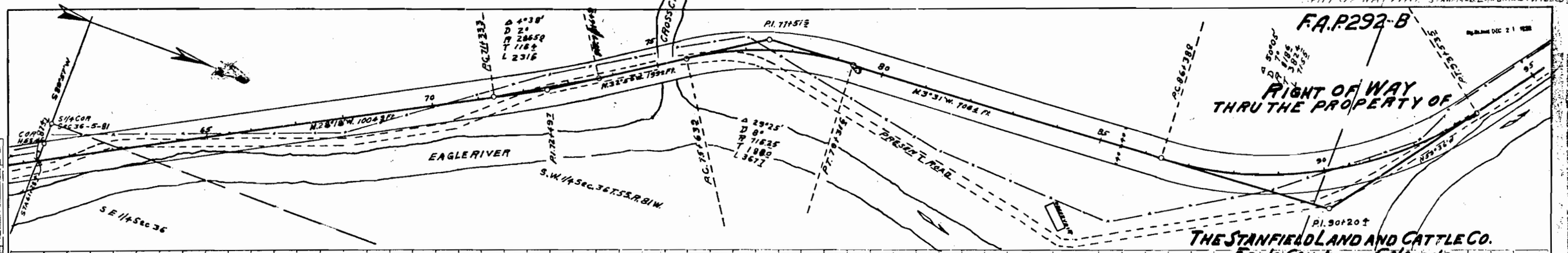
All that portion of the following described strip or parcel of ground which lies within the property lines of the Empire Zinc Co.; said strip of ground being 80 feet wide and extending 40. feet on each side of a center line which runs as follows:

Beginning at Sta. 38 of said center line and running thence N. 24° 31' W. 616.1 feet; thence on a 2° curve left 207.5 feet; thence N. 28° 40' W. 478.8 feet; thence N. 27° 40' W. 898.6 feet; thence N. 28° 18' W. 128.4 feet to intersect line between Townships 5 and 6 south at N. 89° 57' E. 40.7 feet from the N. E. Cor. of H.S.C. # 46 and 87.4 feet from the south ¼ corner of Sec. 36 Tp. 5 S., R. 81 W.

Containing 0.299 acres.

RIGHT OF WAY MAP STANFIELD LAND AND CATTLE CO.

F.A.P. 292-B



All that strip or parcel of ground 60. Ft. wide lying within the boundaries of the S.E. ¼ and the N.W. ¼ of Sec. 36 and the S.W. ¼ of Sec. 35 T.5 S. R.81 W. and extending 40. Ft. on each side of a center line described as follows:

Beginning at Sta. 61 + 28.4 of said center line, the point of intersection with the south boundary of S.E. ¼ of said Sec. 36 whence the S. ¼ Cor. of said Sec. 36 bears S 89° 37' W. 57.4 Ft. and running thence N.28° 16' W. 100.4 Ft.; thence on a 8° curve left 231.6 Ft.; thence N.32° 56' W. 199.0 Ft.; thence on an 8° curve right 367.7 Ft.; thence N.3° 31' W. 706.4 Ft.; thence on a 1° curve left 715.5 Ft.; thence N.32° 36' W. 365.7 Ft.; thence on a 6° curve left 252.2 Ft.; thence N.68° 44' W. 2008.5 Ft.; thence on a 2° curve right 793.1 Ft. to the N.W. boundary of said property, containing 12.210 acres.

RIGHT OF WAY MAP NO. 4

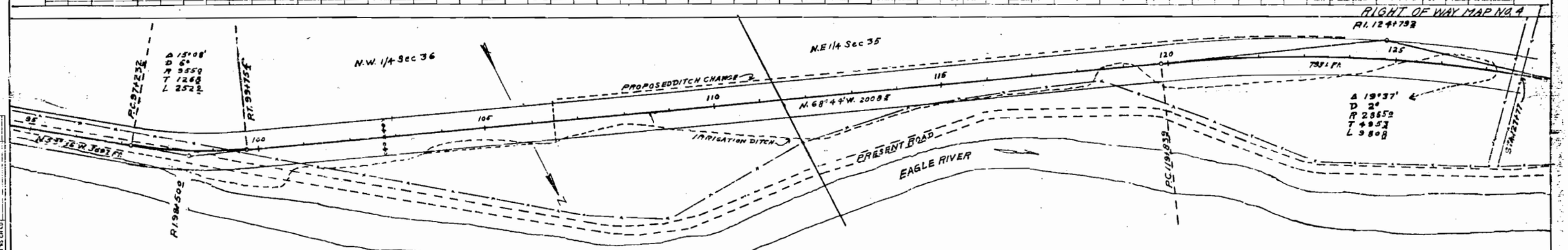


PLATE 2-PLAN-PROFILE A. P. A. STANDARD

NOTE
All Poles encroaching on the Right of Way are to be moved by the Owners.

EAGLE RIVER

STA. 36+00 - BEGINNING OF FAP 292 SECTION B

EQUATION

Clearing and Grubbing -
Sta. 32+50 to 65+00 30' Wide

200' V.C.

-2.6%

-1.2%

FL. 26'

-2.067%

FL. 14'

-1.8%

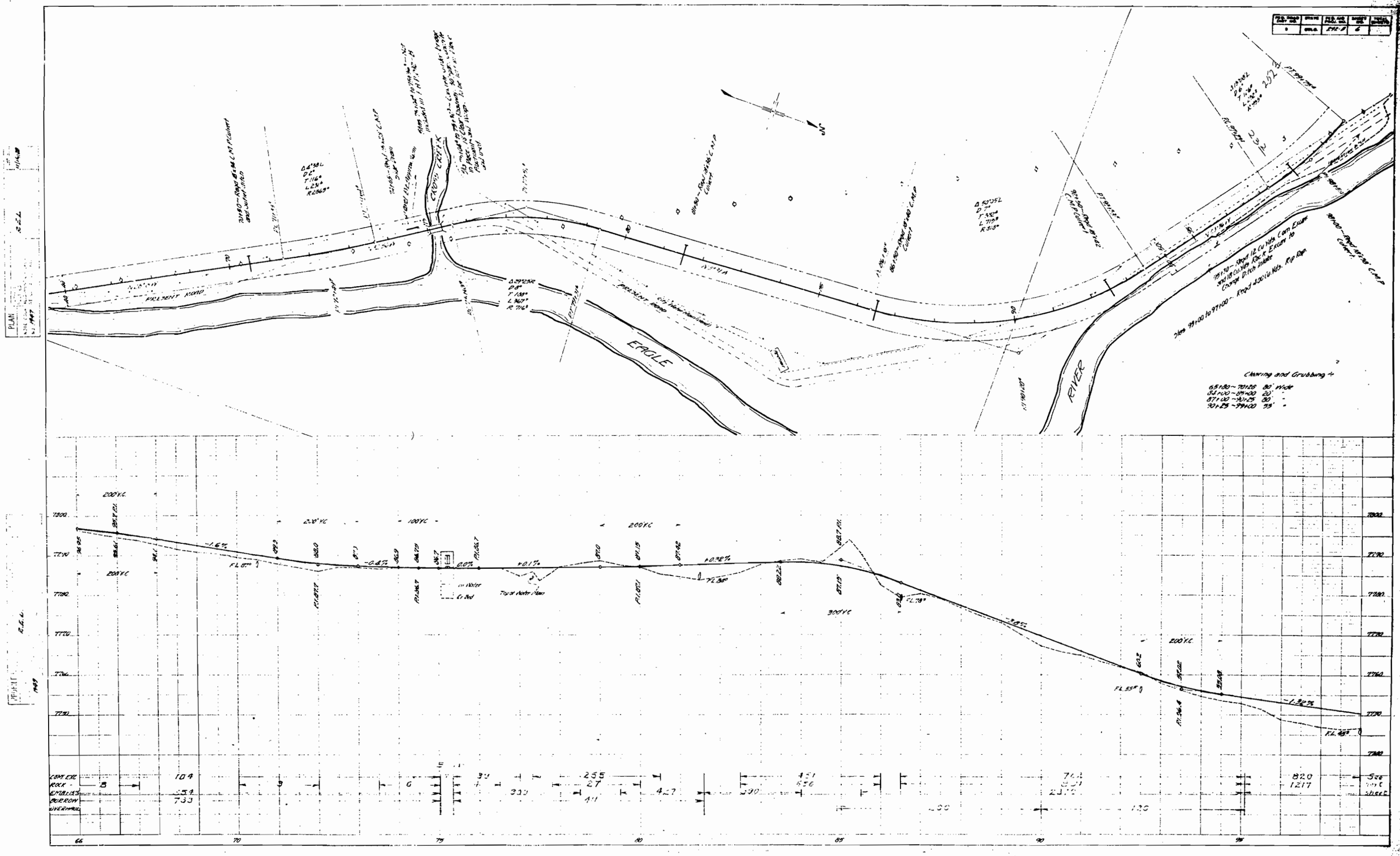
FL. 08'

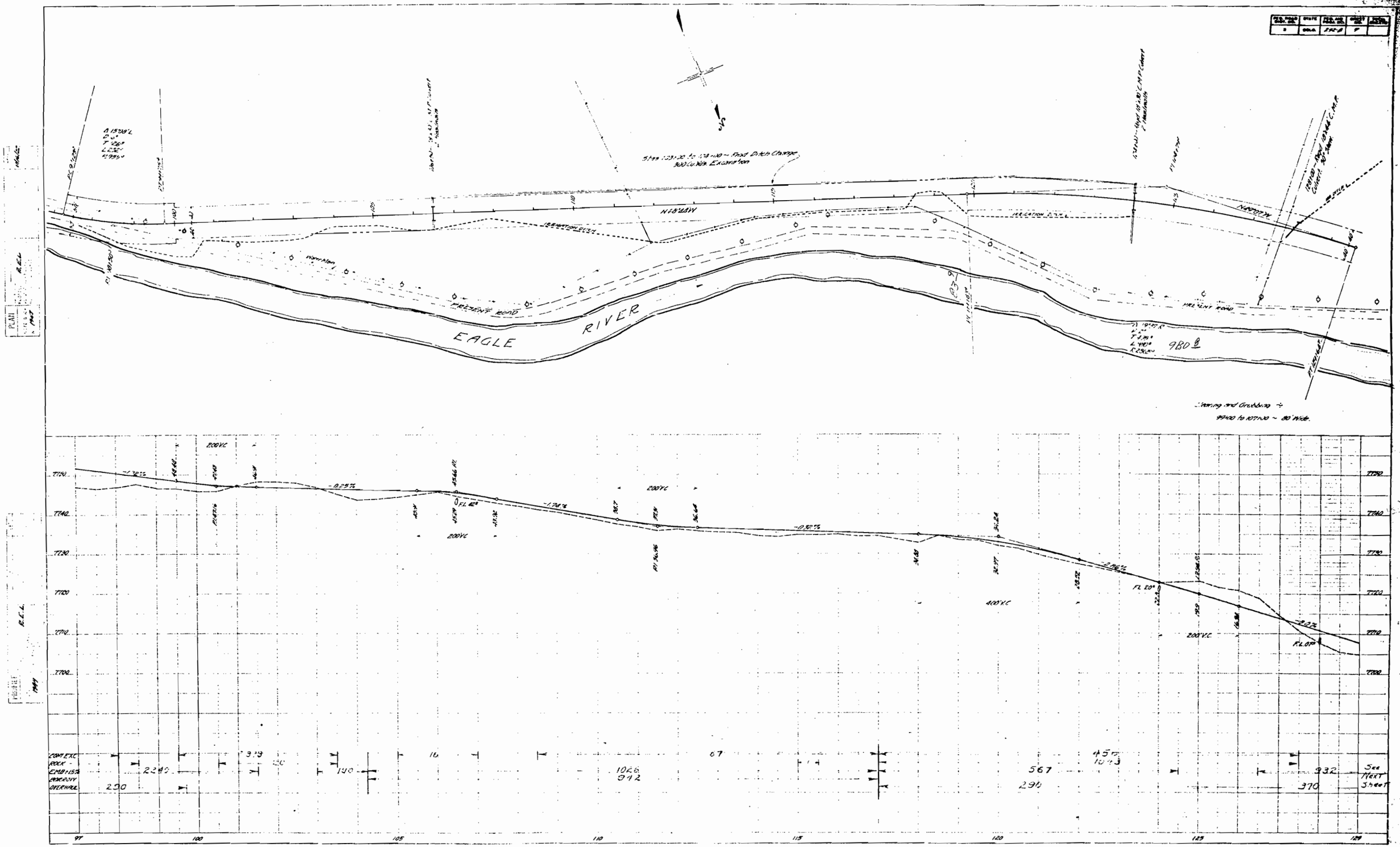
-1.95%

COMP. EXC
ROCK
EMBK 19%
BORROW
OVERHAUL

4547

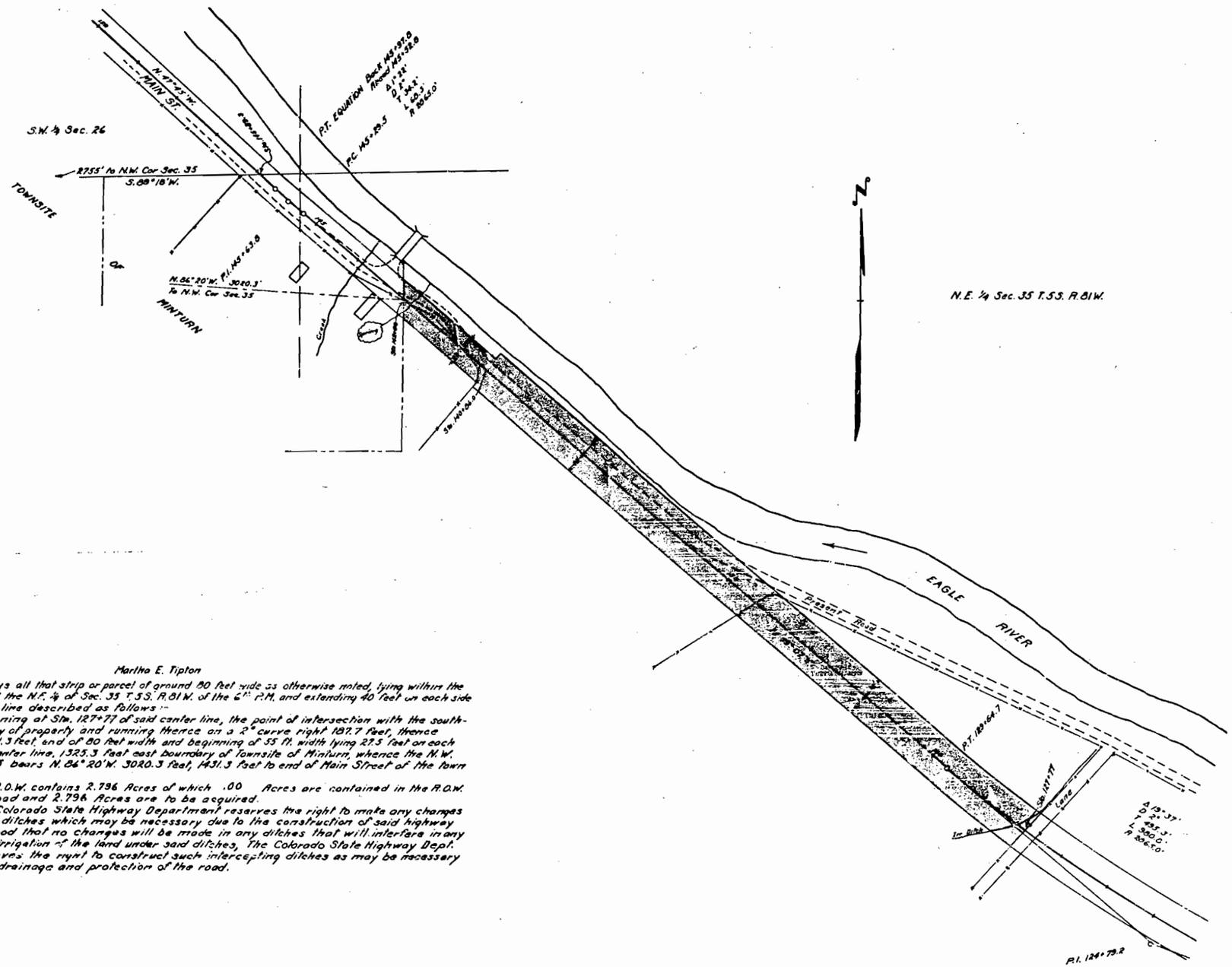
12600


PLAN
PROFILE
PRESENT ROAD
EAGLE
RIVER
CROSS CREEK
Clearing and Grubbing
65+00 ~ 70+25 80' Wide
82+00 ~ 89+00 20' "
87+00 ~ 90+25 80' "
90+25 ~ 99+00 55' "
Sta. 99+00 to 97+00 ~ Proj. 430 (4) Mat. Rip Rap
200' V.C.
100' V.C.
300' V.C.
-1.6%
-0.4%
0.0%
+0.1%
+0.38%
-1.3%
-1.9%
F.L. 81.5
F.L. 79.8
F.L. 75.5
F.L. 65.5
Top of Water Main
in Water
Cr. Bed
COMM. EXC.
ROCK
EMBANKMENT
OVERHAUL
104
54
733
255
27
411
451
856
820
1217
See next sheet


EAGLE RIVER
PRESENT ROAD
NEWAY
Clearing and Grubbing
Fast Ditch Change
300 C.Y. Excavation
200 VC
400 VC
FL 12.8
FL 10.0
FL 8.0
-0.25%
-1.74%
-0.32%
-2.16%
-2.02%
See Next Sheet
PLAN
P.G.L.
R.E.L.

Rev 1-11-29 S.B.L.
N-39°07' W
PRESENT ROAD
City Water Line
N.E. Section 35, T.33., R.8 W
TOWNSITE
OF
MINTURN
EQUATION
COUNTY LINE
N-39°14' W
MAIN ST
N-39°20' W
Δ 22°29' R
D 2°
T 60'
L 120'
R 2865'
120.8
Δ 22°29' R
D 2°
T 34'
L 68'
R 2865'
68.3
200 VC.
-2.57%
-1.8%
+0.072%
-1.75%
-0.47%
F.L. 85.4
F.L. 77.9
F.L. 79.9
F.L. 79.4
F.L. 69.4
7710
7700
7690
7680
7670
7660
CONCRETE
ROCK
EXCAVATION
EMBANKMENT
OVERHAUL
1160
290
247
1536
60
293
1020
7
97
25
1362
1233
57
3
12
See Next Sheet
130
135
140
145
150
155
159

Colorado State Highway Department
Federal Aid Project No. 292-B
Revised Right of Map No. 5



Martha E. Tipton

Conveys all that strip or parcel of ground 80 feet wide as otherwise noted, lying within the boundaries of the N.E. ¼ of Sec. 35 T.5S. R.81W. of the 6th P.M. and extending 40 feet on each side of the center line described as follows :-

Beginning at Sta. 127+77 of said center line, the point of intersection with the southeast boundary of property and running thence on a 2° curve right 187.7 feet, thence N. 49°07' W. 1121.3 feet, end of 80 feet width and beginning of 55 ft. width lying 27.5 feet on each side of said center line, 1325.3 feet east boundary of Townsite of Minturn, whence the N.W. Cor of Sec. 35 bears N. 86°20' W. 3020.3 feet, 1431.3 feet to end of Main Street of the town of Minturn.

Said R.O.W. contains 2.796 Acres of which .00 Acres are contained in the R.O.W. of the Old Road and 2.796 Acres are to be acquired.

The Colorado State Highway Department reserves the right to make any changes in Irrigation ditches which may be necessary due to the construction of said highway. It is understood that no changes will be made in any ditches that will interfere in any way with the irrigation of the land under said ditches, The Colorado State Highway Dept. further reserves the right to construct such intercepting ditches as may be necessary for adequate drainage and protection of the road.

Scale 1" = 100'

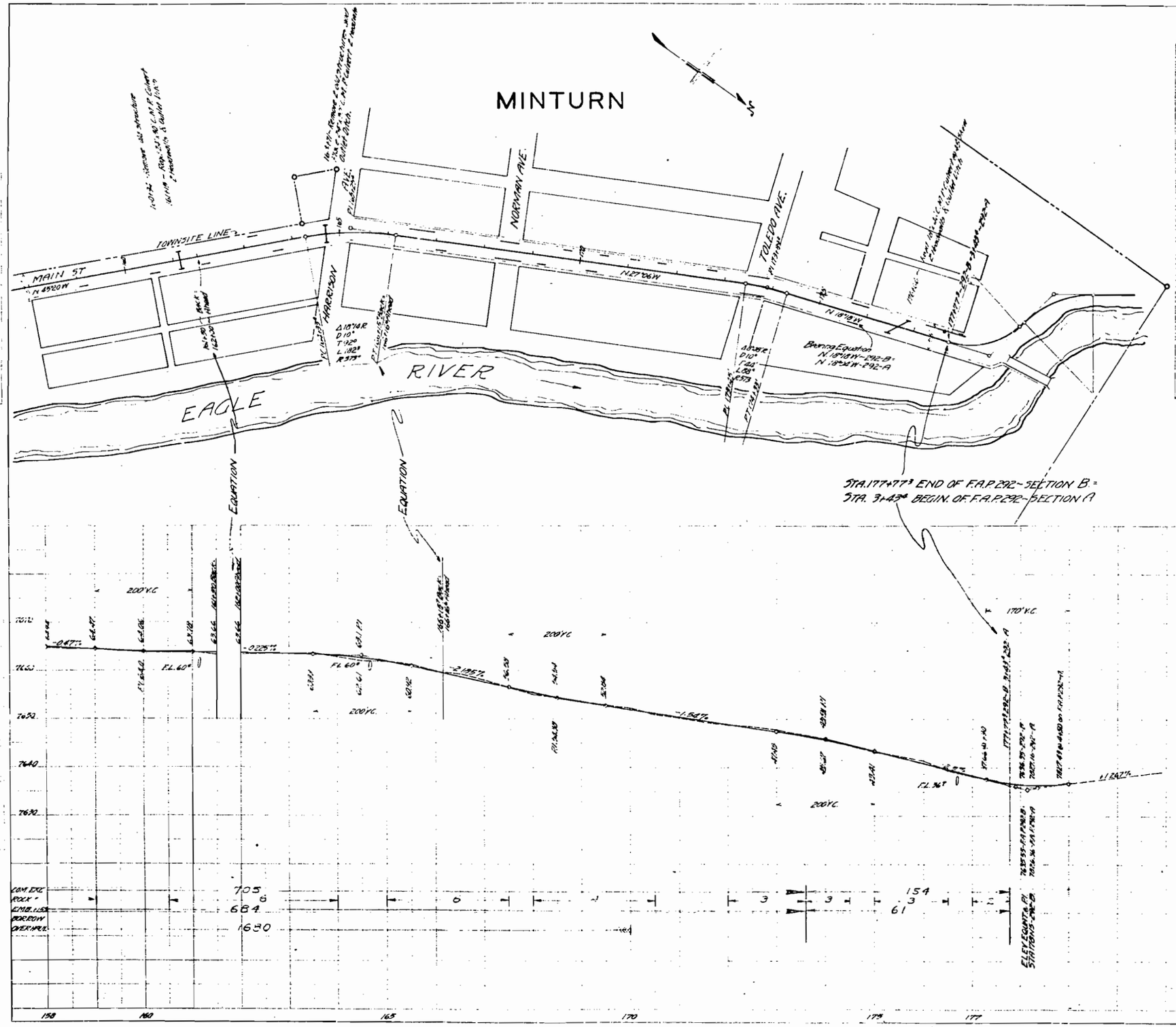
F.A.P. Project No.	State	F.A.P. No.	Sheet No.	Total Sheets
9	Colo.	292-B	7	

Rev. 1-11-69 S.B.L.

MINTURN

TABULATION OF SIDE DRAINS FOR SHEET

Sta	Side	Size	Length	Remarks
[illegible]	R	15"	20'	Wood Box
[illegible]	"	"	20	" "
[illegible]	"	"	20	" "
[illegible]	L	"	30'	" "
[illegible]	R	"	20'	" "
[illegible]	L	"	30	2 " "
167+00	R	"	20'	
168+55	L&R	"	42'&60'	" "
169+70	R	"	20	" "
169+70	L	"	20	
170+25	R	"	20'	C.M.P.
170+45	L	"	20'	Wood Box
171+10	"	"	20'	" "
171+65	"	"	20'	" "
172+70	"	"	20'	" "
173+65	L&R	"	42'&60'	" "
174+99	L	"	20'	" "
176+82	L&R	"	34'&22'	" "
177+28	L	15"	88'	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLO.	ERE A	9	

Rev. 7-28-26 J.B.L.
Rev. 5-4-29 H.G.M.

All Buildings on Right of Way to be Moved by County.
Telephone Poles to be Moved by Owners.

Sta. 4+55 to 5+05 Reqd. Widen Grade on Right to 40' from ℄. Retaining Wall To be Built by County. Use any Excavation Sta. 5 To Sta. 7.
Sta. 6+25 to 7+25 - Material Available for use as Selected Surface Material.

7+50-18+00-Reqd. 1100 ft. of Surface Ditch above Crest of Cliff on Left. To Cut Rock Excavation.

MINTURN

BEN NELSON TRACT

MACKEDON & RATHBURN SUBDIVISION

AVE.

COUNTY ROAD

MAIN ST.

TOLEDO

Δ-59°58'L
D-38°00'
R-150.0
T-87.9
L-157.8
P.C. 3+49.9
P.T. 5+01.8

8+50-Reqd. 18"x26' Corr. Met. Pipe Culvert, 1 Headwall.

9+40-Reqd. 18"x26' Corr. Met. Pipe Culv., 1 Headwall.

11+75-Reqd. 18"x30' Corr. Met. Pipe Culvert.

14+85-Reqd. 18"x32' Corr. Met. Pipe Culvert.

16+25-18+75-Reqd. Rock Drain on Left. Detail on Sheet No. 248 (Lin. Ft.)

N.W. ¼, SECTION 26, T. 5 S. R. 81 W.

28+45-Reqd. 10'x4'x40' Type 10-I Concrete Box Culverts, 45° Skew.

N 94°07' W.
N 21°59' W 10
N 28°00' W
N 94°57' W
N 27°59' W
N 2°20' W.
N 18°04' W.
N 7°00' W.
N 39°01' W.

6+50-Reqd. 18"x34' Corr. Metal Pipe Culvert.

3+85-Reqd. 18"x90' Corr. Met. Side Drain to Replace 1.5'x1' x 180' Wood Box Culvert.

7+85-Reqd. 15"x24' Corr. Metal Pipe Culvert.
18+00-Reqd. 18"x40' Corr. Metal Pipe Culvert to Replace 10'x12' CMP Culvert at 17+85.

18+75-Reqd. 15"x34' Corr. Met. Pipe Culv.

22+50-Reqd. 15"x30' Corr. Met. Pipe Culvert.

26+25-Reqd. 18"x36' Corr. Met. Pipe Culvert.

30+00-Reqd. 18"x30' Corr. Met. Pipe Culvert.

7+00 to 11+00-Reqd. Cement Rubble Masonry Wall, 433.1 Cu. Yds. Place 4" Weep Holes at 2.5' Intervals. Field Survey shows Rock from Cliffs along side to be Unusable. Good Rock obtainable from Game Creek ½ Mile Downstream. Material from Cut must not be wasted to obstruct River Channel under wall.
11+15 to 14+50. Reqd. 465 Sq. Yd. Plain Rock Slope Paving 18" Thick.

EAGLE RIVER

GAME CREEK

D. & R.G. R.R.

PRESENT ROAD TO WOLCOTT

S.W. ¼, SECTION 26.

TOWNSHIP OF WALCOTT
D. & R.G.W.R.R.

CLEARING & GRUBBING REQD.
7+00-15+00-25' Wide, 0.3 Acres.
28+50-29+60-60' " , 0.1 "

FENCE WORK REQUIRED
17+00-32+00, Remove 1590 ft.
17+00-37+75, 2000 ft. at Parcel (L)
19+85-30+00, 1020 - " - " (R)

PLAN
NOTE BOOK NO. 2276
SURVEYED
PLOTTED
CLASS. CHECKED
B. M. & NOTES
ART. PR. WAY CHECKED

PROFILE
SURVEYED
PLOTTED
CLASS. CHECKED
B. M. & NOTES
STRUCTURE NOTATIONS CH. NO.
NOTE BOOK NO.

Sta. 3+48.4 Beginning of F.B.P. 202, Section A

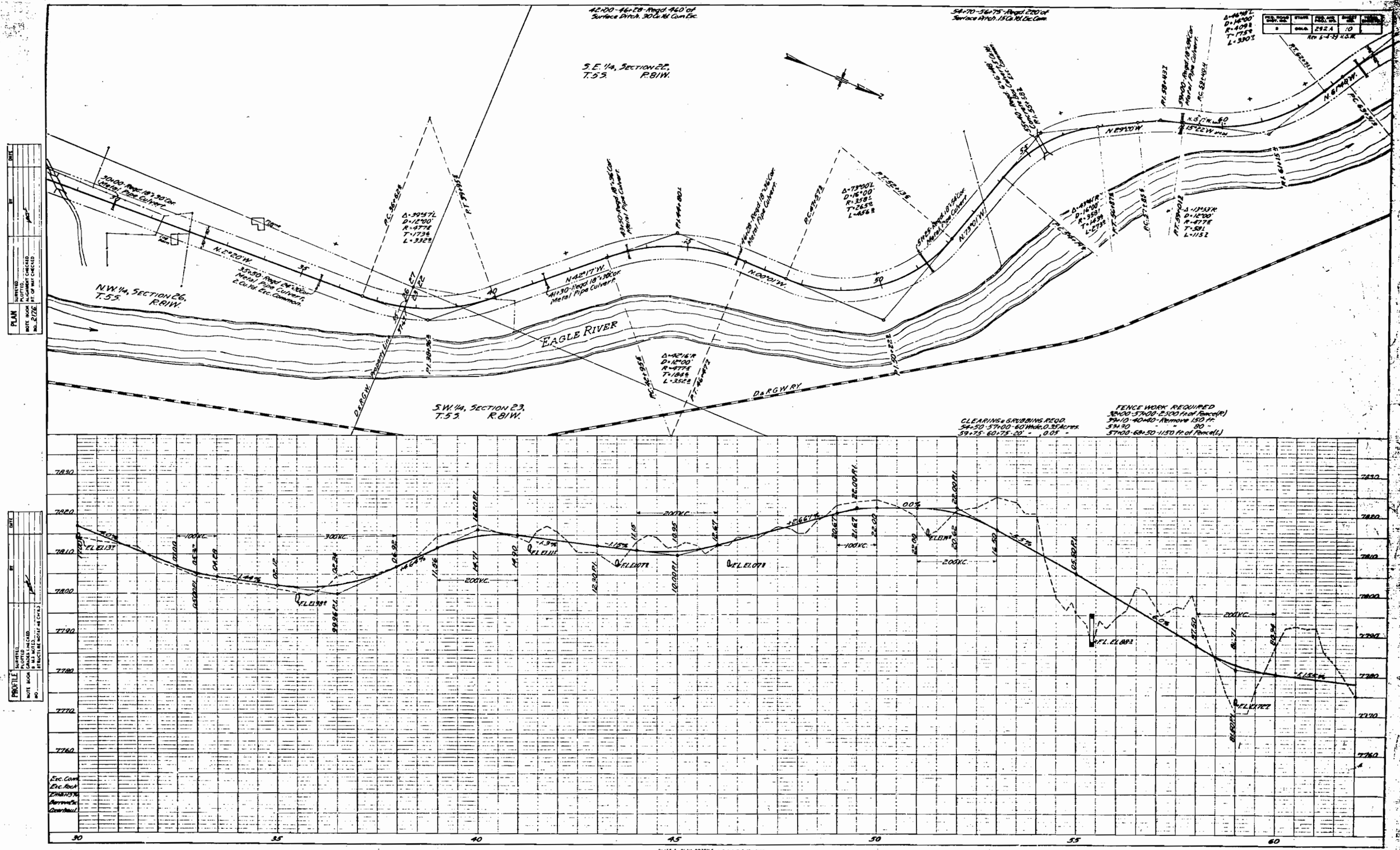
Top of Slope Paving

Ex. Cam.
Ex. Rock
Z14.8 Z13.8%
Permeable
Impermeable

7840
7830
7820
7810

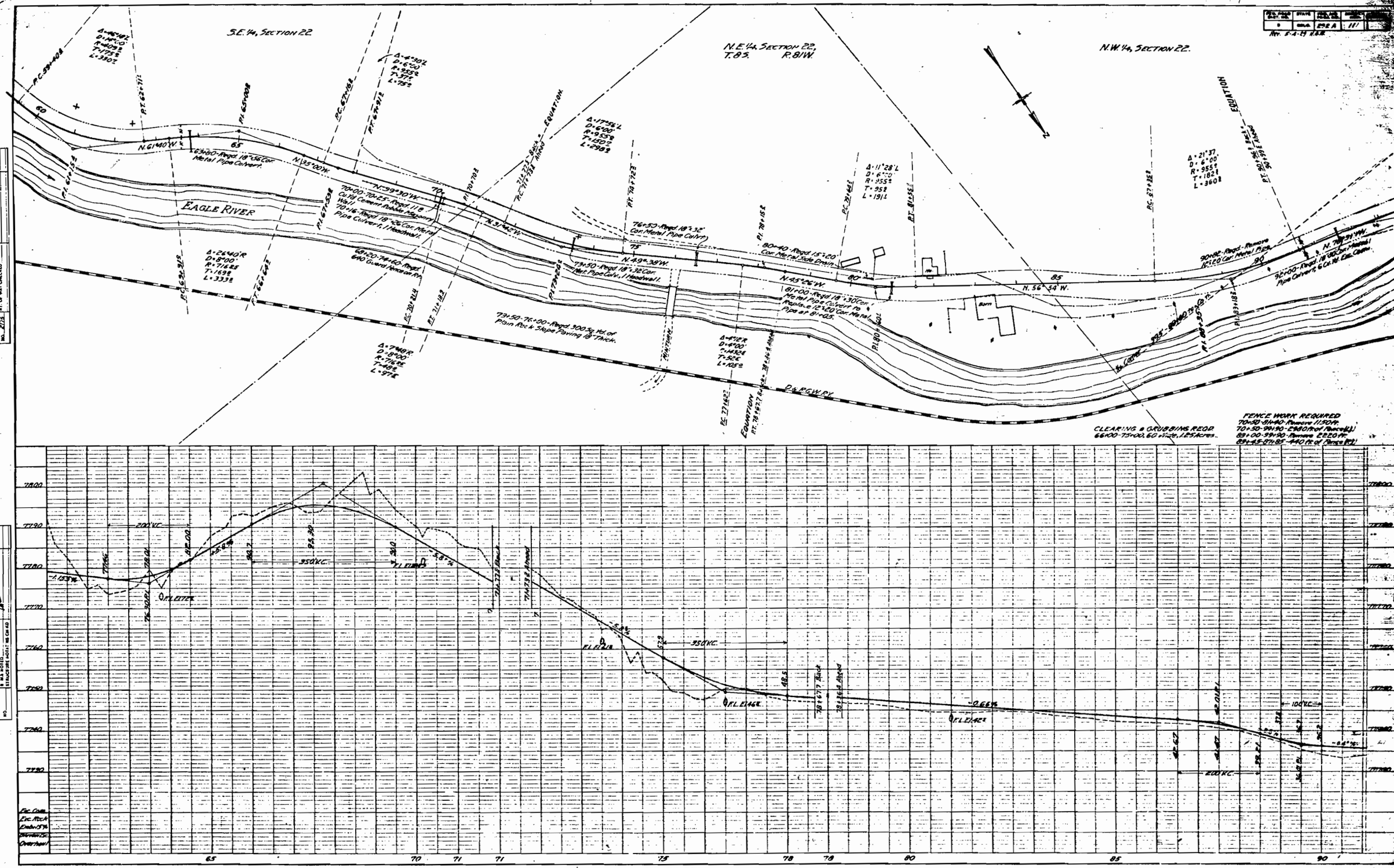
3
5
10
15
20
25
30

KEUFFEL & ESSER CO., NEW YORK.


42+00-46+28-Regd. 460' of Surface Ditch. 30 Cu.Yd. Com. Ex.
54+70-56+75-Regd. 220' of Surface Ditch. 15 Cu.Yd. Ex. Com.
S.E. 1/4, SECTION 26, T.55. R.81W.
N.W. 1/4, SECTION 26, T.55. R.81W.
S.W. 1/4, SECTION 23, T.55. R.81W.
EAGLE RIVER
D.&R.G.W. PROPERTY LINE
D.&R.G.W. RY.
N.2°20'W.
N.42°17'W.
N.00°01'W.
N.73°01'W.
N.8°40'W.
N.8°20'W.
30+00-Regd. 18"x30' Cor. Metal Pipe Culvert.
35+50-Regd. 24"x30' Cor. Metal Pipe Culvert. 2 Cu.Yd. Ex. Common.
41+30-Regd. 18"x36' Cor. Metal Pipe Culvert.
46+28-Regd. 18"x36' Cor. Metal Pipe Culvert.
51+65-Regd. 18"x54' Cor. Metal Pipe Culvert.
54+70-Regd. 18"x36' Cor. Metal Pipe Culvert.
57+00-Regd. 18"x30' Cor. Metal Pipe Culvert.
59+00-Regd. 18"x30' Cor. Metal Pipe Culvert.
CLEARING & GRUBBING REQ'D.
54+50-57+00-60' Wide, 0.35 Acres.
59+75-60+75-20' - , 0.05 -
FENCE WORK REQUIRED
30+00-37+00-2300 ft. of Fence(R)
39+10-40+40-Remove 130 ft.
53+90 - " 90 -
57+00-68+50-1150 ft. of Fence(L)
Exc. Com.
Exc. Rock
Embankment
Borrow Ex.
Overhaul
PLAN
PROFILE
NOTE BOOK
NO. 272E
SURVEYED
PLOTTED
GRADES FINALIZED
STRUCTURE NOTES (IF ANY)
DATE
BY
PLATE 1-PLAN-PROFILE O.P.R.R.W.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO. TOTAL SHEETS
9	MAINE	PRA 111	

Rev. 8-4-59 R.S.B.



PLAN

SURVEYED	
PLOTTED	
NOTE BOOK	GRADES CALCULATED
	A.A. STATE HIGHWAY ENGINEER
NO.	STRUCTURE NOTES BY MS CM KD

PROFILE

SURVEYED	
PLOTTED	
NOTE BOOK	GRADES CALCULATED
	A.A. STATE HIGHWAY ENGINEER
NO.	STRUCTURE NOTES BY MS CM KD

PLATE I—PLAN-PROFILE O.P.R.R.&R.E. STANDARD

HEFFERNAN PRESS CO., NEW YORK

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLO.	ER2A	12	

Rev. 7-28-28 S.B.L.
Rev. 3-26-29 R.H.
Rev. 5-3-29 H.B.W.

Δ=21°37'L
D=6°00'
R=955'
T=182.2'
L=360.2'

EQUATION
PT. 90+56.7 B.
90+93.2 A.

96+50 Regd 18"x40' Cor. Metal Pipe Culvert

CLEARING & GRUBBING REQD.
96+20-111+50-15 Wide, 0.5 Acres.
111+50-140+00-40' = .265 "

Dowd Jct.

N 18°31' W

90+82-Regd Remove 12"x20' Cor. Net Pipe

92+00-Regd 18"x30' Cor Metal Pipe Culvert, & Cut Common Exc.

EAGLE RIVER

98+75-Regd 200 Cu. Yds Embankment Road Approach

100+00-Regd 24"x26' C.M.P. Cross Drain

N 12°42' W

Δ=29°37'L
D=12°00'
R=477'
T=124.9'
L=243.3'

P.C. 101+44.2
P.T. 104+02.2

103+61.8 Back-1 104+50 Ahead EQUATION

P.C. 101+69.0

Δ=29°37'L
D=12°00'
R=477'
T=124.9'
L=243.3'

P.C. 100+43.5

Δ=29°37'L
D=18°00'
R=318'
T=84.8'
L=164.2'

P.T. 110+08.8

110+11 Regd Remove 8"x18' Cor. Net Pipe

P.I. 110+65.2

111+78.5 Back - EQUATION
P.C. 111+78.5 Ahead

Δ=34°45'L
D=12°00'
R=477'
T=147.8'
L=289.6'

P.C. 112+53.8

118+20-Regd 24"x40' Cor Metal Pipe Culvert To Replace 12"x18' Cor Met. Pipe at 118+00

N.W. 1/4, SECTION 22, T.55. R.81W.

N.E. 1/4, SECTION 21, T.55. R.81W.

Δ=7°29'38"R
D=20°00'
R=286.5'
T=21.04'
L=36.78'

P.T. 120+01.8

P.I. 119+21

N 46°42' W

S.E. 1/4, SECTION 16, T.55. R.81W.

D. & R.G.W. RY

Δ=33°49'R
D=12°00'
R=477'
T=154.9'
L=282.1'

P.C. 96+61.5
P.T. 99+44.2

100+00-Regd 330' Guard Fence on Rt.

Cont. Cor.

104+10-Regd 18"x20' Cor. Metal Pipe Culvert to Replace 8"x20' Cor. Metal Pipe

103+01-11+57-Regd 690' Guard Fence on Right

P.C. 107+00.8

P.I. 108+35.3

P.I. 109+77.5

Δ=12°26'R
D=12°00'
R=286.5'
T=62.6'
L=139.5'

109+30-Regd 60"x32' Cor. Metal Pipe Culvert, Remove Present Culvert

P.C. 109+67.8

P.T. 110+03

Δ=9°53'R
D=10°00'
R=573.9'
T=49.5'
L=98.8'

N 64°35' W

7780
Exc. Com.
Exc. Rock
Emb. +15%
Borrow Exc.
7770
Overhaul

7760

7750

7740

7730

EQUATION
30+96.2 Back
30+91.5 Ahead

36.2
35.7
33.8
37.60

-0.4%

300' V.C.

-4.115%

36.50 P.I.
36.09
37.80
54.14

100' V.C.

O F.L. El. 302

O F.L. El. 294

105+67 Back

106+59.4 Ahead

+3.2%

69.08
71.25
71.35
69.93

200' V.C.

O F.L. El. 282

-0.933%

111+78.5 Back

111+78.8 Ahead

69.67
66.00 P.I.
67.73

200' V.C.

-6.0%

33.00
30.25
28.00
30.00 P.I.

100' V.C.

O F.L. El. 184

-10%

7750
7740
7730
7720
Exc. Com.
Exc. Rock
Emb. +15%
Borrow Exc.
Overhaul

90
95
100
105
110
111
111
115
120

R.L. El. 320

S.E. 1/4, SECTION 16, T.55. R.81W.

P.I. 130+95.2

131+40 Regd 6'x3'x36' Concrete Box Culvert, Also Remove Bridge on Present Road

124+50-Regd 18"x30' Cor. Metal Pipe Culvert to Replace 10"x18' Cor. Metal Pipe

N 50°44' W

Δ=4°00'L
D=4°00'
R=1432.6'
T=50.4'
L=100.8'

EAGLE RIVER

Δ=66°57'R
D=11°00'
R=520.9'
T=344.4'
L=608.4'

P.T. 133+59.2

P.C. 134+67.8

P.I. 137+25.8

P.T. 140+25.9

Revised Curve
Δ=23°25'
D=12°25'
R=461.2'
T=95.3'
L=188.4'

P.C. 137+04.1

Data for Grade & Line changes is in Note Books Nos. 2176 & 2179

Δ=45°41'L
D=7°30'
R=764.6'
T=324.4'
L=609.2'

P.T. 143+32

137+50 Regd 24"x26' C.M.P. Cross Drain

139+50 Regd 18"x30' C.M.P. Cross Drain

140+00 Regd 15"x30' Corr. Metal Pipe to replace 15"x20' C.M.P. at 139+70

P.C. 142+87

Revised Curve
Δ=16°16'
D=6°00'
R=955.0'
T=136.5'
L=271.1'

P.T. 140+23.4 A
P.C. 140+23.4 B

P.C. 144+77.2

Δ=28°22'L
D=9°00'
R=637.2'
T=158.8'
L=315.2'

Δ=20°45'L
D=9°00'
R=637.2'
T=116.8'
L=231.0'

N 57°50' W

130+65-Regd 30"x34' Cor. Met. Pipe Culv. 40 Lin. Rock, 5 Cu. Yds. to Com. Over Change

N 17°55' W

Present Road

Farm Rd.

Line Change as constructed

E ⊥ V.P. E.W.

N. 29°28' W

R.R. Line Change

140+50-Regd 18"x30' Cor Metal Pipe, Replace 15"x20' Cor. Metal Pipe at 144+35, 15 Cu. Yd. Exc. Comm'n

D. & R.G.W. RY

CLEARING & GRUBBING
140+00-144+00-40' Wide, 0.4 Acres.
145+00-153+65, 60' = 1.2 "

FENCE WORK REQUIRED:
139+00-165+00-2610 ft. of Fence (R)
139+65-144+85-Remove 540 ft.
145+00-164+80-2010 ft. of Fence (L)

Exc. Com.
Exc. Rock
Emb. +15%
Borrow Exc.
Overhaul

7720
7710
7700
Exc. Com.
Exc. Rock
7690
Emb. +15%
Borrow Exc.
Overhaul
7680

-0%

200' V.C.

10.67
10.66
10.00 P.I.

O F.L. El. 252

-1.34%

F.L. El. 231

200' V.C.

93.34
94.35
94.45
94.60 P.I.

Revised Grade Line
Revised Ground Line

-0.37%

200' V.C.

89.90
90.56 P.I.
90.18
89.71

+1.47%

O F.L. El. 189

92.00 P.I.
91.43
91.79
91.25

100' V.C.

-0.59%

-0.147%

O F.L. El. 187

-2.65%

90.20
90.30 P.I.
90.00
87.17

200' V.C.

-2.333%

8.67
F.L. El.
P.
82.04

82.50 P.I.

-0.2%

78.50

76.70

100' V.C.

120
125
130
135
140
145
150

PLAN
NOTE BOOK 2176 2179
NO. 2180

PROFILE
NOTE BOOK

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	292 A	13	

Rev 7-27-26 Rev 5-4-29 R.A.W.

CLEARING & GRUBBING
154+00-155+00, 25' Wide, 0.1 Acres
155+00-157+00, 22' " 0.1 "
163+00-164+00, 15' " 0.15 "
168+00-169+00, 20' " 0.2 "

S.E. 1/4, SECTION 16

EAGLE RIVER

N.E. 1/4, SECTION 16

N.W. 1/4, SECTION 16, T.5S. R.81W.

N.E. 1/4, SECTION 17, T.5S. R.81W.

150+65 Reqd 30"x36' Cor Metal Pipe Culv, 5 Cu Yd Common, 40 Cu Yd Rock (Cover for Channel Change)

152+00 Reqd 18"x30' Cor Metal Pipe Culv, 30 Cu Yd Excav Com

157+14 Reqd 30"x36' Cor Metal Pipe Culvert

165+00 Engr Remove 200' of Wooden Flume
166+00 Reqd 250'x32" Alum Metal Flume Extension (Sheet #2)

171+50 Reqd 18"x30' Cor Metal Pipe Culvert, Extend Full Extension Needed

177+65 Reqd 15"x20' Cor Metal Side Drain, 5 Cu Yd Embank

180+00 Reqd 18"x30' Cor Metal Pipe Culvert, 30 Cu Yd Rock, 20 Cu Yd Common Exc

FENCE WORK REQUIRED
153+60 Remove 90 ft
162+10 " 60 "
163+00 " 70 "
177+80-196+25 " 2520 ft
177+80-208+00 46+20 ft Fence(L)

Exc Com
Exc Rock
Emb 15%
Borrow Exc
Overhaul

1186+00 Reqd 18"x30' Cor Metal Pipe Culvert, 5 Cu Yd Rock, 5 Cu Yd Com Excav.

189+50 Reqd 15"x20' Cor Metal Side Drain

196+70 Reqd 15"x30' Cor Metal Side Drain
197+20 Reqd 15"x30' Cor Metal Pipe Culv to Replace 12"x20' Cor Met Pipe, 6 Cu Yd Exc Com.

199+35 Reqd Remove 18"x18' Cor Met Pipe
199+50 Reqd 18"x30' Cor Met Pipe Culv, 7 Cu Yd Common Excavation

201+30 Reqd 15"x20' C.M.P. Side Drain

201+60 Reqd Remove 10"x20' Cor Met Culv

204+00 Reqd Remove 15"x20' Cor Met Pipe

205+05 Reqd 18"x30' Cor Metal Pipe Culv, 15 Cu Yd Com, 2 Cu Yd Rock Exc

206+50 Reqd 15"x20' Cor Met Side Drain, 7 Cu Yd Embank

206+20-216+50 Reqd: Move Main Irrigat'n Ditch to Rt of Right of Way, Move Lateral Box at 208+10 to 209+10, Move Lateral to Right Ditch Section 2 Base, 36" Top, 16" Depth, 1.5" Trap Section 1 Main C Top, 1 Depth, 1:0 Cu Yd Excavation Common

FENCE WORK REQUIRED
192+00-210+90, 1890 ft of Fence (R)
192+00-268+10, Remove 920 ft
210+70-215+50, 270 ft of Fence (R)

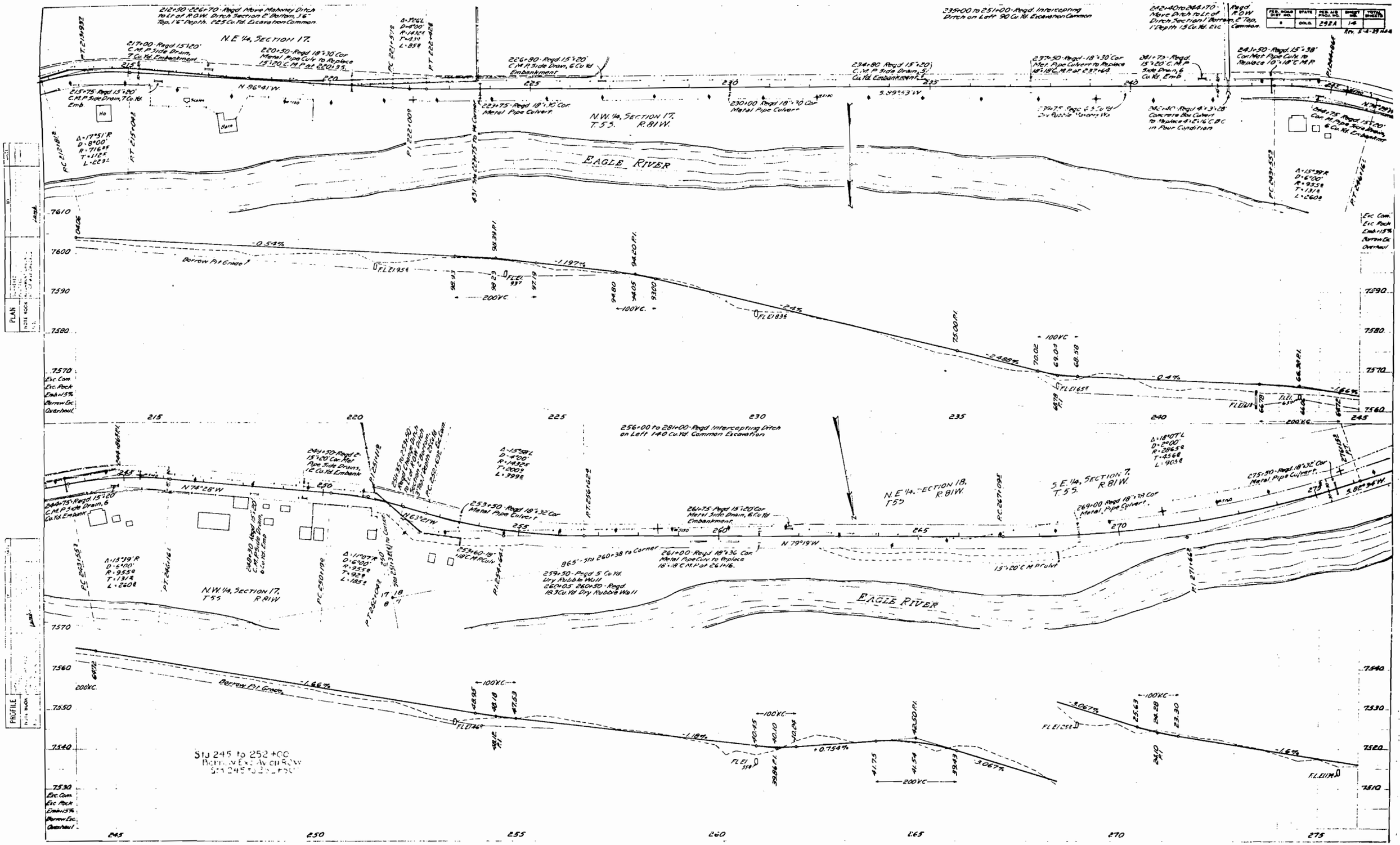
Borrow Pit Fence

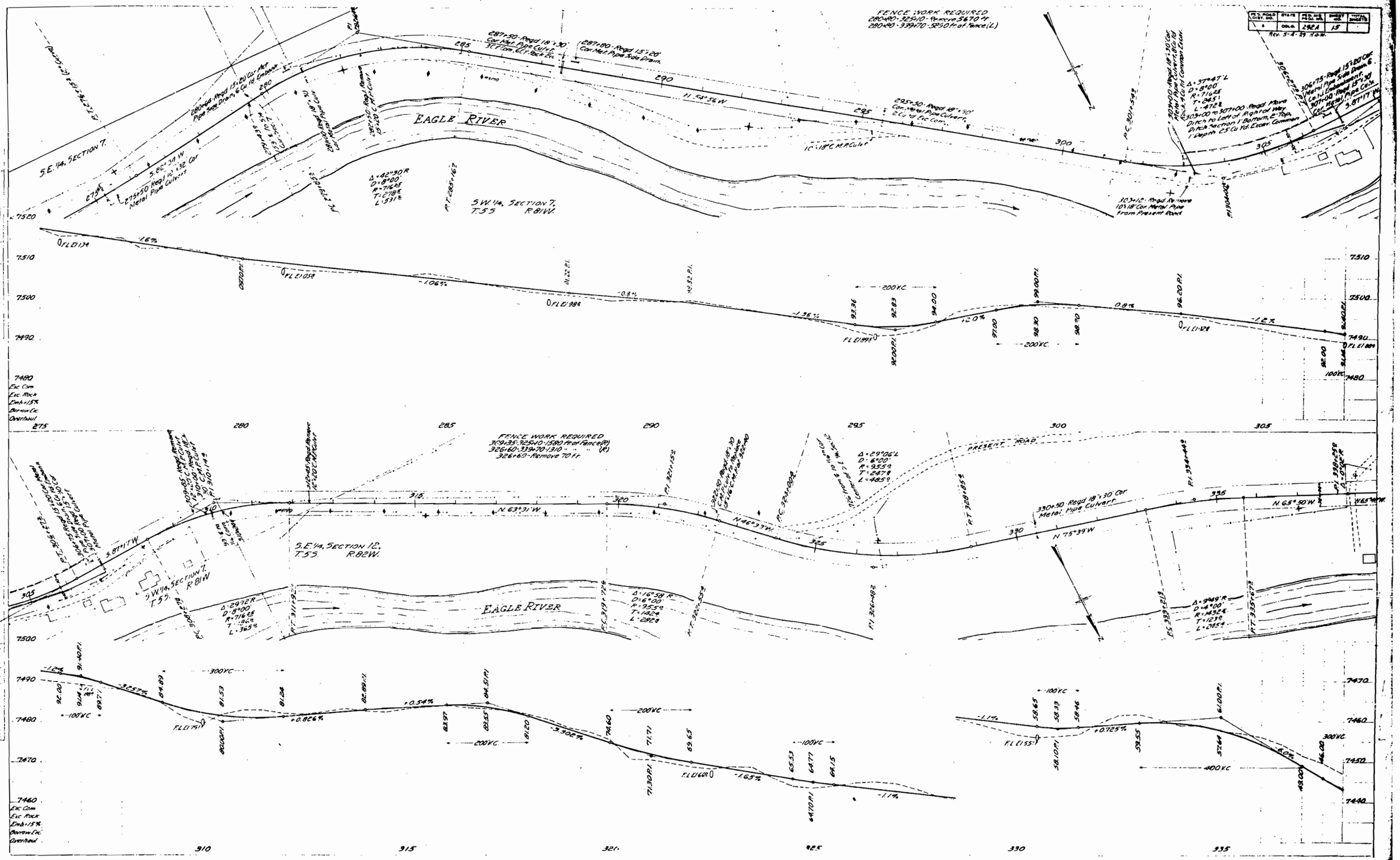
Elev Inlet 08.15
Outlet 009

PROFILE
Vert. Scale

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	292A	14	

Rev. 2-4-59 RBA




FENCE WORK REQUIRED
280+90-325+10-Remove 567.0 ft
280+90-339+70-529.0 ft of Fence (L)
287+50-Regd 18"x30' Car Met. Pipe Culvert 30' Com. 6.1' Rock Exc.
287+80-Regd 15"x20' Car Met. Pipe Side Drain.
280+44-Regd 15"x20' Car Met. Pipe Side Drain, 6 Cu Yd. Embank.
275+50-Regd 18"x32' Car Metal Pipe Culvert
EAGLE RIVER
S.E. 1/4, SECTION 7.
S.W. 1/4, SECTION 7. T.55 R.81W.
N 53° 56' W
10"x18' C.M.P. Culv.
295+50-Regd 18"x30' Car. Metal Pipe Culvert, 2 Cu Yd. Exc. Com.
Δ=42°30' R
D=8°00'
R=716.2 ft
T=278.2 ft
L=531.2 ft
Δ=37°47' L
D=8°00'
R=716.2 ft
T=245.1
L=472.2
303+00 to 307+00-Regd Move Ditch to Left of Right of Way
Ditch Section 1' Bottom, 2' Top, 1' Depth 25 Cu Yd. Excav. Common
306+75-Regd 15"x20' Car Metal Pipe Side Drain, 6 Cu Yd. Embankment.
307+00-Regd 15"x30' Car Metal Pipe Culv.
303+12-Regd. Remove 10"x18' Car Metal Pipe from Present Road
PC 301+54.2
PT 307+00
S 87° 17' W
Rev. 5-8-59 H.G.W.
FENCE WORK REQUIRED
309+35-325+10-1580 ft of Fence (R)
326+60-339+70-1310 " " " (R)
326+60-Remove 70 ft.
S.E. 1/4, SECTION 12. T.55. R.82W.
S.W. 1/4, SECTION 7. R.81W.
N 63° 31' W
N 46° 39' W
N 75° 39' W
N 65° 50' W
PRESENT ROAD
Δ=29°06' L
D=6°00'
R=955.9
T=247.8
L=485.9
330+50-Regd 18"x30' Car Metal Pipe Culvert
Δ=29°12' R
D=8°00'
R=716.2
T=186.6
L=365.9
Δ=16°58' R
D=6°00'
R=955.9
T=142.4
L=282.9
Δ=9°49' R
D=4°00'
R=1432.4
T=123.9
L=245.9
Exc. Com.
Exc. Rock
Emb. 15%
Borrow Exc.
Overhaul
PROFILE
PLAN

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	Z92A	16	

Rev 5-4-29 H.J.W.