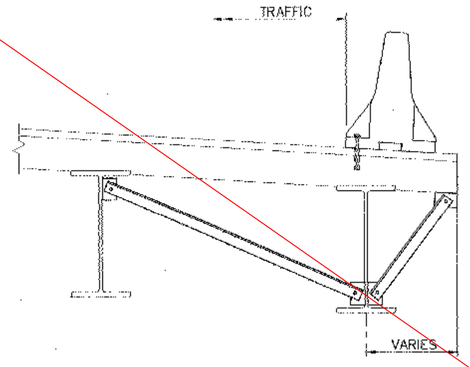
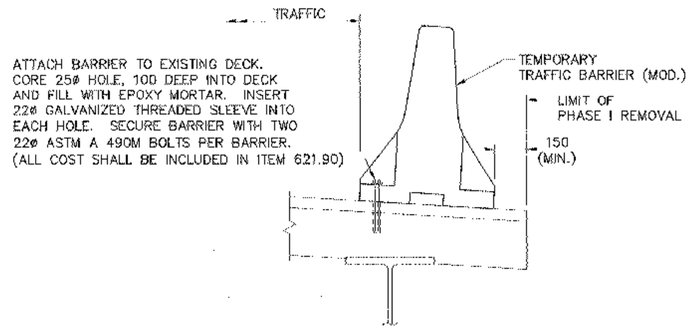


SUPERSTRUCTURE BRACING

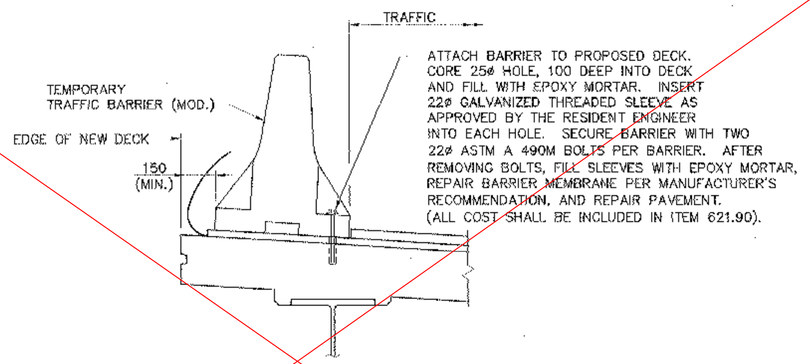
(BRACING OF EXISTING SUPERSTRUCTURE SHOWN, BRACING OF NEW SUPERSTRUCTURE SIMILAR)
N.T.S.

SUPERSTRUCTURE BRACING NOTES:

1. SUPERSTRUCTURE BRACING MAY BE REQUIRED AT THE LOCATIONS SHOWN DUE TO PHASED CONSTRUCTION REQUIREMENTS. THE SUPERSTRUCTURE BRACING SHOWN IS CONCEPTUAL AND SCHEMATIC ONLY AND IS NOT INTENDED TO INDICATE A REQUIRED OR PREFERRED METHOD OF CONSTRUCTION. SUPERSTRUCTURE BRACING DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE APPROVED BY VAOT IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 105.03.
2. ALL COSTS FOR THE DESIGN, INSTALLATION, MAINTENANCE, AND REMOVAL OF THE SUPERSTRUCTURE BRACING SHALL BE INCLUDED IN ITEM 502.10, SHORING SUPERSTRUCTURE.
3. SUPERSTRUCTURE BRACING SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES. THE MINIMUM DESIGN LIVE LOAD SHALL BE AASHTO MS18. THE BRACING SHALL ALSO BE DESIGNED TO PROVIDE ADEQUATE SUPPORT FOR THE PORTABLE CONCRETE BARRIER WHEN THE BARRIER IS SUBJECTED TO THE AASHTO DESIGN RAIL LOAD IN ACCORDANCE WITH AASHTO SECTION 3.14.3.
4. ATTACHMENT OF THE SUPERSTRUCTURE BRACING TO THE EXISTING AND NEW SUPERSTRUCTURES SHALL BE APPROVED BY THE ENGINEER. WELDING TO THE EXISTING OR NEW STEEL WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE STRUCTURES ENGINEER.



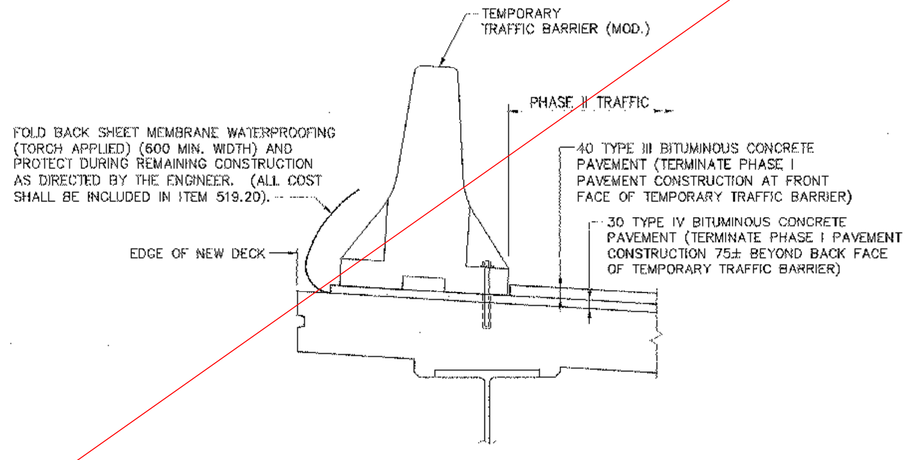
EXISTING DECK DETAIL



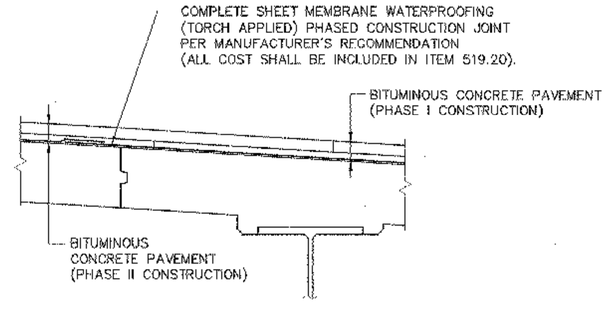
PROPOSED DECK DETAIL

TEMPORARY TRAFFIC BARRIER ANCHORAGE DETAILS

N.T.S.



PHASE I



PHASE II

PHASED CONSTRUCTION JOINT DETAILS

N.T.S.

BRIDGE CONSTRUCTION PHASING NOTES:

GENERAL

1. TRAFFIC WILL BE MAINTAINED DURING CONSTRUCTION UTILIZING A SINGLE TRAFFIC LANE WITH ALTERNATING EASTBOUND AND WESTBOUND TRAFFIC CONTROLLED BY A TEMPORARY TRAFFIC SIGNAL.
2. ALL CONSTRUCTION SHALL BE COMPLETED USING THE TRAFFIC CONTROL PLAN AND APPROVED TRAFFIC CONTROL PROCEDURES.
3. THE EXISTING AND NEW SUPERSTRUCTURE MAY REQUIRE BRACING.
4. TEMPORARY EXCAVATION SUPPORT MAY BE REQUIRED TO SUPPORT THE ROADWAY EMBANKMENTS AND MAINTAIN TRAFFIC DURING PHASED CONSTRUCTION. ALL COSTS SHALL BE PAID AS ITEM 505.36, TEMPORARY STEEL SHEET PILING. SEE STANDARD SPECIFICATIONS SECTION 505.03 FOR SUBMITTAL REQUIREMENTS.

PHASE I CONSTRUCTION

1. MAINTAIN ONE 3590 TRAVEL LANE FOR ALTERNATING EASTBOUND AND WESTBOUND TRAFFIC.
2. INSTALL TRAFFIC CONTROL FOR PHASE I CONSTRUCTION AND INSTALL TEMPORARY SUPERSTRUCTURE BRACING AND TEMPORARY EXCAVATION SUPPORT AS REQUIRED.
3. ROUTE TRAFFIC ONTO THE PHASE I DETOUR.
4. REMOVE PORTIONS OF THE EXISTING BRIDGE AS REQUIRED FOR PHASE I CONSTRUCTION OF THE NEW BRIDGE.
5. CONSTRUCT PHASE I PORTION OF THE NEW SUBSTRUCTURE, SUPERSTRUCTURE, AND APPROACH SLABS.
6. INSTALL TEMPORARY SUPERSTRUCTURE BRACING AND TEMPORARY EXCAVATION SUPPORT FOR PHASE II CONSTRUCTION.

PHASE II CONSTRUCTION

1. MAINTAIN ONE 3590 TRAVEL LANE FOR ALTERNATING EASTBOUND AND WESTBOUND TRAFFIC.
2. INSTALL TRAFFIC CONTROL FOR PHASE II CONSTRUCTION AND ROUTE TRAFFIC ONTO THE PHASE II DETOUR.
3. REMOVE PORTIONS OF THE EXISTING BRIDGE AS REQUIRED FOR PHASE II CONSTRUCTION.
4. CONSTRUCT PHASE II PORTION OF THE NEW SUBSTRUCTURE, SUPERSTRUCTURE, AND APPROACH SLABS.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of FAYSTON	Bridge No. 36
Highway No. VT 17	Log Sta. / Surv. Sta.
VT 17 OVER MILL BROOK	
CONSTRUCTION PHASING (2 OF 2) (N/A)	
Designed By S.M. SAREAULT	Drawn By B.J. MASSE
Checked By M.A. COLGAN Date 1/06	Bridge Design Supervisor M.A. COLGAN Date 1/06
PROJECT FAYSTON	PROJECT NO. BHF 0200(9)
I.G.C. Info.	
Bridge Sheet No. 50543CP2	Sheet 15 of 70

VHB Vanasse Hangen Brustlin, Inc.

/str5/93C065/zc065CP2

PLOTTED 1-13 2006