



NOTES:

1. END DRIP NOTCH 5 FEET BEFORE END OF SLAB AT "DOWNHILL" ABUTMENTS AT 45°.
2. EXISTING SPIRAL REINFORCEMENT (IF ENCOUNTERED) SHALL BE REMOVED AND REPLACED WITH WELDED STUD SHEAR CONNECTORS, ITEM 508.15, AS SHOWN. EXISTING SHEAR STUDS (IF ENCOUNTERED) SHALL BE REMOVED AND REPLACED WITH WELDED SHEAR STUDS AT THE DISCRETION OF THE RESIDENT ENGINEER. THESE ATTACHMENTS SHALL BE CUT OFF SLIGHTLY ABOVE THE FLANGE, THEN REMAINING MATERIAL SHALL BE GROUND FLUSH WITH THE FLANGE. GRINDING SHALL BE DONE IN THE LONGITUDINAL DIRECTION SO THAT NO TRANSVERSE MARKS ARE LEFT. REMOVAL OF EXISTING SPIRAL REINFORCEMENT OR STUDS SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 529.20, "PARTIAL REMOVAL OF STRUCTURE."
3. FOR DETAILS OF NEW BEARING STIFFENERS AND ABUTMENT DIAPHRAGMS, SEE TYPICAL ROLLED BEAM DETAILS, BRIDGE SHEET C-16.
4. ALL NEW STRUCTURAL STEEL SHALL BE AASHTO M270, GRADE 50W STEEL. BOLTS SHALL BE 7/8" DIAMETER AASHTO M-164 TYPE 3 BOLTS IN 1 5/16" DIAMETER HOLES.
5. FOR CURTAINWALL DETAILS AND REINFORCEMENT LAYOUT, SEE TYPICAL CURTAINWALL REINFORCEMENT, BRIDGE SHEET C-42.
6. FOR DETAILS OF NETC BRIDGE RAIL AND APPROACH SECTION, SEE STANDARD SHEETS BR1-97 AND BR3-97, AND GUARD RAIL APPROACH SECTION, NETC 2 RAIL, BRIDGE SHEETS C-46A AND C-46B.
7. REMOVE 100% OF EXISTING PAINT COATING FROM EXISTING STRUCTURAL STEEL. PAINT ALL NEW AND EXISTING STRUCTURAL STEEL, USING ITEMS 513.30, 513.36 AND 513.41. FINAL COAT TO BE DARK BROWN (COLOR CHIP #20059).
8. EXISTING SCUPPER DOWNSPOUTS SHALL BE REMOVED PRIOR TO REMOVAL OF DECK CONCRETE. REMOVAL OF WELDS SHALL BE PERFORMED BY GRINDING, IN ACCORDANCE WITH THE PROCEDURES SHOWN IN NOTE 2. THIS SHEET. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO ITEM 529.20, "PARTIAL REMOVAL OF STRUCTURE".

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of MIDDLESEX-BOLTON	Bridge No. 49N&S
Highway No. I-89	Log Sta. Surv. Sta.
I-89 OVER TH 7	
TRANSVERSE SECTION (49N&S)	
Designed By P.W. SZUSTAK	Drawn By R.A. BOTZENHART
Checked By J.P. HALSTEAD	Bridge Design Supervisor J.P. HALSTEAD
Date 10/99	Date 10/99
PROJECT MIDDLESEX-BOLTON	PROJECT NO. IM-089-2(26)
TVGA CAD Drawing No. 49tsect	Date 10/99
Bridge Sheet No. BR49-4	Sheet 78 of 307

