		A.W.	
		6004	1

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
A. W. PROJECT NO. 6004
STATE HIGHWAY NO. 13
MOFFAT COUNTY

INDEX OF SHEETS

1. TITLE SHEET
2. TYPICAL SECTION AND SUMMARY OF QUANTITIES
3&4 LIST OF STRUCTURES
5 DETAILS OF BRIDGE STA. 1012+
6 " " " STA. 1120+
7 " " " STA. 1165+
8 " " " STA. 1325+
9 " " " STA. 1394+
10 " " " STA. 1502+
11. STANDARD CONCRETE BOX CULVERT (6'·7') (6'·3') M-103-D
12 " HEADWALLS FOR C.M.P. CULVERTS M-102-E
13 " WIRE CABLE GUARD FENCE M-20-A
14 " WIRE FENCE (TR. WOOD POSTS) & MARKER POSTS M-24-F
15 " PICKET SNOW FENCE WITH STEEL POSTS M-25-B
16 " STRUCTURE NUMBER LETTERING M-10-A
17 " METHODS FOR SUPERELEVATION OF CURVES M-1-A
18. TYPICAL SIDE APPROACH ROADS-ROADWAY CONSTRUCTION-TRAFFIC SIGNS M-2-B
19-40 PLAN AND PROFILE SHEETS
41-174 CROSS SECTION SHEETS

CONVENTIONAL SIGNS

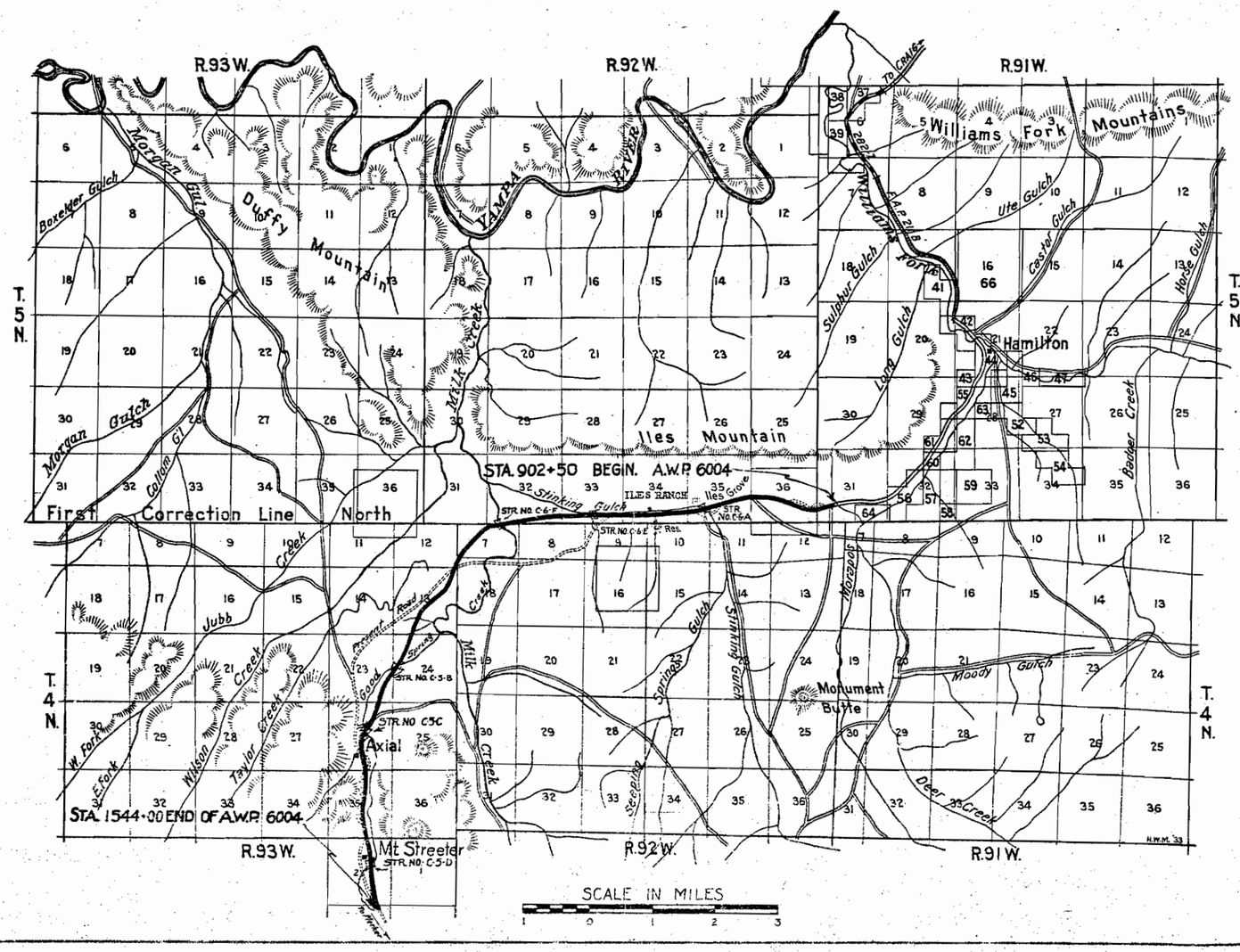
CENTER LINE OF SURVEY 750
RIGHT OF WAY LINE
SECTION LINE
ONE QUARTER SECTION LINE
TRACT LINE
TOWNSHIP LINE
FENCE LINE
POLE LINE

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 } 61,982.6 FEET = 11.739 MILES
NET LENGTH OF PROJECT }



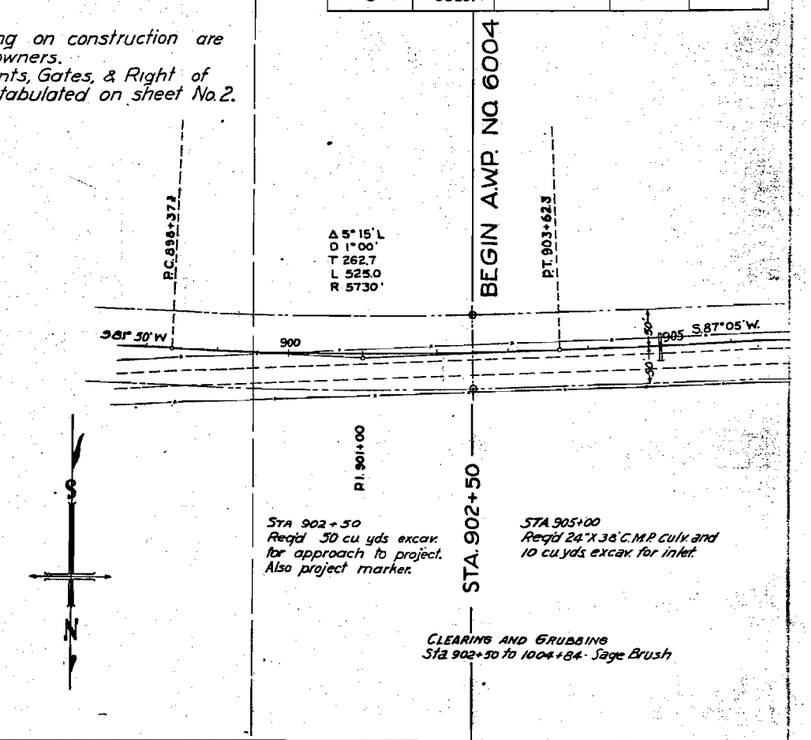
NOTE

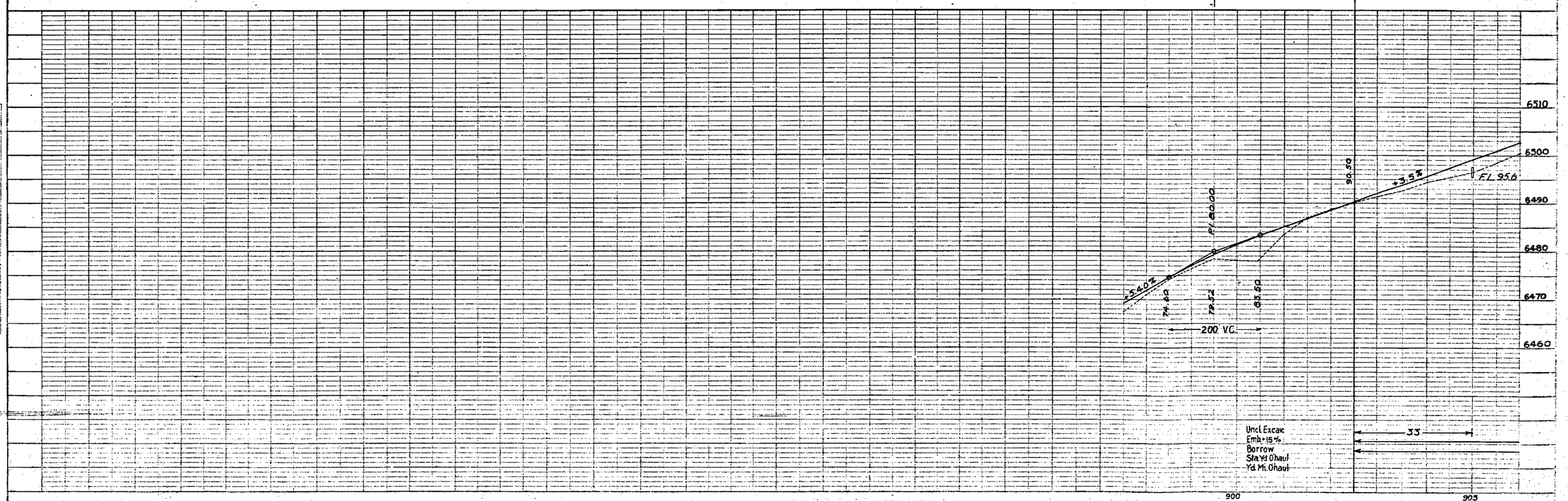
It is recommended that bidders on this project go over the plan details with one of the following field representatives of this department.
H.L. Jenness, Division Eng. Glenwood Spgs., Colo.
J. A. Burton, Meeker, Colorado

RECOMMENDED FOR APPROVAL 6/13/36
J. E. Mahoney
ASSISTANT ENGINEER
APPROVED
Chas. D. Vail
STATE HIGHWAY ENGINEER

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	19	

NOTE: All poles encroaching on construction are to be moved by owners.
Fencing requirements, Gates, & Right of Way markers are tabulated on sheet No. 2.

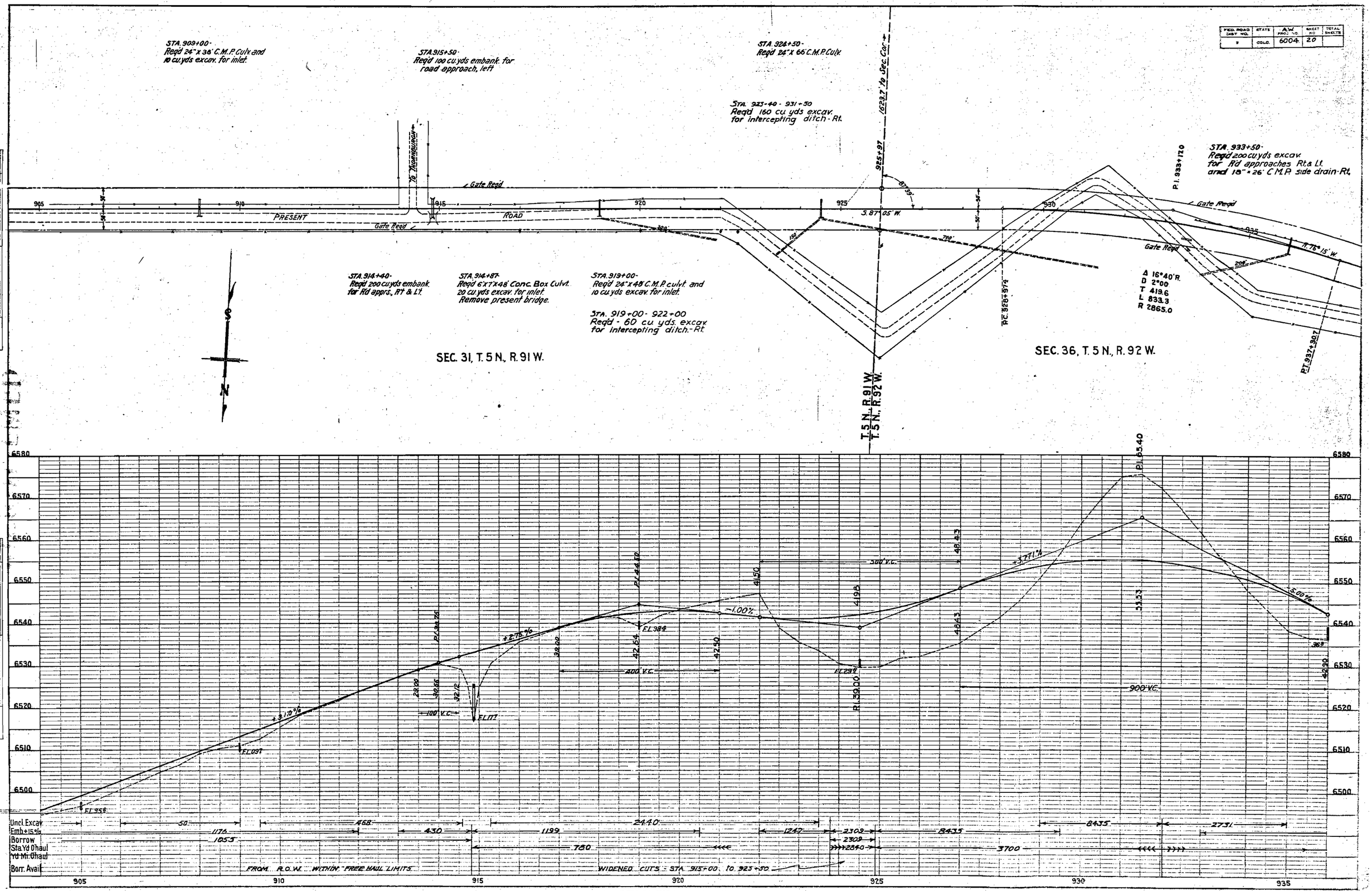




PLAN
SURVEYED
DRAWN
NOTE BOOK ALIGNMENT CHECKED
NO. RT. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
DRAWN
NOTE BOOK GRADES CHECKED
NO. STRUCTURES HYDRAULICS CHECKED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	6004	20	



PLAN
SURVEYED
PLOTTED
NOTE BOOK
CLIMAX CHECKED
RT. OF WAY CHECKED
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADE CHECKED
B. M. & NOTED
STRUCTURE NOTAT HS CH NO.
NO.
DATE
BY

PLATE 1 - PLAN-PROFILE C. P. R. & R. E. STANDARD
CENTRAL BLUEPRINT CO., NEW YORK

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	6004	21	

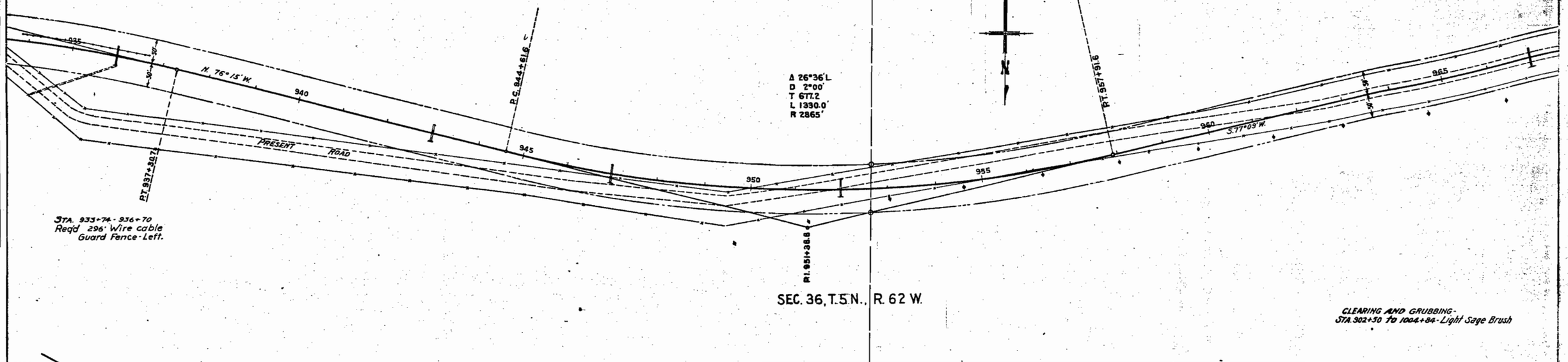
STA. 934+00 - 936+00
Req'd 40 cu. yds. excav.
for intercepting ditch - Right.

STA. 936+00 -
Req'd 36" x 42' C.M.P. Culv.

STA. 943+00 -
Req'd 24" x 38' C.M.P. Culv.

STA. 947+00 -
Req'd 24" x 38' C.M.P. culvt. and
15 cu. yds excav. for inlet
and outlet ditches.

STA. 952+00 -
Req'd 24" x 38' C.M.P. Culv. and
10 cu. yds excav. for inlet and
outlet ditches.



STA. 933+74 - 936+70
Req'd 296' Wire cable
Guard Fence - Left.

SEC. 36, T. 5 N., R. 62 W.

CLEARING AND GRUBBING -
STA. 902+50 to 1004+84 - Light Sage Brush

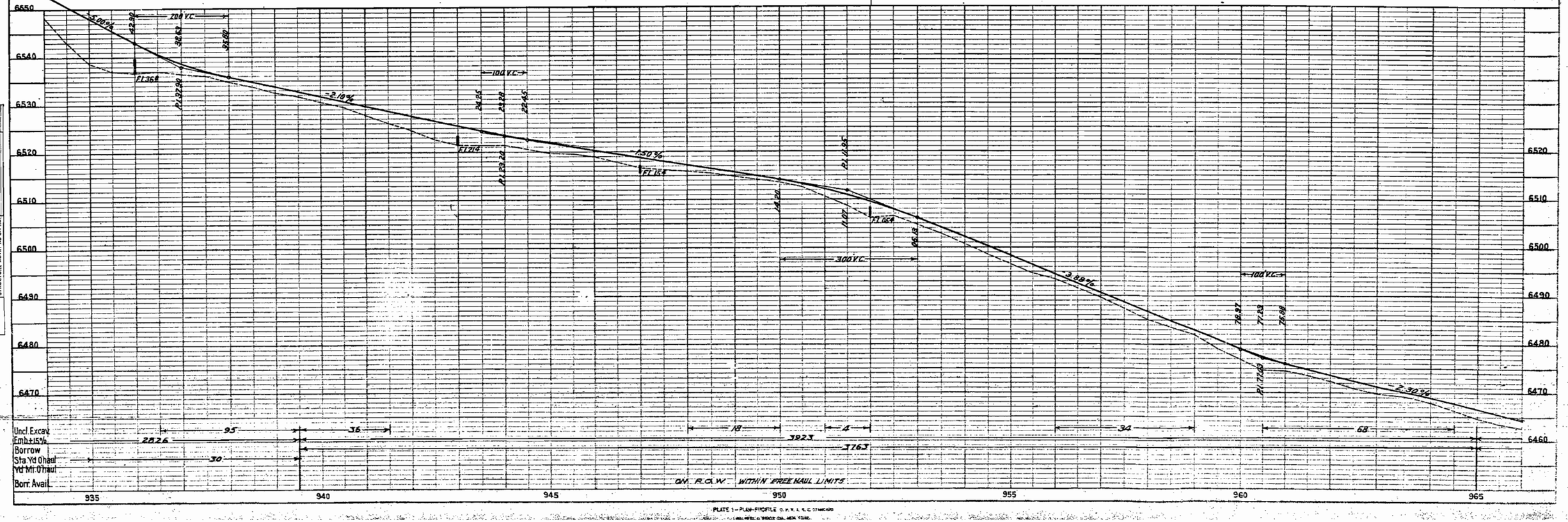


PLATE 1 - PLAN-PROFILE

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B.M. & NOTED		
	STRUCTURE NOTATIONS CH'KD.		

FED. ROAD SHEET NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	6004	22	

STA. 967+00 -
Reqd 36"x 40' C.M.P. Culv. and
30 cu.yds excav. for inlet and
outlet.

STA. 974+00 -
Reqd 24"x 40' C.M.P. Culv. and
10 cu.yds excav. for inlet and
outlet.

STA. 979+00 -
Reqd 24"x 40' C.M.P. Culv. and
10 cu.yds excav. for inlet and
outlet.

1386.6 to Sec. Cor.

979+70.5

77°52'

STA. 984+00 -
Reqd 24"x 40' C.M.P. Culv. and
10 cu.yds excav. for inlet
and outlet.

STA. 989+00 -
Reqd 24"x 40' C.M.P. Culv. and
10 cu.yds excav. for inlet and
outlet.

Gate Reqd

965 970 S. 77° 09' W. 975 980 985 990 995

50' 50' 50' 50'

Gate Reqd

STA. 985+50 -
Reqd 18"x 26' C.M.P. side drains and
50 cu.yds embank. for Road apprs. Rt. & Lt.

SEC. 36, T. 5 N., R. 92 W.

SEC. 35, T. 5 N., R. 92 W.

N

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTE & TRS. CHKD.
NOTE BOOK
NO.
BY
DATE

6470 6460 6450 6440 6430 6420 6410 6400 6390

6500 6490 6480 6470 6460 6450 6440 6400 6390

-5.30%

F.L. 56.8

59.72 57.72 53.72

P.I. 37.48

-3.73%

200' V.C.

P.I. 35.10

38.69 F.L. 39.3 34.78

90.10

200' V.C.

F.L. 11.5

-5.00%

95.10

400' V.C.

95.10 85.90

-3.00%

F.L. 86.6

P.I. 85.10

78.90

-3.40%

F.L. 68.2

100' V.C.

63.40 61.91 59.65

P.I. 61.90

-3.30%

F.L. 42.2

Uncl. Excav.
Emb. +15%
Borrow
Sta. Yd. Haul
Yd. Mi. Haul
Borr. Avail.

5300
5300

ON R.O.W. WITHIN FREE HAUL LIMITS

965 970 975 980 985 990 995

PLATE 1 - PLAN - PROFILE U. P. R. R. C. STANDARD

FED. ROAD DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	23	

STA. 996+00-
Reqd 24"x 40' C.M.P. culvt. and 10 cu yds excav. for inlet and outlet.

STA. 1000+00-
Reqd 18"x 26' C.M.P. side drain, Lt. and 100 cu yds embank. for road approaches. Rt. & Lt.

STA. 1004+00-
Reqd 18"x 26' C.M.P. side drain, Lt. and 100 cu yds embank. for Rd approach. Lt.

Sta. 1006+30-
Reqd 10 cu yds excav for outlet ditch. Left.

STA. 1007+70-
Reqd 100 cu yds embank. for road approach on left.

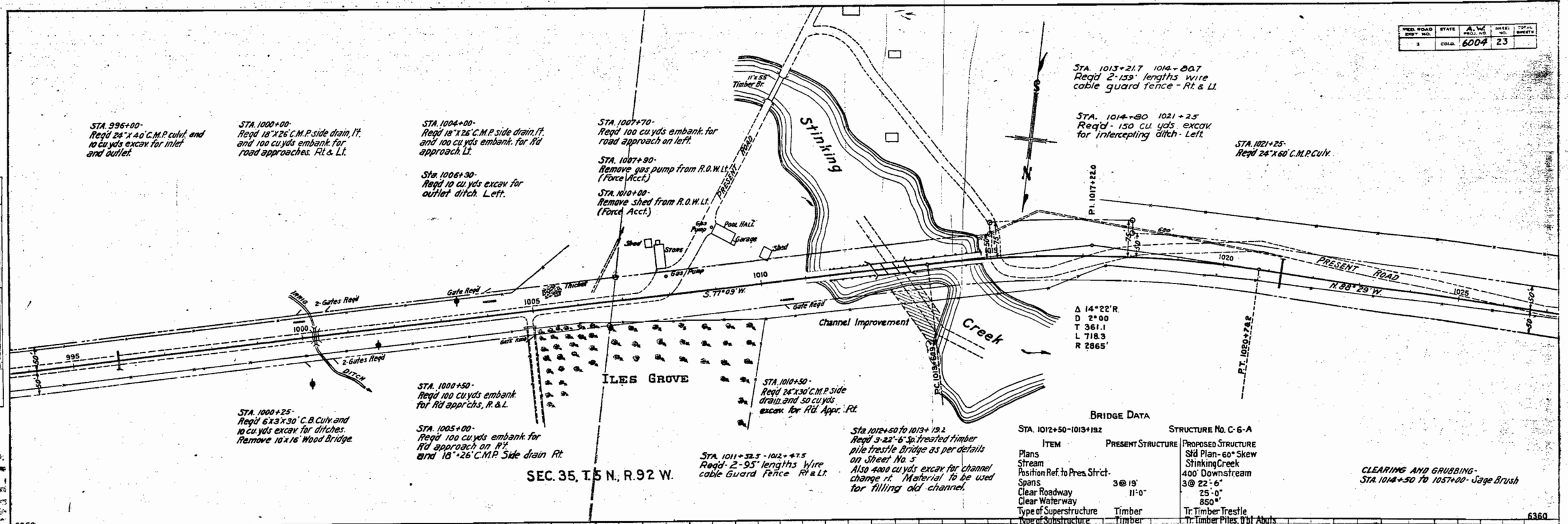
STA. 1007+90-
Remove gas pump from R.O.W. Lt. (Force Acct.)

STA. 1010+00-
Remove shed from R.O.W. Lt. (Force Acct.)

STA. 1013+21.7 1014+80.7
Reqd 2-139' lengths wire cable guard fence - Rt. & Lt.

STA. 1014+80 1021+25
Reqd - 150 cu yds excav. for intercepting ditch - Left.

STA. 1021+25-
Reqd 24"x 60' C.M.P. Culv.



STA. 1000+25-
Reqd 6'x 3'x 30' C.B. Culv. and 10 cu yds excav. for ditches. Remove 10'x 16' Wood Bridge.

STA. 1000+50-
Reqd 100 cu yds embank. for Rd approach chs. R. & L.

STA. 1005+00-
Reqd 100 cu yds embank. for Rd approach on Rt. and 18"x 26' C.M.P. Side drain Rt.

SEC. 35, T. 5 N., R. 92 W.

STA. 1010+50-
Reqd 24"x 30' C.M.P. side drain and 50 cu yds excav. for Rd. Appr. Rt.

STA. 1011+52.5 - 1012+47.5
Reqd - 2-95' lengths Wire cable Guard Fence Rt. & Lt.

Sta. 1012+50 to 1013+19.2
Reqd 3-22'-6" Sp. treated timber pile trestle Bridge as per details on Sheet No. 5
Also 4000 cu yds excav. for channel change rt. Material to be used for filling old channel.

CLEARING AND GRUBBING-
STA. 1014+50 TO 1057+00- Sage Brush

BRIDGE DATA

STA. 1012+50-1013+19.2 — STRUCTURE No. C-6-A

ITEM	PRESENT STRUCTURE	PROPOSED STRUCTURE
Plans		Std Plan - 60° Skew
Stream		Stinking Creek
Position Ref. to Pres. Str'ct.		400' Downstream
Spans	3 @ 19'	3 @ 22'-6"
Clear Roadway	11'-0"	25'-0"
Clear Waterway		850 ■'
Type of Superstructure	Timber	Tr. Timber Trestle
Type of Substructure	Timber	Tr. Timber Piles, Dbl Abuts.
Detour Requirements		
R.R. Siding		Craig
Haul to Bridge Site		20 Miles
Removal Requirements		

STREAM DATA

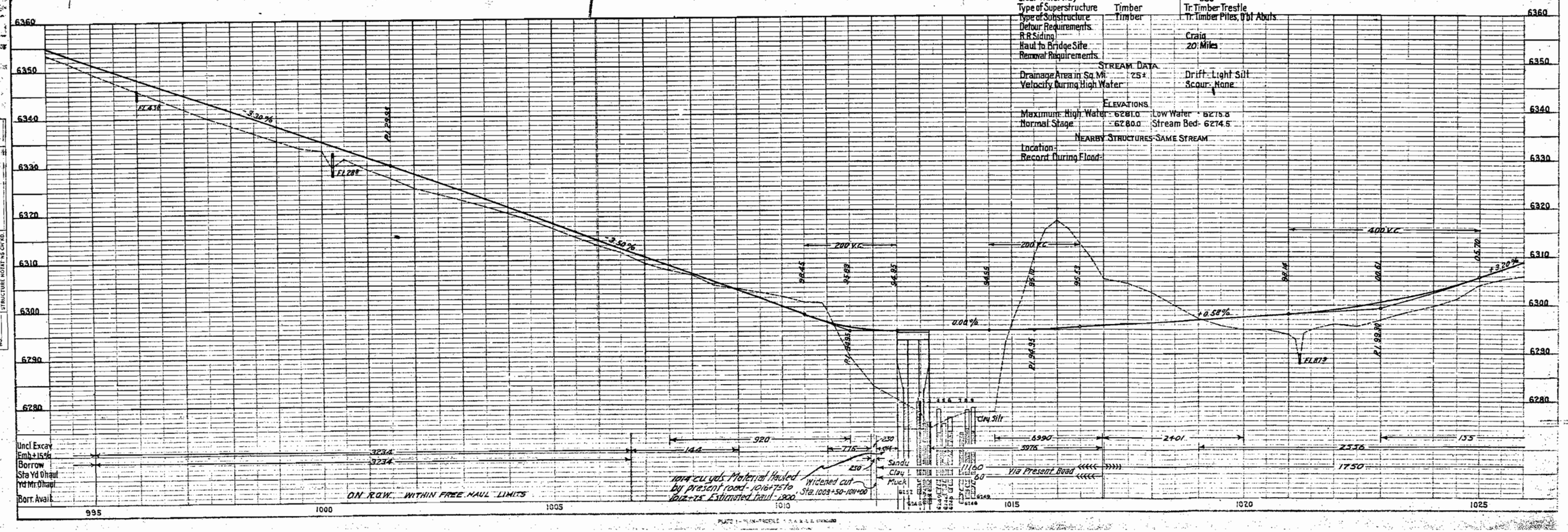
Drainage Area in Sq. Mi.	25±	Drift - Light Silt
Velocity During High Water		Scour - None

ELEVATIONS

Maximum High Water	6281.0	Low Water	6215.8
Normal Stage	6280.0	Stream Bed	6274.5

NEARBY STRUCTURES-SAME STREAM

Location-
Record During Flood-



PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, RT. OF WAY CHECKED, STRUCTURE NOTATIONS CH'KD. — NOTE BOOK, NO.

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	COLO.	6004	24	

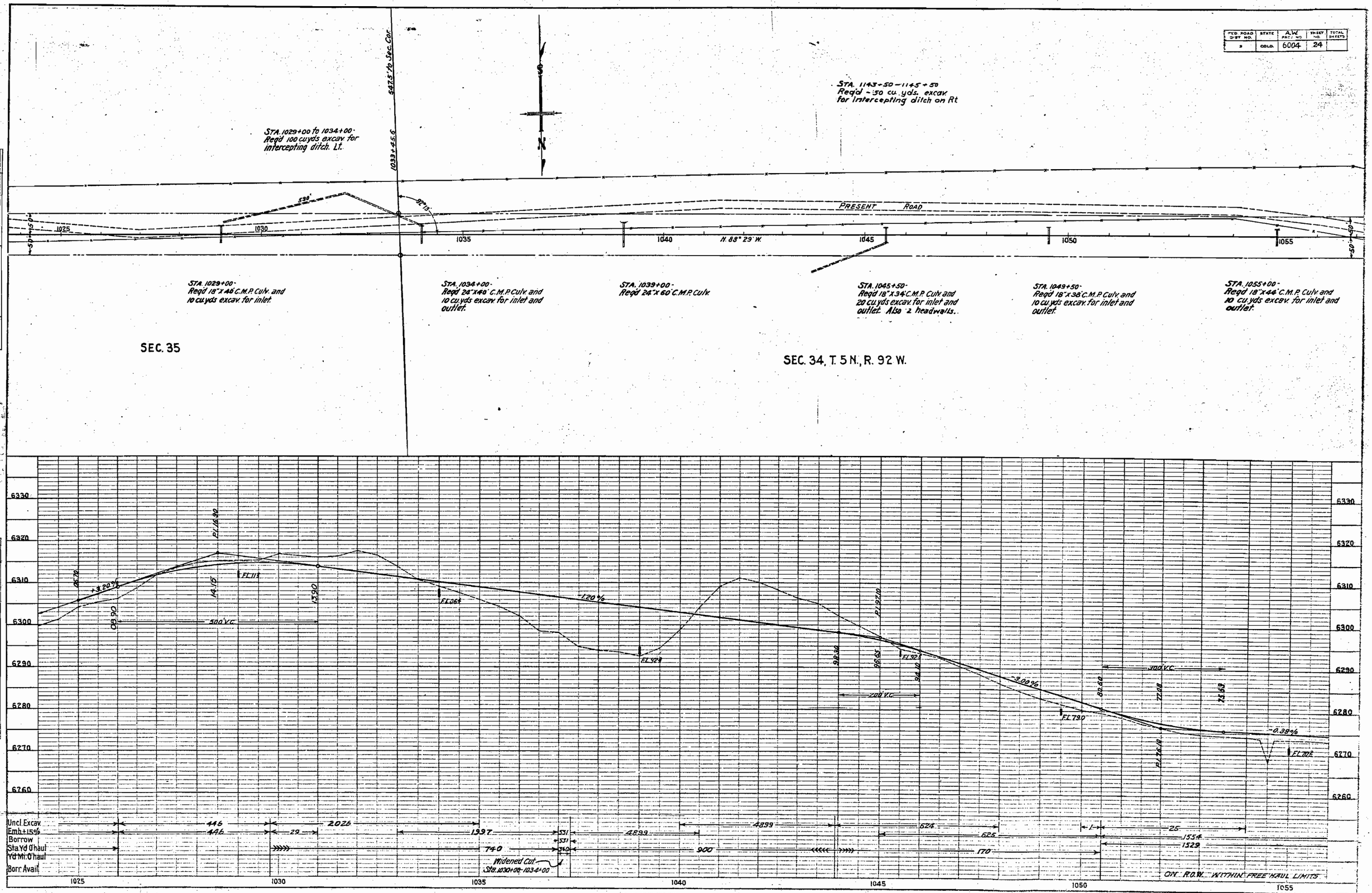
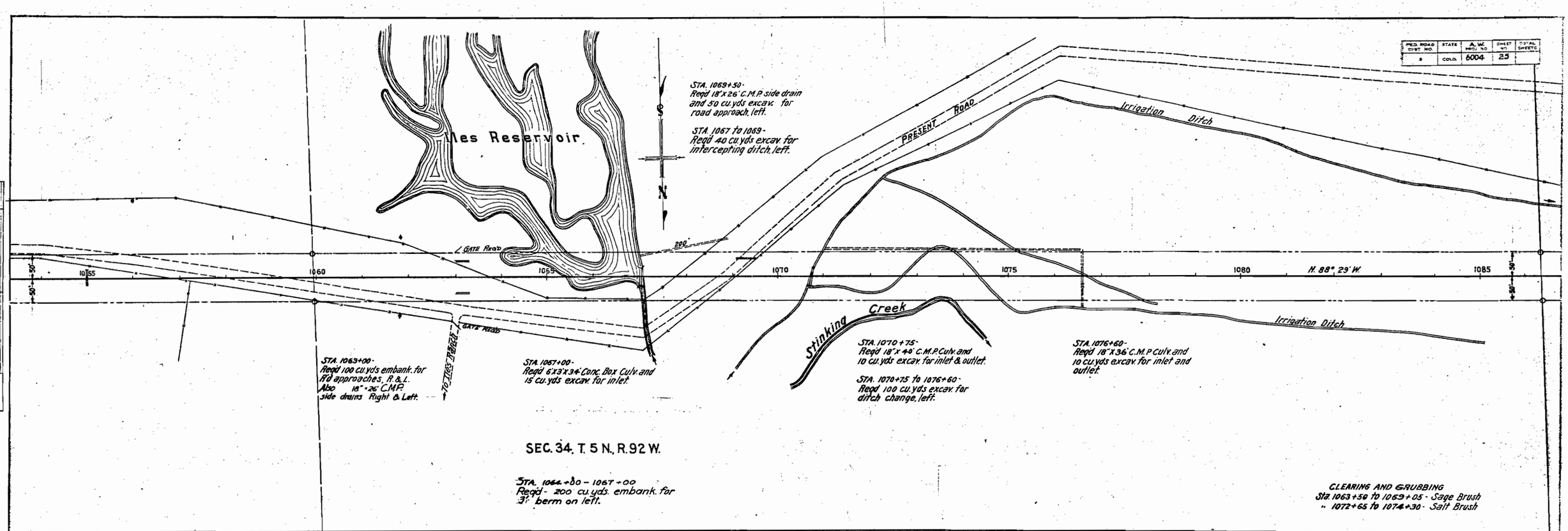


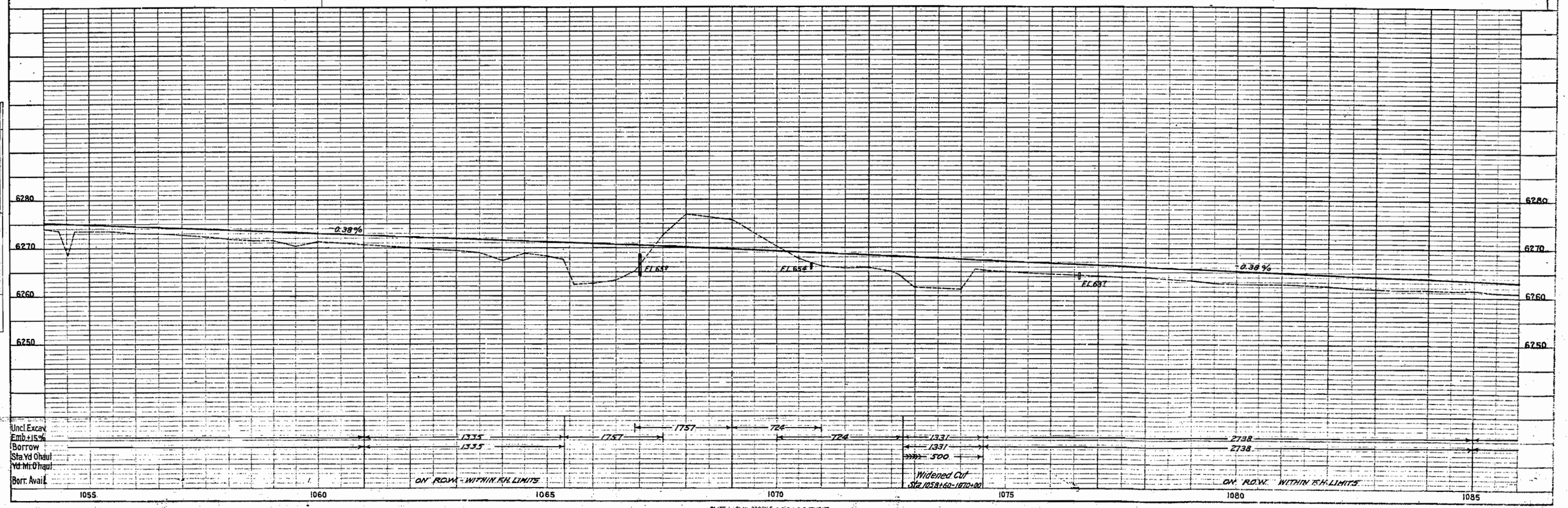
PLATE 1 — PLAN-PROFILE O. P. D. & R. E. STANDARD

KEUFFEL & ESSER CO., U.S.A. (COLO.)

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	23	



PLAN — SURVEYED, PLOTTED, CURVES CHECKED, RT. OF WAY CHECKED, NOTE BOOK NO., BY, DATE



PROFILE — SURVEYED, PLOTTED, CURVES CHECKED, IS M.S. NOTED, STRUCTURE NOTATIONS CH'KD., NOTE BOOK NO., BY, DATE

PLATE 1 - PLAN-PROFILE O.F.R. & R.E. STANDARD

REPRODUCED BY HUNTER & SONS CO., NEW YORK

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	6004	26	

SEC. 33, T. 5 N., R. 92 W.

SEC. 34

663.7' to Sec. Cor.

1086+34.8

STA. 1088+25 -
Reqd 100 cu. yds embank. for Rd approchs, R. & L.

Irrigation Ditch

Gate Reqd

Gate Reqd

1085 1090 1095 1100 N. 88°29' W. 1105

P.C. 1105+67.8

Δ 9°42' L
D 1°00
T 486.2
L 970.0
R 5730'

STA. 1110+40-1114+
Reqd + 1500 cu. yds. excav. for ditch change on left. Included for payment in profile quantities as excavation.

PT. 1115+37.3 Back
1115+41.3 Ahead

DITCH CHANGE

1115

P.T. 1110+33.5

CHANNEL CHANGE

Stinking Creek

STA. 1088+00 -
Reqd 24" x 44' C.M.P. Culv and 30 cu. yds excav. for inlet and outlet.

STA. 1090+60 -
Reqd 18" x 36' C.M.P. Culv and 5 cu. yds excav. for inlet and outlet.

STA. 1107+50 — 1109+90
Reqd 600 cu. yds. excav for channel change on right. Material to be used to dam old channel.

STA. 1109+25 -
Reqd 36" x 58' C.M.P. Culv and 30 cu. yds excav. for inlet and outlet.

CLEARING AND GRUBBING
STA. 1100+00 to 1106+00 - Salt Brush

EQUATION

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE

6280 6270 6260 6250 6240

P.C. 60.90

-0.38%

FL 56.8

FL 58.5

61.09 62.80 62.65

100' V.C.

-0.50%

200' V.C.

54.40 54.09 53.90

P.C. 53.90

0.00%

P.C. 53.70

-0.685%

FL 43.2

53.90 53.73 53.22

200' V.C.

53.39 53.19

1115+37.3 Back
1115+41.3 Ahead

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CH'KD.
NOTE BOOK
NO.
BY
DATE

| | | |

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	27	

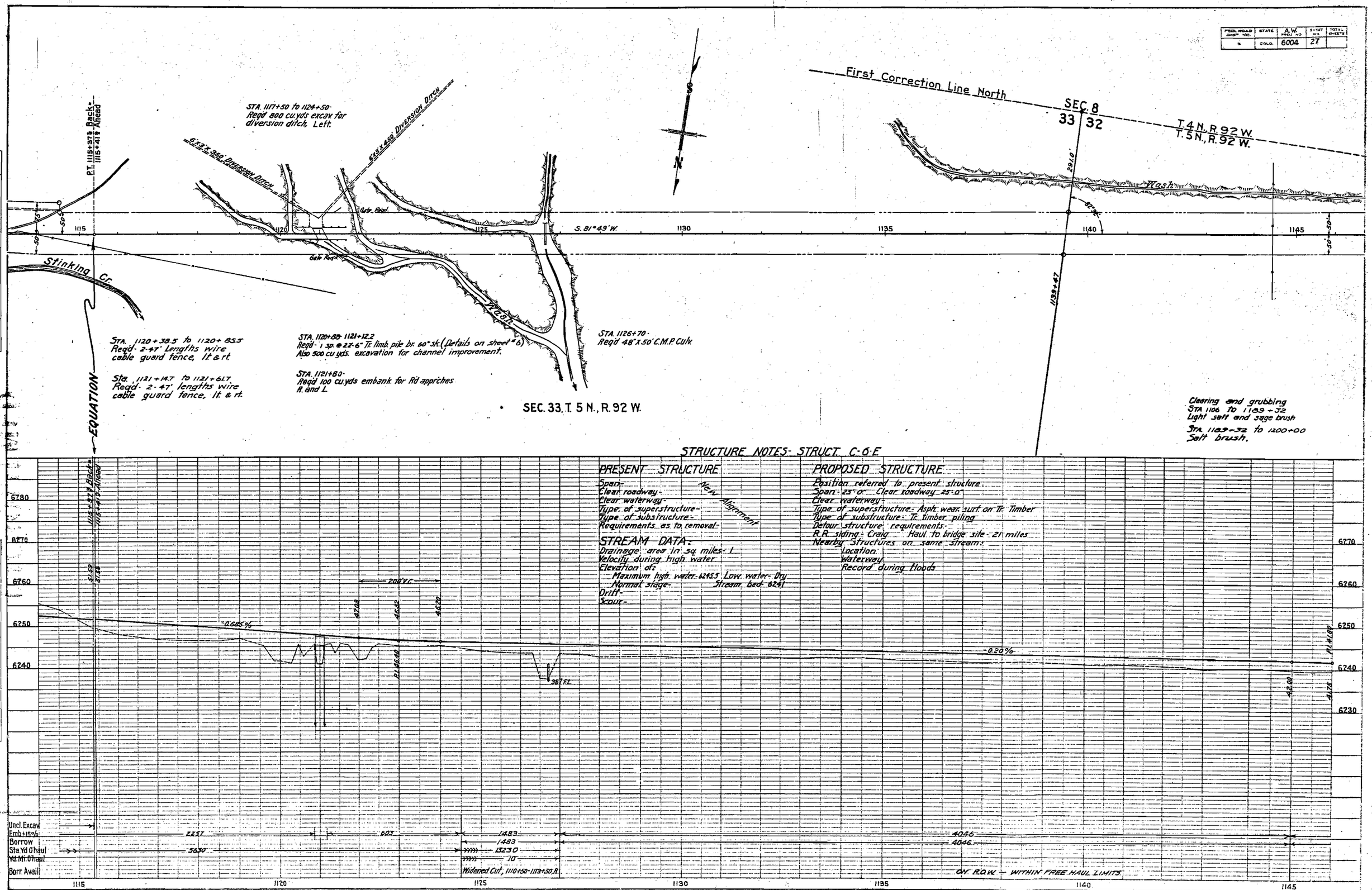


PLATE 1—PLAN-PROFILE G.P. & R. & R.E. STANDARD

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	6004	28	

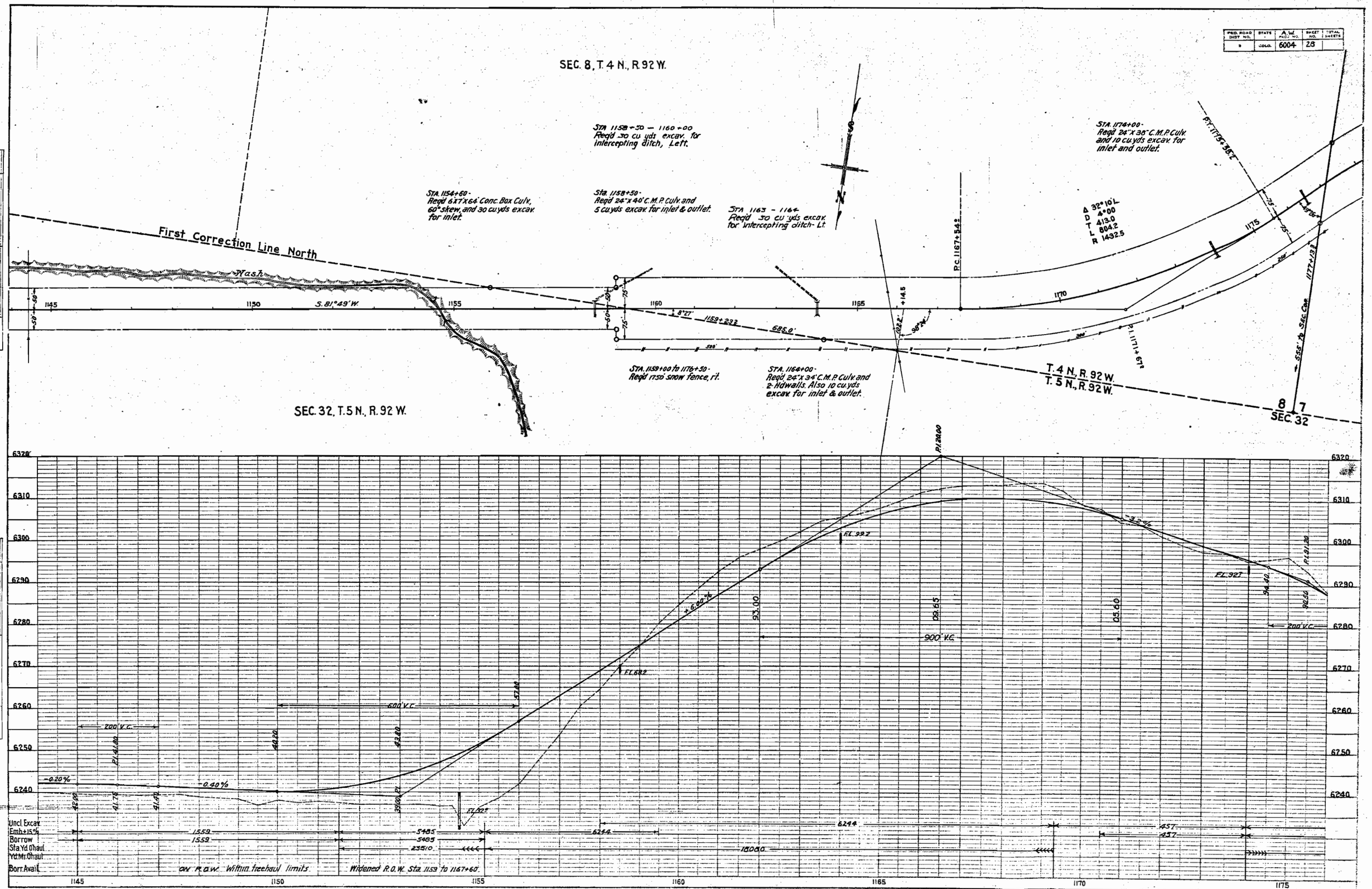


PLATE 1—PLAN-PROFILE C. F. & S. & R. E. STANDARD

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	29	

SEC. 7, T. 4 N., R. 92 W.

Δ 32°10' L
D 4°00'
T 413.0
L 804.2
R 1432.5

P.T. 1175+58.8

STA. 1176+50-
Reqd 24"x36' C.M.P. Culv. and 10 cu. yds excav. for inlet and outlet.

STA. 1181+92.5 - 1185+48.5
Reqd - 2 - 351' lengths wire cable guard fence, lt. & rt.

STA. 1186+45.2 - 1187+08.2
Reqd - 2 - 63' lengths wire cable guard fence, lt. & rt.

STA. 1189+00-
Reqd 24"x42' C.M.P. Culv. and 5 cu. yds excav. for ditch.

Milk Cr.

Gate Reqd.

49°26'

1175 1180 1185 1190 1195 1200 1205

S. 49°39' W.

Channel Improvement

Lateral

DITCH CHANGE

IRRIG. DITCH

P.O.T. 1206+81.8

P.C. 1206+44.8

49°53'

75'

STA. 1177+13.8

S 65.5' to Sec. Cor.

STA. 1179+41-
Reqd 24"x42' C.M.P. Culv. and 5 cu. yds excav. for inlet.

STA. 1180+00-
Reqd 18"x30' C.M.P. side drain, rt. and 100 cu. yds embank. for road approaches. rt. & lt.

STA. 1194+00-
Reqd 24"x36' C.M.P. Culv. and 10 cu. yds excav. for inlet and outlet.

STA. 1192+50 to 1194+70-
Reqd 50 cu. yds excav. for ditch change, rt.

STA. 1196+50-
Reqd 6'x7'x32' Conc. Box Culv. and 25 cu. yds excav. for inlet.

STA. 1200+00-
Reqd 18"x30' C.M.P. side drain, rt. and 100 cu. yds embank. for Rd. appr'chs, rt. & lt.

STA. 1202+00-
Reqd 36"x44' C.M.P. Culv. and 5 cu. yds excav. for inlet.

Sta. 1185+51 to 1186+42.7
Reqd 4-Sp-22' 6" treated timber pile trestle Bridge as per details on Sheet No. 6
Also 2000 cu. yds excav. for channel change, material to be used for filling old channel.

Bridge Data

STA. 1185+51 - 1186+42.70 — Structure No. C-6-F

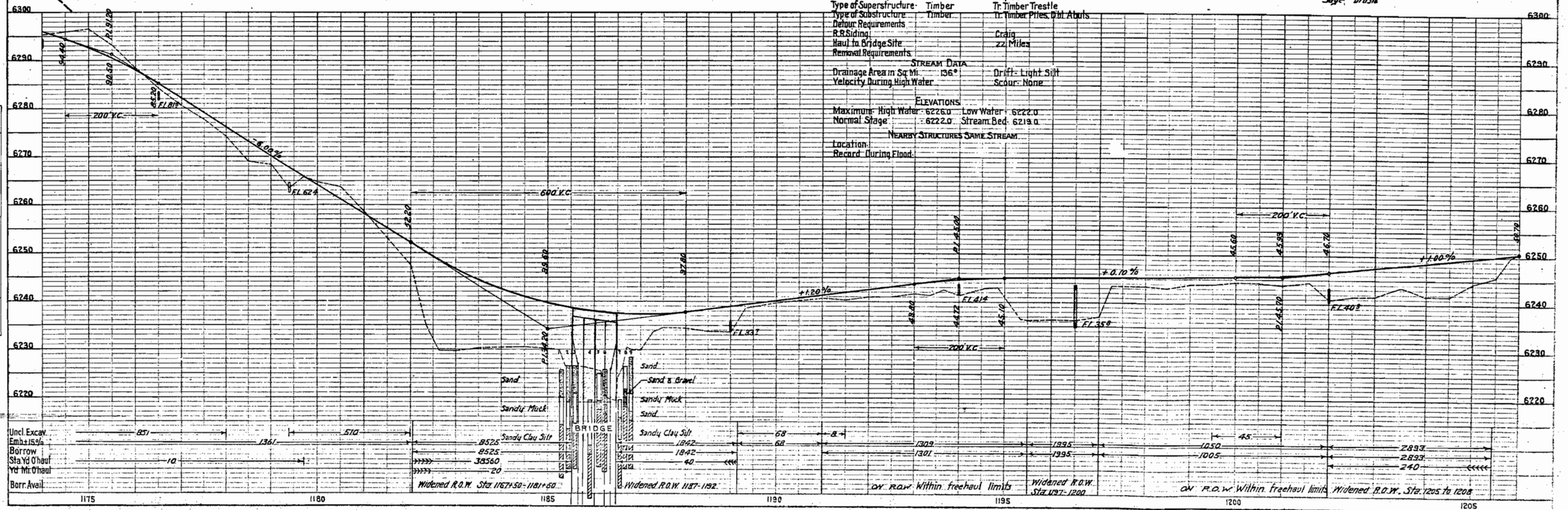
Item	Present Structure	Proposed Structure
Plans		Std Plan- 60° Skew
Stream		Milk Creek
Position Ref. to Pres. Str'ct.		1000' Downstream
Spans	- 2@19'	4@22' 6"
Clear Roadway	16-0"	25-0"
Clear Waterway	130°	1,750°
Type of Superstructure	Timber	Tr. Timber Trestle
Type of Substructure	Timber	Tr. Timber Piles, Bbt. Abuts.
Detour Requirements		
R.R. Siding		Craig
Haul to Bridge Site		22 Miles
Removal Requirements		

Stream Data
Drainage Area in Sq. Mi. 136° — Drift- Light Silt
Velocity During High Water — Scour- None

Elevations
Maximum High Water 6226.0 — Low Water 6222.0
Normal Stage 6222.0 — Stream Bed 6219.0

Nearby Structures Same Stream
Location
Record During Flood

Clearing and grubbing
STA. 1201+30 - 1203+10
Sage brush



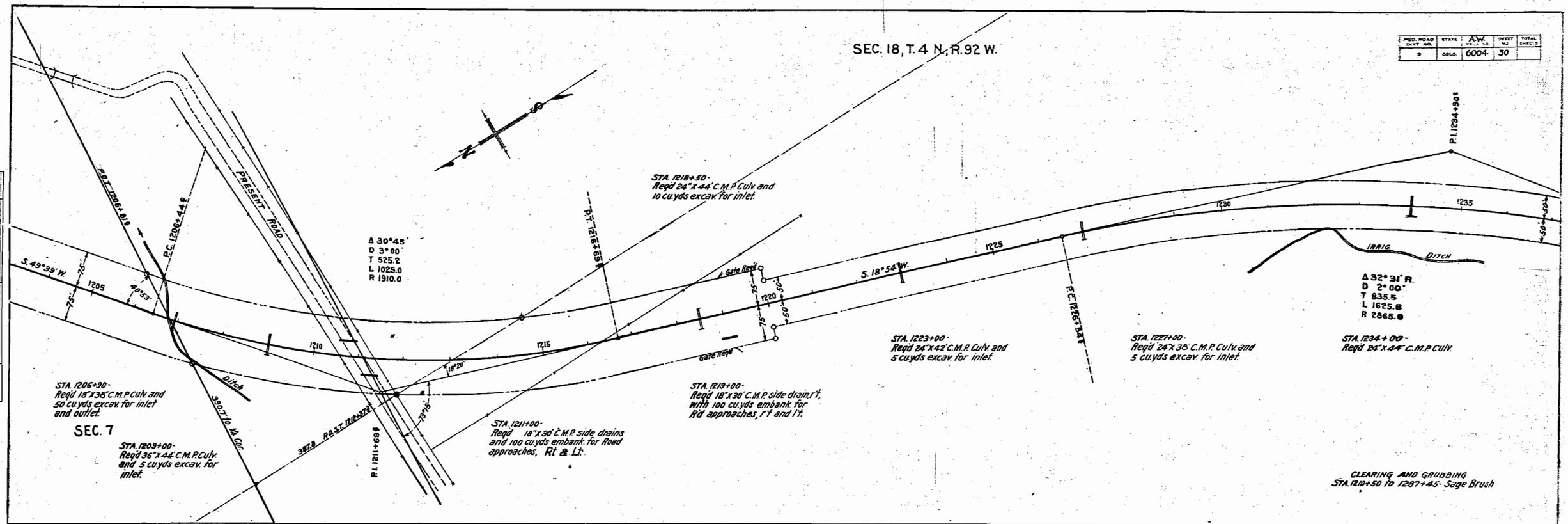
PLAN — Surveyed, Plotted, Alignment Checked, Note Book No., Bk. of Mat. Checked

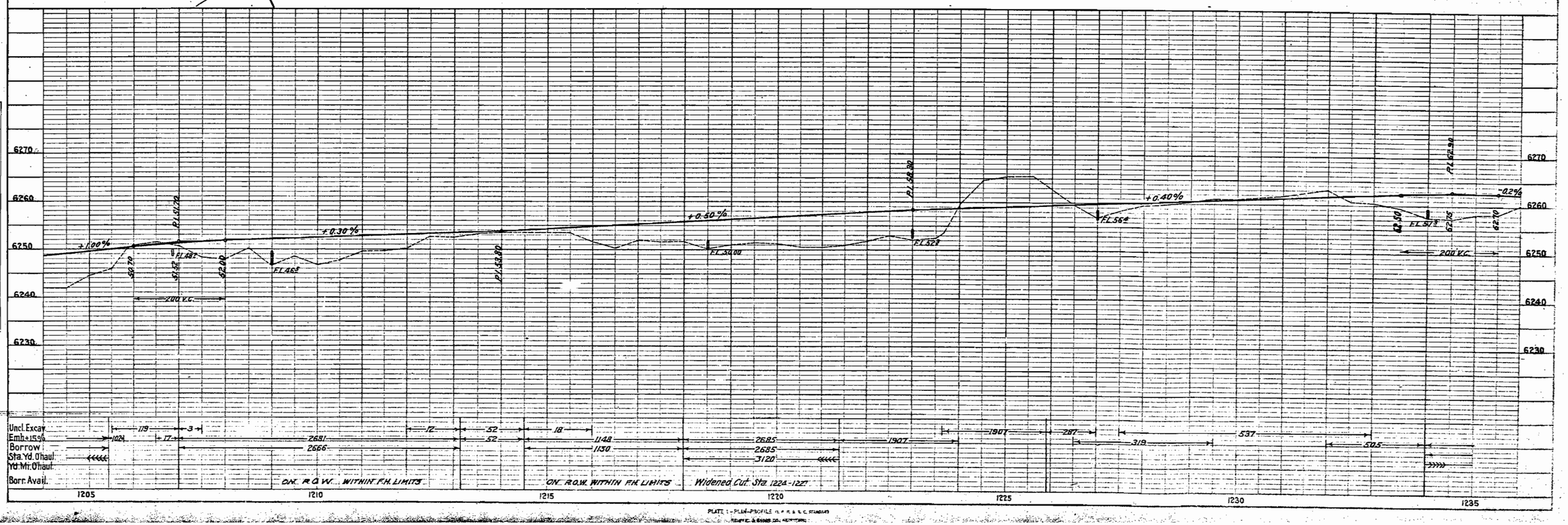
PROFILE — Surveyed, Plotted, Grades Checked, Note Book No., Structure Notations Ch'kd.

PLATE 1—PLAN-PROFILE

PROJ. ROAD SHEET NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	30	

SEC. 18, T. 4 N., R. 92 W.





PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, PLANS PREPARED, STRUCTURE NOTATIONS CH'KD. — NOTE BOOK NO. — BY — DATE

PLATE 1 - PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	ALWC PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	6004	31	-

SEC. 18, T. 4 N., R. 92 W.

STA. 1237+50 - Reqd 6'x7'x32' Conc. Box Culv. and 50 cu. yds excav. for inlet and outlet.

STA. 1240+50 - Reqd 50 cu. yds embank. for Road approach on L.t.

STA. 1248+50 - Reqd 24"x40' C.M.P. Culv. and 5 cu. yds excav. for inlet.

STA. 1258+00 1259+20 Reqd 275 cu. yds. of heavy Rip Rap Lt. to be used on dike embankment.

STA. 1255+50 to 1258+50 - Reqd 1700 cu. yds excav. for channel change. Lt. Material to be used for dike and filling old channel.

STA. 1249+00 - Reqd 50 cu. yds embank. for Rd approach on Rt.

STA. 1253+50 - Reqd 24"x50' C.M.P. Culv. and 20 cu. yds excav. for inlet.

STA. 1256 to 1261 - Reqd 200 cu. yds excav. for intercepting ditch, Rt.

STA. 1255+95 - Reqd 36"x50' C.M.P. Culv, 80° skew, and 20 cu. yds excav. for outlet. 2 head walls.

STA. 1256+30 - Reqd 36"x76' C.M.P. Culv. and 5 cu. yds excav. for inlet.

STA. 1256+20 1258+84 Reqd 264' wire cable guard fence - Left.

STA 1263+00 1267+00 Reqd - 80 cu. yds. excav. for intercepting ditch Rt.

STA. 1261+20 - Reqd 36"x48' C.M.P. Culv, 70° skew, and 20 cu. yds excav. for inlet.

STA. 1264+25 - Reqd 30"x62' C.M.P. Culv, and 5 cu. yds excav. for inlet.

STA. 1263+50 1265+02 Reqd 152' wire cable guard fence on Lt.

SEC. 13, T. 4 N., R. 93 W.

T. 4 N., R. 92 W.
T. 4 N., R. 93 W.

Good Spring Creek

Channel Change

Dike

Rip Rap

Prune

Gate Reqd

Irrig. Ditch

Intercepting Ditch

Ditch

P.I. 1234+90

P.C. 1254+03.7

P.T. 1264+03.7

P.T. 1242+80.3

P.I. 1259+50

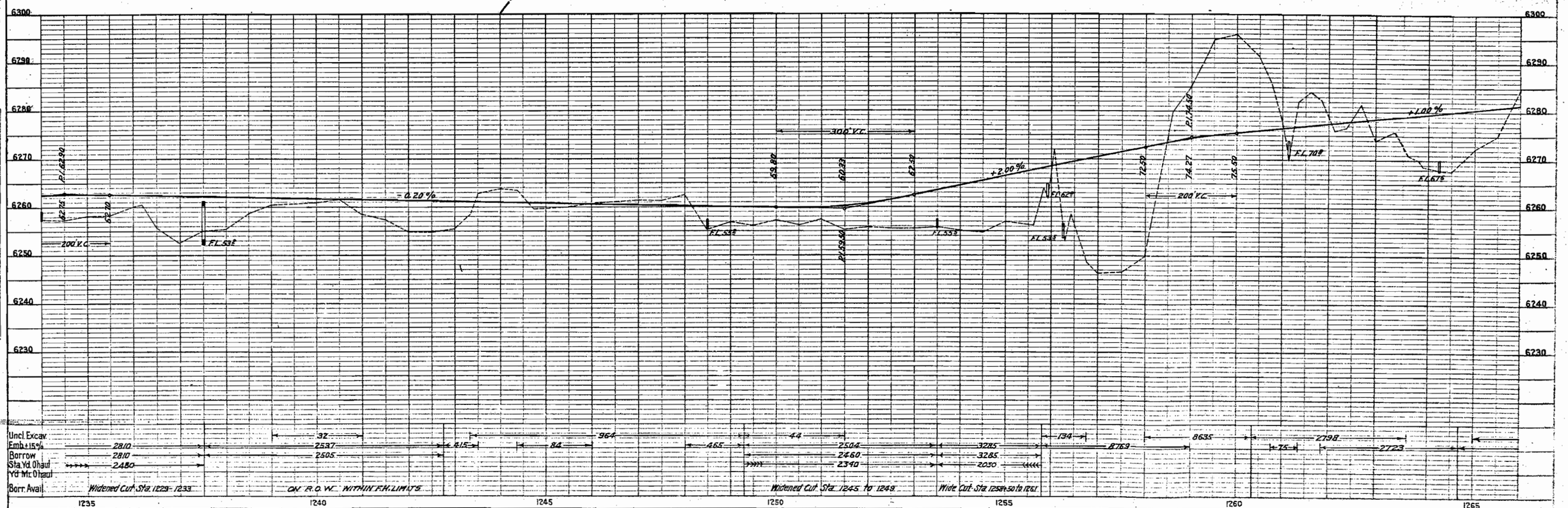
S. 51° 25' W.

S. 41° 25' W.

51°04'

Δ 32°31' R.
D 2°00
T 835.5
L 1625.8
R. 2865.0

Δ 10°00' L.
D 1°00
T 501.3
L 1000'
R 5730'

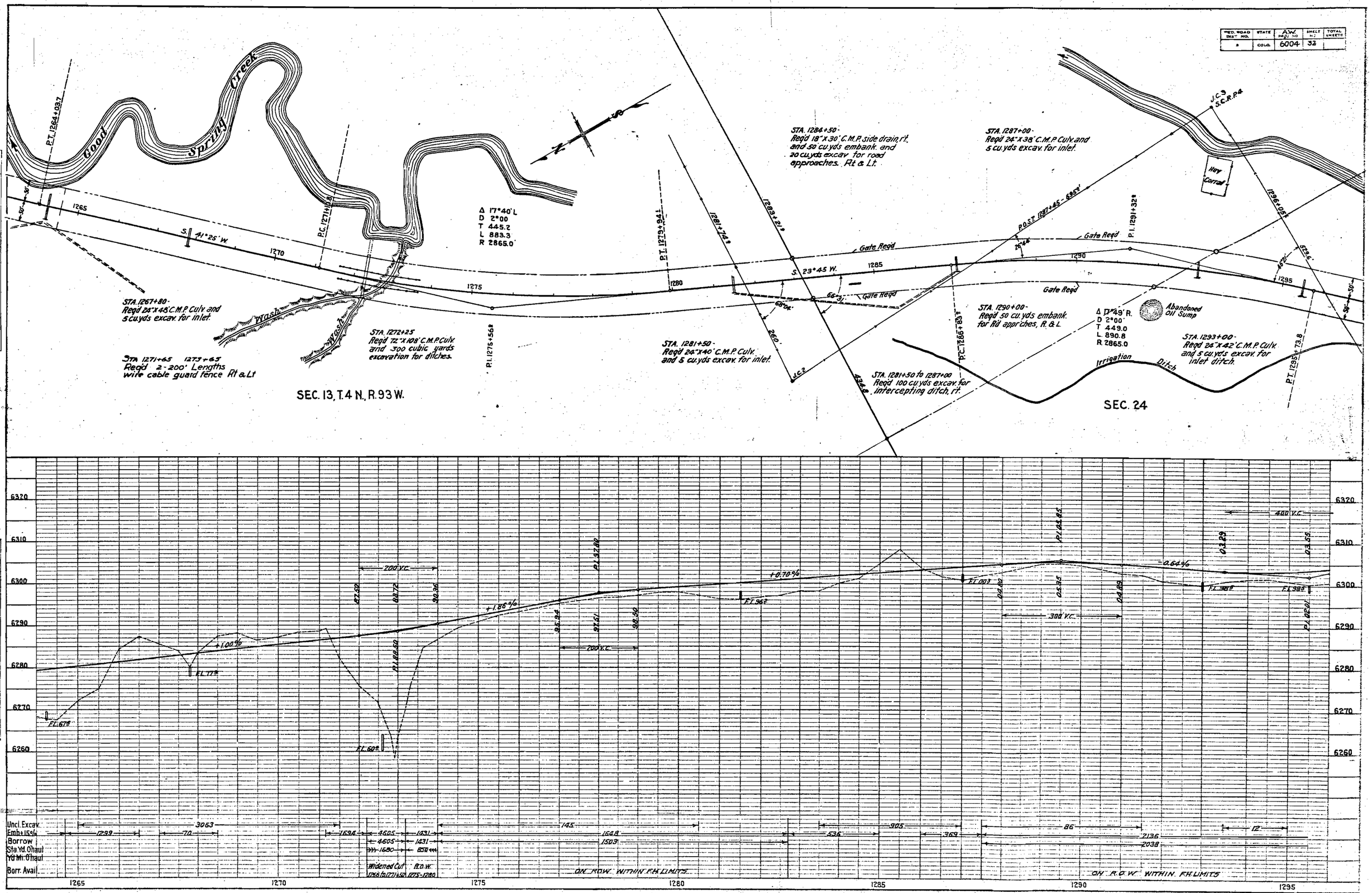


PLAN
SURVEYED
PLOTTED
NOTE BOOK AUTHORITY CHECKED
NO. RT. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
NO. & W.S. NOTED
STRUCTURE NOTATIONS CH'KD.
BY
DATE

PLATE 1—PLAN-PROFILE C. P. & W. C. C. STANDARD
SCHAFER & EBERT CO., NEW YORK.

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	6004	32	

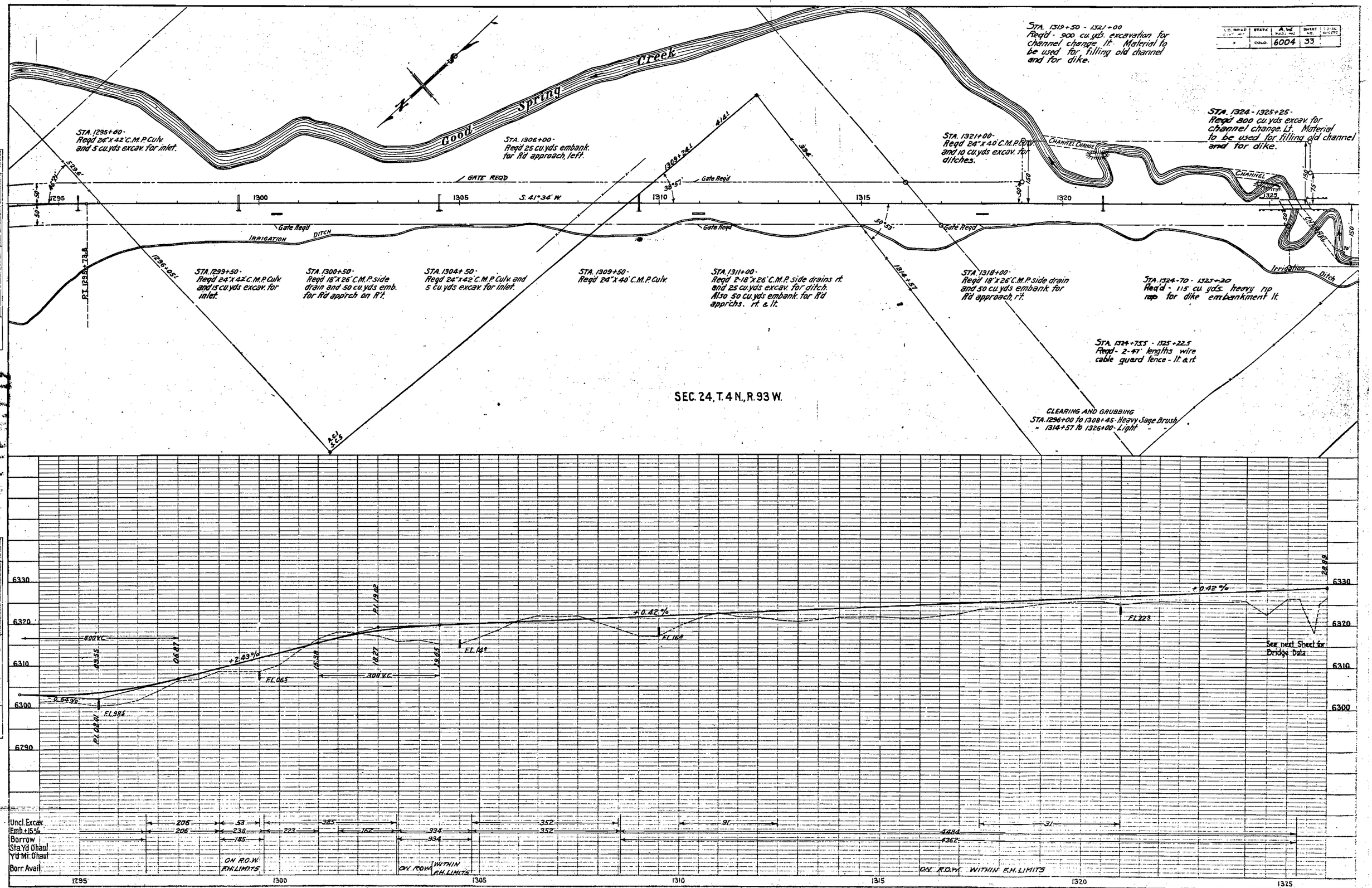


PLAN — SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ P.I.'S MAY CHECKED ___ NOTE BOOK ___ NO. ___ BY ___ DATE ___

PROFILE — SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B.M.'S NOTED ___ STRUCTURE NOTATIONS CH'KD ___ NOTE BOOK ___ NO. ___ BY ___ DATE ___

PLATE 1 - PLAN-PROFILE O. P. R. & R. STANDARD

U.S. INDIAN SERVICE	STATE	A.W.P. PROJ. NO.	SHEET NO.	TOTAL SHEETS
	COLO.	6004	33	

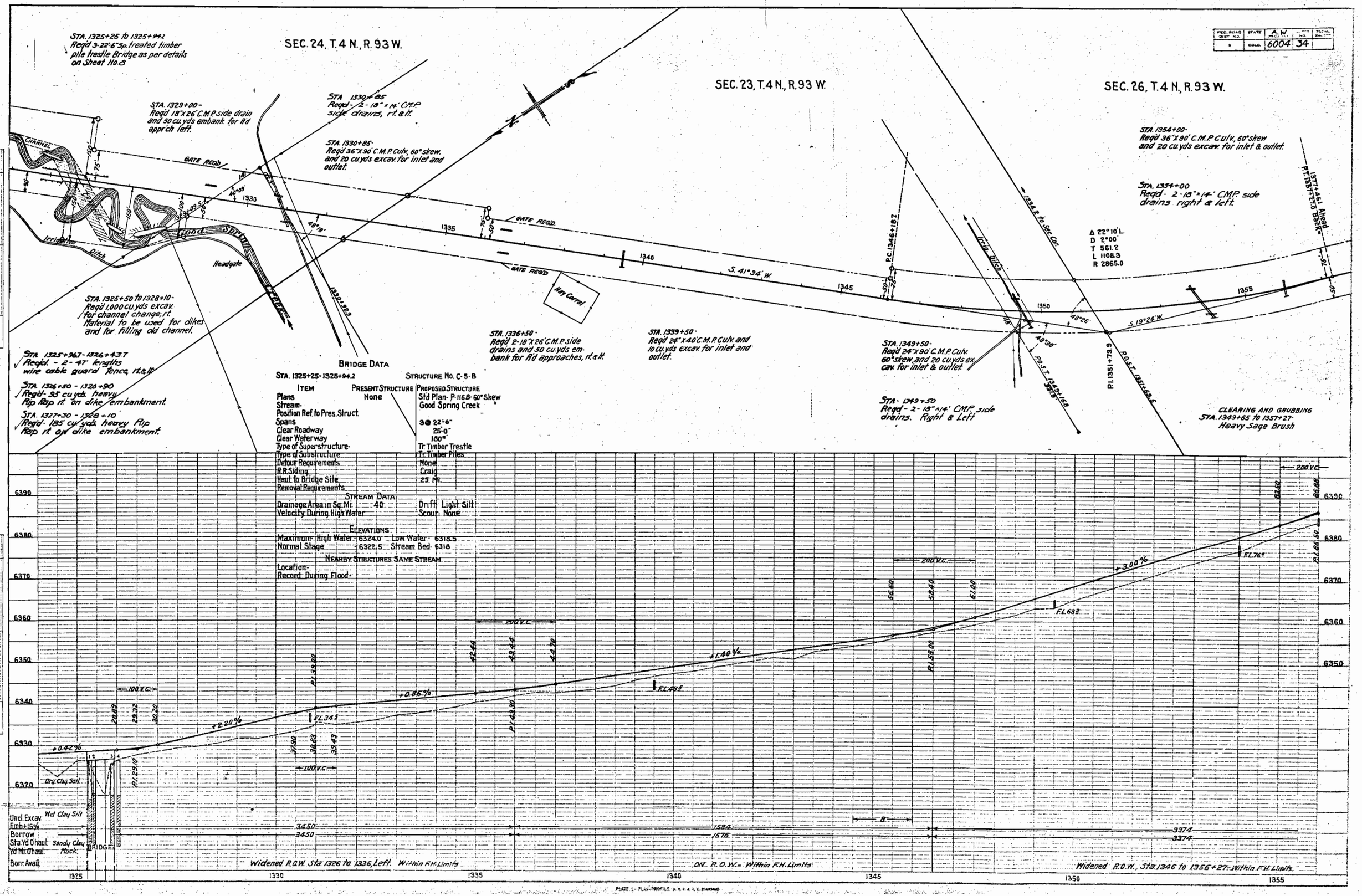


PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF WAY CHECKED

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
B. M.'S NOTED
STRUCTURE NOTAT'NS CH'KD.

PLATE 1 - PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	34	

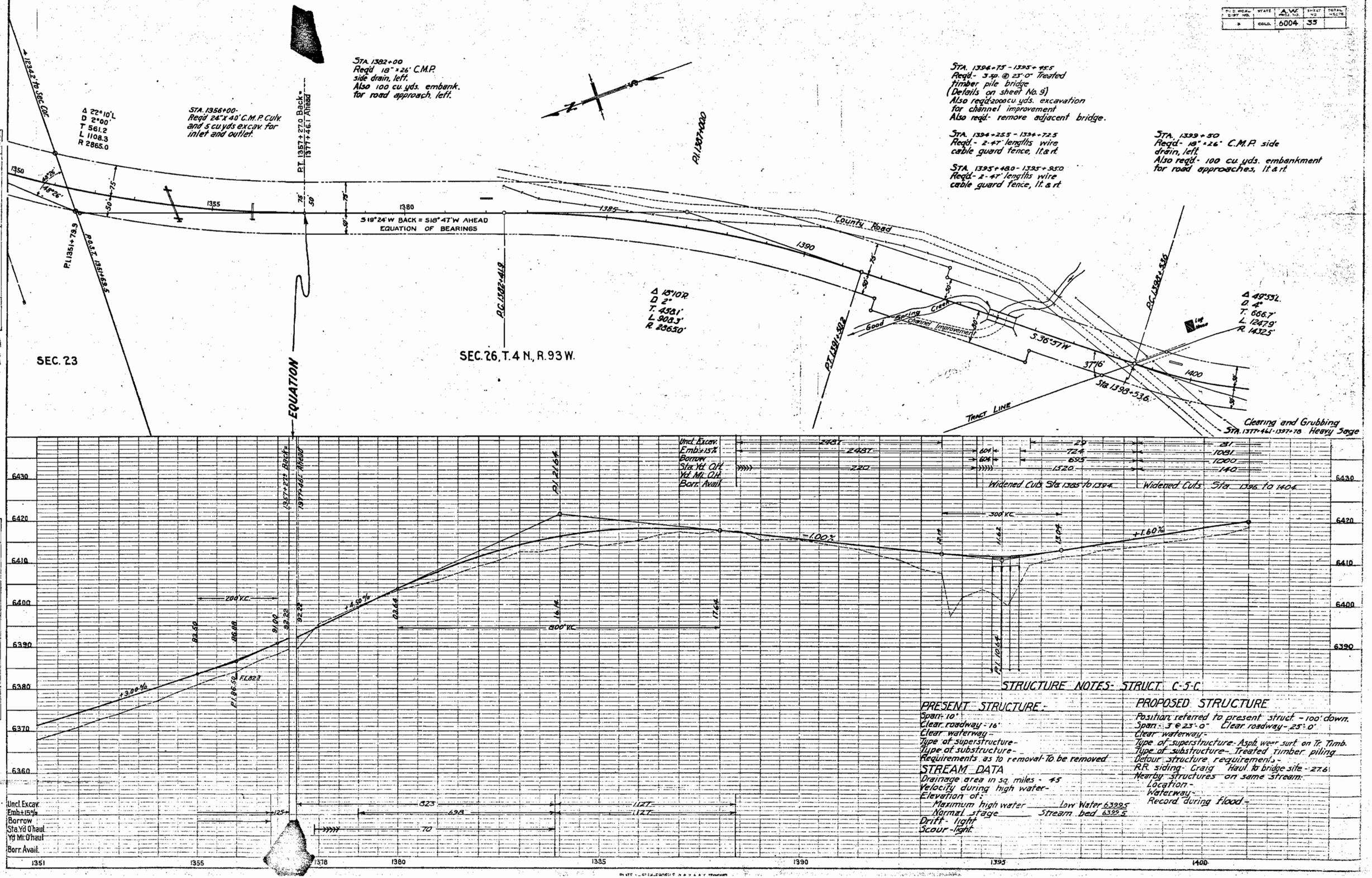


PLAN — Surveyed, Plotted, Grades Checked, Alignment Checked, Rt. of Way Checked. Note Book No. By Date

PROFILE — Surveyed, Plotted, Grades Checked, Alignment Checked, Structure Notation Checked. Note Book No. By Date

PLATE 1 - PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	35	



STRUCTURE NOTES- STRUCT. C-5-C

PRESENT STRUCTURE:-

Span- 10'
Clear roadway - 16'
Clear waterway -
Type of superstructure -
Type of substructure -
Requirements as to removal- To be removed

STREAM DATA

Drainage area in sq. miles - 45
Velocity during high water -
Elevation of:
Maximum high water _____ Low Water 6399.5
Normal stage _____ Stream bed 6399.5
Drift - light
Scour - light

PROPOSED STRUCTURE

Position referred to present struct. - 100' down.
Span - 3 @ 23'-0" Clear roadway - 25'-0"
Clear waterway -
Type of superstructure - Asph. wear surf. on Tr. Timb.
Type of substructure - Treated timber piling
Detour structure requirements -
R.R. siding - Craig Haul to bridge site - 27.6
Nearby structures on same stream:
Location -
Waterway -
Record during flood -

PLAN — SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ TO-SCALE CHECKED ___ NOTE BOOK ___ NO. ___ BY ___ DATE ___

PROFILE — SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ IS AS NOTED ___ STRUCTURE NOTES NO. ___ CHECKED ___ NOTE BOOK ___ NO. ___ BY ___ DATE ___

FED. ROAD PROJ. NO.	STATE	F.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	36	

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

Sec. 26, T. 4 N., R. 93 W. of 6th P.M.

C.E. No. 82

S 36°57' W

P.C. 1398+536

Tract Line

Log House

Lot 7

C.E. No. 228

Telephone Poles

County Road

Δ 49°55' L.
D 4°
T. 886.7'
L. 1247.9'
R. 1432.5'

Sta. 1409+ To Sta. 1410+

Move Carbide Pit off Right-of-Way
Remove old Foundation
Move Garage off Right-of-Way
FORCE ACCOUNT.

P.T. 1411+01.5

Sta. 1411+

Move 2 Log Cabins off Right-of-Way
Sta. 1412+50 - Road Approach on Right Begin - 50 Cu. Yds. Emb.
Sta. 1411+85 to 1413+05 - 250 Cu. Yds. Excav. for Channel Change on Left Begin - Material to be used to fill Old Channel
Sta. 1413+16 - 24"x60' CMP Cross Culv. End Begin - Remove 85' x 24" CMP Culv.
Sta. 1413+50 to 1416+50 - Road Approach on Right Begin - 30 Cu. Yds. Excav. 10 Cu. Yds. Emb.
Sta. 1416+85 - 36"x80' CMP Cross Culv. End Begin - Skew 45°
Sta. 1417+10 to 1418+05 - Channel Change and Inlet Ditch on Right Begin - 315 Cu. Yds. Excav. to be used for Dike and Berm in old channel
Sta. 1417+50 - Road Approach on Left Begin - 40 Cu. Yds. Emb.

Sta. 1415+ To Sta. 1416+ Building off R.O.W. - Move 16'x42' Frame Store 20' R.O.W. to Right - FORCE ACCOUNT. Left of Sta. 1415+94 - Remove 16'x22' CMP Culv.

Good Spring Creek

Chan. Change

Old Log Cabins

Carbide Pit

Old Foundation

Garage

Present Highway No. 13

To Craig

Private Telephone Poles

P.I. 1405+20.5

Sta. 1414+13

TOWN OF AXIAL

Store

Barn

Prin. Tel. Pole

Tel. Pole #2152

Sta. 1422+50 - 50 Cu. Yds. Excav. for Road Approach on Rt. Begin - 1 Barb. Wire Gate Reqd.

Sta. 1425+ Reqd. 50 Cu. Yds. Embank. for Road Approach, L.t.

Sta. 1425+00 - 1 Barbed Wire Gate on Lt. Begin

Sta. 1428+50 - 1428+00 - Reqd. 90 Cu. Yds. Excav. for Intercepting Ditch on Right

P.O.T. 1421+34.4

Sta. 1422+65

Intercepting Ditch

Road To Mine

S 12°58' E

12°58'

Prin. Tel. Pole

Irrigation Ditch

Ditch Change

To Meeker

Sta. 1428+75

Sec. 26

Section Line

Sec. 35

Sta. 1429+50 - 36"x76' CMP Culv. Begin - Pipe to be placed under Irrigation Ditch

Δ 19°30'
D 2°
T. 492.3'
L. 975.0'
R. 2866.0

P.C. 1428+08.2

¼ Line

¼ Corner

Coal C.E. No. 1

C.E. No. 228

Tract Line

Coal C.E. No. 1

Coal C.E. No. 1

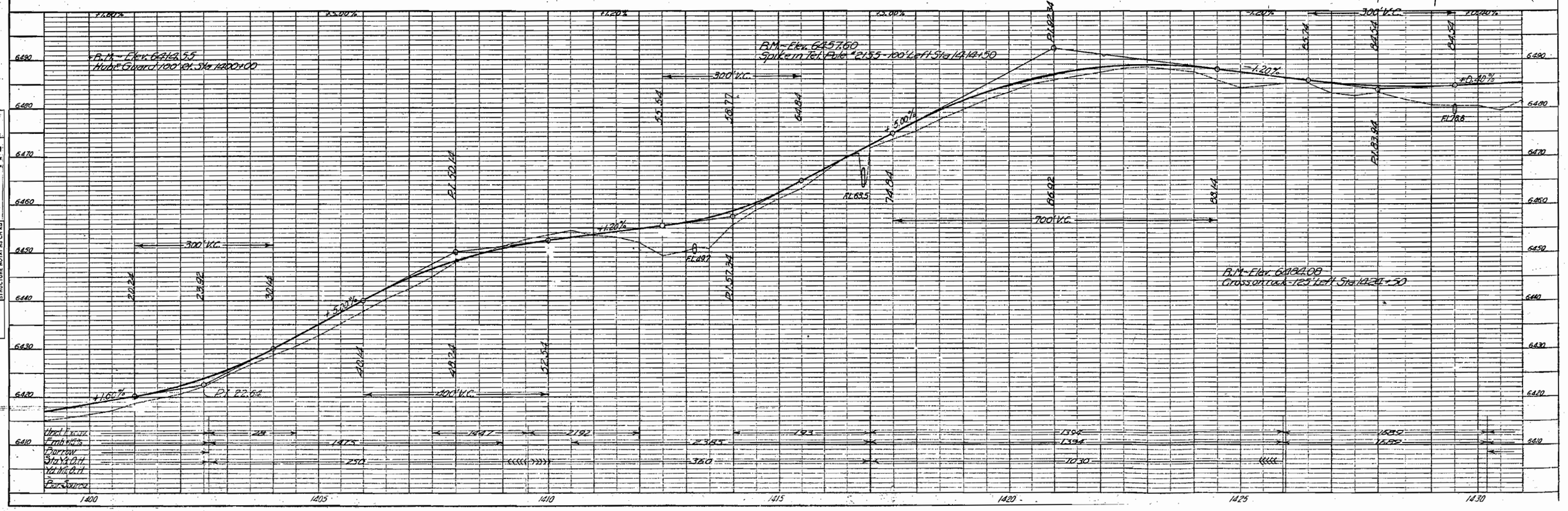
Tract Line

Sec. 26

Sec. 35

CLEARING & GRUBBING:
Sta. 1399+40 to 1410+85 - Heavy Sage Brush
Sta. 1416+79 to 1430+00 -

PLAN		BY	DATE
NOTE BOOK	SURVEYED	H.E. Hutchinson	July 34
NO.	PLOTTED	J.A. Fink	
	ALIGNMENT CHECKED	L.C. Binney	
	RT. OF WAY CHECKED		



PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	BRIDGE		
	STRUCTURE NOTATIONS CH'KD		

LMED

FED. ROAD DIST. NO.	STATE	...AW PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6004	37	

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

Sec. 35, T.4N., R.93W. of 6th P.M.

C.E. No. 82

Sta. 1429+50 to 1433+00 - Ditch Change 80'. Cu Vds. Emb. Cu Vds. Excav. & 245

Sta. 1433+00 - 24'x 62' CMP Cross Culv. Reqd. Skew 45° Rt. 20 Cu Vds. Excav. for Ditches.

PI. 1433+99.2

Sta. 1435+50 - 24'x 44' CMP Cross Culv. Reqd. 10 Cu Vds. Excav. for Inlet and Outlet Ditches

Sta. 1442+00 - 24'x 42' CMP Cross Culv. Reqd. and 10 Cu Vds. Excav. for Ditches.

Sta. 1442+00 to 1446+00 - Ditch Change, with 3' bottom, Reqd. on Right - 530. Cu Vds. Exc. To be used in Roadway Fill. Quantities as shown are included for payment in Profile Quantities.

Sta. 1445+00 - 24'x 44' CMP Cross Culvert Reqd.

Sta. 1445+00 to 1450+00 - Ditch Change, with 3' bottom, Reqd. on Left. Cu Vds. Emb. 80. Cu Vds. Excav. & 710. (See K-Sec. Sheets between Stations) Quantities as shown are included for payment in Profile Quantities.

Sta. 1452+25 - 36'x 44' CMP Cross Culv. Reqd. 80. Cu Vds. Excav. for Inlet and Outlet Ditches

P.O.T. 1453+00

Sta. 1452+50 - Road Approach on Left Reqd. - 20. Cu Vds. Excav. 1-Barbed Wire Gate Reqd.

Sta. 1455+00 - 24'x 48' CMP Cross Culv. Reqd.

C.E. No. 82

Quantities as shown are included for payment in Profile Quantities.

Sta. 1455+00 to 1471+50 - Ditch Change, with 3' bottom, Reqd. on Rt. - 960. Cu Vds. Excav. To be used in Roadway Fills. (See K-Sec. Sheets between Stations)

Sta. 1460+00 - Road Approach on Lt. Reqd. - 50. Cu Vds. Emb.

Telephone Poles — Private Tel. Poles — Ditch Change — Irrigation Ditch — Private Tel. Pole — Present Highway No. 13 — Anchor Pole — Gate — To Craig — To Meeker — S.12°50'E. — S.6°32'W. — 96°34' — 6°32' — Sta. 1455+92 — Tract Line — Lot 3 — Lot 6 — ½ Line — 35 — B Line — P.C. 1429+06.9 — P.T. 1438+81.9 — Δ 19°30'R. D 2° T. 492.3' L. 975.0' R. 2865.0'

CLEARING & GRUBBING:
Sta. 1430+00 to 1432+69 - Heavy Sage Brush.
Sta. 1433+00 to 1442+50 - Plowed Field.
Sta. 1444+50 to 1459+50 - Sage Brush.

B.M. - Elev. 6288.59 Hub & Guard 50' Rt. Sta. 1435+00

B.M. - Elev. 6520.65 Hub & Guard 60' Rt. Sta. 1452+00

500' V.C. — 200' V.C. — 300' V.C. — +0.40% — +2.36% — -0.6% — +1.21% — PI. 1429.40 — PI. 1433.99 — PI. 1442.00 — PI. 1452.50 — PI. 1460.00 — FL. 817 — FL. 829 — FL. 901 — FL. 972 — FL. 1132 — FL. 1147

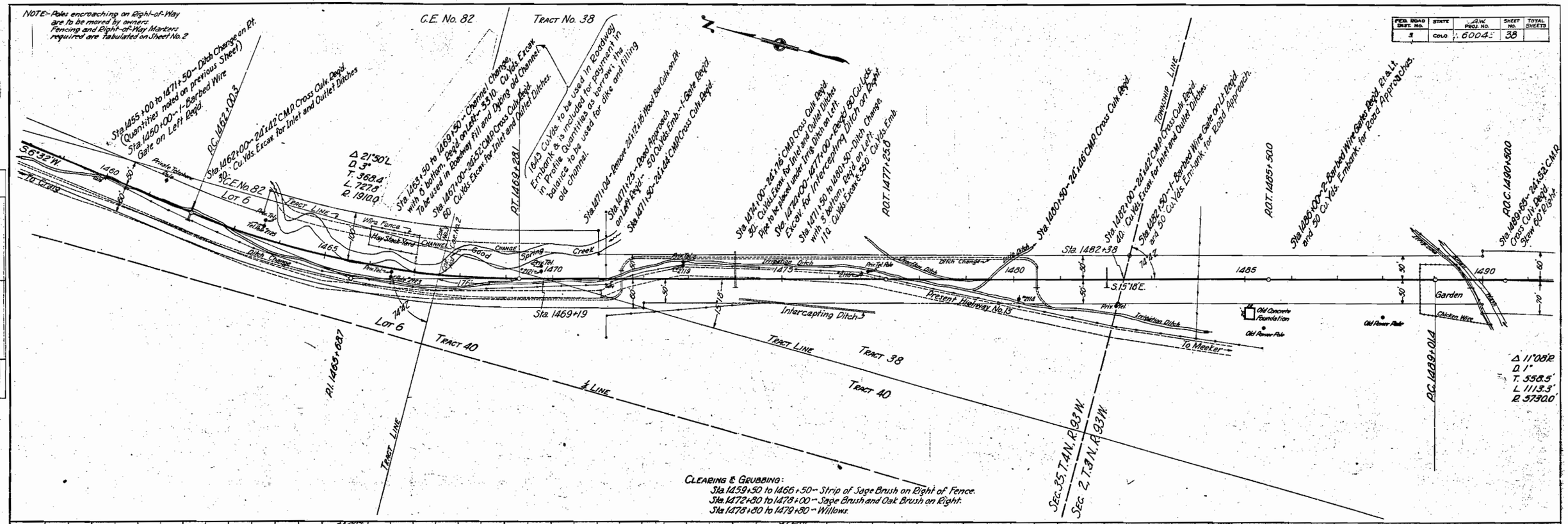
Hwy. Excav. — Emb. 15% — Borrow — Str. Vol. O.H. — Vol. M.H. O.H. — Bor. Source: On R.O.W. - Within F.H. Limits

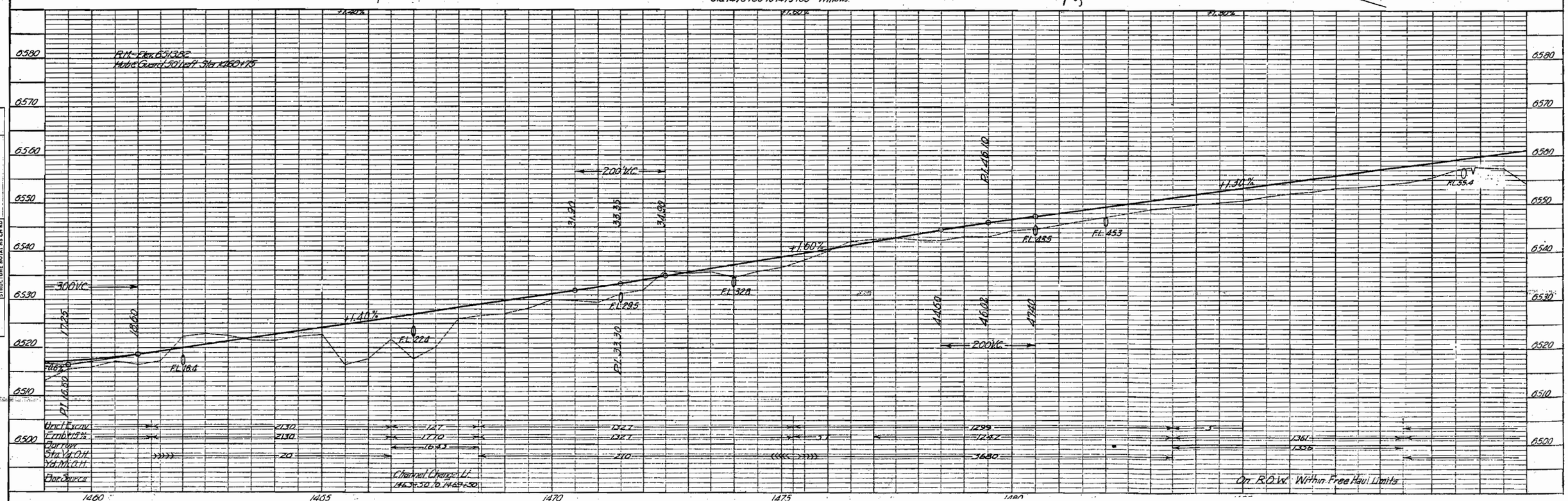
PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — NOTE BOOK — NO. — BY: H.E. Hutchinson, J.L. Hoffman, L.C. Finley — DATE: July '36

PROFILE — SURVEYED — PLOTTED — GRADES CHECKED — B. M.'S NOTED — STRUCTURE NOTATIONS CH'KD — NOTE BOOK — NO. — DATE

FED. ROAD DIST. No.	STATE	S.H. PROJ. No.	SHEET No.	TOTAL SHEETS
5	COLO.	6004	38	

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





PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — NOTE BOOK — NO. — BY H.E. Hutchinson, L.E. Fick, L.C. Parks — DATE July '34

PROFILE — SURVEYED / PLOTTED / GRADE CHECKED / STRUCTURE NOTAT'NS CH'KD — NOTE BOOK — NO. — BY — DATE

MAP OF RECORD

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	ZW 6004	39	

B & A Lines

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

SEC. 2, T. 3N, R. 93W. of 6th P.M.

TRACT 38 | TRACT 39

R.O.C. 1490+500

R.I. 1494+589

R.O.C. 1495+000

Sta. 1496+10 - 24"x52' CMP Cross Culv. Reqd.

1496+00 - 20 cu.yd. Rock Fill Dam at Ditch Intake on Left Reqd.

Sta. 1495+40 to 1502+20 - 200 cu.yds. Excav. for Chan. Chge. on Left Reqd. Material to be used to Dike Old Channel

Sta. 1499+26 - 24"x54' CMP Cross Culv. Reqd.

R.O.T. 1502+106

Sta. 1501+63.5 - 1502+12.5 - Reqd. 2 - 47' lengths of Wire Cable Guard Fence Rt. & Lt.

Sta. 1502+65 - 1503+12 - Reqd. 2 - 47' lengths of Wire Cable Guard Fence Rt. & Lt.

R.O.T. 1507+000

Sta. 1510+00 - 2 Barbed Wire Gates Reqd. Reqd. 18+26 C.M.P. side drains Rt. & Lt. & 150 Cu.Yds. Embank. for Road Approaches.

Sta. 1517+00 - 24"x42' CMP Cross Culv. Reqd. & 10 Cu.Yds. Excav. for Inlet.

Sta. 1517+00 - 15"x20' - Reqd. 150 Cu.Yds. Excav. for Intercepting Ditches on Left

Intercepting Ditch 7

S.15°18'E.

S.4°10'E.

"B" Line Irrig. Ditch

"A" Line

244' from P.T.

Spring

Dam

Channel Change

Good

Chan. Change

Creek

Ice House

Garden

Chicken Wire

Shed

House

Store

MOUNT STREETER

Ditch Change

"1494+50 to 1496+10 75 Cu.Yds. Excav. Reqd. for Ditch Change on Right.

Δ 11°08'R.
D. 1°
T. 558.5'
L. 1113.3'
R. 5730.0'

R.O.C. 1489+710

To Craig

Sta. 1498+00 - 50 Cu.Yds. Emb. for Road Appr. on Rt. Reqd. - 1 Barbed Wire Gate Reqd.

TRACT LINE

Sta. 1499+90 - Move Ice House off of Right-of-Way to Right. Force Account.

EQUATION = P.T. 1500+14.7 "B" Line Back = 1501+61.0 "A" Line Ahead

Present Highway No. 13

Sta. 1502+15 - 1502+62.5 - Reqd. 2 spans @ 23', Treated Timber Pile Bridge (Details on Sheet #10) and 200 Cu.Yds. Excav. for Channel Improvement.

To Meeker

CLEARING & GRUBBING:

Sta. 1489+72 to 1496+50 - Heavy Rose Bushes and Willows.

STRUCTURE NOTES STRUCT. C-5-D

PRESENT STRUCTURE:

Span
Clear roadway
Clear waterway
Type of superstructure
Type of substructure
Requirements as to removal

STREAM DATA:

Drainage area in sq. miles - 40
Velocity during high water -
Elevation of
Maximum high water -
Normal stage -
Drift -
Scour -
Low water 65.16.6
Stream bed -

PROPOSED STRUCTURE:

Position referred to present structure -
Span - 2 @ 23'0" Clear roadway - 25'0"
Clear waterway -
Type of superstructure - Asph. wear surf. on 7" Timb.
Type of substructure - Tr. timber piling
Detour structure requirements - none
R.R. siding - Craig. Haul to bridge site - 29.6 Mi.
Nearby structures on same stream
Location -
Waterway -
Record during floods -

B.M. - Elev. 6592.85
Note Guard - 170' Rt. Sta. 1502+00

200' V.C.

300' V.C.

400' V.C.

+1.30%

+3.00%

+0.20%

+1.20%

Elevations: 6620, 6610, 6600, 6590, 6580, 6570, 6560, 6550, 6540

Stations: 1490, 1495, 1500, 1505, 1510, 1515

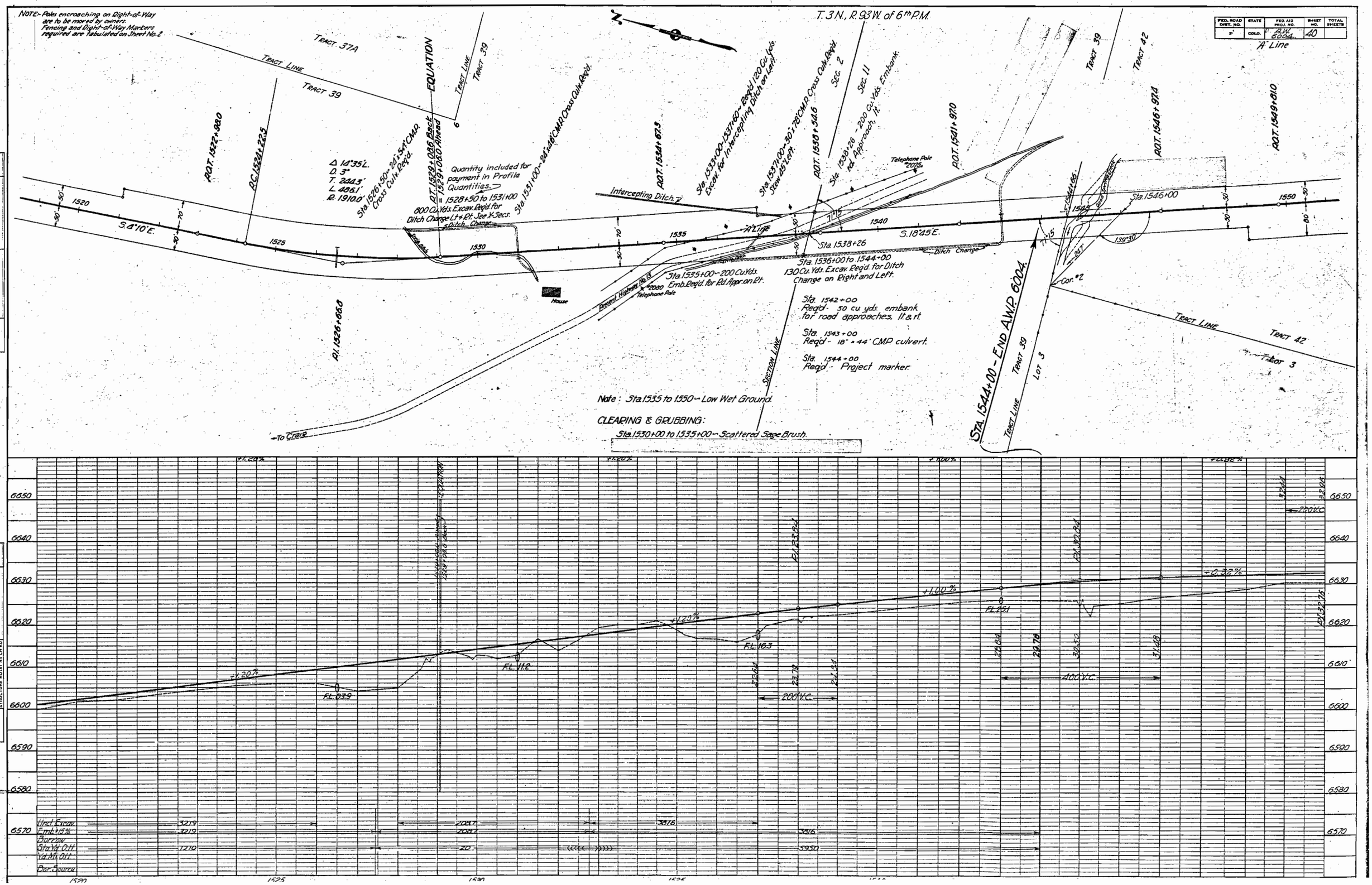
Incl. Exav.
Embk. 10%
Borrow
Sta. to OH.
to Mi. OH.
Borr. Avail.

PLAN: SURVEYED, PLOTTED, GRADES CHECKED, R.O.W. CHECKED, NOTE BOOK, NO.

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B. MS. NOTED, STRUCTURE NOTAT'NS CH'KD, NOTE BOOK, NO.

Return this Sheet to Wheeler-Fico — 6004-2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	AW 6004	40	



PLAN

NOTE BOOK	SURVEYED	J.B. McMahon	DATE
	PLOTTED	J.B. McMahon	July-56
	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED	L.C. Fudge	

PROFILE

NOTE BOOK	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
NO.	B. M.'S NOTED, STRUCTURE NOTATIONS CH'KD	

FILMED