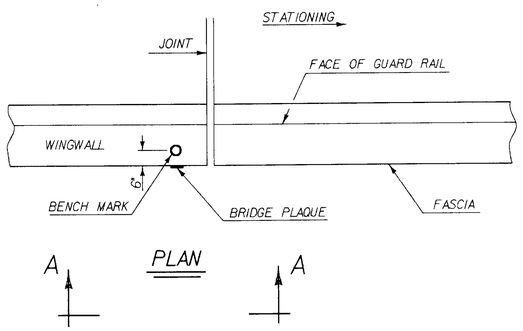
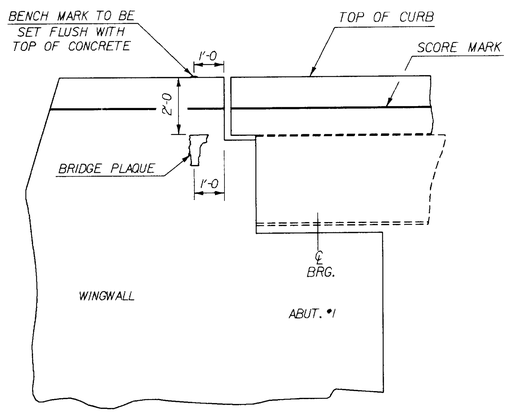




VIEW "A - A"

LOCATION OF BENCH MARK AND BRIDGE PLAQUE

THE BRIDGE PLAQUE AND BENCH MARK WILL BE SUPPLIED BY THE AGENCY OF TRANSPORTATION AND SHALL BE INSTALLED BY THE CONTRACTOR AT ABUTMENT #1 ON THE RIGHT SIDE AS SHOWN OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

1. THE FOLLOWING NOTES SHALL APPLY UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES , AND ITS LATEST REVISIONS.
3. DESIGN IS FOR HS-25-44 LOADING UNLESS OTHERWISE NOTED ON THE PLANS.
4. ALL FIELD CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER, TYPE III BOLTS MEETING AASHTO M 164. HOLES SHALL BE 15/16" DIAMETER. CONNECTIONS NOT DESIGNATED SHALL BE DETAILED BY THE FABRICATOR AND SUBMITTED TO THE STATE FOR APPROVAL.
5. ALL WELDING SHALL CONFORM WITH THE PROVISIONS OF SUBSECTION 506.10.
6. AFTER SUPERSTRUCTURE STEEL HAS BEEN ERECTED, ELEVATIONS ALONG THE TOP OF BEAMS SHALL BE TAKEN AS DIRECTED BY THE ENGINEER FOR USE IN DETERMINING FINAL GRADE.
7. ANY FORM BRACKET HOLES IN FASCIA GIRDER WEBS NOT OTHERWISE FILLED SHALL BE FILLED WITH BUTTON HEAD OR HEX HEAD BOLTS. (TYPE III ON AASHTO M270 GR 50W STEEL)
8. MINIMUM COVER FOR REINFORCING STEEL SHALL BE TWO (2) INCHES ALONG BACK FACES OF WALLS AGAINST EARTH, AND THREE (3) INCHES ELSEWHERE.
9. REINFORCING PLACEMENT TOLERANCES SHALL BE:
   SPACING +- 1"
   CLEARANCE +- 1/4"
10. DECK CONCRETE SHALL BE "CONCRETE, CLASS A". ALL OTHER CONCRETE SHALL BE "CONCRETE, CLASS B" UNLESS OTHERWISE DESIGNATED ON THE PLANS.
11. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" BY 1".
12. SURFACES OF BRIDGE SEATS UNDER BEARING DEVICES SHALL BE LEVEL. OTHER BRIDGE SEAT AREAS SHALL BE SLOPED 1/2" PER FOOT. ABUTMENT SEATS SHALL BE SLOPED FULL WIDTH TOWARD CENTER SPAN. PIER SEATS SHALL BE SLOPED EACH WAY FROM CENTER. THE ENTIRE BRIDGE SEAT SURFACE SHALL BE SMOOTH STEEL TROWEL FINISHED.
13. FOR BRIDGE DECK POURS, THE MAXIMUM TIME LIMIT FOR ANY COMBINATION OF POURS DONE IN ONE DAY SHALL BE EIGHT HOURS. THERE SHALL BE A MINIMUM DELAY OF NINETY SIX HOURS BETWEEN THE COMPLETION OF ONE DAY'S POUR AND THE BEGINNING OF ANY OTHER POUR.
14. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF DECK BETWEEN DRIP BEADS.
15. THE FOLLOWING TABLE OF ALLOWABLE STRESSES APPLY TO THESE PLANS FOR DESIGN PURPOSES:
    * CONCRETE: f'c = 3500 PSI fc=1400 PSI

AASHTO M270 GR 50W

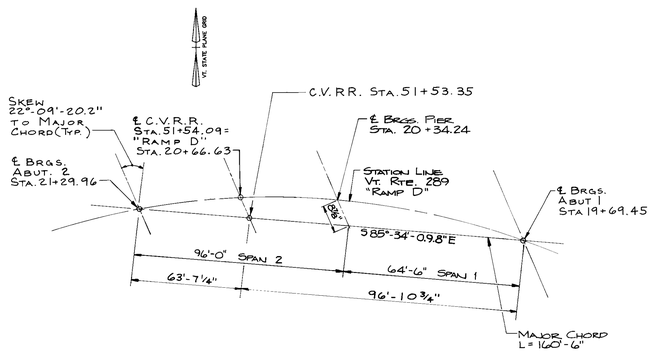
STRUCTURAL STEEL: F = 27,000 PSI (WORKING STRESS)

AASHTO M31

REINFORCING STEEL: Ft = 24,000 PSI

* NOTE: SPECIFICATIONS CALL FOR A CLASS A CONCRETE WHICH WILL PRODUCE 4000 PSI AT 28 DAYS.

16. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 68 DEGREES FAHRENHEIT UNLESS OTHERWISE NOTED.
17. FILL IN AREAS THROUGH WHICH PILES ARE TO BE DRIVEN SHALL HAVE A MAXIMUM STONE SIZE OF NINE (9) INCHES.
18. JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
19. THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.



SCHEMATIC LAYOUT
N.T.S.

BUILT AS DESIGNED F /// 1994 JG

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of ESSEX	Bridge No. 13
Highway No. VT. RTE. 289	Log Sta. / Surv. Sta. RAMP 15+00
VT. RTE. 289 "RAMP D" OVER CVRR	
GENERAL NOTES AND COMMON DETAILS	
Designed By FORM / P.C.	Drawn By FORM / M.W.D.
Checked By RJS Date 10/12/90	Bridge Design Supervisor MWO Date 10/12/90
PROJECT WILLISTON - COLCHESTER	PROJECT NO. PB 033-1 (2)
I.G.C. Info. ZFA:[30,32]83E069DET.DGN	PRF:GENRLNOTE
Bridge Sheet No. BR302	Sheet 167 of 400