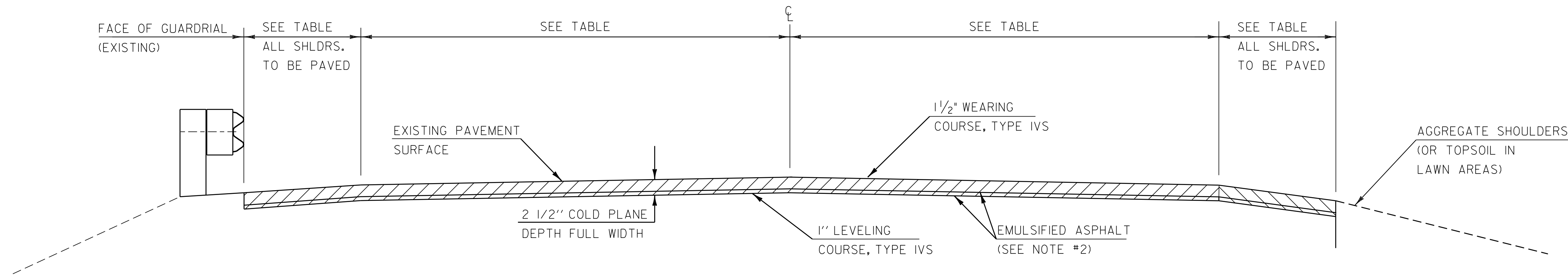


OVERLAY TYPICAL SECTION

VT ROUTE 104 - FAIRFAX MM 6.883 - ST. ALBANS TOWN MM 1.285
VT ROUTE 104 - ST. ALBANS TOWN MM 1.644 - ST. ALBANS TOWN MM 2.155
VT ROUTE 104 - ST. ALBANS TOWN MM 2.300 - ST. ALBANS TOWN MM 4.110

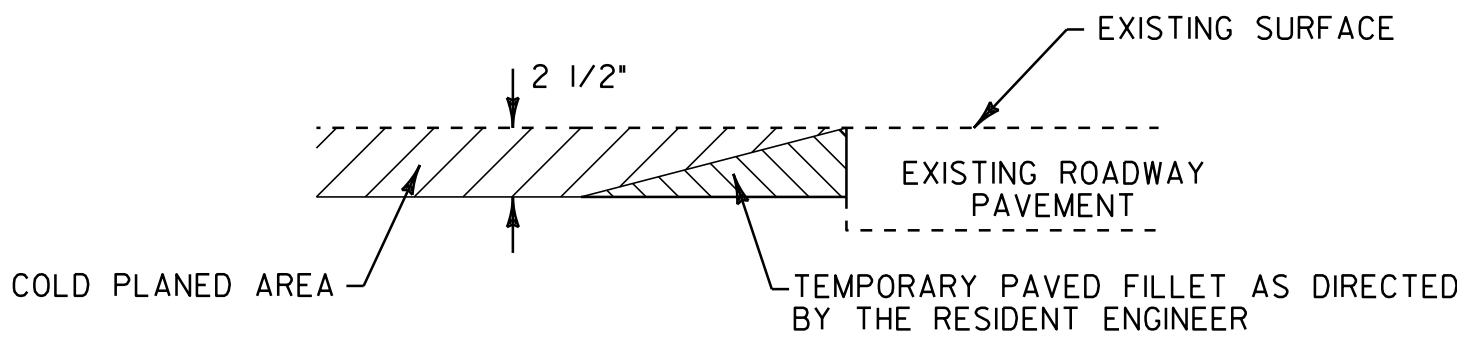


COLD PLANE TYPICAL SECTION

VT ROUTE 104 - ST. ALBANS TOWN MM 1.425 - ST. ALBANS TOWN MM 1.644

GENERAL NOTES

- THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS AND 1" IN DEPTH, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SHOWN ON TITLE SHEET.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4 " +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3' +/- OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED.
- COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH AGGREGATE SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.12, AGGREGATE SHOULDERS, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- ITEMS 604.412, 604.415, 604.418 REHAB. DI, CB OR MH, CLASS I, II OR III ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE LAYOUT SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- GRASS GROWING ADJACENT TO THE 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 RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- YIELDING MARKER POSTS SHALL BE USED TO DELINEATE CULVERT ENDS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE ENGINEER.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
- 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 SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. 25 CUBIC YARDS OF EARTH MATERIAL HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.



DETAIL AT VERTICAL COLD PLANE JOINTS (2" DEPTH)

FULL ROADWAY WIDTH
ST. ALBANS TOWN MM 1.425 VT 104
ST. ALBANS TOWN MM 1.644 VT 104
ST. ALBANS TOWN MM 0.600 S.A.S.H.
ST. ALBANS TOWN MM 0.830 S.A.S.H.

TOWN	BEGIN MM	END MM	SHOULDER	LANE TYPICAL	SHOULDER	WEARING DEPTH	WEARING TYPE	LEVEL DEPTH	LEVEL TYPE	NOTES
FAIRFAX	6.883	6.889	2.0	11.0	2.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
FAIRFAX	6.889	9.773	4.0	11.0	4.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
FAIRFAX	9.773	9.789	4.0	11.0	4.0	11/4"	IVS	-	-	BRI4 MILL 11/4", PAVE W/11/4" TYPE IVS
FAIRFAX	9.789	12.267	4.0	11.0	4.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
FAIRFAX	12.267	12.721	5.0	11.0	5.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
FAIRFAX	12.721	13.594	7.0	11.0	7.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
FAIRFAX	13.594	14.185	3.0	11.0	3.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
GEORGIA	0.000	0.130	2.0	11.0	2.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
FAIRFIELD	0.000	0.111	2.0	11.0	2.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
ST. ALBANS TOWN	0.000	1.285	2.0	11.0	2.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
ST. ALBANS TOWN	1.285	1.425	-	-	-	-	-	-	-	END PAVING MM 1.285, RESUME MM 1.425
ST. ALBANS TOWN	1.425	1.513	2.0	11.0	2.0	1 1/2"	IVS	1"	IVS	COLD PLANE 2 1/2", THEN PAVE WITH 2 1/2" TYPE IVS
ST. ALBANS TOWN	1.513	1.644	4.0	11.0	4.0	1 1/2"	IVS	1"	IVS	COLD PLANE 2 1/2", THEN PAVE WITH 2 1/2" TYPE IVS
ST. ALBANS TOWN	1.644	2.155	WIDTHS VARY AT VT 104 & S.A.S.H. INTERSECTION			1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
ST. ALBANS TOWN	2.155	2.300	-	-	-	-	-	-	-	END PAVING MM 2.155, RESUME MM 2.300
ST. ALBANS TOWN	2.300	2.843	3.0	11.0	3.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS
ST. ALBANS TOWN	2.843	2.887	1.0	11.0	1.0	11/4"	IVS	-	-	BR20 COLD PLANE 11/4", THEN PAVE W/11/4" TYPE IVS
ST. ALBANS TOWN	2.887	4.110	3.0	11.0	3.0	1 1/2"	IVS	1"	IVS	LEVEL AND THEN PAVE WITH 11/2" TYPE IVS

NOT TO SCALE

PROJECT
TYPICAL
SHEET # 1

PROJECT NAME: FAIRFAX - ST. ALBANS TOWN
PROJECT NUMBER: STP 2217(1)

FILE NAME: p99cl86.dgn
PROJECT LEADER: T. DOMEY
DESIGNED BY: K. LOCKE
IPARM FILE NAME: p99cl86+yp1.i

PLOT DATE: 11-OCT-2011 11:48
DRAWN BY: K. LOCKE
CHECKED BY: PAVT MGMT
SHEET 2 OF 25