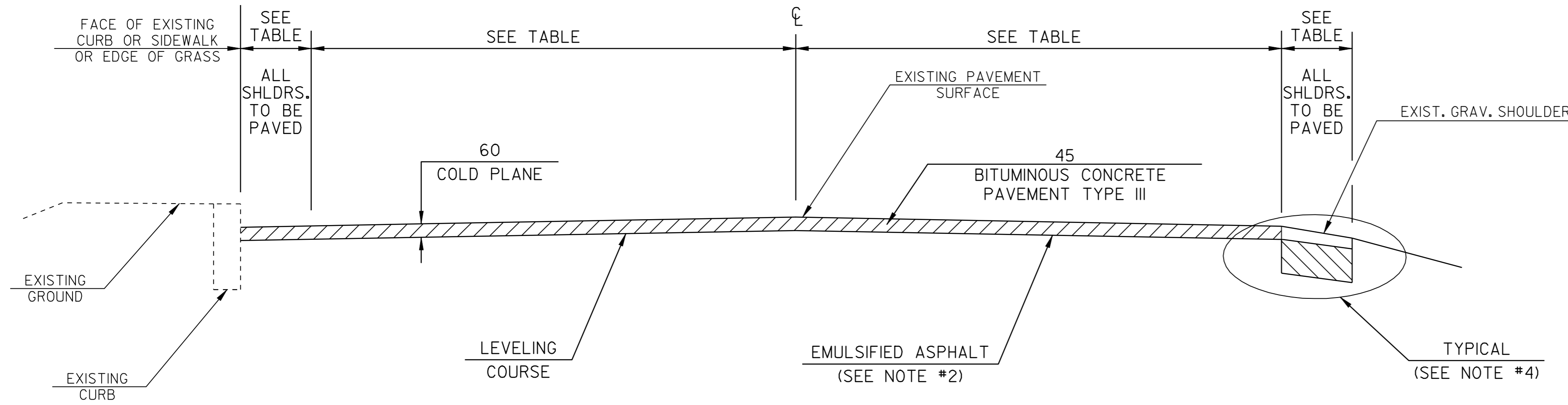


NOTES:

- THE PAVEMENT WEARING COURSE SHALL BE TYPE III, THE LEVELING COURSE SHALL BE TYPE IV AND 15 mm IN DEPTH, ITEM 406.25, AS SHOWN ON THE TYPICAL, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 64-28.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON 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 THICKNESS EXCLUDING LEVEL COURSE.)
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm +/- OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED) OR COLD PLANE GRINDINGS.
- COLD PLANING SHALL BE COMPLETED ACCORDING TO TYPICAL OR AS DENOTED OTHERWISE ON THE PLANS. A FULL-DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, SUBSIDIARY TO ITEM 406.25.
- ALL DRIVES, TOWN HIGHWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A 1METER PAVED APRON AT THE NECESSARY LOCATIONS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAVER SHALL FEATHER APRON OVER EXISTING SURFACE.
- ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL AND 603.37 TRUCK RENTAL HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL FLARES WITH EARTH BORROW. THE GUARD RAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDERS (MOD) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDERS (MOD) FOR EACH GUARDRAIL TERMINAL. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR ADDITIONAL MATERIAL IF NEEDED, FOR FLARE CONSTRUCTION.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD).
- ALL 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 406.25, BITUMINOUS CONCRETE PAVEMENT.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED), ITEM 402.12, AGGREGATE SHOULDERS (MOD), AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- COLD- PLANE GRINDINGS TO REMAIN THE PROPERTY OF THE STATE OF VERMONT, AND TO BE USED ON THE PROJECT FOR SHOULDER BACKING, PAYABLE UNDER ITEM 402.12 AGGREGATE SHOULDERS (MOD.).
- ITEM 604.40 & 604.412 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- 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 406.25 BITUMINOUS CONCRETE PAVEMENT PG 64-28.



COLD PLANE TYPICAL SECTION

NOT TO SCALE

STA 6+872 TO 11+360

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BINDER DEPTH (mm)	LEVELING DEPTH (mm)	TOTAL (t)	NOTES
VT ROUTE 9 BRATTLEBORO	6+872	7+331	1.7-3.3-3.3-1.7	45		15	165	COLD PLANE 60, LEVEL & OVERLAY
	7+331	7+337	1.3-3.3-3.3-1.3	45		15	2	COLD PLANE 50, LEVEL & OVERLAY, BRIDGE #52
	7+337	7+433	1.3-3.3-3.3-1.3	45		15	32	COLD PLANE 60, LEVEL & OVERLAY
	7+433	7+770	VARIABLES SEE LAYOUT	45		15	175	COLD PLANE 60, LEVEL & OVERLAY
	7+770	7+774	VARIABLES SEE LAYOUT	45		15	3	COLD PLANE 25, LEVEL & OVERLAY, BRIDGE #53
	7+774	8+050	VARIABLES SEE LAYOUT	45		15	207	COLD PLANE 60, LEVEL & OVERLAY
	8+050	8+180	VARIABLES SEE LAYOUT	45		15	58	COLD PLANE 60, LEVEL & OVERLAY
	8+180	8+332	1.6-3.3-3.3-1.6	45		15	54	COLD PLANE 60, LEVEL & OVERLAY
	8+332	8+354	0.2-3.3-3.3-0.2	45		15	6	COLD PLANE 25, LEVEL & OVERLAY, BRIDGE #54
	8+354	9+016	1.8-3.3-3.3-1.8	45		15	243	COLD PLANE 60, LEVEL & OVERLAY
	9+016	9+225	1.5-3.3-3.3-1.5	45		15	72	COLD PLANE 60, LEVEL & OVERLAY
	9+225	9+421	1.7-3.3-3.3-1.7	45		15	71	COLD PLANE 60, LEVEL & OVERLAY
	9+421	9+576	VARIABLES SEE LAYOUT	45		15	109	COLD PLANE 60, LEVEL & OVERLAY
	9+576	9+625	VARIABLES SEE LAYOUT	45		15	28	COLD PLANE 25, LEVEL & OVERLAY, BRIDGE #7
	9+625	9+735	VARIABLES SEE LAYOUT	45		15	87	COLD PLANE 60, LEVEL & OVERLAY
	9+735	9+800	VARIABLES SEE LAYOUT	45		15	31	COLD PLANE 60, LEVEL & OVERLAY
	9+800	11+295	2.9-3.3-3.3-2.9	45		15	667	COLD PLANE 60, LEVEL & OVERLAY
		11+295	11+360	VARIABLES SEE LAYOUT	45		15	40

URBAN AREA - SEED MIXTURE

% MASS	kg/ha	NAME	PUR %	GERM %
42.5	38	CREeping RED FESCUE	98	85
10.0	9	PERENNIAL RYE GRASS	95	90
42.5	38	KENTUCKY BLUE GRASS	85	85
5.0	5	ANNUAL RYE GRASS	95	85
100.0	90			

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

SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS 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 PLACED 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 TYPICAL SHEET #1

PROJECT NAME: BRATTLEBORO
PROJECT NUMBER: ST-STP 2303(1)S

FILE NAME: /PAVE/01D026/PD026.dgn
PROJECT LEADER: WRH
DESIGNED BY:
CLD REF. NO.: pd026+yp1.i
PLOT DATE: \$DATE\$
DRAWN BY: JAC
CHECKED BY: NLL
SHEET _2_ OF 55_

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED