

PROJECT NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND ITS LATEST REVISIONS, AND THE CONTRACT SPECIAL PROVISIONS.
- ALL WORK AND ANY ASSOCIATED ACTIVITY ON THIS PROJECT SHALL BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY LIMITS. THE RIGHT-OF-WAY FOR ALL HIGHWAYS OTHER THAN I-89 SHALL BE ASSUMED TO BE A MINIMUM OF 3 RODS UNLESS SHOWN OTHERWISE ON REFERENCE PLANS.
- VTRANS WILL REVIEW CONSTRUCTION STAGING AREAS FOR ADEQUACY AND EXISTING CONDITIONS. THESE STAGING AREAS SHALL BE RESTORED TO ORIGINAL CONDITION. EROSION CONTROL MEASURES SHALL BE INCORPORATED FOR ALL DISTURBED AREAS AND PAID FOR UNDER ITEMS 649.51 AND 653.20.
- ALL COSTS ASSOCIATED WITH EXTENDING OR FILLING THE DRAIN TUBES SHALL BE INCIDENTAL TO ITEM 900.645, SPECIAL PROVISION (QC/QA CLEAN AND PAINT EXISTING STEEL STRUCTURES, BARE STEEL).
- THE LENGTHS OF BEAMS OR GIRDERS TO BE GREASE COATED (AT THE ENDS) SHALL BE EQUAL TO THE END DEPTH OF THE MEMBER INCLUDING ALL EXPOSED SURFACE AREAS OF MEMBER AND ATTACHMENTS, SUCH AS CROSS MEMBERS, WITHIN THIS DISTANCE.
- STAGING AND CONTAINMENT STRUCTURES SHALL NOT BE ANCHORED INTO PIERS. ANCHORING INTO THE ABUTMENTS IS ALLOWED AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL PROVIDE A DETAILED PLAN FOR CLEANING AND PAINTING BEARING DEVICES IF ANCHOR CABLES ARE PLACED AROUND BEARING PLATES. PAYMENT WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM 900.645 SPECIAL PROVISION (CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES.)
- UTILITIES THAT ARE PRESENT ON THE STRUCTURES SHALL NOT BE BLASTED OR PAINTED. THESE UTILITIES MUST BE PROTECTED.
- CONTRACTOR SHALL VERIFY, THROUGH LOAD CALCULATIONS, THE CAPACITY OF THE EXISTING BRIDGE IF THE VACUUM RECYCLER UNIT TRUCK IS PLACED ON THE BRIDGE.
- THE CONTRACTOR SHALL NOT IMPEDE THE TOWN CONTROLLED PORTION OF THE RIGHT OF WAY WITH EQUIPMENT OR ANY STAGING MATERIALS FOR STRUCTURES CARRYING TOWN HIGHWAYS OVER THE INTERSTATE.
- WORK OUTSIDE THE SEASONAL LIMITATIONS WILL NOT BE ALLOWED UNLESS BY SPECIAL PERMISSION GRANTED BY THE PROJECT MANAGER. WORK OUTSIDE THE SEASONAL LIMITATION WILL ONLY BE ALLOWED FOR A SHORT PERIOD OF TIME IF GIVEN, TO FINALIZE TOUCHUPS OR OTHER REPAIRS. NO LONG TERM OUT OF SEASON WORK WILL BE ALLOWED OR CONSIDERED.

TRAFFIC CONTROL:

- THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC TRAFFIC CONTROL PLANS DEPICTING EACH PHASE OF THE PLANNED WORK FOR ANY WORK ON I-89 AND OTHER ROADWAYS. THE DESIGN SHALL ENSURE STATE-REGULATED WIDE LOADS CAN BE ACCOMMODATED DURING THE LANE CLOSURES. PLANS SHALL BE SUBMITTED IN ACCORDANCE WITH SECTION 641 AND SUBSECTION 105.03 AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN AN APPROPRIATE DISCIPLINE IN THE STATE OF VERMONT.
- THE CONTRACTOR SHALL OBTAIN THE MOST CURRENT TRAFFIC VOLUMES FOR I-89 AND CROSS ROADS FOR USE IN THE SPECIFIC TRAFFIC CONTROL PLANS.

| TOWN | I-89 BRIDGE No | I-89 2011 AADT | | CROSSROAD | CROSSROAD 2011 AADT SUM OF BOTH DIRECTIONS |
|------------|-------------------|----------------|------------|---------------------|--|
| | | NORTHBOUND | SOUTHBOUND | | |
| RICHMOND | 52S | N/A | 6500 | STAGE ROAD | 400 |
| MILTON | 80 | 9900 | 9900 | W. MILTON ROAD | 1800 |
| MILTON | 82 | 9900 | 9900 | LAKE ROAD | 1400 |
| GEORGIA | 84N&84S | 9900 | 9900 | BALLARD ROAD | NOT AVAILABLE |
| GEORGIA | 85 | 9400 | 11300 | US 7 | 7400 |
| ST. ALBANS | 89 | 6000 | 6000 | VT 36 | 3500 |
| ST. ALBANS | 90 | 6000 | 6000 | VT 104 | 4800 |
| ST. ALBANS | 91 | 6000 | 6000 | VT 105 | 3600 |
| HIGHGATE | 99 | 1600 | 1600 | CARTER HILL ROAD | 680 |
| HIGHGATE | 101 | 1600 | 1600 | US 7 | 540 |

- THE TRAFFIC CONTROL PLANS SHALL SHOW ALL RAMPS AND I-89 ACCELERATION LANES AND DECELERATION LANES.
- UNIFORMED TRAFFIC OFFICERS ARE REQUIRED FOR THE TRAFFIC CONTROL ON I-89.
- THE TRAFFIC CONTROL DEVICES SHOWN ON THESE PLANS ARE FOR ILLUSTRATIVE PURPOSES AND DO NOT RELIEVE THE CONTRACTOR FROM ADHERING TO ALL VTRANS TRAFFIC CONTROL STANDARDS, REQUIREMENTS AND SPECIFICATIONS. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE 2009 MUTCD AND ITS LATEST REVISIONS. WHERE CONFLICTS EXIST BETWEEN AOT STANDARDS AND MUTCD, THE MUTCD SHALL GOVERN.

BRIDGE NOTES:

RICHMOND, BRIDGE 52S - I-89 OVER STAGE ROAD

- REMOVE GREASE COATING ON ALL STEEL BEAMS, CROSS MEMBERS AND BEARINGS ARE COVERED IN GREASE
- REPAIR AND CLEAN BRIDGE DRAINS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS
- REMOVE AND DISPOSE OF BRUSH, INCIDENTAL TO ITEM 900.645, SPECIAL PROVISION (QC/QA CLEAN AND PAINT EXISTING STEEL STRUCTURES, BARE STEEL)
- ALL WORK SHALL BE PERFORMED FROM LOCAL ROAD

MILTON, BRIDGE 80 - W. MILTON ROAD OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS
- UTILITY LOCATED BETWEEN GIRDER LINES 1 & 2 (REFER TO PROJECT NOTE 7 ON THIS SHEET)

MILTON, BRIDGE 82 - LAKE ROAD OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- REPAIR AND CLEAN BRIDGE DRAINS
- EXTEND BRIDGE DRAIN WEEPERS
- UTILITY LOCATED BETWEEN GIRDER LINES 1 & 2 (REFER TO PROJECT NOTE 7 ON THIS SHEET)

GEORGIA, BRIDGE 84N&S - I-89 OVER BALLARD ROAD

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS
- UTILITIES LOCATED ON SOUTH SIDE OF BRIDGE (REFER TO PROJECT NOTE 7 ON THIS SHEET)

GEORGIA, BRIDGE 85 - US ROUTE 7 OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS

ST. ALBANS, BRIDGE 89 - VT ROUTE 36 OVER I-89

- REMOVE GREASE COATING ON ALL STEEL BEAMS, CROSS MEMBERS, AND BEARINGS.
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS
- REPAIR OR REPLACE DRAIN AT EXPANSION END
- UTILITIES LOCATED BETWEEN GIRDERS 1 & 2 (REFER TO PROJECT NOTE 7 ON THIS SHEET)

ST. ALBANS, BRIDGE 90 - VT ROUTE 104 OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS
- REPAIR BRIDGE DRAINS

ST. ALBANS, BRIDGE 91 - VT ROUTE 105 OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS

HIGHGATE, BRIDGE 99 - CARTER HILL ROAD OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS
- REPAIR BRIDGE DRAINS
- REMOVE LOOSE PAINT FROM UTILITY BETWEEN GIRDER LINES 4 AND 5, DO NOT RECOAT (REFER TO PROJECT NOTE 7 ON THIS SHEET)

HIGHGATE, BRIDGE 101 - US ROUTE 7 OVER I-89

- REMOVE GREASE COATING ON ENDS OF STEEL BEAMS, END CROSS MEMBERS AND BEARINGS
- CLEAN AND PAINT EXISTING STEEL
- EXTEND BRIDGE DRAIN WEEPERS

TRAFFIC CONTROL (CONTINUED):

- UNLESS COVERED UNDER INDIVIDUAL PAY ITEMS, ALL COSTS FOR TEMPORARY TRAFFIC CONTROL DEVICES WILL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL, ITEM 641.10.
- THE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AND PRINT MEDIA SHALL BE IMPLEMENTED 2 WEEKS IN ADVANCE OF LANE CLOSURES AS DIRECTED BY THE ENGINEER.
- RIGHT-OF-WAY FENCE MAY HAVE TO BE REMOVED AND RESET IN ACCORDANCE WITH SECTION 620 FOR EGRESS AND INGRESS. THIS WORK SHALL BE PAID UNDER ITEM 620.50.

PROJECT NOTES

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| PROJECT NAME: RICHMOND - HIGHGATE | |
| PROJECT NUMBER: IM BPNT (9) | |
| FILE NAME: I0a180/str/z10a180det.dgn | PLOT DATE: 24-JAN-2012 |
| PROJECT LEADER: G.K.DONINGTON | DRAWN BY: W.GERHOLD |
| DESIGNED BY: A.STOCKIN | CHECKED BY: D.SARGENT |
| det.dgn | SHEET 2 OF 30 |

