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GENERAL NOTES :

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990 AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1992, AND ITS LATEST REVISIONS.
2. DESIGN IS FOR HS-25-44 LOADING.
3. ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
4. ALL FIELD CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER TYPE 3 BOLTS MEETING ASTM DESIGNATION A-325. HOLES SHALL BE 15/16" DIAMETER. CONNECTIONS NOT DESIGNATED SHALL BE DETAILED BY THE FABRICATOR AND SUBMITTED TO THE STATE FOR APPROVAL.
5. AFTER SUPERSTRUCTURE STEEL HAS BEEN ERECTED, ELEVATIONS ALONG THE TOP OF BEAMS SHALL BE TAKEN AS DIRECTED BY THE ENGINEER FOR USE IN DETERMINING THE FINAL GRADE.
6. ANY HOLES IN FASCIA BEAMS OR FASCIA GIRDER WEBS NOT OTHERWISE FILLED SHALL BE FILLED WITH BUTTON HEAD OR HEX HEAD BOLTS.
7. ALL REINFORCING STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE "CONCRETE REINFORCING STEEL INSTITUTE".
8. MINIMUM COVER FOR REINFORCING STEEL IN SUBSTRUCTURE SHALL BE THREE (3) INCHES UNLESS OTHERWISE NOTED ON THE PLANS.
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 ABUTMENT FACE. THE ENTIRE BRIDGE SEAT SURFACE SHALL BE SMOOTH WITH EITHER A WOOD OR MAGNESIUM FLOAT FINISH.
13. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF DECK BETWEEN DRIP NOTCHES.
14. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 88 DEGREES F. (UNLESS NOTED OTHERWISE).
15. JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
16. THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.
17. THE EXISTING STRUCTURE SHALL BE REMOVED UNDER ITEM 529.15 "BR 80". THE EXISTING ABUTMENTS AND PIERS SHALL BE REMOVED DOWN TO 2' BELOW THE FINISHED GRADE.
18. REMOVAL SHALL BE DONE IN A SAFE, WORKMANLIKE MANNER. EXISTING STRUCTURAL STEEL STRINGERS, STEEL BEAM GUARD RAILS, SHEET PILING AND TRAFFIC CONTROL SIGNALS SHALL REMAIN PROPERTY OF THE STATE AND WILL BE TRANSPORTED BY STATE FORCES. TRAFFIC CONTROL SIGNALS WILL BE SALVAGED ONLY AFTER THE CONTRACTOR HAS HAD THE OPPORTUNITY TO USE THEM FOR TRAFFIC CONTROL. ALL OTHER MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
19. ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50W UNPAINTED, UNLESS OTHERWISE NOTED.
20. FOR LIST OF STANDARD SHEETS, SEE SHEET NO. 2 OF 113.
21. ALL STRUCTURAL STEEL WITHIN A DISTANCE OF 10' FROM THE ENDS OF THE GIRDERS AT THE EXPANSION JOINT END WILL BE COATED WITH A PROTECTIVE PAINT SYSTEM WITH THE FINAL COAT TO BE A DARK BROWN TO BLEND WITH THE AASHTO M270 GRADE 50W STEEL. THIS WORK WILL BE PAID FOR UNDER ITEM 513.25 "STRUCTURAL PAINTING, SHOP APPLIED" AND 513.40 "SURFACE PREPARATION", SEE SUPPLEMENTAL SPECIFICATION 513 FOR PAINTING OF STRUCTURAL STEEL.
22. THE CONTRACTOR SHALL EXERCISE CARE WHEN PLACING THE STONE FILL AGAINST THE REINFORCED EARTH WALL PANELS.
23. NOTES ON BOLTED CONNECTIONS:
  - A. MECHANICALLY GALVANIZED AND PAINTED TYPE I BOLTS ARE TO BE USED FOR PAINTED M270 GRADE 50 AND PAINTED M270 GRADE 50 STRUCTURAL STEEL CONNECTIONS. FIELD PAINTING OF BOLTS TO INCLUDE INTERMEDIATE AND FINAL COATING SYSTEMS AFTER CONNECTION APPROVAL.
  - B. TYPE III BOLTS ARE TO BE USED FOR UNPAINTED M270 GRADE 50W STRUCTURAL STEEL CONNECTORS.

REFERENCE SHEETS:

FOR PLAN AND PROFILE, SEE SHEET 16 OF 113.  
FOR CROSS SECTIONS, SEE SHEETS 104 THROUGH 107 OF 113.

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

Town Of	WALLINGFORD	Bridge No.	80
Highway No.	U.S. ROUTE 7	Log Sta.	
		Surv. Sta.	
U.S. ROUTE 7 OVER RAILROAD			
GENERAL NOTES			
Designed By	GRI	Drawn By	JNC
Checked By	Date	Bridge Design	EMM
	4/95	Supervisor	Date 4/95
PROJECT	WALLINGFORD	PROJECT NO.	BRS 0137 (13)
I.G.C. Info.			
Bridge Sheet No.	BR201	Sheet	81 of 113



BARNES AND JARNIS, INC.  
CONSULTING ENGINEERS  
25 STUART STREET, 6TH FL.  
BOSTON, MASSACHUSETTS