

## PROJECT NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. ALL PROPOSED WORK TO BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY.
3. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED TO A DEPTH OF THREE INCHES OR AS DIRECTED BY THE ENGINEER. EXCAVATION SHALL BE PAID UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I AND ITEM 608.37 TRUCK RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL FINE GRADED AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES, OR REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER.
4. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POT HOLE REPAIR AND RAVELING REPAIRS SHALL BE PERFORMED FOLLOWING COLD PLANING AND PRIOR TO PAVING. THE PATCHING OF ALL CRACKS GREATER THAN ONE INCH AND POT HOLE REPAIR SHALL BE COMPLETED WITH ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED.
5. THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ON BRIDGE DECKS. SHOULD ANY DAMAGE OCCUR TO THE DECK OR MEMBRANE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, THE ENGINEER SHALL CONTACT THE VAOT CONSTRUCTION STRUCTURES ENGINEER TO PROVIDE AN ASSESSMENT OF THE DAMAGE AND RECOMMEND ANY NECESSARY REPAIRS. THE CONSTRUCTION STRUCTURES ENGINEER WILL ALSO DETERMINE IF THE DAMAGE WAS AVOIDABLE. IF THE CONTRACTOR IS DETERMINED BY THE ENGINEER TO BE AT FAULT FOR THE DAMAGE, THE RECOMMENDED REPAIRS SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE STATE.
6. PAVEMENT WILL BE AN ALTERNATE AND PAID UNDER ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) OR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER).
7. ALL BITUMINOUS CONCRETE PAVEMENT TOLERANCE =  $\frac{1}{4}$ " +/- (TOTAL THICKNESS EXCLUDING LEVELING COURSE).
8. EMULSIFIED ASPHALT SHALL BE APPLIED AS A TACK COAT ON ALL EXISTING OR COLD PLANED PAVEMENT SURFACES AT THE RATE OF 0.080 GAL/SY AND BETWEEN ALL COURSES OF BITUMINOUS CONCRETE AT THE RATE OF 0.025 TO 0.040 GAL/SY. EMULSIFIED ASPHALT WILL BE PAID UNDER ITEM 404.65 EMULSIFIED ASPHALT OR ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)
9. IF ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) ALTERNATE IS SELECTED, THE WEARING COURSE AND LEVELING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER). ALL PG GRADED ASPHALT CEMENT USED IN THE MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN THE PLANS AND IN SUBSECTION 406.03 (b). IF ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) IS SELECTED, THE WEARING COURSE AND LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER). ALL PG GRADED ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SUBSECTION 490.03 (b) OR NOTED IN THE PLANS.
10. ITEM 406.28 AIR VOIDS PAY ADJUSTMENT (N.A.B.I.) PAY ITEM WILL BE REQUIRED FOR ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) OR ITEM 490.31 AIR VOIDS PAY ADJUSTMENT (N.A.B.I.) WILL BE REQUIRED FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER).
11. EDGES OF PAVEMENT SHALL INCLUDE A SAFETY EDGE. SEE SAFETY EDGE DETAILS (HIGHWAY SAFETY & DESIGN DETAIL HSD-400.01).
12. ALL SIDE ROADS ARE TO BE PAVED FOUR FEET FROM THE EDGE OF MAINLINE SHOULDER UNLESS OTHERWISE SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
13. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIALS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID UNDER ITEM 900.680 SPECIAL PROVISION (AGGREGATE SHOULDERS, RAP WITH RAS).
14. ALL PAVED AND GRAVEL RESIDENTIAL, COMMERCIAL, FIELD AND WOOD DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL REQUIRED EXCAVATION AND ASSOCIATED DRIVE GRADING IN DRIVE AREAS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER AND WILL 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, WILL BE PAID UNDER ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) OR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) AS APPLICABLE.
15. ESTIMATED QUANTITIES OF ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL HAVE BEEN INCLUDED FOR REMOVING BUILT UP SAND, SOD, ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER AS DIRECTED BY THE ENGINEER.
16. AN ESTIMATED QUANTITY OF ITEM 203.40 SHOULDER BERM REMOVAL HAS BEEN INCLUDED FOR THE REMOVAL OF BUILT UP SAND, SOD, ETC. ADJACENT TO THE SHOULDER, IN RETAINED GUARDRAIL AREAS TO ALLOW FREE DRAINAGE OFF THE SHOULDERS.
17. 3'-7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FOOT POSTS. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED.
18. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED FOR USE WITH THE GUARDRAIL END TERMINAL AREAS AND 25 CY OF ITEM 203.30 EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW END TERMINAL AREA. GUARDRAIL END TERMINAL AREAS SHALL BE CAPPED WITH AN ESTIMATED THREE INCH DEPTH OF ITEM 651.35 TOPSOIL UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE QUANTITIES INCLUDED REFLECT FIVE CY OF ITEM 651.35 TOPSOIL FOR EACH NEW GUARDRAIL END TERMINAL AREA. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL END TERMINAL AREA. PRIOR TO THE PLACEMENT OF TEMPORARY EROSION MATTING, THE AREA SHALL BE TOPSOILED AND SEEDED USING ITEM 651.35 TOPSOIL AND ITEM 651.15 SEED.
19. ANY DI'S, CROSS CULVERTS OR OTHER DRAINAGE FEATURES DAMAGED BY CONTRACTOR OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE. IF COLD PLANING AROUND EXISTING DROP INLETS, CATCH BASINS, AND MANHOLES CAN'T BE ACHIEVED TO MAINTAIN DRAINAGE, AN ESTIMATE USING ITEM 604.412 REHAB DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS 1 HAS BEEN INCLUDED.
20. WHEN AN EXTENSIVE PORTION OF THE GUARDRAIL HEIGHT IS ABOVE 29 INCHES OR BELOW 26.5 INCHES IT SHALL BE ADJUSTED TO CONFORM TO THE CURRENT HEIGHT REQUIREMENTS FOR GUARDRAIL. PAYMENT WILL BE MADE UNDER ITEM 621.79 ADJUST HEIGHT OF GUARDRAIL. 3'-7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FOOT POSTS. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED..
21. AN ESTIMATED QUANTITY OF STONE FILL, TYPE I HAS BEEN INCLUDED IN THE READING-WINDSOR STP FPAV(11) AND WEATHERSFIELD-WINDSOR STP FPAV(13) PROJECTS TO FILL IN AREAS OF WASHOUT ALONG GUARDRAIL.
22. ALL EXISTING PAVED PULL-OFFS SHALL BE PAVED WITH THE APPROPRIATE LEVELING COURSE AND OVERLAY OR AS DIRECTED BY THE ENGINEER.

PROJECT NAME:	READING-WINDSOR, WEATHERSFIELD-READING & WEATHERSFIELD-WINDSOR
PROJECT NUMBER:	STP FPAV(11), STP FPAV(12) & STP FPAV(13)
FILE NAME: COMP, STP FPAV(11),(12) & (13).dgn	PLOT DATE: 04-APR-2018
PROJECT LEADER: B. KIPP	DRAWN BY: N. PAPPAS
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