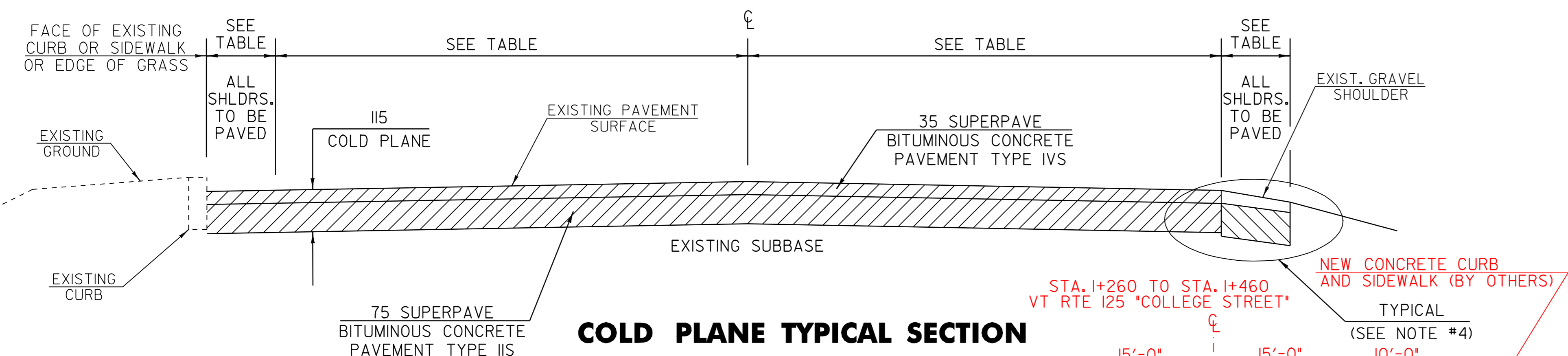


**COLD PLANE TYPICAL SECTION**

NOT TO SCALE

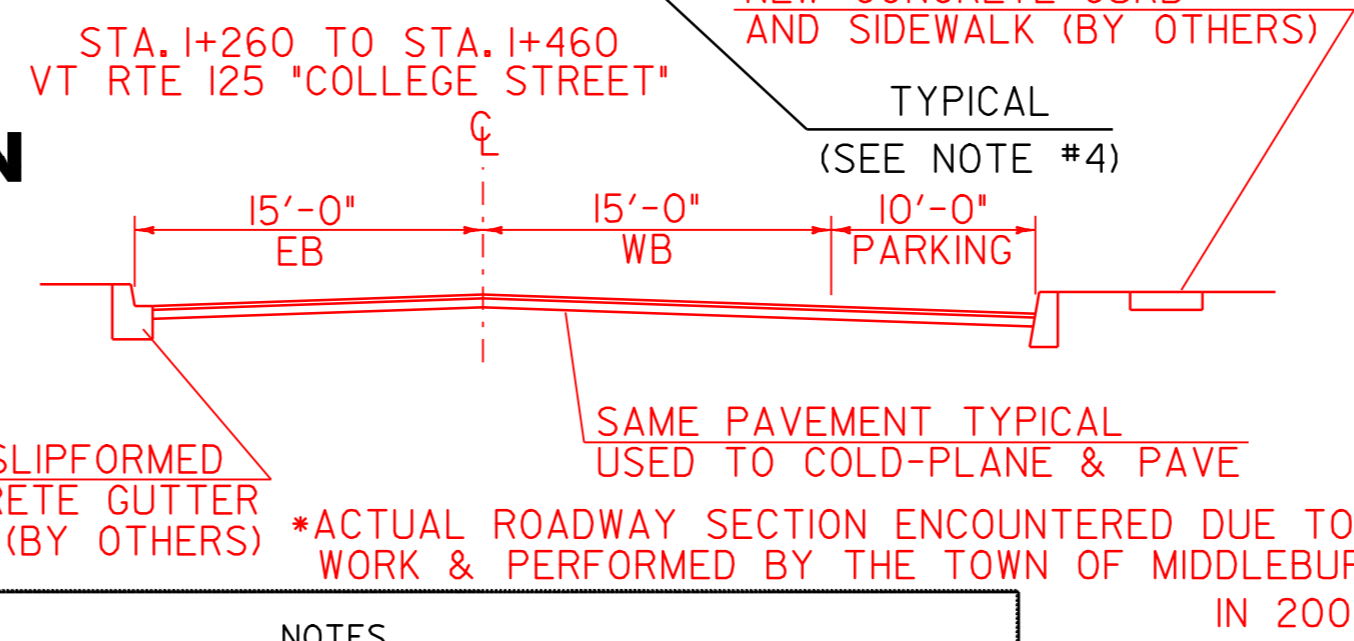
MIDDLEBURY  
 STA 0+885 TO STA 2+897 VT RTE 30  
 STA 0+538 TO STA 1+210 VT RTE 125



**COLD PLANE TYPICAL SECTION**

NOT TO SCALE

MIDDLEBURY  
 STA 1+210 TO STA 1+624 VT RTE 125



**PROJECT PAVING LIMITS**

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BASE DEPTH (mm)	LEVELING DEPTH (mm)	TOTAL (+)	NOTES
MIDDLEBURY VT RTE 30	0+885	0+924	0.2-3.3-3.3-0.2	35		15	10	COLD PLANE 50, LEVEL AND OVERLAY
	0+924	0+942	VARIES SEE LAYOUT	35		15	5	COLD PLANE 50, LEVEL AND OVERLAY
	0+924	1+315	0.4-3.3-3.3-0.4	35		15	99	COLD PLANE 50, LEVEL AND OVERLAY
	1+315	1+341	VARIES SEE LAYOUT	35		15	7	COLD PLANE 50, LEVEL AND OVERLAY
	1+341	1+435	0.6-3.3-3.3-0.6	35		15	26	COLD PLANE 50, LEVEL AND OVERLAY
	1+435	1+532	0.7-3.3-3.3-0.7	35		15	28	COLD PLANE 50, LEVEL AND OVERLAY
	1+532	1+550	VARIES SEE LAYOUT	35		15	6	COLD PLANE 50, LEVEL AND OVERLAY
	1+550	1+641	0.7-3.3-3.3-2.5	35		15	32	COLD PLANE 50, LEVEL AND OVERLAY
	1+641	1+644	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+644	1+683	0.4-3.3-3.3-1.6	35		15	12	COLD PLANE 50, LEVEL AND OVERLAY
	1+683	1+687	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+687	1+788	0.4-3.3-3.3-2.8	35		15	36	COLD PLANE 50, LEVEL AND OVERLAY
	1+788	1+791	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+791	1+840	0.4-3.3-3.3-1.4	35		15	15	COLD PLANE 50, LEVEL AND OVERLAY
	1+840	1+844	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+844	1+914	0.4-3.3-3.3-2.8	35		15	25	COLD PLANE 50, LEVEL AND OVERLAY
	1+914	1+935	VARIES SEE LAYOUT	35		15	7	COLD PLANE 50, LEVEL AND OVERLAY
1+935	2+286	0.4-3.3-3.7-2.4	35		15	124	COLD PLANE 50, LEVEL AND OVERLAY	
2+286	2+316	VARIES SEE LAYOUT	35		15	12	COLD PLANE 50, LEVEL AND OVERLAY	
2+316	2+897	VARIES SEE LAYOUT	35		15	328	COLD PLANE 50, LEVEL AND OVERLAY	
VT RTE 125	0+538	0+641	0.4-3.6-3.6-0.4	35		15	30	COLD PLANE 50, LEVEL AND OVERLAY
	0+641	0+699	0.0-3.9-3.9-0.0	35		15	16	COLD PLANE 50, LEVEL AND OVERLAY
	0+699	0+704	VARIES SEE LAYOUT	35		15	2	COLD PLANE 50, LEVEL AND OVERLAY
	0+704	0+747	0.0-7.0-7.0-0.0	35		15	22	COLD PLANE 50, LEVEL AND OVERLAY
	0+747	0+750	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	0+750	0+851	0.0-3.9-3.9-0.0	35		15	28	COLD PLANE 50, LEVEL AND OVERLAY
	0+851	1+210	VARIES SEE LAYOUT	35		15	141	COLD PLANE 50, LEVEL AND OVERLAY
	1+210	1+624	VARIES SEE LAYOUT	35	75			COLD PLANE 115 (TO SUBBASE), 75 TYPE IIS, 35 TYPE IVS

**GENERAL NOTES:**

- THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS AND 15mm IN DEPTH AND THE BASE COURSE SHALL BE TYPE IIS, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE 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/m<sup>2</sup> OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE 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 RESIDENT 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 RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED.
- 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 BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE (PG 64-28).
- ALL DRIVES WILL BE PAVED TO THE SIDEWALK AND MAILBOX TURNOUTS SHALL RECEIVE A 1 METER PAVED APRON AT THE NECESSARY LOCATIONS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAVEMENT SHALL FEATHER APRON OVER THE EXISTING SURFACE.
- 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.
- ALL BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL 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 64-28).
- 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.
- 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 402.13 AGGREGATE SHOULDERS, RAP.
- ITEM 604.40 AND 604.42 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS ON THE LAYOUT SHEETS AS DIRECTED BY THE RESIDENT ENGINEER. ALL D'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- 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 (PG 64 28).
- ALL DRIVES SHALL RECEIVE A PAVED APRON TO THE SIDEWALK AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 210.10 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28). QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
- ANY GRADING REQUIRED PRIOR TO PAVING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE INCIDENTAL TO ITEM 608.15, POWER GRADER RENTAL.
- SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES MANUFACTURED BY NEENAH FOUNDRY OR ANOTHER EQUAL CAST IRON PRODUCT FROM THE AGENCY'S APPROVED PRODUCTS LIST. COLOR SHALL BE GRAY.

**PROJECT TYPICAL SHEET 1**

PROJECT NAME:	MIDDLEBURY	PLOT DATE:	06-OCT-2008 13:0
PROJECT NUMBER:	STP 2304(I)S	DRAWN BY:	MRS
FILE NAME:	/pave/01d048/pd048.dgn	CHECKED BY:	NLL
PROJECT LEADER:	PTS	SHEET	10 OF 103
IPARM FILE NAME:	pd048+ty01.i		

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED