

GENERAL NOTES

- 1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2006, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SEVENTEENTH EDITION WITH 2002 INTERIMS.
- 2. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 20°C, UNLESS OTHERWISE NOTED.
- 3. THE EXISTING SIGNS THAT ARE REMOVED SHALL REMAIN THE PROPERTY OF THE TOWN OF CHITTENDEN. THE SIGNS AND POSTS SHALL BE STOCKPILED FOR THE TOWN TO PICK UP. CONTACT THE CHITTENDEN ROAD COMMISSIONER AT (802) 483-6647 TO ARRANGE FOR THEIR REMOVAL.
- 4. THE BRIDGE PLAQUES FOR EACH BRIDGE SHALL BE FURNISHED BY THE AGENCY OF TRANSPORTATION AND INSTALLED BY THE CONTRACTOR AS SHOWN ON SHEETS 38 AND 69.
- 5. FULL ACCESS TO ALL DRIVES AND SIDE ROADS WITHIN PROJECT LIMITS SHALL BE MAINTAINED AT ALL TIMES. WHEN THE CONTRACTOR MUST TEMPORARILY RESTRICT ACCESS TO THE DRIVES, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNERS IN ADVANCE.
- 6. THE CONTRACTOR MAY SUBSTITUTE SUBBASE MATERIAL FOR THE SAND BORROW SHOWN ON THE PLANS. THE SUBBASE MATERIAL SHALL BE THE TYPE SPECIFIED IN THE CONTRACT AND SHALL BE PLACED TO MEET THE SUBBASE SPECIFICATIONS. IF SUBBASE IS PLACED IN LIEU OF SAND BORROW, A GEOTEXTILE MEETING THE REQUIREMENTS OF ITEM 649.11 "GEOTEXTILE FOR ROAD BED SEPARATOR" SHALL BE PLACED BETWEEN THE SUBGRADE AND THE SUBBASE MATERIAL. ALL COSTS ASSOCIATED WITH THE SUBSTITUTION INCLUDING THE GEOTEXTILE SHALL BE INCIDENTAL TO THE ITEM 203.31 "SAND BORROW".

- 10. THE MINIMUM COVER FOR REINFORCING STEEL IN THE SUBSTRUCTURES SHALL BE 50mm ALONG WALL FACES AGAINST EARTH, AND 80mm ELSEWHERE UNLESS DETAILED OTHERWISE.
- 11. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 25mm X 25mm.
- 12. JOINTS AND SCORE MARKS IN THE CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 13. CONCRETE PORTIONS OF THE ABUTMENT AND WINGWALL ABOVE THE ADJACENT BRIDGE SEAT ELEVATIONS SHALL NOT BE PLACED UNTIL THE FINISH GRADE HAS BEEN DETERMINED BY THE RESIDENT ENGINEER.
- 14. ITEM 514.10 "WATER REPELLENT, SILANE" SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF THE SLAB BETWEEN DRIP NOTCHES. SEE SUPPLEMENTAL SPECIFICATION SECTION 514.
- 15. THE STONE FILL, TYPE IV SHALL BE PLACED IN FRONT OF THE ABUTMENTS BEFORE THE CONCRETE SLAB IS POURED AT EACH BRIDGE.
- 16. THE HEIGHT OF FILL BEHIND ABUTMENTS WILL BE LIMITED TO THE BRIDGE SEAT ELEVATION UNTIL THE CONCRETE SLAB HAS BEEN POURED AND THE CURING PERIOD IS UP.

BRIDGE 19 NOTES

- 17. ITEM 529.20 "PARTIAL REMOVAL OF STRUCTURE" SHALL INCLUDE THE REMOVAL OF THE EXISTING SUPERSTRUCTURE DOWN TO THE EXISTING BRIDGE SEAT ELEVATION. THE EXISTING ABUTMENTS SHALL BE REMOVED TO STREAM BED ELEVATION UNDER ITEM 203.27, "UNCLASSIFIED CHANNEL EXCAVATION".
- 18. TRAFFIC FOR BRIDGE 19 SHALL BE MAINTAINED USING THE EXISTING STRUCTURE. THE CONTRACTOR SHALL INSTALL TEMPORARY BRIDGE RAIL AND APPROACH RAILING AS SHOWN ON SHEET 31. TEMPORARY BRIDGE RAILING AND APPROACH RAILING SHALL CONFORM TO SUBSECTION 528.03(c) **RAILING**. THE COST OF THIS WORK SHALL BE PAID FOR UNDER ITEM 527.10, "MAINTENANCE OF STRUCTURES AND APPROACHES."
- 19. ALL ON AND OFF PROJECT SIGNS AND BARRICADES AS SHOWN ON THE TRAFFIC CONTROL SHEET SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER ITEM 641.10 "TRAFFIC CONTROL".

BRIDGE 20 NOTES

- 20. ITEM 529.20 "PARTIAL REMOVAL OF STRUCTURE" SHALL INCLUDE THE REMOVAL OF THE EXISTING SUPERSTRUCTURE DOWN TO THE EXISTING BRIDGE SEAT ELEVATIONS. THE EXISTING ABUTMENTS SHALL BE REMOVED UNDER ITEMS 208.35, "COFFERDAM EXCAVATION, ROCK", AND THE PORTION OF THE ABUTMENTS/WINGWALLS THAT FALL OUTSIDE THE COFFERDAM LIMITS SHALL BE REMOVED UNDER ITEM 203.27, "UNCLASSIFIED CHANNEL EXCAVATION".
- 21. TRAFFIC FOR BRIDGE 20 SHALL BE MAINTAINED ON A ONE-WAY TEMPORARY BRIDGE. THIS WORK WILL BE PAID FOR UNDER ITEM 528.10, "ONE-WAY TEMPORARY BRIDGE".
- 22. ALL ON AND OFF PROJECT SIGNS AND BARRICADES AS SHOWN ON THE TRAFFIC CONTROL SHEET SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER ITEM 641.10 "TRAFFIC CONTROL".



CONCRETE NOTES

- 7. ALL CONCRETE SHALL BE ITEM 501.34 "CONCRETE, HIGH PERFORMANCE CLASS B".
- 8. REINFORCING STEEL PLACEMENT TOLERANCE SHALL BE AS FOLLOWS:

SPACING	+/-	25mm
CLEARANCE	+/-	6mm
- 9. ALL REINFORCING STEEL IN THE CONCRETE BRIDGE DECK SLABS SHALL BE EPOXY COATED AND PAID FOR UNDER ITEM 507.17. WHEN EPOXY COATED REINFORCING STEEL IS CUT THE UNCOATED ENDS SHALL BE REPAIRED WITH MATERIAL AND PROCEDURES APPROVED BY THE COATING MANUFACTURER. FLAME CUTTING OF EPOXY COATED REINFORCING STEEL WILL NOT BE PERMITTED.

GENERAL NOTES

PROJECT NAME:	CHITTENDEN
PROJECT NUMBER:	STP 1443(45) AND STP 1443(46)
FILE NAME:	96j236\str\sj236gen.dgn
PROJECT LEADER:	C. CARLSON
DESIGNED BY:	C. CARLSON
PLOT DATE:	25-AUG-2009
DRAWN BY:	D. PETERSON
CHECKED BY:	C. CARLSON
SHEET	3 OF 81