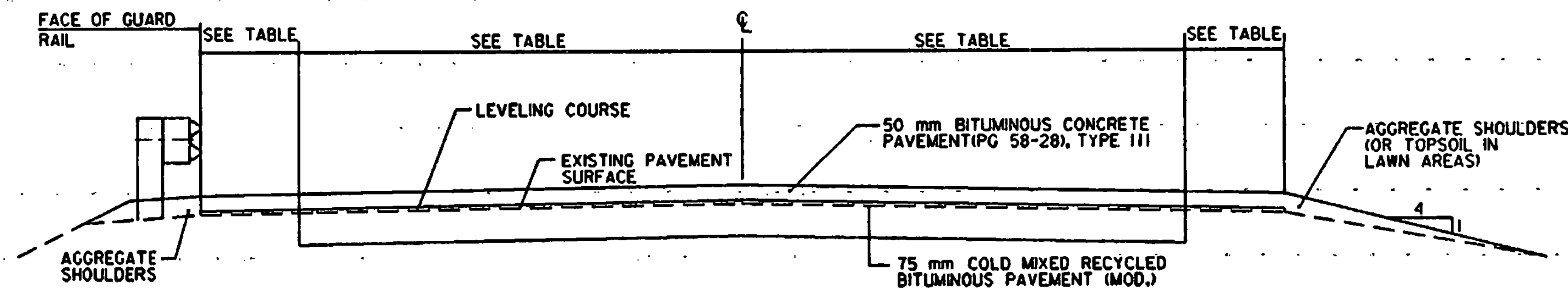


NOTES

1. THE WEARING COURSE SHALL BE TYPE III BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
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 EXCAVATOR OR GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
3. 1.0 m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8 m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.4 m POSTS SHALL BE USED.
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES, ON ALL RECYCLED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.07 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. ALL LIQUID BINDER USED IN COLD MIXED RECYCLED BITUMINOUS PAVEMENT, AS DIRECTED BY THE RESIDENT ENGINEER, SHALL BE PAID FOR AS EMULSIFIED ASPHALT (MOD.).
EMULSIFIED ASPHALT (MOD.) HAS BEEN ESTIMATED AT THE RATE OF 3.6 L/m² TO BE USED IN 75 mm COLD MIXED RECYCLED BITUMINOUS PAVEMENT.
6. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
7. ALL DRIVEWAYS, AND MAILBOX PULL-OUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER.
8. ITEM 604.40, 604.412 & 604.415 IS AN ESTIMATED QUANTITY AND SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
9. ALL TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH ITEM 402.12, AGGREGATE SHOULDERS, AS DIRECTED BY THE RESIDENT ENGINEER.
10. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING MELT 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 m³ OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.



COLD MIXED RECYCLED BITUMINOUS PAVEMENT

VT. ROUTE II MANCHESTER STA. 4+910.109 TO MANCHESTER STA. 5+030.409
VT. ROUTE II MANCHESTER STA. 5+051.709 TO MANCHESTER STA. 5+222.321
VT. ROUTE II WINHALL STA. 0+000.000 TO WINHALL STA. 5+399.349

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE		NAME	PUR. %	GERM. %
WT.	kg/ha.			
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 TREFOIL	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.

MARKER POSTS:
TO BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING	NOTES
MANCHESTER VT. ROUTE II	4+910.109	5+030.409	VARIES - SEE LAYOUT SHEETS	50 mm	35	
MANCHESTER VT. ROUTE II	5+030.409	5+051.709	2.8 m-3.6 m-3.6 m-2.7 m	35 mm	-	BR 5 - COLD PLANE 35 mm AND PAVE 35 mm TYPE III
MANCHESTER VT. ROUTE II	5+051.709	5+222.321	VARIES - SEE LAYOUT SHEETS	50 mm	52	
WINHALL VT. ROUTE II	0+000.000	0+975.000	0.6 m-3.6 m-3.6 m-0.6 m	50 mm	292	
WINHALL VT. ROUTE II	0+975.000	1+303.000	VARIES - SEE LAYOUT SHEETS	50 mm	170	
WINHALL VT. ROUTE II	1+303.000	2+713.000	VARIES -3.6 m-3.6 m-3.6 m-VARIES	50 mm	631	
WINHALL VT. ROUTE II	2+713.000	4+340.000	1.0 m-3.6 m-3.6 m-3.6 m-1.0 m	50 mm	741	
WINHALL VT. ROUTE II	4+340.000	5+011.600	0.6 m-3.6 m-3.6 m-3.6 m-0.6 m	50 mm	287	
WINHALL VT. ROUTE II	5+011.600	5+399.349	VARIES - SEE LAYOUT SHEETS	50 mm	196	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PROJECT TYPICAL SHEET

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.M.C.	DATE	11/97
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/89b016/pb016.dgn		
IPARM FILE	pb016.txl	DATE PLOTTED	20-MAY-1998
PROJ. NAME	MANCHESTER - WINHALL		
PROJ. NO.	STP-016-KIG		
SHEET	7 OF 43	SHEETS	