

NOTES:

1. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POTHOLE REPAIR, AND CRACK-SEALING SHALL BE PERFORMED PRIOR TO APPLICATION OF THE FOG SEAL TREATMENT. ALL CRACKS GREATER THAN 0.10 INCH AND UP TO 1.0 INCH IN WIDTH SHALL BE FILLED USING THE "BLOW AND GO FILL METHOD". ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE PAID FOR UNDER ITEM 417.20, BITUMINOUS CRACK SEALING, BLOW AND GO METHOD(AASHTO M 324(ASTM D660)TYPE II). THE PATCHING OF ALL CRACKS GREATER THAN 1.0 INCH AND ALL OTHER PATCHING AND POT-HOLE REPAIR SHALL BE COMPLETED USING BITUMINOUS CONCRETE PAVEMENT IN ACCORDANCE WITH ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED TO COVER ALL COSTS ASSOCIATED WITH THIS WORK. ALL BRIDGE DECKS WITHIN THE PROJECT LIMITS SHALL ALSO RECEIVE CRACK-SEALING AND RELATED SURFACE PREPARATION PRIOR TO APPLYING THE FOG SEAL TREATMENT.
2. EXISTING SHOULDER PAVEMENT SURFACES BEYOND THE LIMITS OF THE MICROSURFACE TREATMENT SHALL ALSO RECEIVE CRACK-SEALING AND RELATED PATCHING AND POTHOLE REPAIR TREATMENTS.
3. ALL EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO APPLYING THE FOG SEAL TREATMENT. PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO ANY CRACK SEALING BEING PERFORMED. ALL LANE DELINEATION IS TO BE MAINTAINED DURING CONSTRUCTION BY THE USE OF LINE STRIPING TARGETS OR TEMPORARY PAINT.
4. FOG SEAL SHALL BE APPLIED AT THE RATE OF 0.15 GAL./S.Y. (+/- 0.05 GAL./S.Y.).
5. FOG SEAL SHALL BE APPLIED PRIOR TO MICROSURFACING APPLICATION WITH THE EXPECTATION THAT THE FIRST MICROSURFACE COURSE WILL BE APPLIED WITHIN 24 TO 48 HOURS OF FOG SEAL APPLICATION OR AS DIRECTED BY THE ENGINEER.
6. FOG SEAL MUST BE ALLOWED TO CURE COMPLETELY BEFORE APPLICATION OF MICROSURFACING TREATMENT, OR AS DIRECTED BY THE ENGINEER.
7. MAINLINE MICROSURFACING TREATMENT SHALL BE APPLIED IN TWO APPLICATIONS FROM RUMBLE STRIP TO RUMBLE STRIP AS SHOWN ON THE PROJECT TYPICAL SECTION. AN OVERALL APPLICATION RATE OF 36 LB./SY (19.5 KG/SM) FOR THIS AREA HAS BEEN USED FOR THE PURPOSES OF QUANTITY CALCULATION. THE AREA ON THE 10' SHOULDER FROM THE EDGE OF PAVEMENT TO THE EDGE OF RUMBLE STRIP SHALL RECEIVE ONE APPLICATION OF MICROSURFACE TREATMENT AS SHOWN ON THE PROJECT TYPICAL SECTION. AN APPLICATION RATE OF 18 LB./SY(9.8 KG/SM) FOR THIS AREA HAS BEEN USED FOR THE PURPOSES OF QUANTITY CALCULATION.
8. PRIOR TO THE APPLICATION OF FOG SEAL AND MICROSURFACE TREATMENT AND AFTER INITIAL SURFACE PREPARATION AS DESCRIBED IN NOTE 1 ABOVE, THE RESIDENT ENGINEER AND THE CONTRACTOR ARE TO INSPECT THE ROADWAY SURFACE FOR THE PRESENCE OF ROAD KILLED ANIMAL CARCASSES, AND OTHER DELETERIOUS MATERIALS. ANY IDENTIFIED AREAS ARE TO BE REMOVED AND CLEANED WITH A MIXTURE OF WATER AND BLEACH IN A 10% SOLUTION ALONG WITH LIQUID DETERGENT. PAYMENT IS INCIDENTAL TO ITEMS 900.680 SPECIAL PROVISION (MICROSURFACE TREATMENT, TYPE II) AND 900.683 SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT).
9. IF IT IS DETERMINED IN AREAS ALONG THE BASE OF THE GUARDRAIL WHERE 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 RESIDENT ENGINEER. AN ESTIMATED QUANTITY FOR ITEM 203.40 SHOULDER BERM REMOVAL HAS BEEN INCLUDED TO COVER THE COSTS ASSOCIATED WITH THIS WORK.
10. NO COLD PLANING IS NEEDED. ALL MICROSURFACING SHALL BE FEATHERED AS DIRECTED BY THE RESIDENT ENGINEER AT THE BEGINNING/END OF PROJECT LIMITS, EDGE OF TREATMENT AT RUMBLE STRIPS, THE END OF INTERCHANGE RAMP AND AT ALL U-TURNS.

MicroSurface Treatment applied as part of the original contract did not perform as intended resulting in need for corrective action.

Corrective action shall include the following:

1. Micro-milling the travel lane for the entire length of the project at ten feet wide which shall include sweeping, removal and disposal of the sweepings.
2. Application of new MicroSurface Treatment, Type II having 4% minimum polymer applied at a rate of approximately 25 lb/sy.
3. Other items necessary as part of this work that will be paid under the current contract include Item 630.10 Uniformed Traffic Officers, 630.15 Flaggers, Item 900.683 Special Provision (Fog Seal Surface Treatment), and Item 406.50 Price Adjustment, Asphalt Cement (N.A.B.I.). Mobilization/Demobilization for the above work will not be paid by the State of Vermont. Prior to any work being performed, a meeting shall be held between the State and the Contractor to go over specific details. Prior to placement of the microsurface, QC data of aggregate production shall be made available to the Resident Engineer and the State shall have given approval of the mix design and project aggregate stockpile(s).

MICROSURFACE TREATMENT, TYPE II NOTES	PROJECT NAME: NORWICH - FAIRLEE	
	PROJECT NUMBER: IM SURF (19)	
	FILE NAME: 09a380\p09a380.dgn	PLOT DATE: 23-APR-2010
	PROJECT LEADER: M. FOWLER	DRAWN BY: WILDER
	DESIGNED BY: WILDER	CHECKED BY: PVMT MGMT
	IPARM FILE NAME: p09a380*2.1	SHEET 2 OF 11