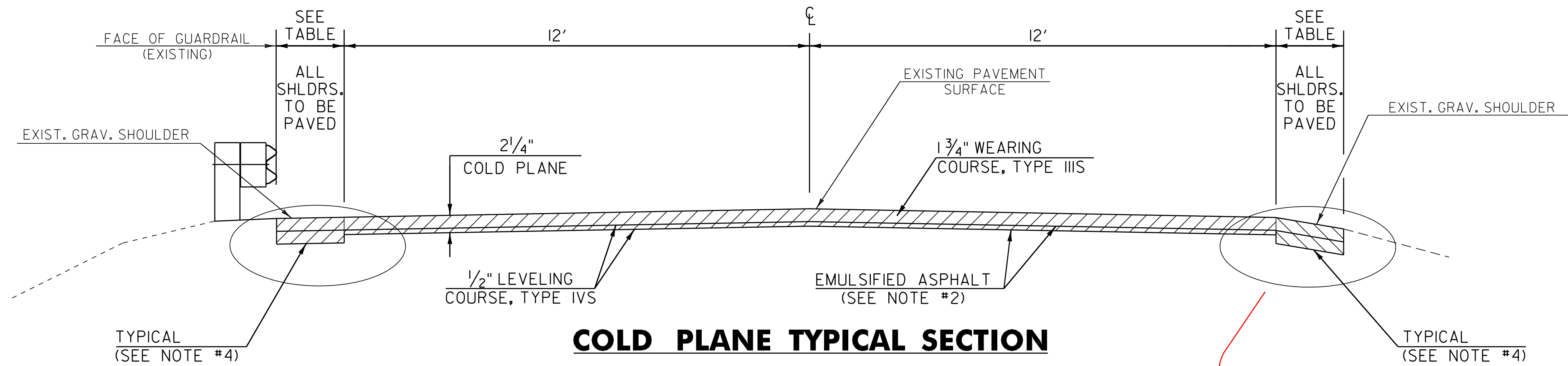


# GENERAL NOTES

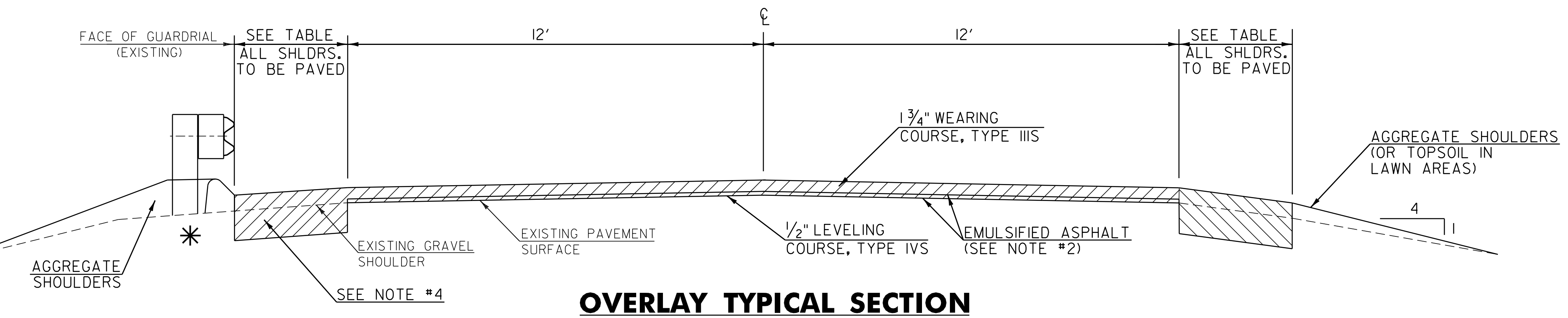
- THE PAVEMENT WEARING COURSE SHALL BE TYPE IIIS, THE LEVELING COURSE SHALL BE TYPE IVS AND 1/2" IN DEPTH, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SHOWN ON TITLE SHEET.
- EMULSIFIED 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.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" +/- 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 30I.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 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.
- ALL DRIVES, TOWN HIGHWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A MINIMUM 4' PAVED APRON PER SPECIAL PROVISIONS 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.I2, AGGREGATE SHOULDERS AND 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.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 30I.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.I2, AGGREGATE SHOULDERS, ITEM 402.I3, AGGREGATE SHOULDERS, RAP, AND ITEM 65I.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- ITEMS 604.4I2, 604.4I5, 604.4I8 REHAB. DI, CB OR MH, CLASS I, II OR III 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 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.
- YIELDING MARKER POSTS SHALL BE PLACED TO MARK INLET AND OUTLETS OF CROSS PIPES ONLY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH THE PROJECT, SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE DITCH CLEANING DETAIL SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
- ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. 25 CUBIC YARDS OF EARTH MATERIAL HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THE 1-6 CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.



## COLD PLANE TYPICAL SECTION

ROCKINGHAM, VT ROUTE 103 - STA 0+53 TO 29+05

**SHOULDER RECONSTRUCTED**  
 STA 0+53 LT - 8+87 LT  
 STA 15+42 LT - 19+36 LT  
 STA 25+54 LT - 27+13 LT  
 STA 0+53 RT - 1+69 RT  
 STA 4+52 RT - 19+16 RT  
 STA 23+03 RT - 27+85 RT



## OVERLAY TYPICAL SECTION

ROCKINGHAM, VT ROUTE 103 - 29+05 TO 356+54  
 CHESTER, VT ROUTE 103 - C 0+00 TO C 105+60

TOWN	BEGIN STATION	END STATION	SHOULDER	LANE TYPICAL	SHOULDER	WEARING DEPTH	WEARING TYPE	LEVEL DEPTH	LEVEL TYPE	NOTES
ROCKINGHAM										
VT ROUTE 103	0+53	3+00	10.0	12.0-12.0-11.0	2.0	1 3/4"	IIIS	1/2"	IVS	COLD PLANE 2 1/4", LEVEL AND OVERLAY 2 1/4"
	3+00	4+38	10.0	12.0-12.0	VARIES	1 3/4"	IIIS	1/2"	IVS	COLD PLANE 2 1/4", LEVEL AND OVERLAY 2 1/4"
	4+38	13+95	VARIES	12.0-12.0	VARIES	1 3/4"	IIIS	1/2"	IVS	COLD PLANE 2 1/4", LEVEL AND OVERLAY 2 1/4"
	13+95	22+65	10.0	12.0-12.0	10.0	1 3/4"	IIIS	1/2"	IVS	COLD PLANE 2 1/4", LEVEL AND OVERLAY 2 1/4"
	22+65	27+33	VARIES	VARIES-12.0	10.0	1 3/4"	IIIS	1/2"	IVS	COLD PLANE 2 1/4", LEVEL AND OVERLAY 2 1/4"
	27+33	29+05	10.0	12.0-12.0	10.0	1 3/4"	IIIS	1/2"	IVS	COLD PLANE 2 1/4", LEVEL AND OVERLAY 2 1/4"
	29+05	126+40	10.0	12.0-12.0	10.0	1 3/4"	IIIS	1/2"	IVS	LEVEL AND OVERLAY 2 1/4"
	126+40	163+00	8.0	12.0-12.0	8.0	1 3/4"	IIIS	1/2"	IVS	LEVEL AND OVERLAY 2 1/4"
	163+00	164+34	VARIES	12.0-12.0	VARIES	1 3/4"	IIIS	1/2"	IVS	LEVEL AND OVERLAY 2 1/4"
	164+34	356+54	10.0	12.0-12.0	10.0	1 3/4"	IIIS	1/2"	IVS	LEVEL AND OVERLAY 2 1/4"
CHESTER										
VT ROUTE 103	C 0+00	C 98+76	10.0	12.0-12.0	10.0	1 3/4"	IIIS	1/2"	IVS	LEVEL AND OVERLAY 2 1/4"
	C 98+76	C 105+60	VARIES	12.0-12.0	VARIES	1 3/4"	IIIS	1/2"	IVS	LEVEL AND OVERLAY 2 1/4"

NOT TO SCALE

\* REVISED 02/04/09

### PROJECT TYPICAL 1

PROJECT NAME:	ROCKINGHAM-CHESTER
PROJECT NUMBER:	NH 2628(I)
FILE NAME:	06B224
PROJECT LEADER:	PTS
DESIGNED BY:	NULL
IPARM FILE NAME:	pb224ty01i
PLOT DATE:	31-AUG-2012 14:00
DRAWN BY:	MRS
CHECKED BY:	PTS
SHEET	3 OF 82