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STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC COUNT

1982 ADT 200
1992 ADT 230

PROPOSED IMPROVEMENT
BRIDGE PROJECT

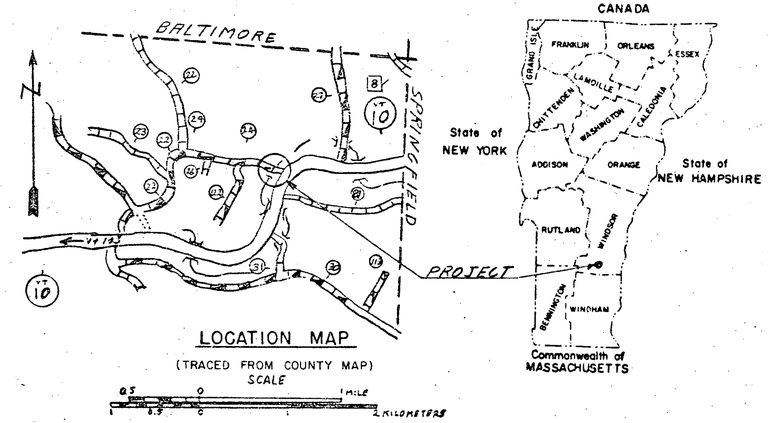
TOWN OF *CHESTER*
COUNTY OF *WINDSOR*

ROUTE NO: *TH 24-CL3* BRIDGE NO: *60*

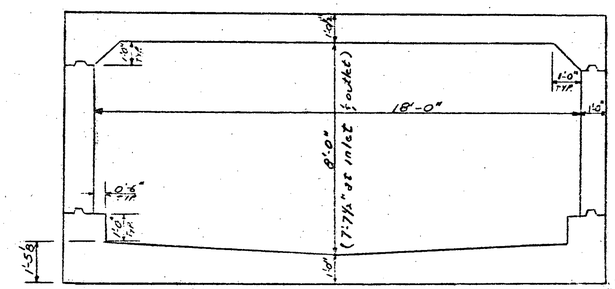
PROJECT LOCATION: *BEGINNING APPROXIMATELY 200 FT. WESTERLY OF VT. RT. 10, AND EXTENDING 200' WESTERLY.*

PROJECT DESCRIPTION: *REMOVAL OF EXISTING STRUCTURE. CONSTRUCT NEW R.C. BOX, RELATED ROADWAY AND CHANNEL WORK*

LENGTH OF STRUCTURE:	20.3	FEET
LENGTH OF PARTICIPATION ROADWAY:	179.7	FEET
LENGTH OF NON-PARTICIPATION ROADWAY:	0.0	FEET
LENGTH OF PROJECT:	200.0	FEET



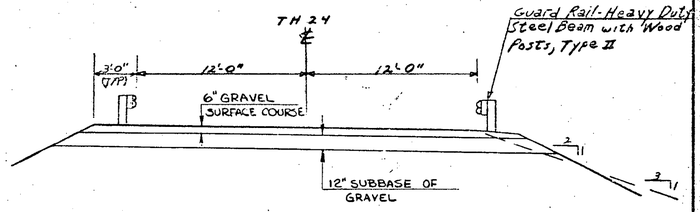
LOCATION MAP
(TRACED FROM COUNTY MAP)
SCALE



TYPICAL BRIDGE SECTION
Scale 3/8" = 1'-0"

GENERAL NOTES

1. The existing structure shall be removed in it's entirety. PAYMENT FOR REMOVAL OF THE STRUCTURE SHALL BE THE UNIT PRICE BID FOR 'REMOVAL OF STRUCTURE'. THE EXISTING DECKING AND BEAMS SHALL REMAIN THE PROPERTY OF THE TOWN.
2. Water Repellent shall be applied to all exposed concrete surfaces excepting the interior of the box.
3. THE EXISTING STONE WALL TO BE REMOVED FROM ±11+50 RT. TO ±11+75 RT. IS TO BE STOCKPILED NEAR ITS PRESENT LOCATION SO IT CAN BE REPLACED BY THE TOWN AFTER COMPLETION OF THE PROJECT. ANY PORTIONS OF OTHER STONE WALLS, WITHIN THE PROJECT LIMITS, WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REBUILT BY THE CONTRACTOR TO THE SATISFACTION OF THE PROPERTY OWNER. PAYMENT FOR THIS WORK SHALL BE SUBSIDIARY TO ALL OTHER CONTRACT ITEMS.
4. ALL DISTURBED EARTH SURFACES AND NEW EMBANKMENTS SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH SECTION 651, TURF ESTABLISHMENT. PAYMENT WILL BE CONSIDERED TO BE SUBSIDIARY TO ALL OTHER CONTRACT ITEMS.
5. Design loading is H-20
6. T.H. 24 MAY BE CLOSED TO VEHICULAR TRAFFIC DURING CONSTRUCTION. BUT, PEDESTRIAN TRAFFIC MUST BE MAINTAINED, AT ALL TIMES, FOR THE DURATION OF THE PROJECT. PAYMENT WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 638.12, 'TEMPORARY FOOT BRIDGE'. THE CONTRACTOR MUST GIVE THE TOWN TWO WEEKS NOTICE PRIOR TO CLOSING T.H. 24. SEE SPECIAL PROVISIONS FOR TIME RESTRICTIONS ON CLOSING T.H. 24.



TYPICAL ROADWAY SECTION
Scale 1" = 5'

CONVENTIONAL SIGNS

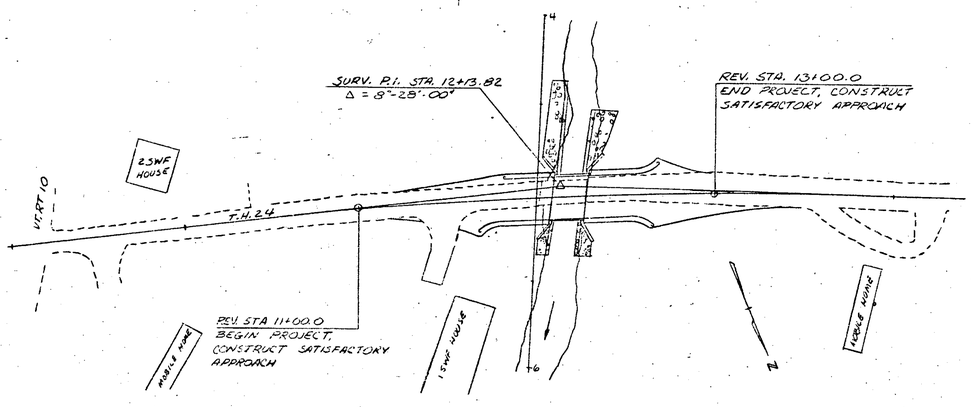
COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

HYDRAULIC DATA

Drainage Area = 8.58 Sq. Mi.

Q_{10} = 850 cfs	HW Elev. = 491.9
Q_{25} = 1100 cfs	HW Elev. = 492.8
Q_{50} = 1300 cfs	HW Elev. = 493.8
Q_{100} = 1500 cfs	HW Elev. = 494.3
Tailwater at Q_{25} =	490.7
Velocity at Q_{25} =	10.8 FPS

DATUM
VERTICAL *Assumed*
HORIZONTAL *N/A*



PLAN
Scale 1" = 40'

These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Director of Engineering and Construction.

Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976, as approved by the Federal Highway Administration on October 27, 1976 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD
APPROVED S.J. Crane P.E. DATE 7-22-83
DIRECTOR OF ENGINEERING AND CONSTRUCTION

PROJECT	PROJECT NO.
CHESTER	BRZ 1442(8)

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