FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	MONT.	53-B(3)		1	30

PLANS COMPLETED . Dec. 19, 1939 . . .

INDEX OF SHEETS

TITLE PAGE . . . . . SHEET No. 1
TYPICAL CROSS-SECTION OF IMPROVEMENT . . SHEET No. 2
SUMMARY SHEET . . SHEET No. 2-3
PLAN AND PROFILE . SHEET No. 4-6
CROSS-SECTIONS . . SHEET No. 7-27
MASS DIAGRAM . . . SHEET No. 28-30

STATE OF MONTANA

STATE HIGHWAY COMMISSION

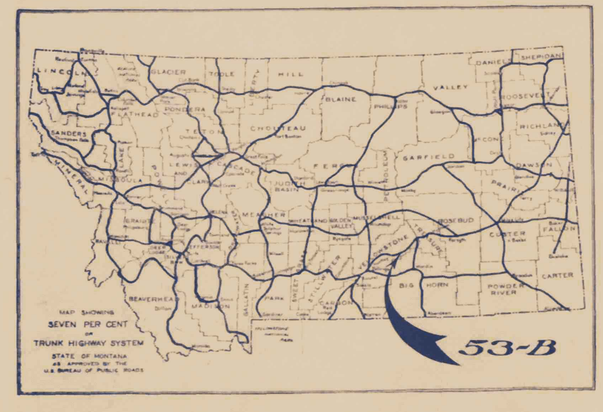
PLAN AND PROFILE OF PROPOSED

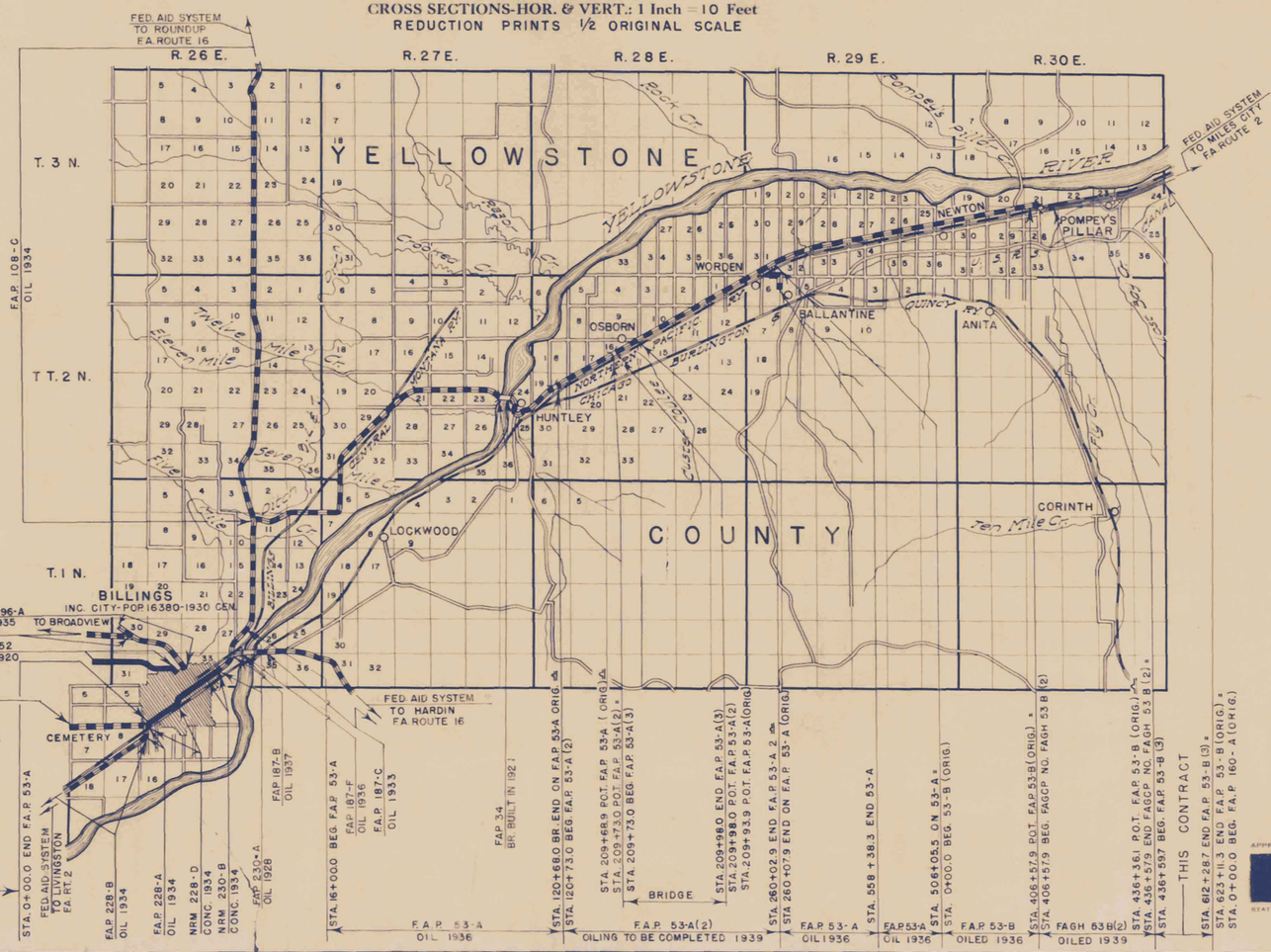
FEDERAL AID PROJECT NO. 53-B(3)

BILLINGS-POMPEYS PILLAR ROAD
YELLOWSTONE COUNTY

LENGTH 3.332 MILES

SCALES
HORIZONTAL: 1 Inch = 200 Feet
VERTICAL: 1 Inch = 20 Feet
CROSS SECTIONS-HOR. & VERT.: 1 Inch = 10 Feet
REDUCTION PRINTS 1/2 ORIGINAL SCALE





CONVENTIONAL SIGNS

State and National Line
County Line
City, Village or Borough Line
Township Line
Section Line
Reservation Line
Fence Line
Guard Rail
Unfenced Property
Right of Way Line
Fenced
Traveled Way
Railroads
Retaining Walls
Base or Survey Line
Levee
Culverts
Drop Inlet
Trolley Pole
Power Pole
Telephone or Telegraph Pole
Marsh
Ditch
Rip Rap
Bridge
Proposed New Culvert (Profile)

LEGEND OF COMPLETED WORK

GRADED ROAD
GRAVELED ROAD
OILED ROAD
PAVED ROAD

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

CHIEF, WESTERN REGION
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

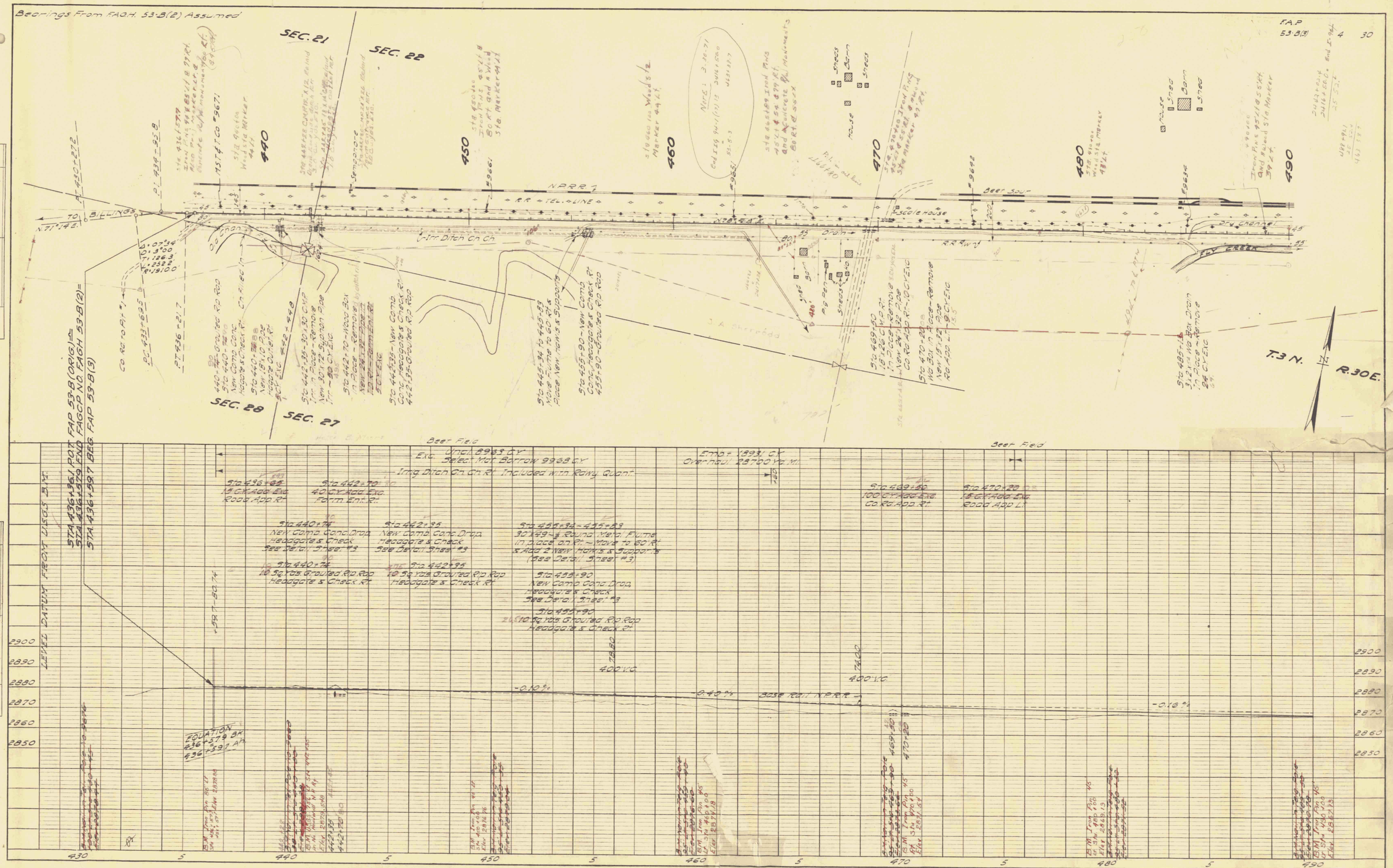
APPROVED

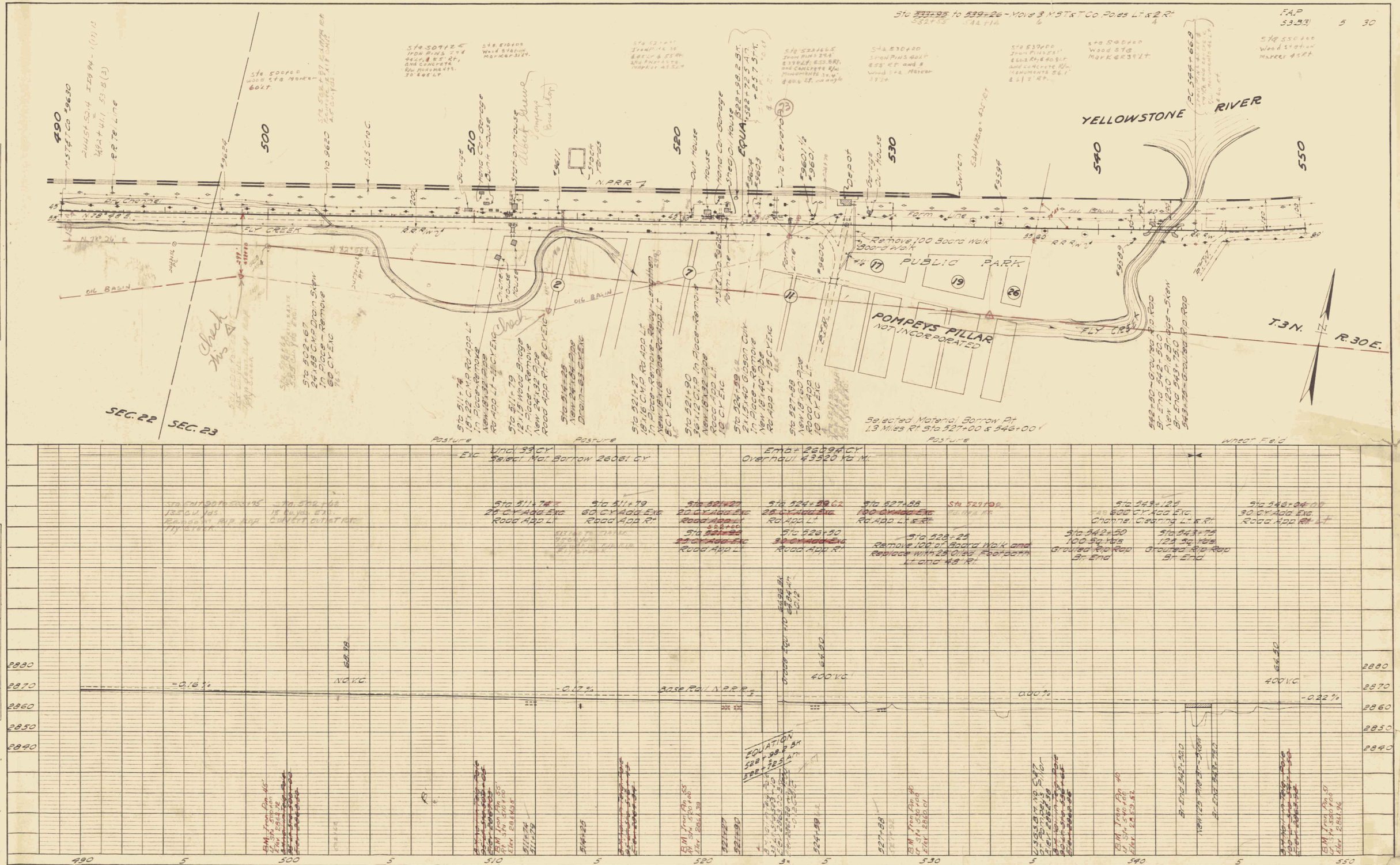
STATE HIGHWAY ENGINEER

APPROVED

COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

Imperial Tracing Cloth Co. — E. W. B. CO., N. Y.


Bearings From FAGH. 53-B(2) Assumed
FAP 53-B(3)
SEC. 21
SEC. 22
SEC. 28
SEC. 27
N.P.R.R.
R.R. TEL. LINE
BILLINGS
Beet Sour
Scale House
Drain
Drainage Channel
FLY CREEK
R.R. Road
Beet Field
T. 3 N.
R. 30 E.
STA. 436+561 POT FAP 53-B (ORIG)=
STA. 436+579 END FAGCP NO. FAGH 53-B(2)=
STA. 436+597 BEG FAP 53-B(3)
LEVED DATUM FROM U.G.S. B.M.
EQUATION
436+579 BK
436+597 AH
Exc. Unclass. 8963 C.Y.
Select Mat. Borrow 9968 C.Y.
Ing. Ditch On Cn. Rt. Included With Roadway Quant.
Emb. 1993 C.Y.
Overhaul 28700 Yd. M.
Sta 436+88 18 C.Y. Add. Exc. 2000 App. Rt.
Sta 442+70 40 C.Y. Add. Exc. Form Emb. Rt.
Sta 440+74 New Comb. Conc. Drop Headgate & Check See Detail Sheet #3
Sta 440+74 10 Sq. Yds. Grouted Rip Rap Headgate & Check Rt.
Sta 442+95 New Comb. Conc. Drop Headgate & Check See Detail Sheet #3
Sta 442+95 10 Sq. Yds. Grouted Rip Rap Headgate & Check Rt.
Sta 455+34 - 455+83 30" x 49 - 1/2 Round Metal Flume In Place On Rt. - Move To 60 Rt. & Add 2 New Joints & Supports (See Detail Sheet #3)
Sta 455+90 New Comb. Conc. Drop Headgate & Check See Detail Sheet #3
Sta 455+90 10 Sq. Yds. Grouted Rip Rap Headgate & Check Rt.
Sta 469+80 100 C.Y. Add. Exc. Co. Rd. Add. Rt.
Sta 470+20 18 C.Y. Add. Exc. 2000 App. Lt.
-0.10%
0.40%
Base Rail N.P.R.R.
400' V.C.
PLATE 1 - PLAN-PROFILE O.E.R.&A.E. STANDARD
KEUFFEL & ESSER CO. NEW YORK

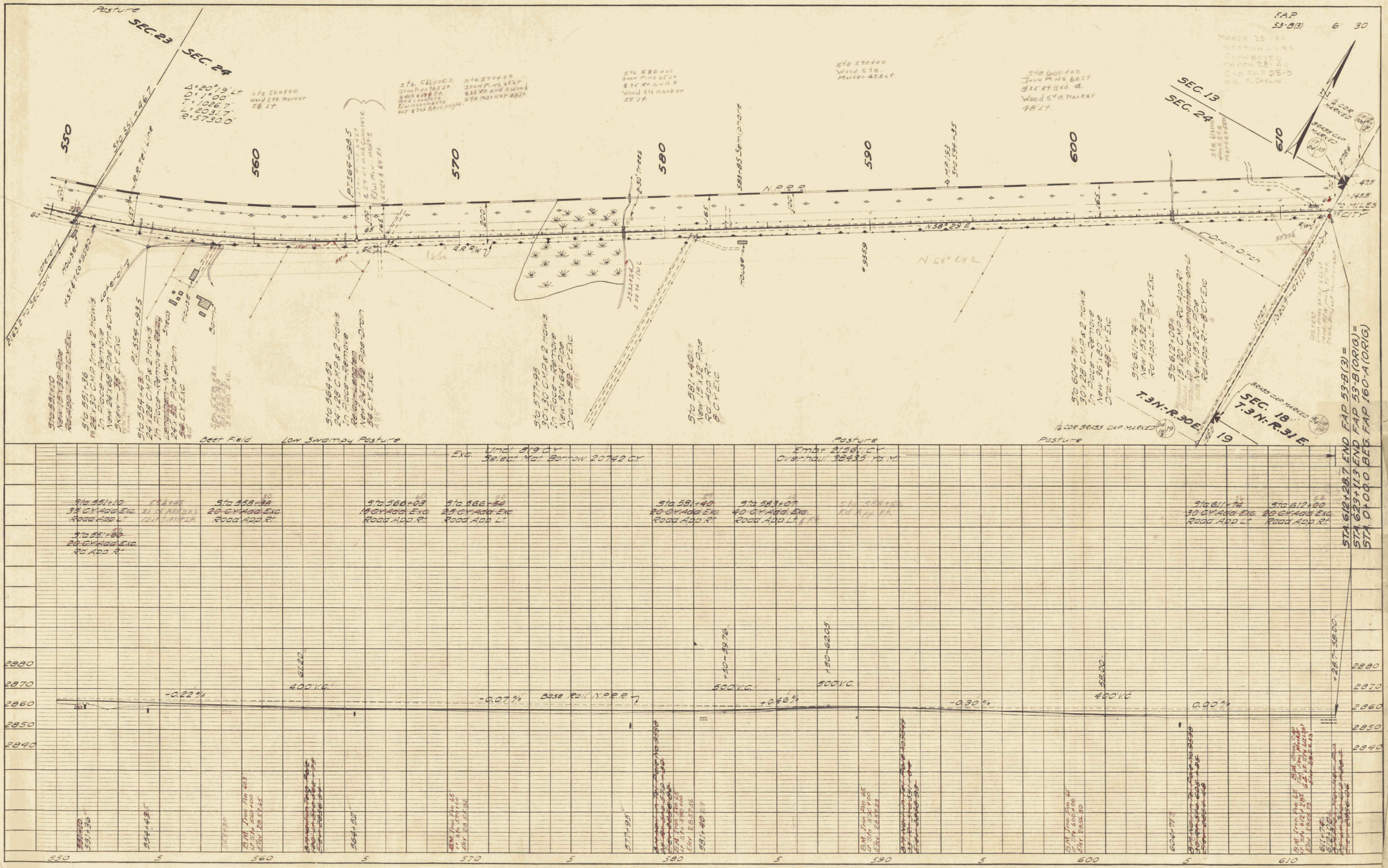


PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED. NOTE BOOK NO. BY DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, BLUE PRINTED, STRUCTURE NOTATNS CH'KD. NOTE BOOK NO. BY DATE

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

KEUFFEL & ESSER CO., NEW YORK.


F.A.P. 53-B(3) 6 30
SEC. 23
SEC. 24
SEC. 13
SEC. 24
SEC. 19
T.3N.-R.30E.
T.3N.-R.31E.
Pasture
Beet Field
Low Swampy Pasture
Pasture
Pasture
Pasture
N.P.R.R.
N 38° 29' E
Drain Ditch
Base Rail N.P.R.R.
-0.22%
-0.07%
+0.46%
-0.30%
0.00%
400' V.C.
500' V.C.
500' V.C.
400' V.C.
Exc. Unc. 819 CY
Select Mat. Borrow 20742 CY
Emat 21561 CY
Overhaul 38435 Yd. M.
STA. 612+28.7 END FAP 53-B(3) =
STA. 623+11.3 END FAP 53-B(ORIG) =
STA. 0+00.0 BEG. FAP 160-A(ORIG)
PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD