



**MAINLINE TYPICAL SECTION**

(NB BARREL SHOWN; MIRROR IMAGE FOR SB BARREL)

MONTPELIER  
 STA 2801+04 (M.M. 53.05) TO STA 2856+32 (M.M. 54.097) SB  
 STA 2800+72 (M.M. 53.044) TO STA 2856+32 (M.M. 54.097) NB  
 MIDDLESEX  
 STA 2856+32 (M.M. 54.097) TO STA 3214+62 (M.M. 60.883) SB & NB  
 WATERBURY  
 STA 3214+62 (M.M. 60.883) TO STA 3356+19 (M.M. 63.564) SB  
 STA 3214+62 (M.M. 60.883) TO STA 3300+00 (M.M. 62.50) NB

**PROJECT PAVING LIMITS**

TOWN	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	NOTES
INTERSTATE-89					
SOUTHBOUND					
MONTPELIER	2801+04	2817+04	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
MONTPELIER	2817+04	2825+80	3' -12' -12' -3'	1 1/4''	DO NOT COLD PLANE BRIDGE # 42S
MONTPELIER	2825+80	2856+34	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
MIDDLESEX	2856+34	2893+16	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
MIDDLESEX	2893+16	2894+71	3' -12' -12' -3'	1 1/4''	DO NOT COLD PLANE BR # 43-S
MIDDLESEX	2894+71	3099+38	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
MIDDLESEX	3099+38	3100+45	4' -12' -12' -10'	1 1/4''	COLD PLANE 1 1/4'', OVERLAY 1 1/4'' BR # 45-S
MIDDLESEX	3100+45	3214+63	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
WATERBURY	3214+63	3353+12	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
WATERBURY	3353+12	3356+19	2' -12' -12' -2'	1 1/4''	COLD PLANE 1 1/4'', OVERLAY 1 1/4'' BR # 46-S
RAMPS	EXIT 8 SB OFF		4' -16' -4'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	EXIT 9 SB OFF		4' -16' -4'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	EXIT 9 SB ON		4' -16' -4'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
NORTHBOUND					
MONTPELIER	2800+72	2817+04	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	2817+04	2825+80	3' -12' -12' -3'	1 1/4''	COLD PLANE 1 1/4'', OVERLAY 1 1/4'' BR # 42-N
	2825+80	2856+34	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
MIDDLESEX	2856+34	2893+16	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	2893+16	2894+71	2' -12' -12' -2'	1 1/4''	COLD PLANE 1 1/4'', OVERLAY 1 1/4'' BR # 43-N
	2894+71	3099+38	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	3099+38	3100+45	4' -12' -12' -10'	1 1/4''	COLD PLANE 1 1/4'', OVERLAY 1 1/4'' BR # 45-N
	3100+45	3214+63	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
WATERBURY	3214+63	3300+00	4' -12' -12' -10'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
RAMPS	EXIT 8 NB ON		4' -16' -4'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	EXIT 9 NB OFF		4' -16' -4'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''
	EXIT 9 NB ON		4' -16' -4'	1 1/2''	COLD PLANE 1 1/2'', OVERLAY 1 1/2''

**NOTES:**

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS AS SHOWN ON THE TYPICALS, ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES AND ON COLD PLANED SURFACES, AT THE RATE OF 0.015 GAL./SY. OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS).
4. 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 AND AT ALL RAMP APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
5. AN ESTIMATE QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING MTS FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER (MOD.) MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 26 CUBIC YARDS OF EARTH BORROW AND 6 TONS OF AGGREGATE SHOULDER (MOD.) MATERIAL FOR EACH GUARDRAIL TERMINAL.
6. 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).
7. ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

**CONSERVATION SEED MIX**

RURAL AREA - SEED MIXTURE

% WT.	LBS. / A.	NAME	PUR %	GERM %
37.14	26	CREeping RED FESCUE	98	85
37.14	26	TALL FESCUE	95	90
5.71	4	RED TOP	95	90
14.30	10	BIRDSFOOT TREFoil	98	85
5.71	4	ANNUAL RYE GRASS	95	85
100.00	70			

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 FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER:  
 FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:  
 TO BE APPLIED AT THE RATE OF 2 TONS / ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:  
 TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 2 TONS / ACRE 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: MONTPELIER - WATERBURY	PLOT DATE: 11-APR-2005 10:16
PROJECT NUMBER: IM 089-2(34)	DRAWN BY:
FILE NAME: /pave/03a026/03a026.dgn	CHECKED BY:
DESIGNED BY:	SHEET 2 OF 23
IPARM NAME: p03a026p1.l	

NOT TO SCALE