

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF HARTFORD
COUNTY OF WINDSOR

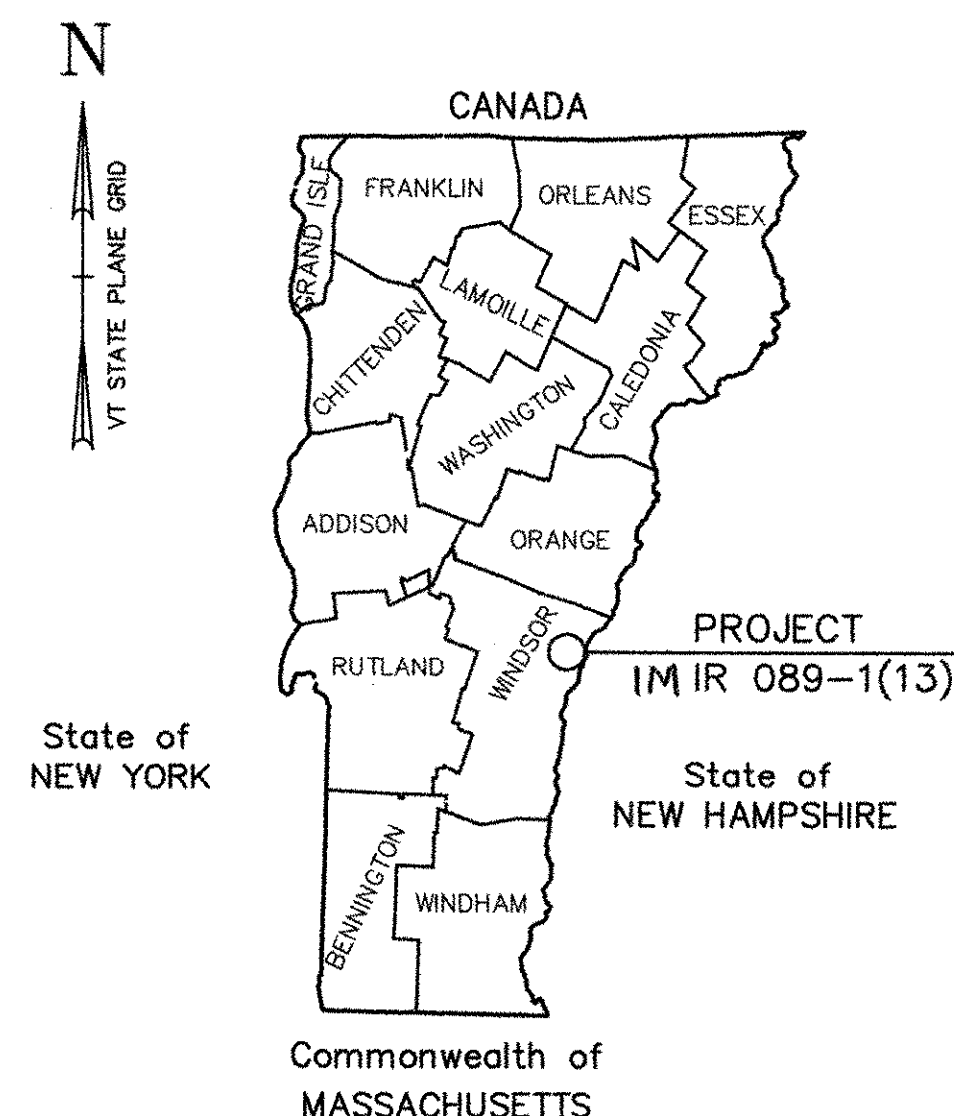
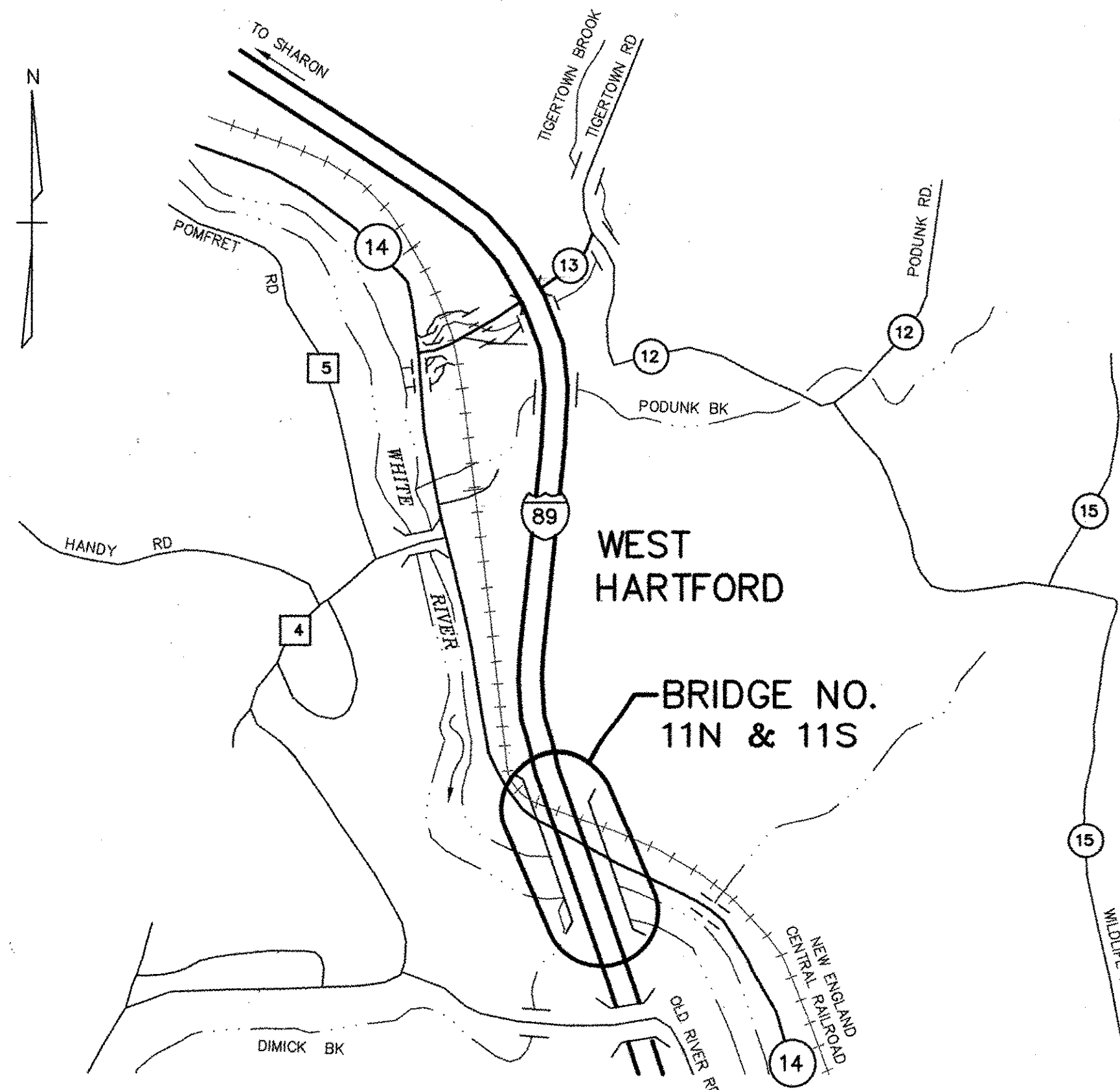
ROUTE NO.: I-89 BRIDGE NO.: 11N & 11S

PROJECT LOCATION: I-89 BRIDGES 11N AND 11S OVER THE WHITE RIVER, VT. 14, AND NECR

PROJECT DESCRIPTION: INSTALL TRAFFIC CONTROL, REHABILITATE BRIDGES, PAINT BRIDGES, AND REMOVE TRAFFIC CONTROL.

LENGTH OF STRUCTURES: BRIDGE 11N 1058.84 FEET
BRIDGE 11S 1058.84 FEET

TOTAL LENGTH OF STRUCTURES: 2117.68 FEET



LOCATION MAP

RECORD PLANS

CONTRACTOR: WINTerset INC. LYNDONVILLE, VT
RESIDENT ENGINEER: JACK COUTURE
CONSTRUCTION BEGAN: APRIL 14, 1999
CONSTRUCTION COMPLETE: APRIL 11, 2002
RECORD PLANS BY: K. NORTH, N. GARBACIK

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY *Jack Couture* RESIDENT ENGINEER
DATE 6-15-05

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED *[Signature]* DATE 10/17/98
DIRECTOR OF PROJECT DEVELOPMENT
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED *[Signature]* DATE 11-06-98
DIVISION ADMINISTRATOR

PROJECT: HARTFORD IM IR 089-1(13)

SHEET 1 OF 101 SHEETS

VANASSE HANGEN BRUSTLIN, INC.

THE PROPOSED REHABILITATION OF BRIDGES 11N AND 11S INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- CONSTRUCTING MEDIAN CROSSOVERS TO MAINTAIN TRAFFIC
- REMOVING THE EXISTING CONCRETE BRIDGE DECKS AND APPURTENANCES
- INSTALLING STUD SHEAR CONNECTORS ON EXISTING GIRDERS
- REPLACING SCUPPERS AND REPAIRING AND/OR REPLACING SELECTED DETERIORATED LATERAL BRACING AND CROSS FRAME MEMBERS
- REPLACING ALL ROCKER EXPANSION BEARINGS WITH FABRIC BEARINGS AT ABUTMENTS AND ELASTOMERIC BEARINGS AT PIERS.
- STRENGTHENING THE CONNECTION OF THE FIXED BEARINGS TO THE GIRDERS BY WELDING, AND TO THE PIER CAP BY ENCASING THE BEARING IN CONCRETE.
- REPAIRING DETERIORATED SUBSTRUCTURE CONCRETE
- CONSTRUCTING BRIDGE SEAT EXTENSIONS AT ALL 4 ABUTMENTS TO MEET SEISMIC PERFORMANCE CATEGORY A REQUIREMENTS
- REPLACING EXISTING FINGER JOINTS AT ABUTMENTS WITH NEW FINGER JOINTS
- CONSTRUCTING NEW CONCRETE BRIDGE DECKS
- CONSTRUCTING CONCRETE BARRIER BRIDGE RAILING
- INSTALLING SHEET MEMBRANE WATERPROOFING ON BRIDGE DECKS AND APPROACH SLABS
- PAVING BRIDGE DECKS WITH 2 1/2" OF BITUMINOUS CONCRETE PAVEMENT
- COLD PLANING AND REPAVING THE APPROACHES TO TRANSITION NEW BRIDGE PAVEMENT INTO EXISTING APPROACH PAVEMENT
- APPLYING WATER REPELLENT TO EXPOSED SUPERSTRUCTURE AND SUBSTRUCTURE CONCRETE SURFACES
- INSTALLING GUARD RAIL APPROACH SECTIONS
- COMPLETE CLEANING AND PAINTING OF ALL EXISTING STRUCTURAL STEEL THAT IS TO REMAIN

CONVENTIONAL SIGNS

- COUNTY LINE
- - - TOWN LINE
- LIMITS OF ACCESS
- X POINT OF ACCESS
- x-x- FENCE LINE
- STONE WALL
- - - TRAVELED WAY
- GUARD RAIL
- RAILROAD
- SURVEY LINE
- CULVERT
- UTILITY POLE
- TRESS
- /// CONTROL OF ACCESS
- PROPERTY LINE
- R.O.W.
- SR △ SLOPE RIGHTS
- △ TOP OF CUT
- TOE OF CONST. SLOPE

DATUM
VERTICAL N/A
HORIZONTAL N/A