

GENERAL NOTES

1. ALL CULVERT REPLACEMENTS SHALL BE PERFORMED PRIOR TO THE OTHER WORK IN THE VICINITY OF THESE CULVERTS. SEE SHEETS 174-176 & 196-198.
2. NEW DRAINAGE AND UNDERDRAIN SHALL BE KEPT FIVE FEET OR MORE FROM EXISTING UTILITY POLES. OWNERS OF THE POLES (SEE SPECIAL PROVISIONS) SHALL BE CONTACTED TO TEMPORARILY SUPPORT POLES IF EXCAVATIONS ARE LESS THAN FIVE FEET FROM EXISTING UTILITY POLES. ANY COST FOR TEMPORARY POLE SUPPORT WILL BE INCIDENTAL TO ASSOCIATED DRAINAGE AND UNDERDRAIN ITEMS.
3. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A TRANSITION AREA DETAIL. SEE DETAIL ON SHEET 157.
4. ALL COLD PLANE SURFACES SHALL HAVE SURFACE PREPARATION BEFORE PAVING CONSISTING OF POT HOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST ONE INCH IN WIDTH. THIS WILL BE PAID UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) SEE DETAIL ON SHEET 168.
5. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER).
6. EMULSIFIED ASPHALT (OPTION ITEMS) SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES. ALL COLD PLANED OR EXISTING SURFACES SHALL HAVE AN APPLICATION RATE OF 0.08 GAL/SY. EMULSIFIED ASPHALT (OPTION ITEMS) SHALL BE APPLIED ON ALL OTHER PAVED SURFACES AT THE RATE OF 0.025 TO 0.040 GAL/SY.
7. THE WEARING COURSE SHALL BE ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) TYPE IVS. THE LEVELING COURSE SHALL BE ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER) TYPE IVS.
8. ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG-70-28) (SBS POLYMER) TOLERANCE = +/- 1/4 INCH. (TOTAL THICKNESS) ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED TOLERANCE = +/- 1 INCH (TOTAL SUBBASE THICKNESS)
9. AN EXTRA QUANTITY OF LEVELING HAS BEEN ADDED TO THE HOT MIX TOTAL FOR SPOT LEVELING BEFORE FULL WIDTH LEVELING IN ORDER TO CORRECT THE WORST PROFILE AND CROSS SLOPE DEFICIENCIES.
10. EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE ENGINEER. SEE VTRANS HIGHWAY SAFETY & DESIGN DETAIL HSD-400.01 SAFETY EDGE DETAILS.
11. 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 THESE OPERATIONS THE ENGINEER SHALL CONTACT THE VTRANS 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 TO BE AT FAULT, THE RECOMMENDED REPAIRS SHALL BE COMPLETED AT NO COST TO THE STATE.
12. ALL RESIDENTIAL AND COMMERCIAL DRIVES SHALL RECEIVE A FOUR FOOT PAVED APRON, AND ALL FIELD DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON. PAYMENT WILL BE MADE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE ENGINEER (FOR DETAILS, SEE SHEET 160). ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS WHETHER BY HAND OR MECHANICAL METHODS SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28) (SBS POLYMER).
13. AGGREGATE SHOULDERS (OPTION ITEMS) SHALL BE USED TO BACK UP EDGES OF PAVEMENT, EXCEPT IN LAWN AREAS WHERE ITEM 651.35 TOPSOIL SHALL BE USED.
14. AN ESTIMATED QUANTITY OF ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I HAS BEEN INCLUDED FOR THE EXCAVATION OF UNPAVED SHOULDERS AND REMOVING BUILT UP SAND, ETC. ADJACENT TO THE SHOULDERS IN NON GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
15. ITEM 201.0 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS HAS BEEN INCLUDED TO COVER WORK IN THE VICINITY OF THE SLOPE STABILIZATION AREAS AS NOTED ON SHEET 158.

GENERAL NOTES (CONT.)

16. ALL WORK SHALL BE PERFORMED WITHIN THE STATE RIGHT OF WAY AND CURRENT EASEMENTS.
17. A 3' - 7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FOOT POSTS. IF THIS CANNOT BE OBTAINED THEN EIGHT FOOT POSTS SHALL BE USED. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED AND ITEM 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS.
18. ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END TERMINAL FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END TERMINAL FLARE. THE AMOUNT OF 25 CUBIC YARDS OF EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END TERMINAL FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END TERMINAL FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END TERMINAL FLARE TO BE USED AS DIRECTED BY THE ENGINEER.
19. QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS I HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL D'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN.
20. CONTRACTOR MUST OBTAIN PERMISSION PRIOR TO ANY CONSTRUCTION ON THE U.S. CUSTOMS PROPERTY. FOR THE APPROPRIATE PERMISSION AND PROTOCOL CONTACT MR. TOM EBERHARDT'S OFFICE AT GENERAL SERVICES ADMINISTRATION (802) 828-4483.
21. DAMAGE INFLICTED BY THE CONTRACTOR TO ANY DROP INLETS, CROSS CULVERTS OR OTHER DRAINAGE FEATURES IS THE LIABILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.
22. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE ENGINEER.
23. ITEM 613.10 STONE FILL, TYPE I, ITEM 651.40 GRUBBING MATERIAL (6"), ITEM 653.20 TEMPORARY EROSION MATTING, AND ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I HAVE BEEN INCLUDED FOR SLOPE STABILIZATION AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
24. A QUANTITY HAS BEEN INCLUDED FOR ITEM 617.10 RELOCATE MAILBOX, SINGLE SUPPORT TO BE USED AS DETERMINED BY THE ENGINEER.
25. WHEN FINISHED GRADE HAS BEEN MET, THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIGNS BEING RETAINED ARE IN CONFORMANCE WITH VTRANS STANDARDS E-121& T-56 AS DIRECTED BY THE ENGINEER. PAYMENT MADE UNDER ITEMS 675.341, 675.50 AND 675.60.
26. EXISTING UNDERGROUND AND AERIAL FACILITIES ARE LOCATED THROUGHOUT THE PROJECT AREA. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT THE OWNERS OF THOSE FACILITIES FOR VERIFICATION. OWNERSHIP OF THESE FACILITIES INCLUDES OPERATIONAL UTILITY COMPANIES, MUNICIPALITIES AND INDIVIDUAL PROPERTY OWNERS. THE CONTRACTOR IS CAUTIONED TO PROTECT THESE FACILITIES FROM DAMAGE.
27. A QUANTITY HAS BEEN ESTIMATED FOR ITEM 201.31 THINNING AND TRIMMING FOR SIGNS AS DETAILED ON SHEET 158.
28. A QUANTITY OF ITEM 601.995 CLEANING CULV. PIPE, IN-PLACE (0 TO 24 IN., INCL) AND ITEM 601.996 CLEANING CULV. PIPE, IN-PLACE (GREATER THAN 24 IN.) HAS BEEN INCLUDED TO BE USED AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
29. PRIOR TO ANY CULVERT REPLACEMENT WORK COMMENCING AT VT ROUTE 105A STA. 69+81, THE ENGINEER IS TO CONTACT THE VTRANS GEOTECHNICAL ENGINEER TO ASSESS THE SLOPE STABILITY.

NOT TO SCALE

PROJECT NAME: RICHFORD	
PROJECT NUMBER: STP 2916(1)	
FILE NAME: z10c234typ.dgn	PLOT DATE: 4/2/2018
PROJECT LEADER: G. EDWARDS	DRAWN BY: G. MERKLE
DESIGNED BY: G. MERKLE	CHECKED BY: J. LITTLE
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