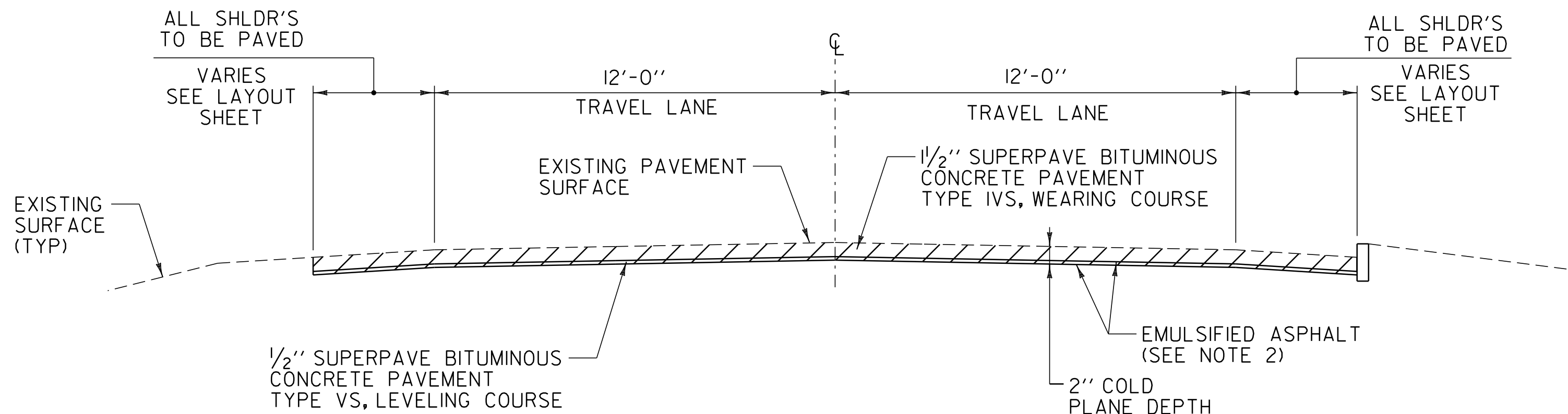


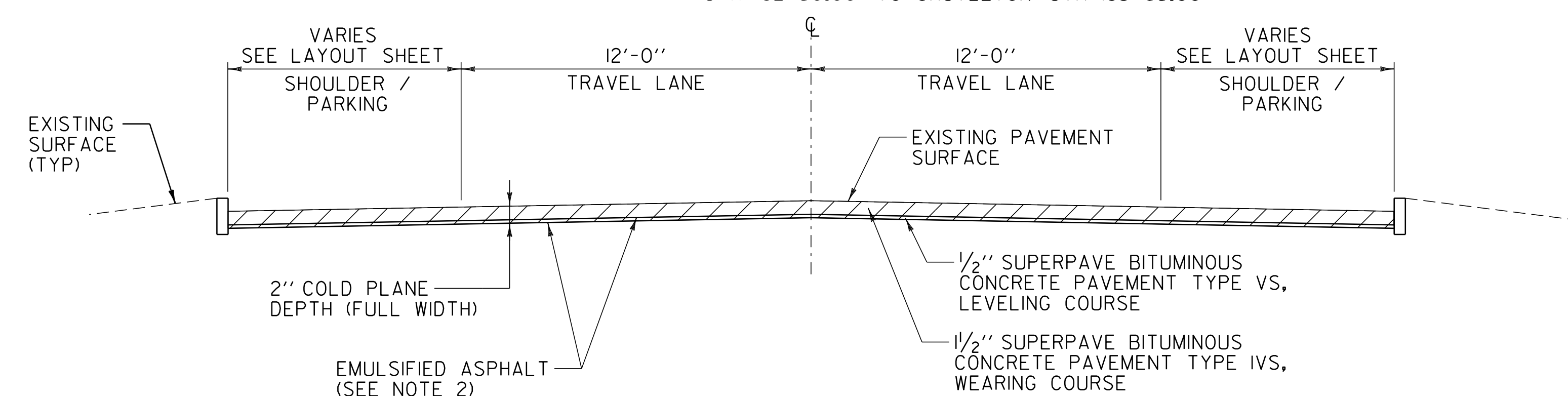
COLD PLANE TYPICAL SECTION

VT. ROUTE 4A CASTLETON STA 147+25.92 TO CASTLETON STA 157+30.00
 VT. ROUTE 4A CASTLETON STA 183+85.00 TO CASTLETON STA 192+50.00
 VT. ROUTE 4A CASTLETON STA 193+65.00 TO CASTLETON STA 203+49.12



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A CASTLETON STA 157+30.00 TO CASTLETON STA 159+13.00
 VT. ROUTE 4A CASTLETON STA 159+29.00 TO CASTLETON STA 161+90.00
 VT. ROUTE 4A CASTLETON STA 183+35.00 TO CASTLETON STA 183+85.00
 VT. ROUTE 4A CASTLETON STA 192+50.00 TO CASTLETON STA 193+65.00



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A CASTLETON STA 161+90.00 TO CASTLETON STA 183+35.00

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	WARM-MIX TECHNOLOGIES	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
CASTLETON:							
VT. ROUTE 4A	147+25.92	157+30.00	FOAMING PROCESS	4'-0" - 12'-0" - 12'-0" - 4'-0"	1/2"	105	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	157+30.00	159+13.00	FOAMING PROCESS	4'-0" - 12'-0" - 12'-0" - 4'-0"	1/2"	24	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	159+13.00	159+29.00	FOAMING PROCESS	8'-0" - 12'-0" - 12'-0" - 8'-0"	1/4"	-	BR 5 COLD PLANE 1/4" & PAVE WITH 1/4" TYPE IVS
VT. ROUTE 4A	159+29.00	161+90.00	FOAMING PROCESS	8'-0" - 12'-0" - 12'-0" - 8'-0"	1/2"	34	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	161+90.00	164+25.00	FOAMING PROCESS	8'-0" - 12'-0" - 12'-0" - 8'-0"	1/2"	31	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	164+25.00	169+75.00	FOAMING PROCESS	8'-0" - 12'-0" - 12'-0" - 17'-0"	1/2"	88	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	169+75.00	172+30.00	FOAMING PROCESS	11'-0" - 12'-0" - 12'-0" - 17'-0"	1/2"	43	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	172+30.00	177+60.00	FOAMING PROCESS	13'-0" - 12'-0" - 12'-0" - 17'-0"	1/2"	93	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	177+60.00	182+05.00	FOAMING PROCESS	VARIABLES SEE PLAN	1/2"	96	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	182+05.00	183+35.00	FOAMING PROCESS	15'-0" - 12'-0" - 12'-0" - 15'-0"	1/2"	23	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	183+35.00	183+85.00	FOAMING PROCESS	15'-0" - 12'-0" - 12'-0" - 15'-0"	1/2"	9	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	183+85.00	187+25.00	FOAMING PROCESS	15'-0" - 12'-0" - 12'-0" - 15'-0"	1/2"	56	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	187+25.00	191+10.00	FOAMING PROCESS	12'-0" - 12'-0" - 12'-0" - 12'-0"	1/2"	61	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	191+10.00	192+50.00	FOAMING PROCESS	VARIABLES SEE PLAN	1/2"	24	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	192+50.00	193+65.00	FOAMING PROCESS	VARIABLES SEE PLAN	1/2"	19	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	193+65.00	197+10.00	FOAMING PROCESS	VARIABLES SEE PLAN	1/2"	54	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	197+10.00	202+95.00	FOAMING PROCESS	10'-0" - 12'-0" - 12'-0" - 10'-0"	1/2"	83	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & PAVE WITH 1/2" TYPE IVS
VT. ROUTE 4A	202+95.00	203+49.12	FOAMING PROCESS	4'-0" - 12'-0" - 12'-0" - 4'-0"	1/2"	7	COLD PLANE 2", LEVEL WITH 1/2" TYPE VS & 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 VS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
2. 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. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. 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.
6. 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.
7. 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 I 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.
8. 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 2908(1)	
FILE NAME: p10c210.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: p10c210+yp.i	SHEET 91 OF 152