



**COLD PLANE TYPICAL SECTION**

VT. ROUTE 17 FAYSTON STA. 7+229.00 TO STA. 7+756.00  
 VT. ROUTE 17 FAYSTON STA. 7+781.00 TO STA. 9+372.60  
 VT. ROUTE 17 WAITSFIELD STA. 0+000.00 TO STA. 0+091.73

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	NOTES
FAYSTON VT. ROUTE 17	7+229	7+300	0.7 m - 3.3 m - 3.3 m - 0.7 m	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
FAYSTON VT. ROUTE 17	7+300	7+400	VARIES - 3.3 m - 3.3 m - VARIES	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
FAYSTON VT. ROUTE 17	7+400	7+756	0.9 m - 3.3 m - 3.3 m - 0.9 m	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
FAYSTON VT. ROUTE 17	7+756	7+781			BR*36-DO NOT PAVE-SEE BR. APPR. DETAIL ON SHT. 7.
FAYSTON VT. ROUTE 17	7+781	8+056	0.9 m - 3.3 m - 3.3 m - 0.9 m	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
FAYSTON VT. ROUTE 17	8+056	8+072	VARIES - 3.3 m - 3.3 m - VARIES	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
FAYSTON VT. ROUTE 17	8+072	8+107	1.5 m - 3.3 m - 3.3 m - 1.5 m	30 mm	BR*37 MILL 30 mm & PAVE WITH 30 mm TYPE IVS SEE BR*37 TRANSITION DETAIL ON SHEET 7.
FAYSTON VT. ROUTE 17	8+107	8+150	VARIES - 3.3 m - 3.3 m - VARIES	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
FAYSTON VT. ROUTE 17	8+150	9+372.60	0.9 m - 3.3 m - 3.3 m - 0.9 m	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
WAITSFIELD VT. ROUTE 17	0+000.00	0+070	0.9 m - 3.3 m - 3.3 m - 0.9 m	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS
WAITSFIELD VT. ROUTE 17	0+070.00	0+091.73	VARIES - 3.3 m - 3.3 m - VARIES	40 mm	COLD PLANE 40 mm & PAVE WITH 40 mm TYPE IVS

**NOTES**

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm 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. EXCAVATION WILL BE PAID FOR AS ALL-PURPOSE EXCAVATION OR GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED) (MOD.).
3. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANE SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m<sup>2</sup> OR AS DIRECTED BY THE RESIDENT ENGINEER.
4. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
5. ALL DRIVEWAYS, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL MAILBOX TURNOUTS SHALL HAVE THE EXISTING EDGE OF PAVEMENT BACKED-UP WITH COLD PLANE GRINDINGS PRIOR TO THE PLACEMENT OF THE PAVED APRON. ALL GRAVEL PULLOUTS SHALL HAVE 100 mm OF COLD PLANE GRINDINGS PLACED ON THE EXISTING SURFACE AND COMPACTED.
6. EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF GUARDRAIL TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDERS (MOD.) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m<sup>3</sup> OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDERS (MOD.) FOR EACH GUARDRAIL TERMINAL.
7. THE PROPOSED BOX BEAM GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 1.0 m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 1.6 m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.1m POSTS SHALL BE USED FOR BOX BEAM RAIL.
8. ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS SHALL ONLY BE PAID WHERE INDICATED IN THE PLANS. ALL PAVING, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS, AROUND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
9. THE CONTRACTOR SHALL COLD PLANE AND PAVE IN A MANNER THAT MAINTAINS THE EXISTING ROADWAY CROSS SECTION AND DOES NOT ALTER THE LOCATION OF THE CENTERLINE JOINT.

**CONSERVATION SEED MIX**

RURAL AREA - SEED MIXTURE				
% WT.	kg/ha.	NAME	PUR. %	GERM. %
37.14	26.0	CREEPING RED FESCUE	98	85
37.14	26.0	TALL FESCUE	95	90
5.71	4.0	RED TOP	95	90
14.30	10.0	BIRDSFOOT TREFLOIL	98	85
5.71	4.0	ANNUAL RYEGRASS	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 WEED SEED.

SEED:  
 TO BE APPLIED PER SEEDING FORMULA DIRECTED BY THE RESIDENT 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 RESIDENT ENGINEER.

HAY MULCH:  
 TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

<b>PROJECT TYPICAL SHEET</b>	SURVEYED BY <u>J. REDMOND</u> DATE <u>7/05</u>
	DRAWN BY <u>J. REDMOND</u> DATE <u>7/05</u>
	SQUAD LEADER <u>J. REDMOND</u>
	DESIGN FILE NO. <u>pave/00b058/00b058.dgn</u>
	IPARM FILE <u>00b058+tyl.i</u> DATE <u>23-MAY-2008</u> 12:54
	PROJ. NAME <u>FAYSTON - WAITSFIELD</u>
	PROJ. NO. <u>STP 2406(1)S</u>
	SHEET <u>6</u> OF <u>54</u>

**NOT TO SCALE**

