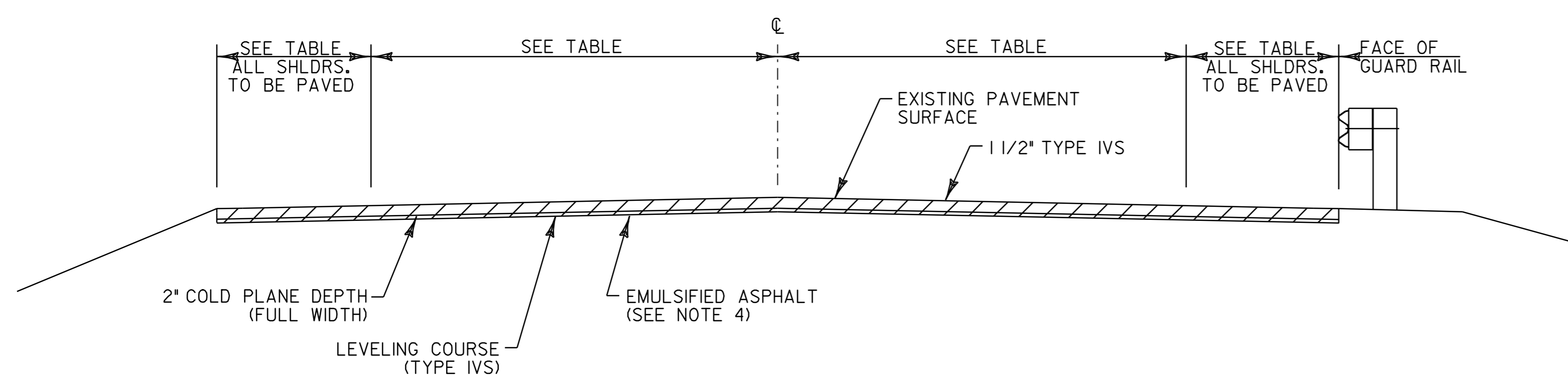


COLD PLANE & OVERLAY TYPICAL SECTION
VT ROUTE 25 BRADFORD STA. 332+48.16 TO TOPSHAM STA. 233+37.60



COLD PLANE & OVERLAY TYPICAL SECTION
VT ROUTE 25 TOPSHAM STA. 233+37.60 TO ORANGE STA. 16+31.52
U.S. ROUTE 302 ORANGE STA. 319+44 TO 322+03

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE 65 GYRATION 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 VAOT RESIDENT ENGINEER.
2. 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 VAOT RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4" (TOTAL THICKNESS EXCLUDING LEVELING).
4. 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 VAOT RESIDENT ENGINEER.
5. COLD PLANING TO BE COMPLETED ACCORDING TO THE 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 3.
6. BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS AROUND SEWER MANHOLES AND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
7. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE VAOT RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE VAOT RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR RENTAL, TYPE I. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.26 SUBBASE OF CRUSHED GRAVEL, FINE GRADED OR ITEM 301.40 SUBBASE, RAP AS DIRECTED BY THE VAOT RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE VAOT RESIDENT ENGINEER.
8. QUANTITIES FOR ITEMS 604.412, 604.415 AND 604.418 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I, II OR III HAVE BEEN INCLUDED IN THE QUANTITIES TO BE USED AS DIRECTED BY THE VAOT RESIDENT ENGINEER. ALL D'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN.
9. 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.
10. THE PROPOSED GUARDRAIL SHALL BE INSTALLED A MINIMUM OF 16 FEET FROM THE CENTER OF THE ROAD OR A DISTANCE THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL AS DIRECTED BY THE VAOT RESIDENT ENGINEER. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
11. ALL PUBLIC, PRIVATE OR FIELD DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS WHETHER BY HAND OR MECHANICAL METHODS SHALL BE PAID UNDER THE APPROPRIATE CONTRACT ITEM FOR BITUMINOUS CONCRETE PAVEMENT.
12. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE VAOT RESIDENT ENGINEER.
13. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE VAOT RESIDENT ENGINEER, AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
14. ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS 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.

VARIES PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
BRADFORD, VT ROUTE 25	332+48.16	356+49.7	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 1", LEVEL WITH TYPE IVS, THEN OVERLAY WITH 1 1/2" TYPE IVS
CORINTH, VT ROUTE 25	0+00.0	209+93.28	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 1", LEVEL WITH TYPE IVS, THEN OVERLAY WITH 1 1/2" TYPE IVS
TOPSHAM, VT ROUTE 25	0+00.0	233+37.60	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 1", LEVEL WITH TYPE IVS, THEN OVERLAY WITH 1 1/2" TYPE IVS
TOPSHAM, VT ROUTE 25	233+37.60	342+77.76	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY WITH 1 1/2" TYPE IVS
ORANGE, VT ROUTE 25	0+00.0	16+31.52	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY WITH 1 1/2" TYPE IVS
ORANGE, U.S. ROUTE 302	319+44	322+03	VARIES - SEE LAYOUT SHEET #40	1 1/2"	1/2"	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY WITH 1 1/2" TYPE IVS

← 332+48.16 - 333+48.16 COLD PLANE TRANSITION .5" TO 0" THEN OVERLAY 1.5"
333+48.16 - 356+49.7 OVERLAY 1.5"

← NO TREATMENT ON US 302

NOT TO SCALE



PROJECT TYPICAL SHEET #1

PROJECT NAME: BRADFORD - ORANGE	FILE NAME: p99b178.dgn	PLOT DATE: 28-MAY-2010 13:4
PROJECT NUMBER: SIP 2213(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: JLL	
IPARM FILE: p99b178pts01.i	SHEET 3	OF 84