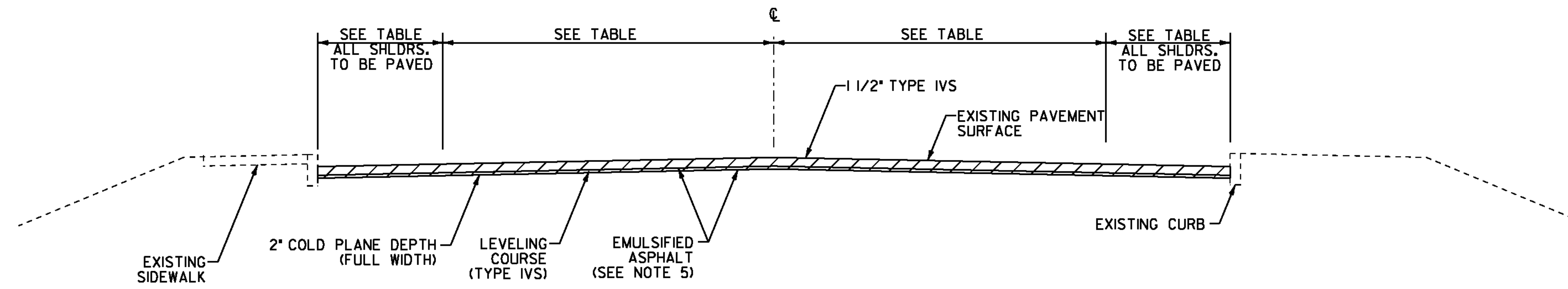


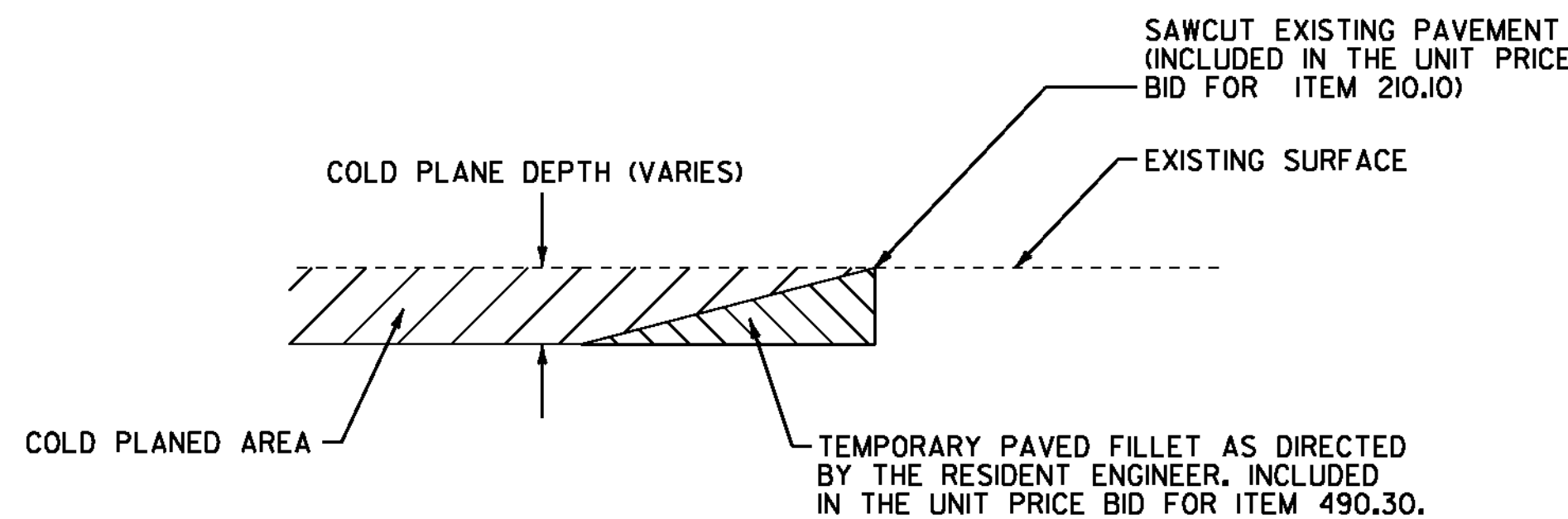
COLD PLANE TYPICAL SECTION - NON-CURBED

MONTPELIER STATE HIGHWAY STA. 0+00.00 TO 31+78, RT
MONTPELIER STATE HIGHWAY STA. 0+00.00 TO 37+65, LT



COLD PLANE TYPICAL SECTION - CURBED

MONTPELIER STATE HIGHWAY STA. 31+78 TO 37+65, RT
MONTPELIER STATE HIGHWAY STA. 37+65 TO 39+96.96, LT & RT

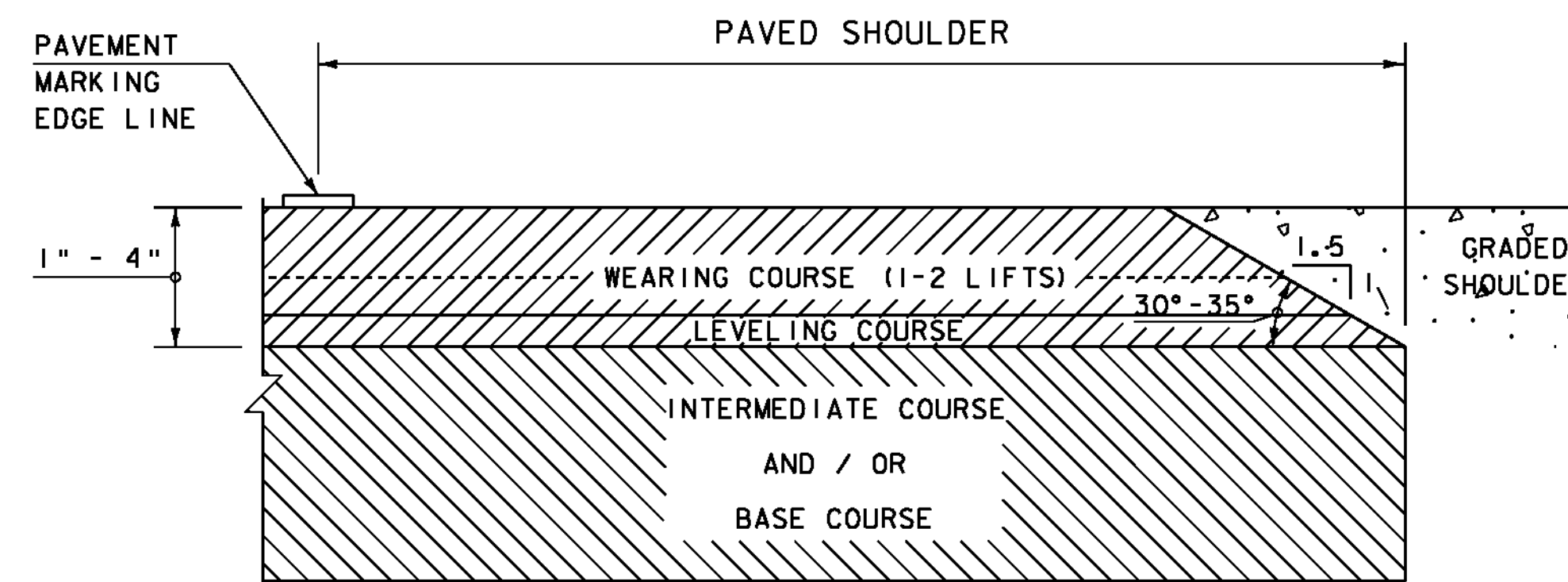


DETAIL AT VERTICAL COLD PLANE JOINTS

NOTE: THIS DETAIL SHALL BE USED AT THE LOCATIONS AND SIDE ROADS LISTED BELOW AS DIRECTED BY THE RESIDENT ENGINEER.

FULL ROADWAY WIDTH

- STA. 0+00.00 (BEGIN PROJECT)
- STA. 4+58, RT (I-89 NORTHBOUND OFF-RAMP)
- STA. 5+36, LT (I-89 NORTHBOUND ON-RAMP)
- STA. 15+99, LT (SLIP RAMP *N*)
- STA. 17+96, LT (SLIP RAMP *O*)
- STA. 19+85, LT (SLIP RAMP *M*)
- STA. 29+98, RT (NATIONAL LIFE DRIVE WESTBOUND)
- STA. 31+51, RT (NATIONAL LIFE DRIVE EASTBOUND)
- STA. 37+11, LT (GREEN MOUNTAIN DRIVE)
- STA. 39+96.96 (END PROJECT)



SAFETY EDGE DETAIL

NOT TO SCALE

NOTE: LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
MONTPELIER STATE HIGHWAY	0+00.00	6+56	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	6+56	8+46	10'-0" - 11'0" - 1'0" - 1'0" - 11'0" - 11'0" - 10'0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	8+46	16+00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	16+00	17+39	10'-0" - 11'0" - 11'0" - 1'0" - 1'0" - 11'0" - 11'0" - 11'0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	17+39	26+46	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	26+46	29+52	10'-0" - 11'0" - 11'0" - 1'0" - 1'0" - 11'0" - 11'0" - 7'0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	29+52	33+28	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	33+28	35+44	9'-0" - 11'0" - 11'0" - 1'0" - 1'0" - 11'0" - 11'0" - 2'0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	35+44	38+91	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER STATE HIGHWAY	38+91	39+96.96	2'-0" - 11'0" - 11'0" - 11'0" - 11'0" - 2'0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS

NOTES

1. 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 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 RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
4. EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE RESIDENT ENGINEER. SEE DETAIL ON THIS SHEET.
5. 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 RESIDENT ENGINEER.
6. 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 THIS SHEET.
7. 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 RESIDENT ENGINEER.
8. 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, 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.
9. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
10. ITEM 402.13 AGGREGATE SHOULDERS, RAP SHALL BE USED TO BACK UP EDGE OF PAVEMENT.

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
38	32	CREeping RED FESCUE	98	90
29	24	SPARTAN HARD FESCUE	95	85
15	12	AZAY SHEEP'S FESCUE	95	87
15	12	ANNUAL RYE GRASS	95	90
3	--	INERTS	--	--
100.0	80 LB/A			

NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- FERTILIZER ITEM 651.18: 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 ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT TYPICAL SHEET

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 290(1)

FILE NAME: p09b316.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p09b316pts.i

PLOT DATE: 26-MAY-2011
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 38 OF 79

