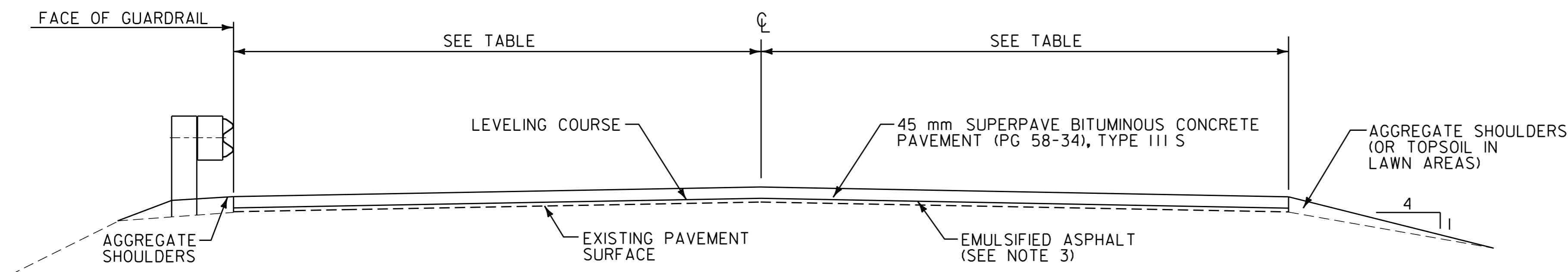


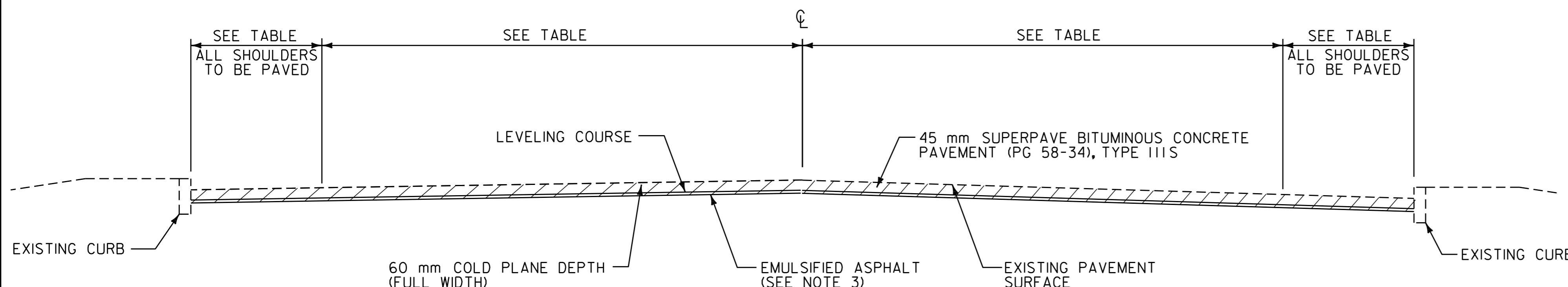
NOTES



OVERLAY TYPICAL SECTION

U.S. ROUTE 4 RUTLAND STA. 0+500.000 TO MENDON STA. 3+874.500
 U.S. ROUTE 4 MENDON STA. 3+916.000 TO KILLINGTON STA. 3+200.000
 U.S. ROUTE 4 KILLINGTON STA. 3+840.000 TO KILLINGTON STA. 4+390.290

- THE WEARING COURSE SHALL BE TYPE III S SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV S UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
- 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).
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
- BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
- 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. COMPENSATION FOR THIS WORK SHALL BE MADE UNDER THE APPROPRIATE EQUIPMENT RENTAL ITEM(S).
- ITEM 203.99 SHOULDER BERM REMOVAL HAS BEEN ADDED TO REMOVE EXCESS GRANULAR MATERIAL LOCATED NEAR EXISTING GUARDRAIL TO REMAIN TO ALLOW THE SHOULDER TO DRAIN (25% OF TOTAL LENGTH OF RETAINED RAIL).
- ITEMS 204.21, 501.25, 507.15 AND 604.47 ARE INCLUDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER AT THOSE LOCATIONS WHERE STRUCTURE REHABILITATION IS BEYOND THAT AS SPECIFIED UNDER ITEM 604.412.
- DITCHING MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL SECTION 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 DITCHING MATERIAL AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.
- A FULL-DEPTH BUTT JOINT SHALL BE CONSTRUCTED IN RUTLAND AT STA. 0+000.000 OR AS DIRECTED BY THE RESIDENT ENGINEER.
- TREATED TIMBER CURB SHALL BE BACKED-UP TO FULL HEIGHT WITH ITEM 402.12 AGGREGATE SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE PLANS.
- ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS AND ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS (MOD.) WILL BE PAID FOR ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (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 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).



COLD PLANE TYPICAL SECTION - CURBED

U.S. ROUTE 4 RUTLAND STA. 0+000.000 TO RUTLAND STA. 0+500.000
 U.S. ROUTE 4 KILLINGTON STA. 3+200.000 TO KILLINGTON STA. 3+840.000

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 TREFOL	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.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
RUTLAND U.S. ROUTE 4	0+000.000	0+500.000	VARIES - SEE LAYOUT SHEETS	45 mm	272	COLD PLANE 60 mm, LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
RUTLAND U.S. ROUTE 4	0+500.000	1+992.368	VARIES - SEE LAYOUT SHEETS	45 mm	622	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	0+000.000	0+720.000	VARIES - SEE LAYOUT SHEETS	45 mm	300	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	0+720.000	2+753.000	VARIES - SEE LAYOUT SHEETS	45 mm	946	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	2+753.000	3+360.000	VARIES - 3.6 m - 3.6 m - 3.3 m - VARIES	45 mm	294	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	3+360.000	3+874.500	1.4 m - 3.6 m - 3.6 m - 3.3 m - 1.4 m	45 mm	469	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	3+874.500	3+916.000	1.4 m - 3.6 m - 3.6 m - 3.3 m - 1.4 m	35 mm	-	BR 24, COLD PLANE 35 mm & PAVE WITH 40 mm TYPE III S
MENDON U.S. ROUTE 4	3+916.000	4+350.000	1.4 m - 3.6 m - 3.6 m - 3.3 m - 1.4 m	45 mm	284	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	4+350.000	5+280.000	1.8 m - 3.6 m - 3.6 m - 3.3 m - 1.8 m	45 mm	467	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	5+280.000	6+950.000	1.4 m - 3.6 m - 3.6 m - 3.3 m - 1.4 m	45 mm	791	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
MENDON U.S. ROUTE 4	6+950.000	9+546.629	1.6 m - 3.6 m - 3.6 m - 3.3 m - 1.6 m	45 mm	1216	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
KILLINGTON U.S. ROUTE 4	0+000.000	0+966.000	1.9 m - 3.6 m - 3.6 m - 3.3 m - 1.9 m	45 mm	492	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
KILLINGTON U.S. ROUTE 4	0+966.000	1+368.000	VARIES - SEE LAYOUT SHEETS	45 mm	250	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
KILLINGTON U.S. ROUTE 4	1+368.000	2+920.000	1.9 m - 3.3 m - 3.6 m - 3.6 m - 1.9 m	45 mm	759	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
KILLINGTON U.S. ROUTE 4	2+920.000	3+200.000	VARIES - SEE LAYOUT SHEETS	45 mm	99	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
KILLINGTON U.S. ROUTE 4	3+200.000	3+840.000	VARIES - SEE LAYOUT SHEETS	45 mm	384	COLD PLANE 60 mm, LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S
KILLINGTON U.S. ROUTE 4	3+840.000	4+390.290	VARIES - SEE LAYOUT SHEETS	45 mm	95	LEVEL WITH 15 mm TYPE IV S & PAVE WITH 45 mm TYPE III S

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**ARCHIVED
IN DPR**

PROJECT TYPICAL SHEET	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/29
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	Zpave/97b160/pb160.dgn		
	IPARM FILE	pb160.txl	DATE PLOTTED	N/A
PROJ. NAME	BUILAND - KILLINGTON			
PROJ. NO.	NH 98091S			
SHEET	2	OF	83	SHEETS