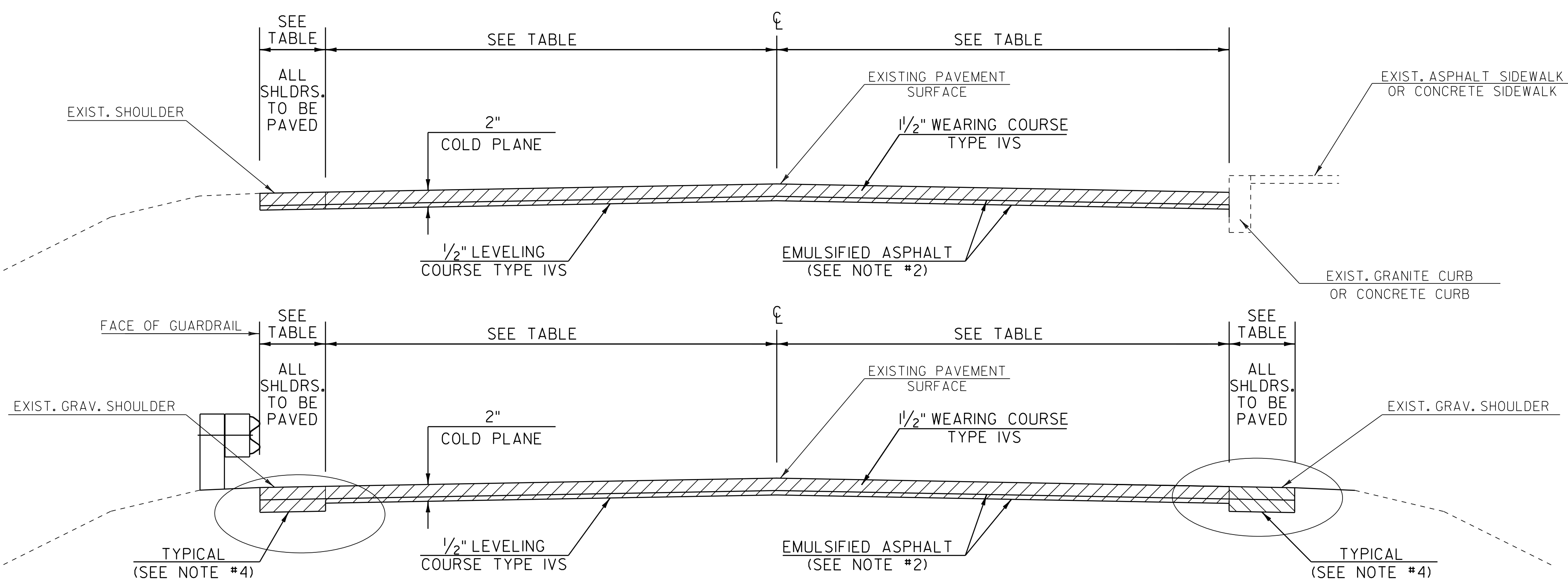


GENERAL NOTES:

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS. THE LEVELING COURSE SHALL BE TYPE IVS, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL PG BINDER USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 490 GENERAL SPECIAL PROVISIONS.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR RENTAL, TYPE I. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE DONE BEFORE THE LEVELING COURSE IS PAVED TO ALLOW ALL OF THE LIFTS OF PAVEMENT THROUGHOUT THE WIDENED AREA. SEE TABLE BELOW FOR EXISTING PAVEMENT WIDTHS.
5. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.
6. BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS PUBLIC AND / OR PRIVATE DRIVES AND PERMITTED DRIVES), SHALL BE PAID FOR UNDER ITEM 900.675, SPECIAL PROVISION (HAND - PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES), BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, SHALL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR BITUMINOUS CONCRETE PAVEMENT.
7. ALL EDGES OF PAVEMENT, TREATED TIMBER CURB AND BITUMINOUS CURB AT GUARDRAIL LOCATIONS SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13, AGGREGATE SHOULDERS, RAP. ANY ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
8. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.13, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
9. ITEM 604.40, 604.412, 604.415 AND 604.418 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE LAYOUT SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
10. GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
11. INSTALL NEW SIGNS, AS SHOWN ON THE PAVING LAYOUTS, ON SQUARE STEEL SIGN POSTS.
12. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR THE EXCAVATION OF UNPAVED SHOULDERS AND REMOVING BUILT UP SAND, SOD ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER. AN ESTIMATED QUANTITY OF ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I. ITEM 608.37, TRUCK RENTAL AND ITEM 608.40, LOADER RENTAL, TYPE I HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL FLARES. 26 CUBIC YARDS OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR FLARE CONSTRUCTION. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF DITCHING MATERIAL OR TOPSOIL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ITEM 653.20, TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL FLARE. THE QUANTITIES REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
13. IN AREAS OF HEAVY TIRE RUTTING AND DEFICIENT CROSS SLOPE OF THE ROAD, SPOT LEVELING WITH ITEM 490.30 TYPE IIS WILL BE REQUIRED PRIOR TO PAVING, AT LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.
14. POTHOLES SHALL BE REPAIRED WITH ITEM 402.13, AGGREGATE SHOULDERS, RAP OR 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER.
15. ALL SIDE ROADS ARE TO BE PAVED 25 FEET FROM THE EDGE OF MAINLINE UNLESS OTHERWISE SPECIFIED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.



COLD PLANE TYPICAL SECTION

NOT TO SCALE

BRATTLEBORO, US ROUTE 5 - 157+97 TO 289+82
 DUMMERSTON, US ROUTE 5 - D 0+00 TO D 278+73
 PUTNEY, US ROUTE 5 - P 0+00 TO P 43+05
 PUTNEY STATE HIGHWAY - 0+00 TO 15+06
 PUTNEY SH APPROACH - 0+60 TO 3+51

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	SHOULDER	LANE TYPICAL	SHOULDER	WEARING DEPTH (in)	LEVELING DEPTH	TYPE	NOTES
US ROUTE 5 BRATTLEBORO	157+97	170+30	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	170+30	173+84	VARIES	11.0-11.0	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 8
	173+84	198+85	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	198+85	225+74	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	225+74	231+21	VARIES	12.0-12.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	231+21	241+01	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	241+01	241+36	VARIES	(4) 12' LANES	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 10
	241+36	252+00	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	252+00	277+53	VARIES	12.0-12.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	277+53	280+59							NO TREATMENT, BRIDGE 10B
280+59	289+82	VARIES	12.0-12.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY	
DUMMERSTON	D 0+00	D 2+00	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	D 2+00	D 278+73	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
PUTNEY	P 0+00	P 9+30	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 9+30	P 12+20	VAREIS	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 12+20	P 34+40	8.0	14.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 34+40	P 35+56	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 35+56	P 36+19	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 36+19	P 36+73	VARIES	11.0-11.0	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 15
	P 36+73	P 43+05	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
BRATTLEBORO S.H.	B 0+47	B 0+78	VARIES	(4) 12' LANES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	B 0+78	B 0+98	VARIES	(4) 12' LANES	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE
	B 0+98	B 3+15	VARIES	(4) 12' LANES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
VT 9	B 4+85	B 6+30	VARIES	(4) 12' LANES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
PUTNEY S.H.	0+00	3+39	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	3+39	5+56	4	11.0-11.0	4	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 13
	5+56	12+75	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	12+75	15+06	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
PUTNEY S.H. APPROACH	0+60	3+51	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY

PROJECT TYPICAL SHEET 1

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(1)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NULL

IPARM FILE NAME: 01C032.04

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NULL/PTS

SHEET 4 OF 118