

PROJECT NOTES:

1. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POTHOLE REPAIR, AND CRACK SEALING SHALL BE PERFORMED PRIOR TO APPLICATION OF ANY SPOT LEVELING OR PLACEMENT OF THE WEARING COURSE. ALL CRACKS GREATER THAN 0.10 INCH AND UP TO 1.0 INCH IN WIDTH SHALL BE SEALED USING THE "BLOW AND GO" FLUSH FILL METHOD. ALL COSTS ASSOCIATED WITH THIS WORK WILL BE PAID FOR UNDER ITEM 417.20, BITUMINOUS CRACK SEALING, "BLOW AND GO" METHOD. THE PATCHING OF ALL CRACKS GREATER THAN 1.0 INCH AND ALL OTHER PATCHING AND POTHOLE REPAIR SHALL BE COMPLETED USING BITUMINOUS CONCRETE PAVEMENT ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE 1). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED TO COVER ALL COSTS ASSOCIATED WITH THIS WORK. ANY MODIFICATIONS TO PRODUCE THE PG 70-28 ASPHALT BINDER ARE RESTRICTED TO SBS POLYMERS.
2. A 25' MICRO-MILL TRANSITION SHALL BE CONSTRUCTED AT THE PROJECT BEGIN AND PROJECT END, AS DIRECTED BY THE ENGINEER. ANY SAWCUTTING AT BUTT JOINTS SHALL BE PAID INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (MICRO-MILLING BITUMINOUS CONCRETE PAVEMENT). THE CONTRACTOR SHALL USE CAUTION WHEN MICRO-MILLING AND PAVING OPERATIONS OCCUR ADJACENT TO EXISTING DROP INLETS OR CATCH BASINS. ANY DAMAGE WHICH OCCURS TO THESE DRAINAGE STRUCTURES AS A RESULT OF THESE OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.
3. BRIDGES WITHIN THIS PROJECT ARE LISTED ON THE BRIDGE JOINT DETAIL SHEET. FOLLOWING COMPLETION OF MICRO-MILLING, THE MILLED SURFACE FOR ALL BRIDGES SHALL RECEIVE CRACK SEALING AND RELATED PATCHING AND POTHOLE REPAIR TREATMENTS, AS DIRECTED BY THE ENGINEER.
4. ITEM 604.40 CHANGING ELEVATIONS OF DROP INLETS, CATCH BASINS, OR MANHOLES IS AN ESTIMATED ITEM AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE PLAN SHEETS OR AS DIRECTED BY THE ENGINEER. ALL DI'S SHALL BE RAISED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
5. PRIOR TO THE PLACEMENT OF THE POLYMER MODIFIED BITUMINOUS CONCRETE PAVEMENT, EMULSIFIED ASPHALT SHALL BE APPLIED TO ALL EXISTING PAVEMENT SURFACES AND ON ALL MICRO-MILLED SURFACES AT A RATE OF 0.080 GAL/SY (+/- 0.01 GAL/SY) OR AS DIRECTED BY THE ENGINEER. EMULSIFIED ASPHALT SHALL BE RS-1H OR CRS-1H PER THE MANUFACTURER'S RECOMMENDATION AND PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H) OR ITEM 404.65 EMULSIFIED ASPHALT. TACK COAT APPLICATION RATE ON ALL OTHER PAVED SURFACES SHALL BE 0.025 TO 0.040 GAL/SY OF RS-1H OR CRS-1H.
6. PRIOR TO THE PLACEMENT OF SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) TO BE USED AT RAIL CROSSING AARDOT 851-375L IN FERRISBURGH AT MM 0.81, EMULSIFIED ASPHALT SHALL BE APPLIED TO EACH LIFT OF PAVEMENT. PAYMENT FOR THE EMULSIFIED ASPHALT AT THIS LOCATION WILL BE CONSIDERED INCIDENTAL TO SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY). EMULSIFIED ASPHALT SHALL BE APPLIED AT A RATE OF 0.025 TO 0.040 GAL/SY.
7. ALL RESIDENTIAL AND COMMERCIAL DRIVES AND GRAVEL PULLOUTS SHALL RECEIVE A FOUR FOOT PAVED APRON, AND ALL FIELD DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON BITUMINOUS CONCRETE PAVEMENT AT PUBLIC AND/OR PERMITTED DRIVES WHICH IS INSTALLED BY HAND SHALL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, SHALL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR BITUMINOUS CONCRETE PAVEMENT.
8. THERE ARE WEIGH-IN-MOTION SENSORS IN THE PAVEMENT AT MM 5.100 NORTHBOUND AND SOUTHBOUND IN NEW HAVEN THAT MAY BE IMPACTED BY CONSTRUCTION ACTIVITIES. INSTALLATION OF NEW SENSORS WILL BE PERFORMED BY OTHERS FOLLOWING COMPLETION OF THE PROJECT. CONTACT CARL PARTON IN THE TRAFFIC RESEARCH DIVISION AT 802-828-2694 WITH ANY QUESTIONS. THERE IS ALSO AN SHRP SITE AND RWIS SENSOR AT MM 5.250 NORTHBOUND IN NEW HAVEN THAT HAVE BOTH BEEN DECOMMISSIONED.
9. ALL TOWN HIGHWAY APPROACHES AND PULLOUTS MAY BE PAVED WITH ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT, TYPE IV, 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT, TYPE IV, OR 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IVS AT THE DISCRETION OF THE ENGINEER. THIS MATERIAL SHALL BE FROM AN APPROVED SOURCE WITH EITHER A PREVIOUSLY APPROVED MIX DESIGN OR A MIX DESIGN APPROVAL OBTAINED FOR THE INTENDED PRODUCT. THE SUBSTITUTION OF ITEM 406.25, 406.27, OR 490.30 WILL BE PAID AT THE CONTRACT UNIT PRICE OF THE LOW BID PAVEMENT ALTERNATE.
10. ALL LANE DELINEATION SHALL BE MAINTAINED DURING CONSTRUCTION BY THE USE OF LINE STRIPING TARGETS OR TEMPORARY PAINT AND WILL BE PAID FOR UNDER ITEM 646.602, 646.612, 646.642, 646.652, AND 646.76. REMOVAL OF EXISTING PAVEMENT MARKINGS IN AREAS OF MICRO-MILLING WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 SPECIAL PROVISION (MICRO-MILLING BITUMINOUS CONCRETE PAVEMENT).
11. ALL RUMBLE STRIPS SHALL RECEIVE TWO APPLICATIONS OF ITEM 900.683 SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT) AT A RATE OF 0.15 GAL/SY WITH A TOLERANCE OF +/- 0.05 OR AS DIRECTED BY THE ENGINEER.
12. ITEM 646.76 LINE STRIPING TARGETS SHALL BE PLACED AS OUTLINED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OR AS INDICATED ON THE PLAN SHEETS.
13. IF IT IS DETERMINED BY THE ENGINEER IN AREAS ALONG THE BASE OF THE GUARDRAIL THAT WINTER SAND AND OTHER DEBRIS HAS ACCUMULATED SUFFICIENTLY TO AFFECT PROPER CRACK SEALING AND RELATED PATCHING AND POTHOLE REPAIR TREATMENTS, THIS MATERIAL SHALL BE REMOVED PRIOR TO CRACK SEALING, PATCHING, AND POTHOLE REPAIR AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY FOR ITEM 203.40 SHOULDER BERM REMOVAL HAS BEEN INCLUDED TO COVER THE COSTS ASSOCIATED WITH THIS WORK.
14. COORDINATION WILL BE REQUIRED WITH THE PRIME CONTRACTOR FOR THE FERRISBURGH NHG SGNL (42) PROJECT TO ENSURE CURBING WORK IS COMPLETED WITHIN THAT PROJECT BEFORE MIDDLEBURY-FERRISBURGH NH SURF (55) FINAL ALTERNATE SURFACE TREATMENT IS APPLIED.

PROJECT NAME:	MIDDLEBURY-FERRISBURGH
PROJECT NUMBER:	NH SURF(55)
FILE NAME:	pl5v015.dgn
PROJECT LEADER:	HARRINGTON
DESIGNED BY:	BULLOCK
PROJECT NOTES	
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DRAWN BY:	BULLOCK
CHECKED BY:	HARRINGTON
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