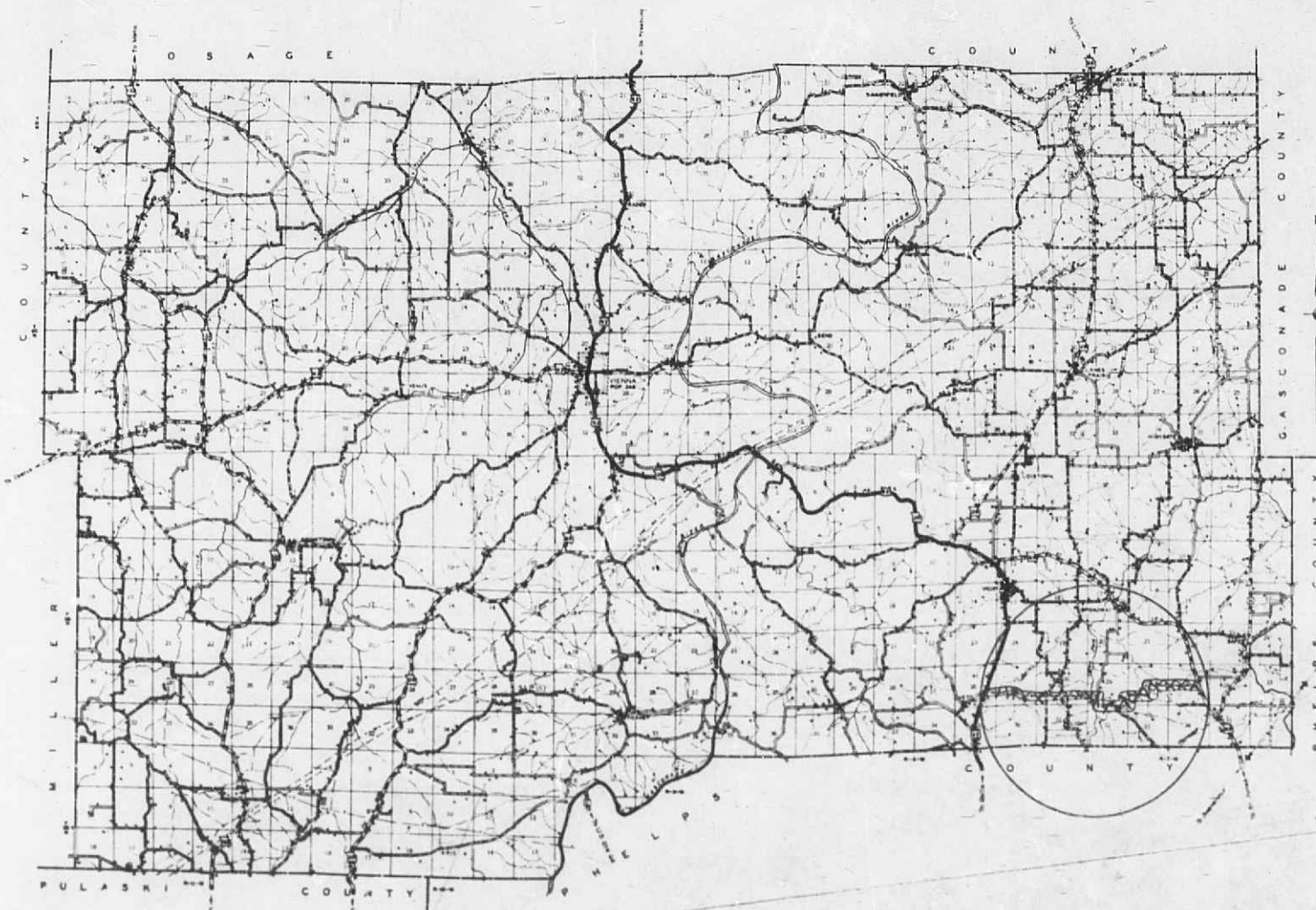


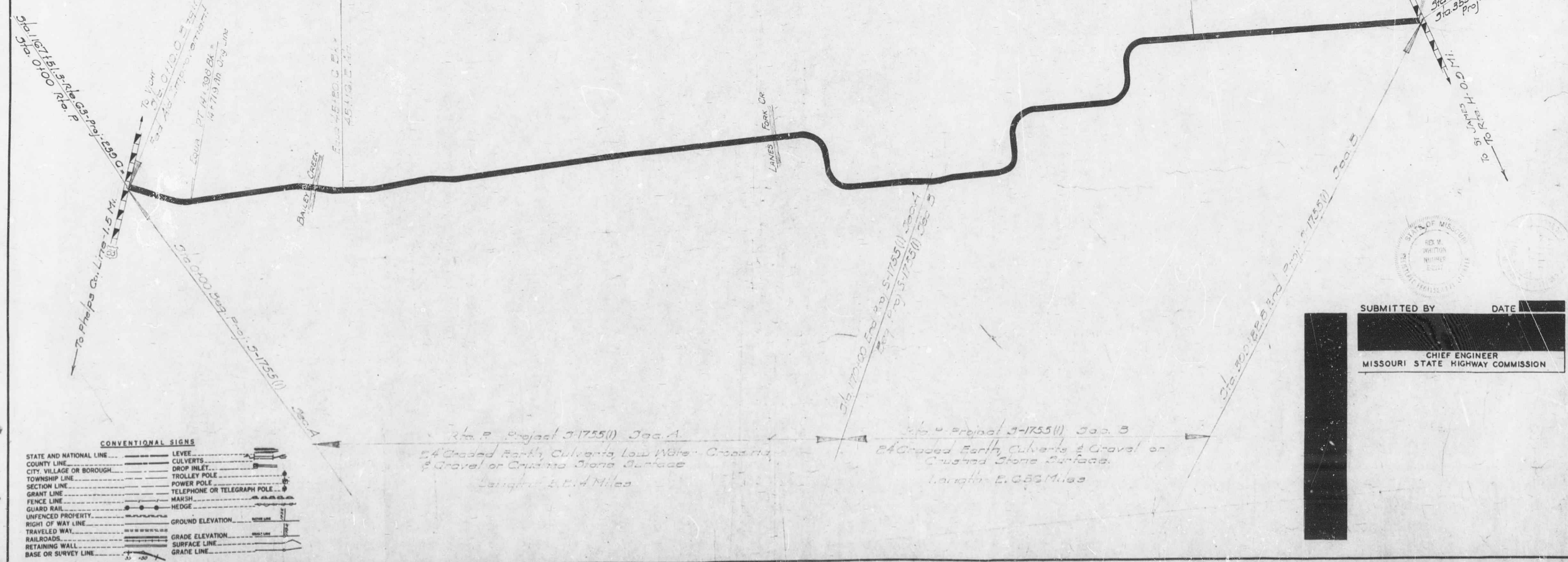
8-4-12
LOCATION MAP



MISSOURI
STATE HIGHWAY COMMISSION
PLAN AND PROFILE
OF PROPOSED
STATE ROAD

FEDERAL AID PROJECT
MARIES COUNTY

COUNTY	MARIES
STATE ROUTE NO.	5P
PROJECT NO.	S-1755(1)
	A & B



CONVENTIONAL SIGNS

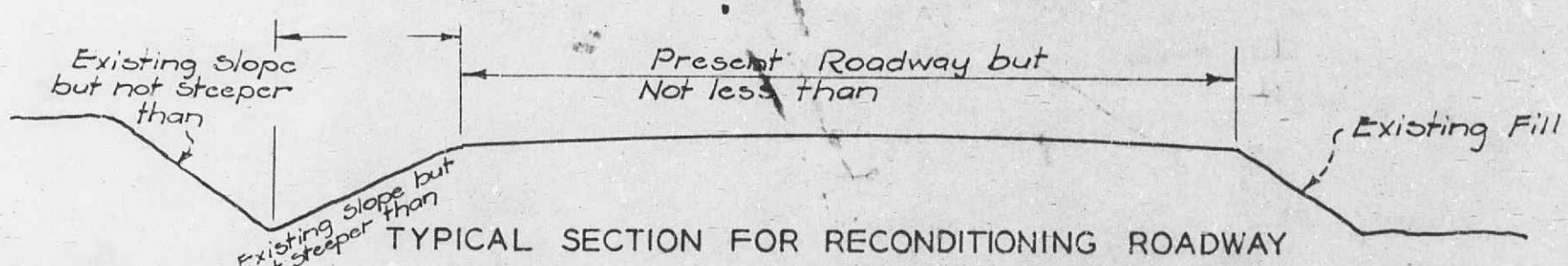
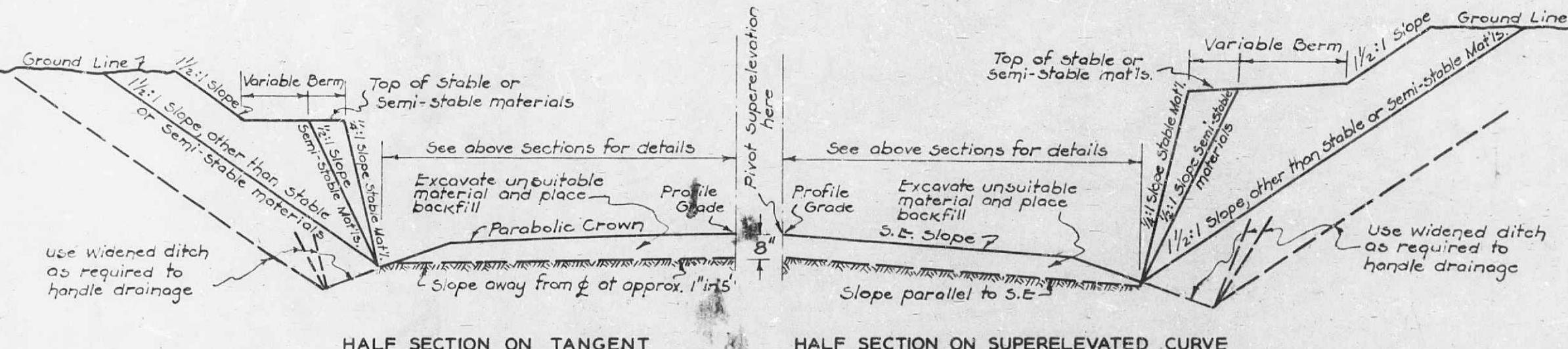
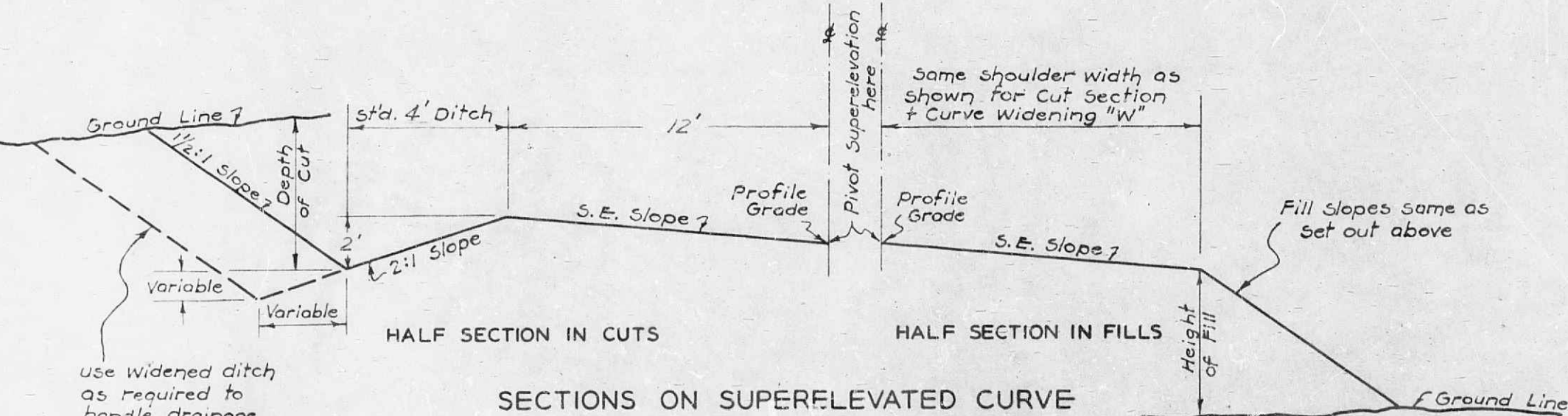
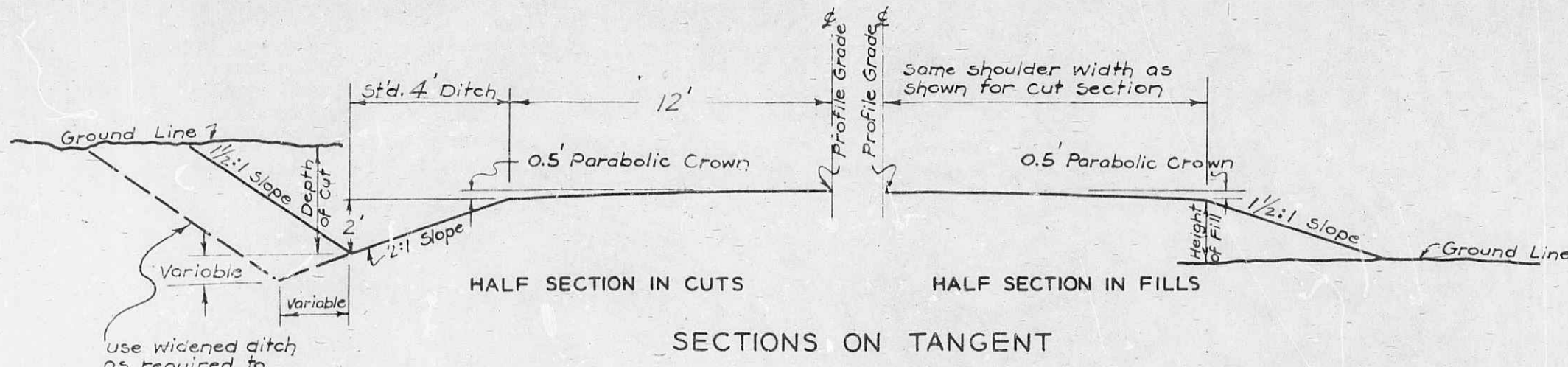
STATE AND NATIONAL LINE	LEVEE
COUNTY LINE	CULVERTS
CITY, VILLAGE OR BOROUGH	DROP INLET
TOWNSHIP LINE	TROLLEY POLE
SECTION LINE	POWER POLE
GRANT LINE	TELEPHONE OR TELEGRAPH POLE
FENCE LINE	MARSH
GUARD RAIL	HEDGE
UNFENCED PROPERTY	GROUND ELEVATION
RIGHT OF WAY LINE	GRADE ELEVATION
TRAVELED WAY	SURFACE LINE
RAILROADS	GRADE LINE
RETAINING WALL	
BASE OR SURVEY LINE	

SUBMITTED BY _____ DATE _____

CHIEF ENGINEER
MISSOURI STATE HIGHWAY COMMISSION

197

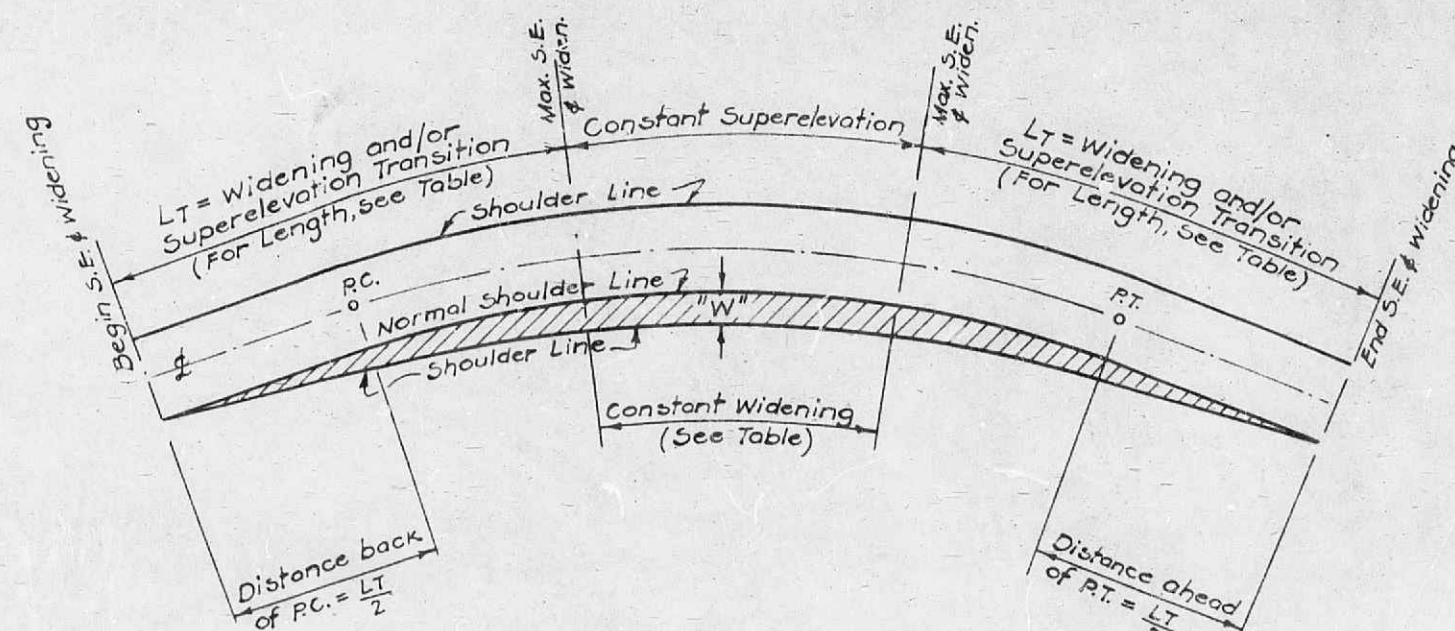
REVISIONS
 AC-2 8-5-45
 -3
 -4
 -5 7-1-50
 -6 11-14-50



GENERAL NOTES:-
 Machine Grading and Reconditioning Rdwy. shall be completed in accordance with these Typical Sections using the standard depth of ditch except as otherwise noted on Plan Sheets and as required to provide proper drainage. Covering of at least 1 foot will be required over all drainage structures located within machine and Reconditioning Rdwy. Sections.
 In transitioning from one slope to another, use a 25 foot length of transition.
 All information shown on these TYPICAL SECTIONS is for the purpose of indicating the required parabolic crown on tangent section, and general design and construction details. Actual construction of roadbed widths, slopes, depth and width of ditches, undergraded cuts and other features shall conform to the details shown on CROSS-SECTIONS and PLAN & PROFILE Sheets or as directed by the Engineer.
 Hand finishing of side slopes of cuts and fills will not be required. Machine finishing to a smooth plane will be considered satisfactory.
 Unless otherwise shown on the plans, the roadway ditch at all cross road culverts shall be widened to five (5) feet at the inlet with a fifty (50) foot transition to the standard roadway ditch. In "Machine Grading" limits the cost of this excavation is to be included in the contract unit price for Machine Grading.
 The cost of constructing Ditch Blocks in "Machine Grading" limits is to be included in the contract unit price for "Machine Grading".

FINAL PLANS

SCHEME OF WIDENING AND SUPERELEVATION TRANSITION



Degree of Curve Dc	Design Speeds														
	30 or Less			35 M.P.H.			40 M.P.H.			45 M.P.H.			50 M.P.H.		
	S	W	Lt	S	W	Lt	S	W	Lt	S	W	Lt	S	W	Lt
0° to 1°00'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1°01' to 1°30'	.01	0	150	.01	0	150	.02	0	150	.02	0	150	.02	0	150
2°00'	.01	0	150	.02	0	150	.02	0	150	.03	0	150	.03	0	150
2°30'	.01	0	150	.02	0	150	.03	0	150	.03	0	150	.04	0	150
3°00'	.02	0	150	.02	0	150	.03	0	150	.04	0	150	.05	0	150
3°30'	.02	0	150	.03	0	150	.04	0	150	.05	0	150	.06	0	150
4°	.02	0	150	.03	0	150	.04	0	150	.05	0	150	.06	0	150
5°	.03	0	150	.04	0	150	.05	0	150	.06	0	150	.07	0	150
6°	.03	0	150	.05	0	150	.06	0	150	.07	0	150	.08	0	150
7°	.04	0	150	.06	0	150	.07	0	150	.08	0	150	.09	0	150
8°	.05	0	150	.06	0	150	.08	0	150	.08	0	150	.09	0	150
9°	.05	2.0'	150	.07	2.0'	150	.08	2.0'	150	.08	2.0'	150	.09	2.0'	150
10°	.06	2.0'	150	.08	2.0'	150	.08	2.0'	150	.09	2.0'	150	.09	2.0'	150
11°	.06	2.0'	150	.08	2.0'	150	.08	2.0'	150	.09	2.0'	150	.09	2.0'	150
12°	.07	2.0'	150	.08	2.0'	150	.08	2.0'	150	.09	2.0'	150	.09	2.0'	150
13°	.07	2.0'	150	.08	2.0'	150	.08	2.0'	150	.09	2.0'	150	.09	2.0'	150
14°	.08	2.0'	150	.08	2.0'	150	.08	2.0'	150	.09	2.0'	150	.09	2.0'	150
15°	.08	3.0'	150	.08	3.0'	150	.08	3.0'	150	.09	2.0'	150	.09	2.0'	150
15°00' to 22°59'	.08	3.0'	150	.08	3.0'	150	.08	3.0'	150	.08	3.0'	150	.08	3.0'	150
23°00' to 23°59'	.08	4.0'	150	.08	4.0'	150	.08	4.0'	150	.08	4.0'	150	.08	4.0'	150
24°00' & above	.08	4.0'	200	.08	4.0'	200	.08	4.0'	200	.08	4.0'	200	.08	4.0'	200

NOTES:-
 S - denotes Superelevation in feet per foot
 W - denotes Widening of surfacing and inside shoulder in feet.
 Lt - denotes length of superelevation and/or widening transition in feet.
 Crown is to be eliminated on all Superelevated Curves.
 Values for degrees of curve not shown in above table shall be identical with those for the nearest tabulated curve. In case of tie, use values for next higher degree curve.

MISSOURI STATE HIGHWAY COMMISSION
 TYPICAL SECTIONS
 FOR
 24 FT. GRADED EARTH
 FOR
 SUPPLEMENTARY ROADS
 (DESIGN SPEED 30 M.P.H.)
 ROUTE: 5P COUNTY: MARIES
 PROJ. OR SEC.: S-1755(1) SEC. A & B

APPROVED *[Signature]* ENGR. SURVEYS AND PLANS
 APPROVED *[Signature]* CHIEF ENGINEER

REVISIONS
 11-12-54

IAC-7

TYPE 24' Graded Earth, Culverts & Gravel Surface

SUMMARY OF QUANTITIES

GENERAL SUMMARY

Prepared By E.L. Stuart Date 6-26 1959 Checked in Dist. Office By H.F. Ebert Date 7-20 1959 Checked in Central Office By B. G. Gentry Date 7-15 1959 Revised By _____ Date _____ 19____

T39N-R8W

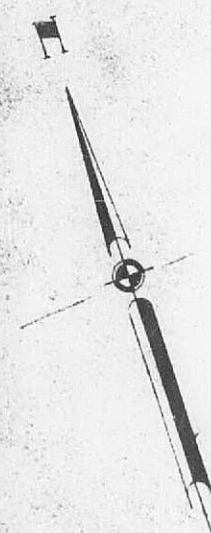
SW¹/₄ NE¹/₄ Sec 26

NW¹/₄ SW¹/₄ Sec 25

STATE	FEDERAL PROJECT NO.	SHEET
MISSOURI	5-1755(1)	3
DIST NO.	COUNTY	ROUTE
5	MARIES	P

FINAL PLANS

PLAN	DATE
Checked by	10/1/77
Drawn by	
NOTE BOOK	
NO.	



BEGIN SURVEY 0+00 Rte. P =
P.O.T. 1167+513 Rte. 63
Proj. #239 G

Sta. 0+00.0 Begin Proj. J-1755(1) Sec A.
24' Graded Earth, 12' x 32' C.M.P. Low Water
Crossing, 8' Gravel Surface

Sta. 0+10.0 Begin Federal Aid Improvement.
At a point approximately 406' South
81200' West of the NE corner of the
J.E. Sec. 26 T39N R8W.

NW¹/₄ SE¹/₄ Sec 26

NE¹/₄ SE¹/₄ Sec 26

SW¹/₄ SW¹/₄ Sec 25

Approx 1/4 Sec Line

Route 63
Existing R/W
515' 30" W

1166+50 Rte 63
30' R/W

35' R/W

150'

3100 FE L
Crown

EMMA BAILEY

570' 34" E

Inlet Esmt
30' x 60'
Sk. 20' Rte 63

PI 12+11
Δ 23' 12" L
D 5'
T 2353
L 4640
SE 0.025/ft
W 0

13+05 PE Rt
12" x 28' CMP

Sta 0+50 Sk 20' LA
Type C-3 Sectional Plate Pipe
Arch 10' 7" Juggs 10'
16" Length 46'
23.5'
ends on 20' Sk
Beveled 1 1/2:1 slope from
Spring Line up.

L.I.P.
422-65: 4' x 8' x 24" Conc. L.P.
8' x 4" Hingealls
12' x 132" Hingealls
3' Conc. Apron

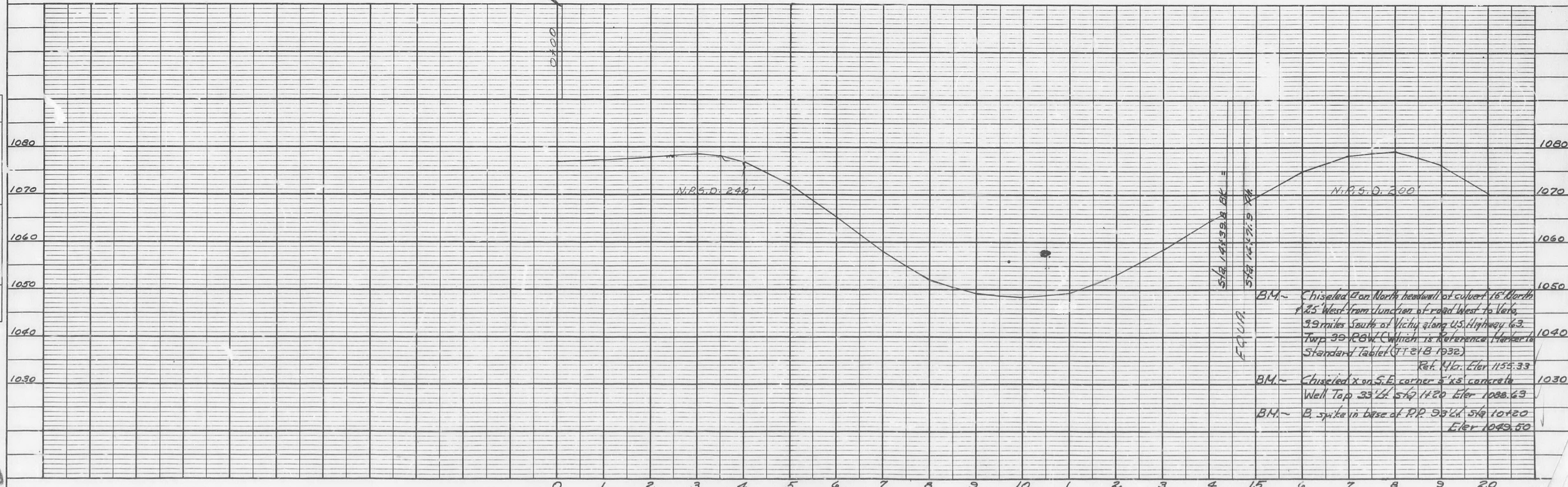
H.K. EDDY

HOWARD B. MILLEN
HOUSE

Approx 1/4 Sec Line

PROFILE	DATE
Checked by	
Drawn by	
NOTE BOOK	
NO.	

200



BM - Chiseled on North headwall of culvert 16' North
125' West from junction of road West to Vets.
39 miles South of Vichy along U.S. Highway 63
Twp 39 R8W (which is Reference Marker
Standard Tablet (TT 21B 1932)
Ref. Mgr. Elev 1155.33
BM - Chiseled on S.E. corner 5' x 5' concrete
Well Top 33' 1/4 Sta 1120 Elev 1038.63
BM - B. spike in base of R.P. 33' 1/4 Sta 10420
Elev 1043.50

PLAN	SURVINO	BY	DATE
NOTE BOOK	NOTED	Charles Apple	8-26
No.	ADJUSTED CHARGE	Lynn Bailey	9-20
	ST. OF WAY CHARGE	J. McNeil	3-57
		R. Roltz	

NY 4 SE 4 Sec. 4

FINAL PLANS

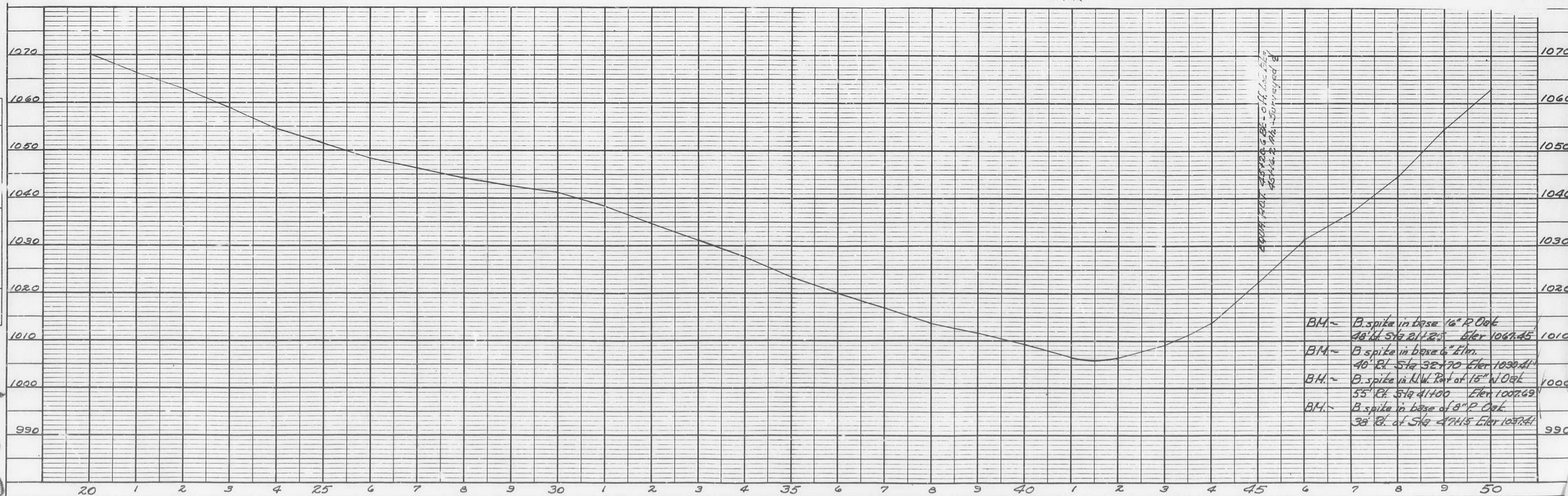


PLATE 1—PLAN—PROFILE O. P. R. & R. E. STANDARD
U. S. BLUE PRINT PAPER CO.—CHICAGO

T39N - R7W

$N^{\frac{1}{2}}$ Lot # 14 Sec. 30

FINAL PLANS

STATE	FEDERAL PROJECT NO.	SHEET NO.
MISSOURI	S-1755(1) SEC-A	5
DIST NO.	COUNTY	ROUTE
5	MARIES	P

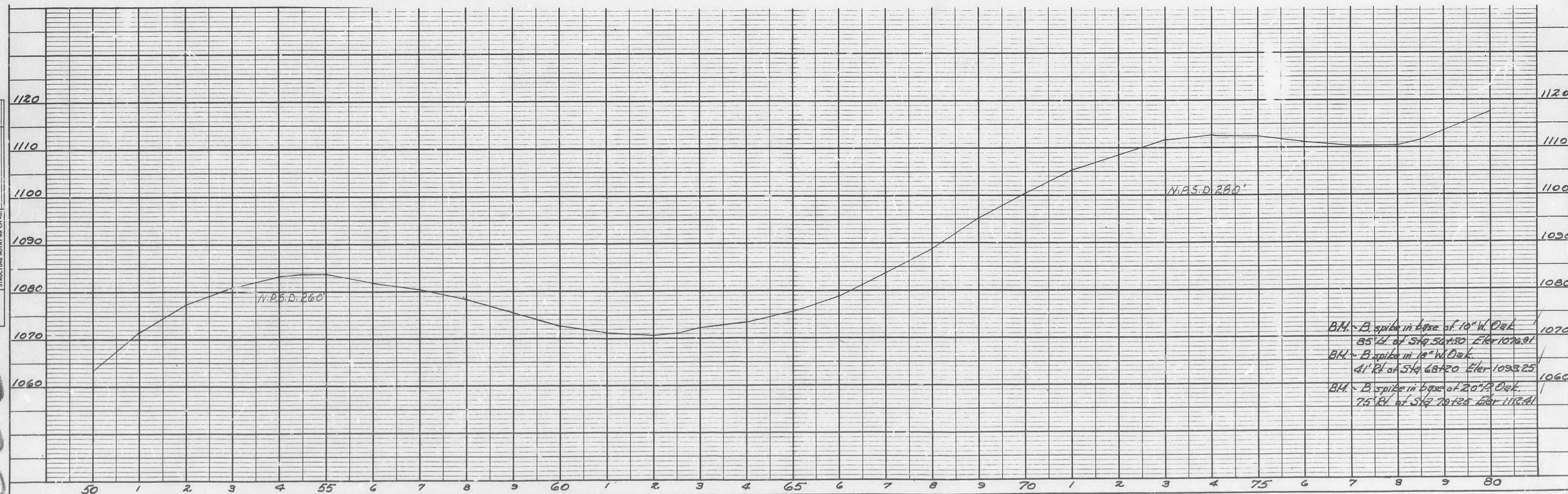
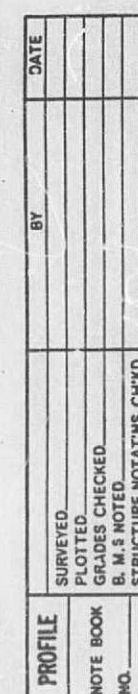
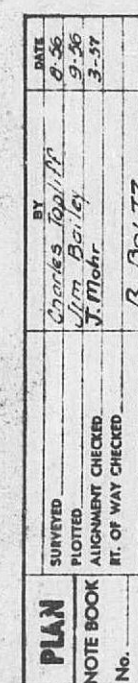


PLATE 1—PLAN—PROFILE O. P. R. & R. E. STANDARD
U. S. BLUE PRINT PAPER CO.—CHICAGO

PROFILE			BY	DATE
NOTE BOOK NO.	SURVEYED			
	PLOTTED			
	GRADES CHECKED			
	B. M.'S NOTED			
	STRUCTURE NOTATNS CHK'D.			

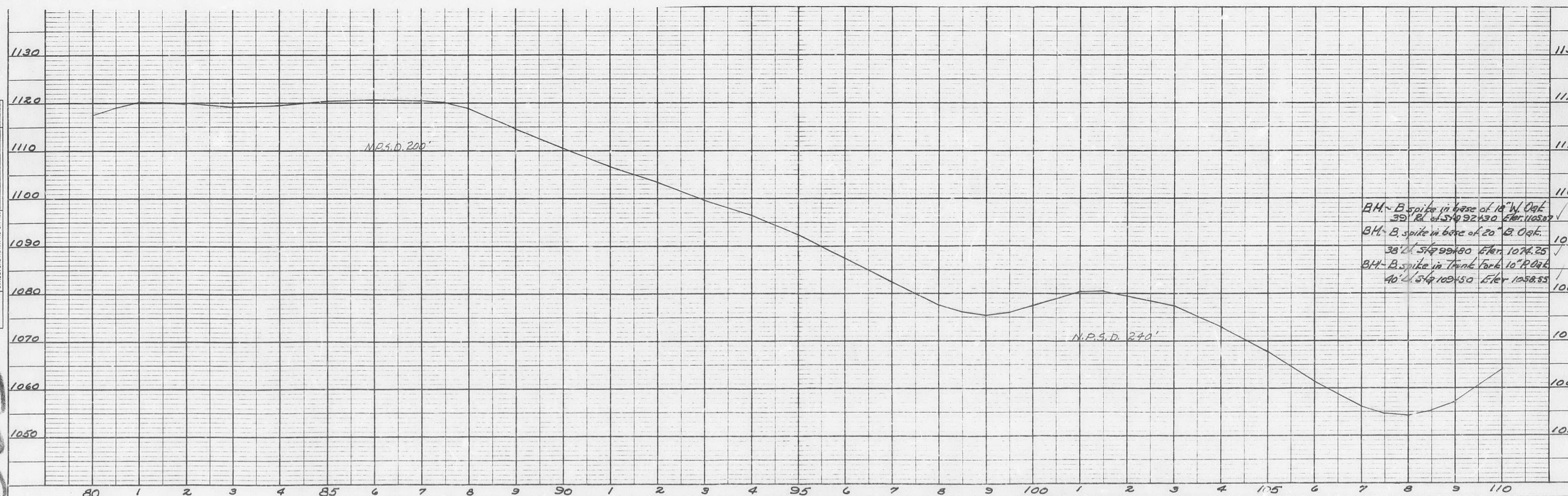
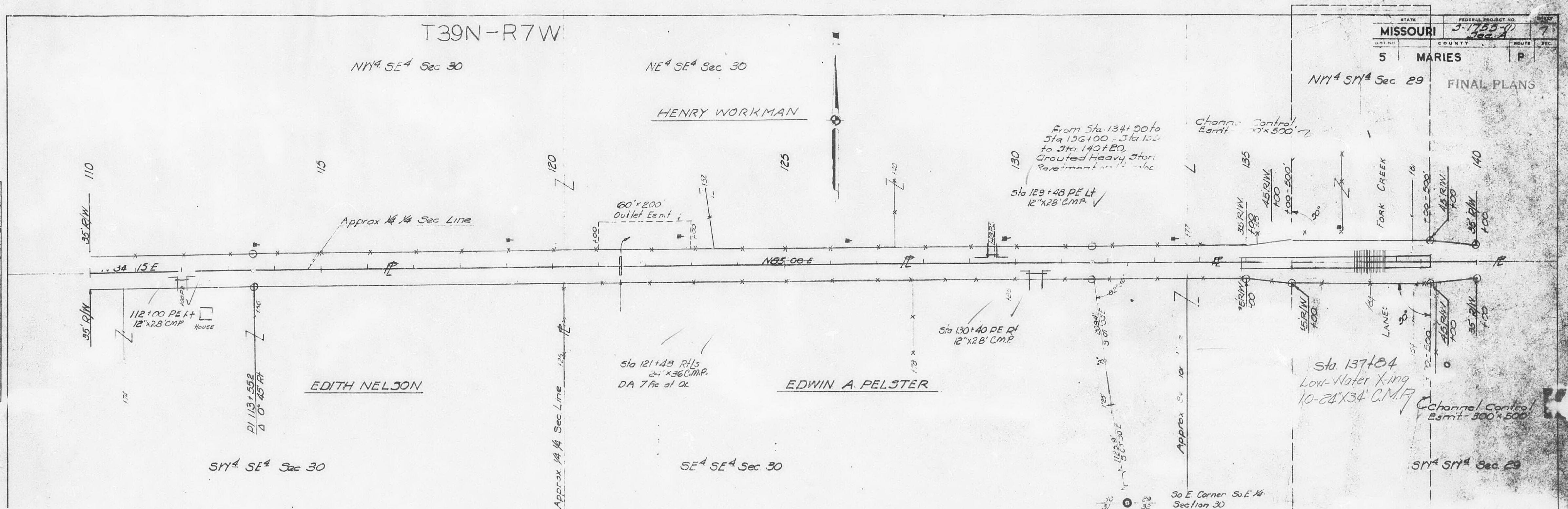
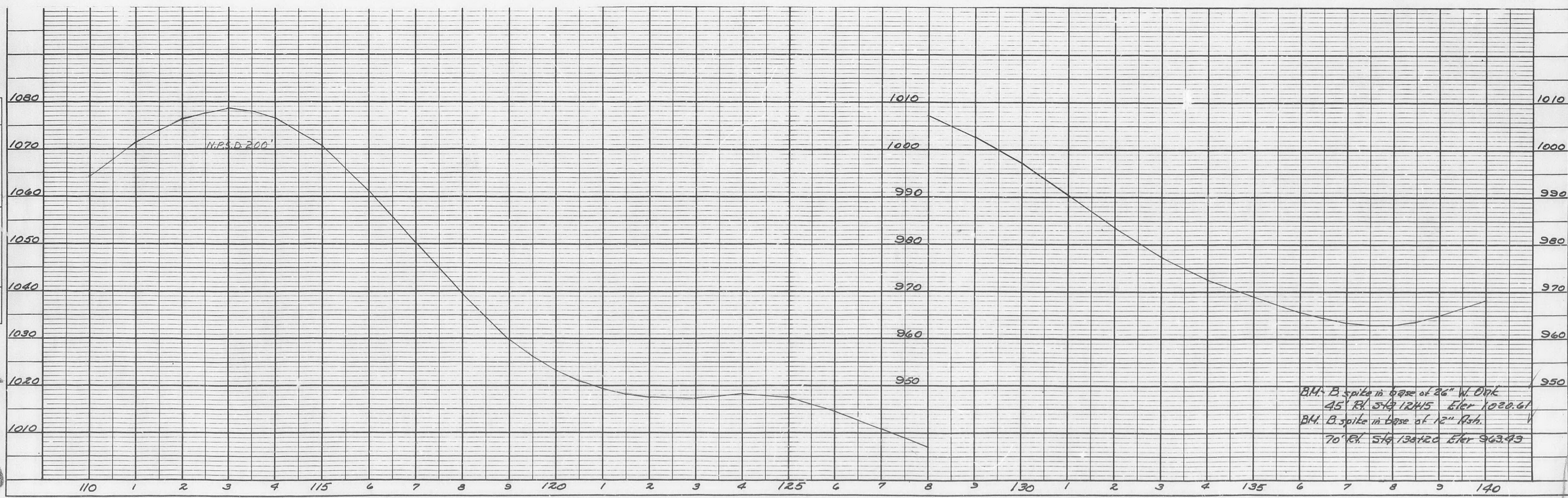


PLATE 1-PLAN-PROFILE O. P. R. & R. L. STANDARD
U. S. BLUE PRINT PAPER CO. - CHICAGO

PLAN	SURVEYED	DATE
	NOTE BOOK	BY
	ALIGNED	DATE
	BY	DATE



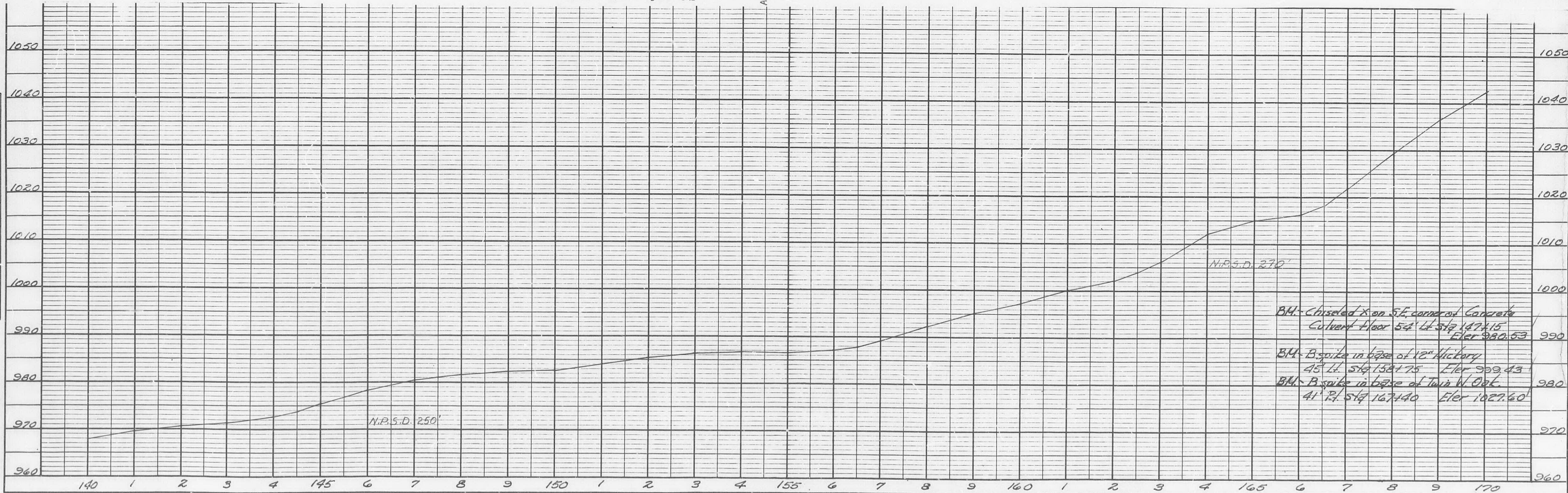
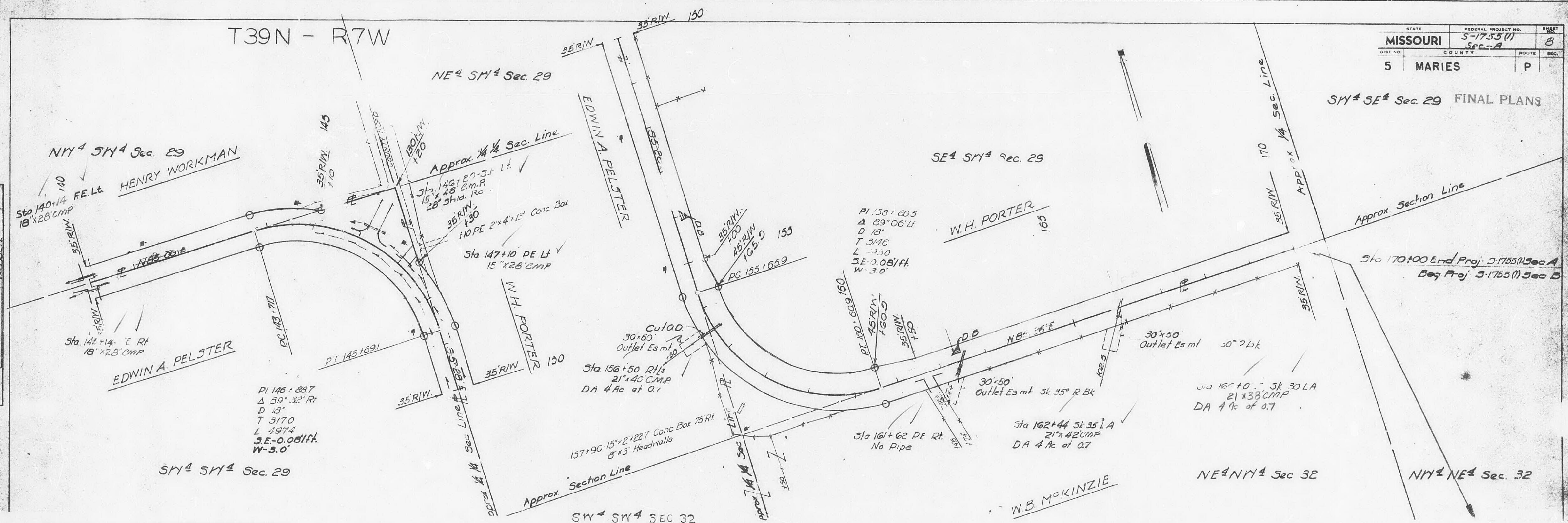
PROFILE	SURVEYED	DATE
	NOTE BOOK	BY
	GRADES CHECKED	DATE
	STRUCTURE NOTATION	DATE



PLAN	DATE	BY
NOTE BOOK	NO.	

PROFILE	DATE	BY
NOTE BOOK	NO.	

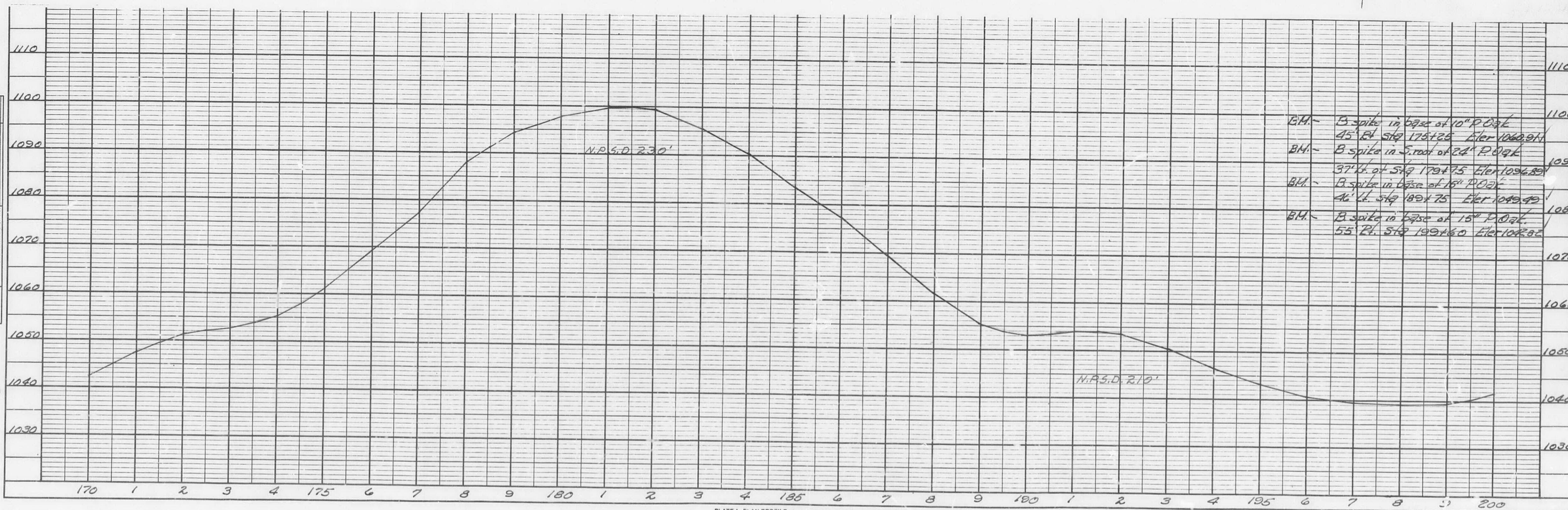
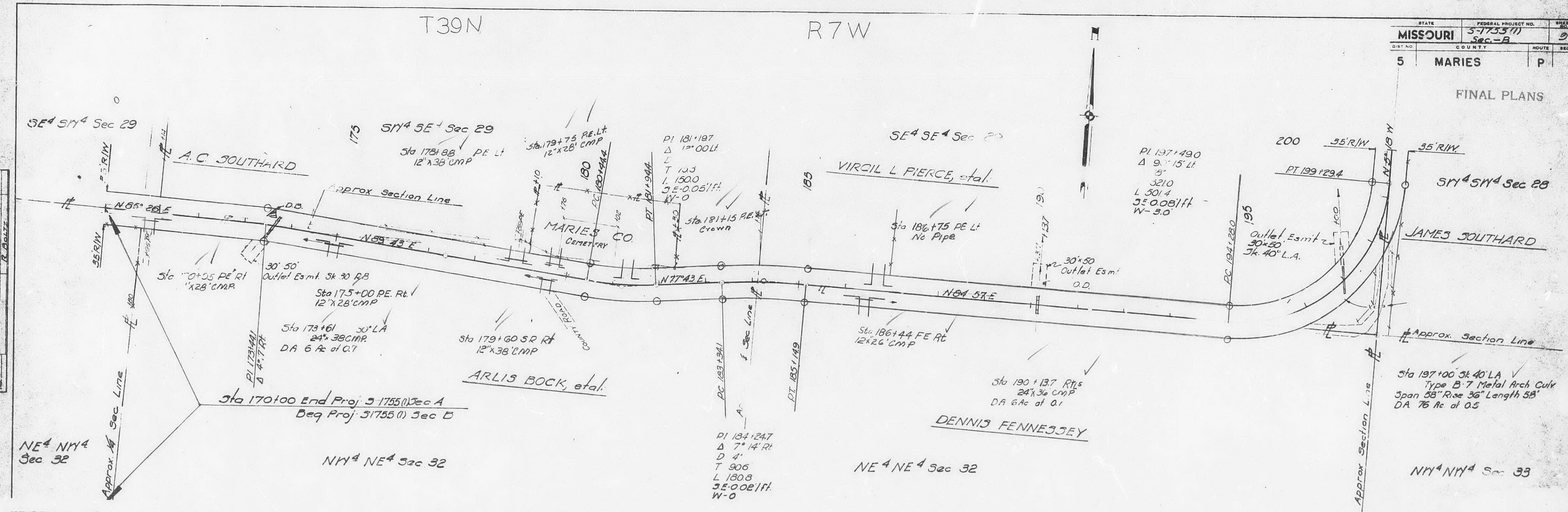
205



PLAN	DATE	BY
NOTE BOOK	3-17-55	R. B. LEE
NO.		

PROFILE	DATE	BY
NOTE BOOK	3-17-55	R. B. LEE
NO.		

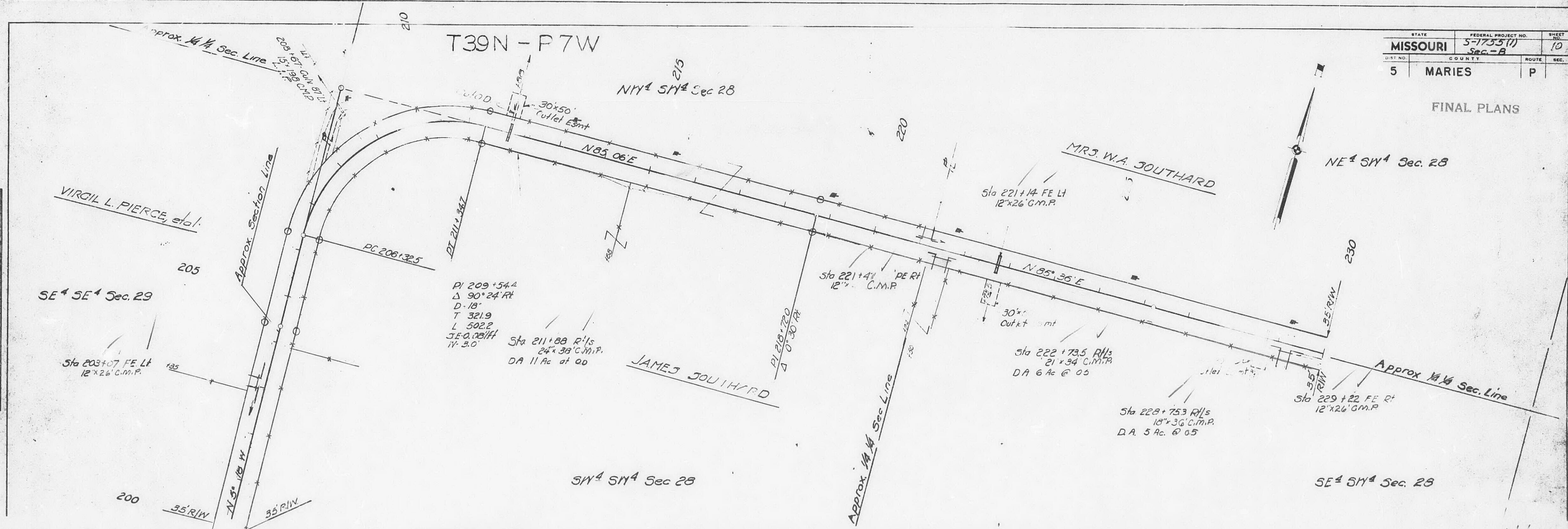
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PLAN	BY	DATE
	BY	DATE
NOTE BOOK	NO.	DATE
	NO.	DATE

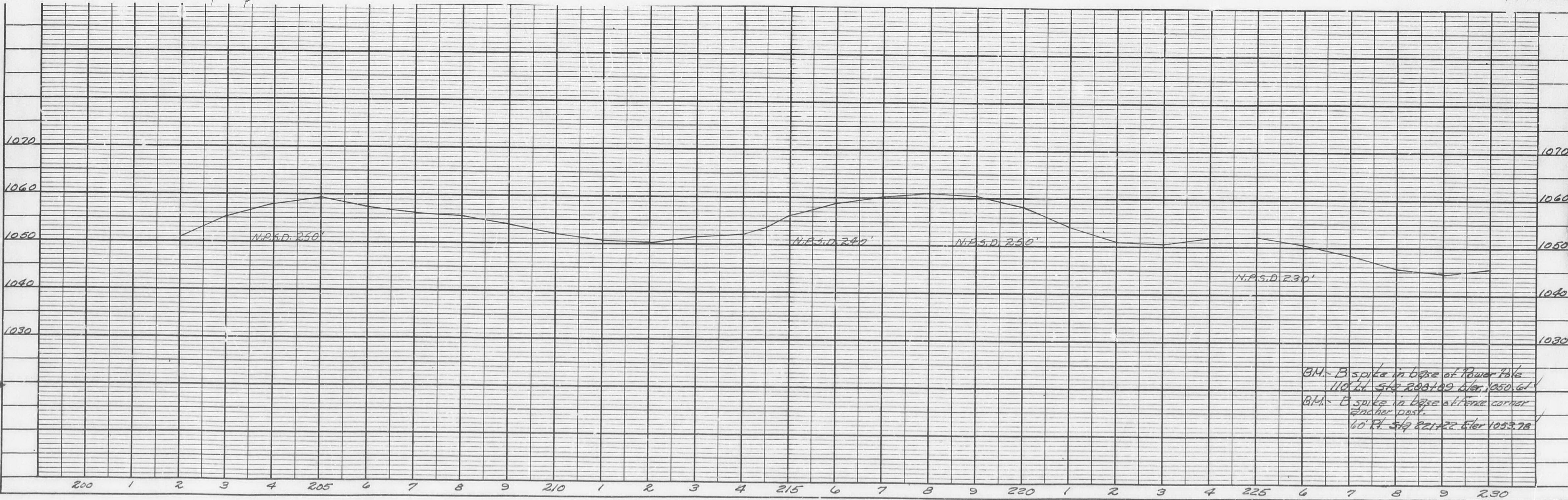
PROFILE	BY	DATE
	BY	DATE
NOTE BOOK	NO.	DATE
	NO.	DATE

207



STATE	FEDERAL PROJECT NO.	SHEET NO.
MISSOURI	5-7753(1)	10
DIST. NO.	COUNTY	ROUTE
5	MARIES	P

FINAL PLANS



B.M. - B spike in base of Power Pole
110 ft. Sta 203+07 Elev. 1050.61
B.M. - B spike in base of fence corner
60 ft. Sta 221+22 Elev. 1053.78

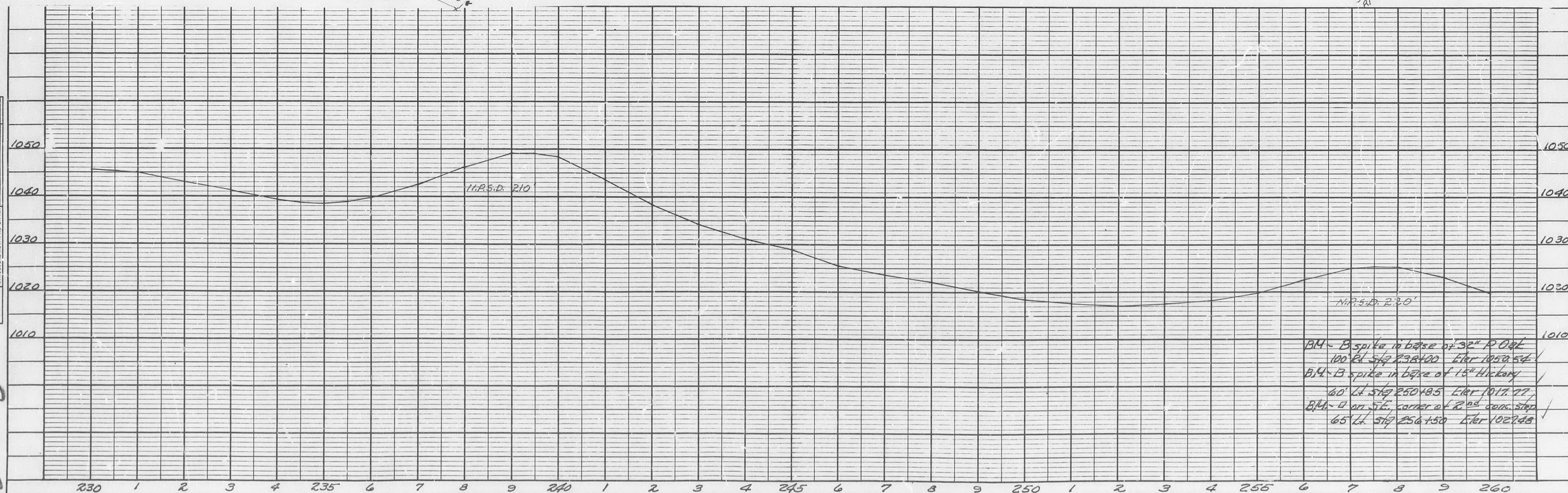


PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
U. S. BLUE PRINT PAPER CO.—CHICAGO

T39N - R7W

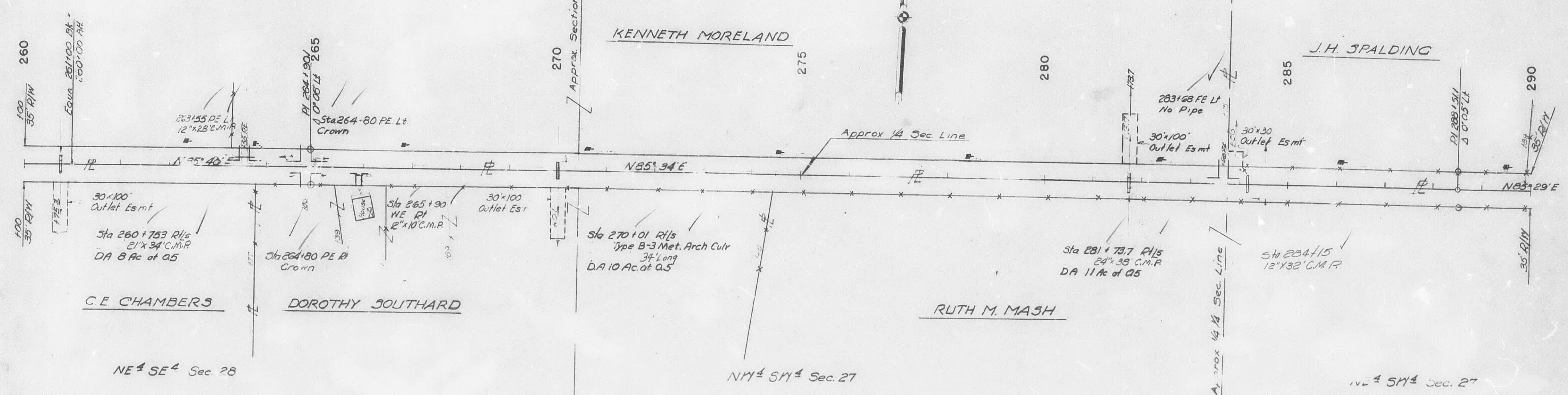
SE 1/4 NE 1/4 Sec. 28

1/4 NW 1/4

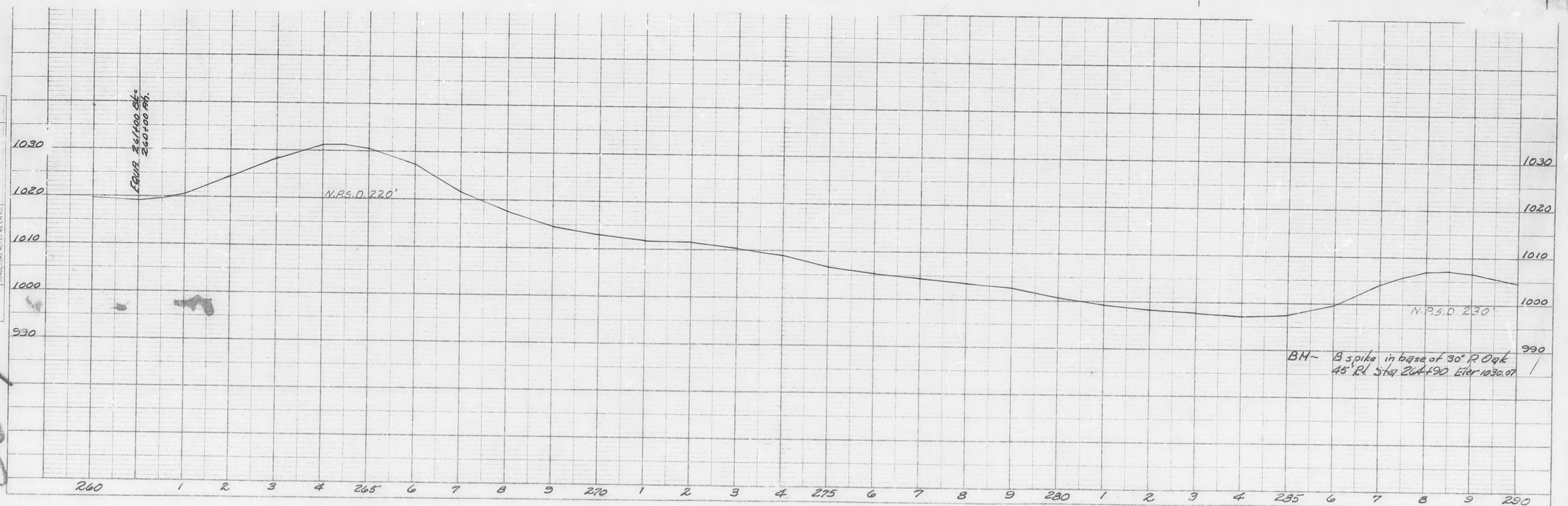
STATE	FEDERAL PROJECT NO.	SHEET NO.
MISSOURI	5-1753(1)	12
COUNTY	Sec. - B	
5	MARIES	P

SE 1/4 NW 1/4 Sec. 27 FINAL PLANS

DATE	BY
10/20/50	J. M. Holtz
NOTED	BY
10/20/50	J. M. Holtz
NOTED	BY
10/20/50	J. M. Holtz



DATE	BY
10/20/50	J. M. Holtz
NOTED	BY
10/20/50	J. M. Holtz
NOTED	BY
10/20/50	J. M. Holtz



PLAN	No. _____	NOTE BOOK	STATION	PLOTTER	ALIGNED ORIENTED	BY	DATE

FINAL PLANS

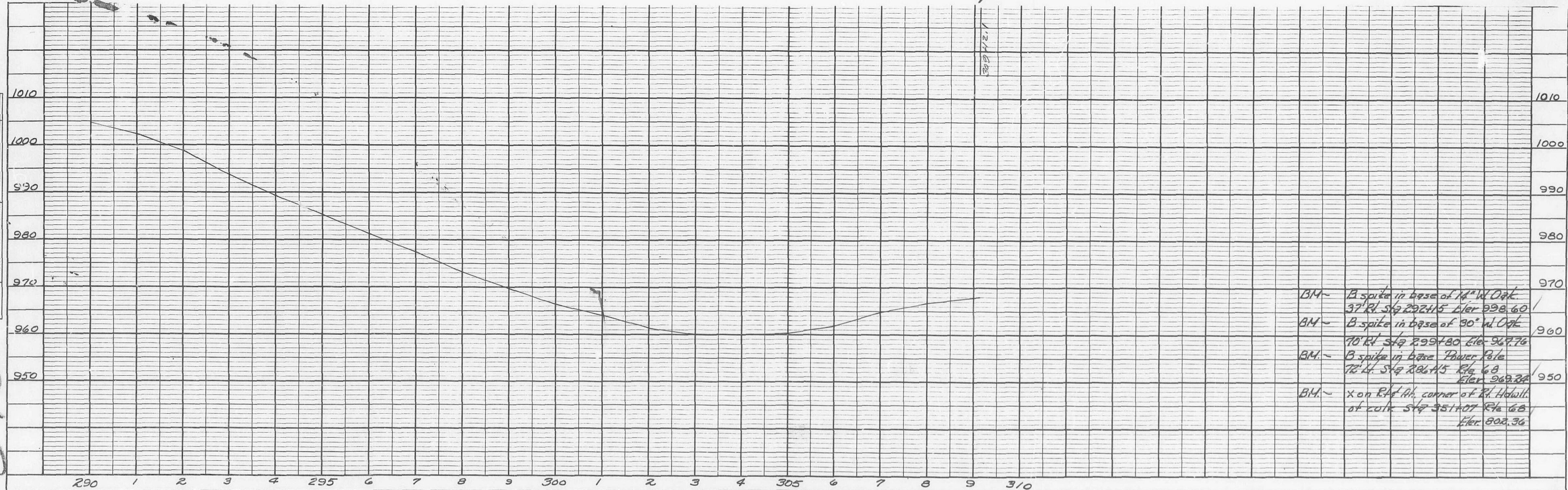
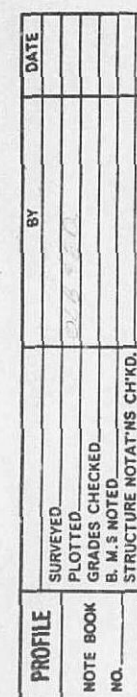
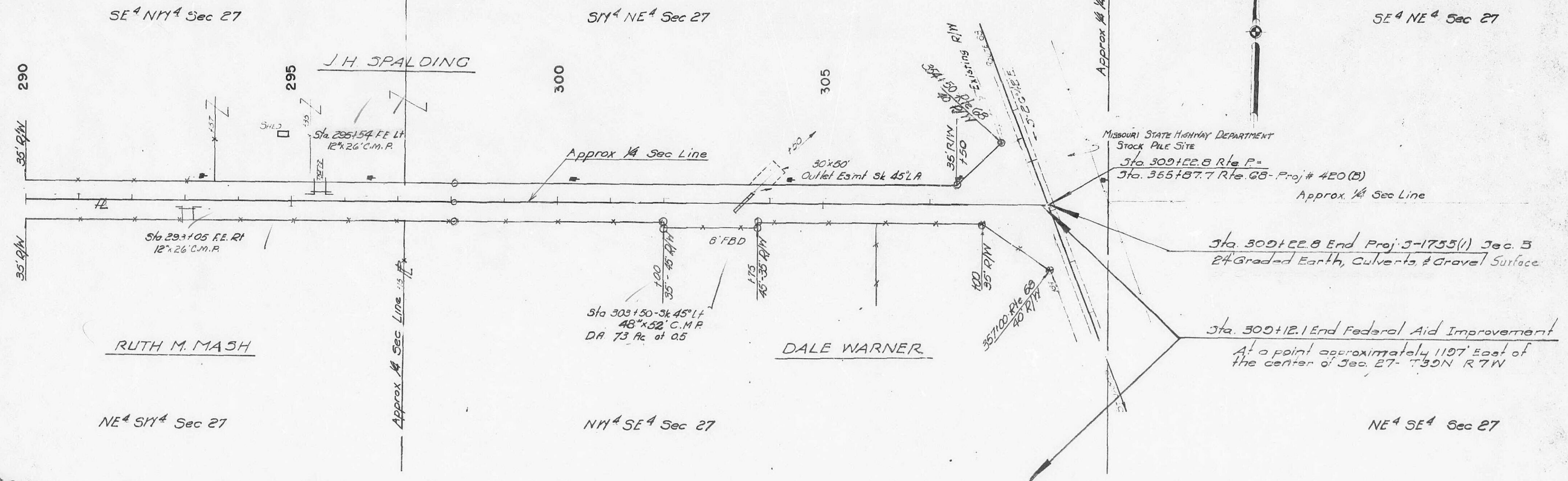
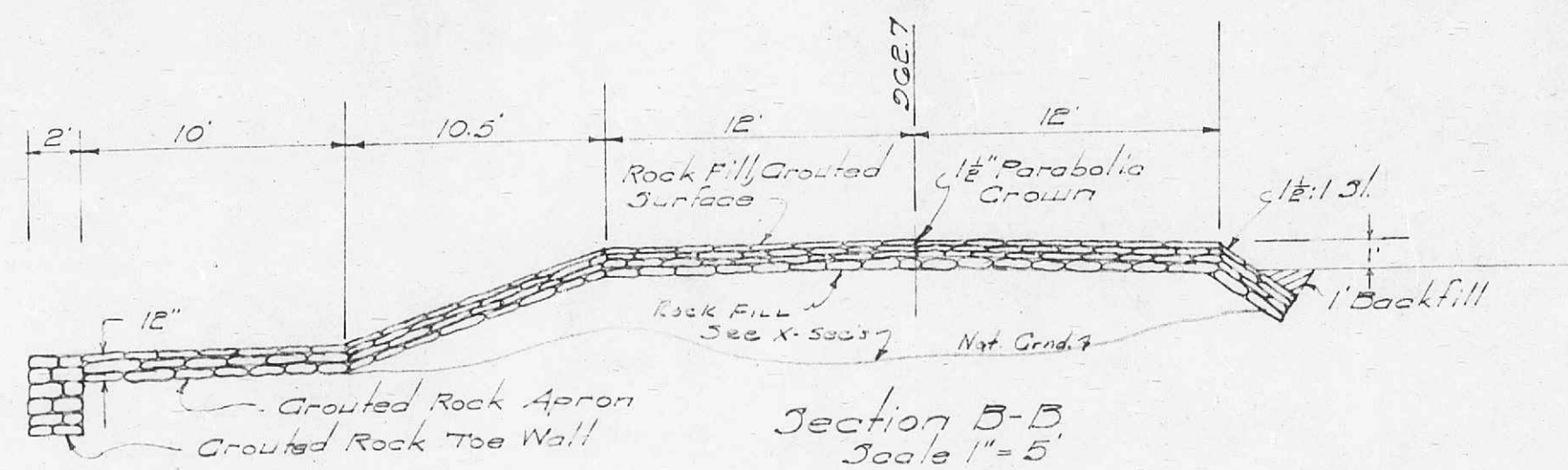
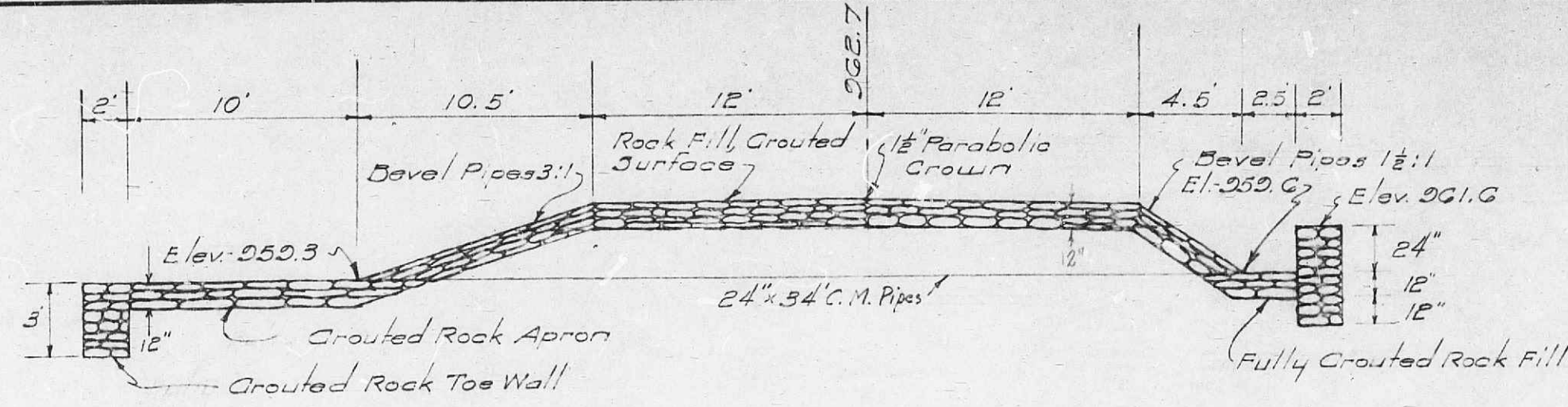
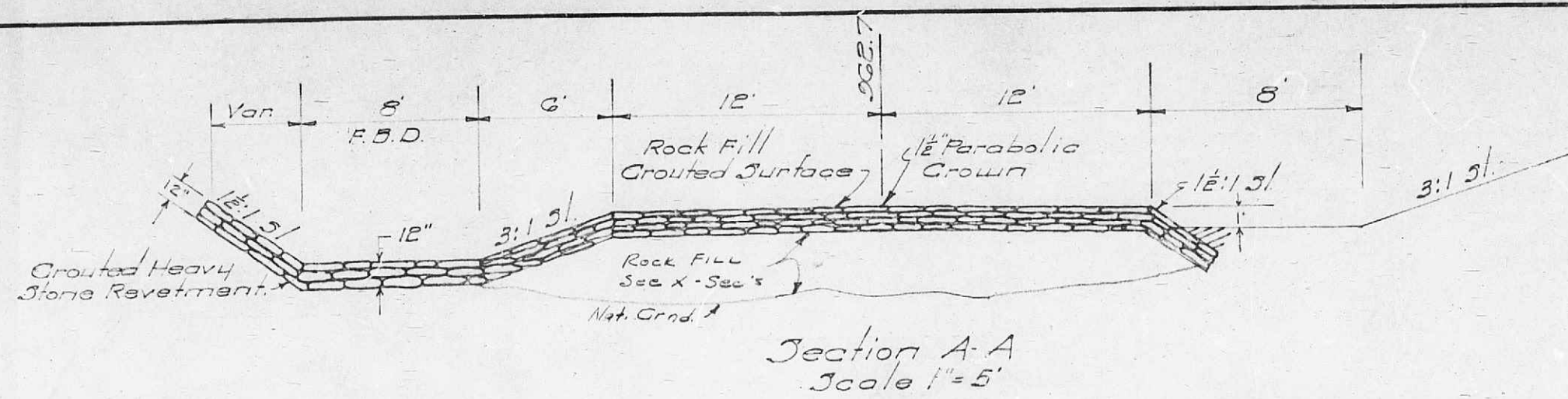
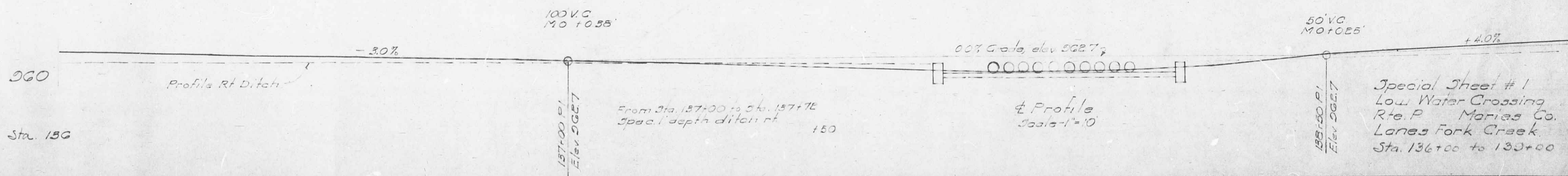
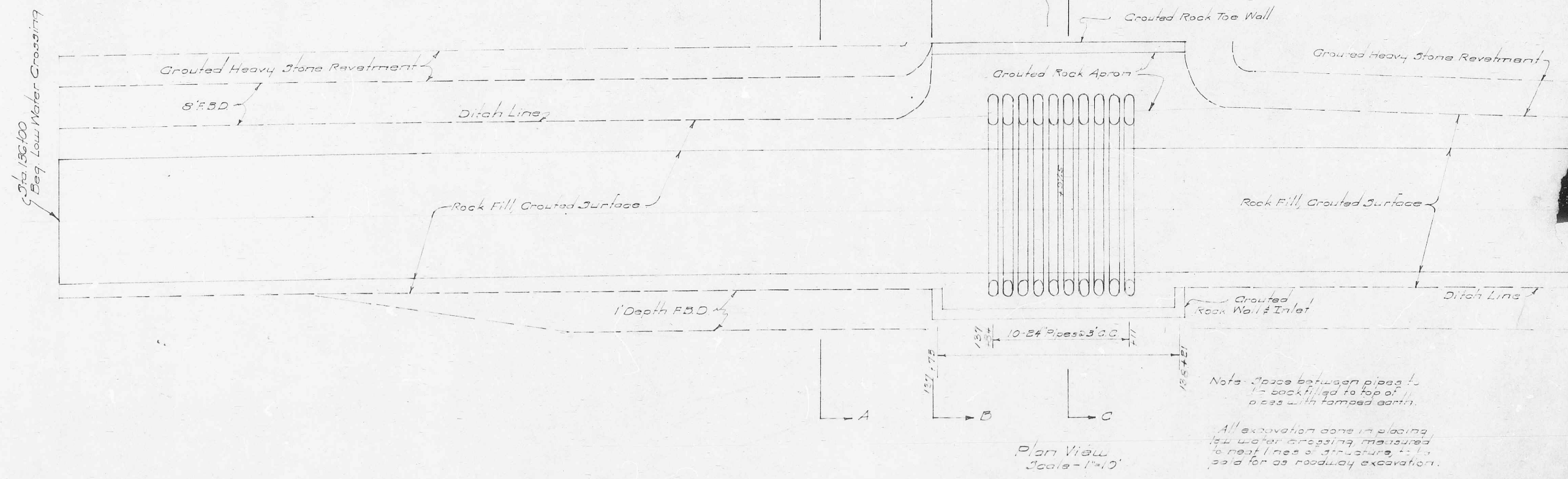


PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
U. S. BLUE PRINT PAPER CO.—CHICAGO



QUANTITIES		
Description	Units	No. Units
Furnishing Rock Fill	Cu. yds.	538
Placing Rock Fill	Cu. yds.	538
Grouted Rock Fill	Cu. yds.	117
Grouted Heavy Stone Revetment	Sq. yds.	370
Grouted Surface	Sq. yds.	113
10-24" x 34" Pipes	Lin. Ft.	340



DATE	BY
ORIGINAL SURVEY	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

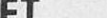
DATE	BY
ORIGINAL SURVEY	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

211

Low Water Crossing

Special Sheet # 1
Low Water Crossing
Rte. P Maries Co.
Lanes Fork Creek
Sta. 136+00 to 133+00

LIST OF STANDARD PLANS

PR JJ. <i>S-1755(1)A & B</i>	SHEET  <i>15</i>
CO. <i>MARIES</i>	RTE. <i>D</i>

[illegible]

2/2