

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

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

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY  
FEDERAL AID PROJECT

**TOWN OF COLCHESTER**

U.S. ROUTES 2 & 7 *Pin # 99R420*

CHIMNEY CORNER INTERSECTION

BEGINNING AT A POINT MILES SOUTHERLY FROM THE PRESENT INTERSECTION OF U.S. ROUTES 2 & 7 AND EXTENDING NORTHERLY MILES ON U.S. 7; FROM THE INTERSECTION OF U.S. ROUTES 7 & 2 NORTH-WESTERLY MILES; AND CONNECTING LINE US ROUTE 7 TO US ROUTE 2.

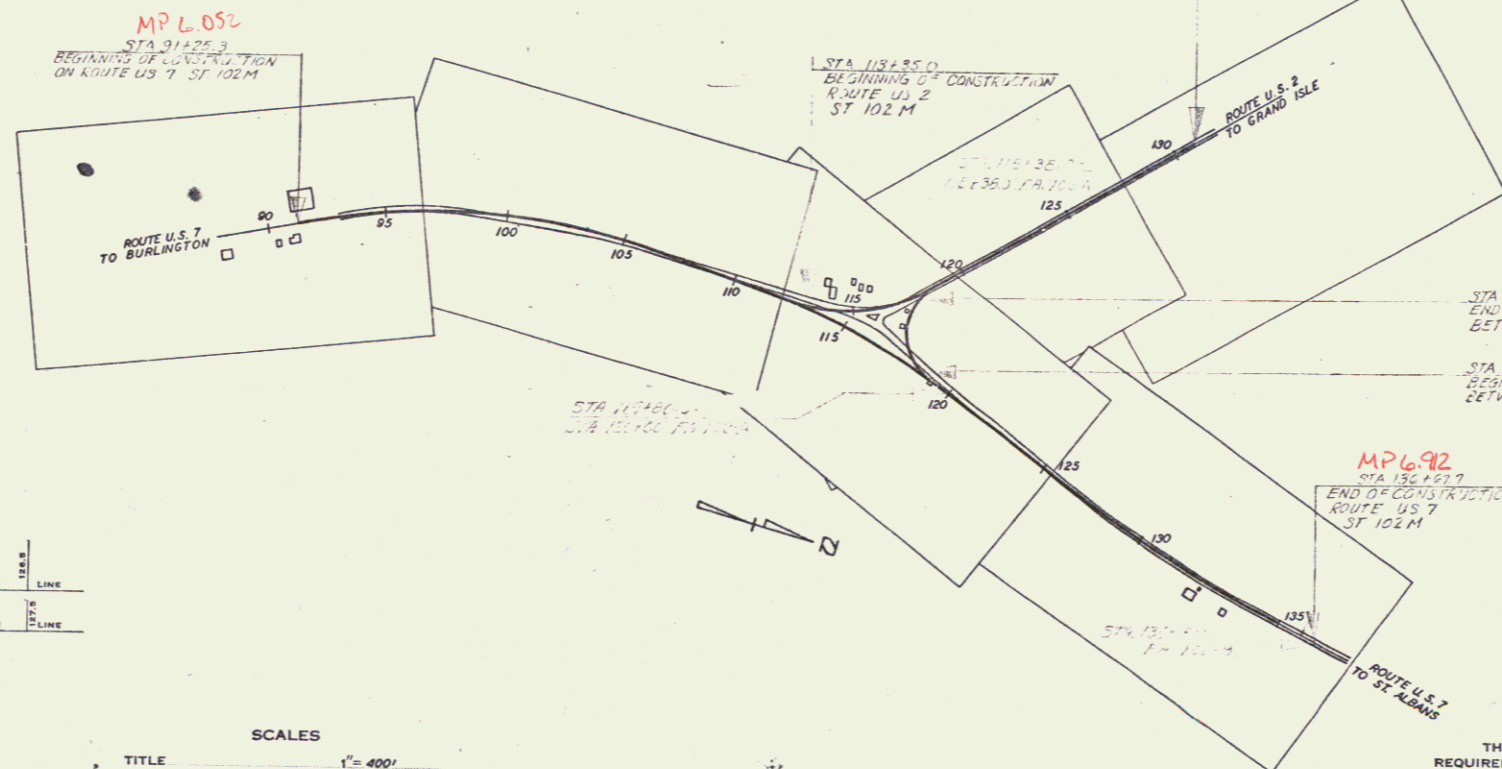
LENGTH U.S. 7	FT.	MI.
LENGTH U.S. 2	FT.	MI.
LENGTH U.S. 7 TO U.S. 2	FT.	MI.
LENGTH OF PROJECT	FT.	MI.



*Historical*  
M P 6435±

RIGHT-OF-WAY DIVISION  
TOWN FILE

PERPETUAL  
*RA*  
Town of *US7*  
[To Be Returned To R.O.W. Division]



	DATUM	LINE
GROUND ELEVATION		LINE
GRADE ELEVATION		LINE

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" = 400'
TYPICAL	1" = 21'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS SECTIONS	1" = 51'

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.

Project No. *ST 102M*

RECOMMENDED FOR APPROVAL  
DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED  
COMMISSIONER OF HIGHWAYS  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED	APPROVED	SERIES F NO. FILED
ROAD ENGINEER	DISTRICT HIGHWAY COMMISSIONER	SHEET 1 OF

*1/143*  
DIST. # 5 PLANS

INDEX OF SHEETS

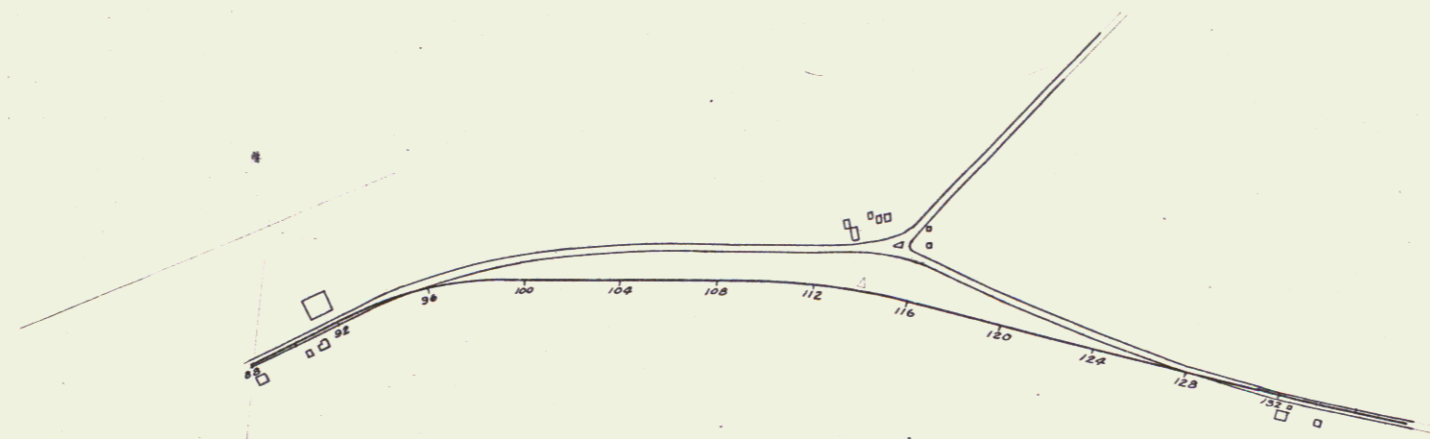
SHEET NO.	1	TITLE PAGE
"	2	TYPICAL CROSS-SECTION OF IMPROVEMENT
"	3	BANKING AND WIDENING TABLES
"	4	PLAN AND PROFILE

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

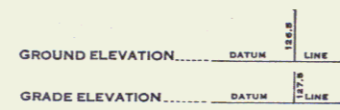
STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

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**PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY**  
FEDERAL AID PROJECT



- COUNTY LINE
- TOWN LINE
- FENCE LINE
- STONE WALL
- UNFENCED PROPERTY
- GUARD RAIL
- TRAVELED WAY
- RAILROAD
- RETAINING WALL
- CENTER LINE
- SURVEY LINE
- CULVERT
- DROP INLET
- TROLLEY POLE
- 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 HORIZONTAL 1"=100'
  - PROFILE VERTICAL 1"=10'
  - CROSS SECTIONS 1"=10'

APPROVED: \_\_\_\_\_  
COMMISSIONER OF HIGHWAYS  
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

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.

RECOMMENDED FOR APPROVAL  
DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

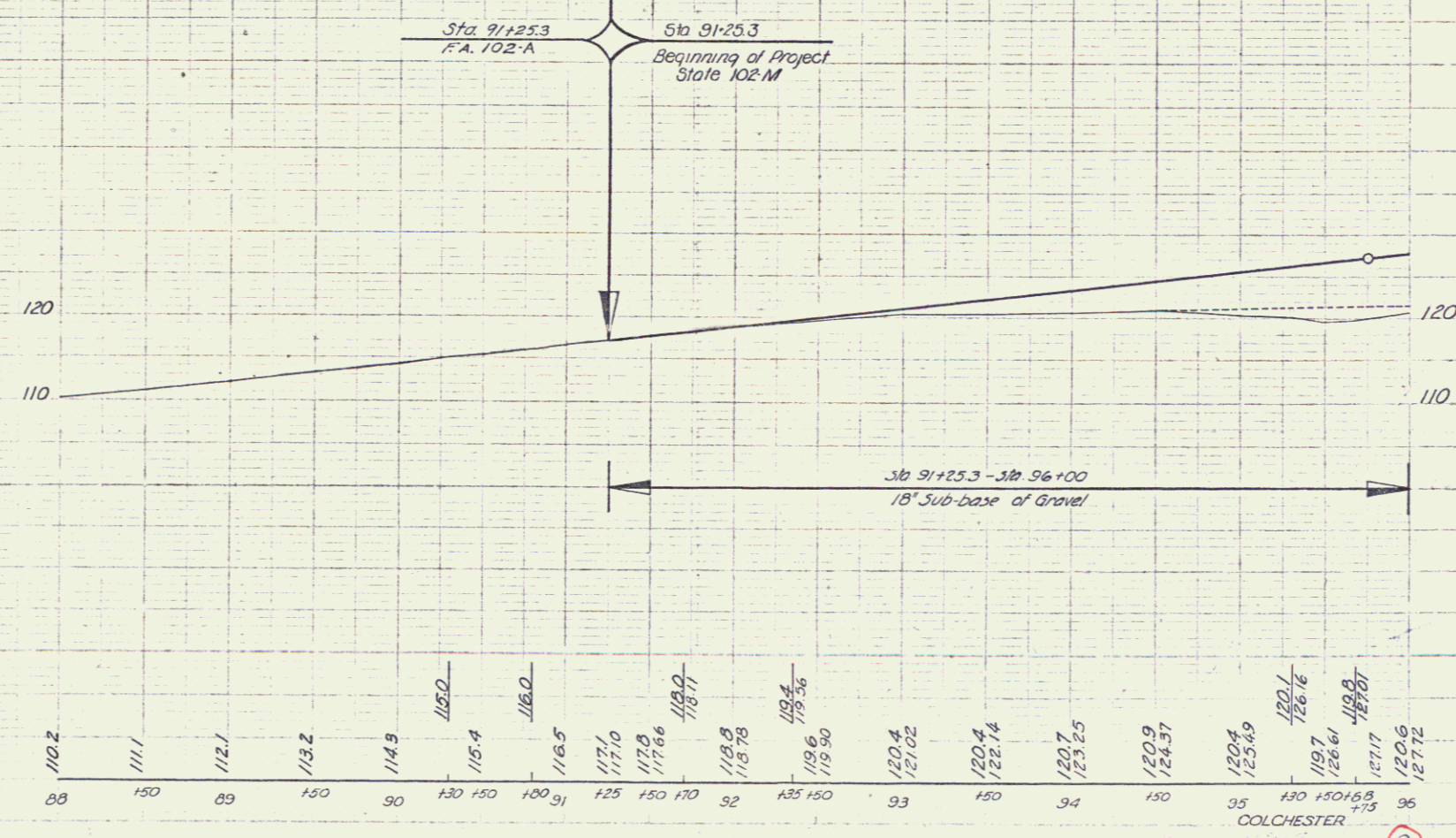
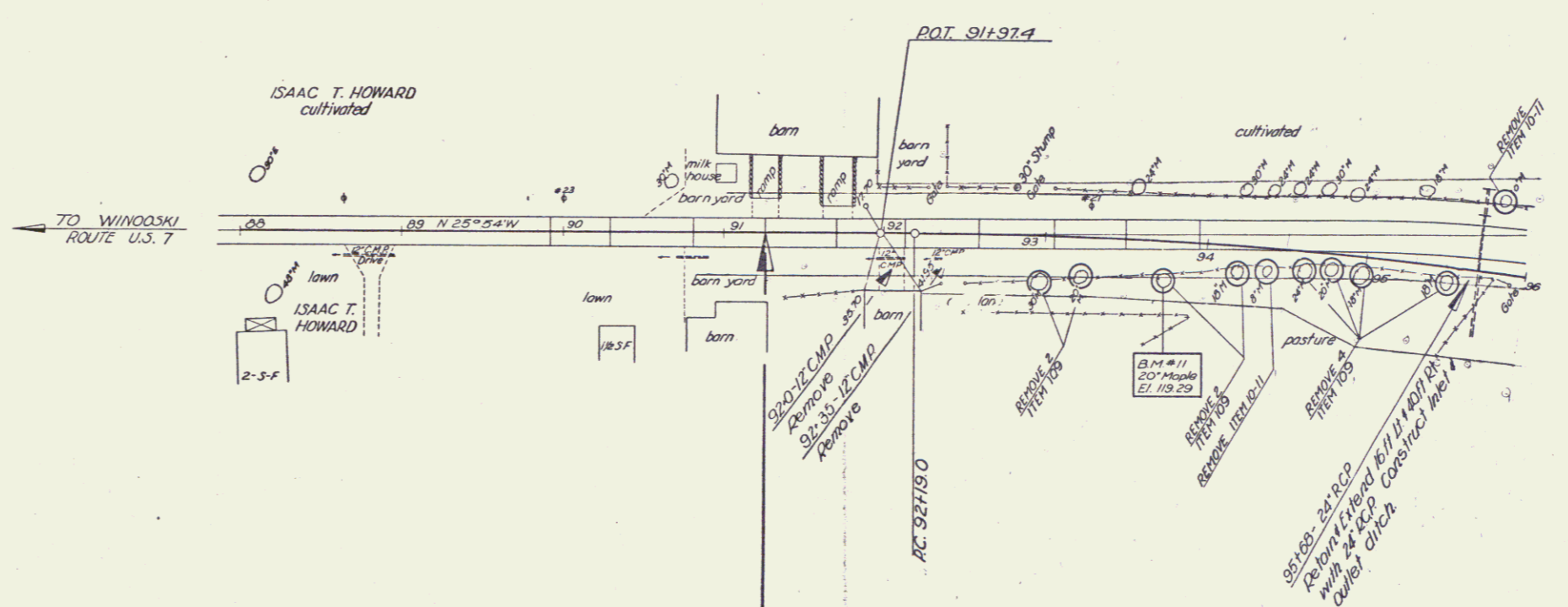
APPROVED  
COMMISSIONER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED _____ ROAD ENGINEER	APPROVED _____ DISTRICT HIGHWAY COMMISSIONER	SERIES F No. FILED SHEET (1) OF
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5-49  
 3-49  
 9-49  
 J.O.C.  
 Traced

5-49  
 4-49  
 J.O.C.

B.M.#11 S.I.R. 20" MAPLE 20' RT. STA. 93+75 ELEV. 119.29



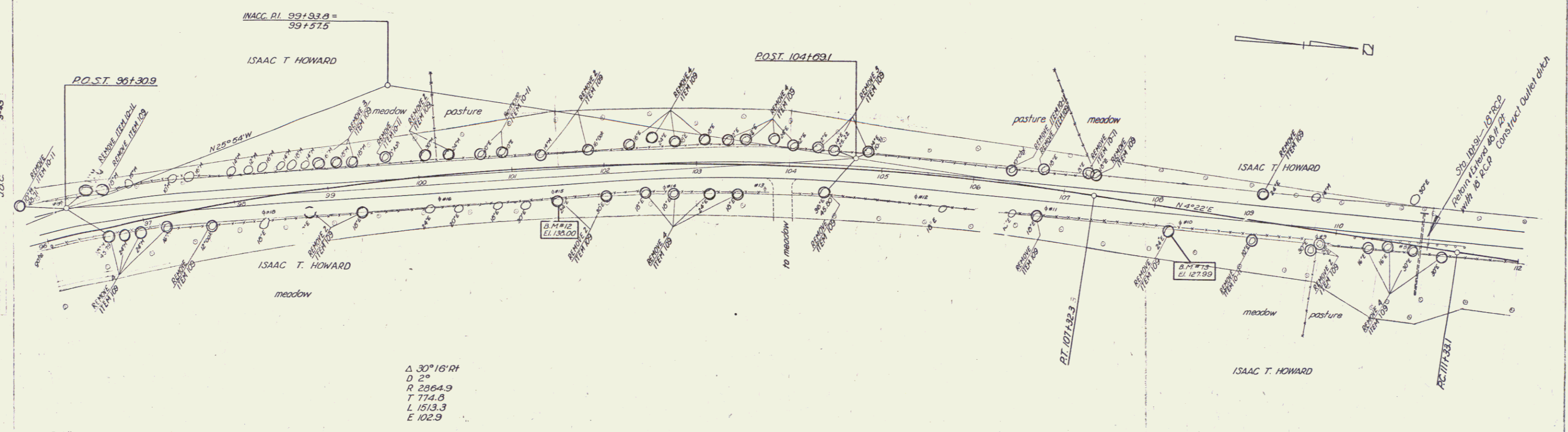
COLCHESTER 2

3



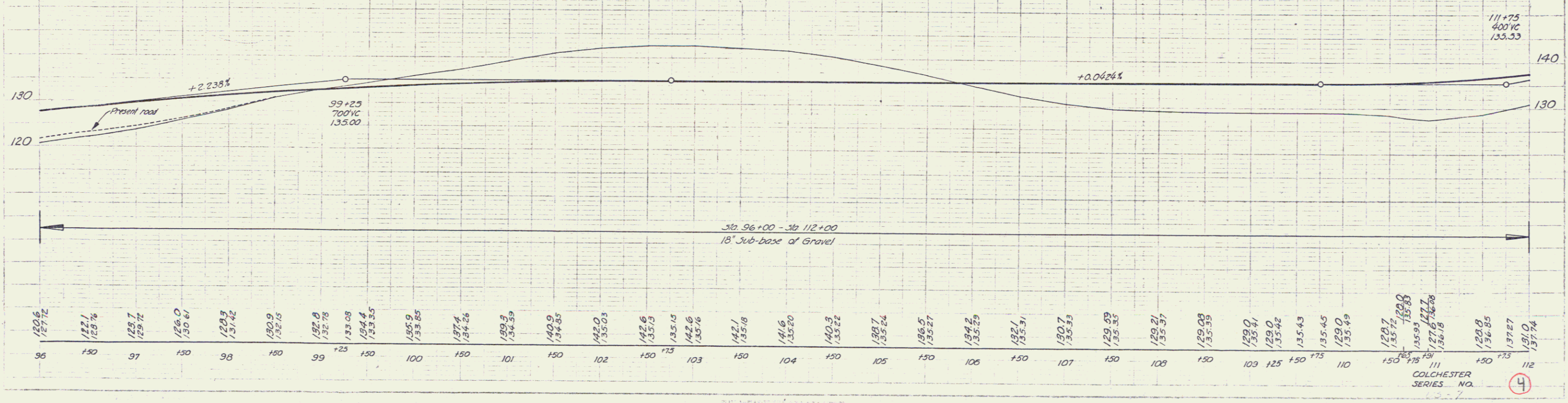
J.O.C.  
 9-49

J.O.C.  
 4-49



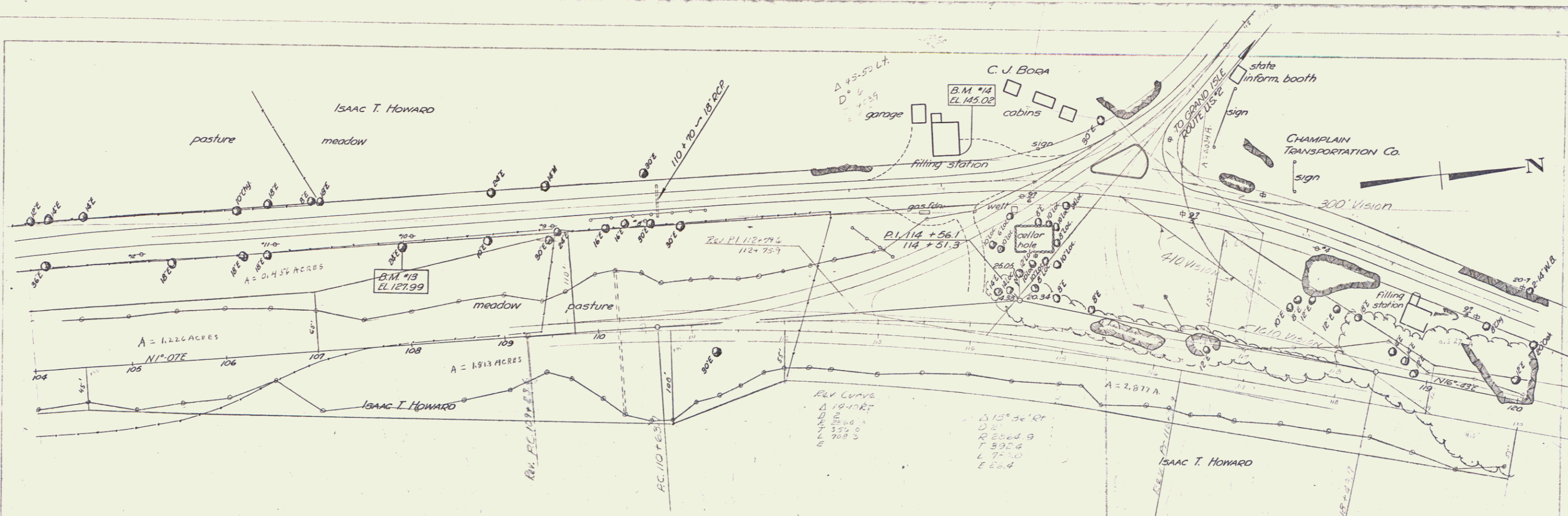
$\Delta 30^\circ 16' R$   
 $D 2^\circ$   
 $R 2864.9$   
 $T 774.6$   
 $L 1513.3$   
 $E 102.9$

B.M. #12 S.I.R. 24" ELM. 33.0 FT. RT. STA. 101+49 ELEV. 133.00  
 B.M. #13 S.I.R. 24" ELM. 21.0 FT. RT. STA. 108+20 ELEV. 127.99



96	120.6	127.72	97	122.7	129.72	98	126.0	131.42	99	130.9	132.15	100	135.8	133.08	101	139.4	134.26	102	142.0	135.03	103	142.6	135.73	104	141.6	135.20	105	140.8	135.22	106	139.7	135.24	107	138.5	135.27	108	137.2	135.25	109	135.7	135.51	110	130.7	135.35	111	129.09	135.35	112	129.0	135.41	113	129.0	135.42	114	135.43	135.45	115	129.0	135.49	116	120.7	135.71	117	120.0	135.83	118	119.9	135.83	119	127.6	136.78	120	126.8	136.85	121	137.27	137.27	122	131.0	137.74
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COLCHESTER  
 SERIES NO. 4

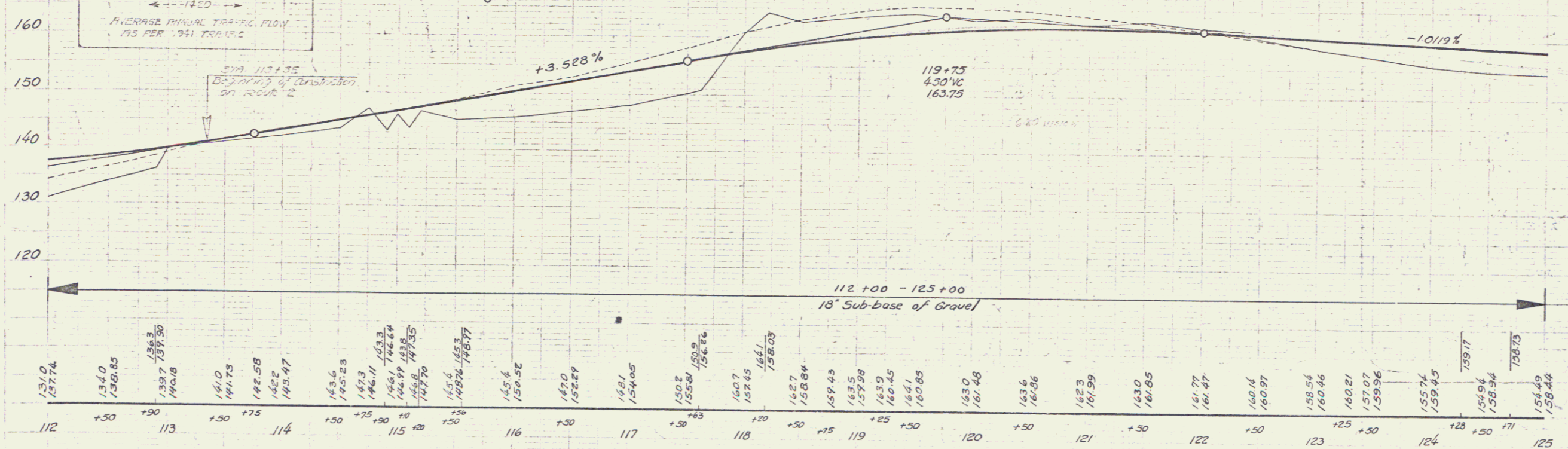
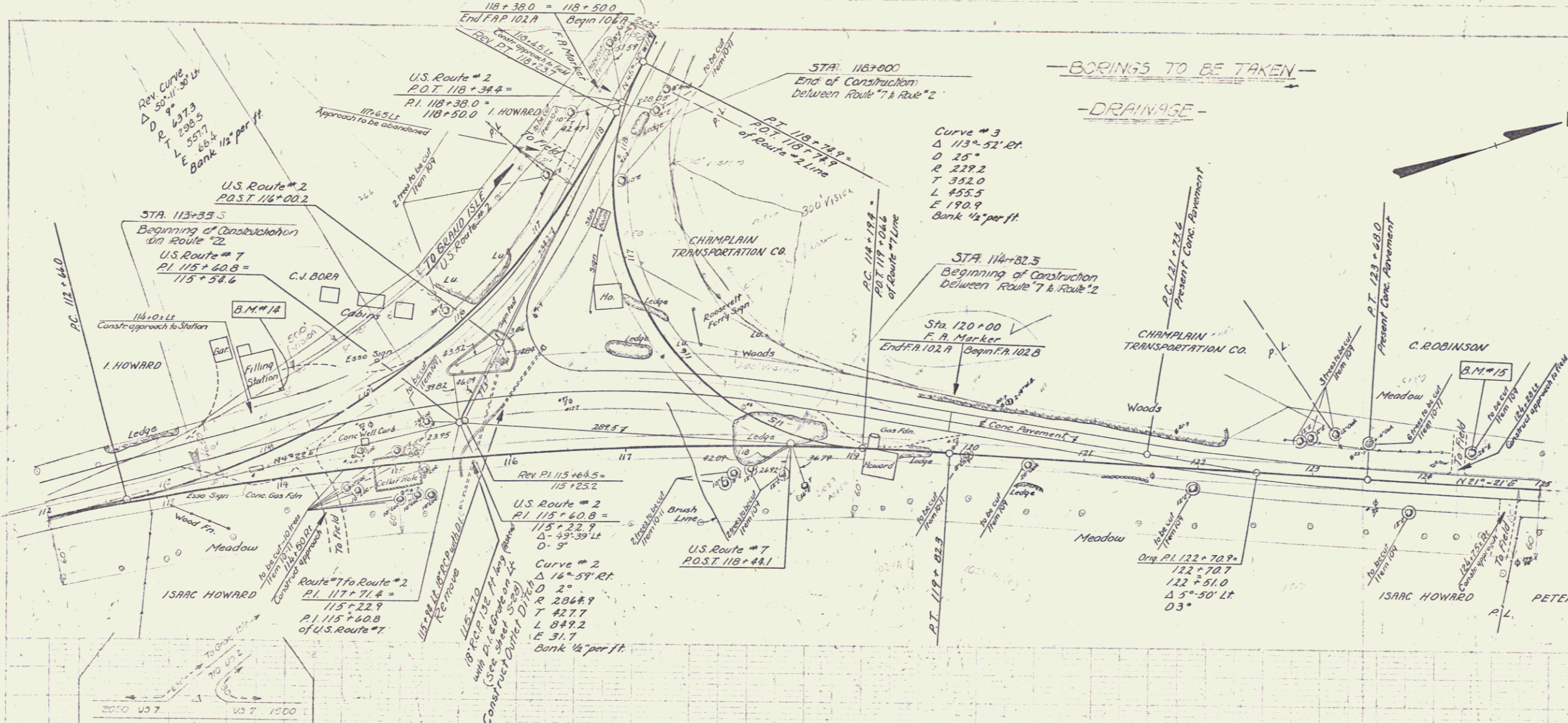


131.3	130.6	128.0	129.9	132.4	134.1	133.8	130.0	125.9	125.6	123.3	125.3	116.5	103.2	99.2	109.5	117.2	109.3	107.9	109.3	108.1	116.7	126.9	128.5	129.8	133.2	136.4	136.7	130.0	140.0	141.3	143.1	140.6	144.7	141.8	140.3	143.8	146.4	148.3	149.4	150.8	153.1	
104	+50	105	+50	106	+50	107	+50	108	+50	109	+50	110	+50	111	+50	112	+50	113	+50	114	+50	115	+50	116	+50	117	+50	118	+50	119	+50	120										

B.M. #13 - S.I.R. 24' Elm 102' Lt. Sta. 107 + 94 Elev. 127.99  
B.M. #14 - Spot on Concrete Fdn. 179' Lt. Sta. 113 + 81 Elev. 145.02

COLCHESTER series no. sheet 5 of sheets

6



B.M. #14 Spot on Conc. Pile 42' Lt. Sta. 114+30 Elev. 145.02  
 B.M. #15 S.I.R. 24" Elm. 25' Lt. Sta. 124+37 Elev. 153.06

Colabester 1157  
 Putnam  
 SERIES F-101 NO 102-14 FILED  
 SHEET 6 OF 7

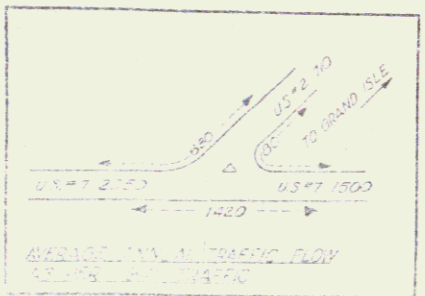


Rel Curve US #2  
 Δ 50°-11'-30" LT  
 D 9'  
 R 637.5  
 T 298.5  
 L 557.7  
 E 86.4

16°59' 0"  
 D 2004.9  
 T 427.7  
 L 849.2  
 E 31.7  
 2004.9 per ft

ROUTE 7 to ROUTE 17  
 ST 117+7.4  
 PI 115+60.3 US 7  
 US 2  
 ST 115+04.5  
 115+25.2

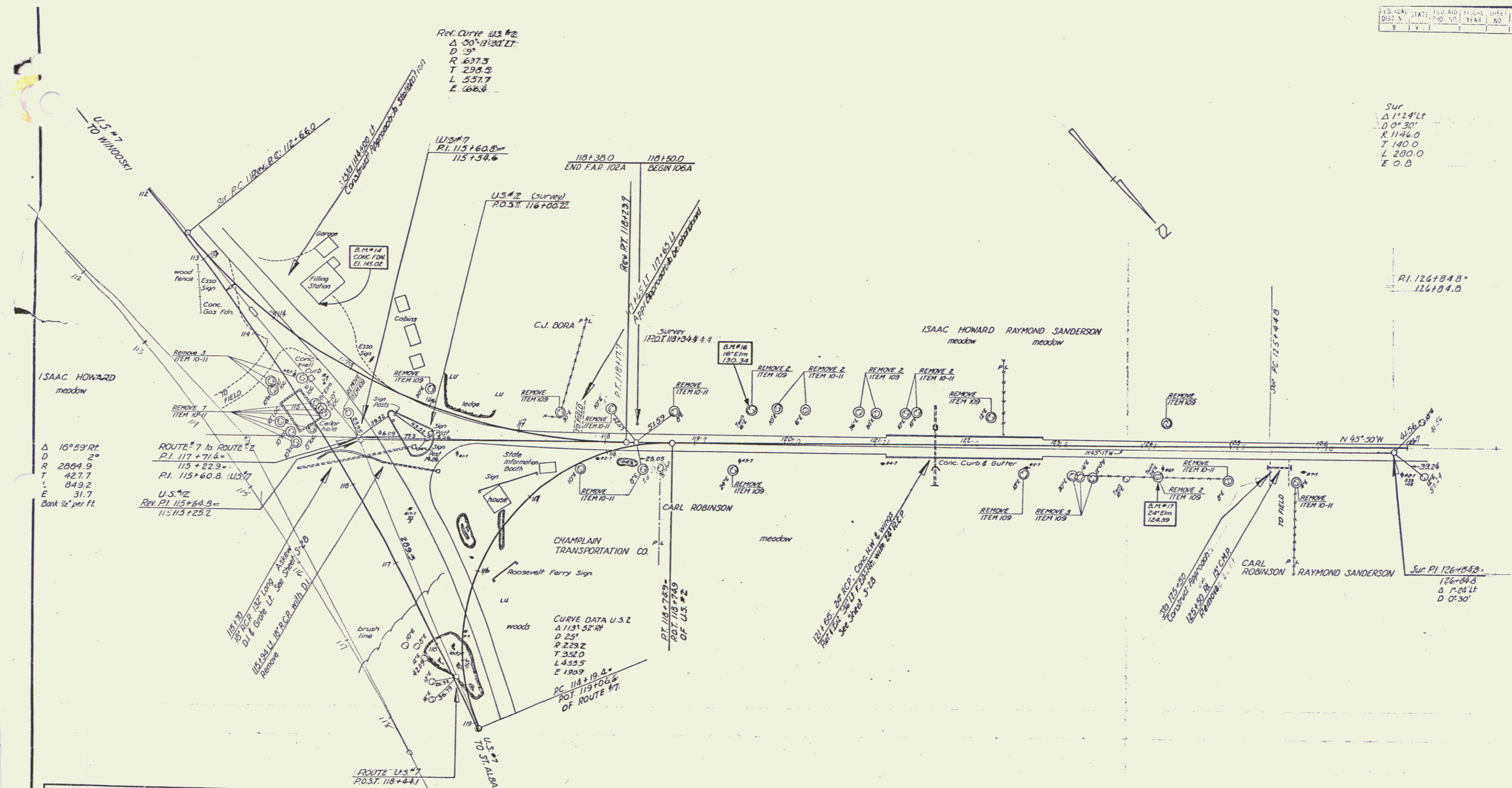
CURVE DATA US 2  
 Δ 113°-52' 0"  
 D 25'  
 R 229.2  
 T 352.0  
 L 355.3  
 E 190.9



Historical  
 MP 6.35±  
 RIGHT-OF-WAY DIVISION  
 TOWN FILE  
 PERPETUAL  
 Town of US 7  
 (To Be Returned To R.O.W. Division)

Checked by  
 Drawn by  
 Title  
 Date  
 Scale

FEDERAL STATE ROAD DIST. NO.	PROJECT NO.	SHEET NO.
9		9



Sur  
 $\Delta 1^{\circ}24'17''$   
 $D 0^{\circ}30'$   
 $R 1146.0$   
 $T 140.0$   
 $L 200.0$   
 $E 0.8$

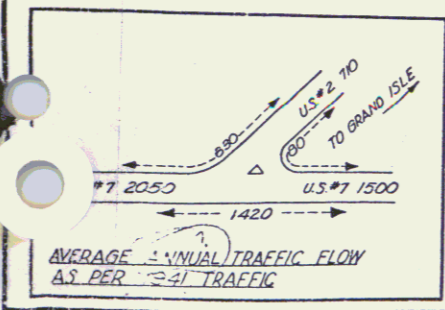
P.I. 126+84.8  
 126+84.8

Sur. P.I. 126+85.8  
 126+84.8  
 $\Delta 1^{\circ}24'17''$   
 $D 0^{\circ}30'$

$\Delta 16^{\circ}59'17''$   
 $D 2^{\circ}$   
 $R 2064.9$   
 $T 427.7$   
 $L 049.2$   
 $E 31.7$   
 Bank 1/2' per ft.

ROUTE #7 to ROUTE #2  
 P.I. 117+71.4  
 $115+22.9$   
 P.I. 115+60.8 (U.S. #7)  
 U.S. #2  
 Rev. P.I. 115+56.9  
 $115+73+25.2$

CURVE DATA U.S. 2  
 $\Delta 113^{\circ}52'17''$   
 $D 25'$   
 $R 229.2$   
 $T 352.0$   
 $L 453.5$   
 $E 190.9$   
 P.C. 118+19.4  
 P.O.T. 119+06.6  
 OF ROUTE #7



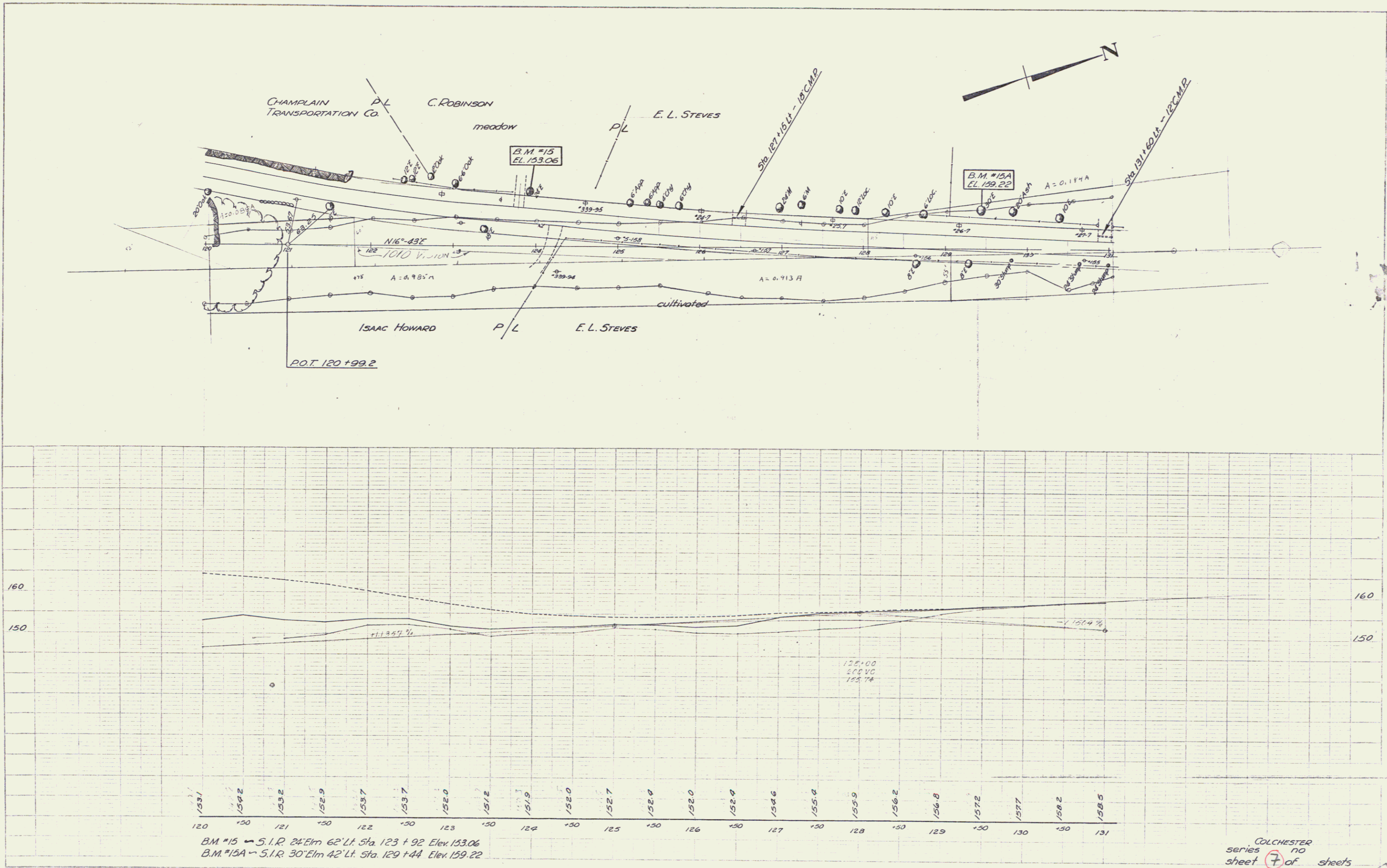
COLCHESTER U.S.-2.  
 Surveyed by Putnam  
 Designed by  
 Drawn by J.E.F.  
 Traced by J.O.C.  
 Checked by  
 Series No. 102/101  
 Sheet of Sheets

63

9

PLAN  
 DATE: 10/1/50  
 BY: [unclear]  
 CHECKED: [unclear]

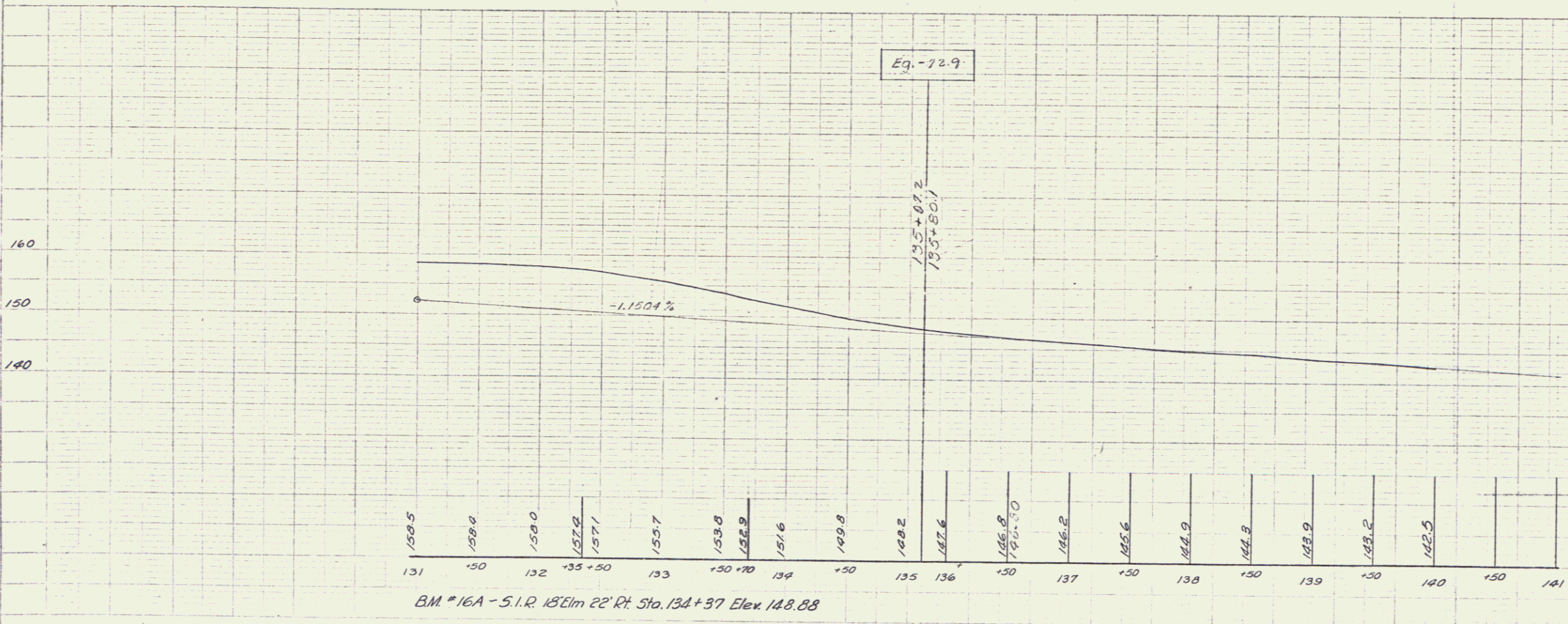
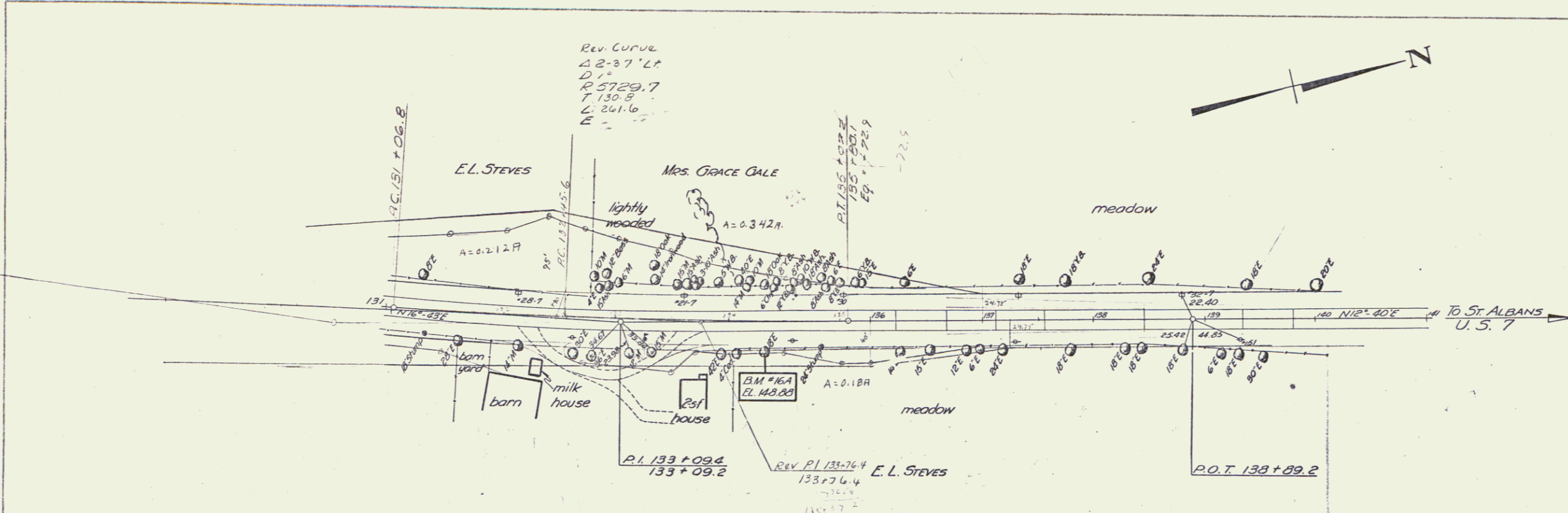
PROFILE  
 DATE: 10/1/50  
 BY: [unclear]  
 CHECKED: [unclear]



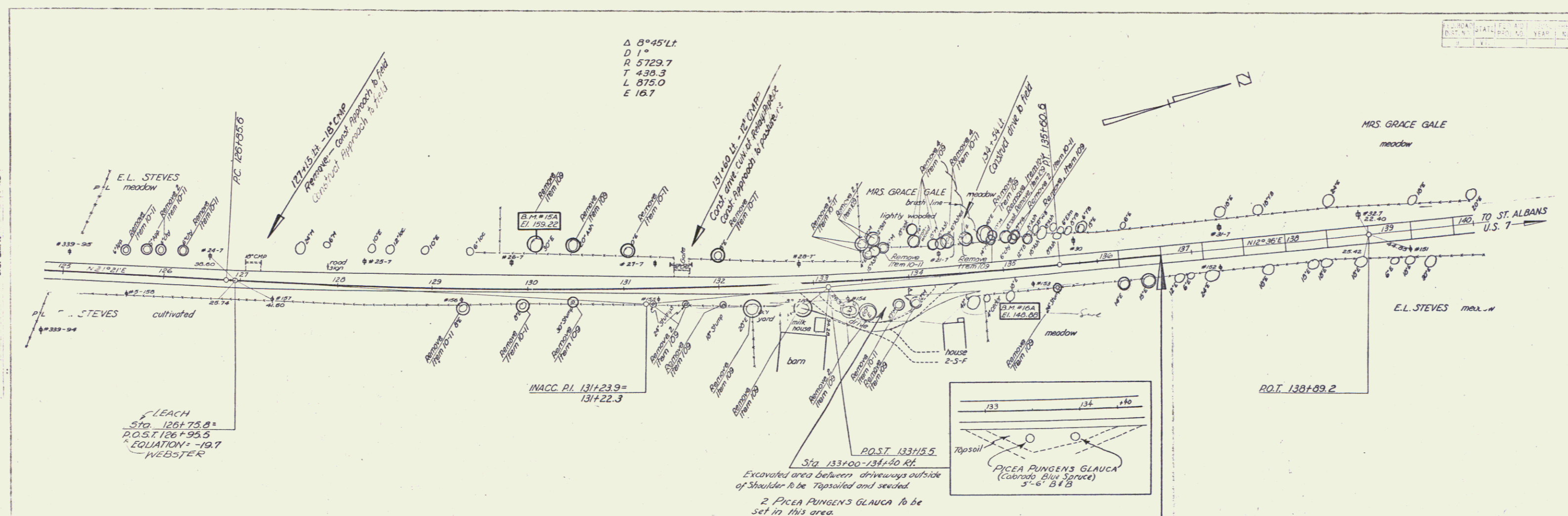
B.M. #15 ~ S.I.R. 24' Elm 62' Lt. Sta. 123 + 92 Elev. 153.06  
 B.M. #15A ~ S.I.R. 30' Elm 42' Lt. Sta. 129 + 44 Elev. 159.22

COLCHESTER  
 series NO  
 sheet 7 of sheets

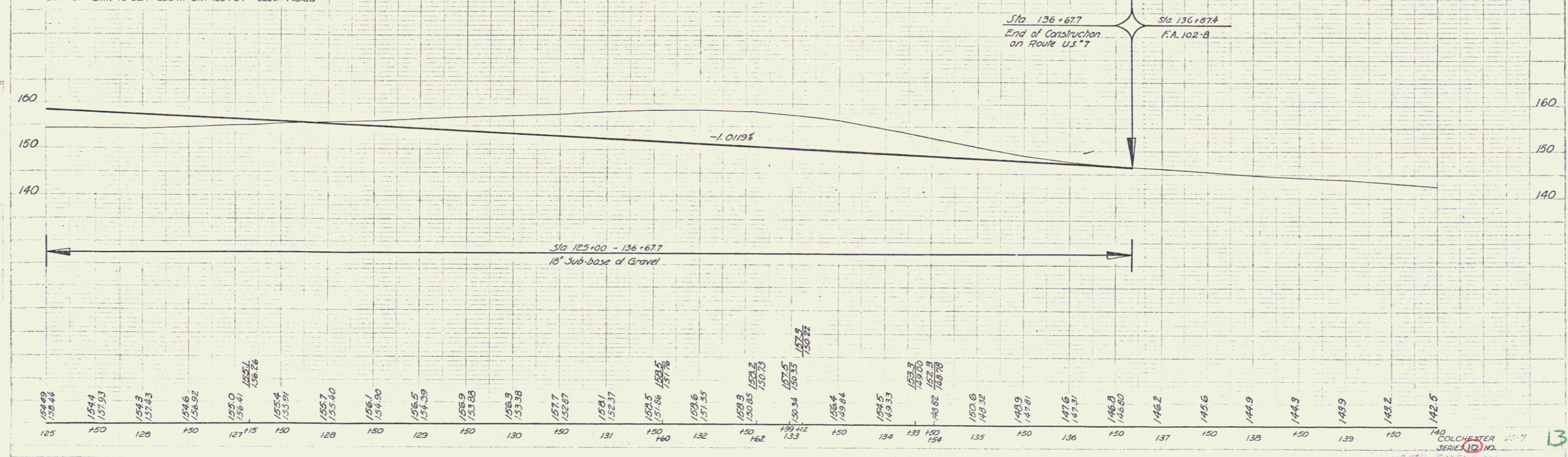




Series COLCHESTER  
sheet 9 of sheets



B.M. 15A S.I.R. 30' ELM 38.5' LT STA 130+06 ELEV. 159.22  
 B.M. 16A S.I.R. 18' ELM 23.0' RT STA 135+04 ELEV. 140.00



Station	Elevation
125	154.49
125	154.41
150	154.4
150	157.93
126	154.3
126	157.43
130	154.6
130	156.92
127+15	155.0
127+15	156.41
130	155.4
130	153.51
128	155.7
128	153.40
150	156.1
150	154.90
129	156.5
129	154.39
150	156.9
150	153.88
130	156.3
130	153.38
150	157.7
150	152.87
131	158.1
131	152.37
150	159.5
150	157.86
132	159.6
132	157.35
150	159.9
150	158.2
150	150.85
150	150.75
133	157.5
133	156.34
150	157.8
150	156.22
150	158.4
134	149.84
134	154.5
134	149.53
133	153.3
133	149.82
134	152.9
134	149.78
135	150.6
135	148.3E
150	148.9
150	147.81
136	147.6
136	147.51
150	146.8
150	146.80
137	146.2
150	145.6
138	144.9
150	144.3
139	143.9
150	143.2
140	142.5