| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| 3 | COLO. | 240-J | 1 | |

Revised 9-22-36-S.B.L.-(Proj Align. on Sketch Map)

# COLORADO
# STATE HIGHWAY DEPARTMENT

## PLAN AND PROFILE OF PROPOSED
## FEDERAL AID PROJECT NO. 240-J
## STATE HIGHWAY NO. 4
## GARFIELD COUNTY

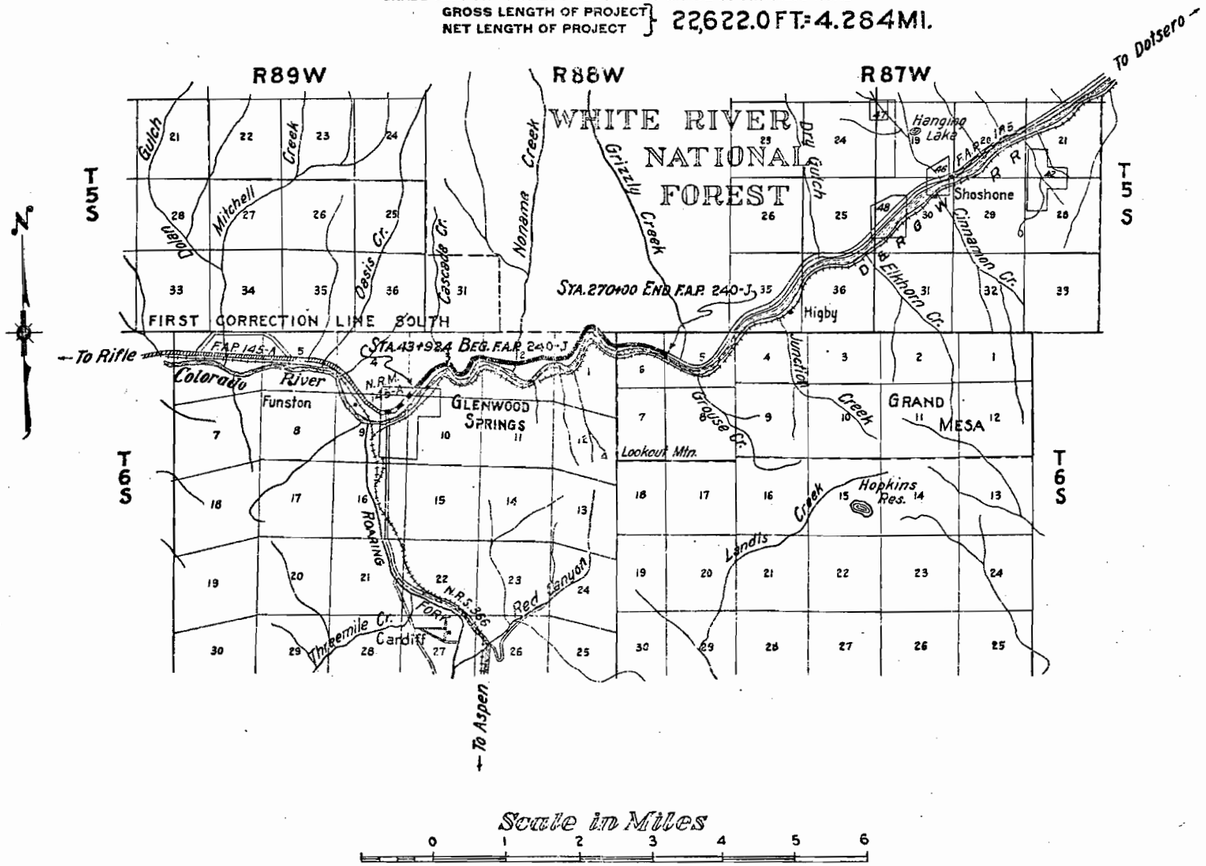
### INDEX OF SHEETS


SHEET NO. 1 - TITLE SHEET
2 - TYPICAL SECTION AND SUMMARY
3 - LIST OF STRUCTURES
4-8 - DETAILS FOR BRIDGE STA. 121+
9 - ST'D CONCRETE BOX CULVERTS M103D
10 - " REINFORCED CONC. CULV. PIPE M112C
11 - " HEADWALLS FOR C.M.P. CULV. M102E
12 - " SIPHON CORR. GALV. IRON M123A
13 - " WIRE CABLE GUARD FENCE M20A
14 - " WIRE FENCES & MARKER (U.W.P.) M24FX
15 - " STRUC'T NUMBER LETTERING M10A
16 - " SUPERELEVATION & WIDENING M1A
17 - TYPICAL APPRCH ROADS & TRAFFIC SIGNS M2B
18-25 - PLAN & PROFILE SHEETS
26-104 CROSS SECTION "


### CONVENTIONAL SIGNS

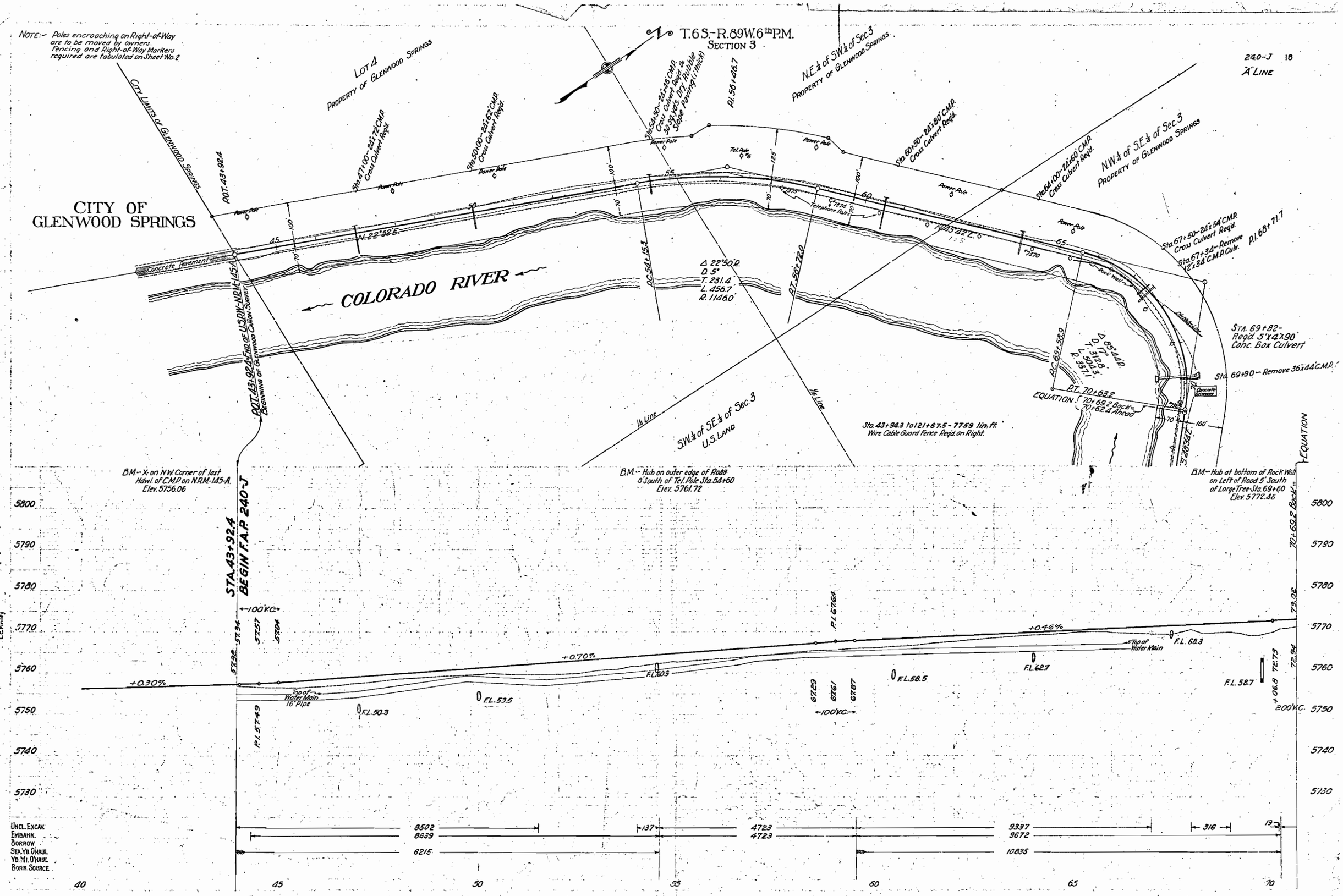
CENTER LINE OF SURVEY
RIGHT OF WAY LINE
TOWNSHIP LINE
SECTION LINE
ONE QUARTER SECTION LINE
RAILROADS
BARBED WIRE FENCE
WIRE CABLE GUARD FENCE
POLE LINES

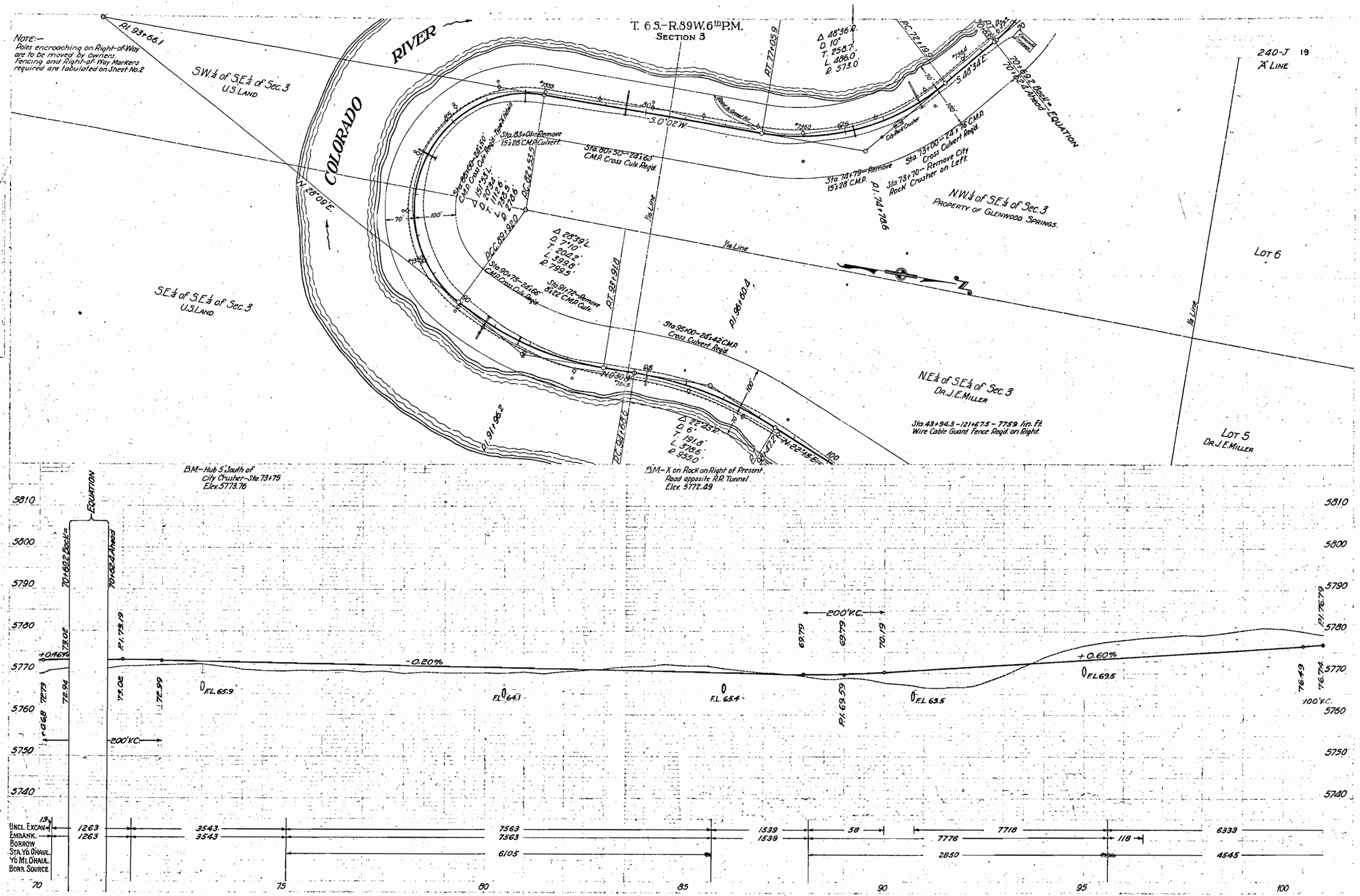
SCALES OF ORIGINAL TRACINGS
ON PLAN, 1 IN. - 100 FT.
ON PROFILE 1 IN. - 100 FT. HORIZONTAL; 1 IN. - 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT } 22,622.0 FT. = 4.284 MI.
NET LENGTH OF PROJECT }

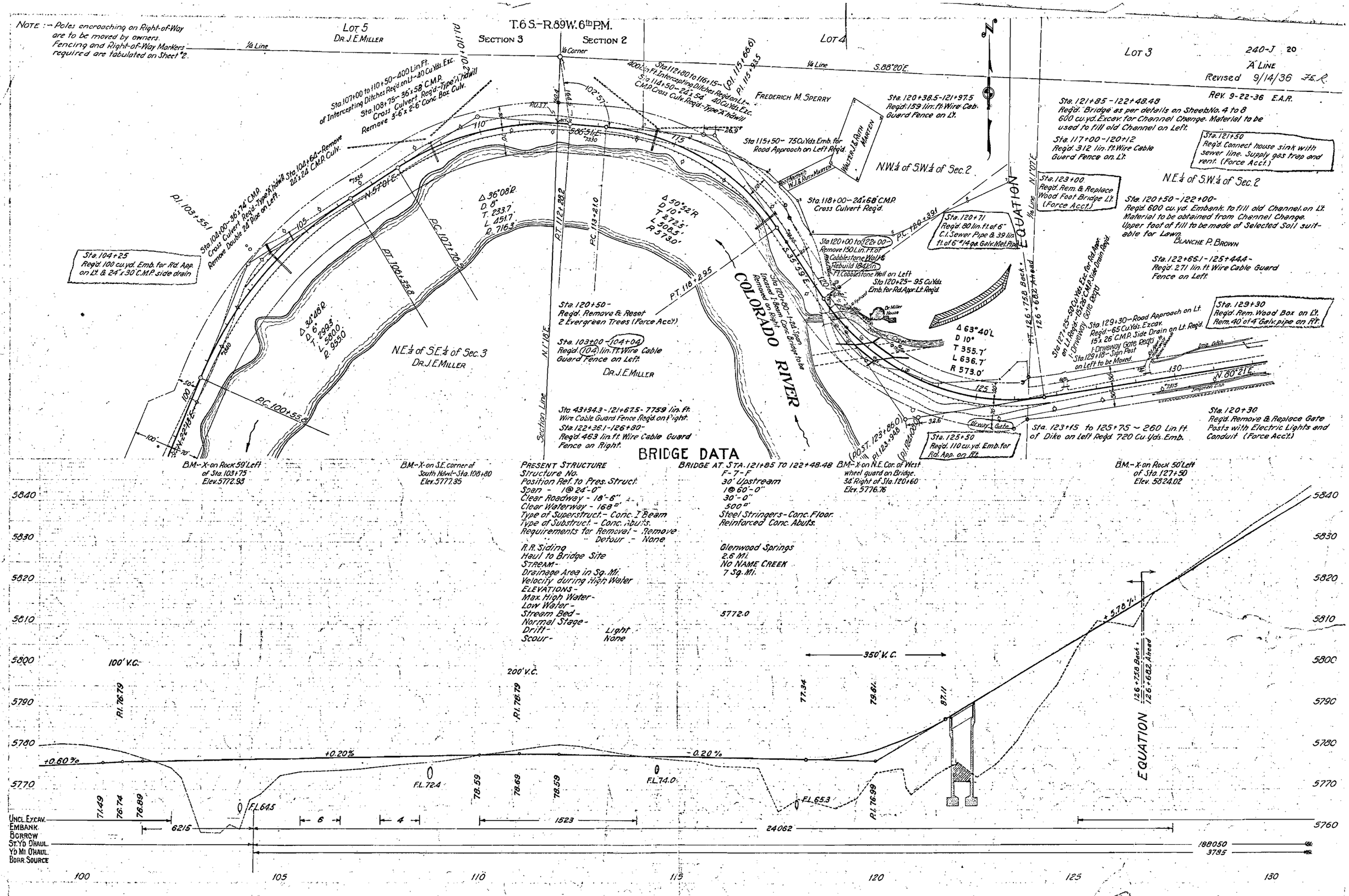


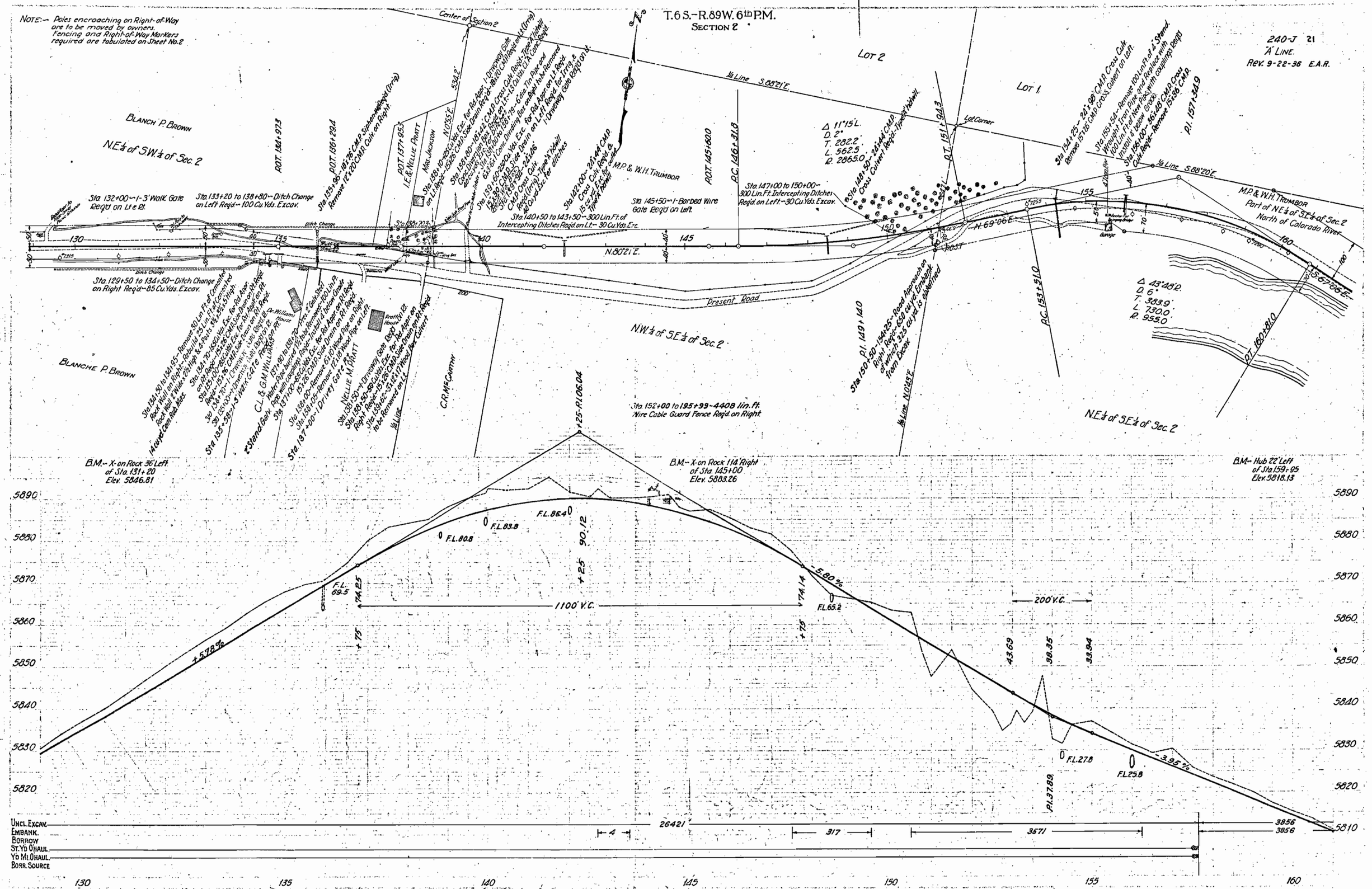

NOTE
It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this department.
H. L. Jenness, Division Engineer, located at Glenwood Spgs, Colo.
A. K. Langridge, Resident " " " " " "

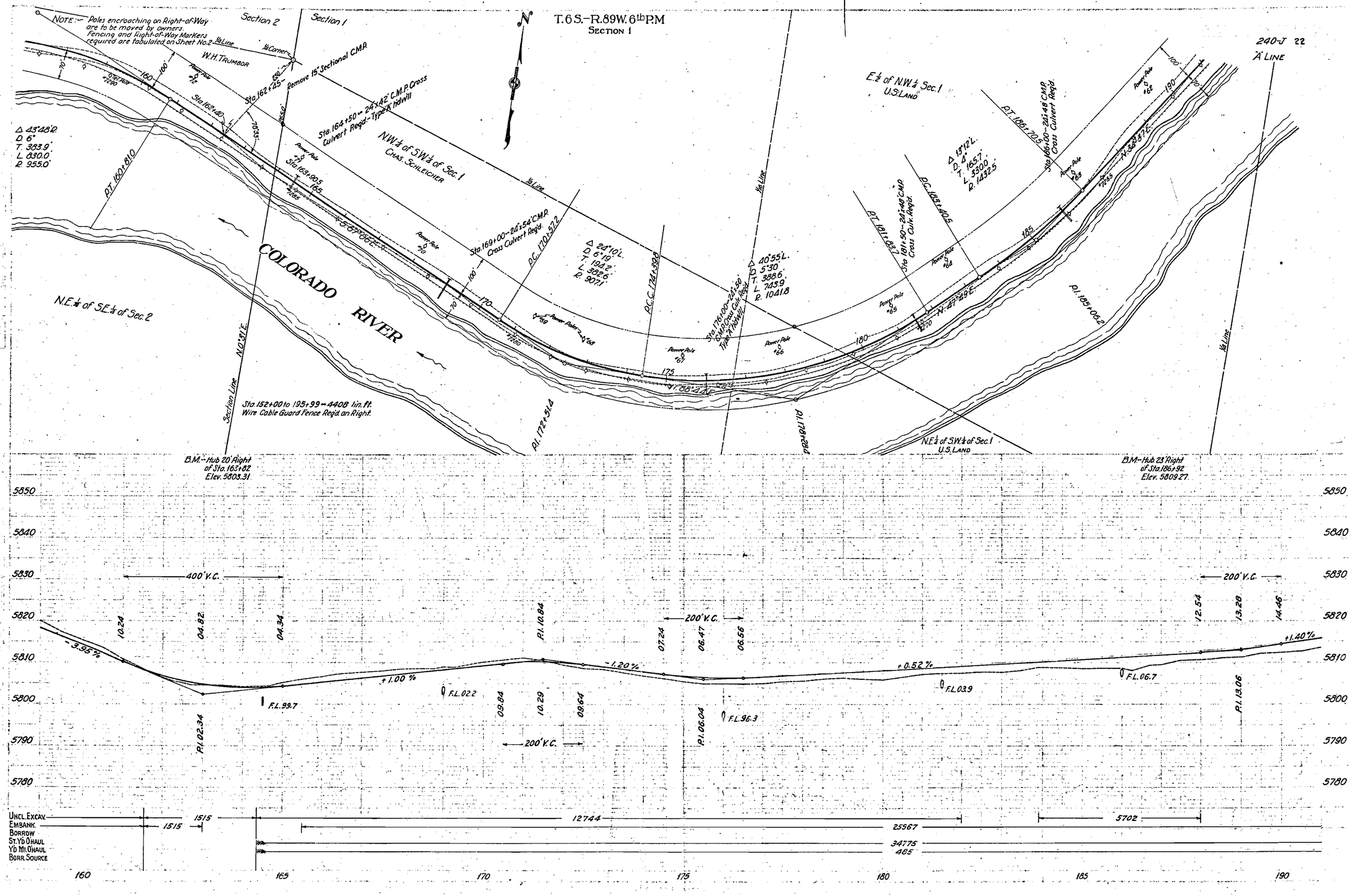
RECOMMENDED FOR APPROVAL 6/12/36
J. Williamson
ASSISTANT ENGINEER
APPROVED
Chas. D. Vail
STATE HIGHWAY ENGINEER
RECOMMENDED FOR APPROVAL
DIST. ENG. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENG. BUREAU PUBLIC ROADS
APPROVED
DIRECTOR BUREAU PUBLIC ROADS

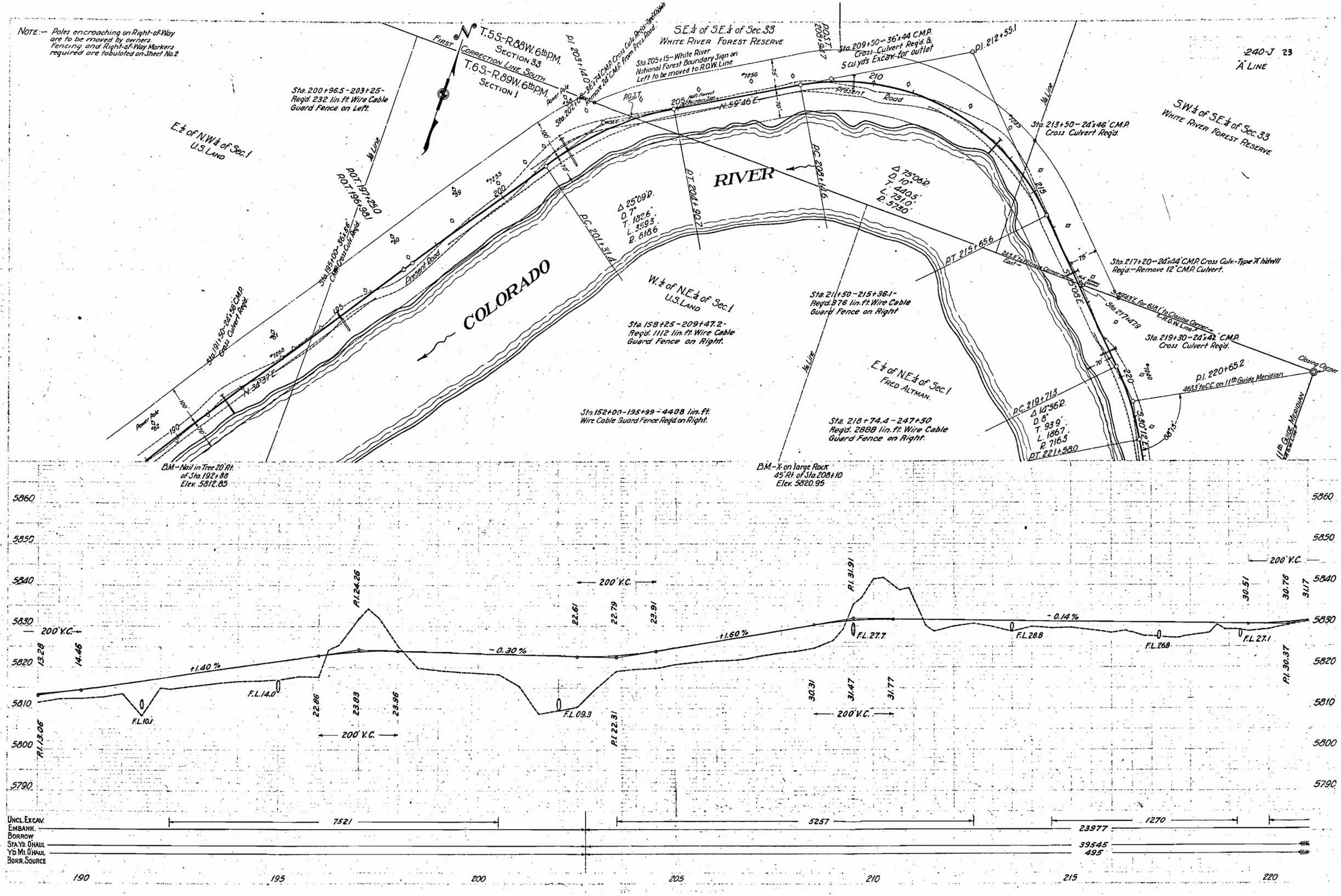

NOTE:- Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet No. 2
T.6 S.-R.89 W.6th P.M.
SECTION 3
240-J 18
"A" LINE
LOT 4
PROPERTY OF GLENWOOD SPRINGS
N.E.¼ of S.W.¼ of Sec. 3
PROPERTY OF GLENWOOD SPRINGS
N.W.¼ of S.E.¼ of Sec. 3
PROPERTY OF GLENWOOD SPRINGS
CITY LIMITS OF GLENWOOD SPRINGS
CITY OF GLENWOOD SPRINGS
POT. 43+92.4
Sta. 47+00-24'x72" C.M.P. Cross Culvert Reqd.
Sta. 50+00-24'x62" C.M.P. Cross Culvert Reqd.
Sta. 54+50-24'x45" C.M.P. Cross Culvert Reqd. & 30 Sq. Yds. Dry Rubble Slope Paving (11 inch)
P.I. 56+46.7
Sta. 60+50-24'x80" C.M.P. Cross Culvert Reqd.
Sta. 64+00-24'x60" C.M.P. Cross Culvert Reqd.
Sta. 67+50-24'x54" C.M.P. Cross Culvert Reqd.
Sta. 67+34 - Remove 12'x34' C.M.P. Culv.
P.I. 68+71.7
Power Pole
Tel. Pole
Telephone Pole
Concrete Pavement
N. 22°52' E.
N. 13°42' E.
COLORADO RIVER
Δ 22°50' R.
D. 5°
T. 231.4'
L. 456.7'
R. 1146.0'
P.C. 54+15.3
P.T. 58+72.0
Δ 85°24' R.
D. 7°
T. 312.6'
L. 604.3'
R. 357.1'
P.C. 65+56.9
P.T. 70+63.2
EQUATION 70+69.2 Back = 70+62.2 Ahead
Rock Wall
Glenwood Ave.
STA. 69+82 - Reqd. 5'x4'x90' Conc. Box Culvert
Sta. 69+90 - Remove 36'x44' C.M.P.
Concrete Gutter
S. 28°32' E.
Sta. 43+94.3 to 121+67.5 - 7759 lin. ft. Wire Cable Guard Fence Reqd. on Right.
¼ Line
SW.¼ of SE.¼ of Sec. 3
U.S. LAND
B.M.- X on N.W. Corner of last Hdwl. of C.M.P. on N.R.M.-145-A. Elev. 5756.06
B.M.- Hub on outer edge of Road 8' South of Tel. Pole Sta. 54+60 Elev. 5761.72
B.M.- Hub at bottom of Rock Wall on Left of Road 5' South of Large Tree Sta. 69+60 Elev. 5772.86
STA. 43+92.4 BEGIN F.A.P. 240-J
EQUATION
5800
5790
5780
5770
5760
5750
5740
5730
+0.30%
+0.70%
+0.46%
+06.8
200' V.C.
100' V.C.
Top of Water Main 16" Pipe
Top of Water Main
F.L. 50.3
F.L. 53.5
F.L. 60.3
F.L. 58.5
F.L. 62.7
F.L. 68.3
F.L. 58.7
P.I. 57.49
P.I. 67.64
UNCL. EXCAV.
EMBANK.
BORROW
STA. YD. O'HAUL
YD. MI. O'HAUL
BORR. SOURCE
8502
8659
6215
137
4723
4723
9337
9672
10835
316
13
40
45
50
55
60
65
70

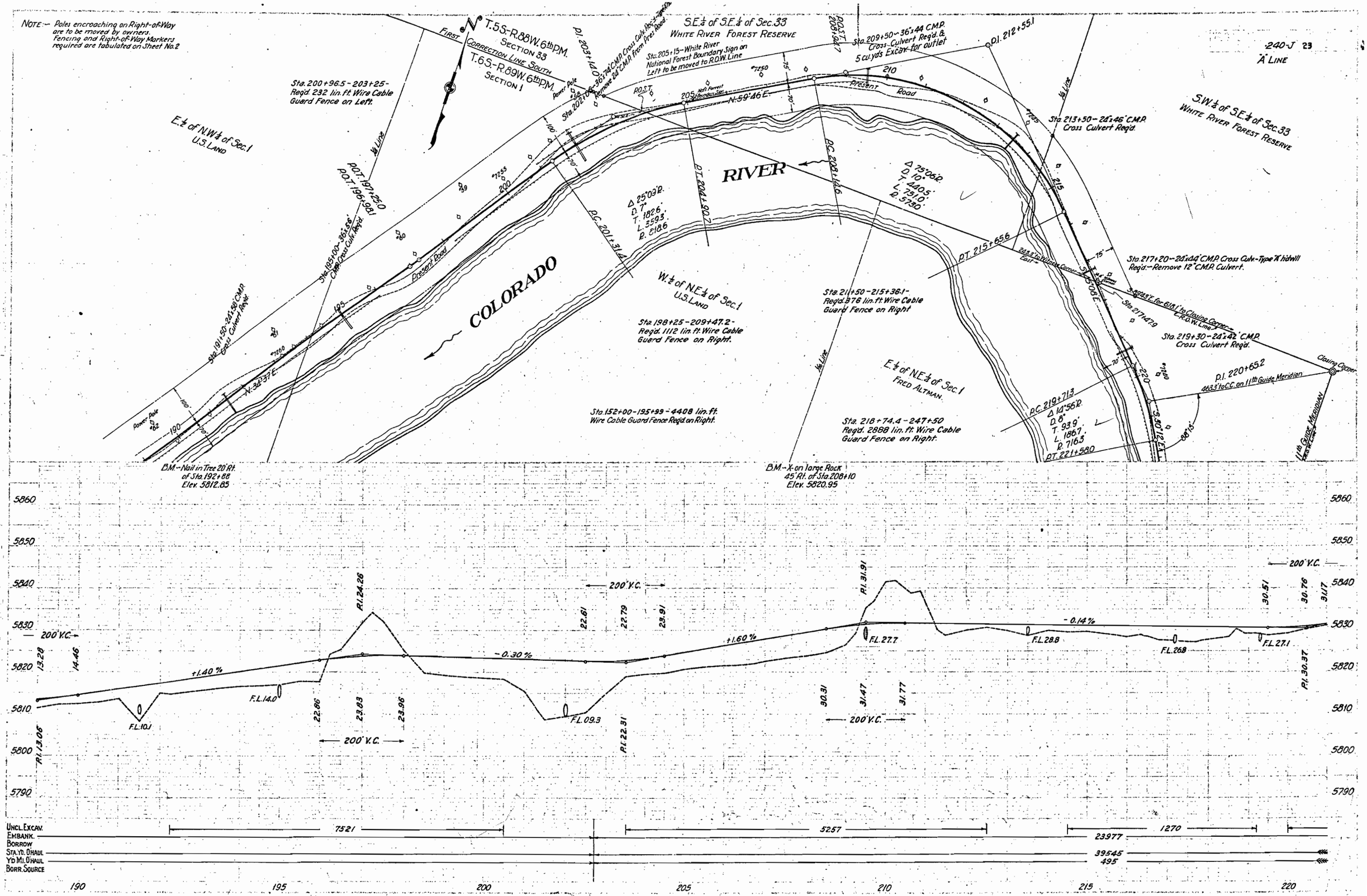

T. 6 S.-R.89 W. 6th P.M.
SECTION 3
NOTE:-
Poles encroaching on Right-of-Way are to be moved by owners.
Fencing and Right-of-Way Markers required are tabulated on Sheet No. 2
COLORADO RIVER
P.I. 93+66.1
S.W.¼ of S.E.¼ of Sec. 3
U.S. LAND
S.E.¼ of S.E.¼ of Sec. 3
U.S. LAND
N.W.¼ of S.E.¼ of Sec. 3
PROPERTY OF GLENWOOD SPRINGS.
N.E.¼ of S.E.¼ of Sec. 3
DR. J. E. MILLER
LOT 6
LOT 5
DR. J. E. MILLER
240-J 19
"A" LINE
1/16 Line
Δ 48°36' R.
D. 10°
T. 258.7'
L. 486.0'
R. 573.0'
P.C. 72+19
P.T. 77+05.9
S. 48°34' E.
70+89.2 Back = 70+62.2 Ahead = EQUATION
Sta. 73+00 - 24" x 76' C.M.P. Cross Culvert Reqd.
Sta. 73+70 - Remove City Rock Crusher on Left.
Sta. 74+79 - Remove 15" x 28' C.M.P.
P.I. 74+78.6
S. 0°02' W.
Sta. 80+50 - 24" x 60' C.M.P. Cross Culv. Reqd.
Sta. 83+01 - Remove 15" x 28' C.M.P. Culvert.
Sta. 85+80 - 24" x 50' C.M.P. Cross Culv. Reqd. - Type "X" Inlet
Δ 151°53' L.
D. 20°30'
T. 1112.6'
L. 1868.9'
R. 210.6'
P.C. 82+53.5
Δ 28°39' L.
D. 7°10'
T. 204.2'
L. 399.8'
R. 799.5'
P.C.C. 89+92.0
Sta. 90+75 - 24" x 66' C.M.P. Cross Culv. Reqd.
Sta. 91+72 - Remove 24" x 22' C.M.P. Culv.
P.T. 93+91.0
P.I. 96+60.4
Sta. 95+00 - 24" x 42' C.M.P. Cross Culvert Reqd.
N. 0°30' W.
P.I. 91+96.2
P.C.C. 94+16.0
Δ 22°43' R.
D. 6°
T. 191.6'
L. 378.6'
R. 955.0'
P.T. 98+47.2
N. 22°15' E.
Sta. 43+94.3 - 121+67.5 - 7759 lin. ft. Wire Cable Guard Fence Reqd. on Right.
N. 28°09' E.
B.M. - Hub 5' South of City Crusher - Sta. 73+75 Elev. 5773.76
B.M. - X on Rock on Right of Present Road opposite R.R. Tunnel. Elev. 5772.49
N.E. Daukshem
R.R. Hutchinson
L.C. Finley
6-35
8-35
EQUATION
70+68.2 Back =
70+62.2 Ahead
P.I. 73.19
73.02
72.94
72.99
+0.46%
+0.68
-0.20%
+0.60%
200' V.C.
100' V.C.
F.L. 65.9
F.L. 64.1
F.L. 65.4
F.L. 63.5
F.L. 69.5
P.I. 69.59
69.79
69.79
70.19
P.I. 76.79
76.74
76.49
5810
5800
5790
5780
5770
5760
5750
5740
Uncl. Excav.
Embank.
Borrow
Sta. Yd. O'haul.
Yd. Mi. O'haul.
Borr. Source
1263
1263
3543
3543
7563
7563
6105
1539
1539
58
7776
2850
7718
118
6333
4545
70
75
80
85
90
95
100

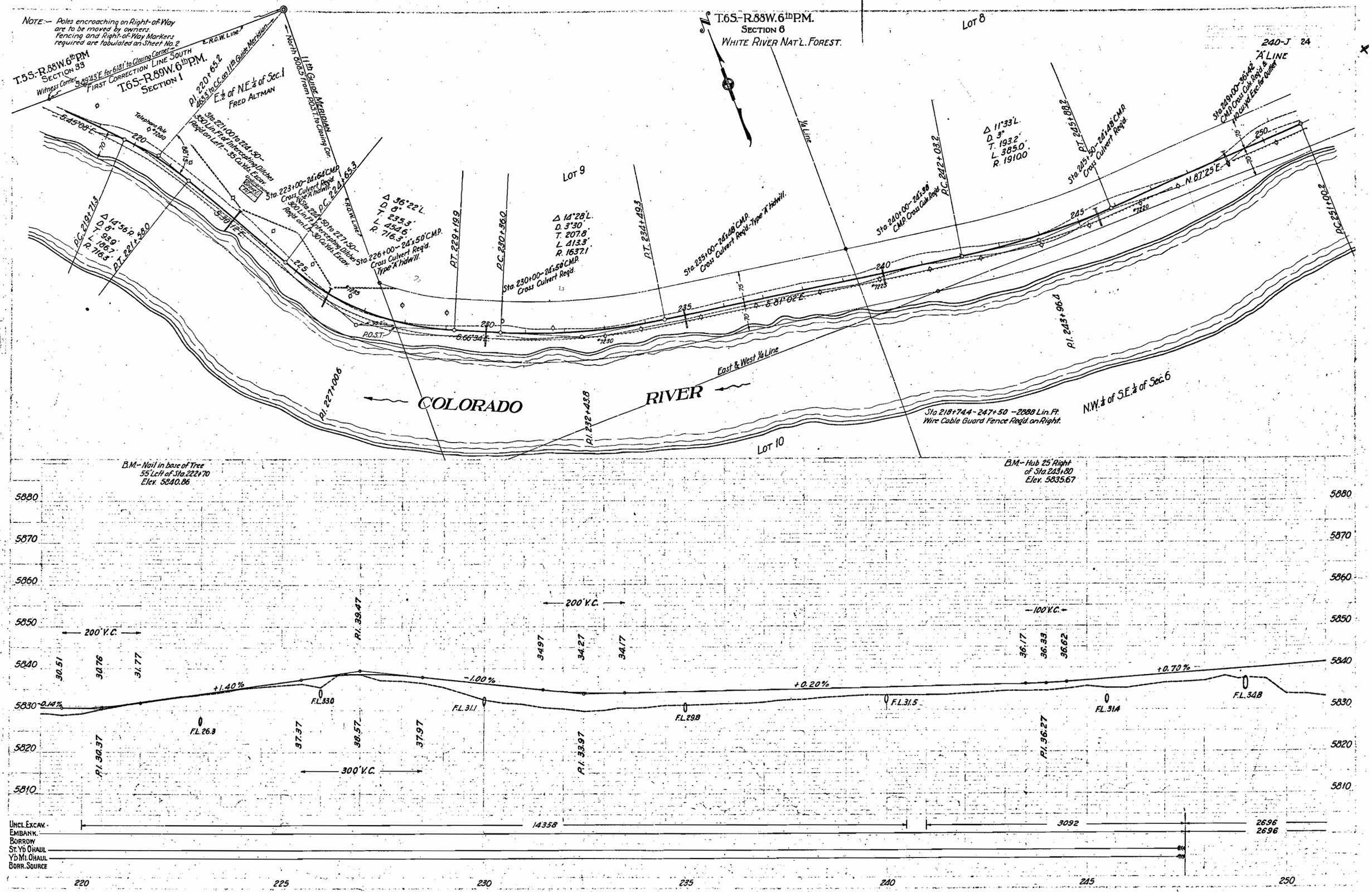
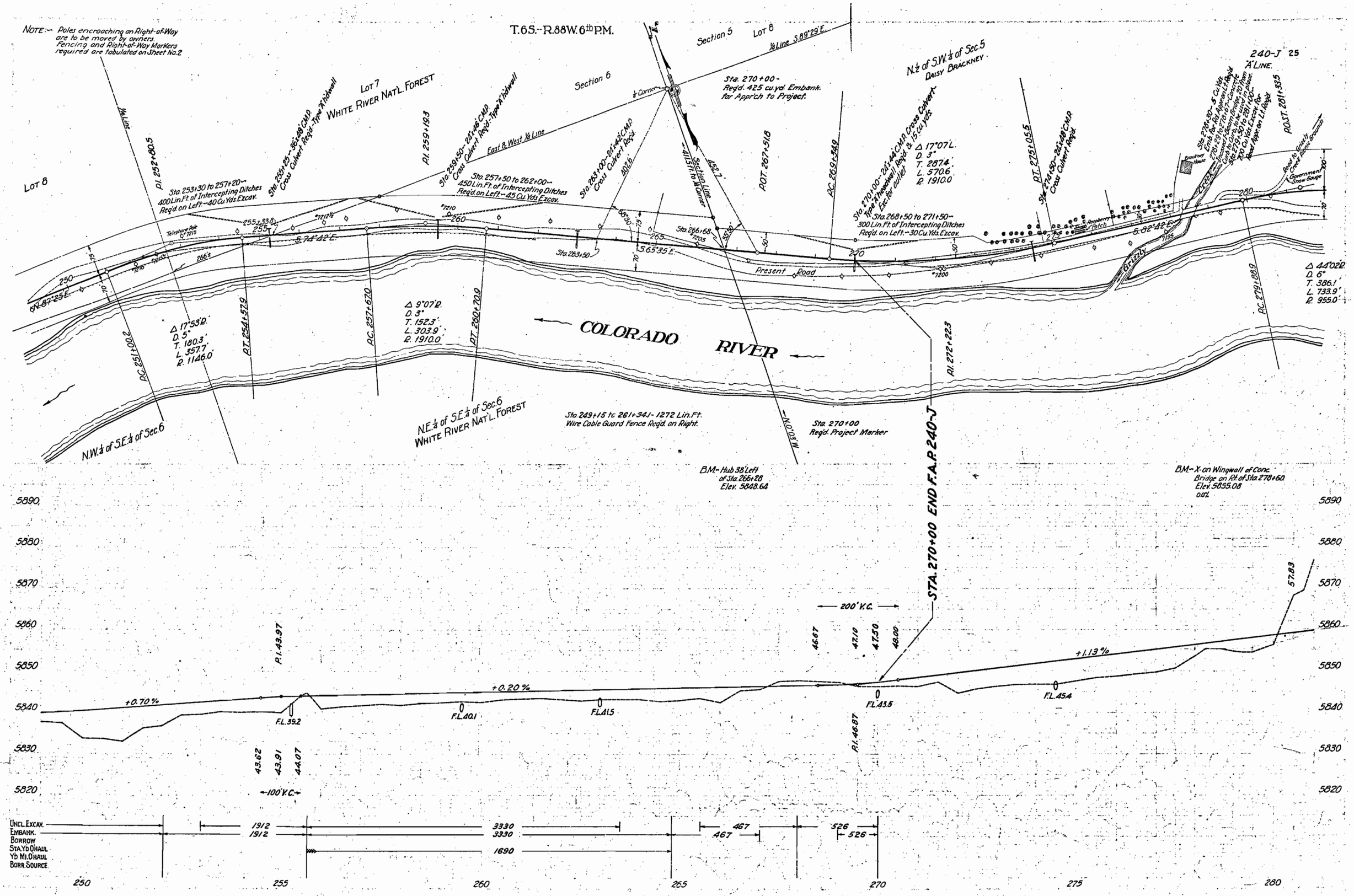

NOTE :- Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet #2.
T.6 S.-R.89W.6th P.M.
Lot 5
Dr. J.E. Miller
Section 3
Section 2
Lot 4
Lot 3
240-J 20
"A" Line
Revised 9/14/36 F.E.R.
Rev. 9-22-36 E.A.R.
S.88°20'E.
Frederich M. Sperry
Walter J. & Ruth Marten
N.W.¼ of S.W.¼ of Sec. 2
N.E.¼ of S.W.¼ of Sec. 2
Blanche P. Brown
N.E.¼ of S.E.¼ of Sec. 3
Dr. J.E. Miller
Colorado River
Section Line
EQUATION
Sta. 104+25 Reqd. 100 cu.yd. Emb. for Rd. App. on Lt. & 24"x30' C.M.P. side drain
Sta. 107+00 to 110+50 - 400 Lin. Ft. of Intercepting Ditches Reqd. on Lt. - 40 Cu.Yds. Exc.
Sta. 108+75 - 36"x58' C.M.P. Cross Culvert Reqd. - Type "A" Headwall
Remove 3'-6" x 2'-6" Conc. Box Culv.
Sta. 104+00 - 36"x74' C.M.P. Cross Culvert Reqd. - Type "A" Headwall. Sta. 104+64 - Remove 24"x24' C.M.P. Culv.
Remove Double 24" Pipe on Left.
Sta. 112+80 to 116+15 - 400 Lin. Ft. Intercepting Ditches Reqd. on Lt. - 40 Cu.Yds. Exc.
Sta. 114+50 - 24"x54' C.M.P. Cross Culv. Reqd. - Type "A" Headwall
Sta. 115+50 - 75 Cu.Yds. Emb. for Road Approach on Left Reqd.
Sta. 118+00 - 24"x68' C.M.P. Cross Culvert Reqd.
Sta. 120+38.5 - 121+97.5 Reqd. 159 lin. ft. Wire Cab. Guard Fence on Lt.
Sta. 120+50 - Reqd. Remove & Reset 2 Evergreen Trees (Force Acct.)
Sta. 103+00 - 104+04 Reqd. (104) lin. ft. Wire Cable Guard Fence on Left.
Sta. 43+94.3 - 121+67.5 - 7759 lin. ft. Wire Cable Guard Fence Reqd. on Right.
Sta. 122+36.1 - 126+30 - Reqd. 463 lin. ft. Wire Cable Guard Fence on Right.
Sta. 120+80 - 1-24' Sign Removed on Right. Uncased 1-Beam Conc. Bridge to be
Sta. 120+00 to 122+00 - Remove 150 Lin. Ft. of Cobblestone Wall & Rebuild 184 Lin. Ft. Cobblestone Wall on Left
Sta. 120+25 - 95 Cu.Yds. Emb. for Rd. App. Lt. Reqd.
Sta. 120+71 Reqd. 80 lin. ft. of 6" C.I. Sewer Pipe & 39 lin. ft. of 6" #14 ga. Galv. Met. Pipe
Sta. 121+85 - 122+48.48 Reqd. Bridge as per details on Sheets No. 4 to 8. 600 cu.yd. Excav. for Channel Change. Material to be used to fill old Channel on Left.
Sta. 117+00 - 120+12 Reqd. 312 lin. ft. Wire Cable Guard Fence on Lt.
Sta. 121+50 Reqd. Connect house sink with sewer line. Supply gas trap and vent. (Force Acct.)
Sta. 123+00. Reqd. Rem. & Replace Wood Foot Bridge Lt. (Force Acct.)
Sta. 120+50 - 122+00 - Reqd. 600 cu.yd. Embank. to fill old Channel on Lt. Material to be obtained from Channel Change. Upper foot of fill to be made of Selected Soil suitable for Lawn.
Sta. 122+66.1 - 125+44.4 - Reqd. 271 lin. ft. Wire Cable Guard Fence on Left.
Sta. 127+25 - 500 Cu.Yds. Exc. for Rd. App. on Lt. Reqd. - 15"x26' C.M.P. Side Drain Reqd. 1-Driveway Gate Reqd.
Sta. 129+30 - Road Approach on Lt. Reqd. - 65 Cu.Yds. Excav. 15"x26' C.M.P. Side Drain on Lt. Reqd. 1-Driveway Gate Reqd.
Sta. 129+18 - Sign Post on Left to be Moved.
Sta. 129+30 Reqd. Rem. Wood Box on Lt. Rem. 40' of 4" Galv. pipe on Rt.
Sta. 125+50 Reqd. 110 cu.yd. Emb. for Rd. App. on Rt.
Sta. 123+15 to 125+75 - 260 Lin. Ft. of Dike on Left Reqd. 720 Cu.Yds. Emb.
Sta. 120+30 Reqd. Remove & Replace Gate Posts with Electric Lights and Conduit (Force Acct.)
Dr. Miller House
Dr. Miller Cem.
Driv'way Gate
Irrig. Ditch
Irrigation Ditch
N.80°21'E.
N.1°07'E.
N.1°18'E.
N.57°01'E.
S.86°51'E.
S.35°59'E.
P.I. 103+55.1
P.C. 100+55.6
P.C. 107+70
P.T. 106+35.8
P.T. 112+28.2
P.C. 113+21.0
P.T. 118+29.5
P.C. 120+39.1
P.T. 126+75.8 Back
126+68.2 Ahead
Δ 36°08'R D 8° T 233.7' L 451.7' R 716.3'
Δ 34°06'R D 6° T 293.3' L 580.0' R 972.5'
Δ 50°52'R D 10° T 272.5' L 508.5' R 573.0'
Δ 63°40'L D 10° T 355.7' L 636.7' R 573.0'
BM.-X on Rock 59' Left of Sta. 103+75 Elev. 5772.93
BM.-X on S.E. corner of South Hdwl. - Sta. 108+80 Elev. 5777.35
BM.-X on N.E. Cor. of West wheel guard on Bridge. 34' Right of Sta. 120+60 Elev. 5776.76
BM.-X on Rock 50' Left of Sta. 127+50 Elev. 5824.02
BRIDGE DATA
Present Structure
Structure No. F-7-F
Position Ref. to Pres. Struct. 30' Upstream
Span - 1@24'-0" 1@60'-0"
Clear Roadway - 18'-6" 30'-0"
Clear Waterway - 168' 500'
Type of Superstruct. - Conc. T Beam Steel Stringers - Conc. Floor.
Type of Substruct. - Conc. Abuts. Reinforced Conc. Abuts.
Requirements for Removal - Remove
" " Detour - None
R.R. Siding Glenwood Springs
Haul to Bridge Site 2.6 Mi.
Stream - No Name Creek
Drainage Area in Sq. Mi. 7 Sq. Mi.
Velocity during High Water
Elevations -
Max. High Water -
Low Water -
Stream Bed - 5772.0
Normal Stage -
Drift - Light
Scour - None
100' V.C.
200' V.C.
350' V.C.
+0.60%
+0.20%
-0.20%
+5.78% V.C.
P.I. 76.79
P.I. 76.99
F.L. 64.5
F.L. 72.4
F.L. 74.0
F.L. 65.3
71.49
76.74
76.89
78.59
78.69
78.59
77.34
79.61
87.11
Uncl. Excav.
Embank.
Borrow
Sta. Yd. Haul.
Yd. Mi. Haul.
Borr. Source
6215
6
4
1523
24062
188050
3795
100
105
110
115
120
125
130
5840
5830
5820
5810
5800
5790
5780
5770
5760


T.6 S.-R.89 W. 6th P.M.
SECTION 2
NOTE:- Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet No.2
240-J 21
"A" LINE.
REV. 9-22-36 E.A.R.
Center of Section 2
LOT 2
LOT 1
1/4 Line S.88°21'E.
1/4 Line S.88°20'E.
BLANCH P. BROWN
N.E.1/4 of S.W.1/4 of Sec. 2
P.O.T. 124+97.3
P.O.T. 136+29.4
P.O.T. 137+85.3
I.E. & NELLIE PRATT
MAT. JACKSON
M.P. & W.H. TRUMBOR
P.O.T. 145+60.0
P.C. 146+31.8
P.O.T. 151+94.3
Lot Corner
Δ 11°15' L.
D. 2°
T. 282.2'
L. 562.5'
R. 2865.0'
Sta. 132+00 - 1-3' Walk Gate Reqd on Lt & Rt.
Sta. 133+20 to 138+80 - Ditch Change on Left Reqd - 100 Cu. Yds. Excav.
Sta. 135+96 - 18'-7" C.M.P. Siphon Reqd (Irrig) Remove 12" x 20' C.M.P. Culv. on Right.
Sta. 138+10 - 22'-0" C.M.P. Cross Culv. For Rd. Appr. 1-Driveway Gate on Lt. Reqd - 15'-6" C.M.P. Side Drain Reqd - 18'-0" C.M.P. on Rt. (Irrig)
Sta. 138+80 - 16'-4" C.M.P. Cross Culv. Reqd - Type "A" Inlet Conc. Diversion Box Reqd on Lt. - 13 Cu. Yds. Cl. A Conc. Reqd.
Sta. 139+60 - 25'-0" Vds. Exc. For Rd. Appr. on Lt. Reqd.
Sta. 139+80 - 18'-1" x 79'-6" Corr. Tin Pipe and Conc. Inlet Box Reqd. Remove 12" x 18" Wood Pipe and Inlet Box on Right. Remove 15" x 18" Wood Pipe on Left.
Sta. 139+90 - 25'-0" Vds. Exc. For Rd. Appr. on Left. Reqd. for Irrig. & 1-Driveway Gate Reqd on Rt.
Sta. 139+90 - 25'-0" C.M.P. Side Drain on Left Reqd (Irrig) - Type "A" Inlet 40 Cu. Yds. Exc. for ditches
Sta. 142+00 - 26'-4" C.M.P. Cross Culv. Reqd. & 15 cu. yd. Exc. for Type "A" Inlet
Sta. 145+50 - 1-Barbed Wire Gate Reqd on Left.
Sta. 147+00 to 150+00 - 300 Lin. Ft. Intercepting Ditches Reqd. on Left - 30 Cu. Yds. Excav.
Sta. 148+50 - 26'-4" C.M.P. Cross Culvert Reqd - Type "A" Inlet
Sta. 154+25 - 24'-0" 98# C.M.P. Cross Culv. Remove 15" x 26' C.M.P. Cross Culv. Cohert on Left.
Sta. 155+54 - Remove 100 Lin. Ft. of 4" Stand. Wrought Iron Pipe and Replace with 100 Lin. Ft. of New Pipe with couplings Reqd.
Sta. 155+80 - 36'-4" C.M.P. Cross Culv. Reqd - Remove 15" x 36' C.M.P.
P.I. 157+34.9
M.P. & W.H. TRUMBOR
Part of N.E.1/4 of S.E.1/4 of Sec. 2
North of Colorado River
Sta. 129+50 to 134+50 - Ditch Change on Right Reqd - 85 Cu. Yds. Excav.
Sta. 134+50 to 134+95 - Remove 30 Lin. Ft. of Cemented Rock Wall on Right - Rebuild 25 Lin. Ft. of Cemented Rock Wall 2' Wide x 22" High & 4 Posts 9" x 9" x 5' High.
14 cu. yd. Cem. Rub. Mas.
Sta. 134+70 - 15'-0" Vds. Exc. for Rd. Appr. on Rt. Reqd.
Sta. 135+00 - 15'-6" C.M.P. Side Drain on Rt. Reqd.
Sta. 135+46 C.M.P. Side Drain on Rt. Reqd.
Sta. 135+58 - 1-5' Walk Gate Reqd on Rt.
C.L. & G.M. WILLIAMS
Sta. 137+00 to 138+70 - Pres. 2" Galv. Steel Water Pipe buried 1'-6" to be Removed - 100 Lin. Ft. of Pipe with couplings Reqd - Install 2" below Grade.
2" Stand. Galv. Pipe
Sta. 137+00 - 85 Cu. Yds. Exc. for Rd. Appr. on Rt. Reqd.
Sta. 138+00 - Remove 6" x 10" Wood Pipe on Right.
Sta. 138+05 - Remove 15" x 18" Wood Pipe on Left.
Sta. 137+00 - 1 Driver Gate Rt.
NELLIE M. PRATT
Sta. 138+50 - 1 Driveway Gate Reqd.
Sta. 138+50 - 50 Cu. Yds. Exc. for Rd. Appr. on Right Reqd. - 15'-6" C.M.P. Side Drain on Rt. Reqd.
Sta. 139+62 - 31'-6" x 17" Wood Box Culvert to be Removed on Lt.
Sta. 147+00 to 195+99 - 4408 Lin. Ft. Wire Cable Guard Fence Reqd. on Right.
C.R. McCARTHY
Sta. 149+50 - 154+25 - Road Approach on Right. Reqd - 650 cu. yd. Embankment of which 325 cu. yd. is obtained from Excav.
P.I. 149+14.0
P.C. 153+51.0
P.O.T. 160+81.0
Δ 43°48' R.
D. 6°
T. 383.9'
L. 730.0'
R. 955.0'
Present Road
N.W.1/4 of S.E.1/4 of Sec. 2
N.E.1/4 of S.E.1/4 of Sec. 2
N.80°21'E.
N.69°06'E.
S.67°06'E.
N.0°55'E.
B.M.- X on Rock 36' Left of Sta. 131+20 Elev. 5846.81
B.M.- X on Rock 114' Right of Sta. 145+00 Elev. 5883.26
B.M.- Hub 22' Left of Sta. 159+95 Elev. 5818.13
+25 - R.106.04
F.L. 86.4
F.L. 83.8
F.L. 80.8
F.L. 69.5
F.L. 65.2
F.L. 27.8
F.L. 25.8
90.12
74.25
74.14
+25
+75
+5.78%
-5.80%
-3.95%
1100' V.C.
200' V.C.
43.69
38.35
33.54
P.I. 37.89
5890
5880
5870
5860
5850
5840
5830
5820
5810
UNCL. EXCAV.
EMBANK.
BORROW
ST. YD. OHAUL.
YD. MI. OHAUL.
BORR. SOURCE
26421
4
317
3571
3856
3856
130
135
140
145
150
155
160
1935
7-35
8-35
H.E. Raubotham
H.R. Hutchinson
L.E. Philip


T.6 S.–R.89 W. 6th P.M
Section 1
NOTE:– Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet No.2
Section 2
Section 1
W.H. TRUMBOR
Remove 15" Sectional C.M.P.
Sta. 162+45
Sta. 162+40
Sta. 164+50 – 24"x42" C.M.P. Cross Culvert Reqd.– Type "A" hdwll
N.W.¼ of S.W.¼ of Sec. 1
CHAS. SCHLEICHER
Sta. 169+00 – 24"x54" C.M.P. Cross Culvert Reqd.
Sta. 176+00 – 24"x60" C.M.P. Cross Culv. Reqd. Type "A" hdwll
Sta. 181+50 – 24"x48" C.M.P. Cross Culv. Reqd.
Sta. 186+00 – 24"x48" C.M.P. Cross Culvert Reqd.
E.½ of N.W.¼ Sec. 1
U.S. LAND
240-J 22
"A" LINE
COLORADO RIVER
N.E.¼ of S.E.¼ of Sec. 2
Section Line
N.0°31'E.
Sta. 152+00 to 195+99 = 4408 lin. ft. Wire Cable Guard Fence Reqd. on Right.
B.M.– Hub 20' Right of Sta. 163+82 Elev. 5803.31
B.M.– Hub 23' Right of Sta. 186+92 Elev. 5809.27
N.E.¼ of S.W.¼ of Sec. 1 U.S. LAND
Δ 43°48'R. D 6° T. 383.9' L. 830.0' R. 955.0'
P.T. 160+81.0
Δ 24°10'L. D 6°19' T. 194.2' L. 382.6' R. 907.1'
P.C. 170+51.2
P.C.C. 172+39.8
Δ 40°55'L. D 5°30' T. 388.6' L. 743.9' R. 1041.8
P.I. 172+51.4
P.I. 178+28.4
P.I. 185+06.2
Δ 13°12'L. D 4° T. 165.7' L. 330.0' R. 1432.5
P.C. 183+40.5
P.T. 181+83.7
P.T. 186+70.5
N.0°31'E.
N.86°24'E.
N.47°59'E.
N.32°37'E.
400' V.C.
200' V.C.
-3.95%
+1.00%
-1.20%
+0.52%
+1.40%
F.L. 99.7
F.L. 02.2
F.L. 96.3
F.L. 03.9
F.L. 06.7
P.I. 02.34
P.I. 10.84
P.I. 06.04
P.I. 13.06
10.24
04.82
04.34
09.84
10.29
09.64
07.24
06.47
06.56
12.54
13.28
14.46
5850
5840
5830
5820
5810
5800
5790
5780
Uncl. Excav.
Embank.
Borrow
St. Yd. Haul
Yd. Mi. Haul
Borr. Source
1515
1515
12744
25567
5702
34775
485
160
165
170
175
180
185
190


NOTE:— Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet No. 2
240-J 23
"A" LINE
T. 5 S.-R. 88 W. 6th P.M. SECTION 33
T. 6 S.-R. 89 W. 6th P.M. SECTION 1
FIRST CORRECTION LINE SOUTH
S.E.¼ of S.E.¼ of Sec. 33 WHITE RIVER FOREST RESERVE
S.W.¼ of S.E.¼ of Sec. 33 WHITE RIVER FOREST RESERVE
E.½ of N.W.¼ of Sec. 1 U.S. LAND
W.½ of N.E.¼ of Sec. 1 U.S. LAND
E.½ of N.E.¼ of Sec. 1 FRED ALTMAN.
COLORADO RIVER
Present Road
N. 59°46' E.
N. 34°37' E.
S. 50°12' E.
Sta. 200+96.5-203+25- Reqd. 232 lin. ft. Wire Cable Guard Fence on Left.
Sta. 209+50-36"x44' C.M.P. Cross Culvert Reqd. & 5 cu. yds Excav. for outlet
Sta. 205+15-White River National Forest Boundary Sign on Left to be moved to R.O.W. Line
Sta. 213+50-24"x46' C.M.P. Cross Culvert Reqd.
Sta. 217+20-24"x44' C.M.P. Cross Culv.-Type "K" hdwll Reqd.-Remove 12" C.M.P. Culvert.
Sta. 217+47.9
Sta. 219+30-24"x42' C.M.P. Cross Culvert Reqd.
Sta. 191+50-24"x58' C.M.P. Cross Culvert Reqd.
Sta. 195+00-36"x56' C.M.P. Cross Culv. Reqd.
Sta. 211+50-215+36.1- Reqd. 376 lin. ft. Wire Cable Guard Fence on Right
Sta. 158+25-209+47.2- Reqd. 1112 lin. ft. Wire Cable Guard Fence on Right.
Sta. 152+00-195+99-4408 lin. ft. Wire Cable Guard Fence Reqd. on Right.
Sta. 218+74.4-247+50 Reqd. 2888 lin. ft. Wire Cable Guard Fence on Right.
Sta. 248.5' to Witness Corner East
S. 89°43' E. for 618.1' to Closing Corner on R.O.W. Line
Closing Corner
P.I. 220+65.2
4633' to CC on 11th Guide Meridian
11th Guide Meridian
Power Pole
Fence
Ye Line
P.O.T. 197+250
P.O.T. 196+98.1
P.O.T. 203+10.1
P.O.T. 208+94.7
P.C. 201+31.4
P.T. 204+92.7
P.C. 208+14.6
P.T. 215+65.6
P.C. 219+71.3
P.T. 221+58.0
Δ 25°09' R. D. 7° T. 182.6' L. 359.3' R. 818.6
Δ 75°06' R. D. 10° T. 440.5' L. 751.0' R. 573.0'
Δ 14°56' R. D. 8° T. 93.9' L. 186.7' R. 716.3'
B.M.-Nail in Tree 20' Rt. of Sta. 192+88 Elev. 5812.85
B.M.-X on large Rock 45' Rt. of Sta. 208+10 Elev. 5820.95
P.I. 13.06
13.28
14.46
F.L. 10.1
F.L. 14.0
P.I. 24.26
22.86
23.83
23.96
F.L. 09.3
P.I. 22.31
22.61
22.79
23.91
30.31
31.47
31.77
P.I. 31.91
F.L. 27.7
F.L. 28.8
F.L. 26.8
F.L. 27.1
30.51
30.76
31.17
P.I. 30.37
200' V.C.
+1.40 %
-0.30 %
+1.60 %
-0.14 %
5860
5850
5840
5830
5820
5810
5800
5790
UNCL. EXCAV.
EMBANK.
BORROW
STA. YD. O'HAUL
YD. MI. O'HAUL
BORR. SOURCE
7521
5257
23977
1270
39545
495
190
195
200
205
210
215
220


NOTE — Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet No. 2
T.5S-R.88W. 6th P.M. SECTION 33
CORRECTION LINE SOUTH
T.6S-R.89W. 6th P.M. SECTION 1
S.E.¼ of S.E.¼ of Sec. 33 WHITE RIVER FOREST RESERVE
Sta. 209+50 - 36"x44' C.M.P. Cross Culvert Req'd. & 5 cu. yds Excav. for outlet
Sta. 205+15 - White River National Forest Boundary Sign on Left to be moved to R.O.W. Line
Sta. 200+96.5 - 203+25 - Req'd. 232 lin. ft. Wire Cable Guard Fence on Left.
Sta. 202+06 - 36"x74' C.M.P. Cross Culv. Type "A" hdwll
Remove 24" C.M.P. from Pres. Road
Sta. 213+50 - 24"x46' C.M.P. Cross Culvert Req'd.
S.W.¼ of S.E.¼ of Sec. 33 WHITE RIVER FOREST RESERVE
E.½ of N.W.¼ of Sec. 1 U.S. LAND
Sta. 195+00 - 36"x56' C.M.P. Cross Culv. Req'd.
Sta. 191+50 - 24"x56' C.M.P. Cross Culvert Req'd.
Present Road
COLORADO RIVER
Sta. 217+20 - 24"x44' C.M.P. Cross Culv. - Type "A" hdwll Req'd. - Remove 12" C.M.P. Culvert.
Sta. 219+30 - 24"x42' C.M.P. Cross Culvert Req'd.
W.½ of N.E.¼ of Sec. 1 U.S. LAND
Sta. 198+25 - 209+47.2 - Req'd. 1112 lin. ft. Wire Cable Guard Fence on Right.
Sta. 211+50 - 215+36.1 - Req'd. 378 lin. ft. Wire Cable Guard Fence on Right
Sta. 152+00 - 195+99 - 4408 lin. ft. Wire Cable Guard Fence Req'd. on Right.
E.½ of N.E.¼ of Sec. 1 FRED ALTMAN
Sta. 218+74.4 - 247+50 Req'd. 2888 lin. ft. Wire Cable Guard Fence on Right.
B.M. - Nail in Tree 20' Rt. of Sta. 192+88 Elev. 5812.85
B.M. - X on large Rock 45' Rt. of Sta. 208+10 Elev. 5820.95
Closing Corner
P.I. 220+65.2
4633' to C.C. on 11th Guide Meridian
11th Guide Meridian
"A" LINE
240-J 23
+1.40%
-0.30%
+1.60%
-0.14%
200' V.C.
UNCL. EXCAV.
EMBANK.
BORROW
STA. YD. O'HAUL
YD MI. O'HAUL
BORR. SOURCE
7521
5257
1270
23977
39545
495


NOTE:— Poles encroaching on Right-of-Way are to be moved by owners. Fencing and Right-of-Way Markers required are tabulated on Sheet No. 2
T.5S.-R.88W.6th P.M. SECTION 33
Witness Corner
S.89°43'E. for 6181' to Closing Corner
FIRST CORRECTION LINE SOUTH
T.6S.-R.89W.6th P.M. SECTION 1
E½ of N.E.¼ of Sec. 1
FRED ALTMAN
P.I. 220+65.2
265.3' to C.C. on 11th Guide Meridian
11th Guide Meridian
North 600.3' from P.O.S.T. to Closing Cor.
R.O.W. Line
Telephone Pole
S.45°08'E.
Sta. 221+00 to 224+50 — 1350 Lin. Ft. of Intercepting Ditches Reqd. on Left — 35 Cu. Yds. Excav.
Sta. 223+00 — 24"x64' CMP. Cross Culvert Reqd. Type "A" hdwll.
Sta. 224+50 to 227+50 — 300 Lin. Ft. Intercepting Ditches Reqd. on Left — 30 Cu. Yds. Excav.
Sta. 226+00 — 24"x50' CMP. Cross Culvert Req'd. Type "A" hdwll.
Sta. 230+00 — 24"x50' CMP. Cross Culvert Reqd.
Sta. 235+00 — 24"x48' CMP. Cross Culvert Req'd. Type "A" hdwll.
Sta. 240+00 — 24"x36' CMP. Cross Culv. Reqd.
Sta. 245+50 — 24"x48' CMP. Cross Culvert Reqd.
Sta. 249+00 — 36"x42' CMP. Cross Culv. Reqd. & 10 cu. yd. Excav. for Outlet
P.C. 219+71.3
Δ 14°56' R. D. 6°. L. 93.9'. T. 46.7'. R. 716.3'
P.T. 221+58.0
Δ 36°22' L. D. 8°. T. 235.3'. L. 454.6'. R. 716.3'
P.C. 224+65.3
P.T. 229+19.9
P.C. 230+36.0
Δ 14°28' L. D. 3°30'. T. 207.8'. L. 413.3'. R. 1637.1'
P.T. 234+49.3
Δ 11°33' L. D. 3°. T. 193.2'. L. 385.0'. R. 1910.0'
P.C. 242+03.2
P.T. 245+88.2
P.C. 251+00.2
N. 87°25'E.
S.87°02'E.
S.66°34'E.
P.O.S.T.
LOT 8
LOT 9
LOT 10
T.6S.-R.88W.6th P.M. SECTION 6
WHITE RIVER NAT'L. FOREST.
¼ Line
A' LINE
East & West ¼ Line
COLORADO RIVER
P.I. 227+00.6
P.I. 232+43.8
P.I. 243+96.4
Sta. 218+74.4 — 247+50 — 2888 Lin. Ft. Wire Cable Guard Fence Reqd. on Right.
N.W.¼ of S.E.¼ of Sec. 6
B.M.— Nail in base of Tree 55' Left of Sta. 222+70 Elev. 5840.86
B.M.— Hub 25' Right of Sta. 245+80 Elev. 5835.67
5880
5870
5860
5850
5840
5830
5820
5810
200' V.C.
300' V.C.
100' V.C.
P.I. 30.37
30.51
30.76
31.77
P.I. 39.47
37.37
38.57
37.97
P.I. 33.97
34.97
34.27
34.17
P.I. 36.27
36.17
36.33
36.62
-0.14%
+1.40%
-1.00%
+0.20%
+0.70%
F.L. 26.3
F.L. 33.0
F.L. 31.1
F.L. 29.8
F.L. 31.5
F.L. 31.4
F.L. 34.8
UNCL. EXCAV.
EMBANK.
BORROW
ST. YD. OHAUL
YD. MI. OHAUL
BORR. SOURCE
14358
3092
2696
2696
220
225
230
235
240
245
250

MICROFILMED
H.E. Raubotham 10-35
H.A. Hutchinson 7-35
L.C. Finley 8-35