

PROJECT PAVING LIMITS

TOWN AND ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
RT 2A						
ST. GEORGE						
	0.018	0.100	6'-11'-11'-6'	1 1/2"	VARIES	LEVEL AND OVERLAY
	0.100	1.982	3'-11'-11'-3'	1 1/2"	VARIES	LEVEL AND OVERLAY
WILLISTON						
	W 0.000	W 2.568	3'-11'-11'-3'	1 1/2"	VARIES	LEVEL AND OVERLAY
	W 2.568	W 2.618	VARIES-11'-11'-VARIES	1 1/2"	VARIES	LEVEL AND OVERLAY
	W 2.618	W 2.744	4'-11'-11'-4'	1 1/2"	VARIES	LEVEL AND OVERLAY
	W 2.744	W 2.763	VARIES-11'-11'-VARIES	1 1/2"	VARIES	LEVEL AND OVERLAY
	W 2.763	W 2.804	(6'-7.5') - (11'-14') - (11'-11.5') - (0'-11.5') - (8'-9')	1 1/2"	VARIES	LEVEL AND OVERLAY

NOTES:

1. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TRANSITION DETAILS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF THE CONSTRUCTION AREAS BY THE USE OF A BUTT JOINT. SEE DETAILS ON PROJECT TYPICAL SHEET 1.
2. ALL COLD PLANED AND EXISTING SURFACES SHALL HAVE SURFACE PREPARATION BEFORE PAVING, CONSISTING OF POT HOLE PATCHING AND PATCHING OF ALL CRACKS THAT ARE AT LEAST 1" IN WIDTH. THIS WILL BE PAID FOR UNDER ITEM 900.680 "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE 1)".
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 1" 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 EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE ENGINEER AND WILL BE PAID UNDER OPTION ITEM 402.12 "AGGREGATE SHOULDERS" OR ITEM 402.13 "AGGREGATE SHOULDERS, RAP".
5. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANE SURFACES. ALL COLD PLANE SURFACES SHALL HAVE AN APPLICATION RATE OF 0.08 GAL/SY. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL OTHER PAVED SURFACES AT THE RATE OF 0.025 TO 0.040 GAL/SY PAID UNDER OPTION ITEM 404.65 "EMULSIFIED ASPHALT (RS-1)" OR ITEM 900.683 "SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)".
6. THE PAVEMENT WEARING AND LEVELING COURSES SHALL BE ITEM 406.27 "MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT" TYPE IV OR ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT" TYPE IVS. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SUBSECTION 406.03 (b) OR 490.03 (b).
7. FOR ESTIMATING PURPOSES 3/4" LEVELING COURSE HAS BEEN QUANTIFIED FOR THE PROJECT. THE LEVELING COURSE DEPTH IS MEANT TO CORRECT PROFILE DEFICIENCIES PRIOR TO THE WEARING COURSE BEING PLACED. THE ENGINEER WILL WORK IN CONJUNCTION WITH VTRANS PAVEMENT DESIGN STAFF TO DETERMINE THE ACTUAL LEVELING COURSE DEPTH.
8. ALL PAVED AND GRAVEL RESIDENTIAL AND COMMERCIAL DRIVES, AND ALL FIELD AND WOODS DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. ANY EXCAVATION OR REGRADING SHALL BE INCIDENTAL TO ITEM 406.27 "MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT" OR ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT". THE NEW BITUMINOUS SURFACE WILL BE PAID FOR UNDER ITEM 406.27 "MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT" TYPE IV OR ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT" TYPE IVS.
9. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH (TOTAL THICKNESS, EXCLUDING LEVELING).
10. EDGES OF PAVEMENT SHALL INCLUDE A SAFETY EDGE AS SHOWN ON HSD-400.01 SAFETY EDGE DETAILS.
11. ANY D1'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.
12. ESTIMATED QUANTITIES OF ITEMS 608.15 "POWER GRADER RENTAL", 608.25 "ALL PURPOSE EXCAVATOR RENTAL, TYPE 1", 608.37 "TRUCK RENTAL", AND 608.40 "LOADER RENTAL, TYPE 1" HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTIONS WITH EXCAVATED DITCHING MATERIAL AND THE REMOVAL OF BUILT UP EXCESS SHOULDER MATERIAL IN NON-GUARDRAIL LOCATIONS.
13. AN ESTIMATED QUANTITY OF ITEM 203.30 "EARTH BORROW" HAS BEEN INCLUDED FOR USE WITH THE GUARDRAIL END SECTIONS. 25 CY OF ITEM 203.30 "EARTH BORROW" HAS BEEN ESTIMATED FOR EACH NEW END SECTION. GUARDRAIL END SECTIONS SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF ITEM 651.35 "TOPSOIL" UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 CY OF ITEM 651.35 "TOPSOIL" FOR EACH NEW GUARDRAIL END SECTION. ITEM 653.20 "TEMPORARY EROSION MATTING" SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL END SECTIONS. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 "TEMPORARY EROSION MATTING" FOR EACH NEW GUARDRAIL END SECTION. 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".
14. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

PROJECT NAME:	ST. GEORGE-WILLISTON
PROJECT NUMBER:	STP FPAV(4)
FILE NAME: z16v025typ.dgn	PLOT DATE: 05/16/2016
PROJECT LEADER: C. LATHROP	DRAWN BY: O. DALMER
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PROJECT NOTES SHEET	SHEET 4 OF 18

NOT TO SCALE