

NOTES

- THE PAVEMENT WEARING COURSE ON BRIDGE NO. 6 SHALL BE TYPE IV. THE PAVEMENT WEARING COURSE ON THE ROADWAY SHALL BE TYPE III. THE ESTIMATED 15 mm LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
- 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 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT.
- THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE PROJECT AS WELL AS ON THE TOWN HIGHWAYS AND RAMPS IN THE COLD PLANE AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON SHEET 8.
- WHEN COLD PLANING BRIDGE NO. 6, CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE EXISTING MEMBRANE. ANY COSTS ASSOCIATED WITH REPAIRING OR REPLACING THIS MEMBRANE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID THE ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES LOCATED AT CURB LINE AND IN THE EXPANSION JOINTS. THE CONTRACTOR SHALL EXAMINE THESE BRIDGE FEATURES ON A REGULAR BASIS TO ENSURE THAT DEBRIS HAS NOT ACCUMULATED. ANY DEBRIS WHICH IS PRESENT SHALL BE REMOVED BY THE CONTRACTOR AT NO COST TO THE STATE.
- 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.
- MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
- 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 SUBBASE OF CRUSHED GRAVEL (FINE GRADED) OR 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.
- COLD PLANE GRINDINGS MAY BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER UNDER ITEM 402.12 (MOD.).
- EXCAVATED MATERIAL FROM DITCH CLEANING OPERATIONS SHALL BE USED FOR THE CONSTRUCTION OF GUARD RAIL TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 CUBIC METERS OF DITCHING MATERIAL AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.

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 TREFLOIL	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.

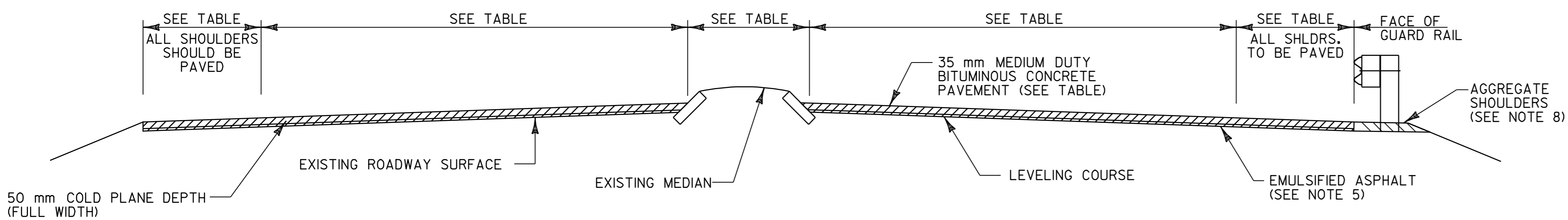
FERTILIZER:
FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 KG/HA. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA.)

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.

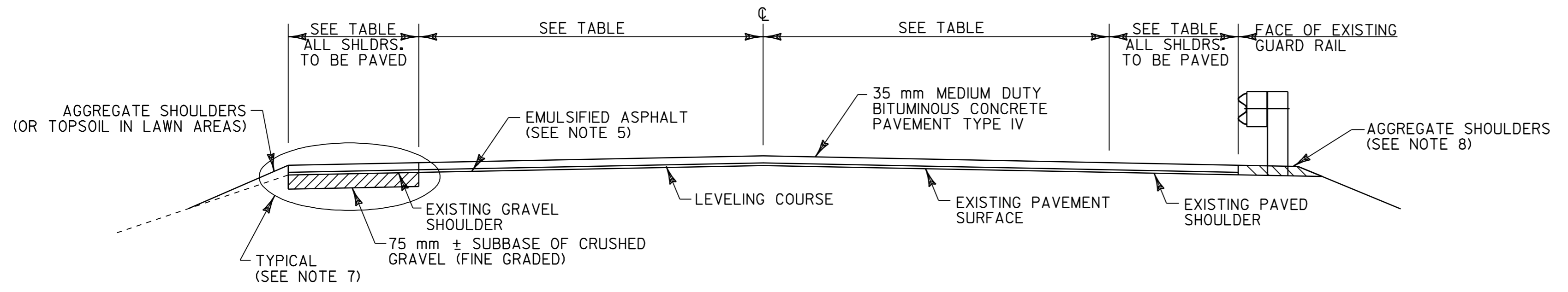
TOPSOIL:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

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



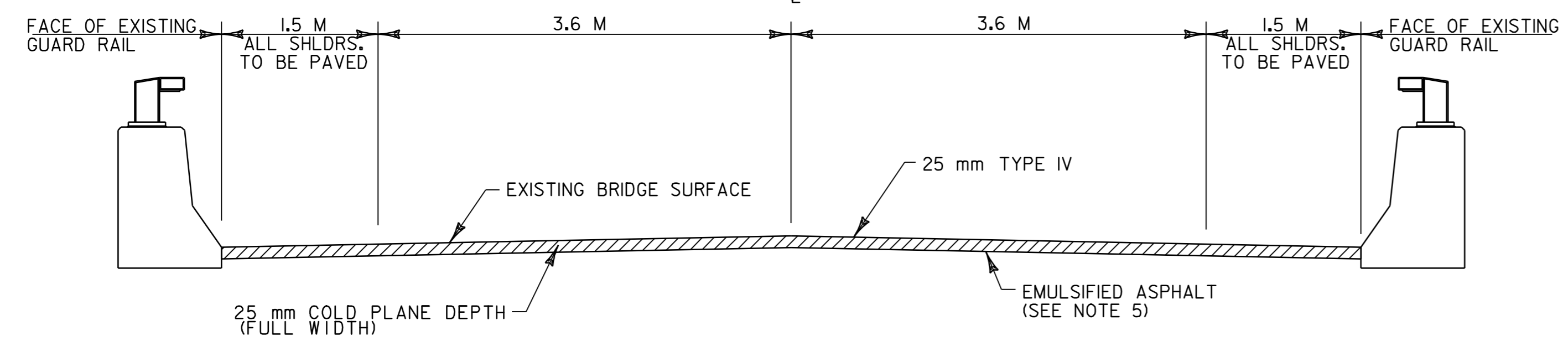
COLD PLANE TYPICAL SECTION WITH MEDIAN ISLAND

ST. ALBANS, STA. 0+006.44 TO 0+677.5
ST. ALBANS, APPROACH RAMP



OVERLAY TYPICAL SECTION - ROADWAY

SWANTON STA. 0+000.0 TO STA. 7+703.9
HIGHGATE STA. 0+000.0 TO STA. 2+679.0
HIGHGATE STA. 2+776.0 TO STA. 3+199.38



COLD PLANE TYPICAL SECTION - BRIDGE NO. 6

HIGHGATE STA. 2+679.0 TO 2+776.0

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING	NOTES
					TONS	
ST. ALBANS, VT ROUTE 207 AND APPROACH RAMP	0+006.44	0+677.5	VARIES, SEE LAYOUT SHEETS	35 mm	463	COLD PLANE 50 mm, LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
SWANTON, VT ROUTE 207	0+000.0	0+275.0	VARIES, SEE LAYOUT SHEETS	35 mm	120	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
SWANTON, VT ROUTE 207	0+275.0	7+703.9	0.6 M - 3.3 M - 3.3 M - 0.6 M	35 mm	2075	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	0+000.0	2+533.3	0.6 M - 3.3 M - 3.3 M - 0.6 M	35 mm	718	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	2+533.3	2+563.5	TAPER, SEE LAYOUT SHEETS	35 mm	10	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	2+563.5	2+679.0	1.5 M - 3.6 M - 3.6 M - 1.5 M	35 mm	42	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	2+679.0	2+776.0	1.5 M - 3.6 M - 3.6 M - 1.5 M	25 mm	-	BRIDGE NO. 6 - COLD PLANE 25 mm, PAVE WITH 25 mm TYPE IV
HIGHGATE, VT ROUTE 207	2+776.0	3+199.38	1.5 M - 3.6 M - 3.6 M - 1.5 M	35 mm	154	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III

PROJECT TYPICALS & PAVING LIMITS

PROJECT NAME: ST. ALBANS - HIGHGATE	PLOT DATE: 16-SEP-2005 13:33
PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
FILE NAME: /pave/98c110/pcl10.dgn	CHECKED BY:
DESIGNED BY: D-H	SHEET 7 OF 89
IPARM FILE NAME: pcl10tyl.i	