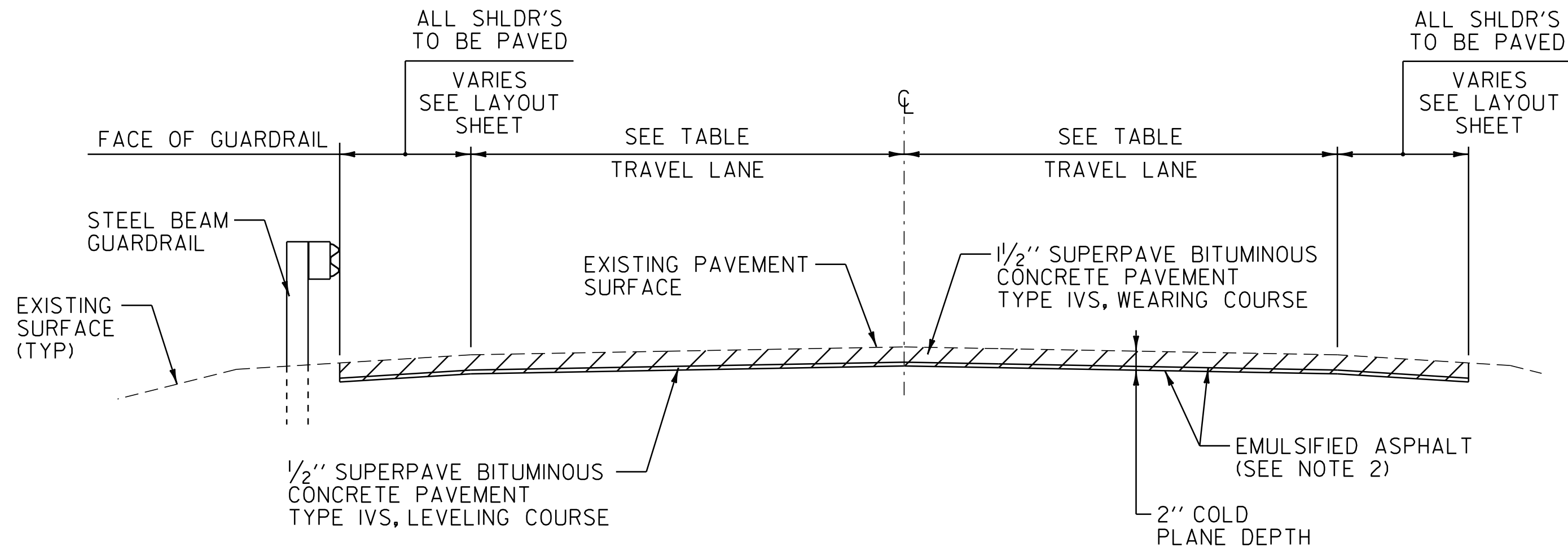


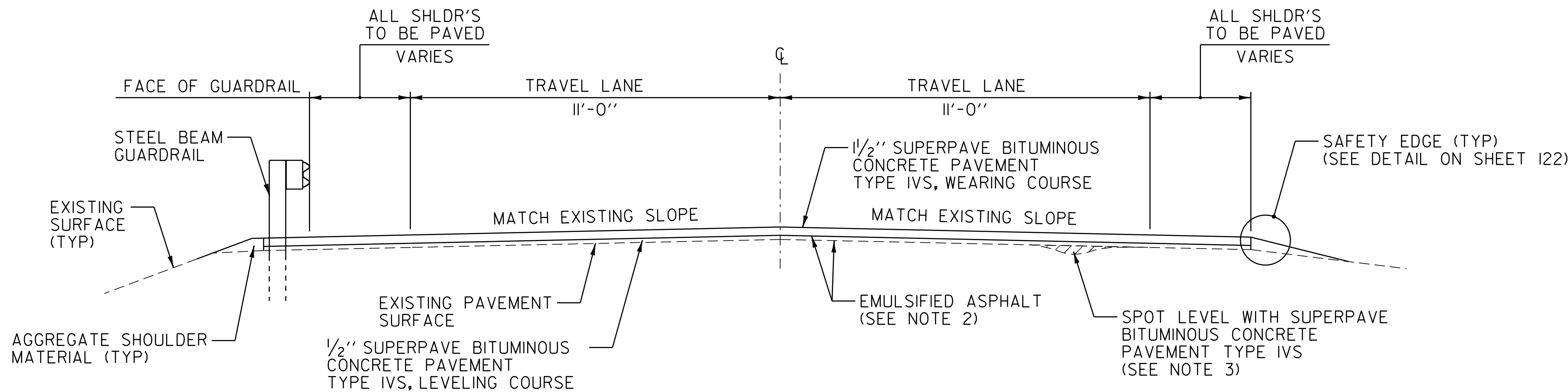
COLD PLANE TYPICAL SECTION

VT. ROUTE 30 CASTLETON STA 80+78.40 TO CASTLETON STA 83+20.00
 VT. ROUTE 30 CASTLETON STA 100+50.00 TO CASTLETON STA 120+50.00



COLD PLANE TYPICAL SECTION

VT. ROUTE 30 CASTLETON STA 83+20.00 TO CASTLETON STA 100+50.00
 VT. ROUTE 30 CASTLETON STA 120+50.00 TO CASTLETON STA 125+66.40



OVERLAY TYPICAL SECTION

VT. ROUTE 30 CASTLETON STA 125+66.40 TO CASTLETON STA 274+03.20

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	WARM-MIX TECHNOLOGIES	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
CASTLETON:							
VT. ROUTE 30	80+78.40	83+20.00	ORGANIC WAX	3'-0" - 10'-0" - 12'-0" - 12'-0" - 7'-0"	1 1/2"	30	COLD PLANE 2", LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 30	83+20.00	95+50.00	ORGANIC WAX	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	112	COLD PLANE 2", LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 30	95+50.00	100+50.00	ORGANIC WAX	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	57	COLD PLANE 2", LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 30	100+50.00	120+50.00	ORGANIC WAX	VARIES SEE PLAN	1 1/2"	350	COLD PLANE 2", LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 30	120+50.00	125+66.40	ORGANIC WAX	9'-0" - 12'-0" - 12'-0" - 9'-0"	1 1/2"	59	COLD PLANE 2", LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 30	125+66.40	273+50.00	ORGANIC WAX	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	1341	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 30	273+50.00	274+03.20	ORGANIC WAX	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	5	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 1/2" TYPE IVS

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
2. THE COLD PLANED SURFACE SHALL HAVE A SURFACE PREP BEFORE THE LEVELING COURSE IS PLACED. SURFACE PREP SHALL CONSIST OF POTHOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST 1" IN WIDTH AND PAID FOR UNDER ITEM 900.680 SPECIAL PROVISIONS (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE II). COLD PLANED SURFACES SHALL HAVE A TACK COAT APPLICATION RATE OF 0.08 GAL/SQ. YD. OF CRSI-H OR RSI-H. TACK COAT APPLICATION RATE ON ALL OTHER PAVED SURFACES SHALL BE 0.025 TO 0.040 GAL/SQ. YD. OF CRSI-H OR RSI-H.
3. AN EXTRA QUANTITY OF ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT HAS BEEN ADDED TO THE HOT MIX TOTAL FOR SPOT LEVELING BEFORE FULL WIDTH LEVELING IN AN EFFORT TO CORRECT THE WORST PROFILE DEFICIENCIES AS DIRECTED BY THE RESIDENT ENGINEER.
4. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
5. COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
6. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3'-7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS, ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED. IF THIS CANNOT BE OBTAINED, THEN ITEM 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS SHALL BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
8. 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.
9. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE 1 OR ITEM 608.15 POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.40 SUBBASE, RAP. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
10. THE WEARING COURSE OF ALL OF CONTRACT ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, SHALL UTILIZE THE REQUIREMENTS OF ITEM 900.645, SPECIAL PROVISION (INTELLIGENT COMPACTION EQUIPMENT) AS CONTAINED WITHIN THE CONTRACT DOCUMENTS. ALL OTHER CONTRACT PROVISIONS ASSOCIATED WITH ITEM 490.30 SHALL APPLY IN CONJUNCTION WITH THE REQUIREMENTS OF ITEM 900.645.

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			

SEED MIXTURE:
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED:
 TO BE APPLIED PER SEEDING FORMULA 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.

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

HAY MULCH:
 TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT TYPICAL SHEET

PROJECT NAME: CASTLETON	
PROJECT NUMBER: STP 2909(1)	
FILE NAME: p10c212.dgn	PLOT DATE: 04-JUN-2013 09:2
PROJECT LEADER: D.E.G.	DRAWN BY: W.G.P.
DESIGNED BY: M.J.M.	CHECKED BY: D.E.G.
IPARM FILE: p10c212+typ.i	SHEET 121 OF 152