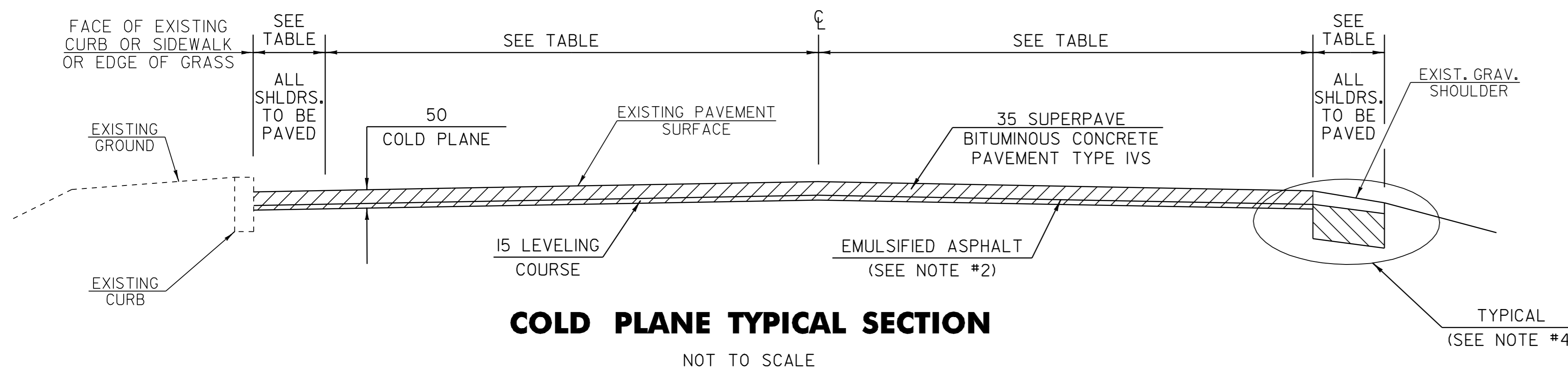


### GENERAL NOTES:

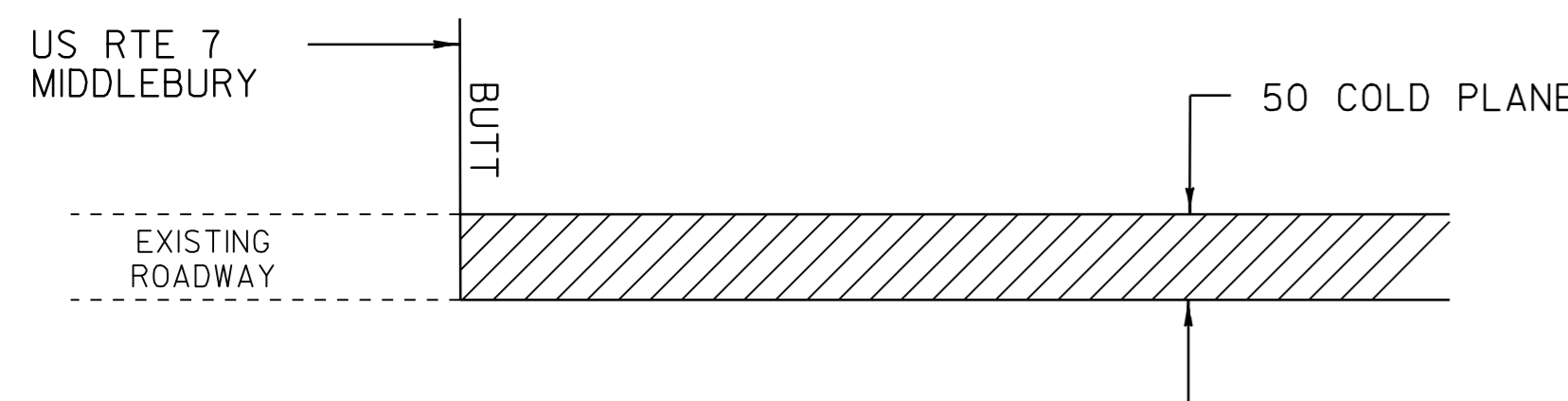
- THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS AND 15mm IN DEPTH, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE (PG 64-28).
- EMULSIFIED ASPHALT SHALL 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 ITEM 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 PAVEMENT (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. PAVER 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.I3, 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.I3, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- ITEM 604.40 IS ESTIMATED AND SHALL BE PERFORMED AT LOCATIONS ON THE LAYOUT SHEETS AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATIONS 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).
- 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.I3 AGGREGATE SHOULDERS, RAP.
- 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.



### COLD PLANE TYPICAL SECTION

NOT TO SCALE

MIDDLEBURY  
 STA 6+851.0 TO STA 7+071.00 US ROUTE 7  
 STA 7+971.0 TO STA 9+136.25 US ROUTE 7

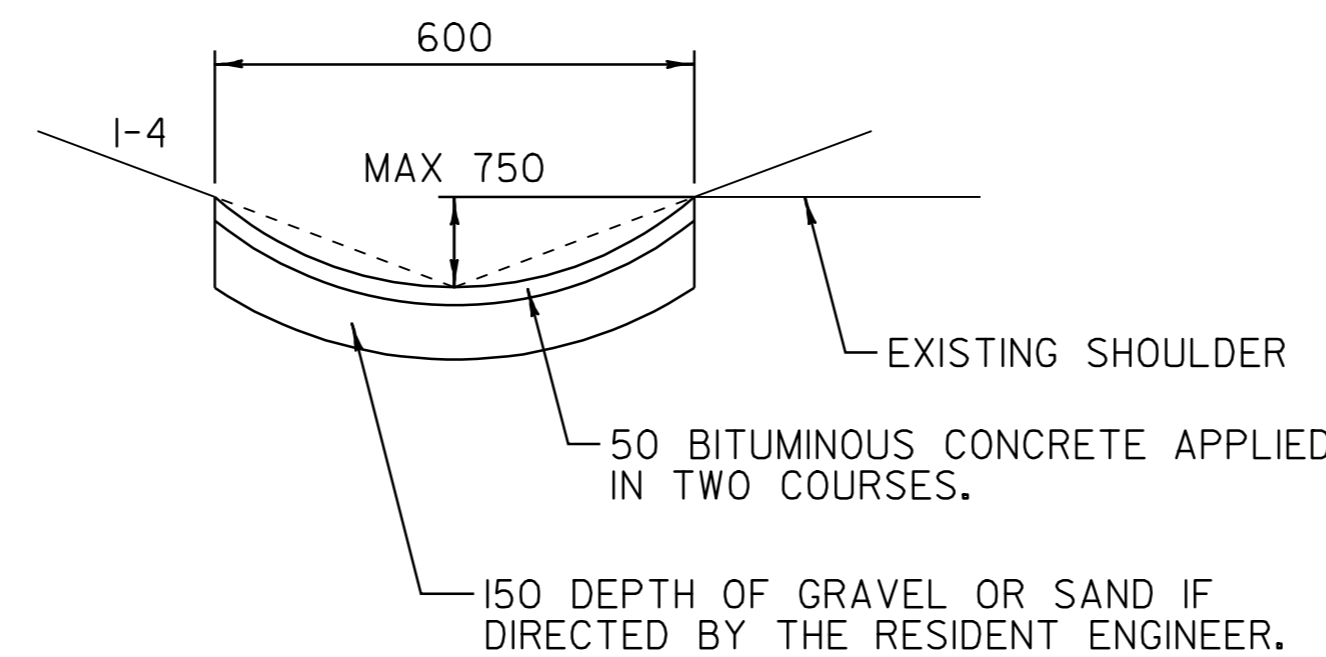


### APPROACH AREA DETAIL

NOT TO SCALE

LOCATION

- STA 6+851 US RTE 7 - BEGIN COLD PLANE
- STA 7+071 US RTE 7 - STOP COLD PLANE
- STA 7+971 US RTE 7 - RESUME COLD PLANING
- STA 8+010 US RTE 7 (TH 06) - END COLD PLANING
- STA 8+327 US RTE 7 (SA 07) - END COLD PLANING
- STA 8+332 US RTE 7 (TH 71) - END COLD PLANING
- STA 8+522 US RTE 7 (TH 75) - END COLD PLANING
- STA 8+529 US RTE 7 (TH 72) - END COLD PLANING
- STA 9+076 US RTE 7 (TH 74) - END COLD PLANING
- STA 9+136.25 US RTE 7 - END COLD PLANING
- STA 1+045 US RTE 7 (SA 08) - END COLD PLANING
- STA 1+049 US RTE 7 (TH 47) - END COLD PLANING



### BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

NOT TO SCALE

LOCATION

STA 8+675 TO 8+722 RT  
 STA 8+840 TO 9+133 LT

### PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BASE DEPTH (mm)	LEVELING DEPTH (mm)	TOTAL (T)	NOTES
MIDDLEBURY	6+851	7+071	VARIES SEE LAYOUT	35		15	96	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
US RTE 7	7+971	8+602	VARIES SEE LAYOUT	35		15	291	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
	8+602	9+028	0.7-3.3-3.3-0.7	35		15	123	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
	9+028	9+137	VARIES SEE LAYOUT	35		15	32	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
	1+018	1+110	VARIES SEE LAYOUT	35		15	38	COLD PLANE 50, LEVEL 15 AND OVERLAY 35

### SEEDING FORMULA URBAN AREA

% MASS	kg/ha	NAME	PUR %	GERM %
42.5	38.0	CREeping RED FESCUE	98	85
10.0	9.0	PERENNIAL RYE GRASS	95	90
42.5	38.0	KENTUCKY BLUE GRASS	85	85
5.0	5.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS AND SHALL BE FREE OF ALL NOXIOUS 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 THE 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: MIDDLEBURY	PROJECT NUMBER: NH 2603(I)S
FILE NAME: /pave/06b032/p06b032.dgn	PLOT DATE: 06-OCT-2008 13:11
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: p06b032+sl1	SHEET 58 OF 103

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED