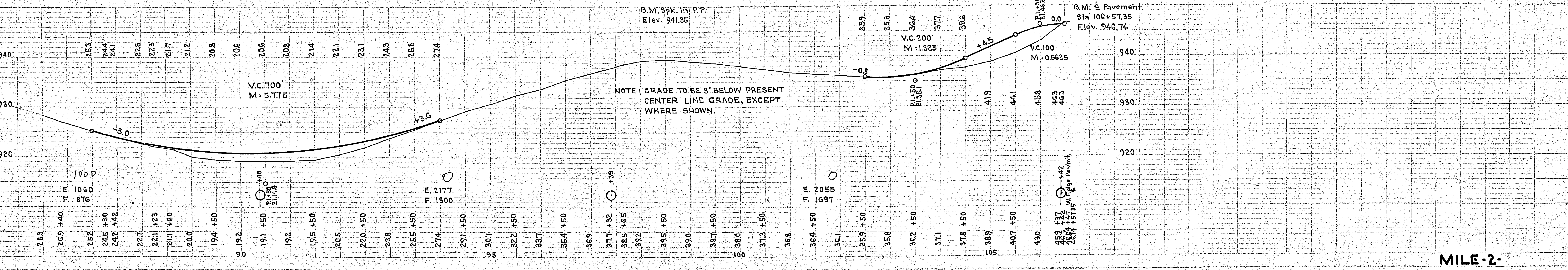
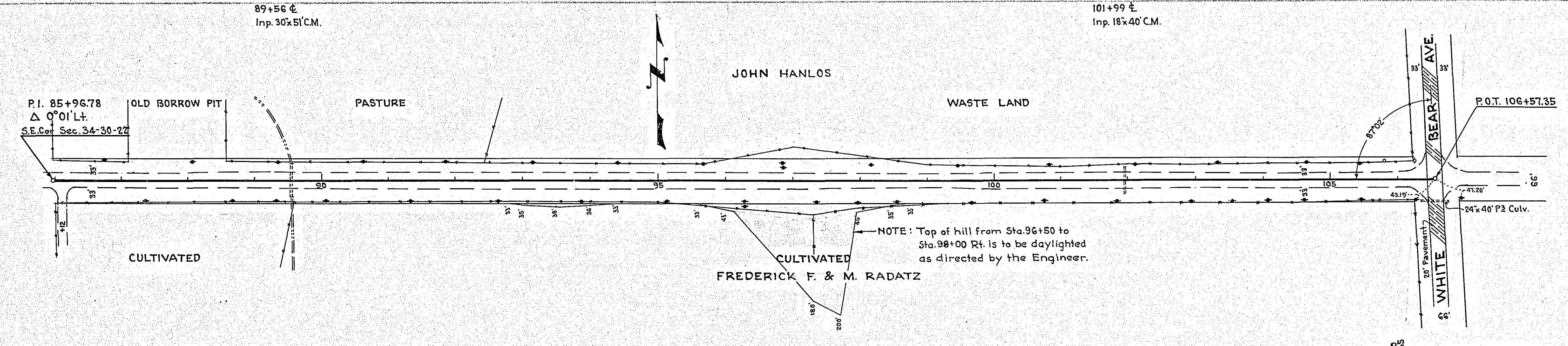
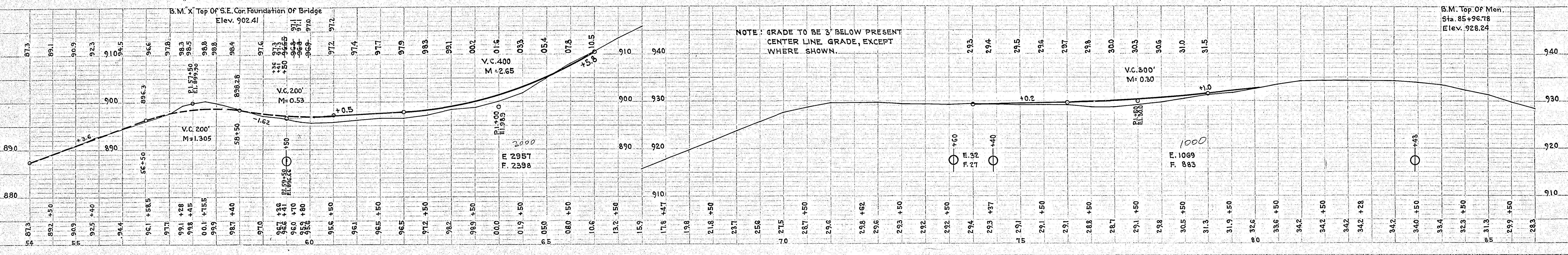
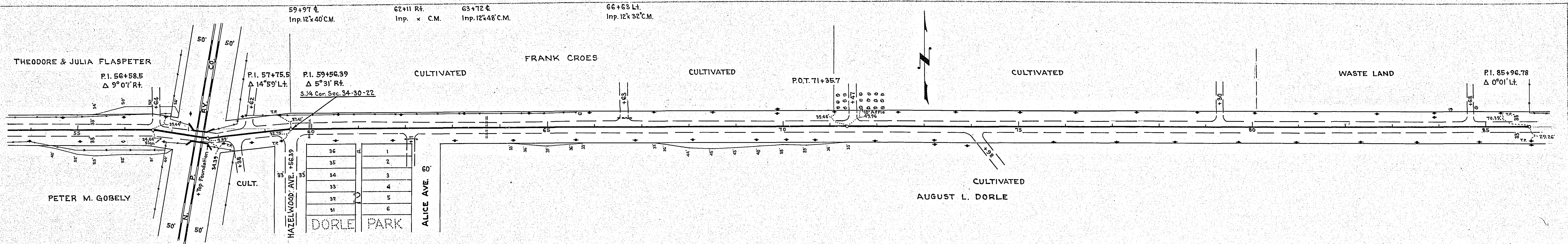


PLAN	DESIGNED	DATE
NOTED	BY	
CHECKED	BY	
APPROVED	BY	

PROFILE	DESIGNED	DATE
NOTED	BY	
CHECKED	BY	
APPROVED	BY	



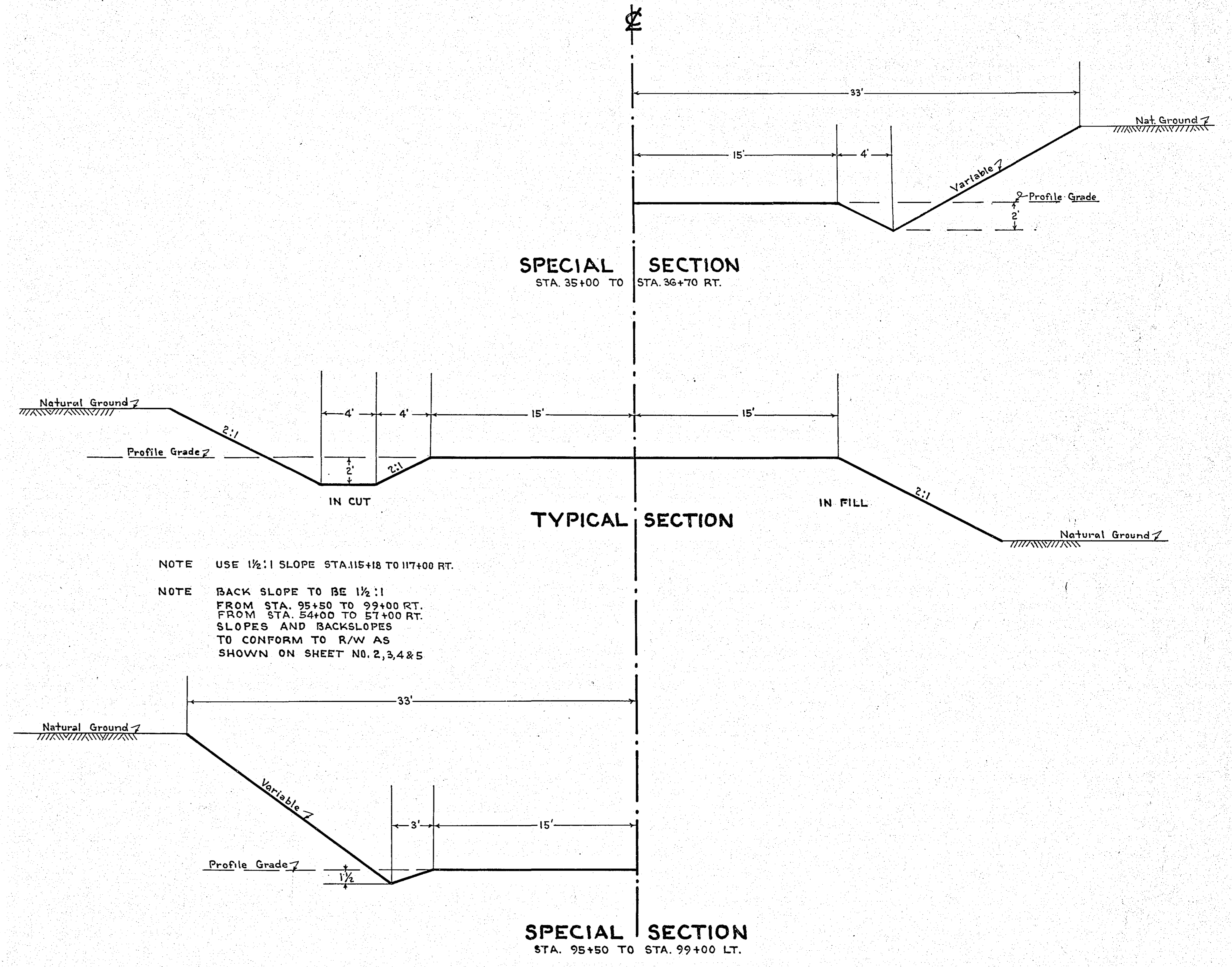
*Beary by
E. P. P.*

MILE - 2 -

STATEMENT OF ESTIMATED QUANTITIES

CLASS	ITEM	UNIT	MILE 1	MILE 2	MILE 3	MILE 4	MILE	MILE	MILE	MILE	MILE	TOTAL ESTIMATED QUANTITIES
			From 0+00 To 57+28	From 59+56 To 106+42	From 101+00 To 164+91	From 165+22 To 191+23	From To	From To	From To	From To	From To	
GRADING	1 Clearing	Trees										
	2 Grubbing	Trees										
	3 Clearing	Acres										
	4 Grubbing	Acres										
	5 Excavation Earth	Cu. Yds.	9278	9350	9574	5072						
	6 Excavation Loose Rock	Cu. Yds.										
	7 Excavation Solid Rock	Cu. Yds.										
	8 Excavation Overhaul	Cu. Yds.										
	9 Excavation Special	Cu. Yds.										
	10 Excavation Hand Ditch	Cu. Yds.										
	11 Install 12" C.M.	Lin. Ft.										
	12 Install 15" C.M.	Lin. Ft.										
	13 Install 18" C.M.	Lin. Ft.										
	14 Install 24" C.M.	Lin. Ft.										
	15 Install	Lin. Ft.										
	16 Install	Lin. Ft.										
	17 Install 18" Ps	Lin. Ft.										
	18 Install 24" Ps	Lin. Ft.										
	19 Install 30" Ps	Lin. Ft.										
	20 Install 36" Ps	Lin. Ft.										
	21 Install	Lin. Ft.										
	22 Install	Lin. Ft.										
	23 Remove Old Culvert	Lin. Ft.										
	24 Replace Old Culvert	Lin. Ft.										
	25 Finishing and Seeding	100 Sq.Yds.										
	26 Rubble Gutter	Cu. Yds.										
	27 Headwall Concrete	Cu. Yds.										
	28 Headwall Steel	Lbs.										
	29											
	30											
	31											
	32											
C.M. CULVERTS	1 Furnish 12" C.M.	Lin. Ft.										
	2 Furnish 15" C.M.	Lin. Ft.										
	3 Furnish 18" C.M.	Lin. Ft.										
	4 Furnish 24" C.M.	Lin. Ft.										
	5 Furnish	Lin. Ft.										
	6 Furnish	Lin. Ft.										
	7 Furnish 12" C.M. Band	Each										
	8 Furnish 15" C.M. Band	Each										
	9											
	10											
P.S. CULVERTS	1 Furnish 18" Ps	Lin. Ft.										
	2 Furnish 24" Ps	Lin. Ft.										
	3 Furnish 30" Ps	Lin. Ft.										
	4 Furnish 36" Ps	Lin. Ft.										
	5											
	6											
GUARD RAIL	1 Guard Rail - Cable	Lin. Ft.										
	2 Guard Rail Anchors	Each										
	3 Dummy Posts	Each										
	4											
SIDEWALKS AND CURBING	1 Concrete Curb - Straight	Lin. Ft.										
	2 Concrete Curb - Radius	Lin. Ft.										
	3 Remove Old Curb	Lin. Ft.										
	4 Remove Old Curb and Gutter	Lin. Ft.										
	5 Remove Old Sidewalk	Sq. Ft.										
	6 Replace Old Sidewalk	Sq. Ft.										
	7 Construct New Sidewalk	Sq. Ft.										
	8 Curb Inlet	Each										
	9 Catch Basin Complete	Each										
	10											
	11											
	12											
SEWER	1 12" Vitrified Sewer Pipe	Lin. Ft.										
	2 15" Vitrified Sewer Pipe	Lin. Ft.										
	3 18" Vitrified Sewer Pipe	Lin. Ft.										
	4 20" Vitrified Sewer Pipe	Lin. Ft.										
	5 24" Vitrified Sewer Pipe	Lin. Ft.										
	6 Manhole Complete	Each										
	7 Catch Basin Complete	Each										
	8											
	9											
	10											
SURFACE	1 Loading Gravel	Cu. Yds.										
	2 Hauling Gravel	C. Y. Mi.										
	3 Shaping & Compacting	Cu. Yds.										
	4 Oil	Gal.										
	5 Cut-back	Sq. Yds.										
	6											
	7											
	8											
STRUCTURES	1 Concrete	Cu. Yds.										
	2 Reinforcing Steel	Lbs.										
	3 Excavation	Cu. Yds.										
	4 Piling	Lin. Ft.										
	5											
	6											
	7											
	8											
	9											
	10											

DETAILS



OFFICE OF
RAMSEY COUNTY SURVEYOR
HARRY S. BRONSON
GRADING PLAN OF
COUNTY ROAD "D"
FROM LABORE ROAD TO EAST COUNTY LINE.
SEPT. 1938 SCALE AS SHOWN.

PLANS APPROVED 8/13 1938 *Harry S. Bronson*
COUNTY SURVEYOR
APPROVED 9/19 1938 *[Signature]*
CHAIRMAN COUNTY BOARD

DATE	
BY	
PROJECT	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS REVISIONS	
NO. OF SHEETS SUBMITTALS	
NO. OF SHEETS CONTRACT	

DATE	
BY	
PROJECT	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS REVISIONS	
NO. OF SHEETS SUBMITTALS	
NO. OF SHEETS CONTRACT	

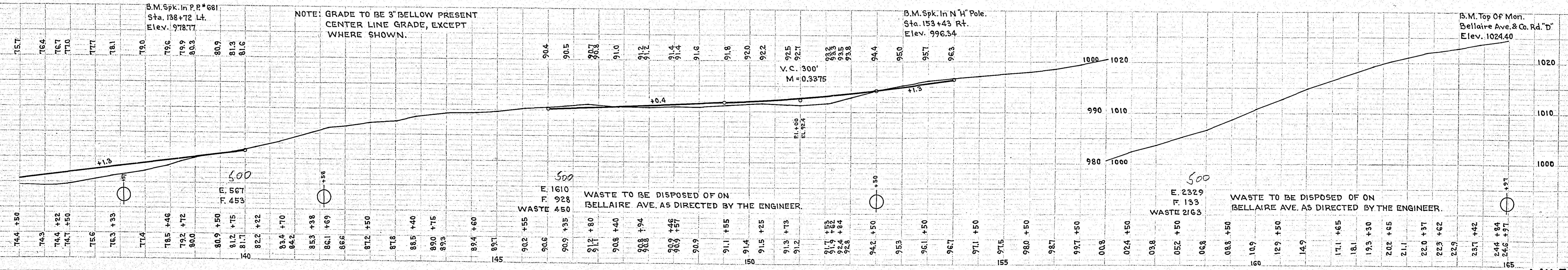
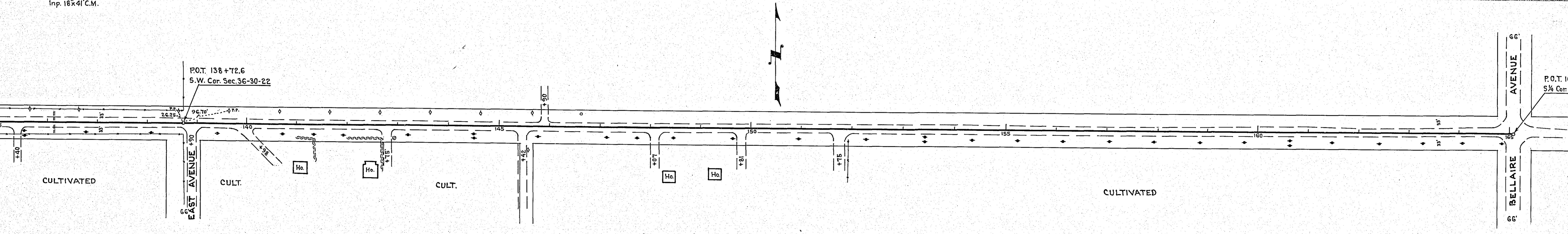
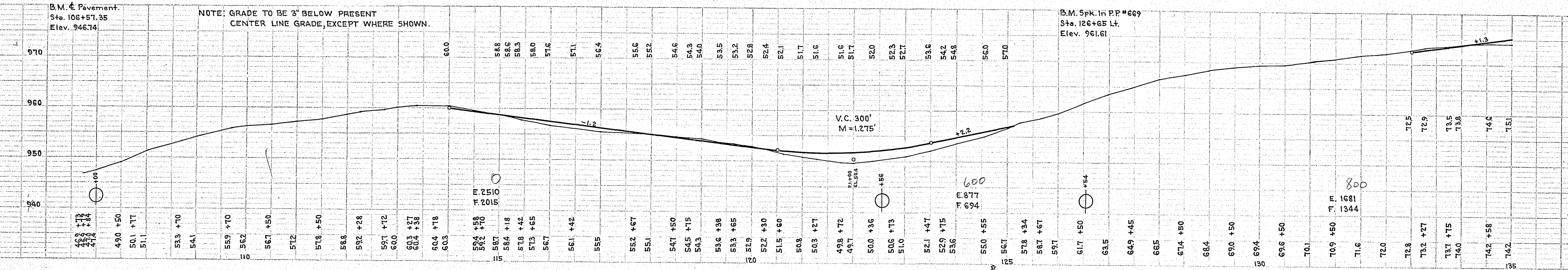
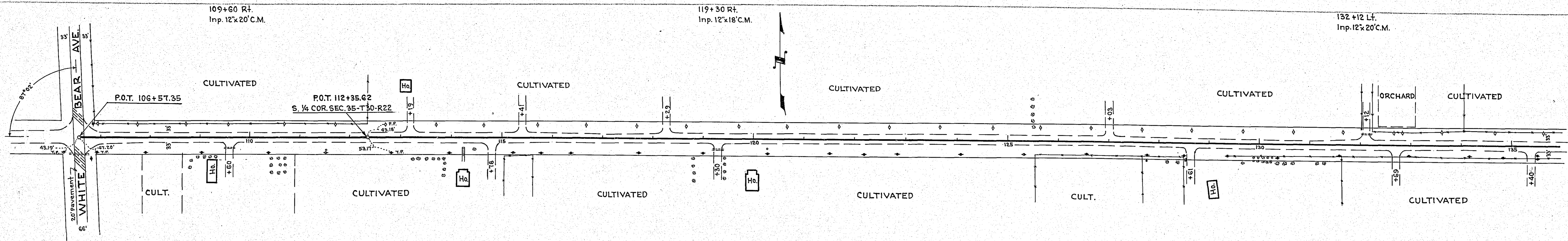
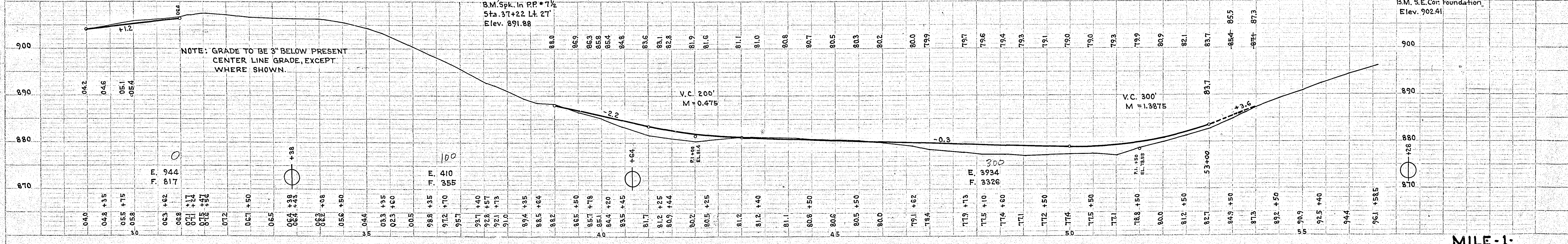
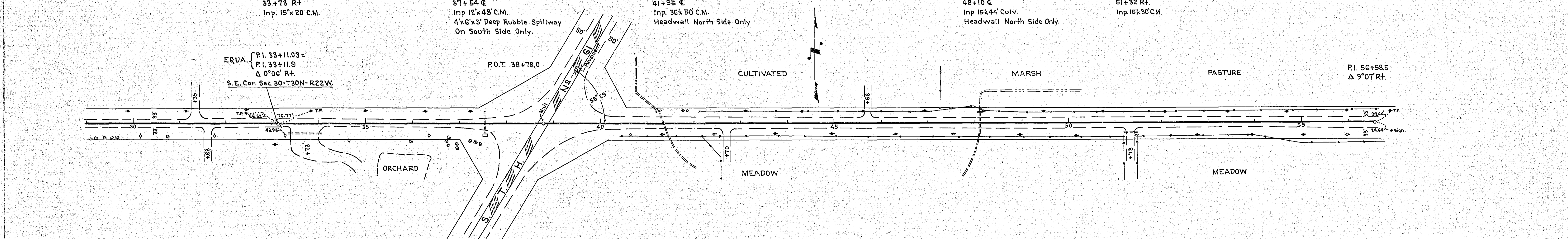
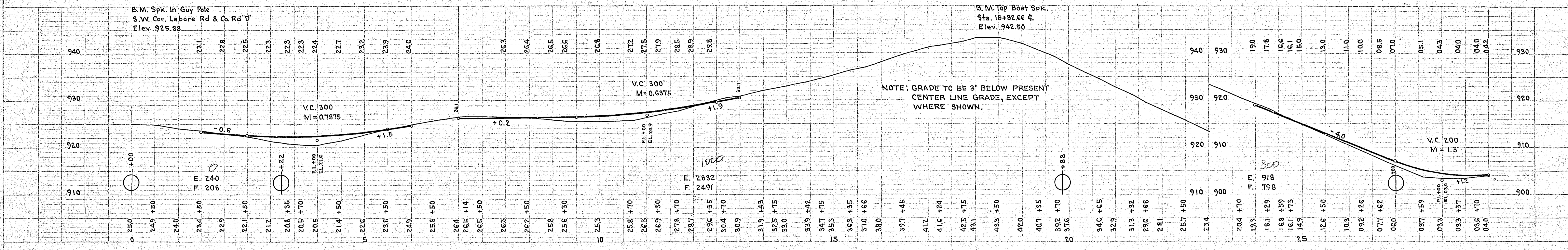
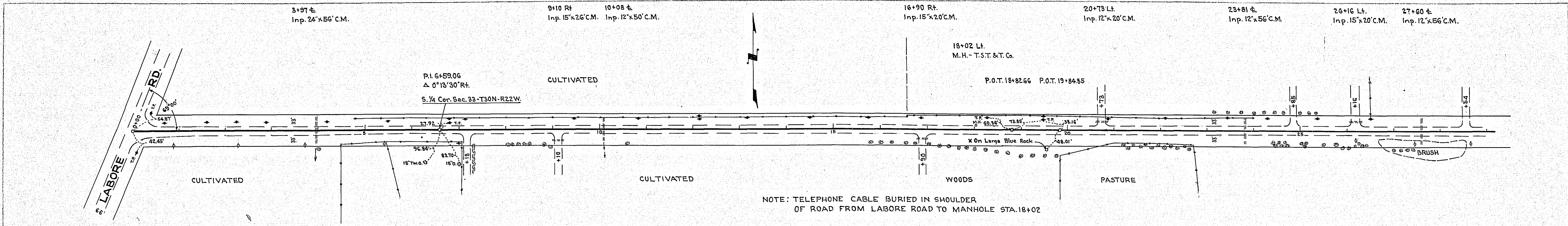


PLATE 2 - PLAN - PROFILE AND ELEVATION DATA
 REVISIONS & CHANGES TO BE MADE

MILE-3

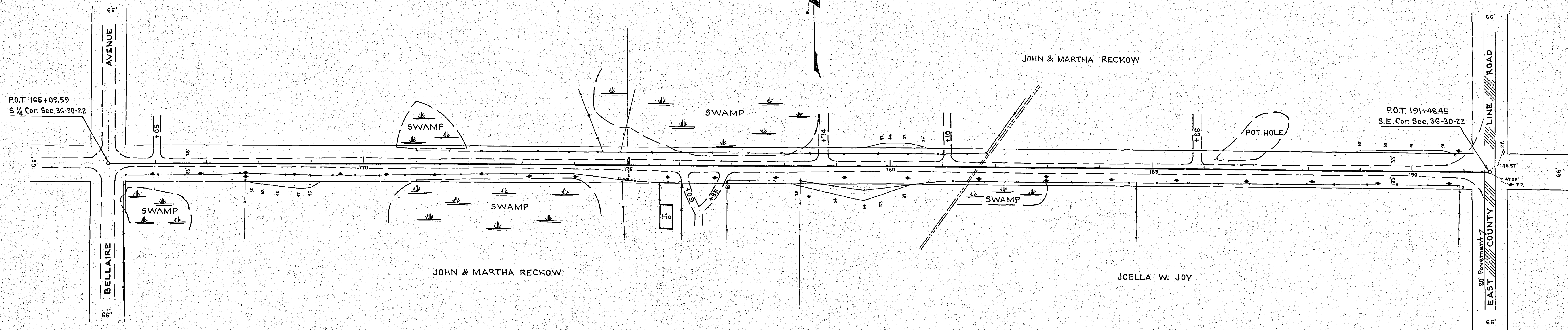
DATE: _____
 BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 ALIGNED CHECKED: _____
 P.T. OF WAY CHECKED: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PROFILE: _____
 NOTE BOOK: _____
 S. & M. CHECKED: _____
 P.T. OF WAY CHECKED: _____

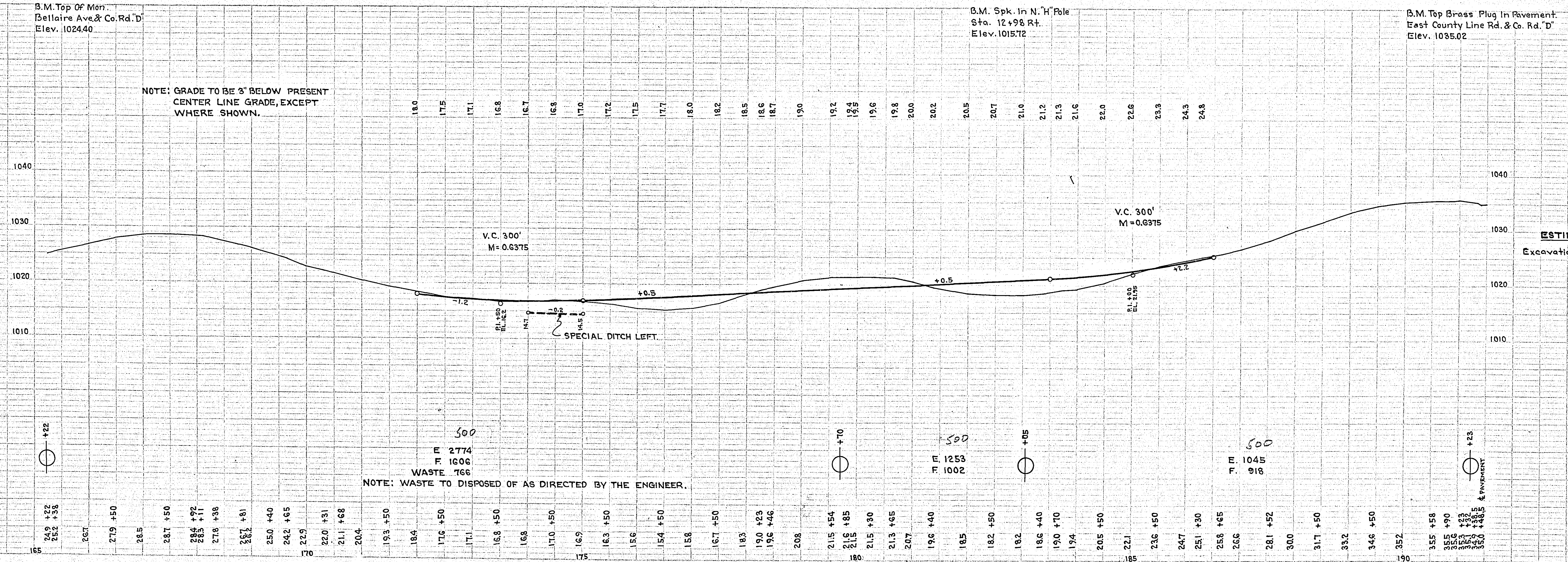


174+94 R.L. 175+04 C. 181+66 C.
 Inp. 12'x20' C.M. Inp. 18'x36' C.M. Inp. 18'x86' C.M.

PLAN	REVISIONS
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



PROFILE	REVISIONS
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



MILE-4

PLATE 1 - PLAN-PROFILE
 HARRIS & FISHER CO., NEW YORK