

1. Title Sheet
2. Typical Sections
3. Quantity Sheet
4. Right-of-Way Detail Sheet
5. Plan of Roadway
6. Profile of Roadway
7. Plan and Elevation
8. Borings
9. Framing Plan
10. Typical Section and Bearing Device
11. Abutment No. 1
12. Abutment No. 2
13. Wing Wall Details
14. Approach Slabs
15. Reinforcing Steel
16. Reinforcing Steel
- 17-23. Channel Sections
- 24-33. Roadway Sections

- BRIDGE STANDARDS**
34. SB-E4-71 12/14/71
 35. SCB-D1-71 1/24/72 R
 36. SCB-D6-71 A.D.C.D 5/15/72 R
 37. SCB-D9-71 A 12/14/71
- ROADWAY STANDARDS**
38. A-7 Typ. Slope Eounding 12/14/71
 39. U2 - L.E.M. Headwalls 12/14/71
 40. D3 - Trapezoidal Buffers 12/14/71
 41. D4 - Gravel Barrow at Culverts 12/14/71
 42. E3 - Bridge Const. Appr. Signs 12/14/71
 43. E5 - B.P. Road Const. Signs 12/14/71
 44. E7 - Barricades 12/14/71
 45. G1b - Box Beam Guard Rail 12/14/71
 46. G4 - Wood Marker Posts 12/14/71
 47. J1 - Erection of Project Markers 12/14/71

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

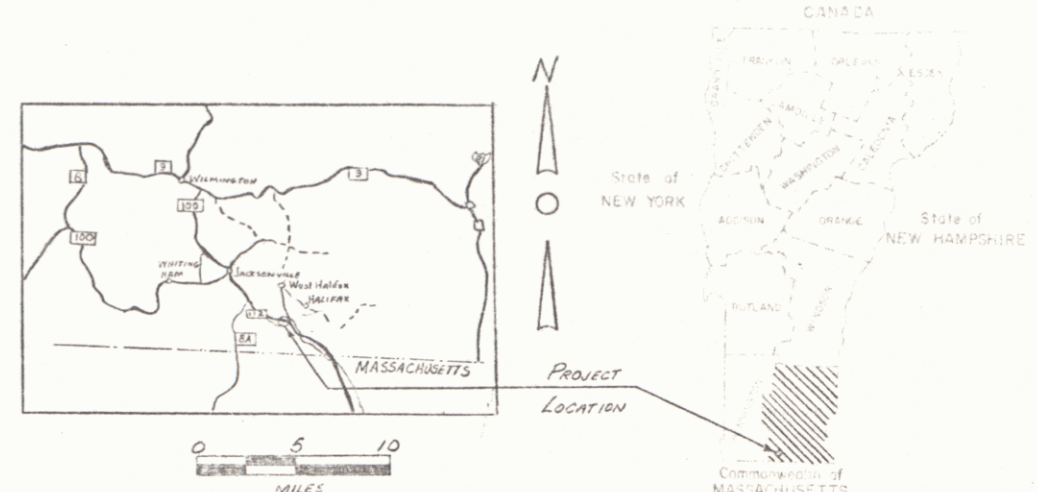


PROPOSED IMPROVEMENT
BRIDGE PROJECT

TOWN OF HALIFAX
WINDHAM COUNTY
VT. ROUTE 112, BRIDGE #8

BEGINNING ON VT ROUTE #112 APPROXIMATELY 5.04 MILES
NORTH OF THE VERMONT-MASSACHUSETTS STATE LINE
AND EXTENDING SOUTHERLY 1250 FEET ALONG VT RTE #112

LENGTH OF ROADWAY 1160.8 FEET = 0.216 MILES
LENGTH OF BRIDGE 891.9 FEET = 0.017 MILES
LENGTH OF PROJECT 1250 FEET = 0.233 MILES

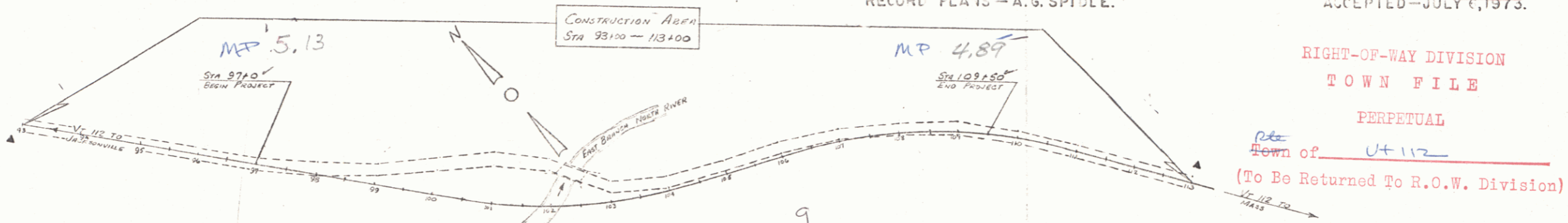


HALIFAX BP 0107-7126
RECORD PLANS PAVEMENT AREA
MATERIALS 3,025 S.Y.

SUBBASE OF GRAVEL - PICKS PIT - HALIFAX, VT. & ROBERTS PIT - COLRAIN, MA.
BITUMINOUS CONCRETE, CONCRETE CLASS A B B - WILLIAM E. DAILEY, INC. - SHAFTSBURY, VT.
METAL CULVERT PIPE - NORTHEASTERN CULVERT CORP. - WESTMINSTER, VT.
REINFORCING STRUCTURAL STEEL - BANCROFT & MARTIN, INC. - PORTLAND, ME.
STEEL CONNECTORS - NORTHEASTERN STUD WELDING CORP. - GUILFORD, N.Y.
MEMBRANE WATERPROOFING - VERMONT SEAL COATING - BARRE, VT.
EPOXY COATING COMPOUND - SIKKA COLTAC DUR - LYNDHURST, N.J.
GRANITE BRIDGE CURB - JOHN SYMONSON GRANITE CO. - CONCORD, N.H.
GUARD RAIL BEAMS - FERRIS WOOD PRODUCTS CO. - WALLINGTON, VT.
SPED & FERTILIZER - OLD FOX CHEMICAL, INC. - HAZARDVILLE, CT.

CONTRACTOR
WARREN BROS. INC. & DELTA MATERIALS CORP.
SUNDERLAND, MA.
RESIDENT ENGINEER - RICHARD P. RUSSELL, JR.
RECORD PLANS - A.G. SPIDLE.

CONTRACT
DATED - AUGUST 14, 1972.
STARTED - AUGUST 30, 1972.
COMPLETED - JULY 6, 1973.
ACCEPTED - JULY 6, 1973.



RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of U-112
(To Be Returned To R.O.W. Division)

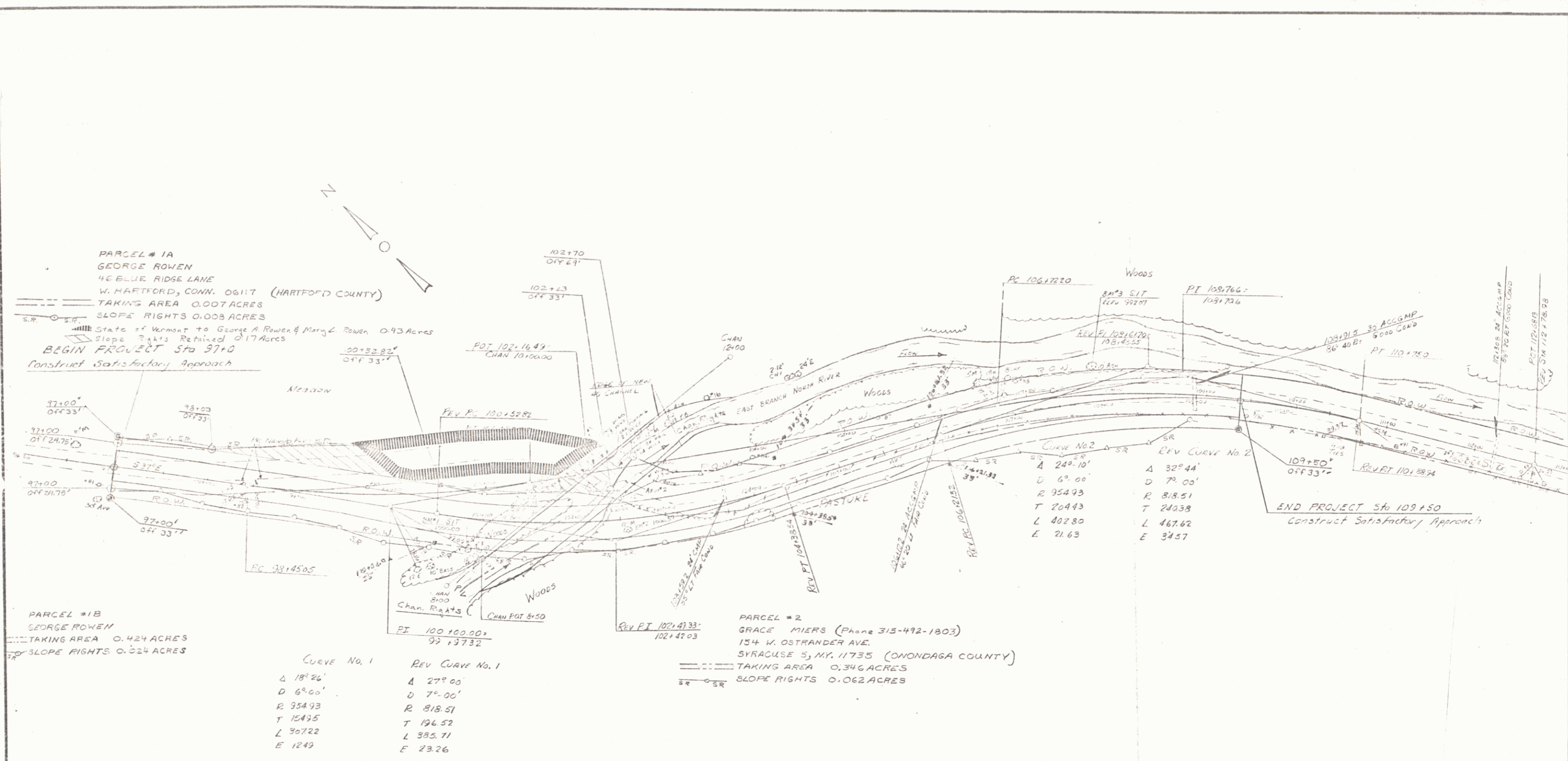
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NOTES ARE FURNISHED IN MATTER CONCERNING
FIELD CONDITIONS, DISTANCE OF
RELATIVE TO THIS PROJECT AND BE
EITHER THE FIELD BOOKS OR THE
FILE.

CONVENTIONAL
M
HALIFAX BP 0107-7126
CONTRACTOR - WARREN BROS. & DELTA MATERIALS CORP.
SUNDERLAND, MA.
CONSTRUCTION COMPLETED - JULY 6, 1973.
RECORD PLANS - A.G. SPIDLE.

RECOMMENDED FOR APPROVAL DISTRICT ENGINEER DATE 6-9-72	RECOMMENDED FOR APPROVAL CONSTRUCTION ENG. DATE 5/16/72	RECOMMENDED FOR APPROVAL BRIDGE ENGR. (SEAL) DATE 6/19/72	RECOMMENDED FOR APPROVAL ASST. CHIEF ENGINEER DATE 12/14/72
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These plans are subject to such revisions as may be required by the District Engineer.
Construction is to be carried out in accordance with the plans and the Standard Specifications for Highway and Bridge Construction dated January 3, 1972, including all subsequent approved revisions and such supplemental specifications as may be required from time to time.
R. Russell 6/13/72
HALIFAX
Project BP 0107-7126
SHEET 1 47



PARCEL # 1A
 GEORGE ROWEN
 46 BLUE RIDGE LANE
 W. HARTFORD, CONN. 06117 (HARTFORD COUNTY)
 TAKING AREA 0.007 ACRES
 SLOPE RIGHTS 0.003 ACRES
 State of Vermont to George A. Rowen & Mary L. Rowen 0.93 Acres
 Slope Rights Retained 0.17 Acres
 BEGIN PROJECT Sta 97+0
 Construct Satisfactory Approach

PARCEL # 1B
 GEORGE ROWEN
 TAKING AREA 0.424 ACRES
 SLOPE RIGHTS 0.324 ACRES

PARCEL # 2
 GRACE MIERS (Phone 315-492-1803)
 154 W. OSTRANDER AVE.
 SYRACUSE 5, N.Y. 11735 (ONONDAGA COUNTY)
 TAKING AREA 0.346 ACRES
 SLOPE RIGHTS 0.062 ACRES

CURVE No. 1	REV CURVE No. 1
Δ 18° 26'	Δ 27° 00'
D 6° 00'	D 7° 00'
R 354.93	R 818.51
T 154.95	T 196.52
L 367.22	L 385.71
E 12.49	E 23.26

CURVE No. 2	REV CURVE No. 2
Δ 24° 10'	Δ 32° 44'
D 6° 00'	D 7° 00'
R 954.93	R 818.51
T 204.43	T 240.38
L 402.80	L 467.62
E 21.63	E 34.57

SCALE 1"=50'

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF HALIFAX	Bridge No. 5
HIGHWAY NO. VT 112	Log Sta. 45+0
	Surv. Sta. 122+00
VT 112 OVER EAST BRANCH NORTH RIVER S.I. - P. - DAY DETAIL SHEET	
Designed by	Drawn by I.A. DUNN
Checked by	Bridge Design Supervisor
date	date 1-18-73
PROJECT HALIFAX	PROJECT NO. BF 0107 726
Bridge Sheet No.	Sheet 4 of 17

ITEM 202.15 EXCAVATION AND
REMOVAL OF ROAD SURFACES AND PAVEMENTS

Left
10010' ~ 102125'

ITEM 621.45 GUARD RAIL,
BOX BEAM WITH STEEL POSTS

Left
10010' ~ 101154'
102186' ~ 104140'

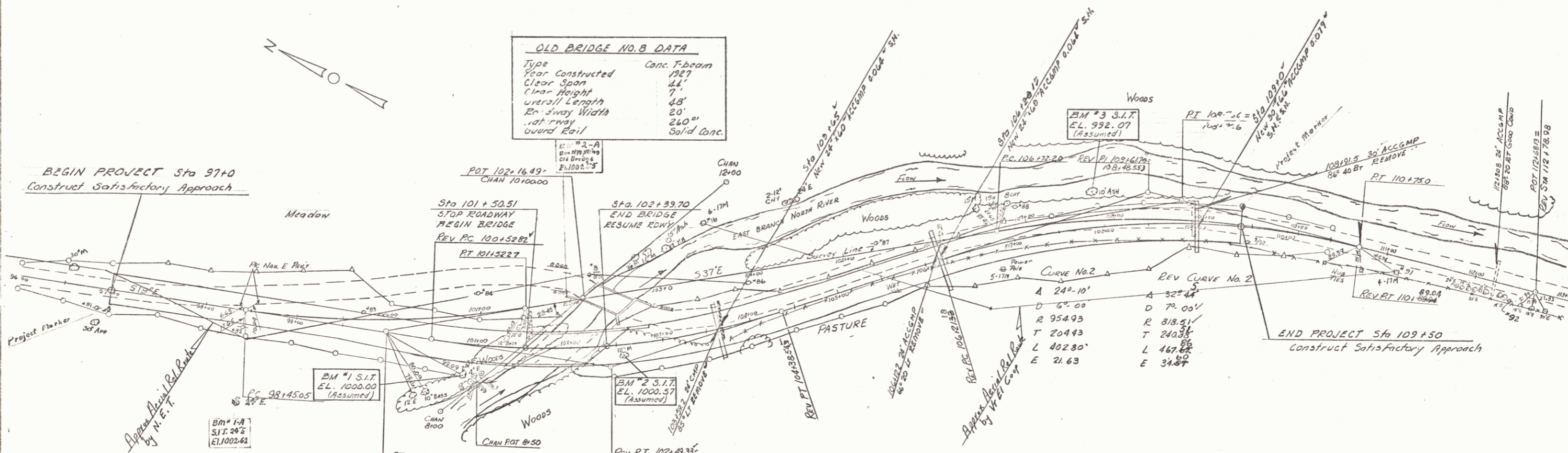
Right
99148' ~ 101102'
102129' ~ 103185'

ITEM 619.15 WOOD MARKER POSTS

Sta 103165'
Sta 104120.15
Sta 10910'

OLD BRIDGE NO. 8 DATA

Type	Conc. T-beam
Year Constructed	1927
Clear Span	44'
Clear Height	7'
Wayside Length	48'
Roadway Width	20'
Guard Rail	Solid Conc.



Curve No. 1	Rev Curve No. 1
Δ 18°26'	Δ 27°00'
D 6°00'	D 7°00'
R 934.93	R 818.51'
T 154.95'	T 196.52'
L 30.722'	L 385.71'
E 1249'	E 23.26'

GENERAL NOTES:

SEED ITEM 651.10
To be Applied As Directed By The Engineer

% WGT.	LBS/A.	NAME	PUR.	SEED L.
41.67	25	Creeping Red Fescue	98	85
23.00	15	Alfalfa	99	85
8.33	5	Red Top	92	85
14.67	10	Perennial Ryegrass	95	90
8.33	5	Birdsfoot Trefoil (Empire)	98	80
100.00	60			

The seed mixture shall not have a weed content exceeding 0.40% by weight and shall be free from all noxious weed seed.

FERTILIZER ITEM 651.15
Formula 10-20-10 to be used with Seed Item 651.10 applied at a rate of 500 Lbs./Acre.

HAY MULCH ITEM 651.25
To be placed on earth slopes at the rate of 2 Tons/Acre.

SCALE 1"=50'

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF HALIFAX	Bridge No. 8
HIGHWAY NO. Vt 112	Log No. 4319
Vt 112 OVER EAST BRANCH NORTH RIVER	Surv. Sta. 102100
PLAN	
Designed by E.L. Oatley	Drawn by L.M. DUNN
Checked by E.L. Oatley date 4/72	Bridge Design Supervisor J. Wood date 4/72
PROJECT HALIFAX	PROJECT NO. BP 0107-7126
Bridge Sheet No.	Sheet 5 of 47