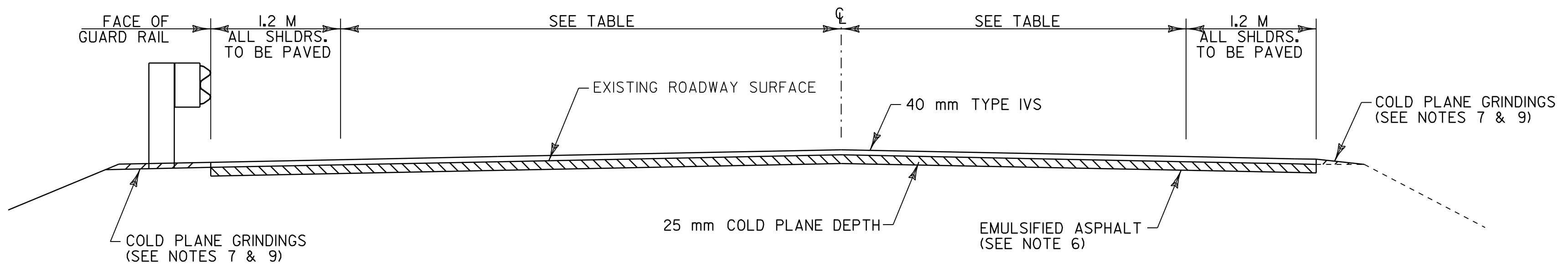


55 mm COLD PLANE, LEVEL & OVERLAY TYPICAL SECTION

FULL ROADWAY WIDTH
 ST. ALBANS STA. 1+881.32 TO 3+213.86
 ST. ALBANS STA. 3+775.0 TO 4+667.26
 SWANTON STA. 0+000.00 TO 5+511.2
 SWANTON STA. 5+512.4 TO 7+613.9
 SWANTON STA. 7+708.7 TO 7+793.8
 SWANTON STA. 7+804.8 TO 8+155.20



25 mm COLD PLANE & 40 mm OVERLAY TYPICAL SECTION

FULL ROADWAY WIDTH
 ST. ALBANS STA. 3+514.81 TO 3+775.0

PROJECT PAVING LIMITS

NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
ST. ALBANS TOWN, U.S. ROUTE 7	1+881.32	3+213.86	VARIABLES - SEE LAYOUT SHEETS	40 mm	544	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
ST. ALBANS TOWN, U.S. ROUTE 7	3+213.86	3+514.81	(SIGNAL PROJECT)	-	-	NO COLD PLANING OR PAVING
ST. ALBANS TOWN, U.S. ROUTE 7	3+514.81	3+775.0	VARIABLES - SEE LAYOUT SHEETS	40 mm	-	COLD PLANE 25 mm, THEN OVERLAY WITH 40 mm TYPE IVS
ST. ALBANS TOWN, U.S. ROUTE 7	3+775.0	4+667.26	VARIABLES - SEE LAYOUT SHEETS	40 mm	287	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	0+000.00	5+511.2	1.2 m - 3.3 m - 3.3 m - 1.2 m	40 mm	1786	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	5+511.2	5+512.4	1.2 m - 3.3 m - 3.3 m - 1.2 m	30 mm	-	BRIDGE #177 - OVERLAY WITH 30 mm TYPE IVS
SWANTON, U.S. ROUTE 7	5+512.4	7+613.9	VARIABLES - SEE LAYOUT SHEETS	40 mm	730	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	7+613.9	7+708.7	2.7 m - 3.3 m - 3.3 m - 2.7 m	30 mm	-	BRIDGE #178 - COLD PLANE 30 mm, PAVE WITH 30 mm TYPE IVS
SWANTON, U.S. ROUTE 7	7+708.7	7+793.8	2.7 m - 3.3 m - 3.3 m - 2.7 m	40 mm	29	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	7+793.8	7+804.8	(RAILROAD CROSSING)	-	-	NO COLD PLANING OR PAVING
SWANTON, U.S. ROUTE 7	7+804.8	8+155.20	VARIABLES - SEE LAYOUT SHEETS	40 mm	124	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS

NOTES

- THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT WEARING COURSE ON THE ROADWAY SHALL BE TYPE IVS AND THE LEVELING COURSE SHALL BE TYPE IVS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE TYPE IVS LEVELING COURSE QUANTITY IS ESTIMATED AT 15 mm. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE PROJECT, THE STOP/ RESUME AT THE SIGNAL PROJECT, THE STOP/ RESUME AT THE RR TRACKS AND ON THE TOWN HIGHWAYS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON SHEET #50.
- WHEN COLD PLANING BRIDGE NO. 178, CARE SHALL BE TAKEN TO AVOID THE EXISTING MEMBRANE.
- EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE ENGINEER.
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE ENGINEER.

EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR GRADER RENTAL.

MATERIAL REMOVED SHALL BE REPLACED WITH COLD PLANE GRINDINGS (402.12 MOD.) AS DIRECTED BY THE RESIDENT ENGINEER.

EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
- THE USE OF ITEM 203.99, SHOULDER BERM REMOVAL IS APPROPRIATE ONLY IN AREAS OF RETAINED GUARD RAIL.
- COLD PLANE GRINDINGS SHALL REMAIN THE PROPERTY OF THE STATE OF VERMONT AND SHALL BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT OVERLAY AND TO BACK UP GUARD RAIL IN ALL GUARD RAIL AREAS AS DIRECTED BY THE RESIDENT ENGINEER. THIS WILL BE PAID UNDER ITEM 402.12 (MOD.)
- AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 CUBIC METERS OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.
- ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE ITEM DETAIL SUMMARY SHEET. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVES AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- MARKER POSTS SHALL BE USED TO DELINEATE PIPE INLETS AND OUTLETS ONLY.
- DELINEATORS W/STEEL POSTS SHALL ONLY BE USED TO DELINEATE GUARDRAIL FLARED TERMINALS AS DISCUSSED ON VTRANS STANDARD G-19M.

RURAL AREAS - SEED MIXTURE

% WT	KG/HA	NAME	PUR %	GERM %
37.1	26.0	CREEPING RED FESCUE	98	85
37.1	26.0	TALL FESCUE	95	90
5.7	4.0	RED TOP	95	90
14.4	10.0	BIRDSFOOT TREFOIL	98	85
5.7	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

SEED MIXTURE:
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED:
 TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER:
 FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 KG/HA. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA.)

AGRICULTURAL LIMESTONE:
 TO BE APPLIED AT THE RATE OF 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:
 TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL:
 TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

PROJECT TYPICALS, PAVING LIMITS & NOTES

PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 16-SEP-2005
PROJECT NUMBER: STP 2335(I)S	DRAWN BY: D-H
FILE NAME: /pave/01c016/p01c016.dgn	CHECKED BY:
PROJECT LEADER: JLL	SHEET 48 OF 89
DESIGNED BY: D-H	
IPARM FILE NAME: p01c016+ty.1	

