



• COLD PLANE 2" LEVEL WITH 1/2", TYPE IVS, AND PAVE WITH 1 1/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IVS.

GENERAL NOTES

- COLD PLANE, LEVEL AND PAVE MAINLINE AND RAMPS AS NOTED IN PROJECT PAVING LIMITS TABLE. PAVING SHALL BE COMPLETED AS SHOWN ON THE TYPICALS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN BITUMINOUS CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 490 OF THE GENERAL SPECIAL PROVISIONS.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVELING COURSE).
- COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL SECTION OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL RAMP APPROACHES AS NOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.
- ESTIMATED QUANTITIES OF ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I, 608.37, TRUCK RENTAL AND 608.40, LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL FLARES. 25 CUBIC YARDS OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR FLARES. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF DITCHING MATERIAL OR ITEM 651.35, 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 INCLUDED REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
- 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 402.13, AGGREGATE SHOULDERS, RAP.
- ITEMS 604.412, .415 AND .418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, & III ARE ESTIMATED AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL DROP INLETS AND CATCH BASINS SHALL BE RAISED OR REHABILITATED SUCH THAT THE GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- COMPACTION, GRADING AND CLEAN UP ITEM 402.13, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- AREAS ADJACENT TO THE SHOULDER, WHERE GUARDRAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED TO ALLOW THE SHOULDER TO DRAIN. PAYMENT IS TO BE INCLUDED UNDER ITEM 203.40, SHOULDER BERM REMOVAL. ALL OTHER AREAS, AS NECESSARY, WITH BUILT UP EXCESS MATERIAL SHALL BE GRADED TO ALLOW THE SHOULDER TO DRAIN, SHALL BE INCLUDED UNDER ITEM 608.15, POWER GRADER RENTAL.
- ALL DELINEATORS WITHIN THE PROJECT LIMITS ARE TO BE REPLACED. THIS WORK WILL BE PAID FOR UNDER ITEMS 676.10, DELINEATOR WITH STEEL POST AND 676.12, REMOVAL OF EXISTING DELINEATOR.
- NO NIGHT PAVING WILL BE ALLOWED EXCEPT AS REQUIRED ON INTERCHANGES 6 AND 7.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID THE ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES AND EXPANSION JOINTS. THE CONTRACTOR SHALL EXAMINE THESE FEATURES ON A REGULAR BASIS TO ENSURE THAT DEBRIS HAS NOT ACCUMULATED. ANY DEBRIS WHICH IS PRESENT SHALL BE REMOVED PRIOR TO THE COMPLETION OF THE PROJECT BY THE CONTRACTOR AT NO COST TO THE STATE.
- WEIGH STATION/REST AREAS, INCLUDING THE RAMPS TO THESE, SHALL NOT BE TREATED.

MAINLINE TYPICAL SECTION - NB

WESTMINSTER:		ROCKINGHAM:		SPRINGFIELD:	
29.995 TO 31.000	31.105 TO 31.291	31.291 TO 33.641	33.671 TO 35.196	39.188 TO 40.911	40.954 TO 41.232
		35.231 TO 35.425	35.592 TO 39.188	41.296 TO 41.542	41.558 TO 41.676
				41.720 TO 44.905	

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LEFT SHOULDER	LANE TYPICAL	RIGHT SHOULDER	WEARING DEPTH	LEVELING	NOTES
I-91 NB WESTMINSTER	29.995	31.000	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	31.000	31.105	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 21N
	31.105	31.291	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
ROCKINGHAM	31.291	33.641	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	33.641	33.671	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 22N
	33.671	35.196	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	35.196	35.231	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 23N
	35.231	35.425	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	35.425	35.592	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 24N
SPRINGFIELD	35.592	39.188	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	39.188	40.911	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	40.911	40.954	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 25N
	40.954	41.232	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	41.232	41.296	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 26N
	41.296	41.542	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
EXIT 6 NB OFF RAMP A	41.542	41.558	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 27N
	41.558	41.676	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	41.676	41.720	3	12-12	3	1 1/4" IVS		COLD PLANE 1 1/4" AND OVERLAY 1 1/4", BRIDGE 28N
	41.720	44.905	4	12-12	10	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.096	0.106	VARIES	16	3	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
NB ON RAMP B	0.106	0.340	4	16	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.340	0.345	4	16	VARIES	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.345	0.459	4	16	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.459	0.495	4	VARIES	VARIES	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.045	0.055	VARIES	16	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
NB ON RAMP F	0.055	0.108	4	16	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.108	0.137	VARIES	VARIES	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.137	0.150	4	16	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.150	0.188	4	16	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
0.009	0.022	4	20	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY	
EXIT 7 NB OFF RAMP C	0.068	0.082	VARIES	VARIES	VARIES	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.082	0.174	4	16	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.174	0.248	4	16	3	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.248	0.270	VARIES	VARIES	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.270	0.333	4	16	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.333	0.360	4	16	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
0.270	0.346	4	16	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY	
NB ON RAMP D	0.028	0.035	VARIES	15	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.035	0.100	3	15	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.100	0.125	4	VARIES	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
	0.125	0.258	4	16	1	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY
0.054	0.100	4	VARIES	4	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL AND OVERLAY	

NOT TO SCALE

PROJECT TYPICAL SHEET 1

PROJECT NAME: WESTMINSTER-SPRINGFIELD	FILE NAME: /pave/01a014/pa014	PLOT DATE: 17-JAN-2013 12:43
PROJECT NUMBER: IM 091-1(62)	PROJECT LEADER: PTS	DRAWN BY: JBZ
	DESIGNED BY: NLL	CHECKED BY: PTS
	IPARM FILE NAME: 01a014_04	SHEET 4 OF 43