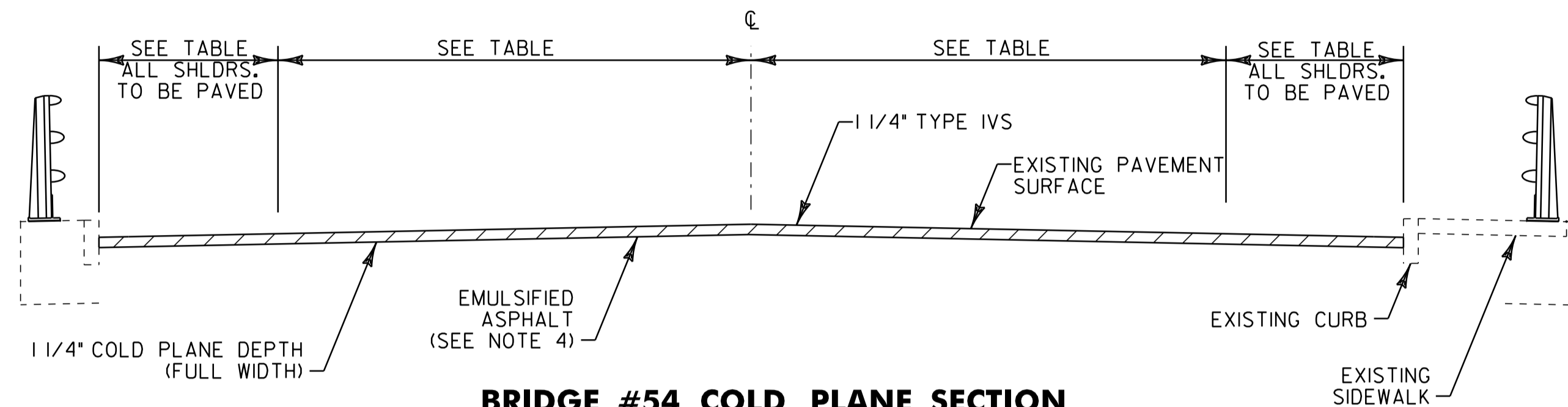


COLD PLANE TYPICAL SECTION

VT ROUTE 105 STA. 129+51.84 TO 149+88
 VT ROUTE 105 STA. 151+49 TO 163+99.68
 VT ROUTE 243 TROY STA. 45+77.76 TO 62+35.68



BRIDGE #54 COLD PLANE SECTION

VT ROUTE 105 STA. 149+88 TO 151+49
 SEE BRIDGE COLD PLANE DETAIL AND SPECIFIC NOTES ON SHEET 78.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING		NOTES
					TONS		
NORTH TROY VT ROUTE 105	129+51.84	130+32	VARIES - 11'-0" - 11'-0" - VARIES	1 1/2"	14		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 105	130+32	130+82	VARIES - 11'-0" - 11'-0" - VARIES	1 1/2"	5		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 105	130+82	132+57	VARIES - 11'-0" - 11'-0" - VARIES	1 1/2"	15		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 105	132+57	144+14	1'-0" - 11'-0" - 11'-0" - 1'-0"	1 1/2"	95		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 105	144+14	149+88	VARIES - 11'-0" - 11'-0" - VARIES	1 1/2"	56		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 105	149+88	151+49	5'-6" - 11'-0" - 11'-0" - 5'-6"	1 1/4"	-		BR54-COLD PLANE 1 1/4 AND PAVE WITH 1 1/4 TYPE IVS
NORTH TROY VT ROUTE 105	151+49	155+65	VARIES - 11'-0" - 11'-0" - VARIES	1 1/2"	39		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 105	155+65	163+99.68	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/2"	71		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
NORTH TROY VT ROUTE 243	45+77.76	62+35.68	VARIES - 11'-0" - 11'-0" - VARIES	1 1/2"	168		COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS

URBAN AREAS - SEED MIXTURE

% WT	LBS/A	NAME	PUR %	GERM %
42.5	34	CREeping RED FESCUE	98	85
10.0	8	PERENNIAL RYE GRASS	95	90
42.5	34	KENTUCKY BLUE GRASS	85	85
0	4	ANNUAL RYE GRASS	95	85
100	80			

SEED MIXTURE:
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT 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 500 LBS/ACRE. (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.

TEMPORARY EROSION MATTING (ITEM 653.20):
 TO BE PLACED ON EARTH SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL:
 TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOTES

- THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
- EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE ENGINEER.
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL COLD PLANE JOINT. SEE DETAIL ON SHEET 78.
- ALL EDGES OF PAVEMENT WITHIN THE COLD PLANE SECTION SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
- 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 BORROW HAVE BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES 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.
- ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEET 83 FOR DETAILS AND PAYMENT PROVISIONS.
- SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
- A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II, ITEM 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III AND ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES CALLING FOR REHAB HAVE BEEN EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415, AND 604.418 FOR ESTIMATING PURPOSES.



NOT TO SCALE

PROJECT TYPICAL SHEET

PROJECT NAME: NORTH TROY	
PROJECT NUMBER: STP 2620(1)	
FILE NAME: p06b208.dgn	PLOT DATE: 25-OCT-2011 14:03
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: MCF	CHECKED BY: JLL
IPARM FILE: p06b208pts.i	SHEET 77 OF 116