

INDEX OF SHEETS	
SHEET NO. 1	TITLE PAGE
2	TYPICAL CROSS-SECTION OF IMPROVEMENT
3	BANKING AND WIDENING TABLES
4	PLAN AND PROFILE

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT
**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY**
FEDERAL AID PROJECT
TOWNS OF ESSEX - JERICHO - RICHMOND

STATE	FED. AID	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VT.				

Project # FAP 240A(1)
Pin # 00R488
Route VT 117
Date 1/1/1941

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL

Rte
Town of VT 117
(To Be Returned To R.O.W. Division)

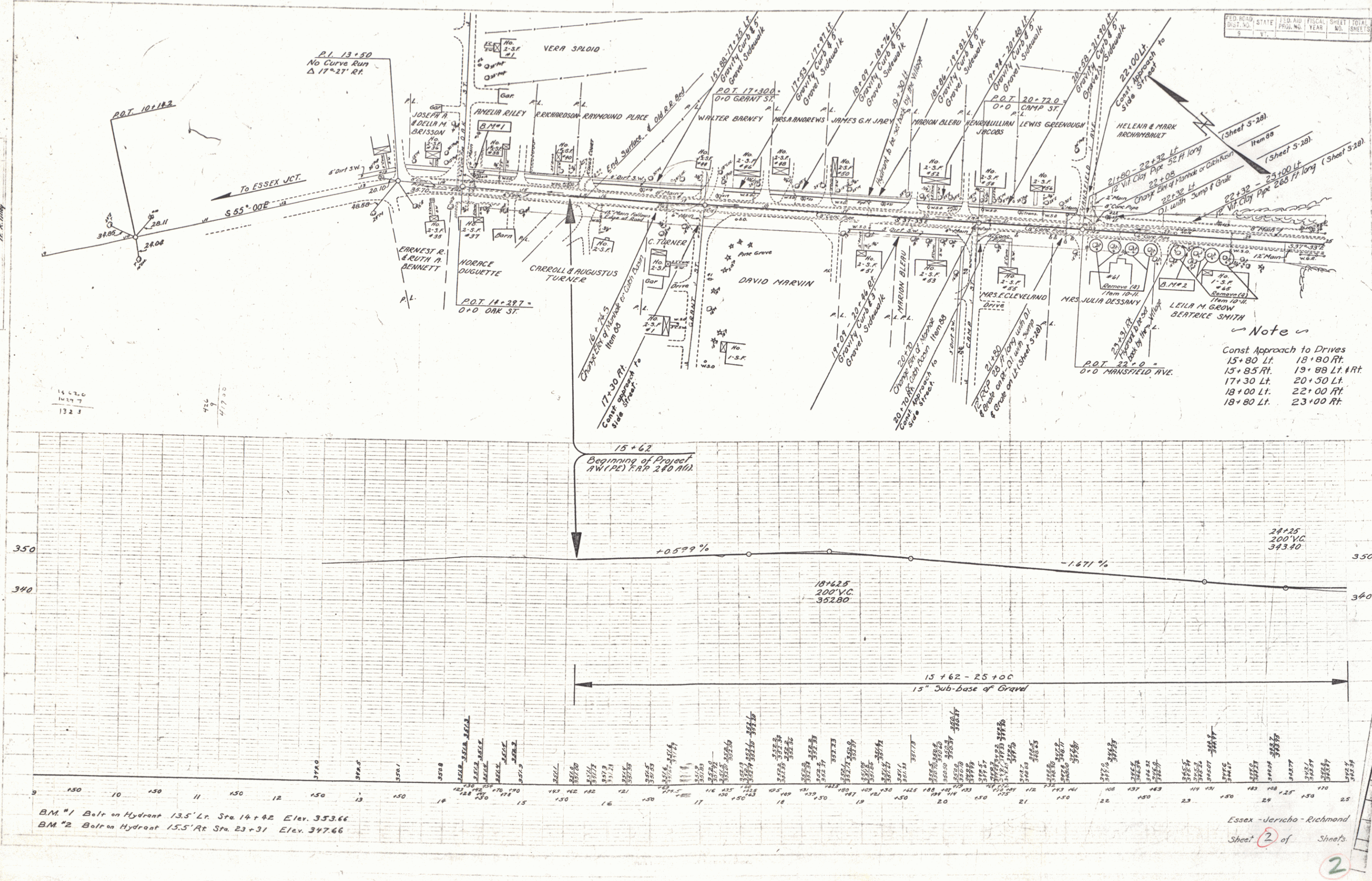
COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
CENTER LINE
SURVEY LINE
VERT.
DROP INLET
POWER POLE
TELEPHONE POLE
TREES
HEDGE

CURVE DATA
DEFLECTION ANGLE..... Δ
DEGREE OF CURVE.....D
RADIUS OF CURVE.....R
TANGENT DISTANCE.....T
LENGTH OF CURVE.....L
EXTERNAL DISTANCE.....E
POINT OF INTERSECTION.....P. I.
POINT OF CURVE.....P. C.
POINT OF TANGENT.....P. T.
POINT ON TANGENT.....P. O. T.

SCALES
TITLE.....1"=100'
TYPICAL.....1"=100'
PLAN.....1"=100'
PROFILE.....1"=100'
HORIZONTAL.....1"=100'
VERTICAL.....1"=100'
CROSS SECTIONS.....1"=100'

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COMMISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1936, AS APPROVED DECEMBER 29TH, 1936 BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED ROAD ENGINEER	APPROVED DISTRICT HIGHWAY COMMISSIONER	SERIES F NO. 240A(1) FILED SHEET 1 OF
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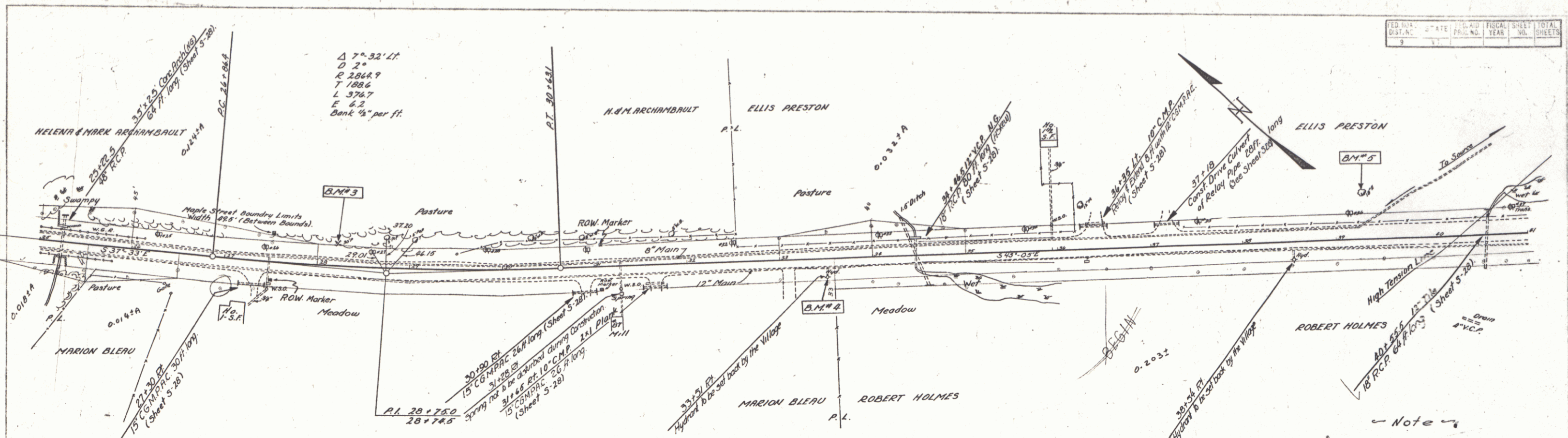
FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	Vt.	1914	2	10

Note
Const. Approach to Drives
15+80 Lt. 18+80 Rt.
15+85 Lt. 19+88 Lt. & Rt.
17+30 Lt. 20+50 Lt.
18+00 Lt. 22+00 Rt.
18+80 Lt. 23+00 Rt.

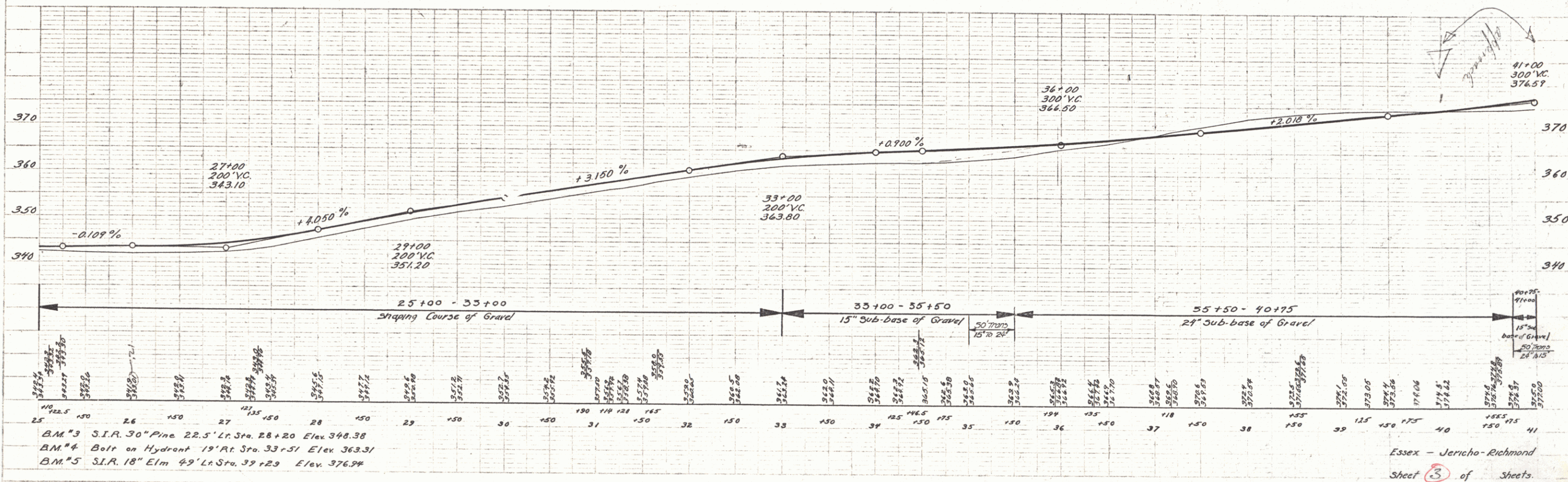
B.M. #1 Bolt on Hydrant 13.5' Lt. Sta. 14+42 Elev. 353.66
B.M. #2 Bolt on Hydrant 15.5' Rt. Sta. 23+31 Elev. 347.66

PLAN
 DATE
 BY
 CHECKED
 APPR.
 TITLE
 SHEET NO.
 OF SHEETS

FED. ROAD DIST. NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
9	VT			3	

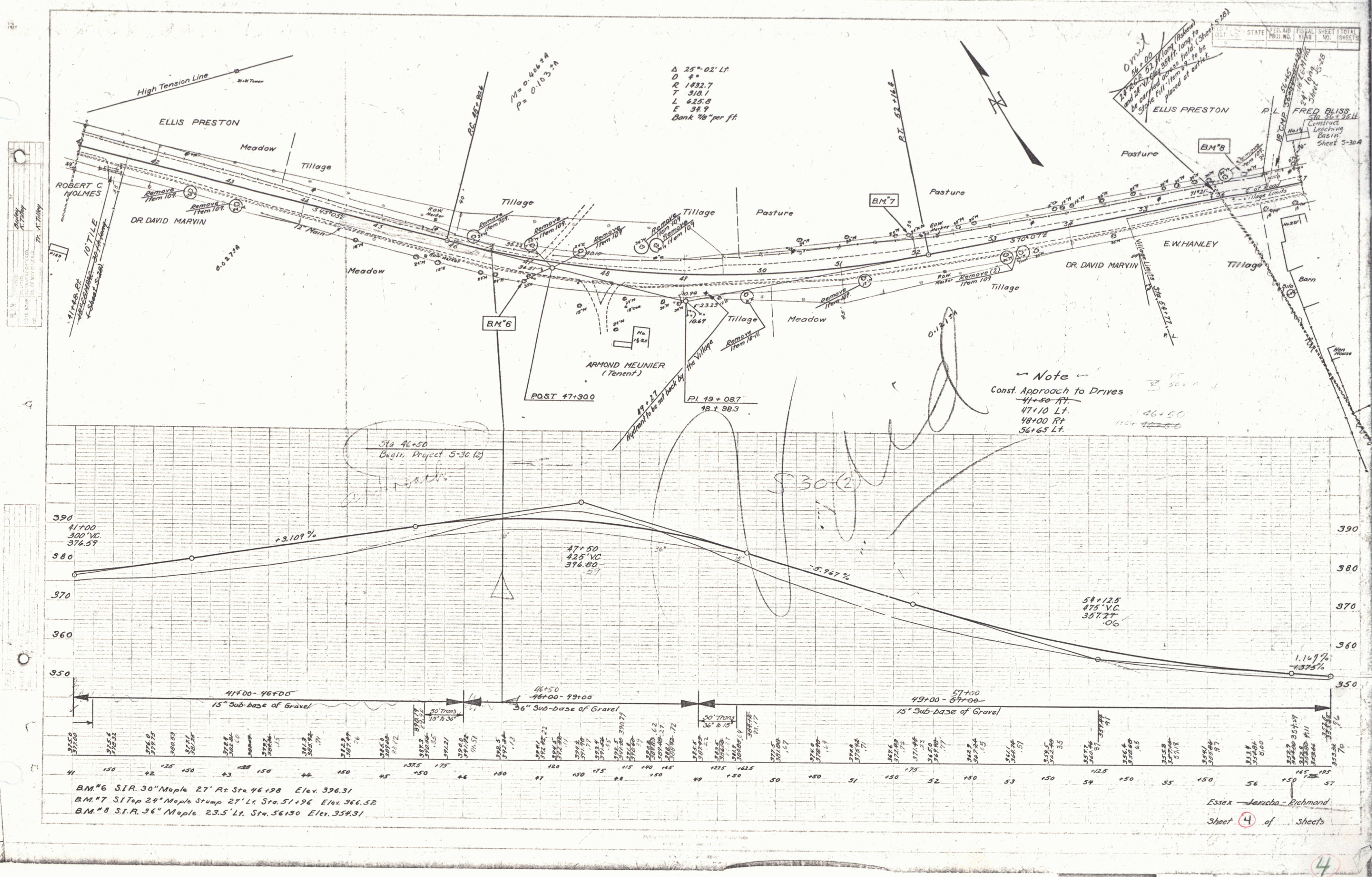


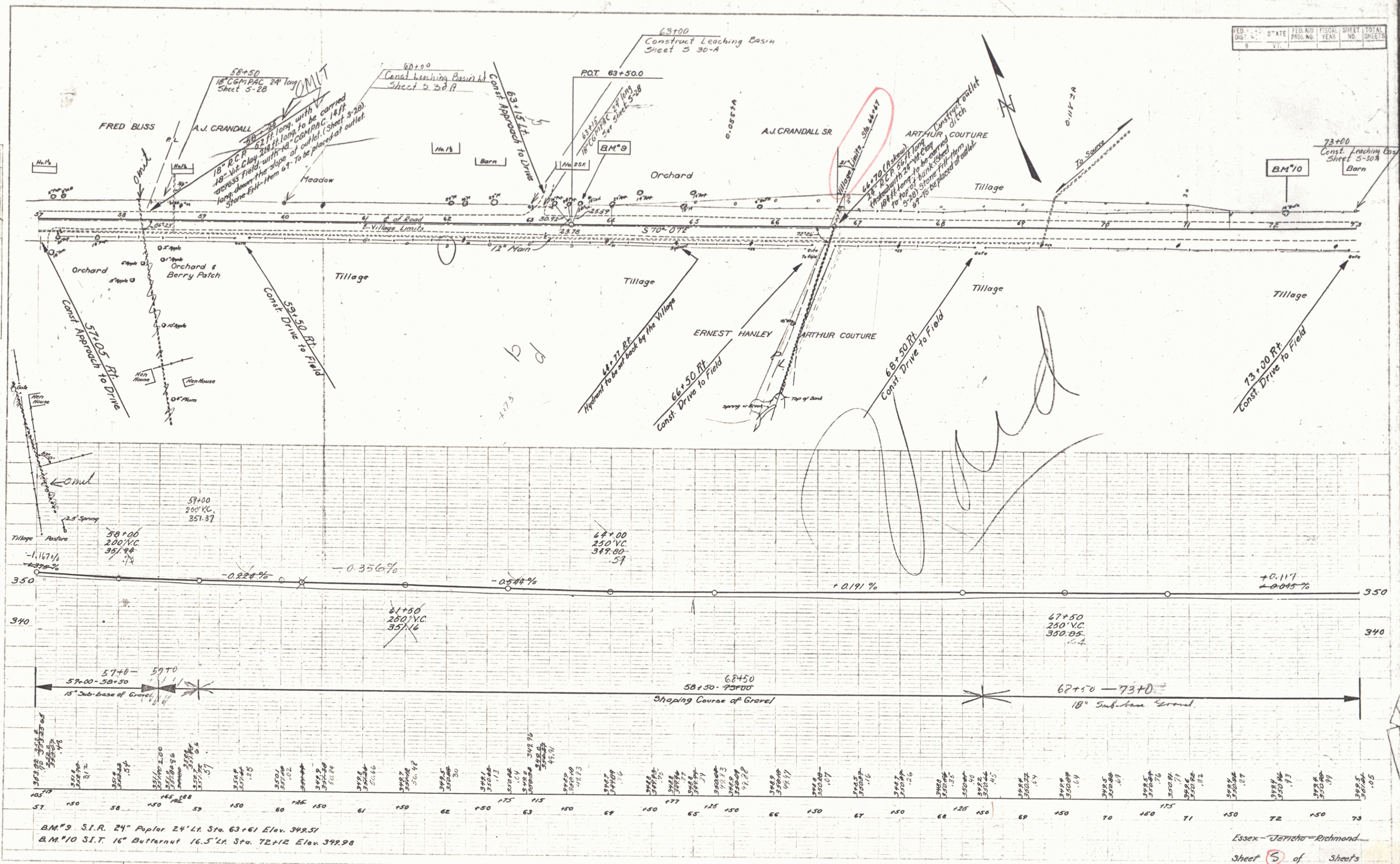
Note
 Const. Approach to drives
 27+35 Rt. 33+00 Rt.
 30+90 Rt. 36+35 Lt.
 31+65 Rt. 37+18 Lt.



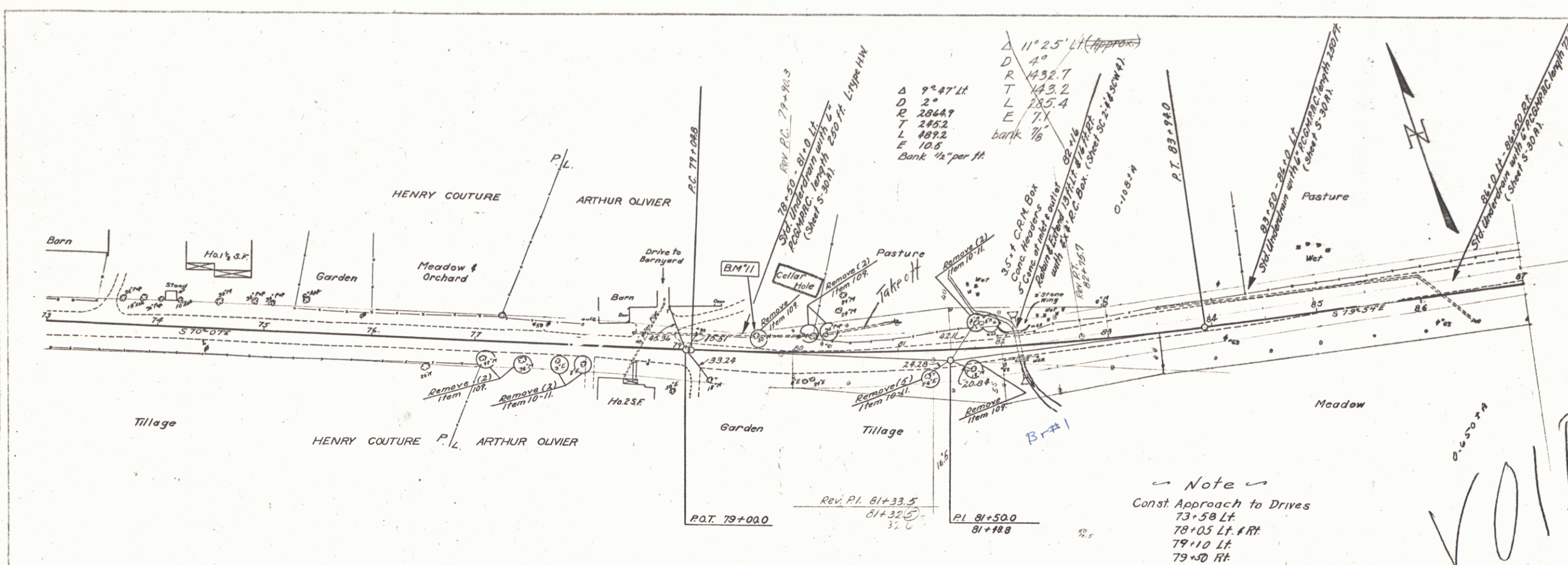
BM #3 S.I.R. 30" Pine 22.5' Lt. Sta. 28+20 Elev. 348.38
 BM #4 Bolt on Hydrant 19' Rt. Sta. 33+51 Elev. 363.31
 BM #5 S.I.R. 18" Elm 49' Lt. Sta. 39+29 Elev. 376.94

Essex - Jericho - Richmond
 Sheet 3 of 3



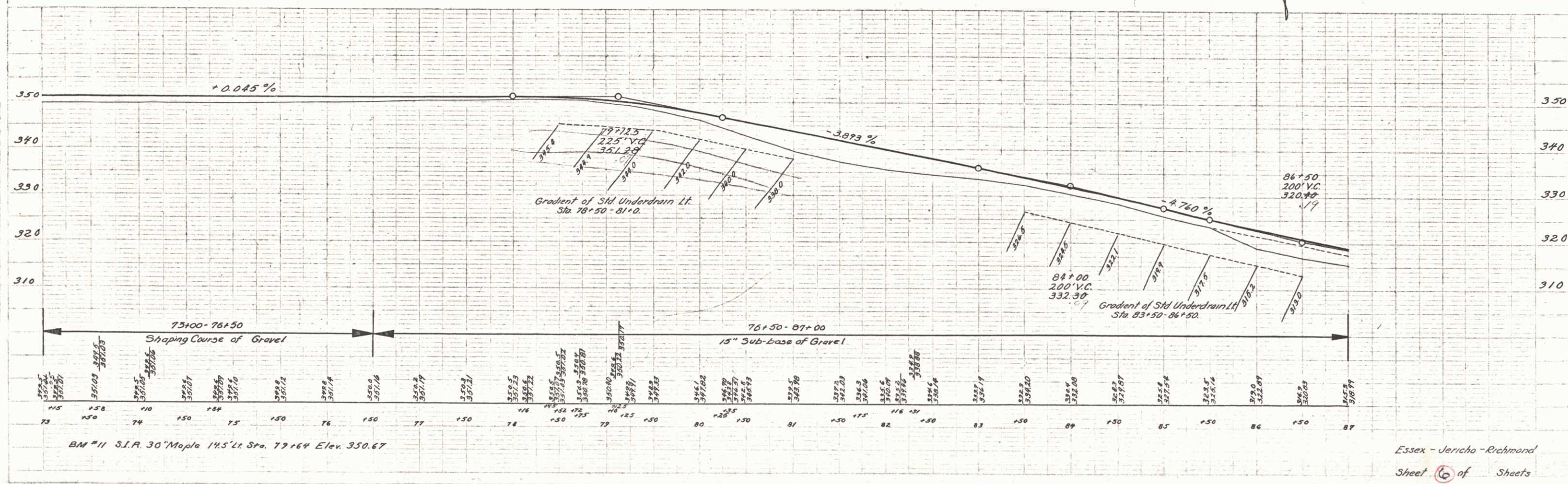


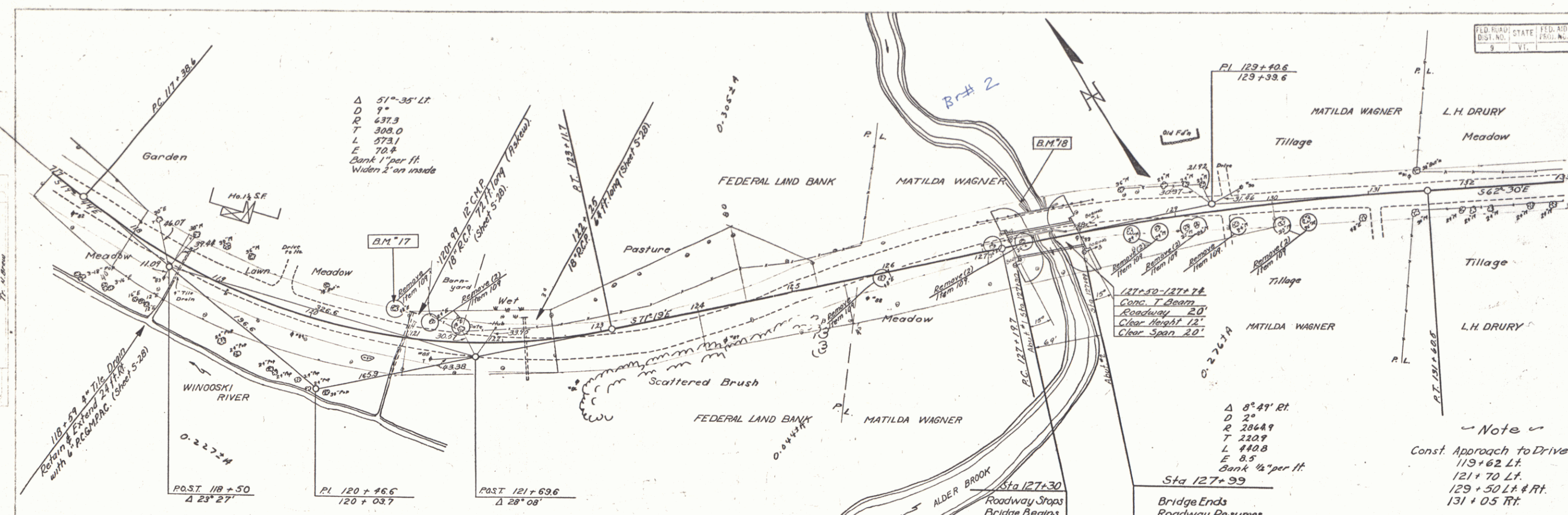
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 99. 11/11/50
 100. 11/11/50



Note
 Const. Approach to Drives
 73+58 Lt.
 78+05 Lt. & Rt.
 79+10 Lt.
 79+50 Rt.

VOID





BOILING DATA

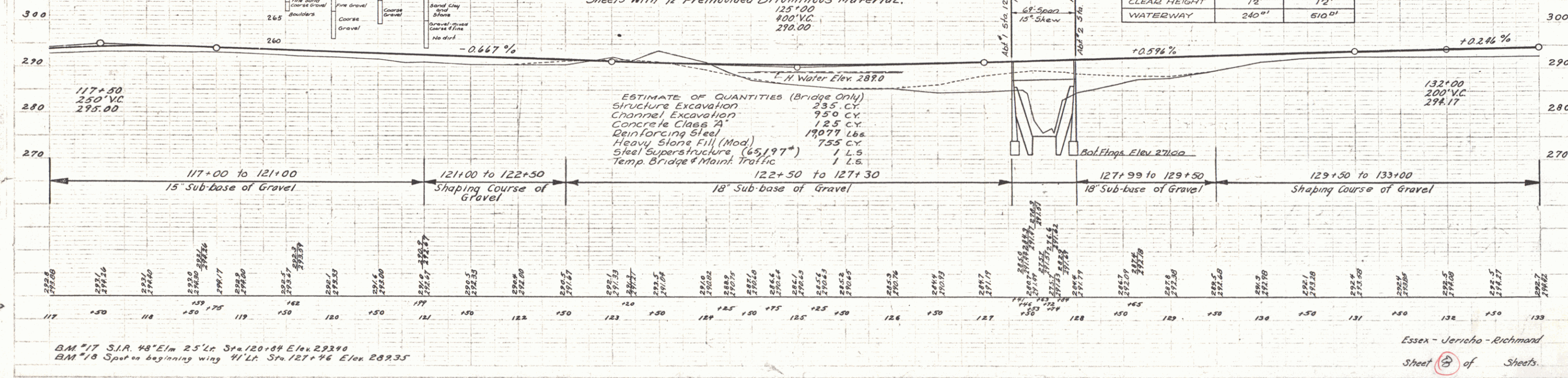
Station	Top Soil and Silt	Topsoil and Silt	Silt and Sand	Topsoil and Silt
117+00	285	285	285	285
118+00	280	280	280	280
119+00	275	275	275	275
120+00	270	270	270	270
121+00	265	265	265	265
122+00	260	260	260	260

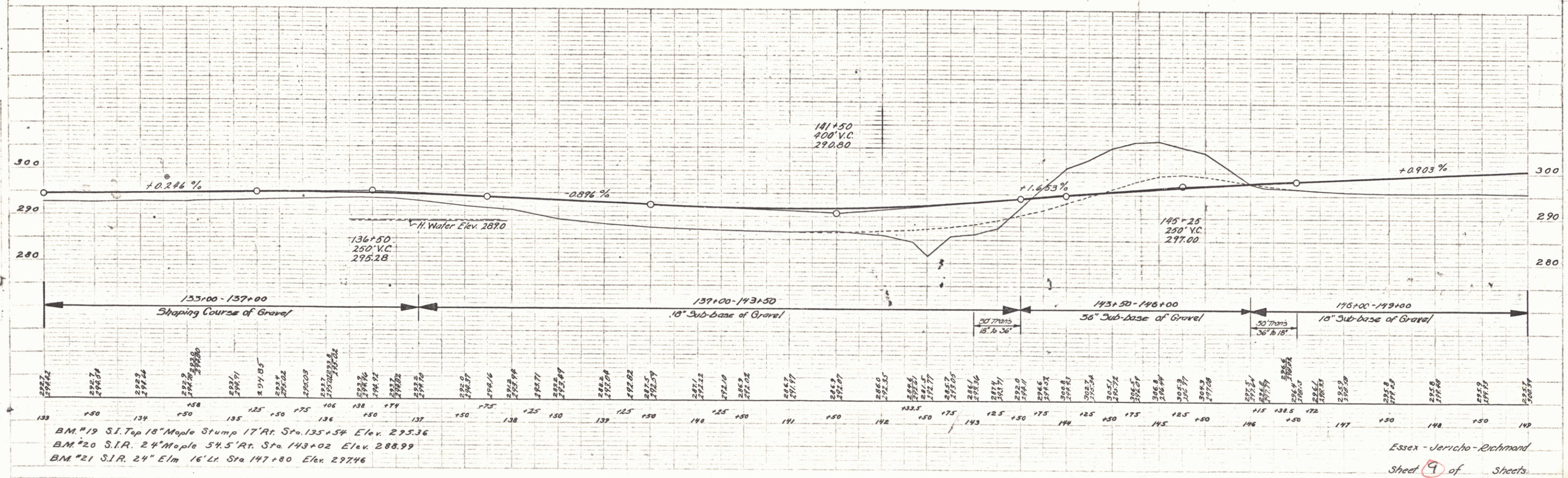
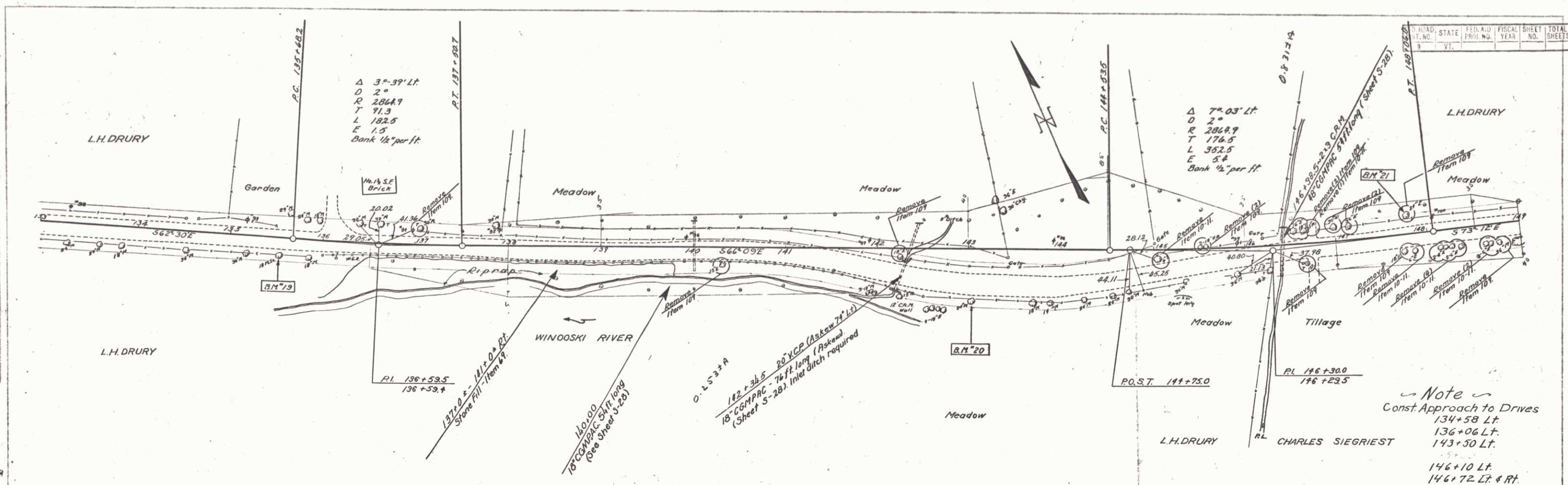
LIST OF SHEETS (BRIDGE ONLY)
 Plan & Profile
 Abut. #1 Details
 Abut. #2 Details
 S.B. 24 (Left Span) Mod. for 2" Curve, 15° Skew, 1/2 ft. Bank
 S.B. 5C Bridge Rail
 S.B. 11 Barricade, Signs & Lights
 S.B. 20 Details A.C. & H&J
 Replace Cork Expansion Material as called for on Standard Sheets with 1/2" Premoulded Bituminous Material.
 125+00
 400' V.C.
 290.00

BRIDGE DATA

	PRESENT	PROPOSED
TYPE	T-BEAM	WF BM CONC. FLOR.
OVERALL SPAN	24'	60'
CLEAR SPAN	20'	65'
ROADWAY WIDTH	20'	24'
CLEAR HEIGHT	12'	12'
WATERWAY	240'	610'

ESTIMATE OF QUANTITIES (Bridge Only)
 Structure Excavation 235 CY
 Channel Excavation 950 CY
 Concrete Class A 125 CY
 Reinforcing Steel 19077 LBS
 Heavy Stone Fill (Mod.) 755 CY
 Steel Superstructure (65,197') 1 L.S.
 Temp. Bridge & Maint. Traffic 1 L.S.

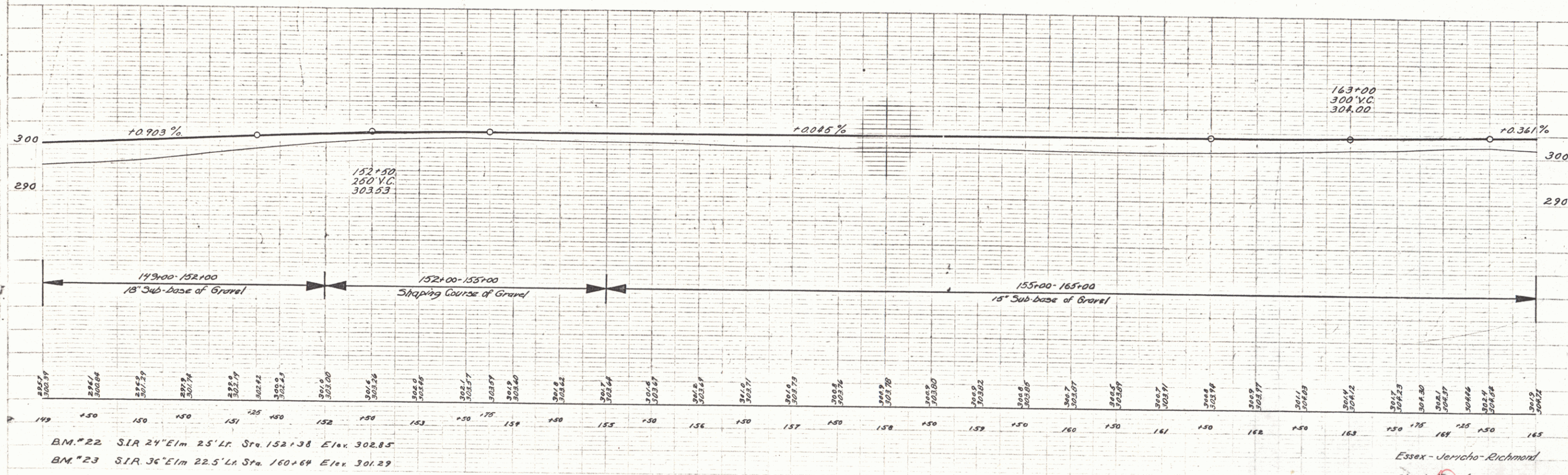
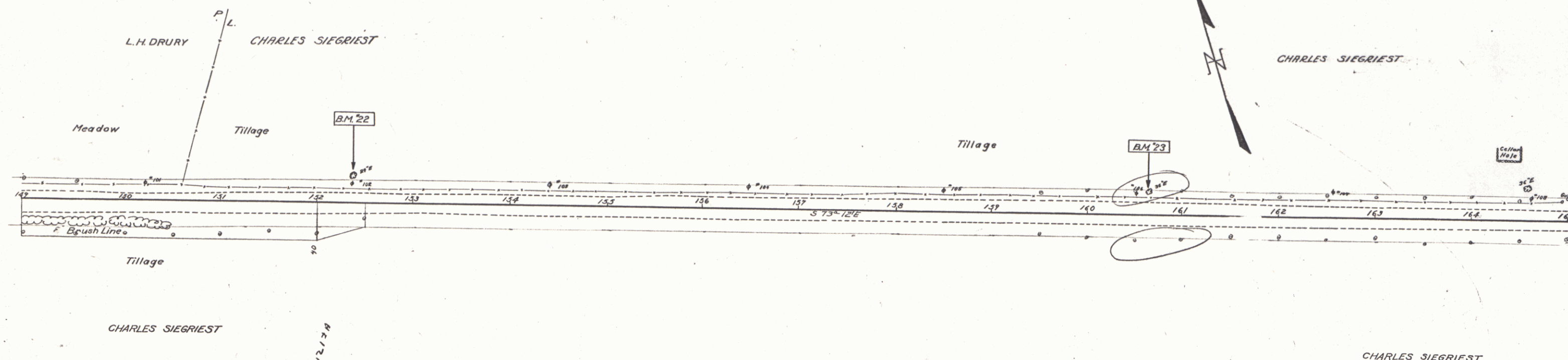




BM #19 S.I. Top 18" Maple Stump 17' Rt. Sta. 135+54 Elev. 295.36
 BM #20 S.I.R. 24" Maple 54.5' Rt. Sta. 143+02 Elev. 288.99
 BM #21 S.I.R. 24" Elm 16' Lt. Sta. 147+80 Elev. 297.46

Essex - Jericho - Richmond
 Sheet 9 of Sheets

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.			



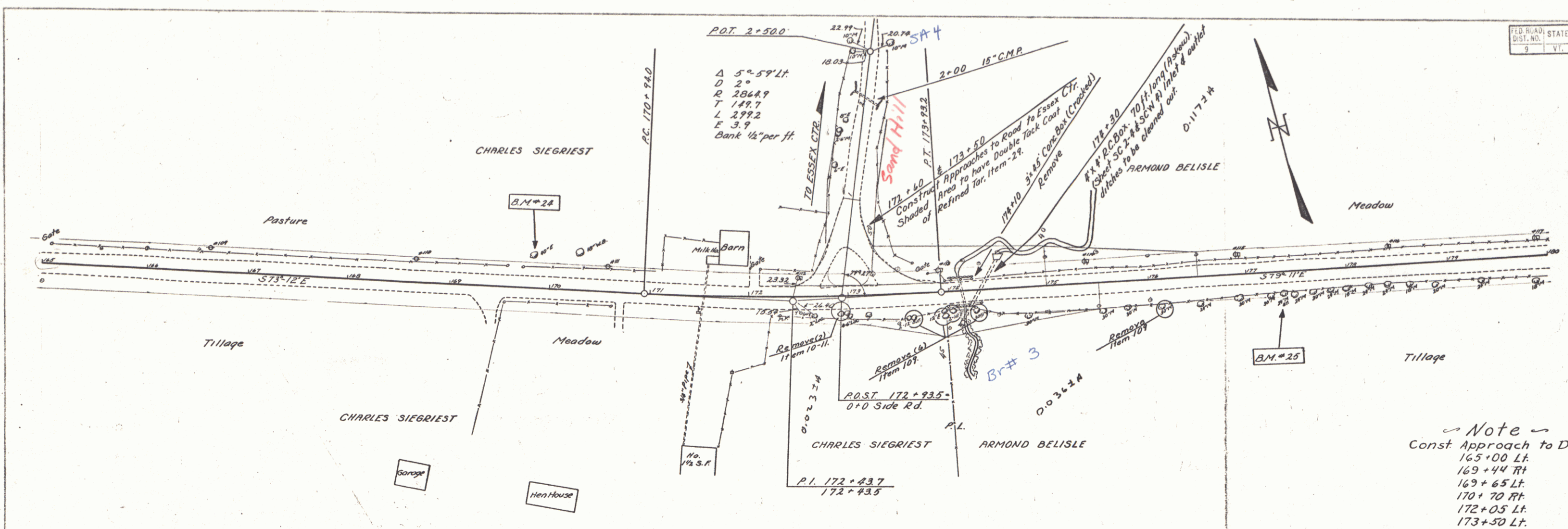
Essex - Jericho - Richmond
 Sheet 10 of 10

10

10

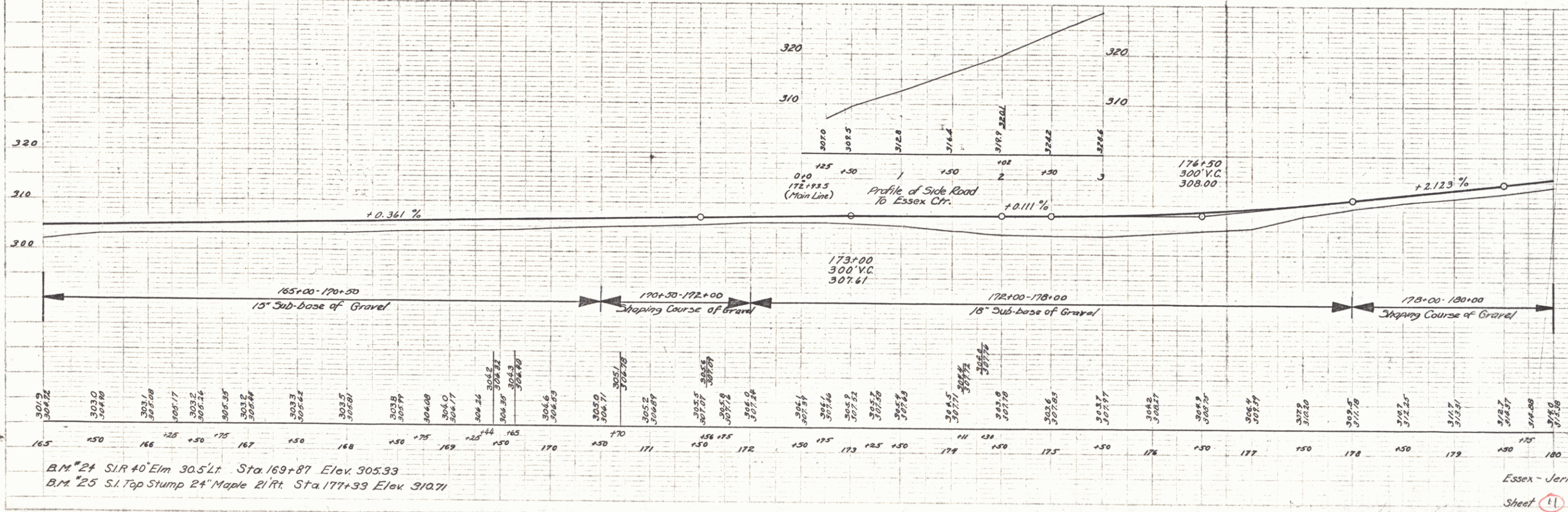
PLAN
 1. 1/2" = 100'
 2. 1/4" = 100'
 3. 1/8" = 100'

Profile
 1. 1/2" = 100'
 2. 1/4" = 100'



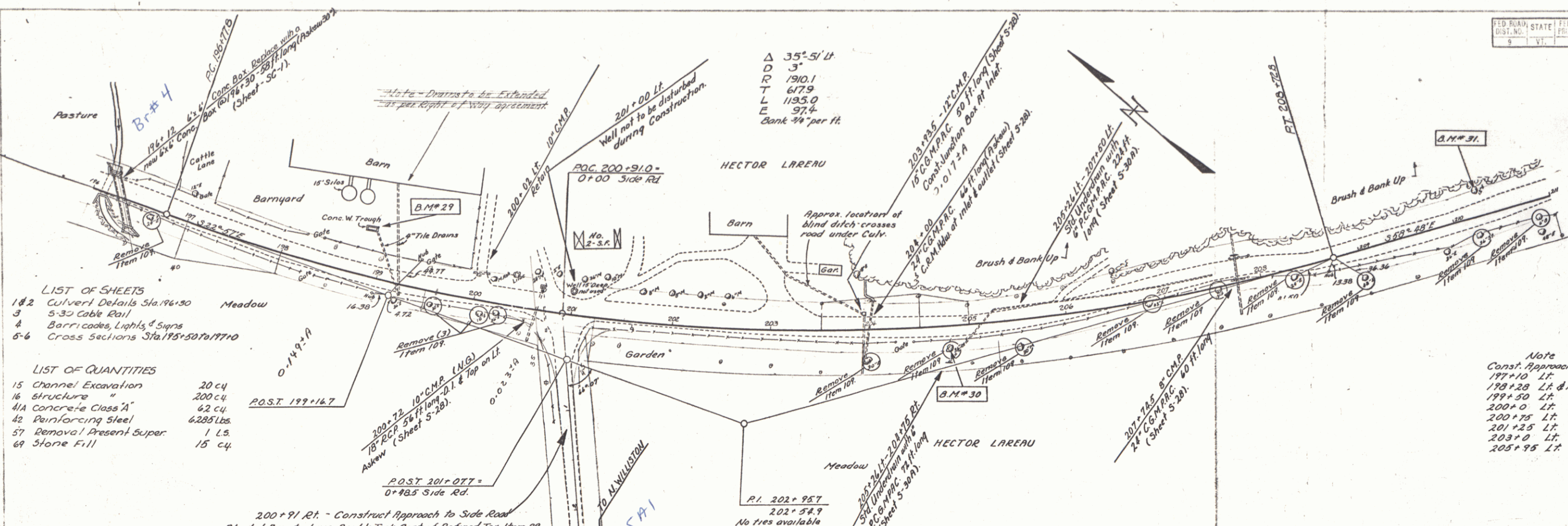
170 ROAD	STATE	170 AID	170 SCALE	SHEET TOTAL
170	VT	170	170	170

Note
 Const Approach to Drives
 165+00 Lt.
 169+44 Rt.
 169+65 Lt.
 170+70 Rt.
 172+05 Lt.
 173+50 Lt.

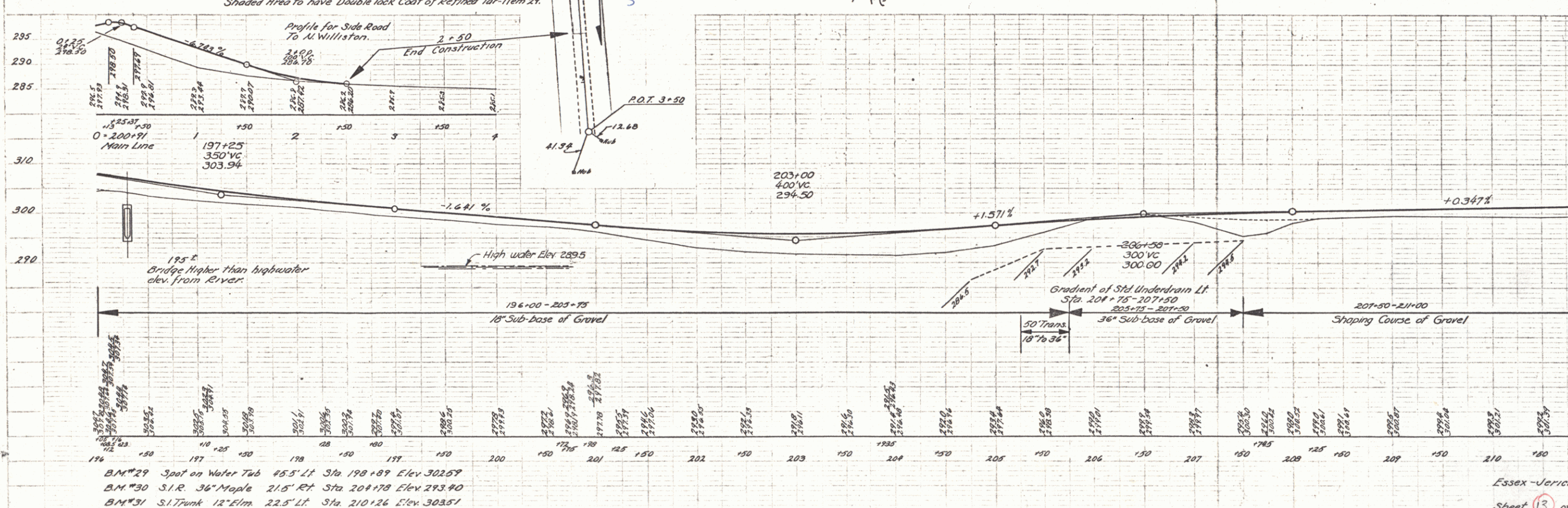


B.M. 24 S.I.R. 40' Elm 30.5' Lt. Sta. 169+87 Elev. 305.33
 B.M. 25 S.I. Top Stump 24' Maple 21' Rt. Sta. 177+33 Elev. 310.71

Essex - Jericho - Richmond
 Sheet 11 of 11

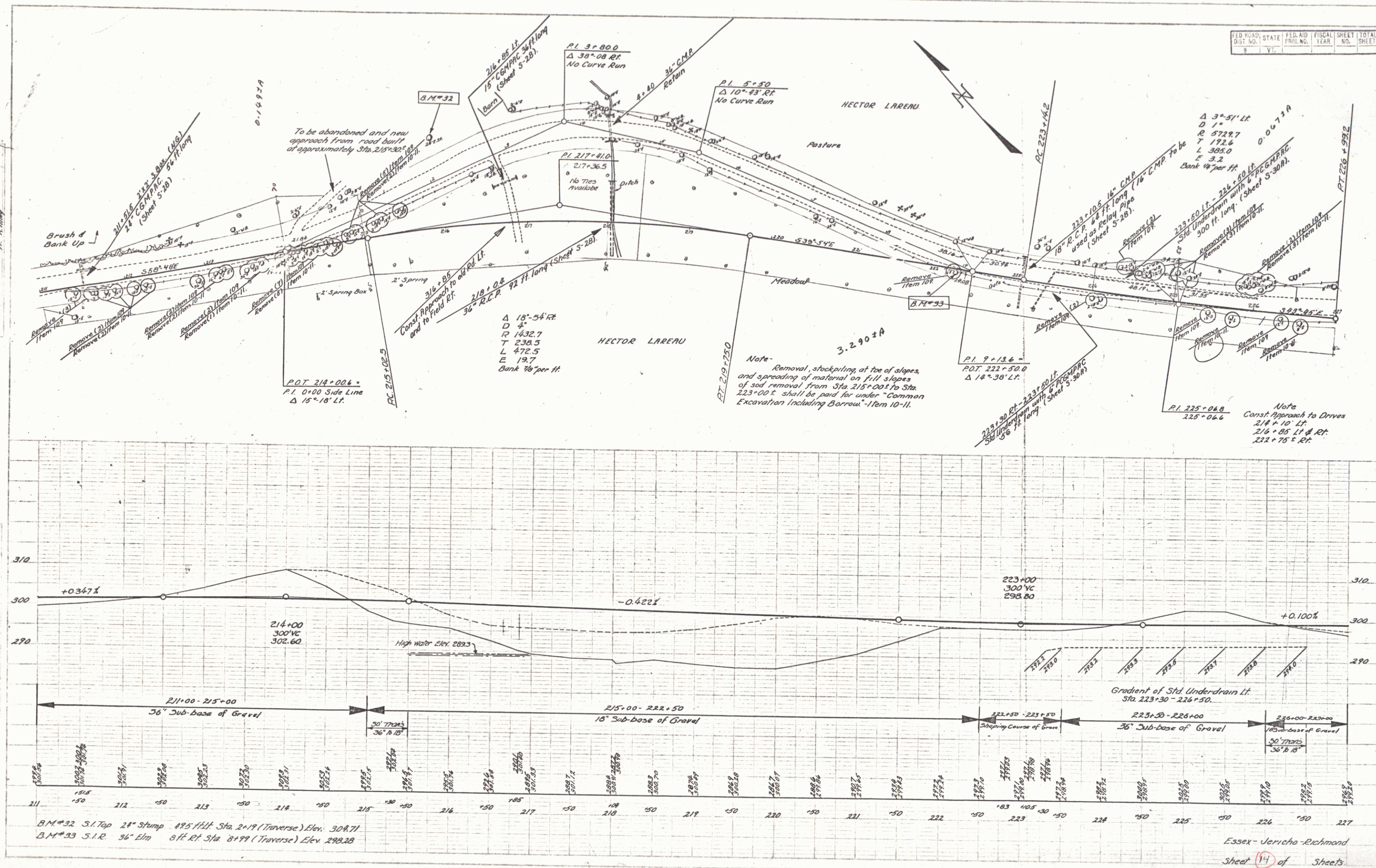


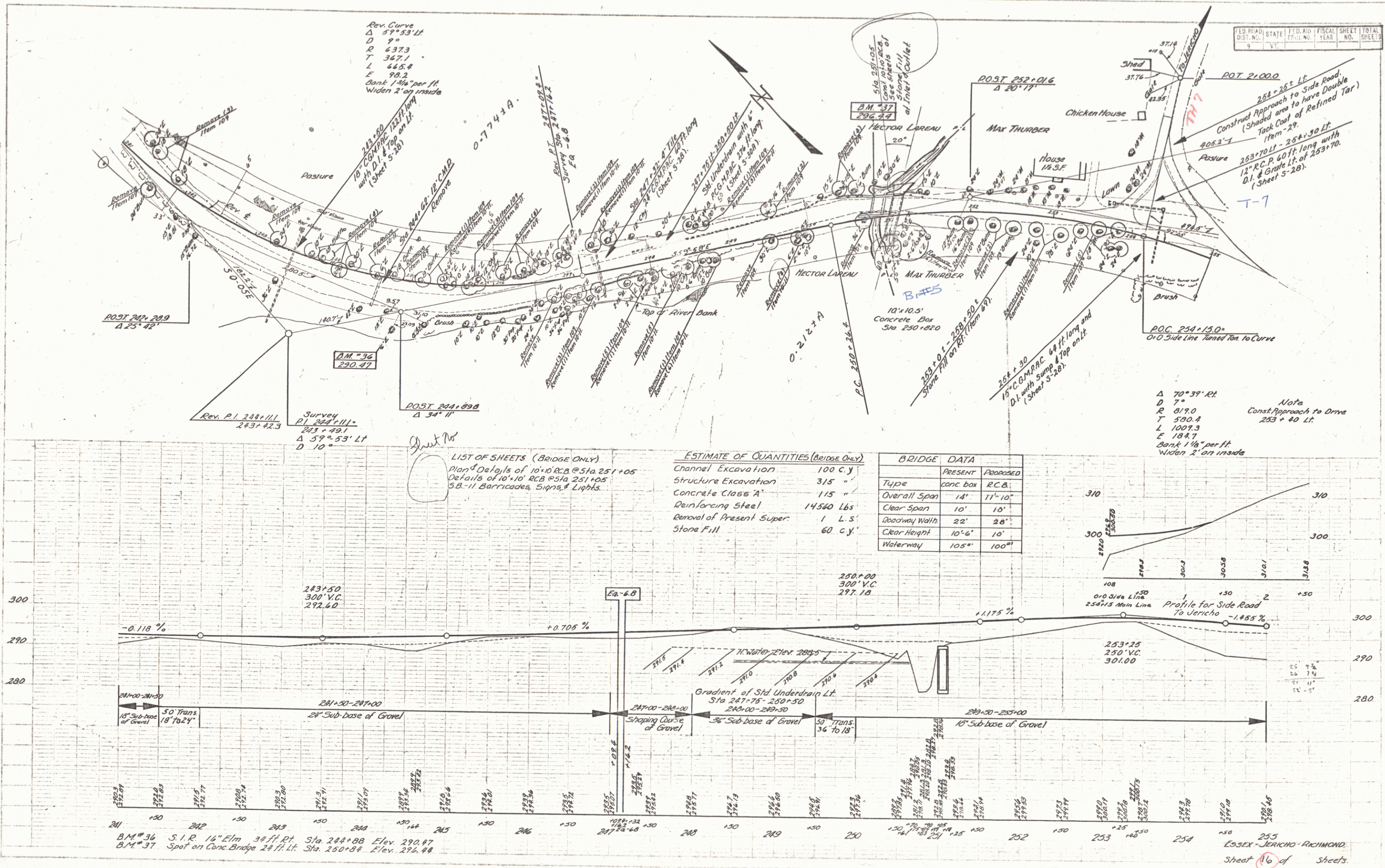
- LIST OF SHEETS**
- 182 Culvert Details Sta. 196+30
 - 3 5-30 Cable Rail
 - 4 Barricades, Lights & Signs
 - 5-6 Cross Sections Sta. 195+50 to 197+10
- LIST OF QUANTITIES**
- | | |
|--------------------------|------------|
| 15 Channel Excavation | 20 cu |
| 16 Structure " | 200 cu |
| 41A Concrete Class "A" | 62 cu |
| 42 Reinforcing Steel | 6,285 lbs. |
| 57 Removal Present Super | 1 L.S. |
| 69 Stone Fill | 15 cu |



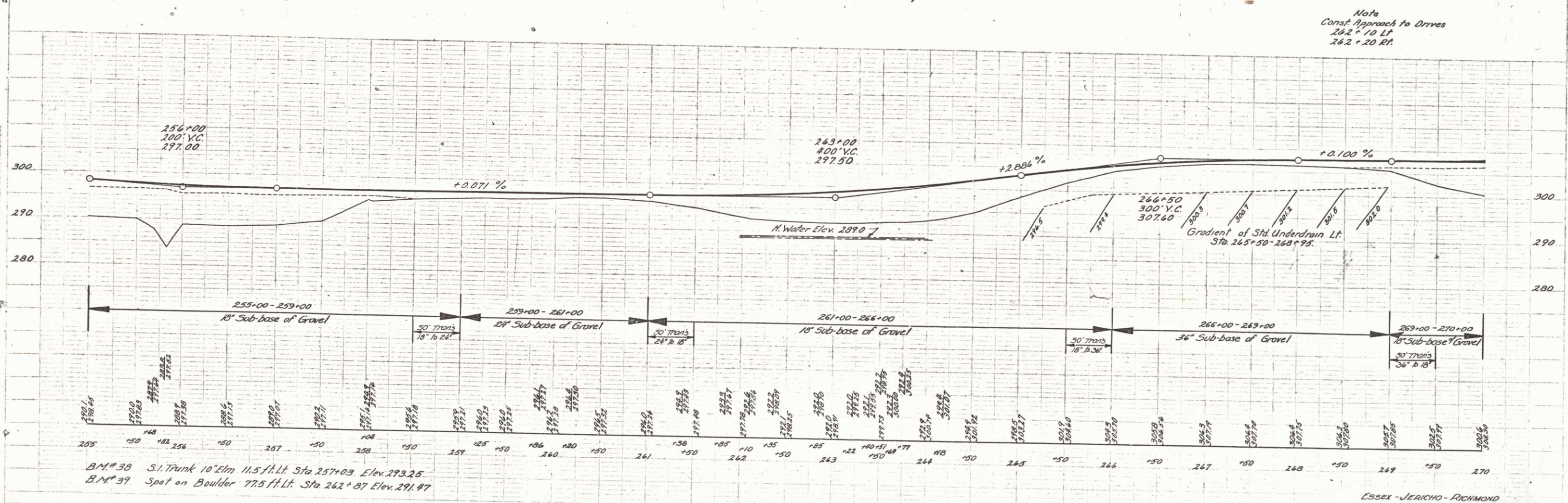
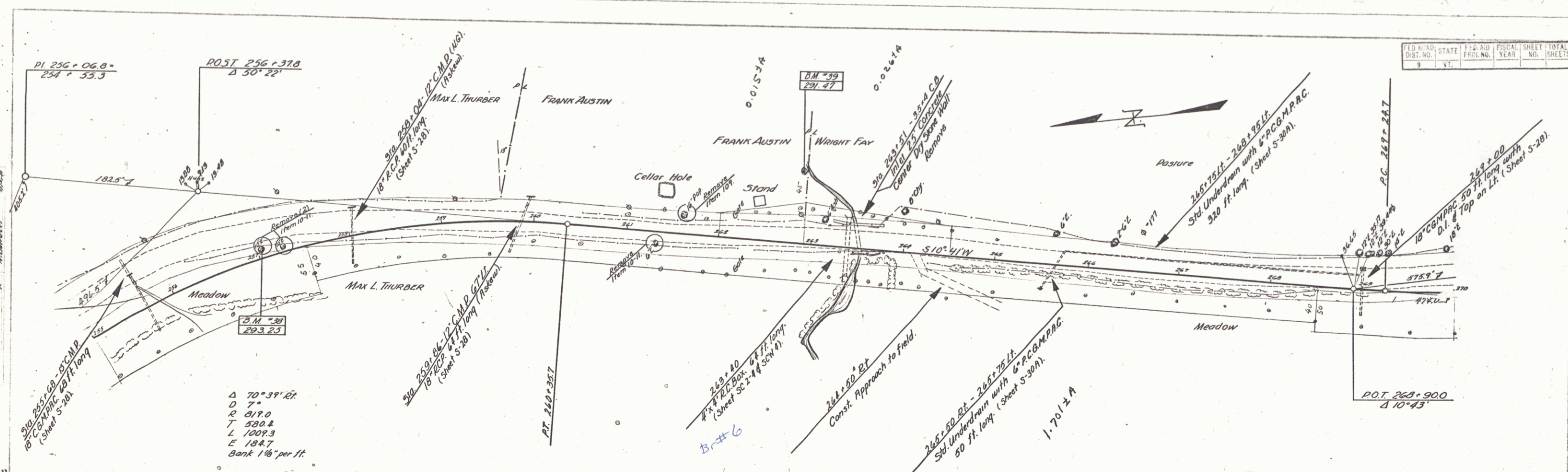
Note
Const. Approach to Drives
197+10 L.T.
198+28 L.T. & R.T.
199+50 L.T.
200+00 L.T.
200+75 L.T.
201+25 L.T.
203+00 L.T.
205+95 L.T.

B.M. #29 Spot on Water Tub 45.5' Lt. Sta. 198+89 Elev. 302.57
B.M. #30 S.R. 36" Maple 21.5' Rt. Sta. 204+78 Elev. 293.40
B.M. #31 S.R. Trunk 12' Elm. 22.5' Lt. Sta. 210+26 Elev. 303.51



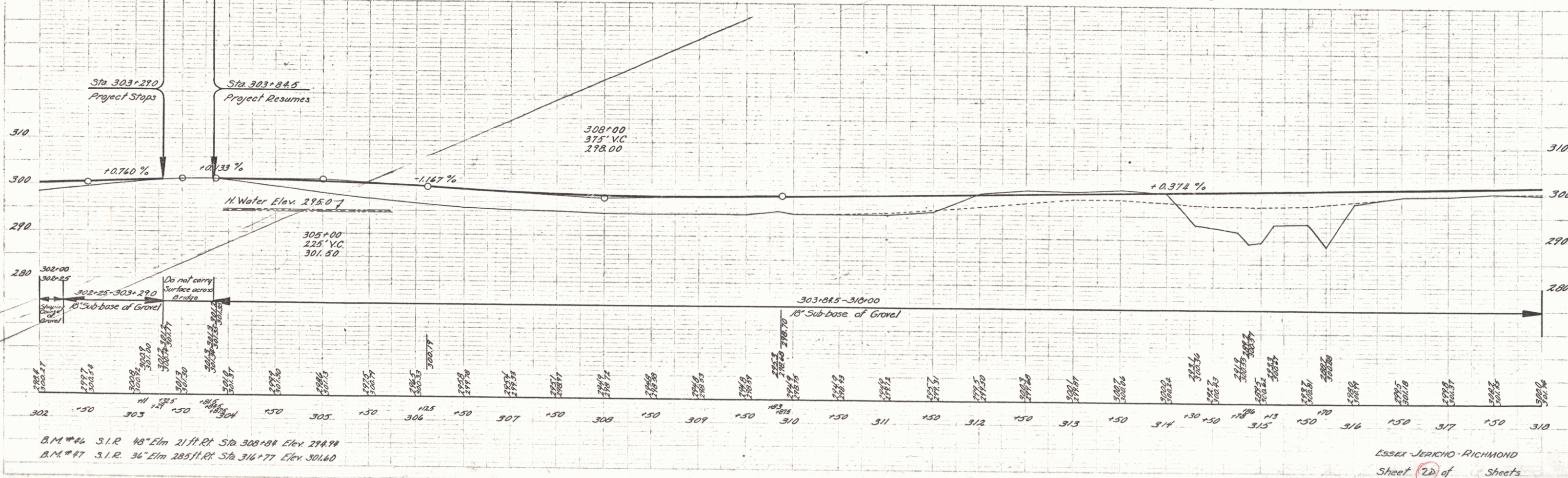
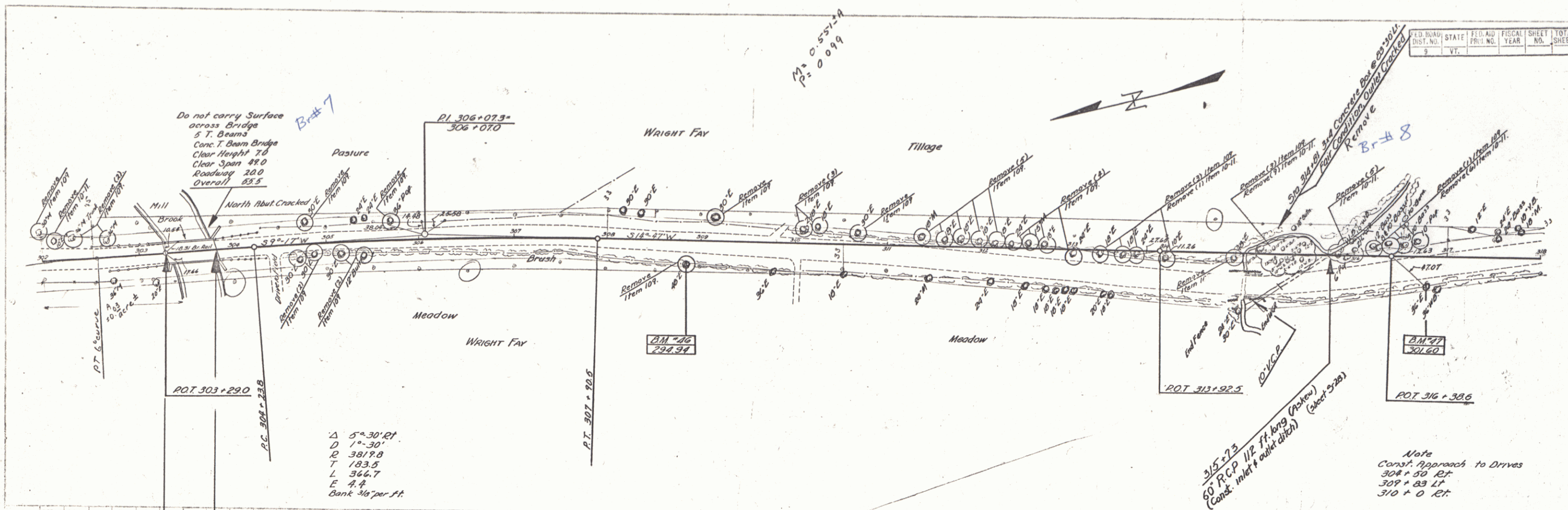


FED. ROAD DIST. NO.	STATE	FED. AID	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT			16	16



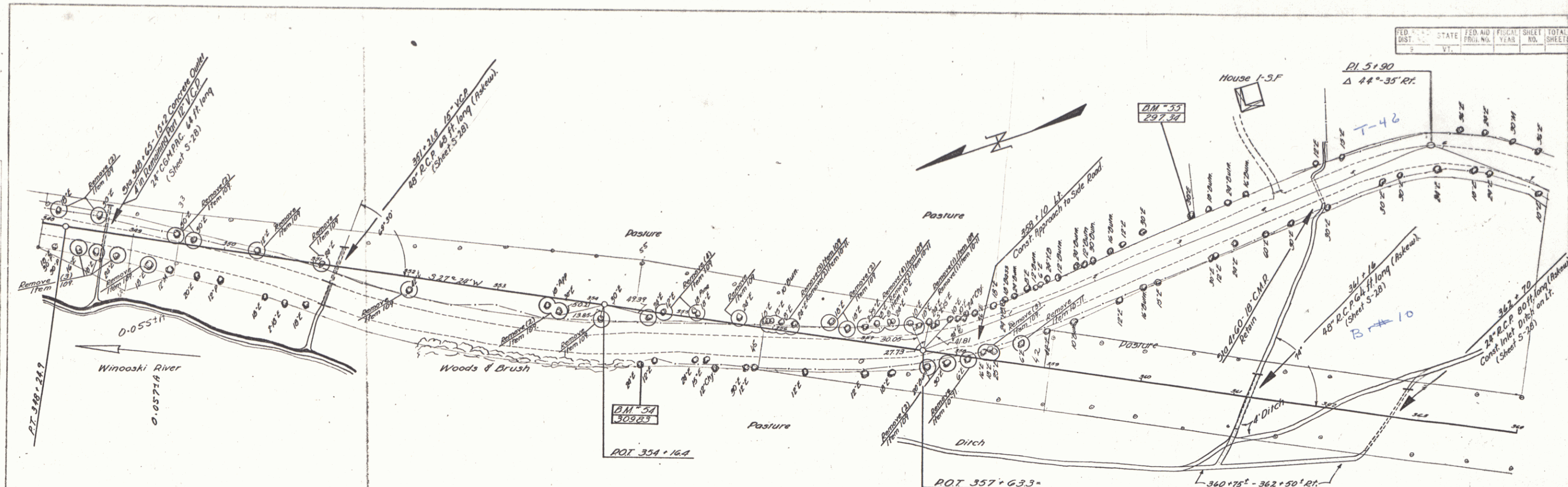
ESSEX - JERICHO - RICHMOND
Sheet 17 of 17

Date:
 By:
 Check:
 Title:
 Scale:
 Project:
 Sheet:
 of
 Sheets:

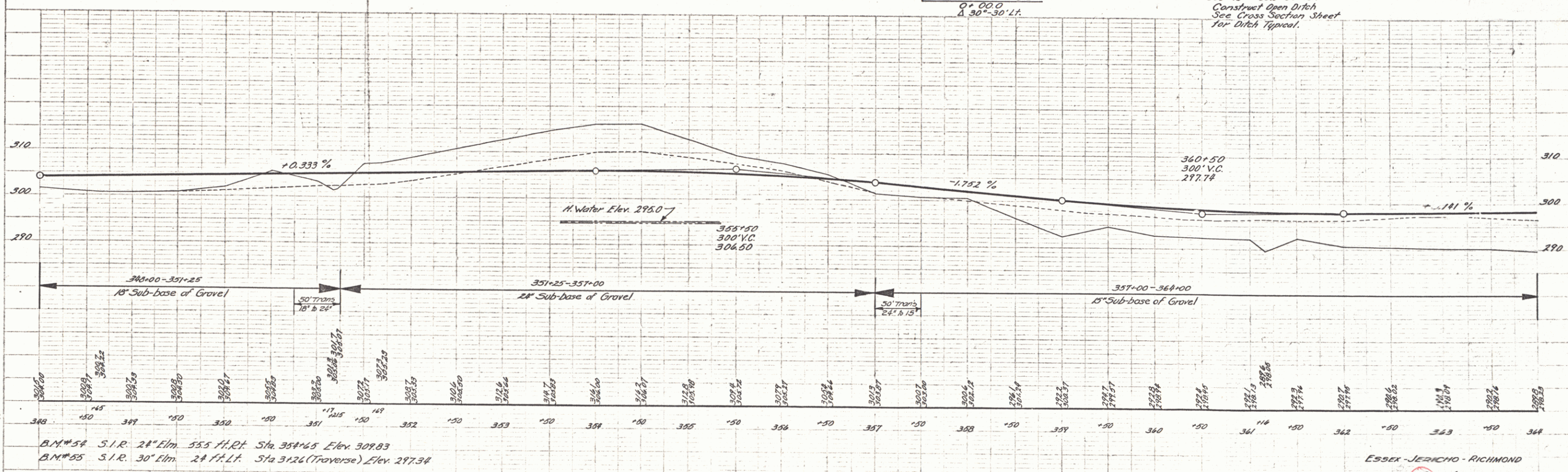


Essex-Jericho-Richmond
 Sheet 20 of 20

PLAN
 DATE: 10/1/54
 DRAWN BY: J. J. M. J. M.
 CHECKED BY: J. J. M. J. M.
 SCALE: 1" = 40'



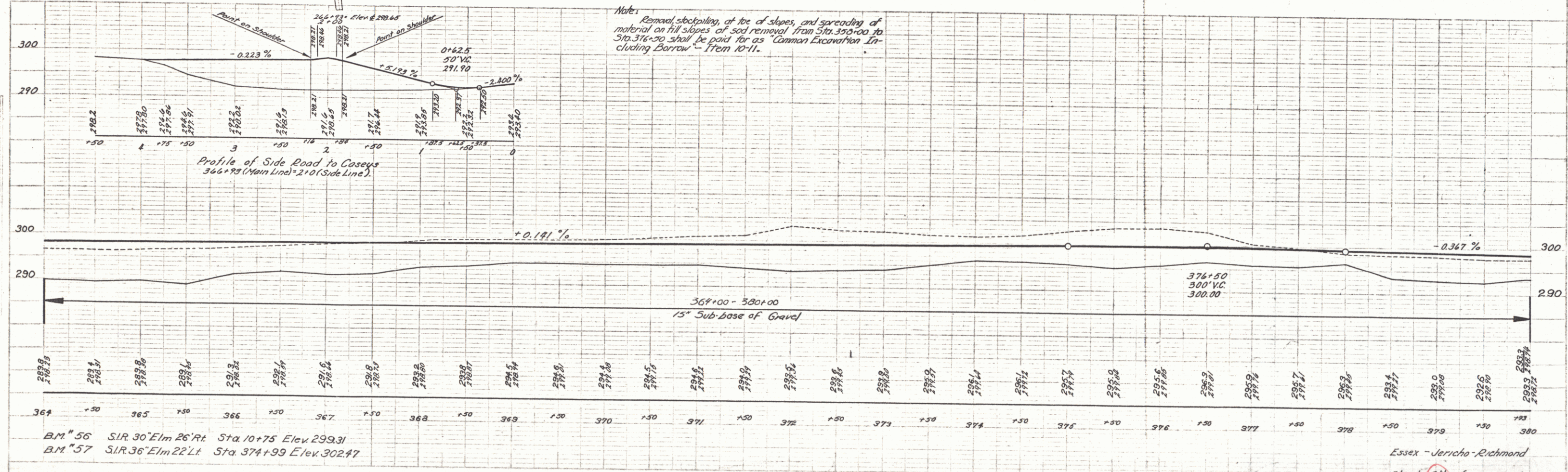
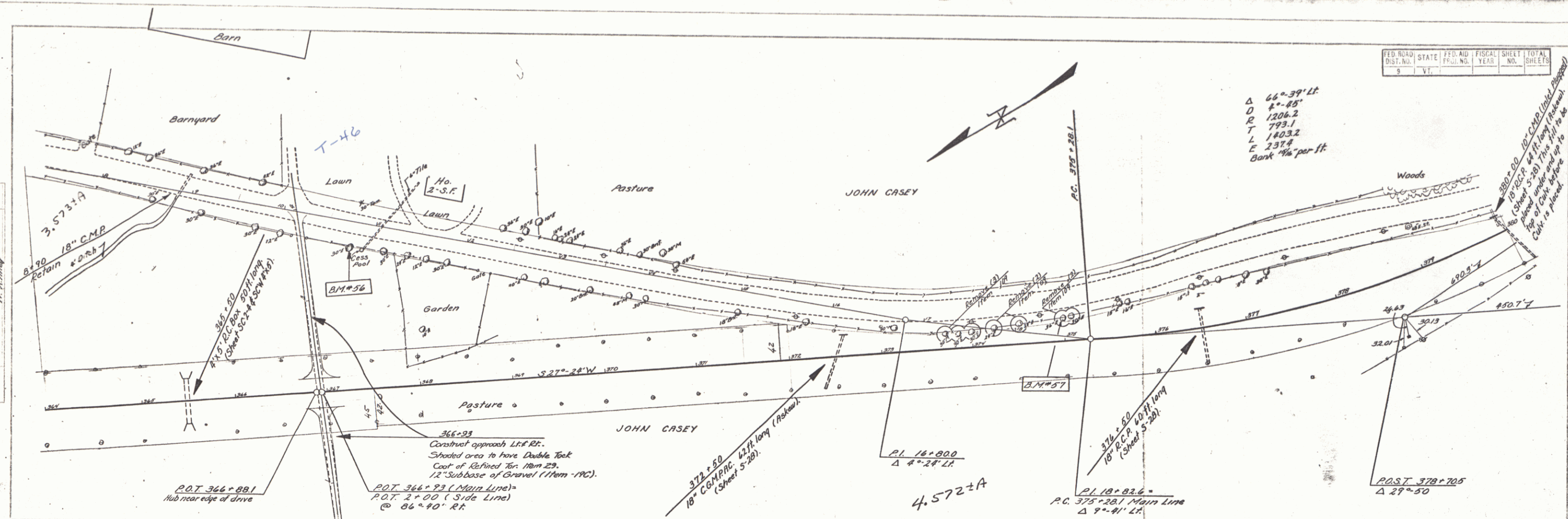
PROFILE
 DATE: 10/1/54
 DRAWN BY: J. J. M. J. M.
 CHECKED BY: J. J. M. J. M.
 SCALE: 1" = 40'



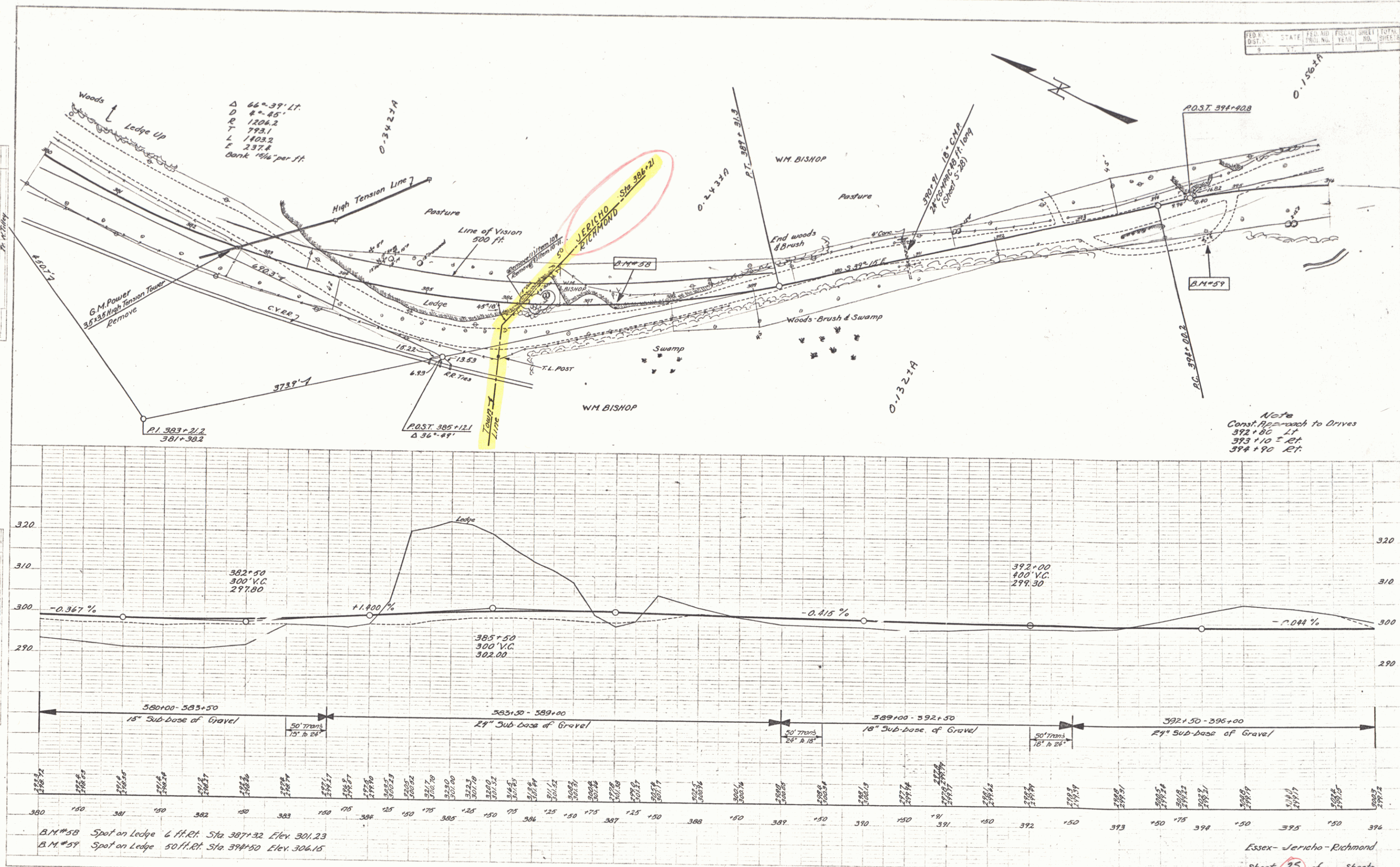
B.M. 54 S.I.R. 24' Elm 55.5 ft. Sta. 354+16.4 Elev. 309.83
 B.M. 55 S.I.R. 30' Elm 24 ft. Sta. 362+70 Elev. 297.74

ESSEX - JERICHO - RICHMOND
 Sheet 25 of Sheets

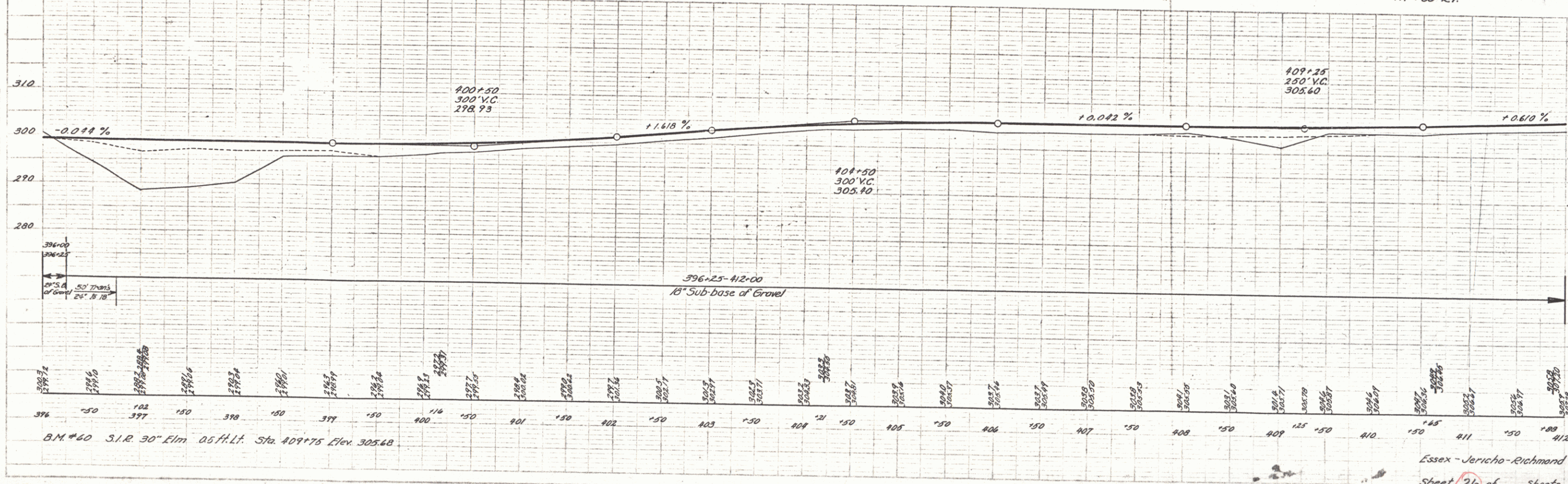
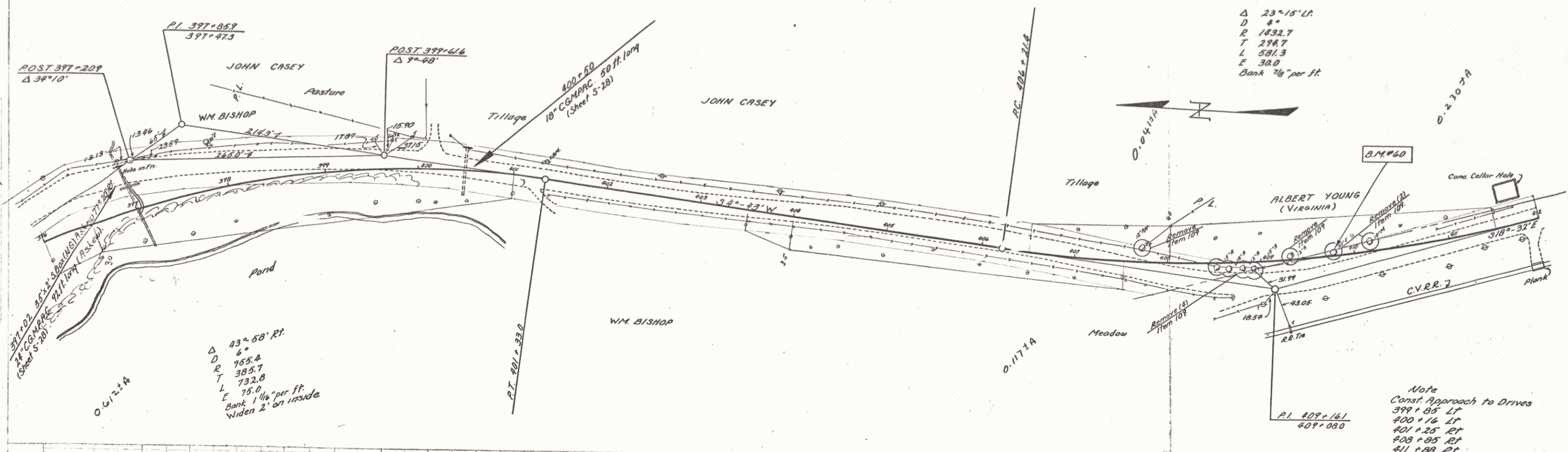
PLAN
 1/4" = 100'
 1/8" = 100'
 1/16" = 100'



Essex - Jericho - Richmond
 Sheet 24 of 24

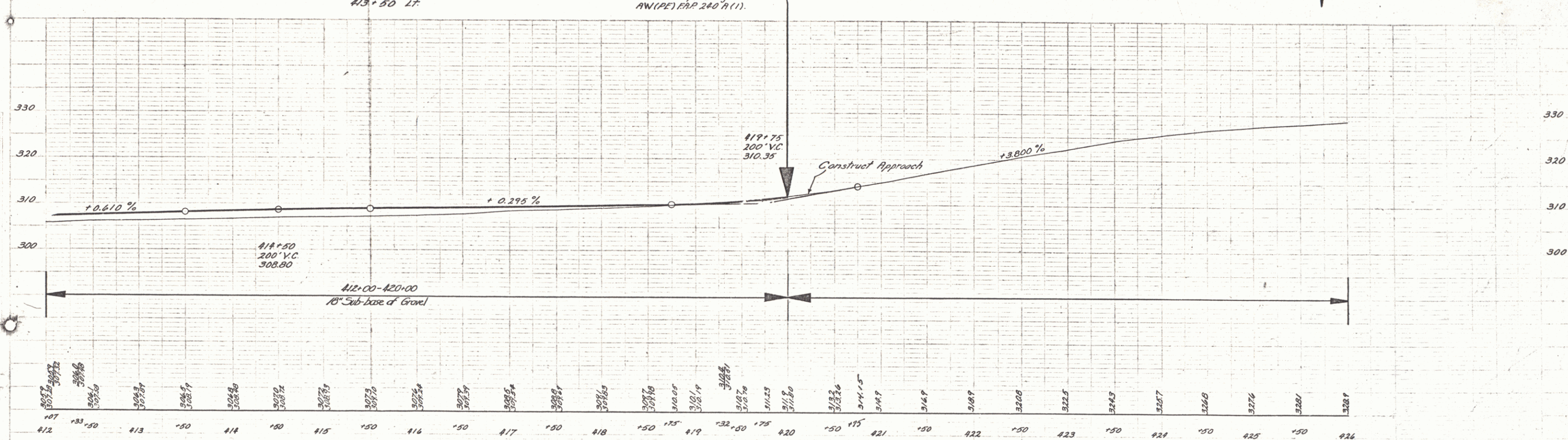
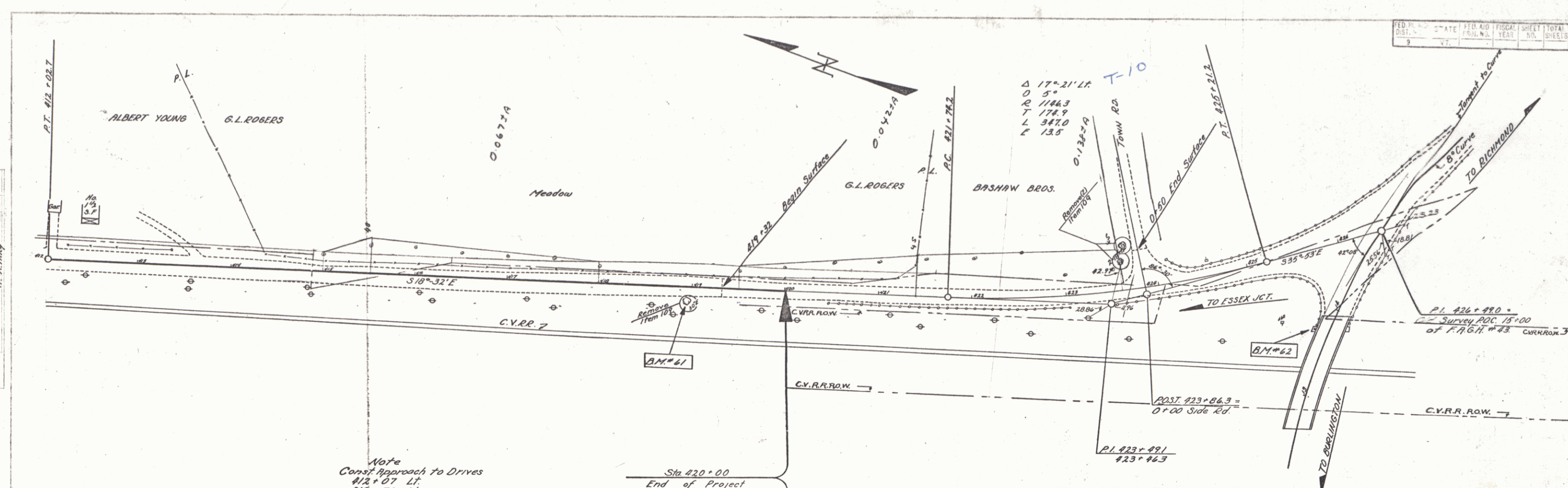


FED. ROAD DIST. NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.			



Essex - Jericho - Richmond
Sheet 26 of 26

ED. NO.	DATE	PER. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	11	1	1911	27	100



B.M. #61 S.I.R. 30" Elm 115 ft. Rt. Sta 418+95 Elev. 311.69
 B.M. #62 Spot on Wing 165 ft. Lt. Sta 413+75 (Old Survey F.R.G.N. #43) Elev. 330.11

Essex - Jericho - Richmond
 Sheet 27 of Sheets