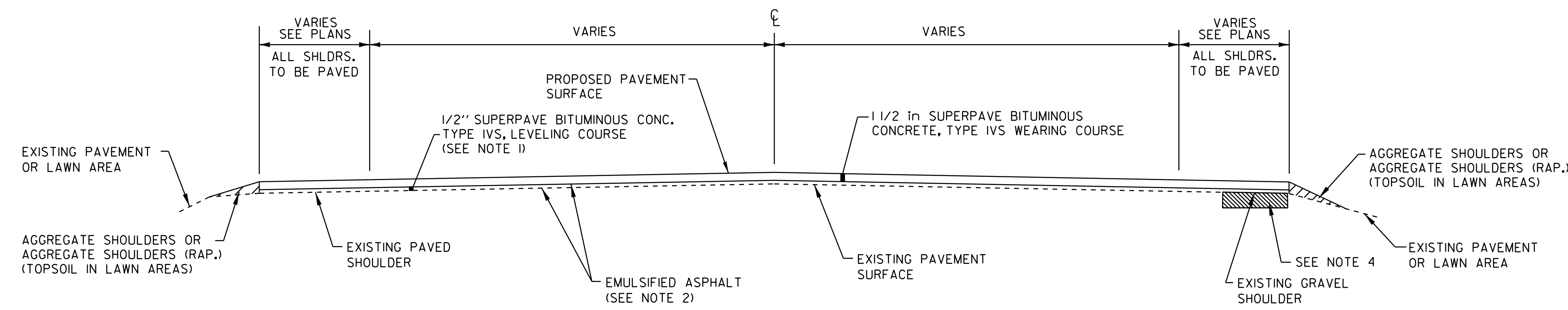


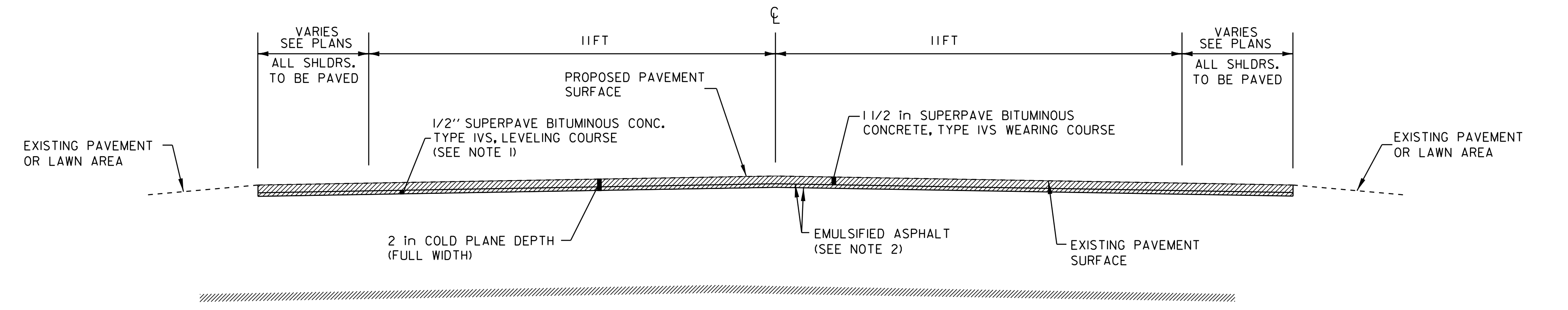
**NOTES**

- THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS.
- THE LEVELING COURSE SHALL BE TYPE IVS UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE ALONG THE OVERLAY AND COLD PLANE TYPICAL SECTIONS. AN ESTIMATED THICKNESS OF 1/2 in. OF ITEM 490.30 HAS BEEN INCLUDED TO COVER THIS PROVISION.
- ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
- EMULSIFIED ASPHALT, RS-1, 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.
- BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 in (TOTAL THICKNESS EXCLUDING LEVELING).
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 3 in +/- OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS SUCH AS ALL PURPOSE EXCAVATOR RENTAL, GRADER RENTAL, LOADER RENTAL, TRUCK RENTAL, AND POWER BROOM RENTAL. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED OR AGGREGATE SHOULDERS, RAP.
- 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. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6 ft POSTS. IF THIS CANNOT BE OBTAINED THEN 8 ft POSTS SHALL BE USED. ALL GUARDRAIL SHALL BE STEEL BEAM WITH STEEL POSTS AND WOOD BLOCKOUTS (OR APPROVED ALTERNATIVE MATERIAL). NEW GUARDRAIL SHALL BE INSTALLED IN COMPLIANCE WITH STANDARD G-1.
- COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- ITEMS 604.40 & 604.42 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL D.I.'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.J3, AGGREGATE SHOULDERS, RAP. ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.I2, AGGREGATE SHOULDERS.
- ALL DRIVES SHALL RECEIVE A PAVED APRON, OR BE PAVED FROM EDGE OF ROADWAY TO SIDEWALK, AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED, AND WILL BE PAID FOR UNDER ITEM 210.I0 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
- EXCAVATED DITCHING MATERIAL SHALL BE USED FOR CONSTRUCTING GUARD RAIL END SECTIONS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR DITCHING MATERIAL WILL BE MADE UNDER ALL PURPOSE EXCAVATOR RENTAL, TYPE I. THE QUANTITY REFLECTS 2 HOURS OF EXCAVATOR RENTAL FOR EACH GUARD RAIL TERMINAL.
- 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 DRIVE AND SIDEROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28).
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.I2, AGGREGATE SHOULDERS, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT PRICE OF EACH ITEM.



**OVERLAY TYPICAL SECTION**

**ST. GEORGE**  
**STA 0+00 TO 85+61**  
**SHELBURNE**  
**STA 0+00 TO 89+29**  
**WILLISTON**  
**STA 0+00 TO 22+02**  
**SOUTH BURLINGTON**  
**STA 0+00 TO 169+25**  
**STA 175+30 TO 197+75**



**COLD PLANED TYPICAL SECTION**

**SOUTH BURLINGTON**  
**STA 197+75 TO 223+34**

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL (IN FEET)	WEARING DEPTH	LEVELING Tons	NOTES
ST. GEORGE - VT ROUTE 116	0+00	85+61	4-11-11-4	1-1/2 in	793	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SHELBURNE - VT ROUTE 116	0+00	89+29	4-11-11-4	1-1/2 in	827	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
WILLISTON - VT ROUTE 116	0+00	21+94	4-11-11-4	1-1/2 in	204	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
WILLISTON S. BURL. - VT ROUTE 116	21+94	0+08	4-11-11-4	1-1/4 in	--	BR. 30 COLD PLANE 1-1/4", PAVE W/1-1/4" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	0+08	4+50	4-11-11-4	1-1/2 in	42	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	4+50	25+75	9-12-12-9	1-1/2 in	262	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	25+75	43+75	4-11-11-4	1-1/2 in	167	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	43+75	56+00	8-12-12-8	1-1/2 in	151	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	56+00	124+50	4-11-11-4	1-1/2 in	634	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	124+50	138+74	5-11-11-5	1-1/2 in	140	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	138+74	141+34	5-11-11-5	1-1/4 in	--	BR 30 COLD PLANE 1-1/4", PAVE W/1-1/4" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	141+34	147+00	5-11-11-5	1-1/2 in	56	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	147+00	151+00	8-12-12-8	1-1/2 in	49	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	151+00	169+25	5-11-11-5	1-1/2 in	180	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	169+25	175+30	NO WORK -- KENNEDY DRIVE			
SO. BURLINGTON - VT ROUTE 116	175+30	197+75	4-11-11-4	1-1/2 in	208	1/2" LEVEL, PAVE W/1-1/2" TYPE IVS
SO. BURLINGTON - VT ROUTE 116	197+75	223+34	VARIES	1-1/2 in	237	COLD PLANE 2 in, LEVEL 1/2" TYPE IVS, WEARING COURSE 1-1/2 in TYPE IVS

**PROJECT TYPICAL SHEET #1**

DESIGNED BY BCE/PJM DATE 10-06  
 DRAWN BY C.E.A., INC. DATE 10-06  
 DESIGN FILE NO. p05b052.dgn  
 PRF FILE p05b052+y01.i DATE PLOTTED 03-MAY-2012  
 PROJ. NAME **ST. GEORGE-SO. BURLINGTON**  
 PROJ. NO. **ST-STP 2508(1)S**  
 SHEET **2** OF **42** SHEETS