

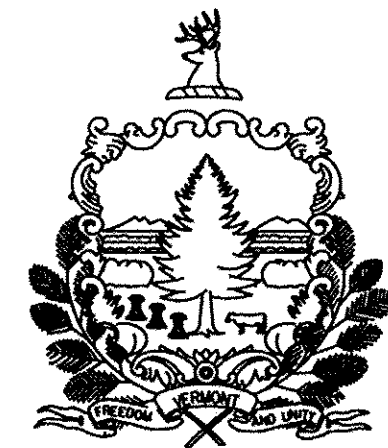
INDEX OF SHEETS

- 1 TITLE SHEET
- 2-3 PROJECT TYPICAL SHEETS
- 4 ASPHALTIC PLUG JOINT DETAIL SHEET
- 5-6 QUANTITY SHEETS
- 7-8 ITEM DETAIL SUMMARY SHEETS
- 9 DITCH CLEANING DETAIL SHEET
- 10-29 PAVING PROJECT LAYOUT SHEETS
- 30-38 TRAFFIC SIGN SUMMARY SHEETS
- 39 BRIDGE DETAIL SHEET I
- 40 NON-YIELDING OBJECT APPROACH and SIGN DETAIL SHEET.
- 41 PAVEMENT MARKING DETAIL SHEET
- 42 CONSTRUCTION APPROACH SIGNING SHEET

VAOT STANDARDS

- | | | |
|--------|--|----------|
| D-3 | TREATED GUTTERS | 06-01-94 |
| D-8 | REINFORCED CONCRETE DROP INLET WITH PRECAST COVER | 01-03-00 |
| | REINFORCED CONCRETE DROP INLET WITH GRATE (BOTTOM SECTION) | |
| D-15 | PRECAST REINFORCED CONCRETE CATCH BASIN W/CAST IRON GRATE | 06-01-94 |
| | PRECAST REINFORCED CONCRETE MANHOLE W/CAST IRON COVER | |
| | CAST IRON GRATE WITH FRAME, TYPE D | |
| | CAST IRON GRATE WITH FRAME, TYPE E | |
| E-100 | CONSTRUCTION APPROACH SIGNS | 01-02-04 |
| E-100A | SIDE ROAD CONSTRUCTION APPROACH SIGNS | 01-02-04 |
| E-101 | CONSTRUCTION SIGN DETAILS | 05-30-03 |
| E-102 | CONSTRUCTION SIGN DETAILS | 06-30-03 |
| E-102A | CONSTRUCTION SIGN DETAILS | 05-01-04 |
| E-103 | MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED | 03-01-04 |
| E-106 | TRAFFIC CONTROL MISCELLANEOUS DETAILS | 03-01-04 |
| E-107 | DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS | 06-30-03 |
| E-107A | BREAKAWAY BARRICADE DETAILS | 08-08-95 |
| E-110 | MAJOR MAINTENANCE OPERATION LANE CLOSURE | 08-08-95 |
| E-111 | MINOR MAINTENANCE OPERATIONS | 03-11-97 |
| E-119 | UTILITY WORK ZONE | 03-01-04 |
| E-120 | STANDARD SIGN PLACEMENT EXPRESSWAY AND FREEWAY | 08-08-95 |
| E-121 | STANDARD SIGN PLACEMENT CONVENTIONAL ROAD | 08-08-95 |
| E-140 | REGULATORY SIGN DETAILS | 08-30-96 |
| E-141 | REGULATORY SIGN DETAILS | 09-20-95 |
| E-143 | REGULATORY SIGN DETAILS | 06-15-04 |
| E-144 | REGULATORY SIGN DETAILS | 03-29-99 |
| E-145A | REGULATORY SIGN DETAILS, LANE USE CONTROL SIGNS | 12-23-94 |
| E-145B | REGULATORY SIGN DETAILS, LANE USE CONTROL SIGNS | 12-23-94 |
| E-150 | WARNING SIGN DETAILS | 05-01-04 |
| E-152 | WARNING SIGN DETAILS | 05-01-04 |
| E-153B | WARNING SIGN DETAILS | 05-30-03 |
| E-154 | WARNING SIGN DETAILS | 05-10-04 |
| E-164 | SQUARE STEEL SIGN POST | 05-20-99 |
| E-191 | PAVEMENT MARKING DETAILS | 02-01-99 |
| E-193 | PAVEMENT MARKING DETAILS | 08-18-95 |
| G-1 | STEEL BEAM GUARDRAIL WITH STEEL POSTS | 01-03-00 |
| | STEEL BEAM GUARDRAIL WITH WOOD POSTS | |
| G-1D | STEEL BEAM GUARDRAIL APPROACH END TERMINAL | 01-03-00 |
| | STEEL BEAM GUARDRAIL TRAILING END TERMINAL | |
| | ANCHOR FOR STEEL BEAM GUARDRAIL | |
| | STEEL BEAM MEDIAN BARRIER | |
| G-4 | PLANK RAIL GUIDE POSTS | 06-01-94 |
| | WOOD MARKER POSTS | |
| | STEEL MARKER POSTS | |
| G-19 | GENERIC PLANS FOR GUARDRAIL END TERMINALS | 11-15-02 |

STATE OF VERMONT AGENCY OF TRANSPORTATION

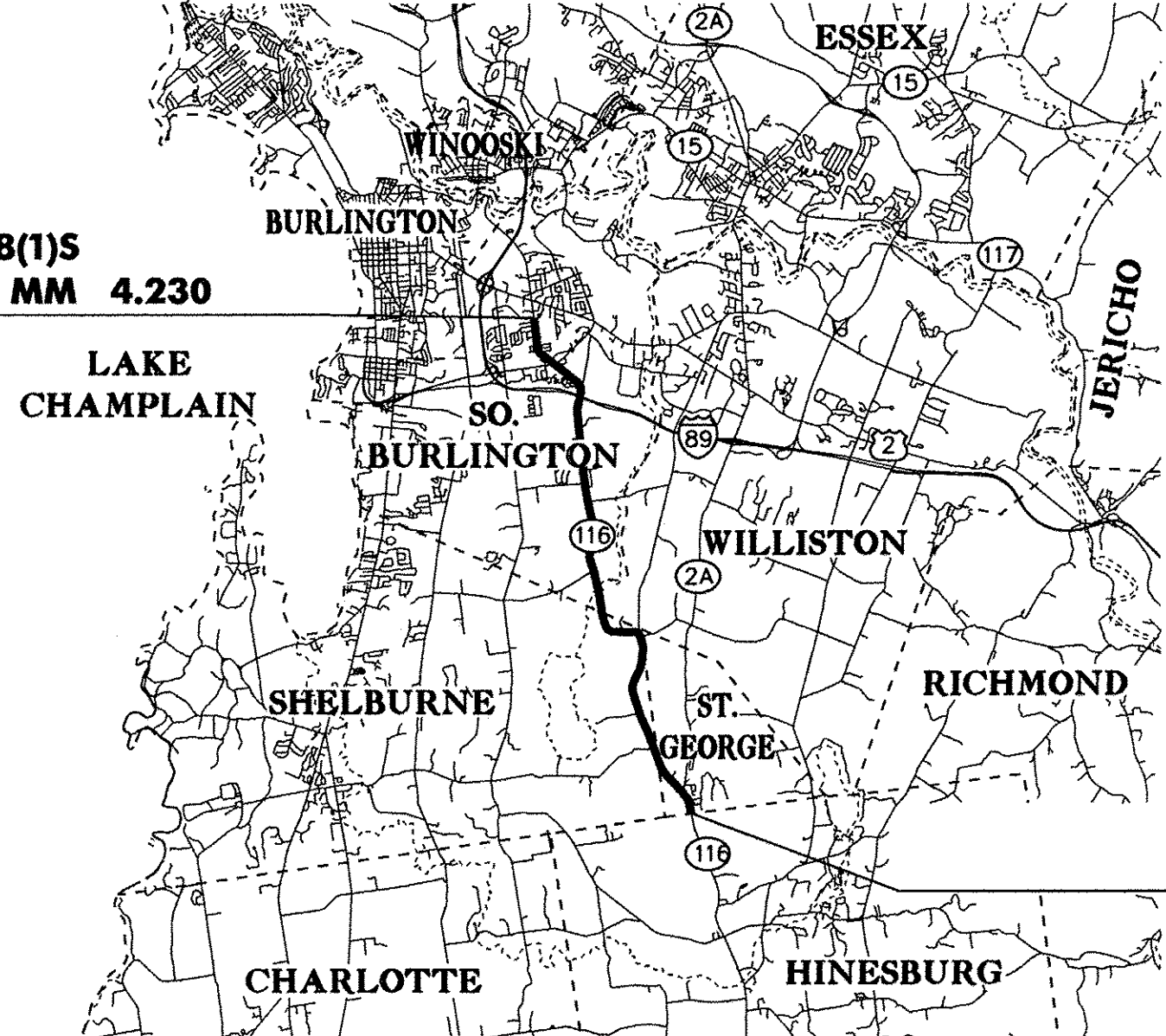


PROPOSED IMPROVEMENTS TOWNS OF ST. GEORGE, SHELBURNE WILLISTON, and SOUTH BURLINGTON COUNTY OF CHITTENDEN VT ROUTE 116

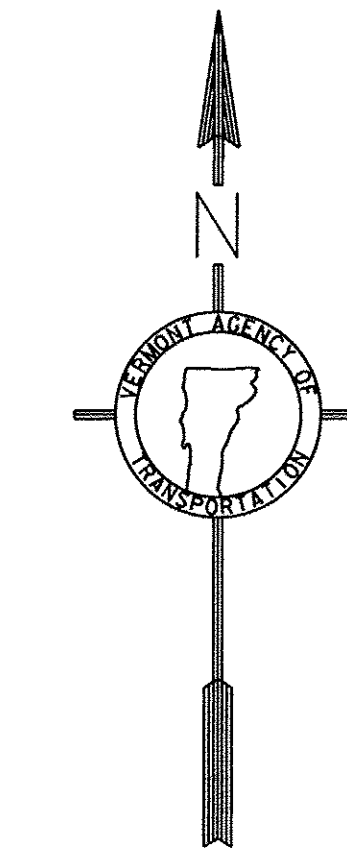
BEGINNING AT STATION 0+00 (MM 0.000) OF VT ROUTE 116 IN THE TOWN OF ST. GEORGE AND EXTENDING NORTHERLY ALONG VT ROUTE 116 THROUGH THE TOWNS OF ST. GEORGE, SHELBURNE, WILLISTON, and INTO THE TOWN OF SOUTH BURLINGTON FOR A DISTANCE OF APPROXIMATELY 42,026 FEET (7.959 MILES) TO THE END OF THE PROJECT AT STATION 223+34 (M.M. 4.230) IN THE TOWN OF SOUTH BURLINGTON.

STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF ST. GEORGE		
STA 0+00 TO STA 85+61 (MM 0.000 TO MM 1.621)	8,561	1.621
TOWN OF SHELBURNE		
STA 0+00 TO STA 89+29 (MM 0.000 TO MM 1.691)	8,929	1.691
TOWN OF WILLISTON		
STA 0+00 TO STA 22+02 (MM 0.000 TO MM 0.417)	2,202	0.417
TOWN OF SOUTH BURLINGTON		
STA 0+00 TO STA 169+25 (MM 0.000 TO MM 3.205)	16,925	3.205
STA 175+30 TO STA 223+34 (MM 3.320 TO MM 4.230)	4,804	0.909
PROJECT TOTALS	41,421	7.844

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH COLD PLANING & OVERLAY SECTIONS (LEVELING AND WEARING COURSE), NEW PAVEMENT MARKINGS, GUARD RAIL INSTALLATION, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.

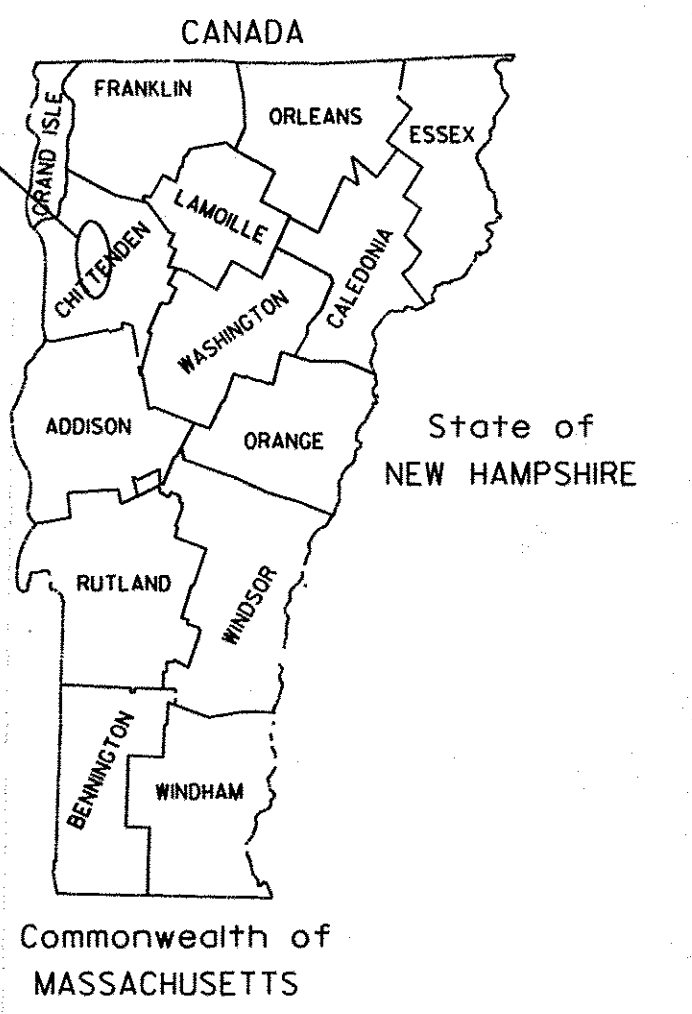


**END ST-STP 2508(1)S
STA 223+34 = MM 4.230**



**BEGIN ST-STP 2508(1)S
STA 0+00 = MM 0.000**

**PROJECT LOCATION
ST-STP 2508(1)S**



RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: IAN JENIKE

CONSTRUCTION BEGAN: AUGUST 26, 2008

CONSTRUCTION COMPLETE: MAY 15, 2009

RECORD PLANS BY: IAN JENIKE & AMOS KEMPTON

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *[Signature]* FOR IAN JENIKE, RESIDENT ENGINEER

DATE: 7-10-2012

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

ST. GEORGE - SO. BURLINGTON VT ROUTE 116, MM 0.000 TO MM 4.230	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,051,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADED ASPHALT BINDER	PG 58-28

TRAFFIC DATA

	ADT		DHV		FLEXIBLE ESAL'S	
	2007	2017	2007	2017	(2007-2017)	(2007-2027)
BEGINNING OF PROJECT TO CHEESE FACTORY RD (SO. BURL. MM 0.240)	6,300	6,700	700	750	577,000	1,358,000
CHEESE FACTORY RD. TO KENNEDY DR. (SO. BURL. MM 3.27)	8,100	8,500	890	930	842,000	1,940,000
KENNEDY DR. TO WRIGHT COURT (SO. BURL. MM 3.73)	9,700	10,300	1,050	1,110	819,000	1,901,000
WRIGHT COURT TO END OF PROJECT	10,800	11,400	1,160	1,230	908,000	2,102,000

CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	----
LIMITS OF ACCESS	—o—o—o—
POINT OF ACCESS	X
FENCE LINE	—x—x—
STONE WALL	—o—o—o—
TRAVELED WAY	—o—o—o—
GUARD RAIL	—o—o—o—
RAILROAD	—+—+—+—
SURVEY LINE	—+—+—+—
CULVERT	—+—+—+—
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	⊗
CONTROL OF ACCESS	— — — —
PROPERTY LINE	— — — —
R.O.W. TAKING LINE	—SR—
SLOPE RIGHTS	—SR—
TOP OF CUT	—△—△—△—
TOE OF SLOPE	—○—○—○—

RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN 'NOT TO SCALE'.

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

BY: *[Signature]*

CIVIL ENGINEERING ASSOCIATES, INC.
P.O. BOX 488 SHELBURNE, VT 05482
802-985-2323 FAX 802-985-2271 web www.cca-vt.com

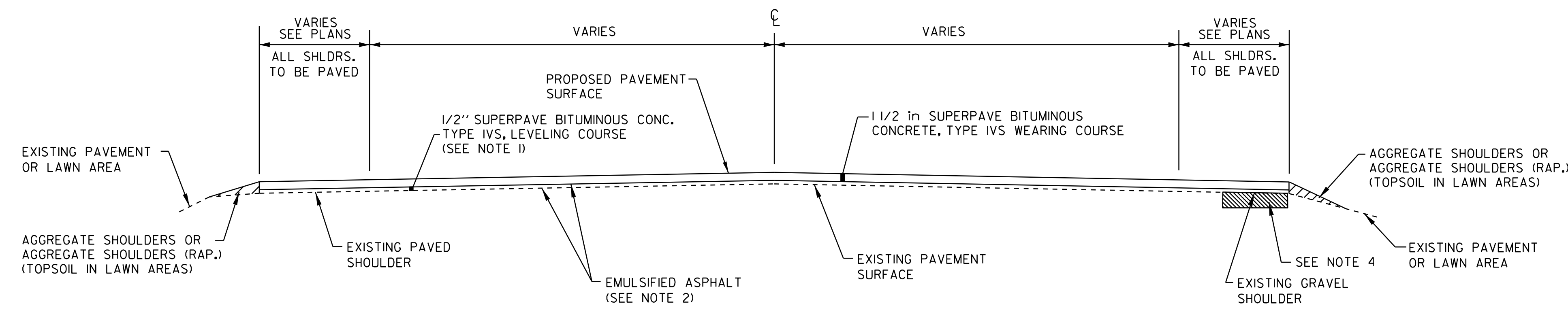
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED: <i>[Signature]</i>	DATE: 6-20-08
PROJECT MANAGER: TED DOMEY	
PROJECT NAME: ST. GEORGE-SO. BURLINGTON	
PROJECT NUMBER: ST-STP 2508(1)S	
SHEET 1 OF 42 SHEETS	

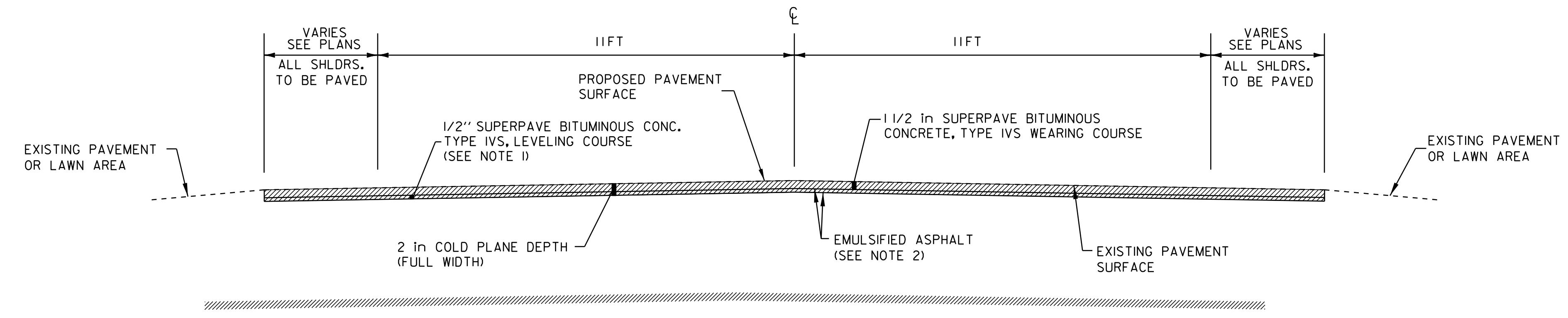
NOTES

- 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

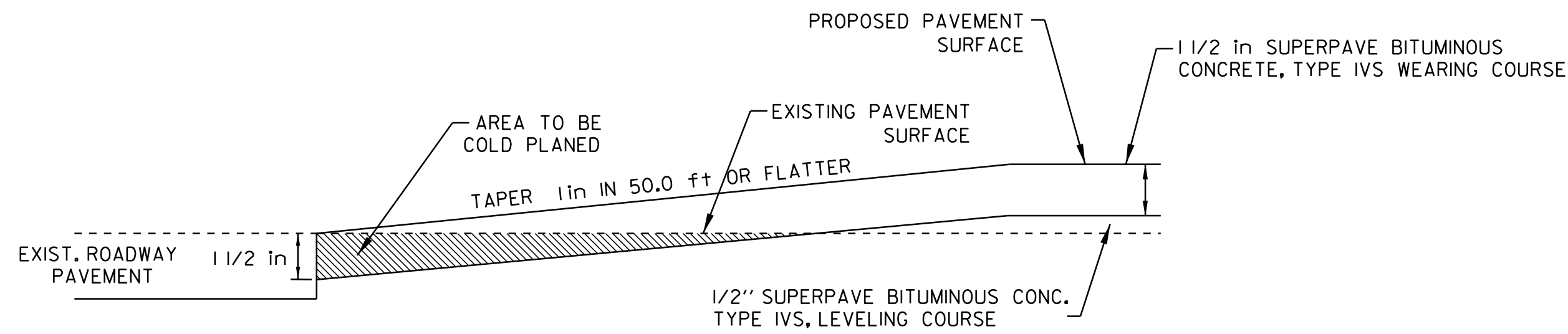
SOUTH BURLINGTON
STA 197+75 TO 223+34

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

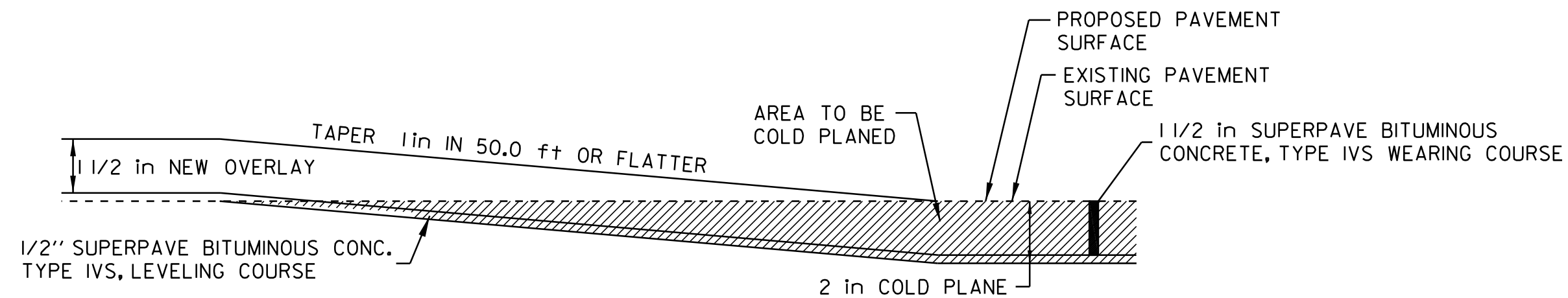
PROJECT TYPICAL SHEET #1

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



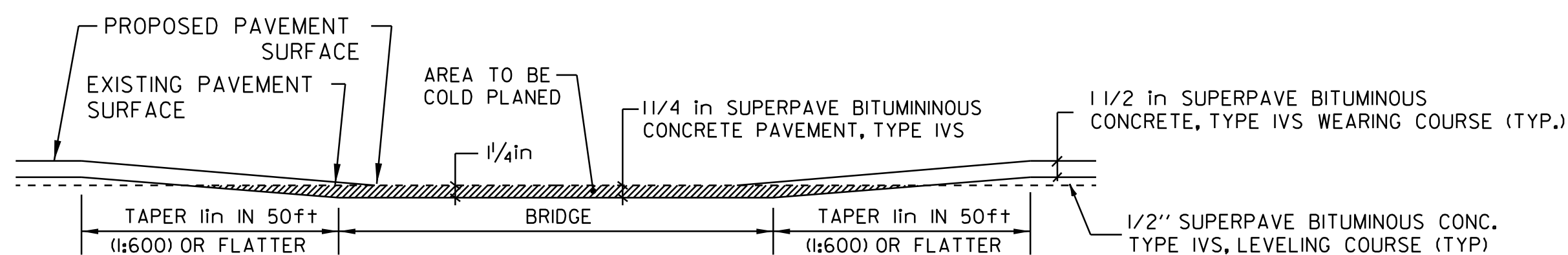
- APPROACH AREA DETAIL -

ST. GEORGE
STA 0+00 TO 100+00 (BEGIN PROJECT)



- TRANSITION AREA DETAIL -

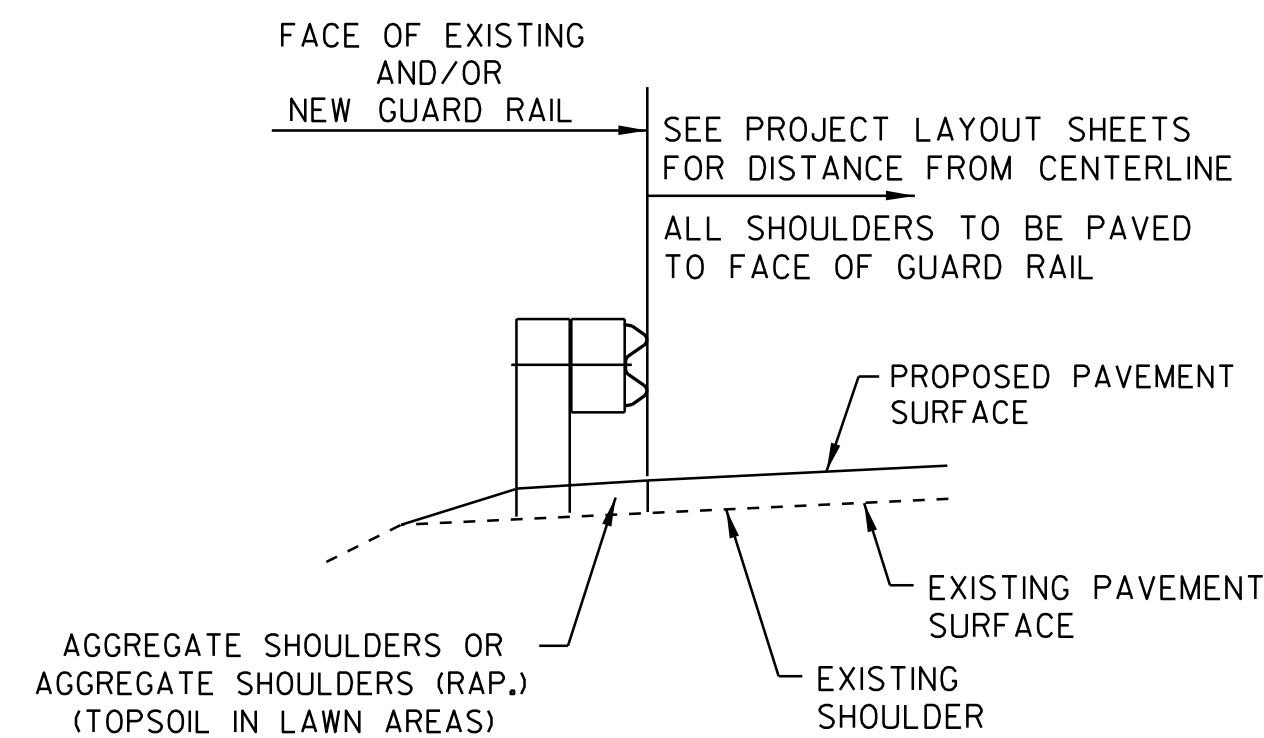
SOUTH BURLINGTON
STA 196+75 TO 197+75 (END OVERLAY/BEGIN COLD PLANE)



- COLD PLANING DETAIL BRIDGES -

WILLISTON
BRIDGE #30 - STA 22+02

SOUTH BURLINGTON
BRIDGE #31 - STA 139+83



- TYPICAL SECTION AT GUARD RAIL -

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	lbs./ACRE	NAME	PUR%	GERM%
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3	RED TOP	95	90
15.0	9	BIRDSFOOT TREFOIL	98	85
5.0	3	ANNUAL RYEGRASS	95	85
100.0	60			

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

SEED:
 TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE 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)

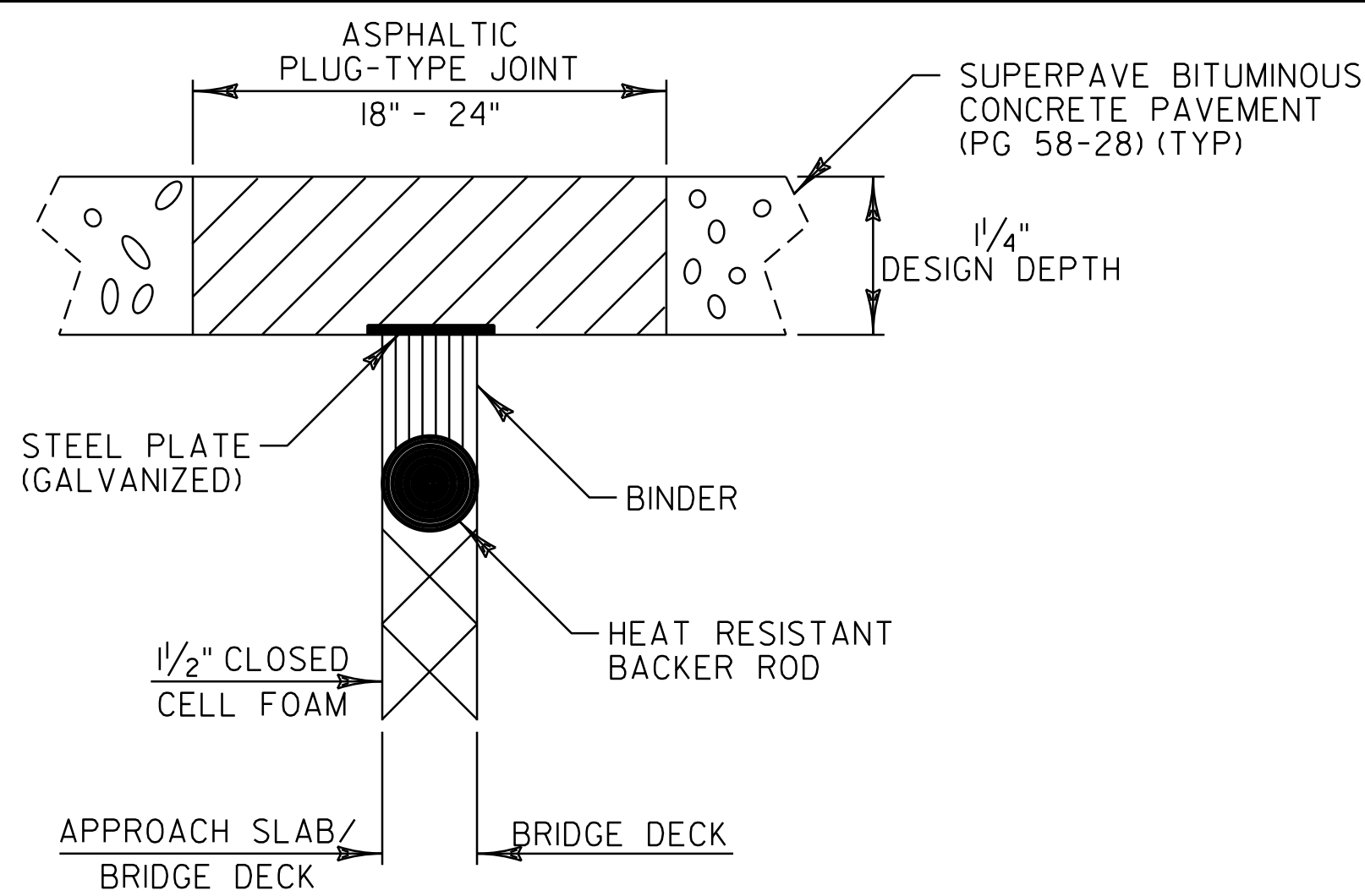
AGRICULTURAL LIMESTONE:
 TO BE APPLIED AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:
 TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL:
 TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

**PROJECT
 TYPICAL
 SHEET #2**

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052+y02.i	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	3	OF	42 SHEETS



ASPHALTIC PLUG-TYPE JOINT DETAIL

LOCATION

SOUTH BURLINGTON		
BRIDGE 31 STA 138+74	32 LF	
BRIDGE 31 STA 139+38	32 LF	
BRIDGE 31 STA 140+02	32 LF	
BRIDGE 31 STA 140+66	32 LF	
BRIDGE 31 STA 141+30	32 LF	

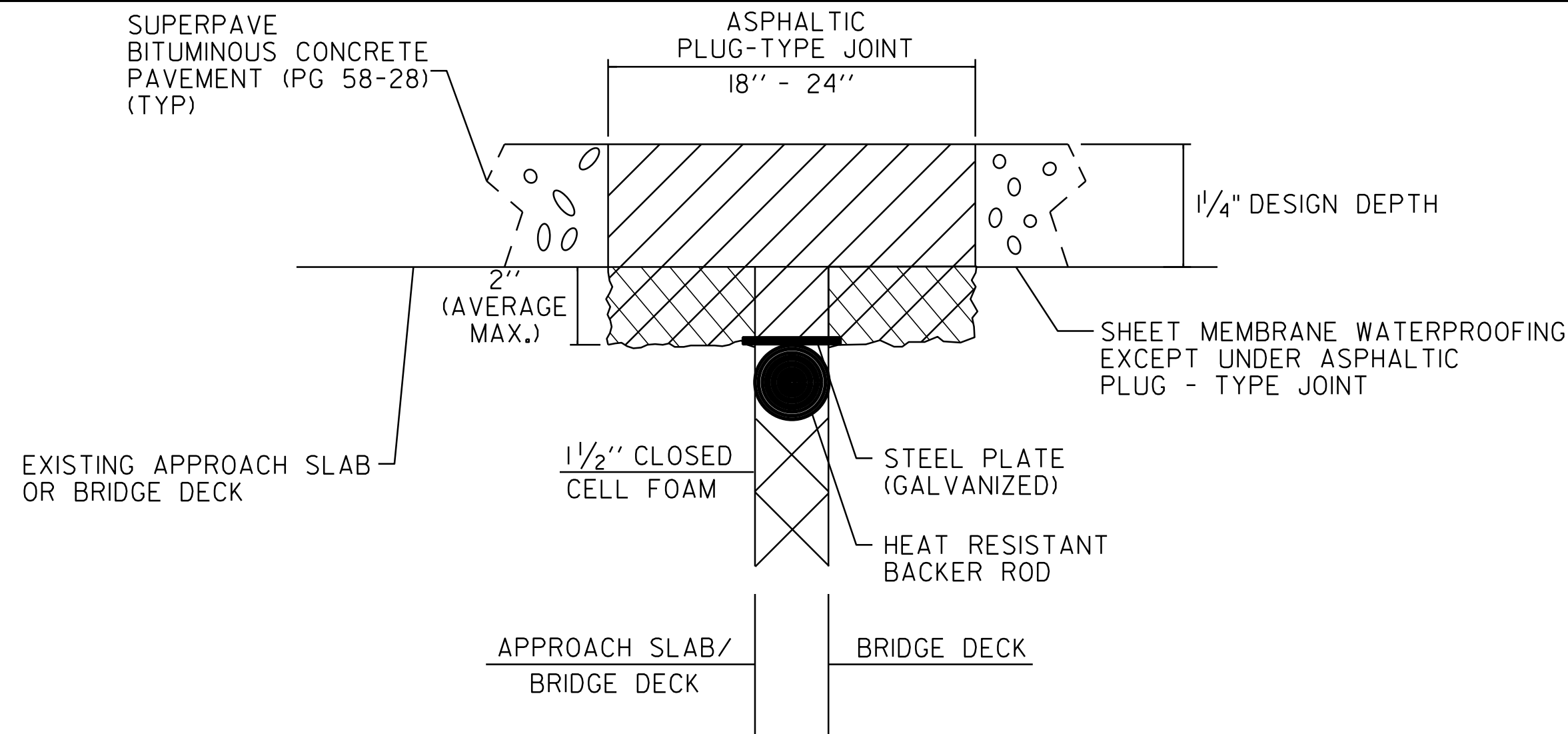
NOTES:

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT AREA SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1 INCH +/- OF BINDER ABOVE THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.
 - A. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION, AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125°F ±.

WEATHER LIMITATIONS

BINDER MATERIAL SHALL BE APPLIED ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL:

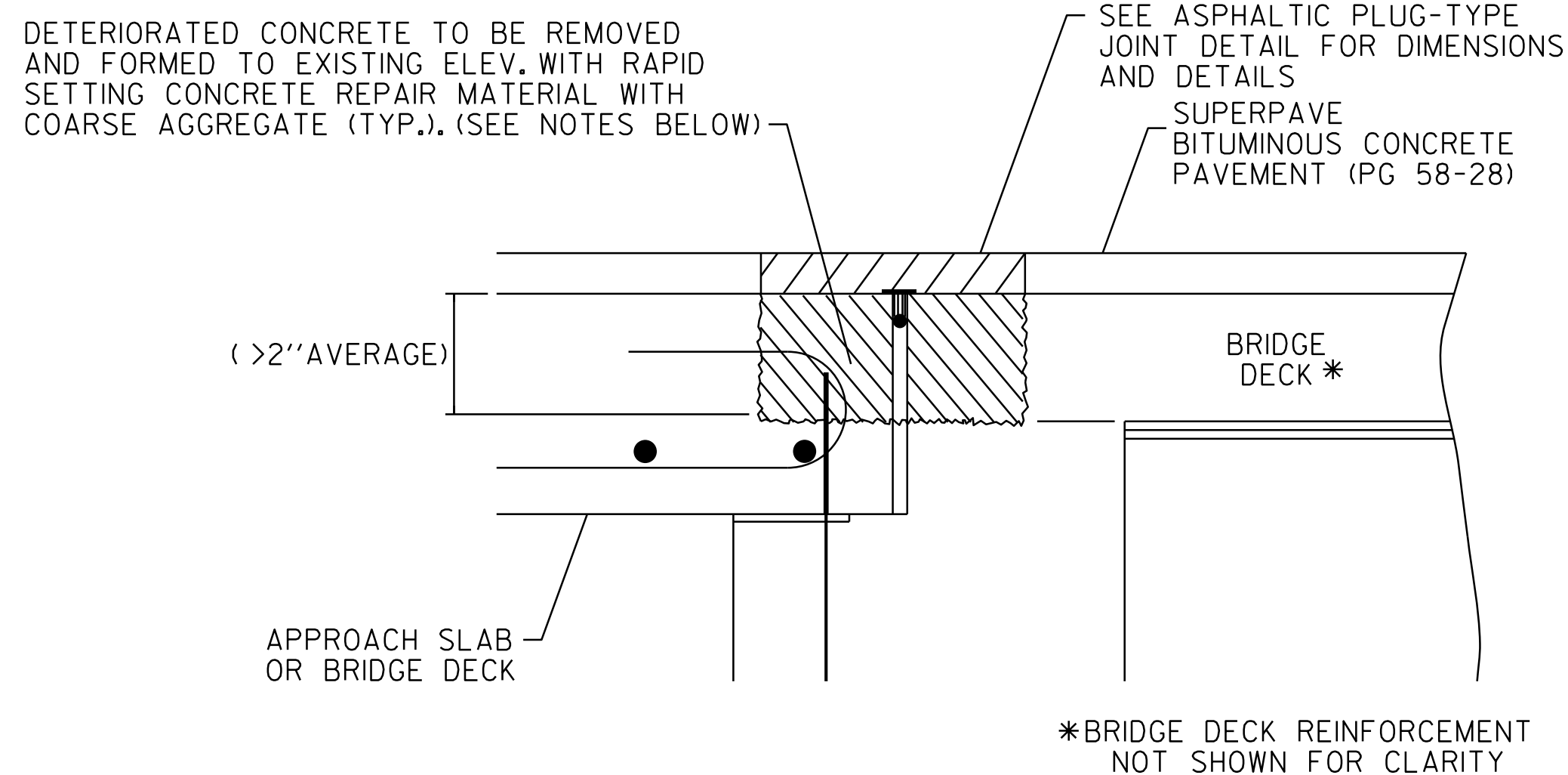
- A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50°F AND RISING.
- B. THE ROAD SURFACE IS SUFFICIENTLY DRY.
- C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



**ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF UP TO
2" DETERIORATED CONCRETE**

NOTES:

1. UPON ENCOUNTERING UP TO 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH REQUIRED TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.



**ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF >2"
DETERIORATED CONCRETE**

NOTES:

1. UPON ENCOUNTERING GREATER THAN 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

**ASPHALTIC
PLUG JOINT
DETAIL SHEET**

PROJECT NAME: St. George-So. Burlington
PROJECT NUMBER: ST-STP 2508(1)S

FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 11:00
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p05b052pds1.i	SHEET 4 OF 42

ITEM DETAIL SUMMARY SHEET 2

LOCATION			MISCELLANEOUS ITEMS											DRAINAGE ITEMS							GUARD RAIL ITEMS											REMARKS					
STA	STA	POS.	203.15 COM. EXCAV.	203.16 SOLID ROCK EXCAV.	203.30 EARTH BORROW	301.28 SUBBASE OF CRUSHED GRAVEL, FINE	402.12 AGG. SHOULD.	402.13 AGG. SHOULD. (RAP)	616.47 B. CONC. GUTTER & TRAF. ISLAND	617.10 RELOCATE MAILBOX SINGLE SUPPORT	618.10 PORT. CEMENT CONC. WALK (5in)	618.15 BITUM. CONC. WALK	618.30 DETECT. WARN. SURFACE	604.40 CHANGE ELEV.	604.412 REHAB. D.I. CLASS 1	DIA.	CSP (0.064)	RCP	CPEP	613.10 STONE FILL, TYPE I	619.17 YIELD. MARKER POSTS	621.20 STEEL BEAM G.R.	621.205 STEEL BEAM G.R. 8ft POSTS	621.21 HEAVY DUTY S.B. G.R.	621.50 MANUF. TERMINAL SECTION, FLARED	900.640 SPEC. PROV. (S.B. GR. GALV. NESTED)	621.60 ANCHOR FOR S.B. RAIL	621.76 REPLACE G.R. POST ASSEMBLY	621.77 REPLACE G.R. BEAM UNIT	621.80 REMOVE & DISP. OF GUARD RAIL	621.81 REMOVE & DISP. OF GUIDE POSTS		676.10 DELIN. w/STEEL POSTS				
198+10		LT	4			10						1	20																								CONSTRUCT SIDEWALK RAMPS, TYPE I, WITH DETECTABLE WARNING SURFACES.
202+48		LT	4			10						1	20																								CONSTRUCT SIDEWALK RAMPS, TYPE I, WITH DETECTABLE WARNING SURFACES.
206+10		LT	4			10						1	20																								CONSTRUCT SIDEWALK RAMPS, TYPE I, WITH DETECTABLE WARNING SURFACES.
208+80		LT	4			10						1	20																								CONSTRUCT SIDEWALK RAMPS, TYPE I, WITH DETECTABLE WARNING SURFACES.
211+70		LT	4			10						1	20																								CONSTRUCT SIDEWALK RAMPS, TYPE I, WITH DETECTABLE WARNING SURFACES.
216+50		RT													1																						REHAB D. I.
217+00		RT													1																						REHAB D. I.
221+45		LT		1		10					10		20																								CONSTRUCT SIDEWALK RAMPS, TYPE I, WITH DETECTABLE WARNING SURFACES.
222+25 PROJECT		LT&RT													2																						REHAB D. I.'S QUANTITY FOR USE AT DITCHING LOCATIONS
SHEET SUB-TOTALS			20	1	-	60	-	-	5		10	5	120	-	4					1057		-	-		-	-	-										
ID#1 SUB-TOTALS			12	2	450	590	852	1013			20	3	100	2	4					40		1325	1375		8	75	10					2762.5	2	18			
PROJECT SUB-TOTALS			32	3	450	650	852	1013	5		30	8	220	2	8					1097		1325	1375		8	75	10					2762.5	2	18			
ROUNDING			18	2	50	50	48	37			10	2	30	-	-					28		25	25		-	-	-					12.5	-	2			
PROJECT TOTALS			50	5	500	700	900	1050	5		40	10	250	2	8					1125		1350	1400		8	75	10					2775	2	20			

ITEM DETAIL SUMMARY SHEET #2

DESIGNED BY BCE/PJM DATE 12-06

DRAWN BY C.E.A., INC. DATE 12-06

DESIGN FILE NO. p05b052.dgn

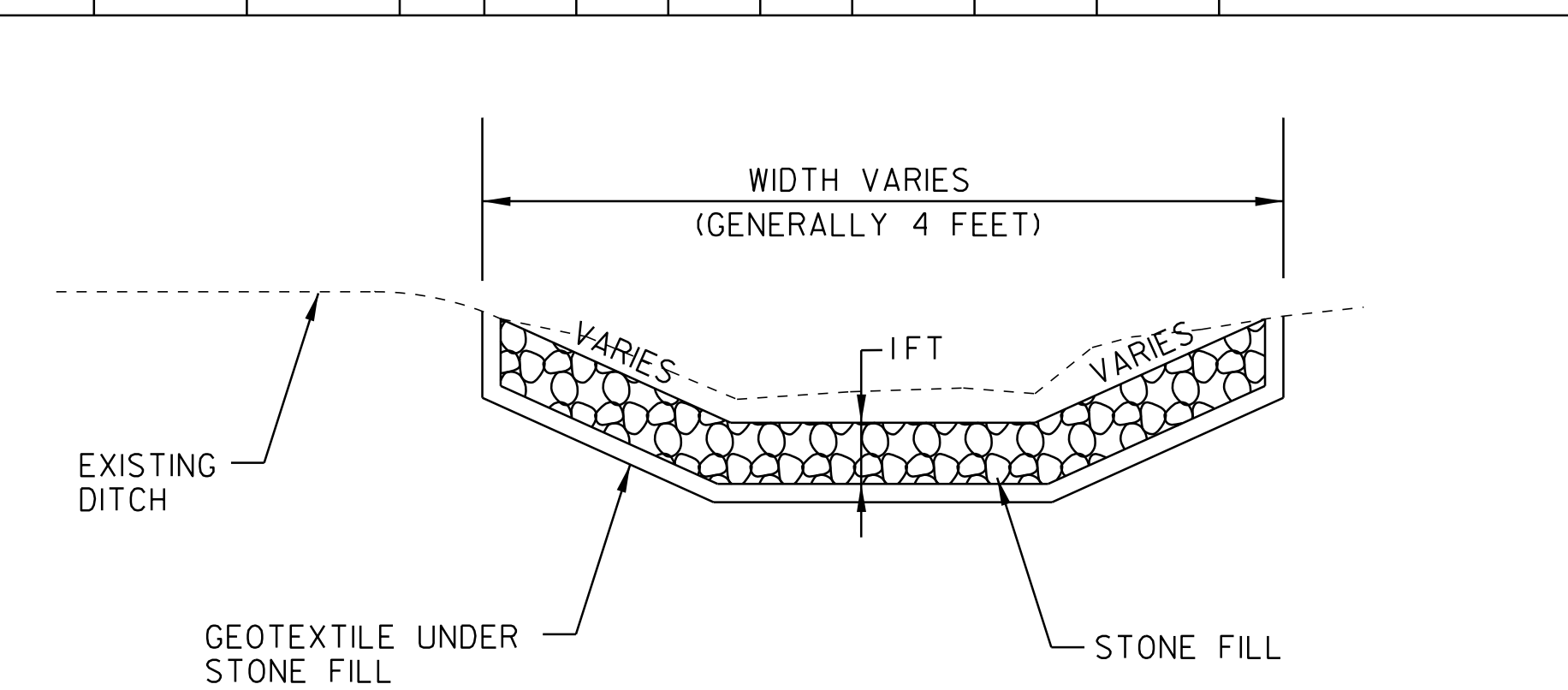
PRF FILE p05b0521d02.i DATE PLOTTED 03-MAY-2012 17:42

PROJ. NAME: **ST. GEORGE-SO. BURLINGTON**

PROJ. NO.: **ST-STP 2508(1)S**

SHEET **8** OF **42** SHEETS

LOCATION				FEET OF DITCHING				MISC. ITEMS			REMARKS	LOCATION				FEET OF DITCHING				MISC. ITEMS			REMARKS		
SITE	STATION	STATION	POS.	PERCENT GRADE				653.20	613.10	649.31		SITE	STATION	STATION	POS.	PERCENT GRADE				653.20	613.10	649.31			
				0-1	1-2.5	2.5-10	>10	TEMP. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL						0-1	1-2.5	2.5-10	>10	TEMP. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL			
																								0-1	1-2.5
VT ROUTE 116, ST. GEORGE DISTRICT #5								SY	CY	SY									SY	CY	SY				
1	0+75	4+75	RT		400																				
2	10+10	11+60	LT			150				22	100														
3	10+50	16+00	RT			550				82	367														
4	17+50	28+00	RT		700	350		311	52	233															
5	30+50	33+75	RT	325																					
6	36+00	39+15	RT			315			47	210															
7	46+00	50+25	RT		200	225		89	33	150															
VT ROUTE 116, SHELBURNE																									
8	1+75	3+00	RT			125			19	83															
9	4+50	7+00	LT			250			37	167															
10	13+50	16+00	RT	250																					
11	26+25	28+00	LT		175			78																	
12	31+50	39+50	LT	200	200	400		89	59	267															
13	32+00	35+00	RT			300			44	200															
14	45+50	48+00	LT&RT			500			74	333															
15	56+50	62+20	RT		570			253																	
VT ROUTE 116, ST. GEORGE																									
16	53+60	58+00	RT		440			196																	
17	58+50	61+50	RT		300			133																	
18	63+50	79+00	RT	400	300	850		133	126	567															
VT ROUTE 116, SHELBURNE																									
19	66+00	70+00	RT	300		100			15	67															
20	85+50	88+50	LT		300			133																	
VT ROUTE 116, WILLISTON																									
21	0+00	4+20	RT			420			62	280															
22	1+00	2+50	LT			150			22	100															
23	10+50	18+00	LT			750			111	500															
24	10+50	21+00	RT		200	850		89	126	567															
VT ROUTE 116, SO. BURLINGTON																									
25	0+00	4+00	LT&RT		400	400		178	59	267															
26	55+40	63+00	RT	260	500			222																	
27	55+40	69+50	LT	260	1,150			511																	
28	79+20	80+20	RT			100			15	67															
29	82+25	85+75	RT			350			52	233															
30	86+75	91+50	RT		475			211																	
31	117+75	120+50	LT	275																					
PROJECT SUBTOTALS					2,270	6,310	7,135	2,804	1,057	4,758															
ROUNDING					30	90	65	46	-	42															
PROJECT TOTALS					2,300	6,400	7,200	2,850	1,057	4,800															

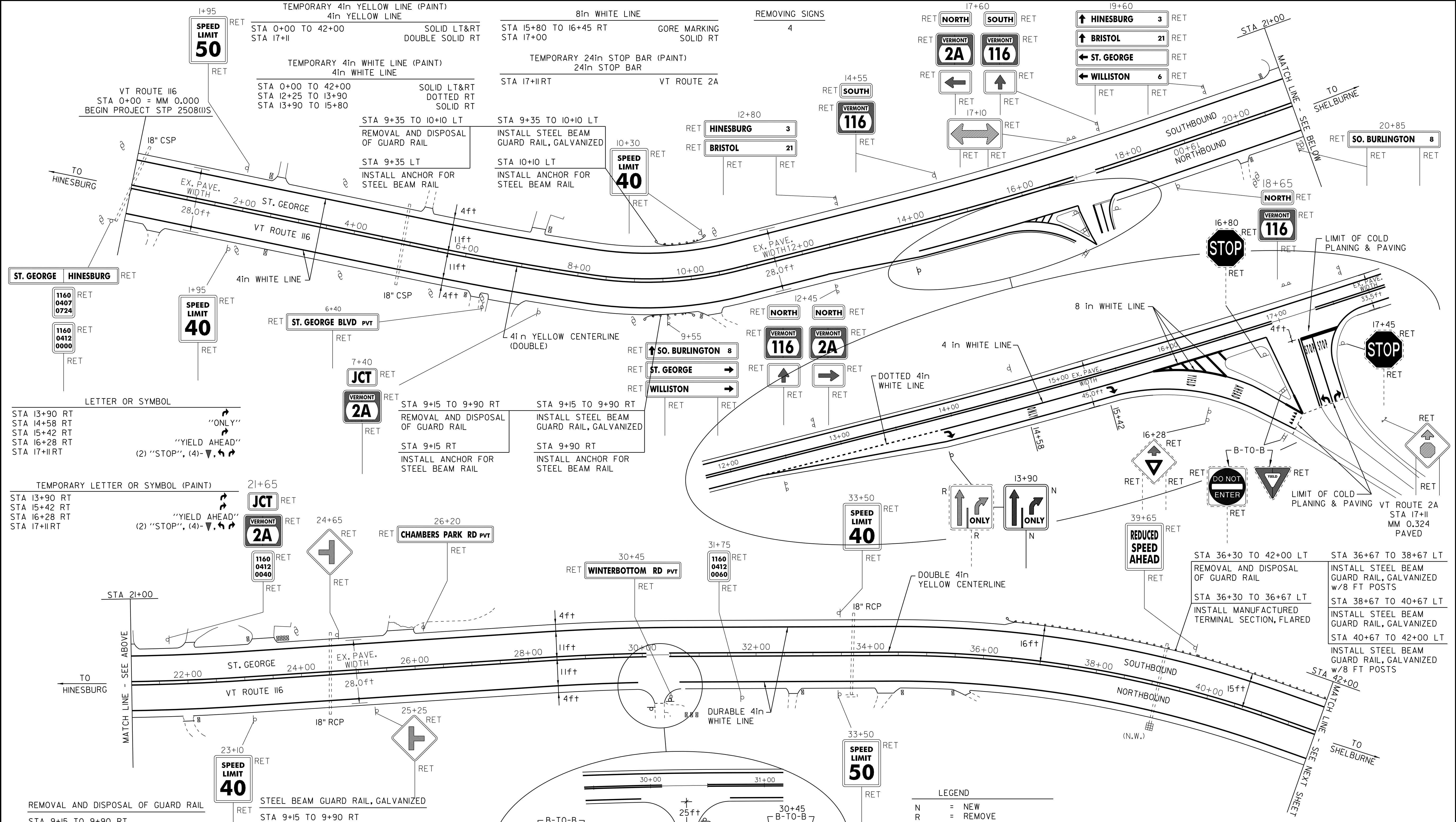


DITCH DETAIL
NOT TO SCALE

NOTES:
PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS AS INDICATED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING, STONE FILL TYPE I, HAVE BEEN INCLUDED. DITCHES WITH A SLOPE LESS THAN 1 PERCENT SHALL BE SEEDED. EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 1 AND 2 1/2 PERCENT, AND STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2 1/2 AND 10 PERCENT.

DITCH CLEANING DETAIL SHEET	PROJECT : ST. GEORGE-SO. BURLINGTON	PROJECT NO. : ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17
	IPARM FILE NAME: p05b052d+01.i	SURVEY DATE: 9-06
	SURVEYED BY: BCE/PJM	DRAWN BY: C.E.A., INC.
SQUAD LEADER: BCE	SHEET: 9 OF 42	



LETTER OR SYMBOL

STA 13+90 RT
STA 14+58 RT
STA 15+42 RT
STA 16+28 RT
STA 17+11 RT

"ONLY"
"YIELD AHEAD"
(2) "STOP", (4) -

TEMPORARY LETTER OR SYMBOL (PAINT)

STA 13+90 RT
STA 15+42 RT
STA 16+28 RT
STA 17+11 RT

"YIELD AHEAD"
(2) "STOP", (4) -

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 9+15 TO 9+90 RT
STA 9+35 TO 10+10 LT
STA 36+30 TO 42+00 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 36+30 TO 36+67 LT

ANCHOR FOR STEEL BEAM RAIL

STA 9+15 RT
STA 9+35 LT
STA 9+90 RT
STA 10+10 LT

STEEL BEAM GUARD RAIL, GALVANIZED

STA 9+15 TO 9+90 RT
STA 9+35 TO 10+10 LT
STA 38+67 TO 40+67 LT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS

STA 36+67 TO 38+67 LT
STA 40+67 TO 42+00 LT

DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)

STA 0+75 TO 4+75 RT
STA 10+50 TO 16+00 RT
STA 17+50 TO 27+00 RT
STA 30+50 TO 33+75 RT
STA 36+00 TO 39+15 RT

LEGEND

N = NEW
R = REMOVE
R&S = REMOVE & SALVAGE
S = SALVAGE
RET = RETAIN
B-T-O-B = BACK TO BACK
 CATCH BASIN/DI
(N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
 YIELDING MARKER POST
 UTILITY POLE
 DRIVE

PAVING PROJECT LAYOUT 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 p05b0521a01 DATE 10-06 PLOTTED 03-MAY-2012 17

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

SHEET **10** OF **42** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE

ST. GEORGE
STA 42+00 TO 53+57
SOLID LT&RT

SHELBURNE
STA 0+00 TO 31+00
SOLID LT&RT
DOUBLE SOLID LT

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

ST. GEORGE
STA 42+00 TO 53+57
SOLID LT&RT

SHELBURNE
STA 0+00 TO 31+00
SOLID LT&RT

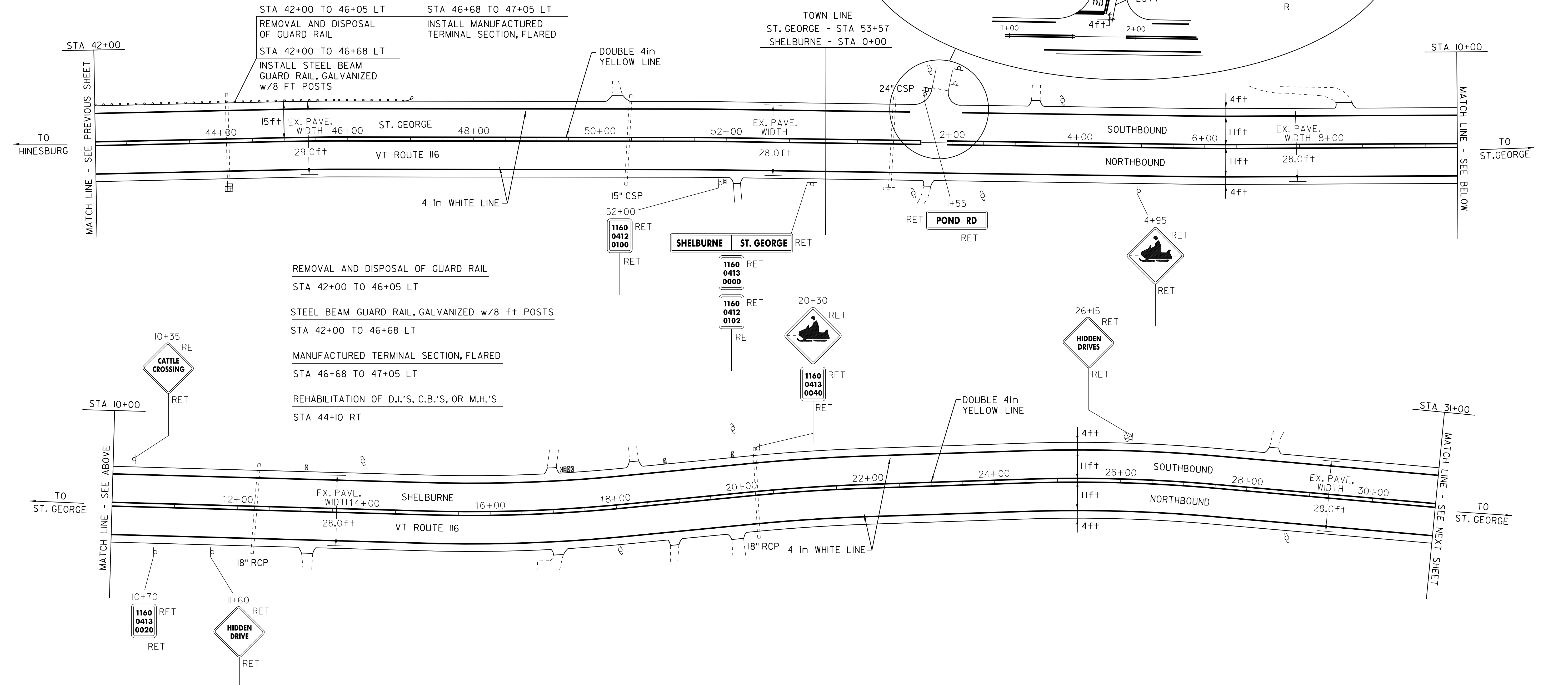
TEMPORARY LETTER OR SYMBOL
LETTER OR SYMBOL

SHELBURNE
STA 1+72 LT
"STOP"

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR

SHELBURNE
STA 1+72 LT
POND RD

REMOVING SIGNS
3



STA 42+00 TO 46+05 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 46+68 TO 47+05 LT
INSTALL MANUFACTURED
TERMINAL SECTION, FLARED

STA 42+00 TO 46+68 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FT POSTS

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 42+00 TO 46+05 LT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS
STA 42+00 TO 46+68 LT

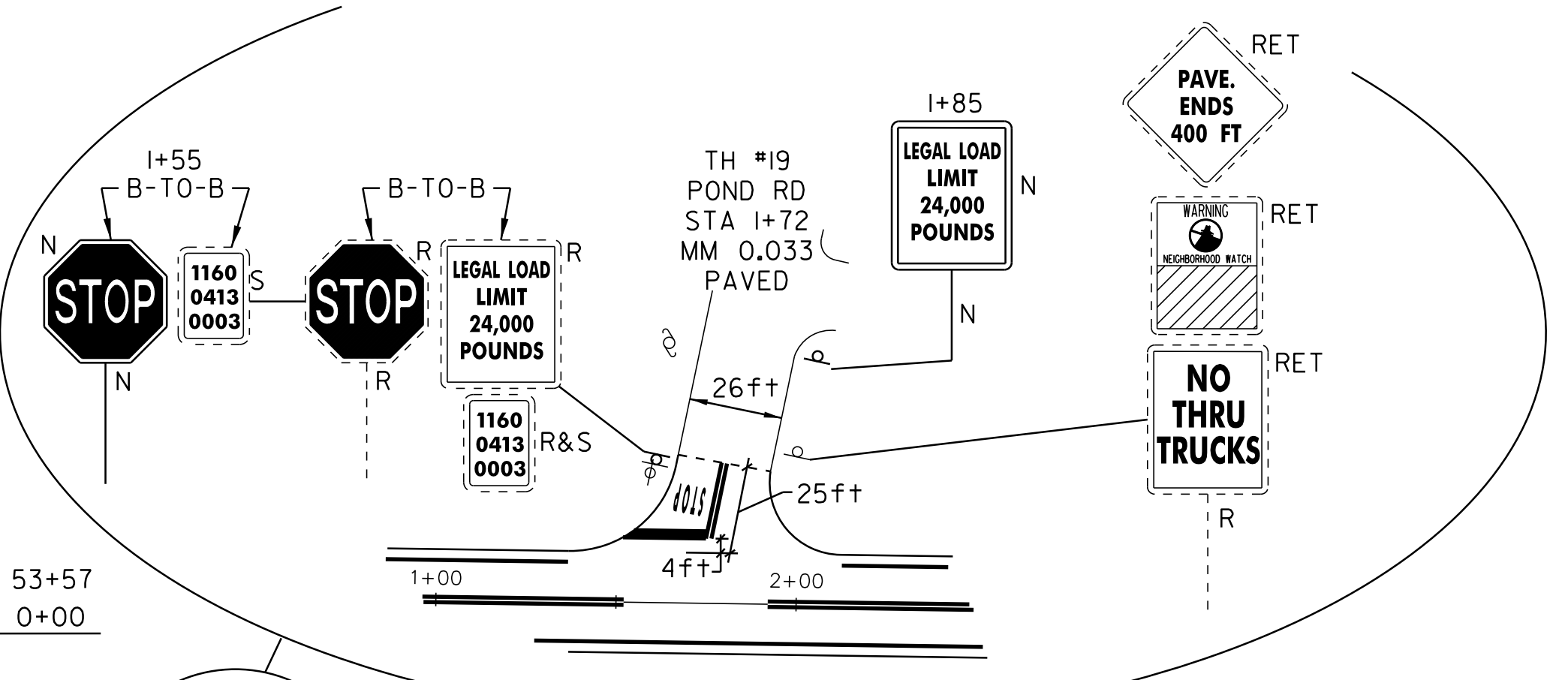
MANUFACTURED TERMINAL SECTION, FLARED
STA 46+68 TO 47+05 LT

REHABILITATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 44+10 RT

DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)

TOWN OF ST. GEORGE
STA 46+00 TO 50+25 RT

TOWN OF SHELBURNE
STA 1+75 TO 3+00 RT
STA 4+50 TO 7+00 LT
STA 13+50 TO 16+00 RT
STA 26+25 TO 28+00 LT



LEGEND

N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
⊕ ⊞ □	= CATCH BASIN/DI
(N.W.)	= NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I	= YIELDING MARKER POST
⊕	= UTILITY POLE
⊕	= DRIVE

PAVING PROJECT LAYOUT SHEET #2

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b0521a02	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	11	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE
4in YELLOW LINE

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)

SHELBURNE
STA 31+00 TO 62+21
SOLID LT&RT

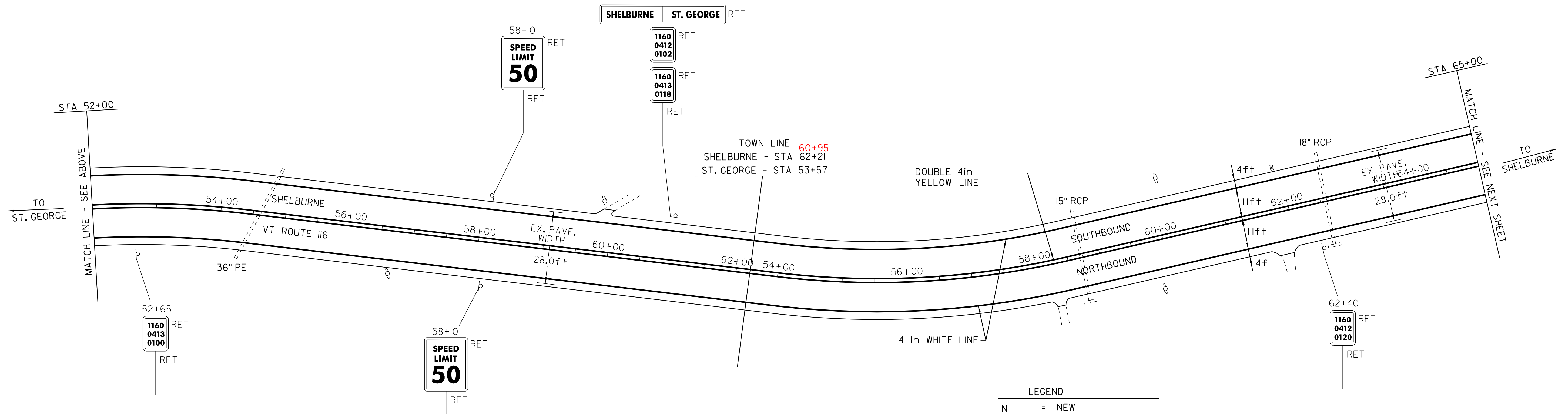
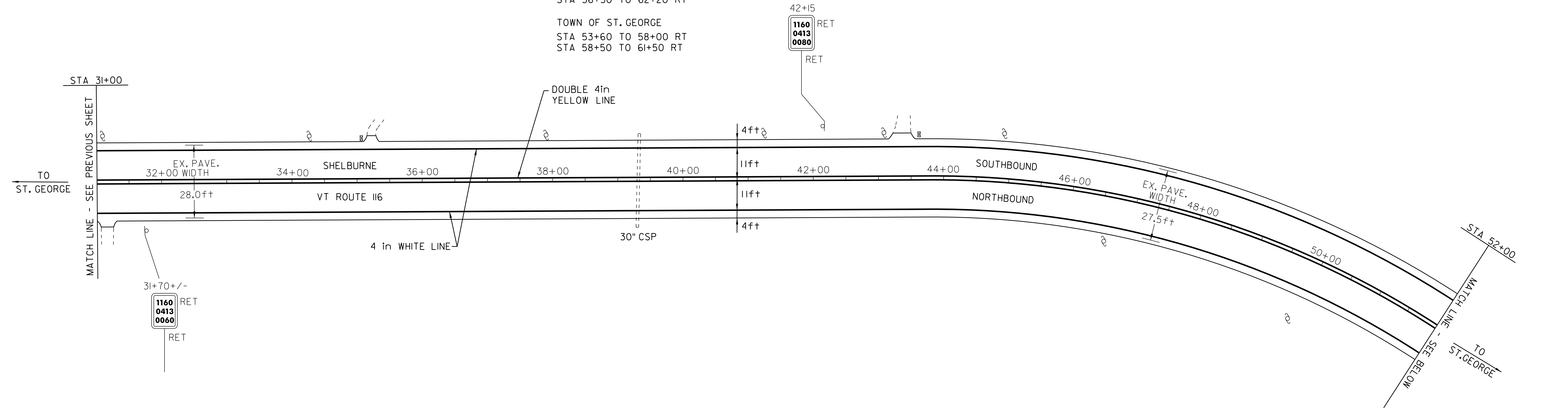
ST. GEORGE
STA 53+57 TO 65+00
SOLID LT&RT

SHELBURNE
STA 31+00 TO 62+21
SOLID LT&RT

ST. GEORGE
STA 53+57 TO 65+00
SOLID LT&RT

TOWN OF SHELBURNE
STA 31+50 TO 39+50 LT
STA 32+00 TO 35+00 RT
STA 45+50 TO 48+00 LT&RT
STA 56+50 TO 62+20 RT

TOWN OF ST. GEORGE
STA 53+60 TO 58+00 RT
STA 58+50 TO 61+50 RT



- LEGEND**
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-TO-B = BACK TO BACK
 - ⊕ ⊞ ⊠ CATCH BASIN/DI
 - (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
 - I YIELDING MARKER POST
 - ⊕ UTILITY POLE
 - ⊔ DRIVE

PAVING PROJECT LAYOUT SHEET #3

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

DESIGN FILE NO. p05b052.dgn

PRF FILE p05b0521a03 DATE 03-MAY-2012

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

SHEET **12** OF **42** SHEETS

REHABILITATION OF D.I.'S, C.B.'S, OR M.H.'S

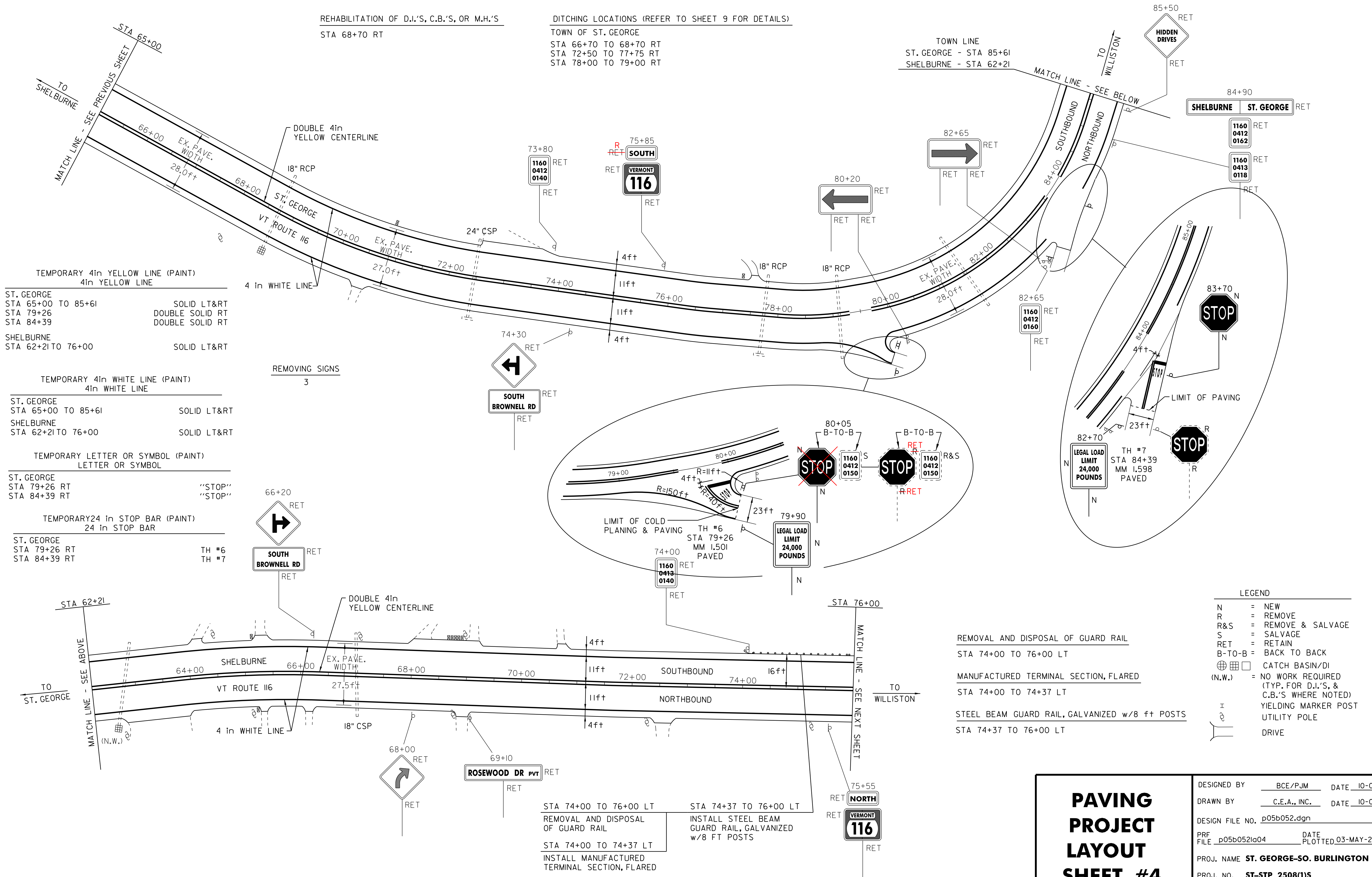
STA 68+70 RT

DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)

TOWN OF ST. GEORGE

STA 66+70 TO 68+70 RT
 STA 72+50 TO 77+75 RT
 STA 78+00 TO 79+00 RT

TOWN LINE
 ST. GEORGE - STA 85+61
 SHELBURNE - STA 62+21



TEMPORARY 4in YELLOW LINE (PAINT)
 4in YELLOW LINE

ST. GEORGE
 STA 65+00 TO 85+61 SOLID LT&RT
 STA 79+26 DOUBLE SOLID RT
 STA 84+39 DOUBLE SOLID RT

SHELBURNE
 STA 62+21 TO 76+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
 4in WHITE LINE

ST. GEORGE
 STA 65+00 TO 85+61 SOLID LT&RT
 SHELBURNE
 STA 62+21 TO 76+00 SOLID LT&RT

TEMPORARY LETTER OR SYMBOL (PAINT)
 LETTER OR SYMBOL

ST. GEORGE
 STA 79+26 RT "STOP"
 STA 84+39 RT "STOP"

TEMPORARY 24 in STOP BAR (PAINT)
 24 in STOP BAR

ST. GEORGE
 STA 79+26 RT TH #6
 STA 84+39 RT TH #7

REMOVING SIGNS
 3

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-T-O-B	=	BACK TO BACK
⊕	=	CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
⊥	=	YIELDING MARKER POST
⊥	=	UTILITY POLE
⊥	=	DRIVE

REMOVAL AND DISPOSAL OF GUARD RAIL
 STA 74+00 TO 76+00 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA 74+00 TO 74+37 LT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS
 STA 74+37 TO 76+00 LT

STA 74+00 TO 76+00 LT
 REMOVAL AND DISPOSAL OF GUARD RAIL

STA 74+37 TO 76+00 LT
 INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

STA 74+00 TO 74+37 LT
 INSTALL MANUFACTURED TERMINAL SECTION, FLARED

PAVING PROJECT LAYOUT SHEET #4

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

DESIGN FILE NO. p05b052.dgn

PRF FILE p05b052ia04 DATE 03-MAY-2012 PLOTTED

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

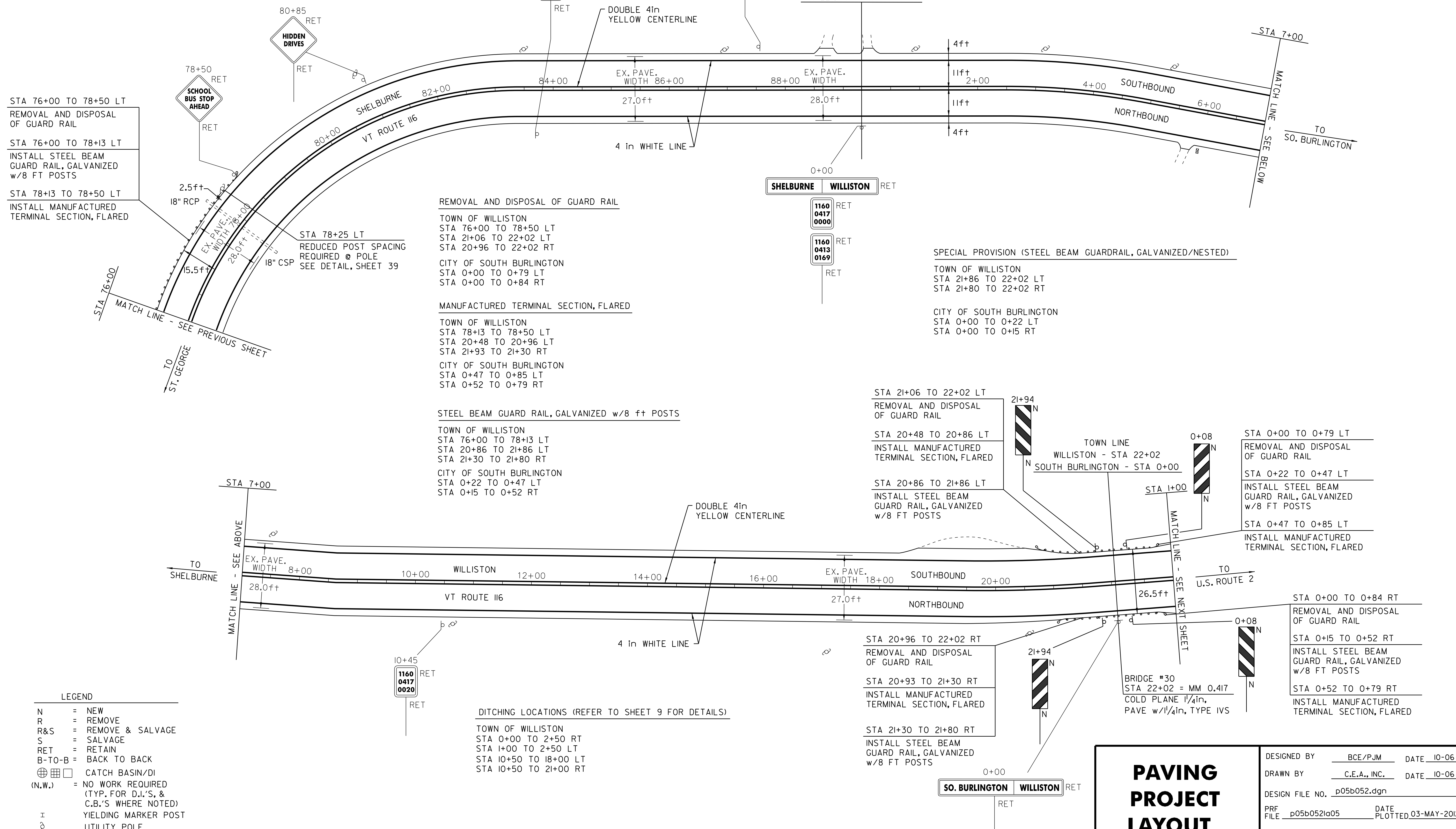
SHEET **13** OF **42** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE)

SHELBURNE
STA 76+00 TO 89+29
WILLISTON
STA 0+00 TO 22+02
SOUTH BURLINGTON
STA 0+00 TO 1+00

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE)

SHELBURNE
STA 76+00 TO 89+29
WILLISTON
STA 0+00 TO 22+02
SOUTH BURLINGTON
STA 0+00 TO 1+00



STA 76+00 TO 78+50 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 76+00 TO 78+13 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FT POSTS

STA 78+13 TO 78+50 LT
INSTALL MANUFACTURED
TERMINAL SECTION, FLARED

STA 78+25 LT
REDUCED POST SPACING
REQUIRED @ POLE
SEE DETAIL, SHEET 39

18" RCP
15.5ft
28.0ft
18" CSP

EX. PAVE. WIDTH 78+00
EX. PAVE. WIDTH 78+00

REMOVAL AND DISPOSAL OF GUARD RAIL

TOWN OF WILLISTON
STA 76+00 TO 78+50 LT
STA 21+06 TO 22+02 LT
STA 20+96 TO 22+02 RT

CITY OF SOUTH BURLINGTON
STA 0+00 TO 0+79 LT
STA 0+00 TO 0+84 RT

MANUFACTURED TERMINAL SECTION, FLARED

TOWN OF WILLISTON
STA 78+13 TO 78+50 LT
STA 20+48 TO 20+96 LT
STA 21+93 TO 21+30 RT

CITY OF SOUTH BURLINGTON
STA 0+47 TO 0+85 LT
STA 0+52 TO 0+79 RT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

TOWN OF WILLISTON
STA 76+00 TO 78+13 LT
STA 20+86 TO 21+86 LT
STA 21+30 TO 21+80 RT

CITY OF SOUTH BURLINGTON
STA 0+22 TO 0+47 LT
STA 0+15 TO 0+52 RT

STA 21+06 TO 22+02 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 20+48 TO 20+86 LT
INSTALL MANUFACTURED
TERMINAL SECTION, FLARED

STA 20+86 TO 21+86 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FT POSTS

STA 0+00 TO 0+79 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 0+22 TO 0+47 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FT POSTS

STA 0+47 TO 0+85 LT
INSTALL MANUFACTURED
TERMINAL SECTION, FLARED

STA 0+00 TO 0+84 RT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 0+15 TO 0+52 RT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FT POSTS

STA 0+52 TO 0+79 RT
INSTALL MANUFACTURED
TERMINAL SECTION, FLARED

DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)

TOWN OF WILLISTON
STA 0+00 TO 2+50 RT
STA 1+00 TO 2+50 LT
STA 10+50 TO 18+00 LT
STA 10+50 TO 21+00 RT

STA 20+96 TO 22+02 RT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 20+93 TO 21+30 RT
INSTALL MANUFACTURED
TERMINAL SECTION, FLARED

STA 21+30 TO 21+80 RT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FT POSTS

BRIDGE #30
STA 22+02 = MM 0.417
COLD PLANE 1 1/4 in,
PAVE w/1 1/4 in, TYPE IVS

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕	=	CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I	=	YIELDING MARKER POST
⊕	=	UTILITY POLE
⌋	=	DRIVE

PAVING PROJECT LAYOUT SHEET #5

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

DESIGN FILE NO. p05b052.dgn

PRF FILE p05b052a05 DATE 03-MAY-2012

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

SHEET **14** OF **42** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE

STA 1+00 TO 43+00 SOLID LT&RT
STA 12+92 DOUBLE SOLID LT

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

STA 1+00 TO 43+00 SOLID LT&RT

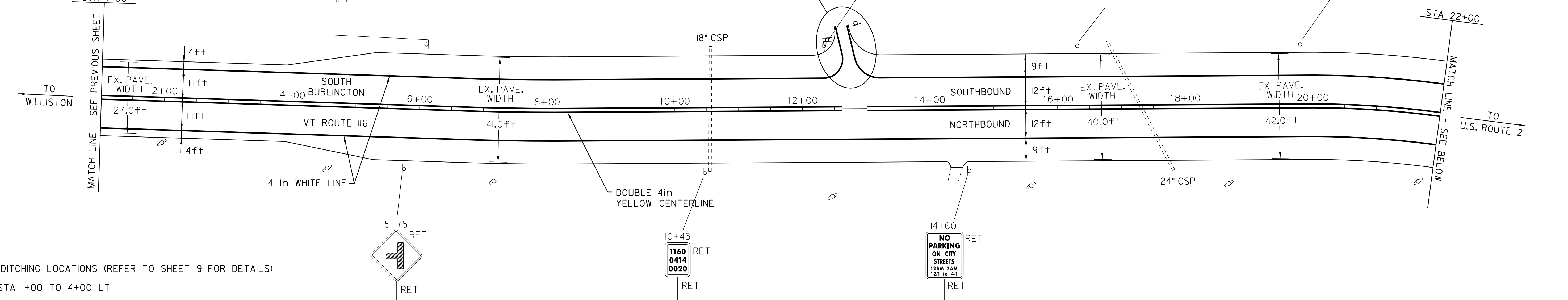
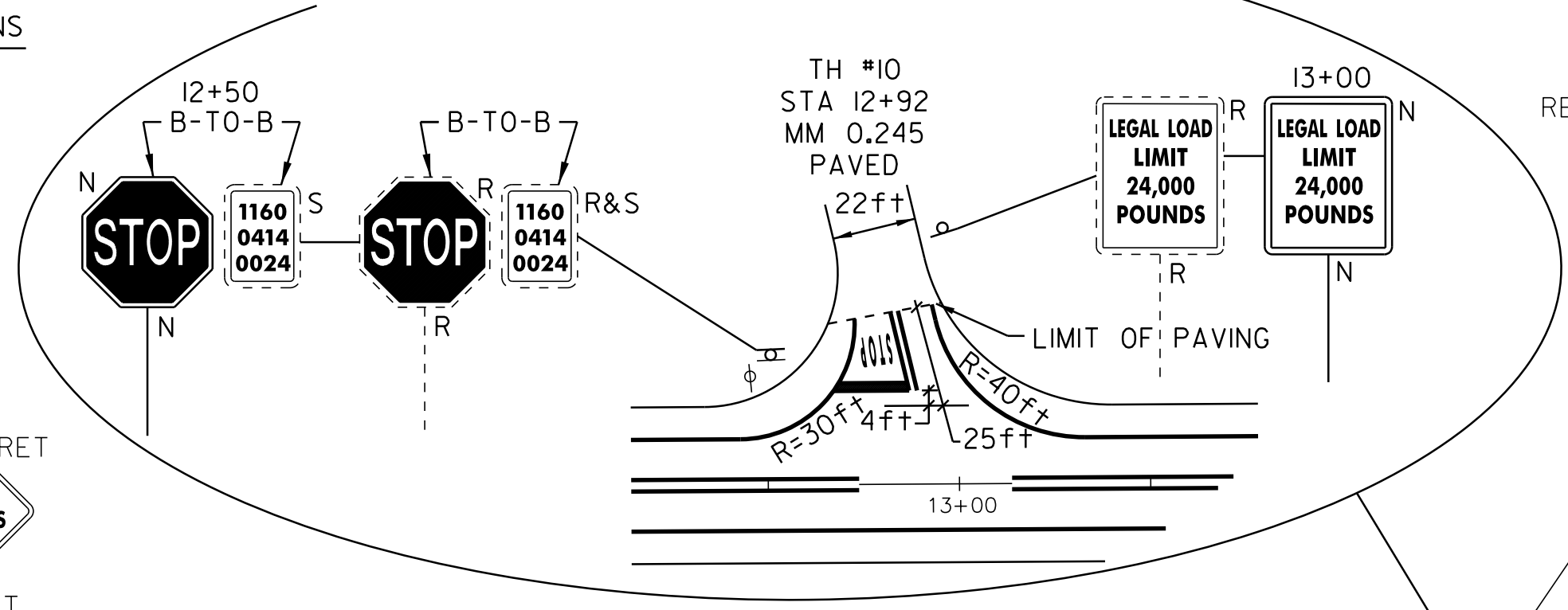
TEMPORARY LETTER OR SYMBOL (PAINT)
LETTER OR SYMBOL

STA 12+92 LT "STOP"

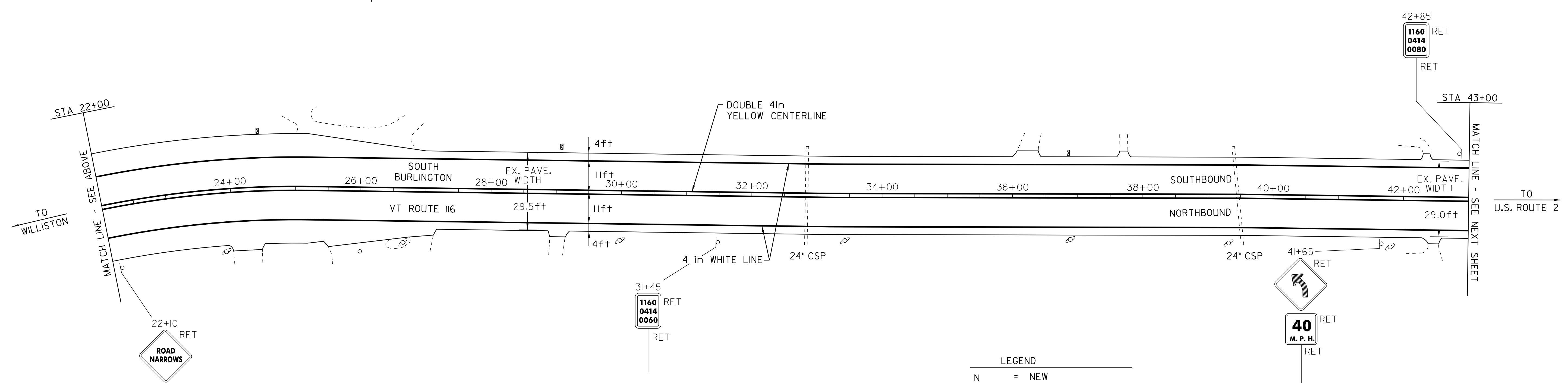
TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR

STA 12+92 LT TH #10

REMOVING SIGNS
3



DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)
STA 1+00 TO 4+00 LT



LEGEND

N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕	= CATCH BASIN/DI
(N.W.)	= NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I	= YIELDING MARKER POST
⊗	= UTILITY POLE
⌋	= DRIVE

PAVING PROJECT LAYOUT SHEET #6

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052a06	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	15	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE

STA 43+00 TO 85+00 SOLID LT&RT
STA 63+37 DOUBLE SOLID RT
STA 73+45 DOUBLE SOLID RT

TEMPORARY LETTER OR SYMBOL (PAINT)
LETTER OR SYMBOL

STA 63+37 RT "STOP"
STA 73+45 RT "STOP"

REMOVING SIGNS
6

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

STA 43+00 TO 85+00 SOLID LT&RT

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR

STA 63+37 RT TH #23
STA 73+45 RT TH #146

50+75
FLASHING YELLOW LIGHT MISSING
RET

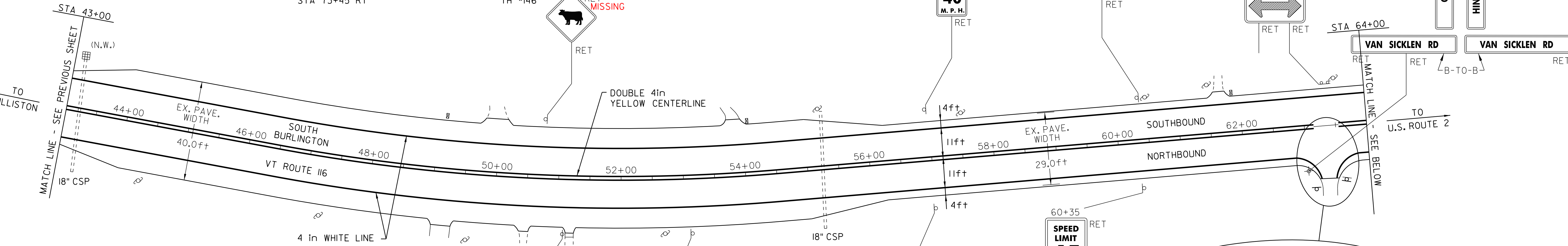
57+00 RET
40 M.P.H. RET

60+35 RET
SPEED LIMIT 50 RET

17+10 RET
RET

63+05 B-TO-B
HINESBURG RD
RET

STA 64+00
VAN SICKLEN RD
RET



DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)

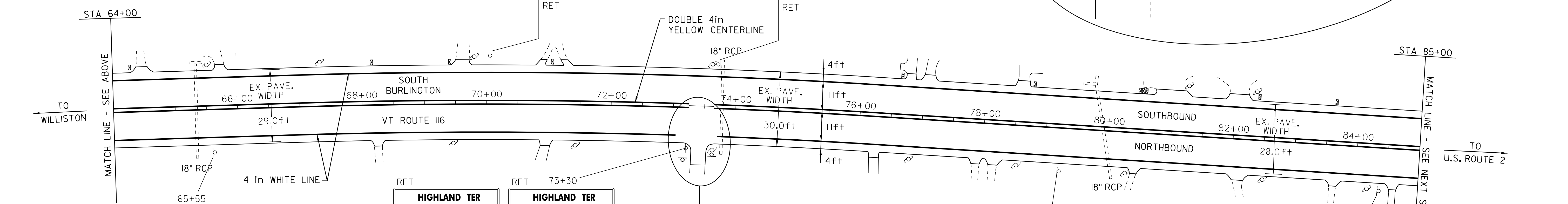
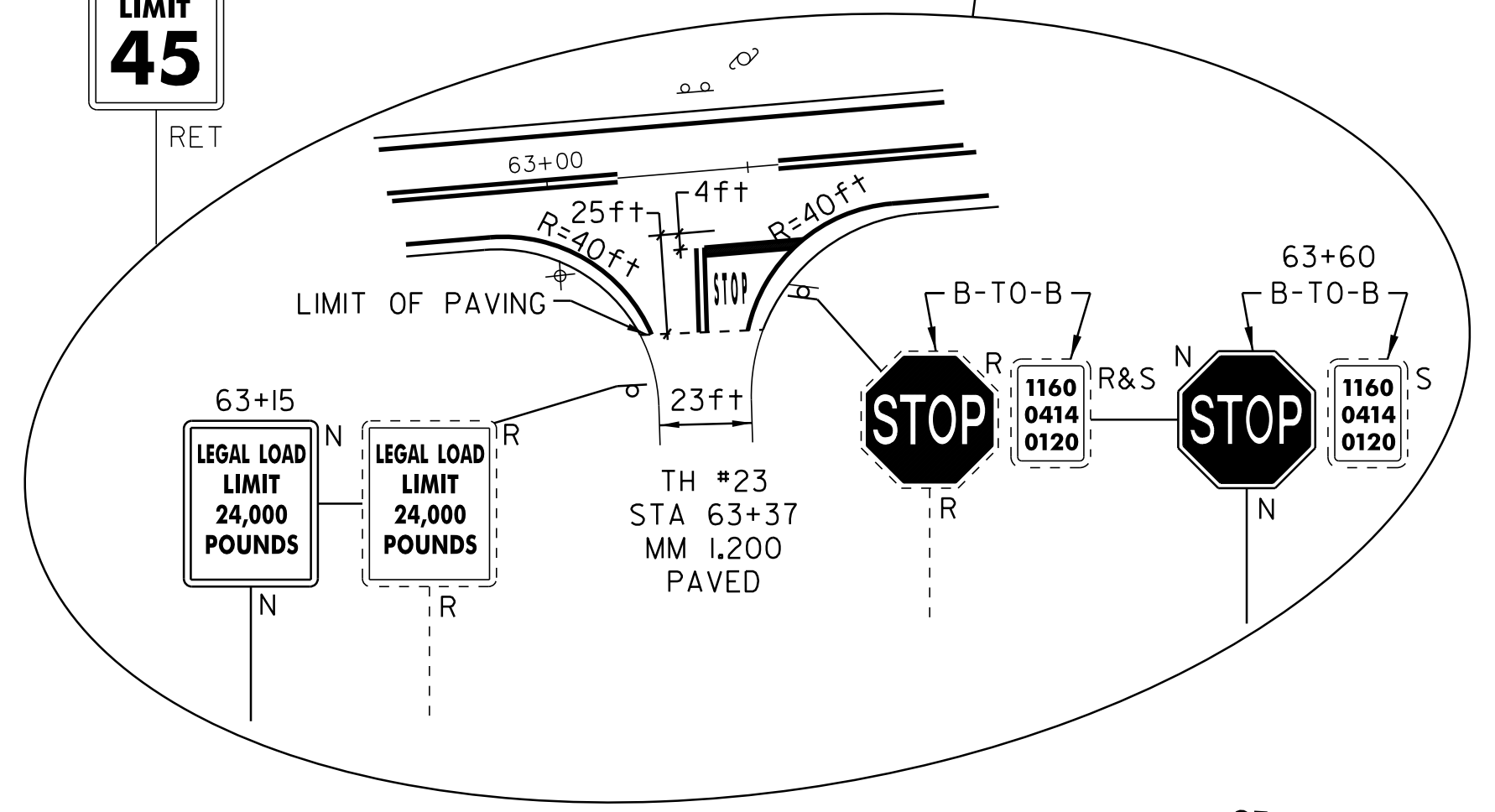
STA 55+40 TO 63+00 RT
STA 55+40 TO 69+50 LT

51+07
60+10
HIDDENMEADOW LN
RET

53+10 RET
REDUCED SPEED AHEAD RET

57+00 RET
RET

60+35 RET
SPEED LIMIT 45 RET



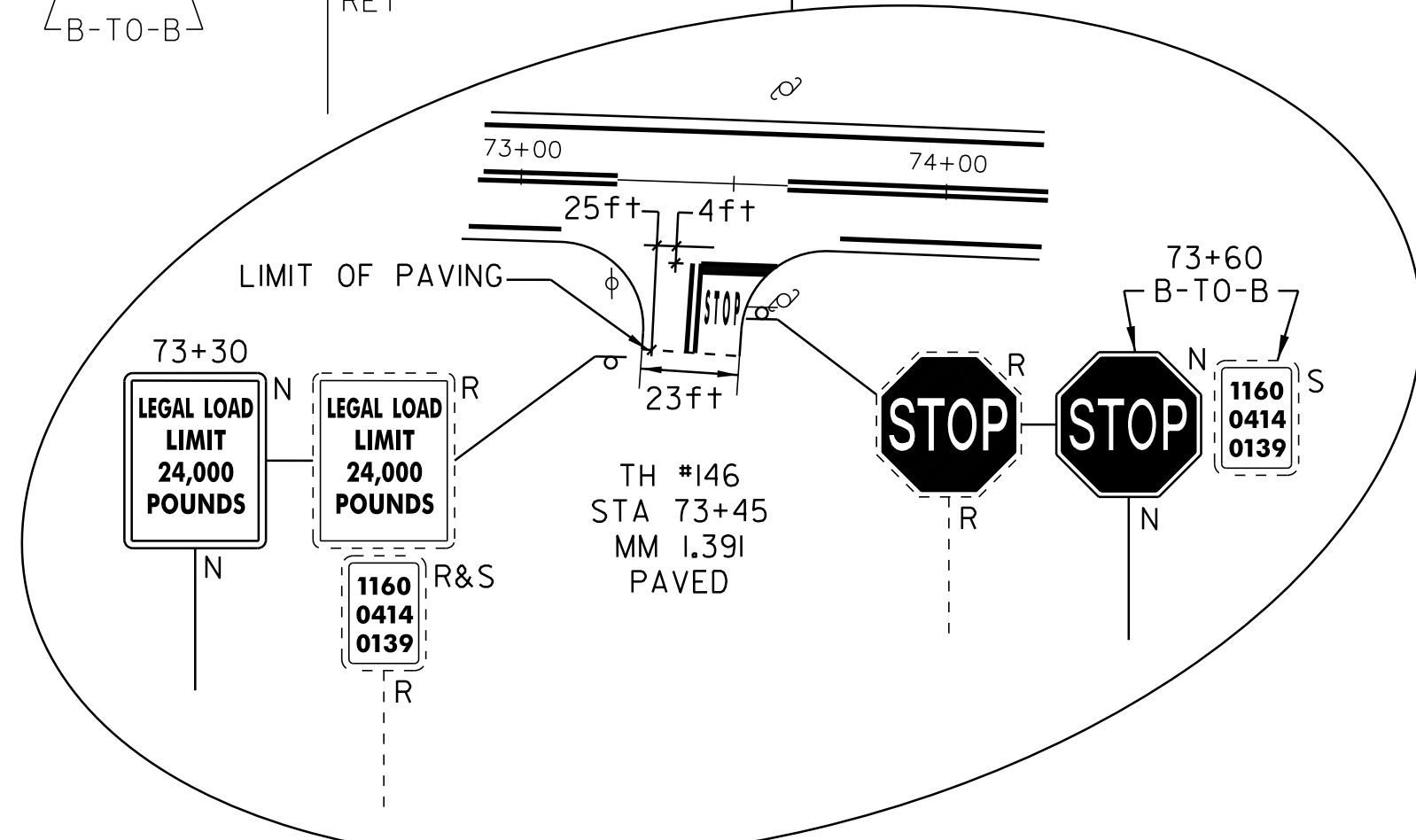
73+30 RET
HIGHLAND TER
RET

73+70 RET
1160 0414 0140 RET

79+20 RET
RET

84+35 RET
1160 0414 0160 RET

- LEGEND
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-TO-B = BACK TO BACK
 - ⊕ ⊞ ⊠ = CATCH BASIN/DI
 - (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
 - I = YIELDING MARKER POST
 - ⊕ = UTILITY POLE
 - = DRIVE



PAVING PROJECT LAYOUT SHEET #7

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

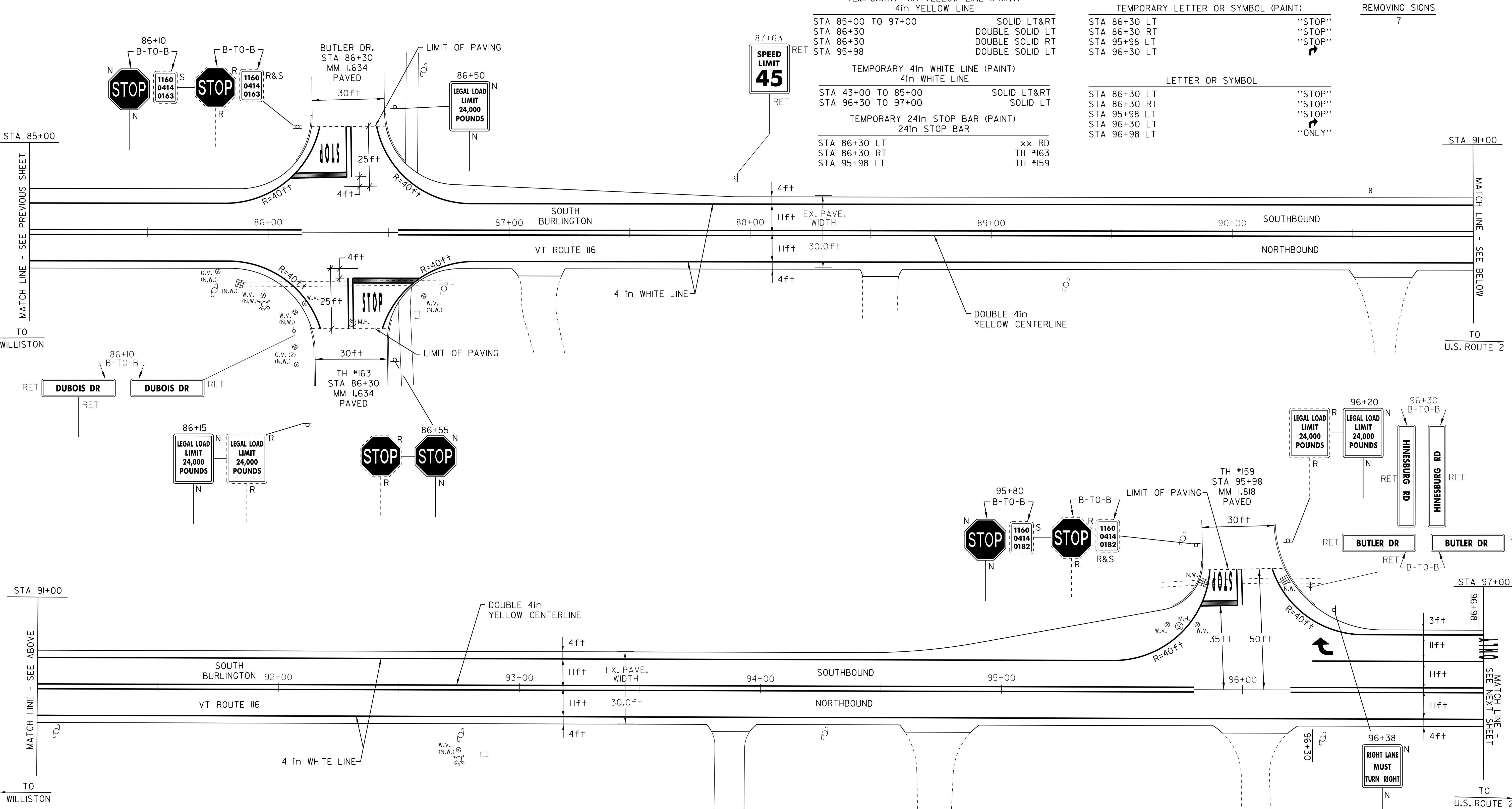
DESIGN FILE NO. p05b052.dgn

PRF FILE p05b0521a07 DATE 03-MAY-2012

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

SHEET **16** OF **42** SHEETS



TEMPORARY 4in YELLOW LINE (PAINT)	TEMPORARY LETTER OR SYMBOL (PAINT)	REMOVING SIGNS
STA 85+00 TO 97+00	SOLID LT&RT	"STOP"
STA 86+30	DOUBLE SOLID LT	"STOP"
STA 86+30	DOUBLE SOLID RT	"STOP"
STA 95+98	DOUBLE SOLID LT	"STOP"
STA 96+30	DOUBLE SOLID RT	"STOP"
STA 43+00 TO 85+00	SOLID LT&RT	"STOP"
STA 96+30 TO 97+00	SOLID LT	"STOP"
STA 86+30 LT	xx RD	"ONLY"
STA 86+30 RT	TH #163	
STA 95+98 LT	TH #159	

- LEGEND**
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-T-O-B = BACK TO BACK
 - ⊕ ⊞ = CATCH BASIN/DI
 - (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
 - ⊕ = YIELDING MARKER POST
 - ⊕ = UTILITY POLE
 - ⊕ = DRIVE

DITCHING LOCATIONS (REFER TO SHEET 9 FOR DETAILS)
 STA 86+75 TO 90+50 RT

CHANGE ELEVATION OF SEWER MANHOLE (WORK TO BE DONE BY OTHERS)
 STA 86+30 RT
 STA 95+75 LT

ADJUST ELEVATION OF VALVE BOX (WORK TO BE DONE BY OTHERS)
 STA 86+15 RT
 STA 95+70 LT
 STA 95+80 LT

PAVING PROJECT LAYOUT SHEET #8

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b0521a08	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	17	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE
STA 97+00 TO 108+00 SOLID LT&RT

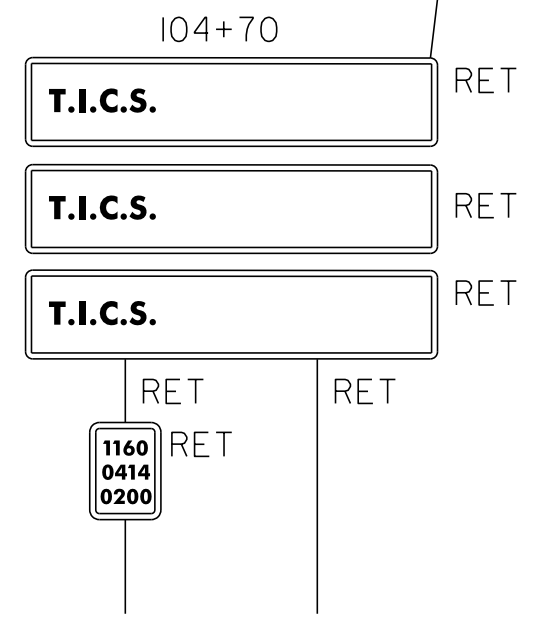
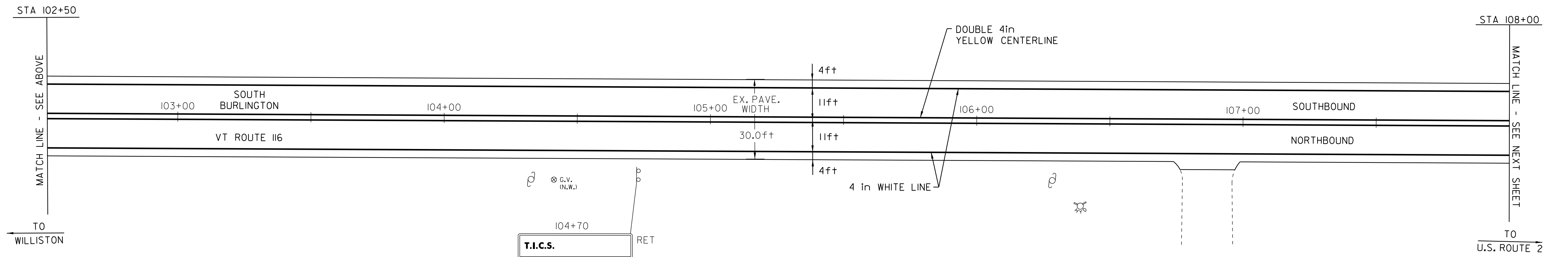
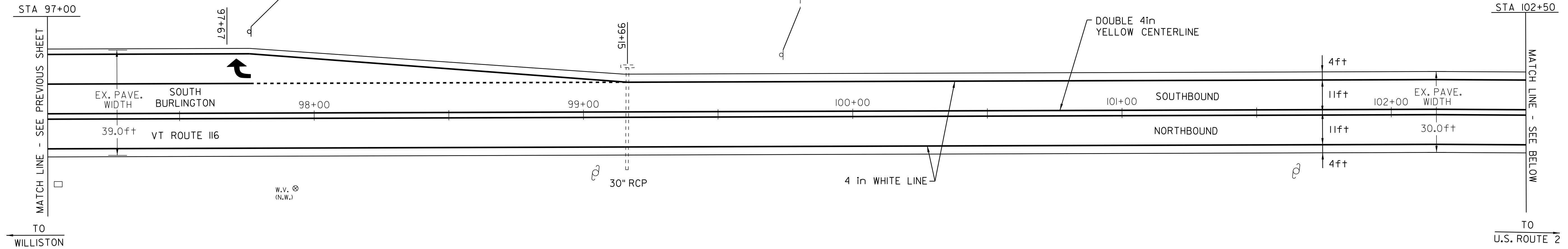
TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE
STA 97+00 TO 108+00 SOLID LT&RT
STA 97+00 TO 97+75 SOLID LT
STA 97+75 TO 99+15 DOTTED LT

TEMPORARY LETTER OR SYMBOL (PAINT)
STA 97+67 LT

LETTER OR SYMBOL
STA 97+67 LT

REMOVING SIGNS
2

99+75
RIGHT LANE FOR RIGHT TURN



LEGEND

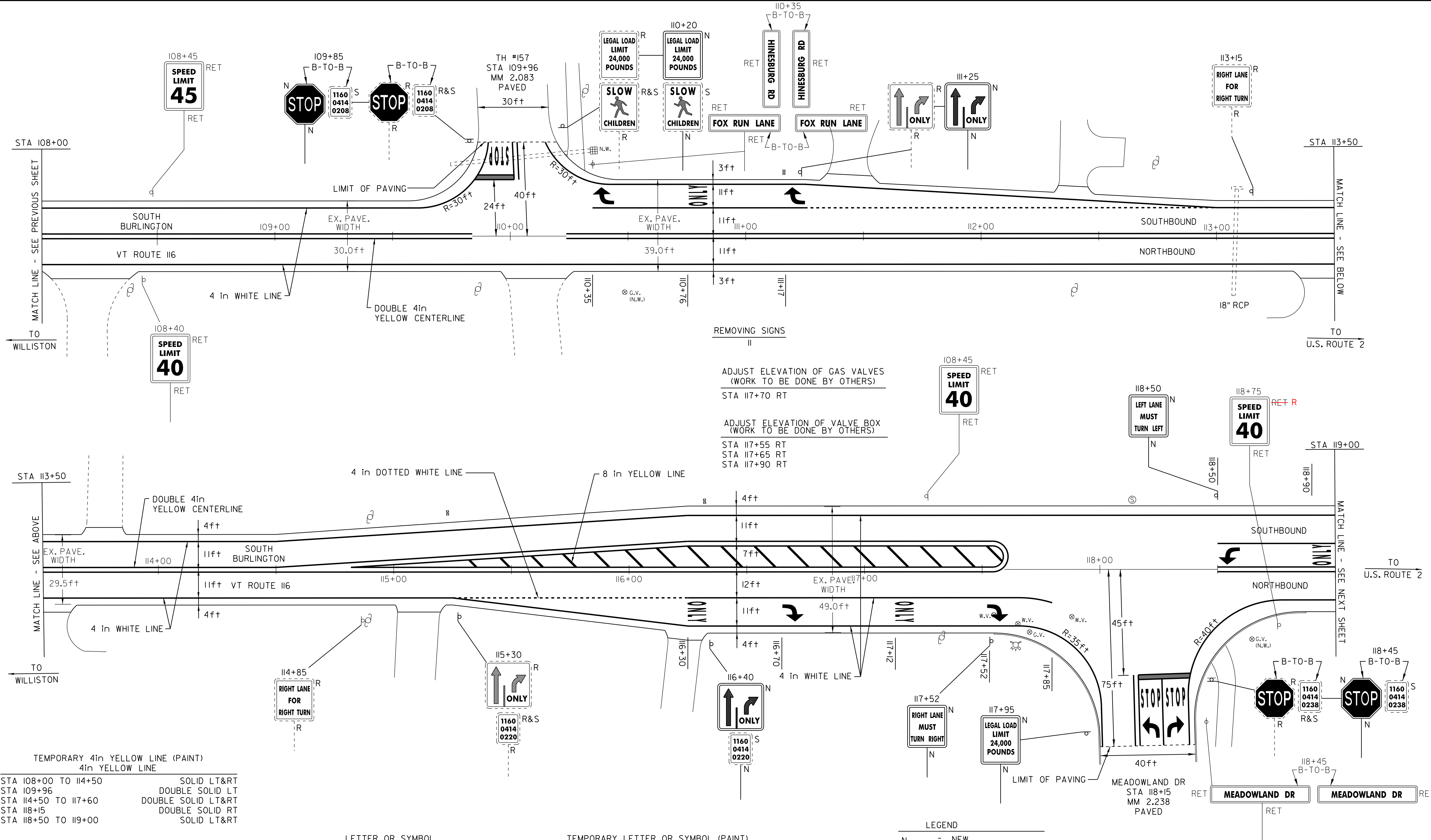
N = NEW
R = REMOVE
R&S = REMOVE & SALVAGE
S = SALVAGE
RET = RETAIN
B-TO-B = BACK TO BACK

⊕ ⊞ □ CATCH BASIN/DI
(N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S. & C.B.'S WHERE NOTED)

I YIELDING MARKER POST
∅ UTILITY POLE
⌈ DRIVE

PAVING PROJECT LAYOUT SHEET #9

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b0521a09	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	18	OF	42 SHEETS



ADJUST ELEVATION OF GAS VALVES
(WORK TO BE DONE BY OTHERS)
STA 117+70 RT

ADJUST ELEVATION OF VALVE BOX
(WORK TO BE DONE BY OTHERS)
STA 117+55 RT
STA 117+65 RT
STA 117+90 RT

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE

STA 108+00 TO 114+50	SOLID LT&RT
STA 109+96	DOUBLE SOLID LT
STA 114+50 TO 117+60	DOUBLE SOLID LT&RT
STA 118+15	DOUBLE SOLID RT
STA 118+50 TO 119+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

STA 108+00 TO 119+00	SOLID LT&RT
STA 110+35 TO 113+25	SOLID LT
STA 113+25 TO 113+00	DOTTED LT
STA 115+30 TO 116+30	DOTTED RT
STA 116+30 TO 117+85	SOLID RT

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR

STA 109+96 RT	TH #157
STA 118+50 LT	MEADOWLAND DR

LETTER OR SYMBOL

STA 109+96 LT	"STOP"
STA 110+35 LT	"ONLY"
STA 110+76 LT	"ONLY"
STA 113+17 LT	"ONLY"
STA 116+30 RT	"ONLY"
STA 116+70 RT	"ONLY"
STA 117+12 RT	"ONLY"
STA 117+52 RT	"STOP"
STA 118+15 RT	"STOP"
STA 118+50 LT	"STOP"
STA 118+90 LT	"ONLY"

TEMPORARY LETTER OR SYMBOL (PAINT)

STA 109+96 LT	"STOP"
STA 110+35 LT	"ONLY"
STA 113+17 LT	"ONLY"
STA 116+70 RT	"ONLY"
STA 117+52 RT	"STOP"
STA 118+15 RT	"STOP"
STA 118+50 LT	"STOP"
STA 114+50 TO 117+60	PAINTED ISLAND

LEGEND

- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGE
- RET = RETAIN
- B-TO-B = BACK TO BACK
- ⊕ ⊞ ⊠ = CATCH BASIN/DI (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S. & C.B.'S WHERE NOTED)
- ⊕ = YIELDING MARKER POST
- ⊕ = UTILITY POLE
- ⊕ = DRIVE

PAVING PROJECT LAYOUT SHEET #10

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052la10	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	19	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE

STA 119+00 TO 121+25 SOLID LT&RT
STA 121+25 TO 124+50 DOUBLE SOLID LT&RT
STA 124+50 TO 130+00 SOLID LT&RT
STA 129+00 TO 130+00 DOUBLE SOLID LT

LETTER OR SYMBOL

STA 120+02 LT
STA 120+42 LT

"ONLY"

REMOVING SIGNS
2

123+40
T.I.C.S. RET
T.I.C.S. RET
T.I.C.S. RET
RET RET

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

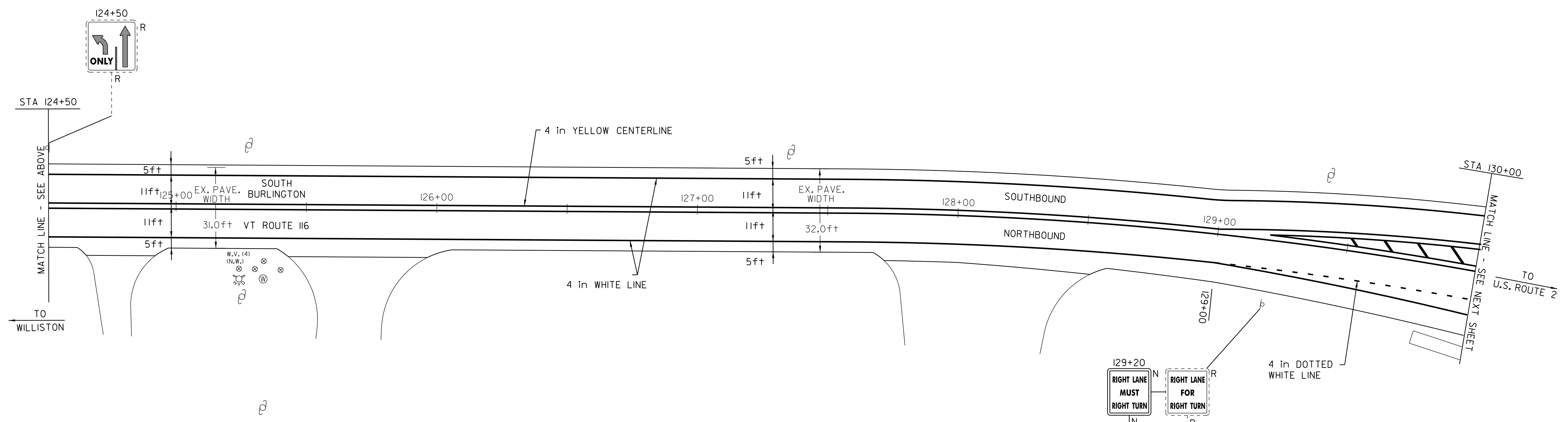
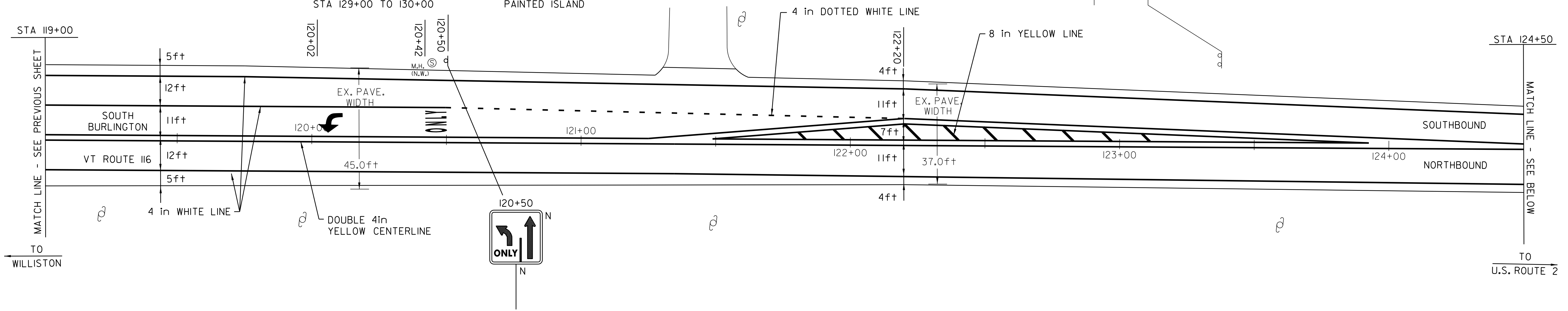
STA 119+00 TO 130+00 SOLID LT&RT
STA 119+00 TO 120+50 SOLID LT
STA 120+50 TO 122+20 DOTTED LT
STA 129+00 TO 130+00 DOTTED RT

TEMPORARY LETTER OR SYMBOL (PAINT)

STA 120+02 LT

8in YELLOW LINE

STA 121+25 TO 124+50 PAINTED ISLAND
STA 129+00 TO 130+00 PAINTED ISLAND



- LEGEND
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-TO-B = BACK TO BACK
 - ⊕ ⊞ □ CATCH BASIN/DI
 - (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
 - I YIELDING MARKER POST
 - ⊕ UTILITY POLE
 - DRIVE

PAVING PROJECT LAYOUT SHEET #11

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052a11	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	20	OF	42 SHEETS

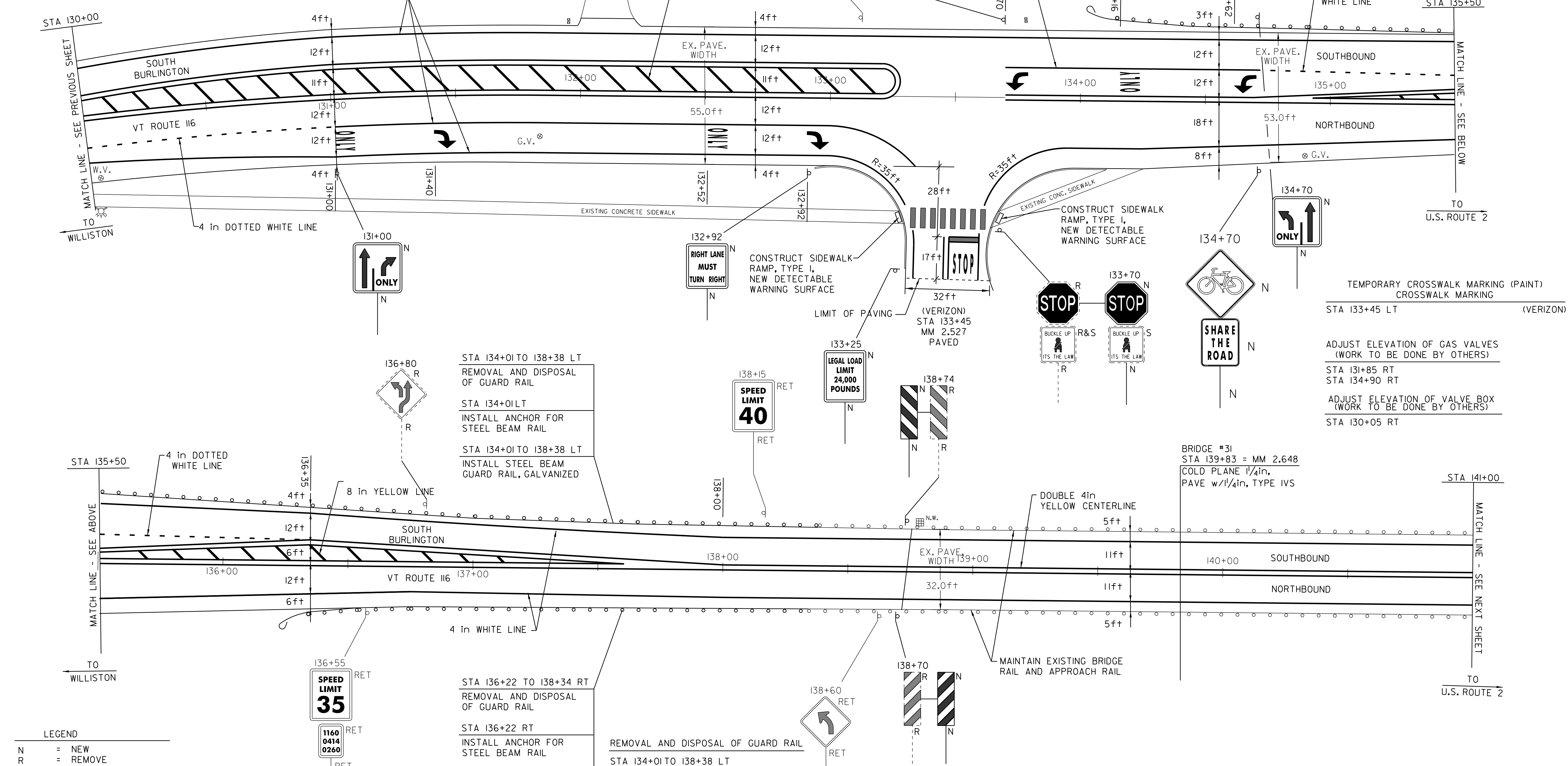
TEMPORARY 4in YELLOW LINE (PAINT)	
STA 130+00 TO 141+00	SOLID LT&RT
STA 130+00 TO 133+25	DOUBLE SOLID LT
STA 133+45	DOUBLE SOLID RT
STA 134+70 TO 138+00	DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	
REMOVING SIGNS	ERECTING SALVAGED SIGNS
5	1

TEMPORARY 4in WHITE LINE (PAINT)	
STA 130+00 TO 141+00	SOLID LT&RT
STA 130+00 TO 131+00	DOTTED RT
STA 131+00 TO 133+35	SOLID RT
STA 133+70 TO 134+70	SOLID LT
STA 134+70 TO 136+35	DOTTED LT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)	

LETTER OR SYMBOL	
STA 131+00 RT	"ONLY"
STA 131+40 RT	"ONLY"
STA 132+52 RT	"ONLY"
STA 132+92 RT	"STOP"
STA 133+45 RT	"STOP"
STA 133+70 LT	"ONLY"
STA 134+16 LT	"ONLY"
STA 134+62 LT	"ONLY"

TEMPORARY LETTER OR SYMBOL (PAINT)	
STA 131+40 RT	"STOP"
STA 132+92 RT	"STOP"
STA 133+45 RT	"STOP"
STA 133+70 LT	"STOP"
STA 134+62 LT	"STOP"

TEMPORARY 24in STOP BAR (PAINT)	
STA 133+45 RT	(VERIZON)
8in YELLOW LINE	
STA 130+00 TO 133+25	PAINTED ISLAND
STA 134+70 TO 138+00	PAINTED ISLAND



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
⊕ □	CATCH BASIN/DI
(N.W.)	= NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
⊕	YIELDING MARKER POST
⊕	UTILITY POLE
⊕	DRIVE

STA 134+01 TO 138+38 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 134+01 LT
INSTALL ANCHOR FOR STEEL BEAM RAIL

STA 134+01 TO 138+38 LT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

STA 136+22 TO 138+34 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 136+22 RT
INSTALL ANCHOR FOR STEEL BEAM RAIL

STA 136+22 TO 138+34 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 134+01 TO 138+38 LT
STA 136+22 TO 138+34 RT

ANCHOR FOR STEEL BEAM RAIL

STA 134+01 LT
STA 136+22 RT

STEEL BEAM GUARD RAIL, GALVANIZED

STA 134+01 TO 138+38 LT
STA 136+22 TO 138+34 RT

PAVING PROJECT LAYOUT SHEET #12

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052al2	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	21	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE
STA 141+00 TO 152+00
SOLID LT&RT
STA 147+10
DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

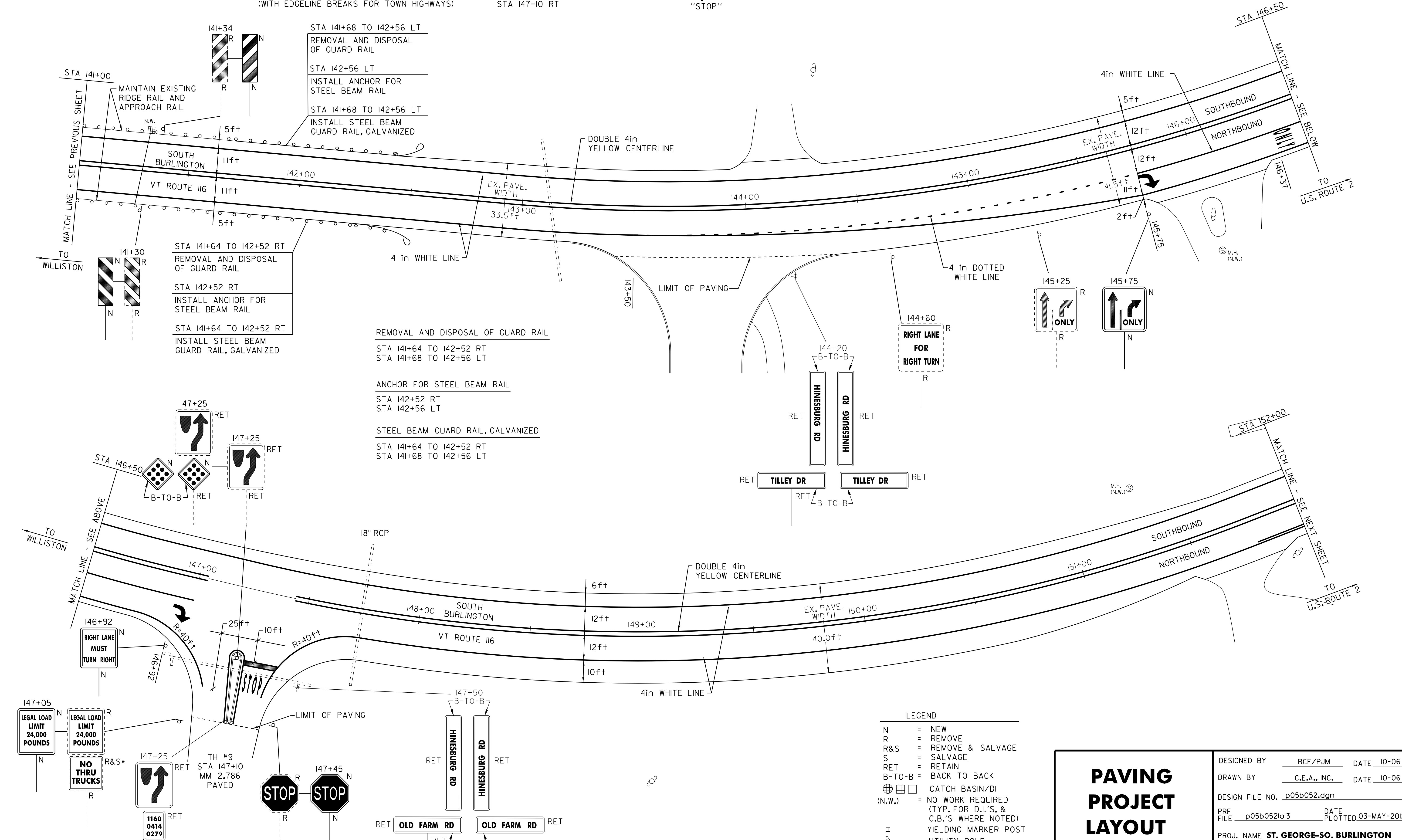
TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE
STA 141+00 TO 152+00
SOLID LT&RT
STA 143+50 TO 145+75
DOTTED RT
STA 145+75 TO 147+00
SOLID RT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)

LETTER OR SYMBOL
STA 145+75 RT
STA 146+37 RT
STA 146+92 RT
STA 147+10 RT
"ONLY"
"STOP"

TEMPORARY LETTER OR SYMBOL (PAINT)
STA 145+75 RT
STA 146+92 RT
STA 147+10 RT
"STOP"

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR
STA 147+10 RT
TH #9

REMOVING SIGNS
7



REMOVAL AND DISPOSAL OF GUARD RAIL
STA 141+64 TO 142+52 RT
STA 141+68 TO 142+56 LT

ANCHOR FOR STEEL BEAM RAIL
STA 142+52 RT
STA 142+56 LT

STEEL BEAM GUARD RAIL, GALVANIZED
STA 141+64 TO 142+52 RT
STA 141+68 TO 142+56 LT

LEGEND

- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGE
- RET = RETAIN
- B-T-O-B = BACK TO BACK
- ☐ = CATCH BASIN/DI (N.W.)
- ⊕ = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
- ⊙ = YIELDING MARKER POST
- ⊙ = UTILITY POLE
- ⊙ = DRIVE

PAVING PROJECT LAYOUT SHEET #13

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052la13	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	22	OF	42 SHEETS

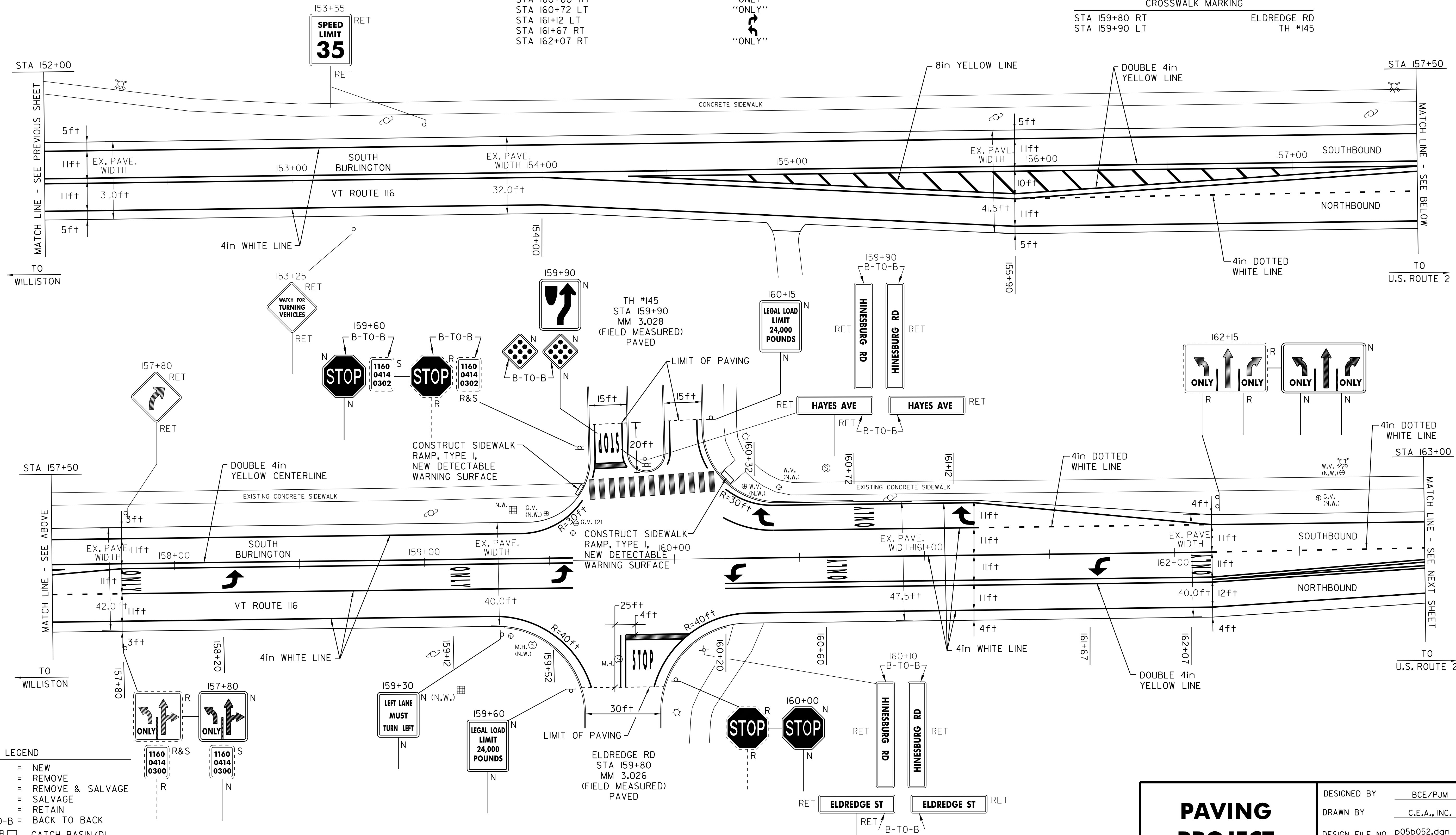
CONTRACTOR SHALL DELIVER "NO THRU TRUCKS" SIGN TO THE CITY OF SO. BURLINGTON

TEMPORARY 4in YELLOW LINE (PAINT)	4in WHITE LINE
STA 152+00 TO 159+60	SOLID LT&RT
STA 154+00 TO 157+80	DOUBLE SOLID RT
STA 160+20 TO 162+15	DOUBLE SOLID RT
STA 162+15 TO 163+00	(2) DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	

TEMPORARY 4in WHITE LINE	4in WHITE LINE
STA 152+00 TO 163+00	SOLID LT&RT
STA 155+90 TO 157+80	DOTTED RT
STA 157+80 TO 159+60	SOLID RT
STA 160+20 TO 161+20	SOLID LT
STA 160+20 TO 162+15	SOLID LT
STA 161+20 TO 162+15	DOTTED LT
STA 162+15 TO 163+00	DOTTED LT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)	

LETTER OR SYMBOL	TEMPORARY LETTER OR SYMBOL (PAINT)
STA 157+80 RT	"ONLY"
STA 158+20 RT	"ONLY"
STA 159+12 RT	"STOP"
STA 159+52 RT	"STOP"
STA 159+80 RT	"STOP"
STA 159+90 LT	"STOP"
STA 160+20 RT	"ONLY"
STA 160+32 LT	"ONLY"
STA 160+60 RT	"ONLY"
STA 160+72 LT	"ONLY"
STA 161+12 LT	"ONLY"
STA 161+67 RT	"ONLY"
STA 162+07 RT	"ONLY"

TEMPORARY 24in STOP BAR (PAINT)	REMOVING SIGNS
STA 159+80 RT	ELDREDGE RD TH #145
STA 159+90 LT	TH #145
8in YELLOW LINE	
STA 154+00 TO 157+80	PAINTED ISLAND
STA 162+15 TO 163+00	PAINTED ISLAND
TEMPORARY CROSSWALK MARKING (PAINT)	
CROSSWALK MARKING	
STA 159+80 RT	ELDREDGE RD TH #145
STA 159+90 LT	TH #145



LEGEND

- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGE
- RET = RETAIN
- B-T-O-B = BACK TO BACK
- ⊕ ⊞ ⊠ = CATCH BASIN/DI
- (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
- ⊕ = YIELDING MARKER POST
- ⊕ = UTILITY POLE
- ⊕ = DRIVE

ADJUST ELEVATION OF GAS VALVES (WORK TO BE DONE BY OTHERS)
 STA 159+60 LT - 2

CHANGE ELEVATION OF SEWER MANHOLE (WORK TO BE DONE BY OTHERS)
 STA 159+80 RT

PAVING PROJECT LAYOUT SHEET #14

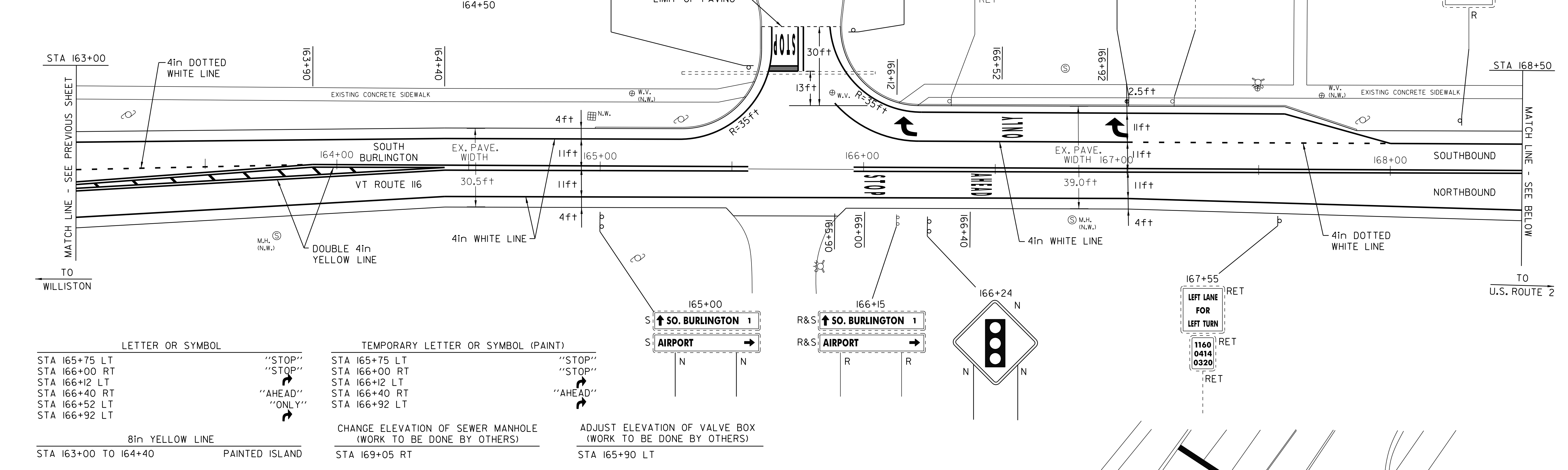
DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052a14	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	23	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE
STA 163+00 TO 169+25 SOLID LT&RT
STA 165+75 DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR
STA 165+75 LT COUNTRY PARK

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE
STA 163+00 TO 169+25 SOLID LT&RT
STA 163+00 TO 163+90 DOTTED LT
STA 165+90 TO 167+00 SOLID LT
STA 167+00 TO 168+00 DOTTED LT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

REMOVING SIGNS
4



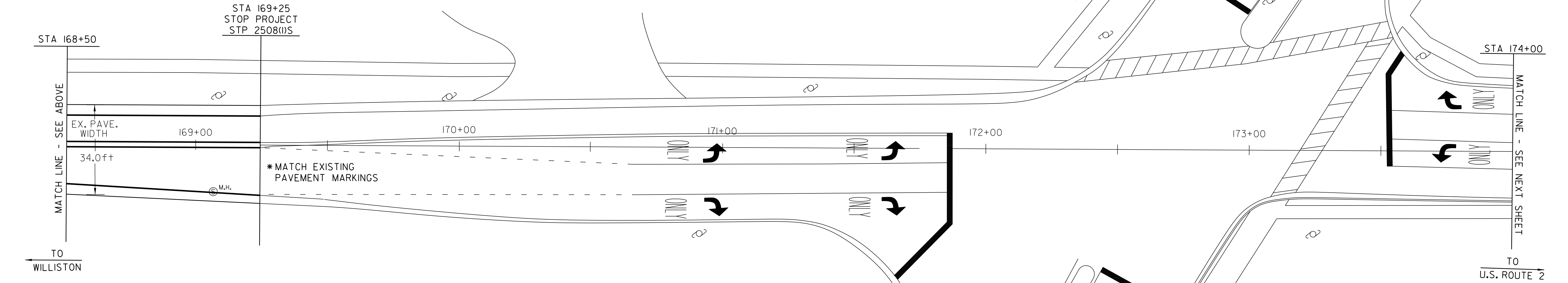
LETTER OR SYMBOL	TEMPORARY LETTER OR SYMBOL (PAINT)
STA 165+75 LT	"STOP"
STA 166+00 RT	"STOP"
STA 166+12 LT	"STOP"
STA 166+40 RT	"AHEAD"
STA 166+52 LT	"ONLY"
STA 166+92 LT	"ONLY"

LETTER OR SYMBOL	TEMPORARY LETTER OR SYMBOL (PAINT)
STA 165+75 LT	"STOP"
STA 166+00 RT	"STOP"
STA 166+12 LT	"STOP"
STA 166+40 RT	"AHEAD"
STA 166+92 LT	"ONLY"

8in YELLOW LINE
STA 163+00 TO 164+40 PAINTED ISLAND

CHANGE ELEVATION OF SEWER MANHOLE
(WORK TO BE DONE BY OTHERS)
STA 169+05 RT

ADJUST ELEVATION OF VALVE BOX
(WORK TO BE DONE BY OTHERS)
STA 165+90 LT



LEGEND

- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGE
- RET = RETAIN
- B-TO-B = BACK TO BACK
- ⊕ □ = CATCH BASIN/DI
- (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
- ⊕ = YIELDING MARKER POST
- ⊕ = UTILITY POLE
- ⊕ = DRIVE

PAVING PROJECT LAYOUT SHEET #15

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052la15	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	24	OF	42 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE
STA 175+30 TO 185+00
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

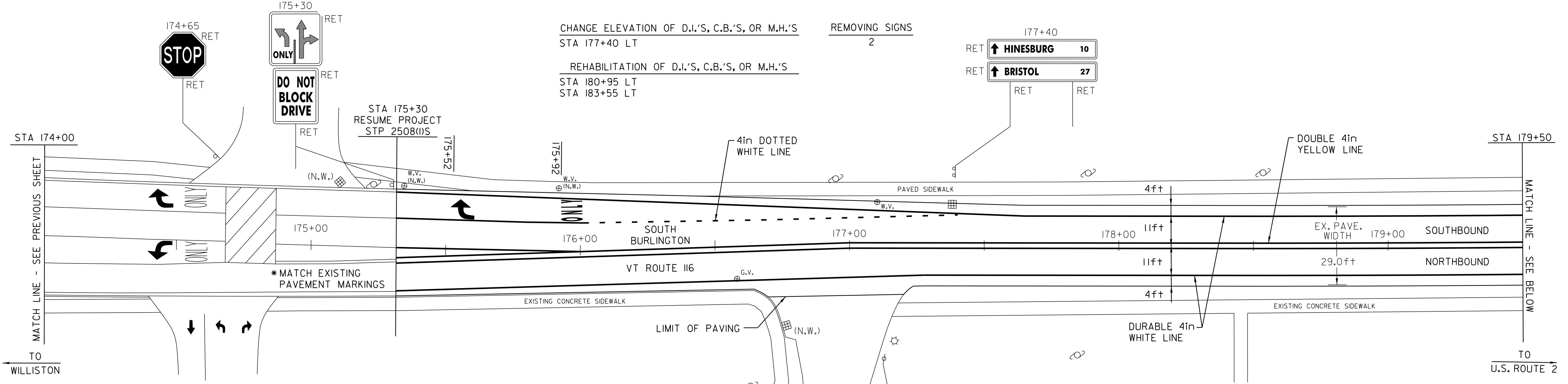
TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE
STA 175+30 TO 185+00
SOLID LT&RT
STA 175+30 TO 176+00
STA 176+00 TO 177+45
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

LETTER OR SYMBOL
STA 175+52 LT
STA 175+92 LT
STA 179+76 LT
STA 180+16 LT
"ONLY"
"AHEAD"
"SIGNAL"

TEMPORARY LETTER OR SYMBOL (PAINT)
STA 175+52 LT
STA 179+76 LT
STA 180+16 LT
"AHEAD"
"SIGNAL"

ADJUST ELEVATION OF GAS VALVES
(WORK TO BE DONE BY OTHERS)
STA 176+60 RT

CHANGE ELEVATION OF SEWER MANHOLE
(WORK TO BE DONE BY OTHERS)
STA 184+70 LT

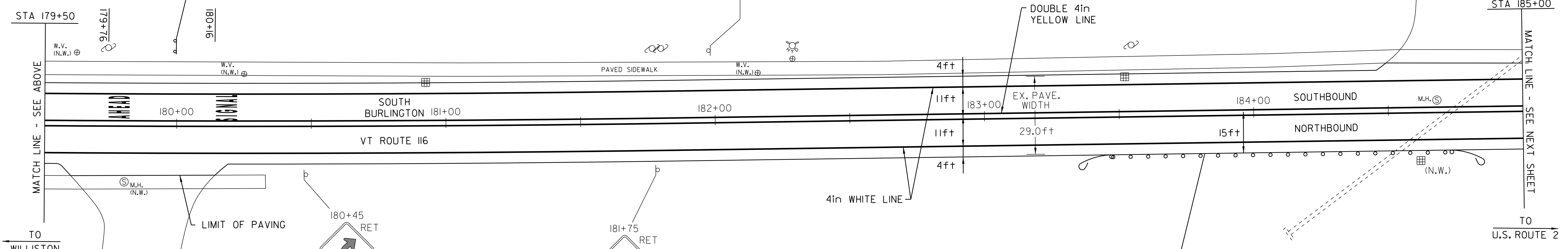
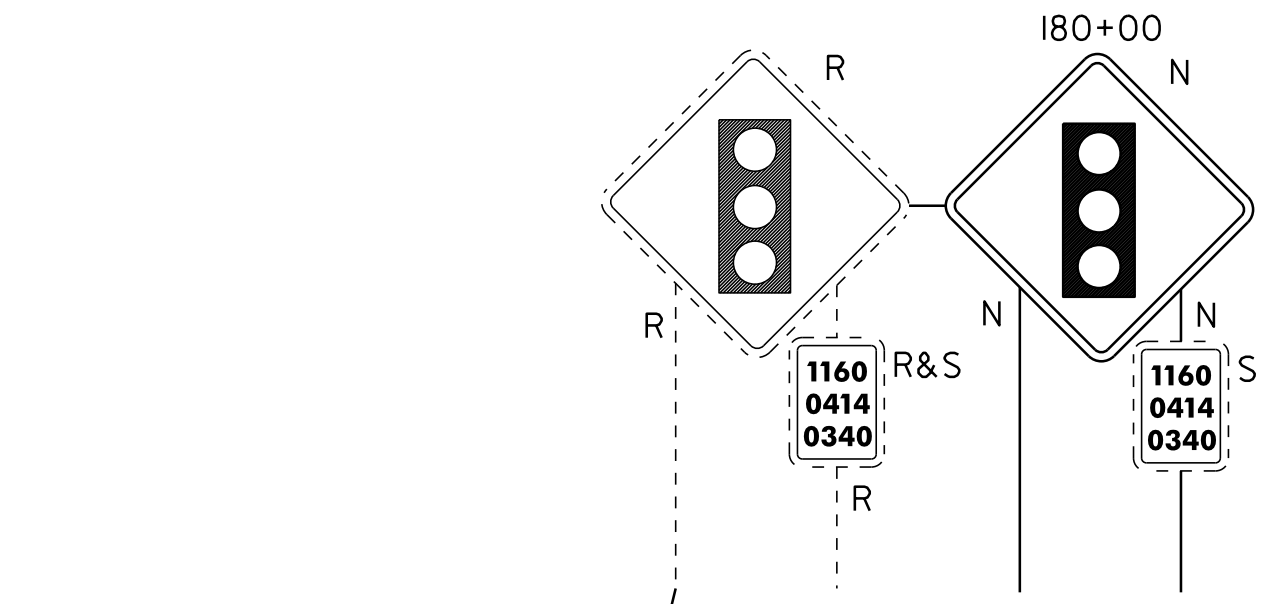


REMOVAL AND DISPOSAL OF GUIDE POSTS
STA 183+85 RT - 2

ANCHOR FOR STEEL BEAM RAIL
STA 183+35 RT
STA 184+85 RT

STEEL BEAM GUARD RAIL, GALVANIZED
STA 183+35 TO 184+85 RT

177+15 B-T-O-B
RET WINDING BROOK DR RET
RET WINDING BROOK DR RET



STA 183+85 RT
REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 183+35 RT
INSTALL ANCHOR FOR STEEL BEAM RAIL

STA 183+35 TO 184+85 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

STA 184+85 RT
INSTALL ANCHOR FOR STEEL BEAM RAIL

LEGEND

N = NEW
R = REMOVE
R&S = REMOVE & SALVAGE
S = SALVAGE
RET = RETAIN
B-T-O-B = BACK TO BACK

⊕ □ CATCH BASIN/DI
(N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)

⊕ YIELDING MARKER POST
⊕ UTILITY POLE
⊕ DRIVE

PAVING PROJECT LAYOUT SHEET #16

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

DESIGN FILE NO. p05b052.dgn

PRF FILE p05b052lcl6 DATE PLOTTED 03-MAY-2012 17

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

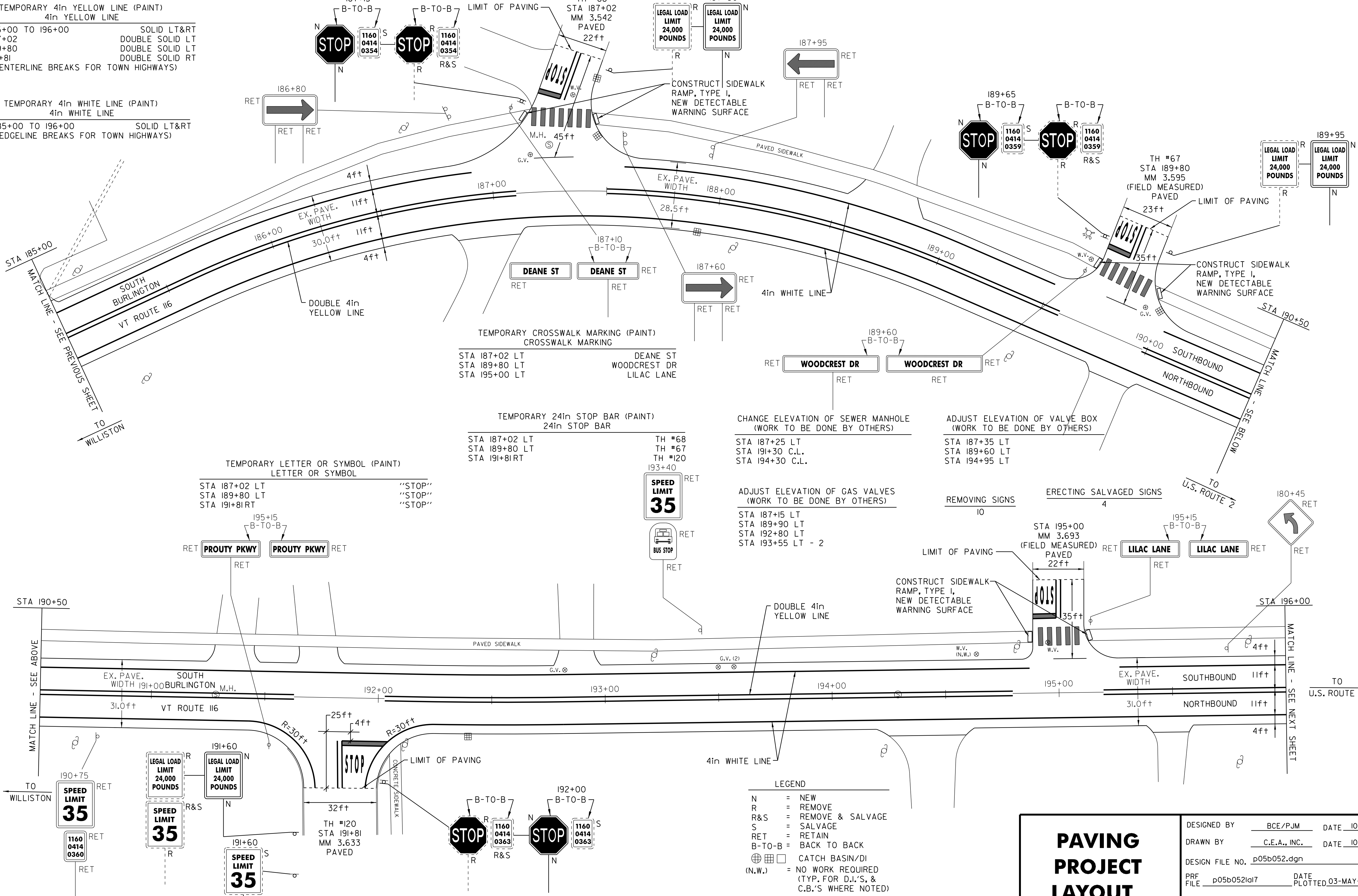
SHEET **25** OF **42** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE

STA 185+00 TO 196+00 SOLID LT&RT
STA 187+02 DOUBLE SOLID LT
STA 189+80 DOUBLE SOLID LT
STA 191+81 DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE

STA 185+00 TO 196+00 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)



TEMPORARY LETTER OR SYMBOL (PAINT)
LETTER OR SYMBOL

STA 187+02 LT	"STOP"
STA 189+80 LT	"STOP"
STA 191+81 RT	"STOP"

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR

STA 187+02 LT	DEANE ST
STA 189+80 LT	WOODCREST DR
STA 191+81 RT	LILAC LANE

CHANGE ELEVATION OF SEWER MANHOLE
(WORK TO BE DONE BY OTHERS)

STA 187+25 LT	TH #68
STA 191+30 C.L.	TH #67
STA 194+30 C.L.	TH #120

ADJUST ELEVATION OF VALVE BOX
(WORK TO BE DONE BY OTHERS)

STA 187+35 LT	TH #120
STA 189+60 LT	TH #67
STA 194+95 LT	TH #68

ADJUST ELEVATION OF GAS VALVES
(WORK TO BE DONE BY OTHERS)

STA 187+15 LT	TH #120
STA 189+90 LT	TH #67
STA 192+80 LT	TH #68
STA 193+55 LT - 2	TH #120

REMOVING SIGNS
10

ERECTING SALVAGED SIGNS
4

LEGEND

- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGE
- RET = RETAIN
- B-T-O-B = BACK TO BACK
- ⊕ ⊞ ⊠ = CATCH BASIN/DI
- (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
- ⊕ = YIELDING MARKER POST
- ⊕ = UTILITY POLE
- ⊕ = DRIVE

PAVING PROJECT LAYOUT SHEET #17

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052lcl7	DATE PLOTTED	03-MAY-2012 17
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	26	OF	42 SHEETS

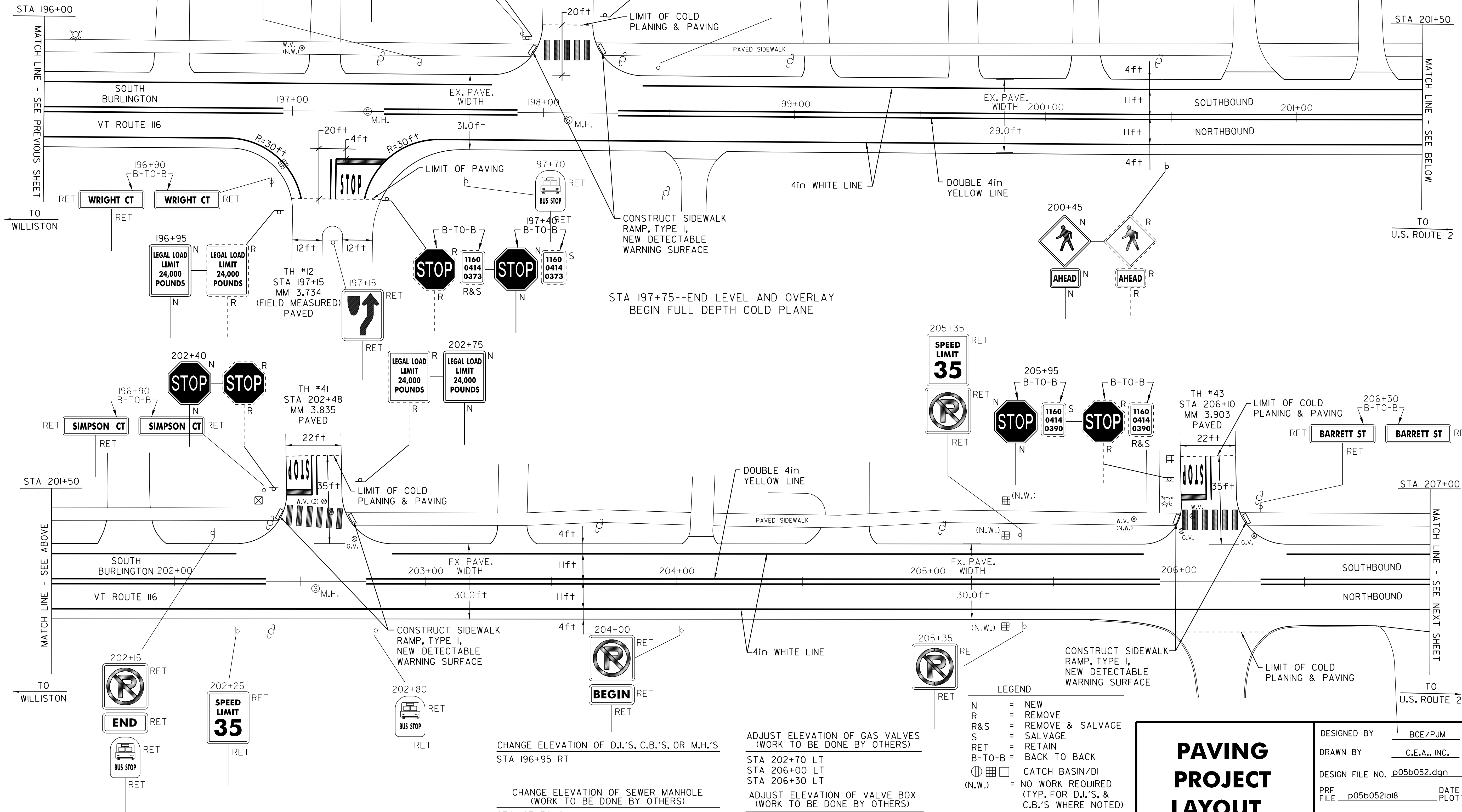
TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE
STA 196+00 TO 207+00 SOLID LT&RT
STA 197+15 DOUBLE SOLID RT
STA 202+48 DOUBLE SOLID LT
STA 206+10 DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE
STA 196+00 TO 207+00 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY LETTER OR SYMBOL (PAINT)
LETTER OR SYMBOL
STA 197+15 RT "STOP"
STA 202+48 LT "STOP"
STA 206+10 LT "STOP"

TEMPORARY CROSSWALK MARKING (PAINT)
CROSSWALK MARKING
STA 198+10 LT SUNSET AVE
STA 202+48 LT SIMPSON CT
STA 206+10 LT BARRETT ST

REMOVING SIGNS
10
ERECTING SALVAGED SIGNS
3



STA 197+75--END LEVEL AND OVERLAY
BEGIN FULL DEPTH COLD PLANE

- LEGEND**
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-T-O-B = BACK TO BACK
 - ⊕ ⊞ ⊠ = CATCH BASIN/DI
 - (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S. & C.B.'S WHERE NOTED)
 - I = YIELDING MARKER POST
 - ⊕ = UTILITY POLE
 - = DRIVE

CHANGE ELEVATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 196+95 RT

CHANGE ELEVATION OF SEWER MANHOLE
(WORK TO BE DONE BY OTHERS)
STA 197+30 C.L.
STA 198+10 RT
STA 202+55 RT

ADJUST ELEVATION OF GAS VALVES
(WORK TO BE DONE BY OTHERS)
STA 202+70 LT
STA 206+00 LT
STA 206+30 LT

ADJUST ELEVATION OF VALVE BOX
(WORK TO BE DONE BY OTHERS)
STA 202+60 LT - 2
STA 206+05 LT

PAVING PROJECT LAYOUT SHEET #18

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

DESIGN FILE NO. p05b052.dgn

PRF FILE p05b052i08 DATE 10-06 PLOTTED 03-MAY-2012 17

PROJ. NAME **ST. GEORGE-SO. BURLINGTON**

PROJ. NO. **ST-STP 2508(1)S**

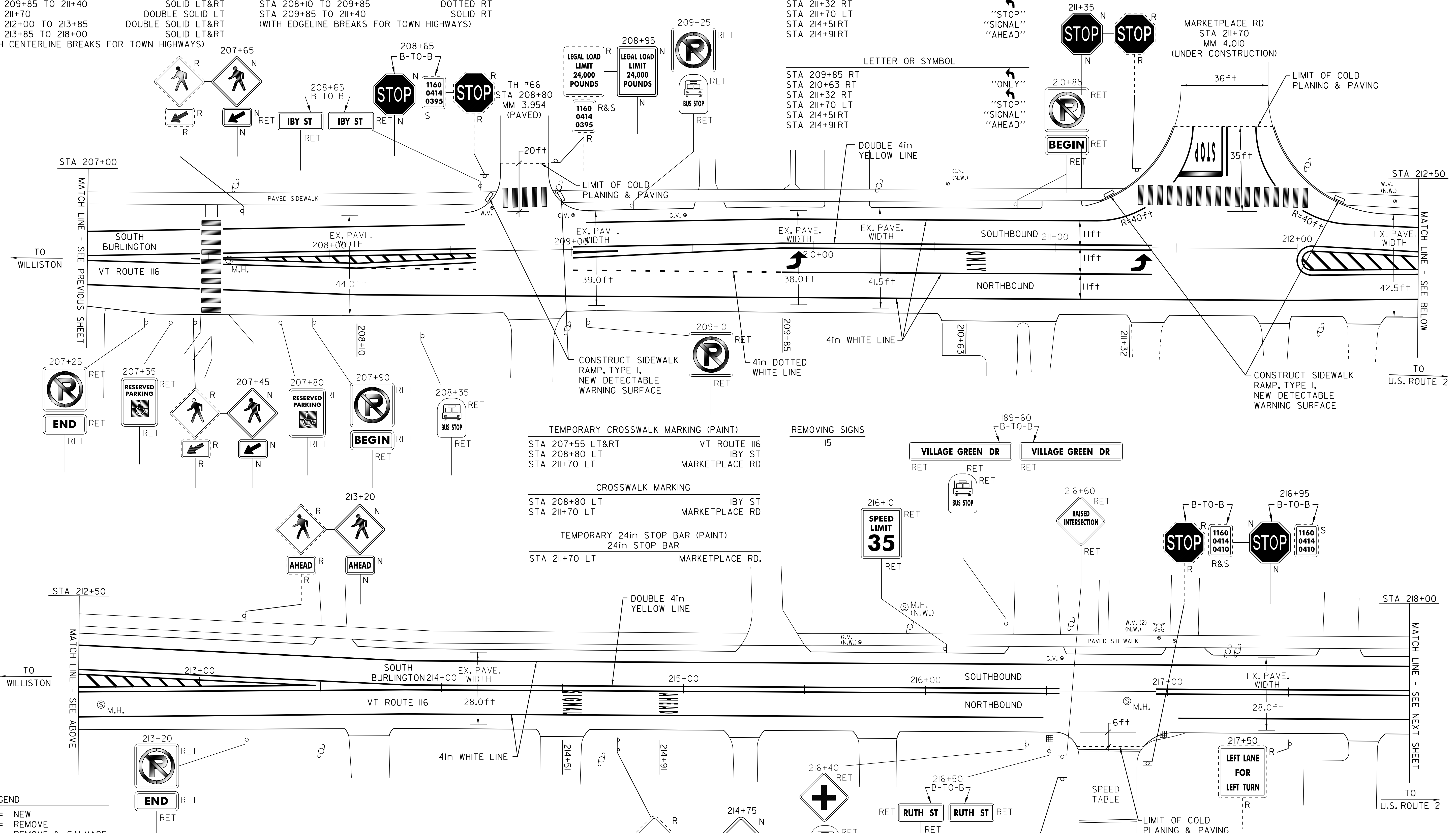
SHEET **27** OF **42** SHEETS

TEMPORARY 4in YELLOW LINE
 STA 207+00 TO 209+85 DOUBLE SOLID LT&RT
 STA 209+85 TO 211+40 SOLID LT&RT
 STA 211+70 DOUBLE SOLID LT
 STA 212+00 TO 213+85 DOUBLE SOLID LT&RT
 STA 213+85 TO 218+00 SOLID LT&RT
 (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE
 STA 207+00 TO 218+00 SOLID LT&RT
 STA 208+10 TO 209+85 DOTTED RT
 STA 209+85 TO 211+40 SOLID RT
 (WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

8in YELLOW LINE
 STA 207+00 TO 209+85 PAINTED ISLAND

TEMPORARY LETTER OR SYMBOL (PAINT)
 STA 209+85 RT "STOP"
 STA 211+32 RT "SIGNAL"
 STA 211+70 LT "AHEAD"
 STA 214+51 RT "ONLY"
 STA 214+51 RT "STOP"
 STA 214+91 RT "SIGNAL"
 STA 214+91 RT "AHEAD"



TEMPORARY CROSSWALK MARKING (PAINT)
 STA 207+55 LT&RT VT ROUTE 116
 STA 208+80 LT IBY ST
 STA 211+70 LT MARKETPLACE RD

CROSSWALK MARKING
 STA 208+80 LT IBY ST
 STA 211+70 LT MARKETPLACE RD

TEMPORARY 24in STOP BAR (PAINT)
 24in STOP BAR
 STA 211+70 LT MARKETPLACE RD.

REMOVING SIGNS
 15

VILLAGE GREEN DR
 VILLAGE GREEN DR

216+10 SPEED LIMIT 35
 216+60 RAISED INTERSECTION
 216+95 STOP
 216+95 STOP

LEGEND
 N = NEW
 R = REMOVE
 R&S = REMOVE & SALVAGE
 S = SALVAGE
 RET = RETAIN
 B-T-O-B = BACK TO BACK
 (N.W.) = NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
 YIELDING MARKER POST
 UTILITY POLE
 DRIVE

ADJUST ELEVATION OF GAS VALVES (WORK TO BE DONE BY OTHERS)
 STA 209+00 LT
 STA 209+50 LT
 STA 216+55 LT

REHABILITATION OF D.I.'S, C.B.'S, OR M.H.'S
 STA 216+50 RT
 STA 217+00 RT

CHANGE ELEVATION OF SEWER MANHOLE (WORK TO BE DONE BY OTHERS)
 STA 207+60 C.L.
 STA 212+60 RT
 STA 216+85 RT

PAVING PROJECT LAYOUT SHEET #19

DESIGNED BY BCE/PJM DATE 10-06
 DRAWN BY C.E.A., INC. DATE 10-06
 DESIGN FILE NO. p05b052.dgn
 PRF FILE p05b052la19 DATE 03-MAY-2012 PLOTTED
 PROJ. NAME **ST. GEORGE-SO. BURLINGTON**
 PROJ. NO. **ST-STP 2508(1)S**
 SHEET **28** OF **42** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
4in YELLOW LINE
STA 218+00 TO 223+34 SOLID LT&RT
STA 221+45 DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
4in WHITE LINE
STA 218+00 TO 223+34 SOLID LT&RT
STA 218+65 TO 219+90 DOTTED RT
STA 219+90 TO 223+34 SOLID RT
STA 221+70 TO 222+67 SOLID LT
STA 222+67 TO 223+34 DOTTED LT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY LETTER OR SYMBOL (PAINT)
LETTER OR SYMBOL
STA 220+30 RT
STA 221+45 LT 2--"STOP"
STA 222+05 RT
STA 222+67 LT

LETTER OR SYMBOL
STA 219+90 RT "ONLY"
STA 220+30 RT "STOP"
STA 221+45 LT 2--"STOP"
STA 221+65 RT "ONLY"
STA 222+00 LT "ONLY"
STA 222+05 RT "ONLY"
STA 222+67 LT "ONLY"

REMOVING SIGNS
5

REHABILITATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 222+25 LT&RT

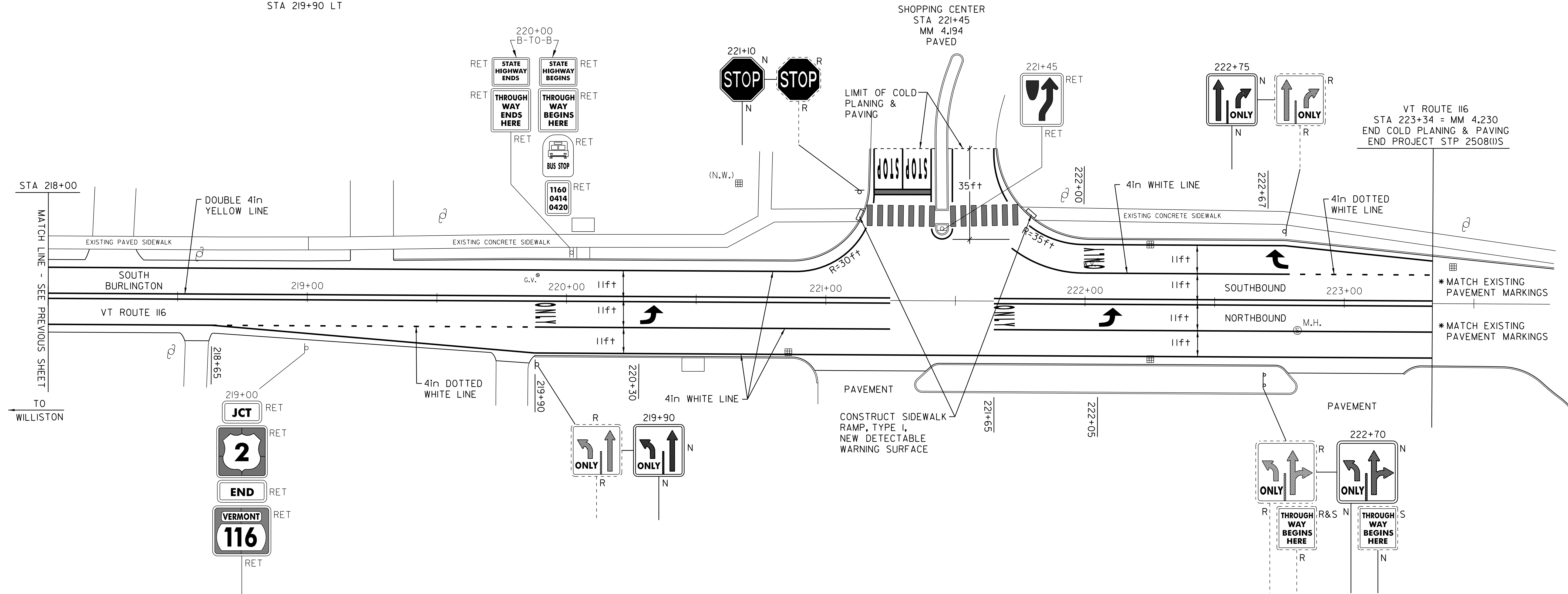
CHANGE ELEVATION OF SEWER MANHOLE
(WORK TO BE DONE BY OTHERS)
STA 222+80 RT

ADJUST ELEVATION OF VALVE BOX
(WORK TO BE DONE BY OTHERS)
STA 222+05 LT

TEMPORARY CROSSWALK MARKING (PAINT)
CROSSWALK MARKING
STA 221+45 LT SHOPPING CENTER

TEMPORARY 24in STOP BAR (PAINT)
24in STOP BAR
STA 221+45 LT SHOPPING CENTER

ADJUST ELEVATION OF GAS VALVES
(WORK TO BE DONE BY OTHERS)
STA 219+90 LT



LEGEND

N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
⊕	CATCH BASIN/DI
(N.W.)	= NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I	YIELDING MARKER POST
⊕	UTILITY POLE
—	DRIVE

<h1>PAVING PROJECT LAYOUT SHEET #20</h1>	DESIGNED BY <u>BCE/PJM</u> DATE <u>10-06</u>
	DRAWN BY <u>C.E.A., INC.</u> DATE <u>10-06</u>
	DESIGN FILE NO. <u>p05b052.dgn</u>
	PRF FILE <u>p05b052la20</u> DATE <u>03-MAY-2012</u>
	PROJ. NAME ST. GEORGE-SO. BURLINGTON
PROJ. NO. ST-STP 2508(1)S	
SHEET 29 OF 42 SHEETS	

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL								
		E	A	WIDTH (in)	HEIGHT (in)	"A"	"B"			SALV SIGN	SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
												lb/ft	1.2	2.0	3.0	1.75	2.0	2.5	ANCHOR	SYSTEMS	3.0	4.0	4.0 MOD.	FOUND-ATION	3.0		3.5			4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE
																																24"	30"		

OPTION ITEMS																														
12+50 LT		1	30	30	6.25				1																				BACK TO BACK R1-1	E-143
13+00 LT		1	24	30	5.0				1																				REFER TO STANDARD E-121 FOR PLACEMENT. VRO17	E-141
63+15 RT		1	24	30	5.0				1																				REFER TO STANDARD E-121 FOR PLACEMENT. VRO17	E-141
63+60 RT		1	30	30	6.25				1																				BACK TO BACK R1-1	E-143
73+30 RT		1	24	30	5.0				1																				REFER TO STANDARD E-121 FOR PLACEMENT. VRO17	E-141
73+60 RT		1	30	30	6.25				1																				BACK TO BACK R1-1	E-143
86+10 LT		1	30	30	6.25				1																				BACK TO BACK R1-1	E-143
86+15 RT		1	24	30	5.0				1																				REFER TO STANDARD E-121 FOR PLACEMENT. VRO17	E-141
86+50 LT		1	24	30	5.0				1																				REFER TO STANDARD E-121 FOR PLACEMENT. VRO17	E-141
86+55 RT		1	30	30	6.25				1																				R1-1	E-143
95+80 LT		1	30	30	6.25				1																				BACK TO BACK R1-1	E-143
96+20 LT		1	24	30	5.0				1																				REFER TO STANDARD E-121 FOR PLACEMENT. VRO17	E-141

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE ROADWAY, TRAFFIC & SAFETY AND PAVEMENT MANAGEMENT SECTION'S SIGN POST DESIGN GUIDELINE.	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	LB	LB	EA.	EA.	LB								
	SHEET TOTALS	67.5		5							180																			

TRAFFIC SIGN SUMMARY SHEET #2	PROJECT: ST. GEORGE-SO. BURLINGTON	PROJECT NO.: ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17:55
	IPARM FILE NAME: p05b052ts02.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: C.E.A., INC.
	SQUAD LEADER:	SHEET: 31 OF 42

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
											lb/ft			1.75	2.0	2.5	ANCHOR	SYSTEMS	3.0	4.0	4.0 MOD.	FOUND-ATION	3.0	3.5	4.0	5.0			FTG. SIZE		WEIGHT	POST SIZE	
											1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6			24"				30"
OPTION ITEMS																																	
96+38 LT		1	30	30	6.25				1					X													R3-76	E-140					
97+75 LT		1	30	30	6.25				1					X													VR-921	E-145A					
109+85 LT		1	30	30	6.25				1					X													BACK TO BACK R1-1	E-143					
110+20 LT		1	24	30	5.0				1					X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017	E-141					
111+25 LT		1	30	30	6.25				1					X													VR-921	E-145A					
116+40 RT		1	30	30	6.25				1					X													VR-921	E-145A					
117+52 RT		1	30	30	6.25				1					X													R3-7R	E-140					
117+95 RT		1	24	30	5.0				1					X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017	E-141					
118+45 RT		1	30	30	6.25				1					X													BACK TO BACK R1-1	E-143					
118+50 LT		1	30	30	6.25				1					X													R3-7L	E-140					
120+50 LT		1	30	30	6.25				1					X													MIRROR IMAGE OF VR-921	E-145A					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE ROADWAY, TRAFFIC & SAFETY AND PAVEMENT MANAGEMENT SECTION'S SIGN POST DESIGN GUIDELINE.

	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	LB	LB	EA.	EA.	LB
SHEET TOTALS	66.25		4							165												

TRAFFIC SIGN SUMMARY SHEET #3	PROJECT: ST. GEORGE-SO. BURLINGTON	PROJECT NO.: ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17:55
	IPARM FILE NAME: p05b052ts03.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: C.E.A., INC.
	SQUAD LEADER:	SHEET: 32 OF 42

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL						
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
											lb/ft			1.75	2.0	2.5	ANCHOR	SYSTEMS	3.0	4.0	4.0 MOD.	FOUND-ATION	3.0	3.5	4.0				5.0	FTG. SIZE		WEIGHT	POST SIZE
											1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8				14.6	24"	30"		

OPTION ITEMS																														
129+20 RT		1	30	30	6.25					1																		R3-7R	E-140	
131+00 RT		1	30	30	6.25					1																		VR-921	E-145A	
132+92 RT		1	30	30	6.25					1																		R3-7R	E-140	
133+25 RT		1	24	30	5.0					1																		REFER TO STANDARD E-121 FOR PLACEMENT. VR-017	E-141	
133+70 RT		1	30	30	6.25					1																		R1-1	E-143	
133+70 LT		1	30	30	6.25					1																			R3-7L	E-140
134+70 LT		1	30	30	6.25					1																		MIRROR IMAGE OF VR-921	E-145A	
134+70			30	30	6.25					1																				
			24	30	5.0																									
138+70 RT		1	12	36	3.0					1																			0M-3L	E-120
138+74 LT		1	12	36	3.0					1																			0M-3R	E-120
141+30 RT		1	12	36	3.0					1																			0M-3R	E-120
141+34 LT		1	12	36	3.0					1																			0M-3L	E-120
138+15 LT		1	24	30	5.0																								SIGN MISSING, USED EXISTING POST	
145+75 RT		1	30	30	6.25					1																			VR-921	E-145A
146+92 RT		1	30	30	6.25					1																			R3-7R	E-140

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE ROADWAY, TRAFFIC & SAFETY AND PAVEMENT MANAGEMENT SECTION'S SIGN POST DESIGN GUIDELINE.	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	LB	LB	EA.	EA.	LB								
	SHEET TOTALS	67.0		1							195																			

TRAFFIC SIGN SUMMARY SHEET #4	PROJECT: ST. GEORGE-SO. BURLINGTON	PROJECT NO.: ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17:55
	IPARM FILE NAME: p05b052ts04.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: C.E.A., INC.
	SQUAD LEADER:	SHEET: 33 OF 42

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																				REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
											lb/ft			lb/ft			FOUNDA-TION	lb/ft				FTG. SIZE		WEIGHT	POST SIZE							
											1.12	2.0	3.0	1.75	2.0	2.5		3.0	4.0	4.0 MOD.	3.0	3.5	4.0			5.0			24"		30"	
147+05 RT		1	24	30	5.0				1				X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017		E-141				
147+25 RT								1																		RETAIN EXISTING SIGN ON EXISTING POST.						
		2	18	18	4.5		1																			BACK-TO-BACK OMI -1 OMI -1		E-150				
147+45 RT		1	30	30	6.25				1				X													R1-1		E-143				
157+80 RT		1	30	30	6.25				1				X													MIRROR IMAGE OF VR-922		E-145A				
159+30 RT		1	30	30	6.25			1					X															E-140				
159+60 LT		1	30	30	6.25		1		1				X													BACK TO BACK R1-1		E-143				
159+60 RT		1	24	30	5.0				1				X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017		E-141				
159+90 LT		1	24	30	5.0				1				X															E-144				
		2	18	18	4.5																					BACK TO BACK OMI -1 OMI -1		E-150				
160+00 RT		1	30	30	6.25				1				X													R1-1		E-143				
160+15 LT		1	24	30	5.0				1				X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017		E-141				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE ROADWAY. TRAFFIC & SAFETY AND PAVEMENT MANAGEMENT SECTION'S SIGN POST DESIGN GUIDELINE.	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	LB	LB	EA.	EA.	LB						
	SHEET TOTALS	60.25		2							135																	

TRAFFIC SIGN SUMMARY SHEET #5	PROJECT: ST. GEORGE-SO. BURLINGTON	PROJECT NO.: ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17:55
	IPARM FILE NAME: p05b052ts05.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: C.E.A., INC.
	SQUAD LEADER:	SHEET: 34 OF 42

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
											lb/ft			1.75	2.0	2.5	ANCHOR	SYSTEMS	3.0	4.0	4.0 MOD.	FOUND-ACTION	3.0	3.5	4.0	5.0			FTG. SIZE		WEIGHT	POST SIZE	
											1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6			24"				30"
162+15 LT		1	48	30	10.0				2				X													VR-932		E-145B					
165+00 RT							2		2				X													RELOCATE EXISTING INFORMATION SIGNS.							
165+55 LT		1	30	30	6.25				1				X													R1-1		E-143					
165+95 LT		1	24	30	5.0				1				X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017		E-141					
166+24 RT		1	36	36	9.0				2				X													W3-3		E-152					
167+00 LT		1	30	30	6.25				1				X													VR-921		E-145A					
180+00 LT		1	36	36	9.0				2				X													POSTS OKAY (SQUARE TUBE) W3-3		E-152					
							1																										
187+15 LT		1	30	30	6.25		1		1				X													POSTS OKAY (SQUARE TUBE) BACK TO BACK R1-1		E-143					
187+50 LT		1	24	30	5.0				1				X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017 POSTS OKAY (SQUARE TUBE)		E-141					
189+65 LT		1	30	30	6.25		1		1				X													BACK TO BACK R1-1 USED EXISTING STUB		E-143					
189+95 LT		1	24	30	5.0				1				X													REFER TO STANDARD E-121 FOR PLACEMENT. VR-017 NEW SIGN AND POST EXIST		E-141					

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
		E	A	WIDTH (in)	HEIGHT (in)	"A"	"B"			SALV SIGN	SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
												lb/ft			lb/ft			lb/ft			lb/ft				FTG. SIZE		WEIGHT			POST SIZE	
												1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD.	3.0	3.5	4.0	5.0	24"						30"

OPTION ITEMS																													
191+60 RT		1	24	30	5.0					1																		REFER TO STANDARD E-121 FOR PLACEMENT. VR-017	E-141
191+60 RT		1	24	30	5.0					1																		R2-1	
192+00 RT		1	30	30	6.25					1																		BACK TO BACK R1-1 LEGAL AS IS	E-143
196+95 RT		1	24	30	5.0					1																		REFER TO STANDARD E-121 FOR PLACEMENT. VR-017 POSTS OKAY (SQUARE TUBE)	E-141
197+40 RT		1	30	30	6.25					1																		BACK TO BACK R1-1 USED EXISTING POST, NEW STUB	E-143
197+95 LT		1	30	30	6.25					1																		BACK TO BACK R1-1 LEGAL AS IS	E-143
198+25 LT		1	24	30	5.0					1																		REFER TO STANDARD E-121 FOR PLACEMENT. VR-017 NEW POST ONLY	E-141
200+45 RT		1	30	30	6.25					1																		LEGAL AS IS	E-152
		1	24	12	2.0																							LEGAL AS IS W16-7P	40
202+40 LT		1	30	30	6.25					1																		LEGAL AS IS R1-1	E-143
202+75 LT		1	24	30	5.0					1																		REFER TO STANDARD E-121 FOR PLACEMENT. VR-017 POSTS OKAY	E-141
205+95 LT		1	30	30	6.25					1																		LEGAL AS IS BACK TO BACK R1-1	E-143

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE ROADWAY, TRAFFIC & SAFETY AND PAVEMENT MANAGEMENT SECTION'S SIGN POST DESIGN GUIDELINE.	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	LB	LB	EA.	EA.	LB							
	SHEET TOTALS	59.5		5							165																		

TRAFFIC SIGN SUMMARY SHEET #7	PROJECT: ST. GEORGE-SO. BURLINGTON	PROJECT NO.: ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17:55
	IPARM FILE NAME: p05b052+ts07.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: C.E.A., INC.
	SQUAD LEADER:	SHEET: 36 OF 42

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
											lb/ft			lb/ft			FOUNDA-TION	lb/ft				FTG. SIZE		WEIGHT	POST SIZE					
											1.12	2.0	3.0	1.88	2.16	3.35		3.0	4.0	4.0 MOD.	3.0	3.5	4.0						5.0	24"
207+45 RT		1	30	30	6-25				1					*			X											LEGAL AS IS COLOR TO BE FLUORESCENT YELLOW-GREEN W11-2		E-152
		1	24	12	2-0																							COLOR TO BE FLUORESCENT YELLOW-GREEN W16-7P LEGAL AS IS		E-152
207+65 LT		1	30	30	6.25				1					*			X											POSTS OKAY, SIGN DAMAGED COLOR TO BE FLUORESCENT YELLOW-GREEN W11-2		E-152
		1	24	12	2.0																							COLOR TO BE FLUORESCENT YELLOW-GREEN W16-7P		E-152
208+65 LT		1	30	30	6-25				1					X														BACK TO BACK R1-1 POST ONLY		E-143
208+95 LT		1	24	30	5.0				1					*														REFER TO STANDARD E-121 FOR PLACEMENT. VR-017		E-141
211+35 LT		1	30	30	6.25				1					*														R1-1		E-143
213+20 RT		1	30	30	6-25				1					*														LEGAL AS IS W11-2		E-152
		1	24	12	2-0																							LEGAL AS IS W16-7P	40	
214+75 RT		1	36	36	9.0				2					*														POSTS OKAY		E-152
216+60 RT		1	24	30	5.0				1					X														REFER TO STANDARD E-121 FOR PLACEMENT VR-017.		E-141
216+95 RT		1	30	30	6-25				1					*														BACK TO BACK R1-1 LEGAL AS IS		E-143

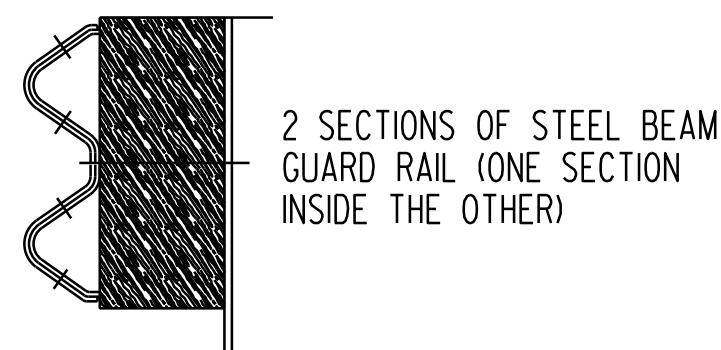
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE ROADWAY, TRAFFIC & SAFETY AND PAVEMENT MANAGEMENT SECTION'S SIGN POST DESIGN GUIDELINE.

	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	LB	LB	EA.	EA.	LB
										150												
SHEET TOTALS	62.5		2							150												

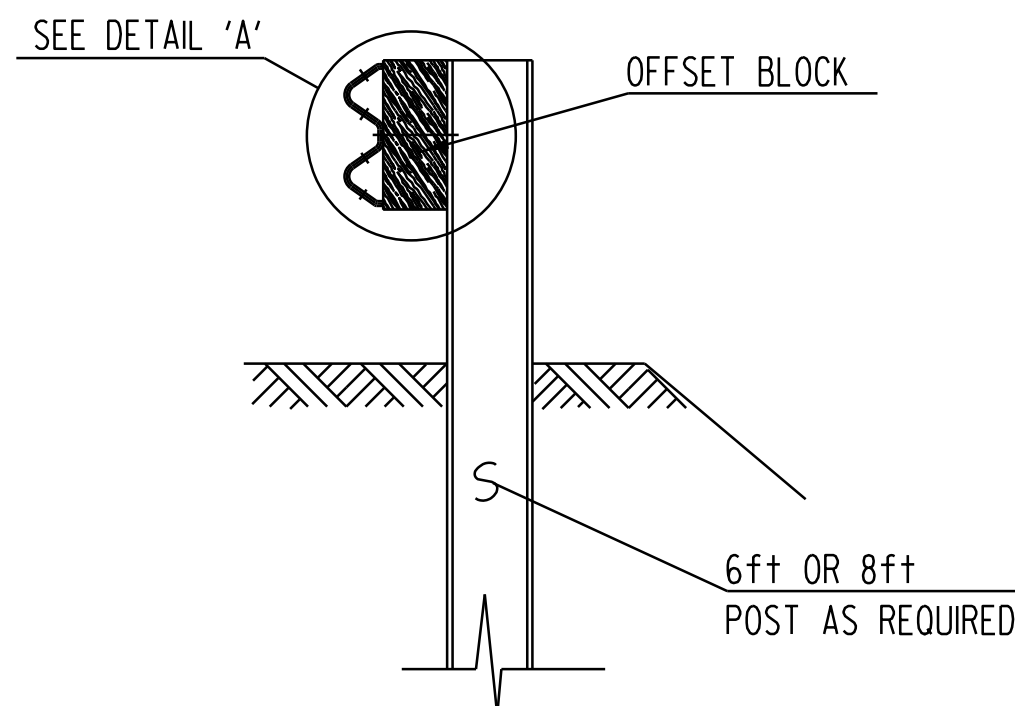
TRAFFIC SIGN SUMMARY SHEET #8	PROJECT: ST. GEORGE-SO. BURLINGTON	PROJECT NO.: ST-STP 2508(1)S
	DESIGN FILE NAME: p05b052.dgn	PLOT DATE: 03-MAY-2012 17:55
	IPARM FILE NAME: p05b052ts08.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: C.E.A., INC.
	SQUAD LEADER:	SHEET: 37 OF 42

NOTES

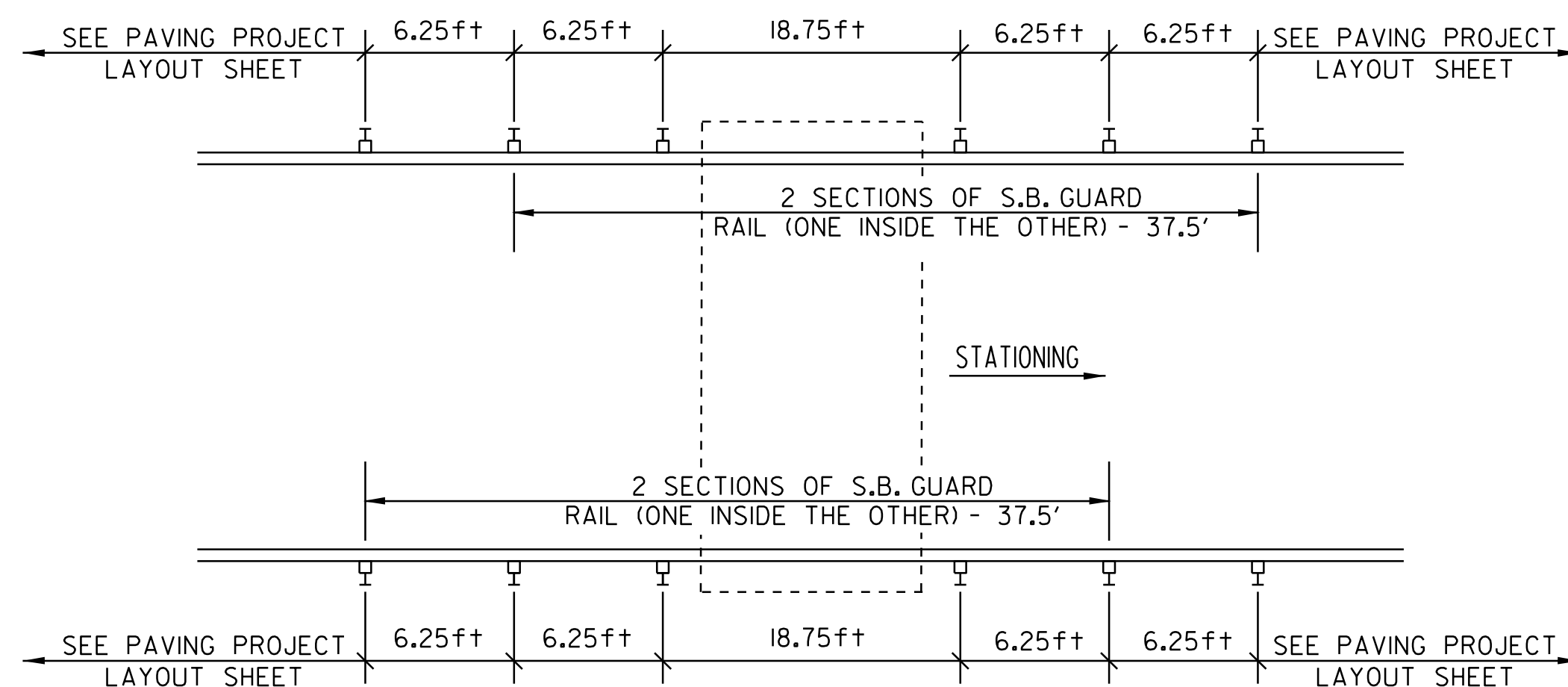
1. SEE STANDARD G-1 & G-1D FOR STEEL BEAM GUARD RAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 900.640, SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/NESTED).



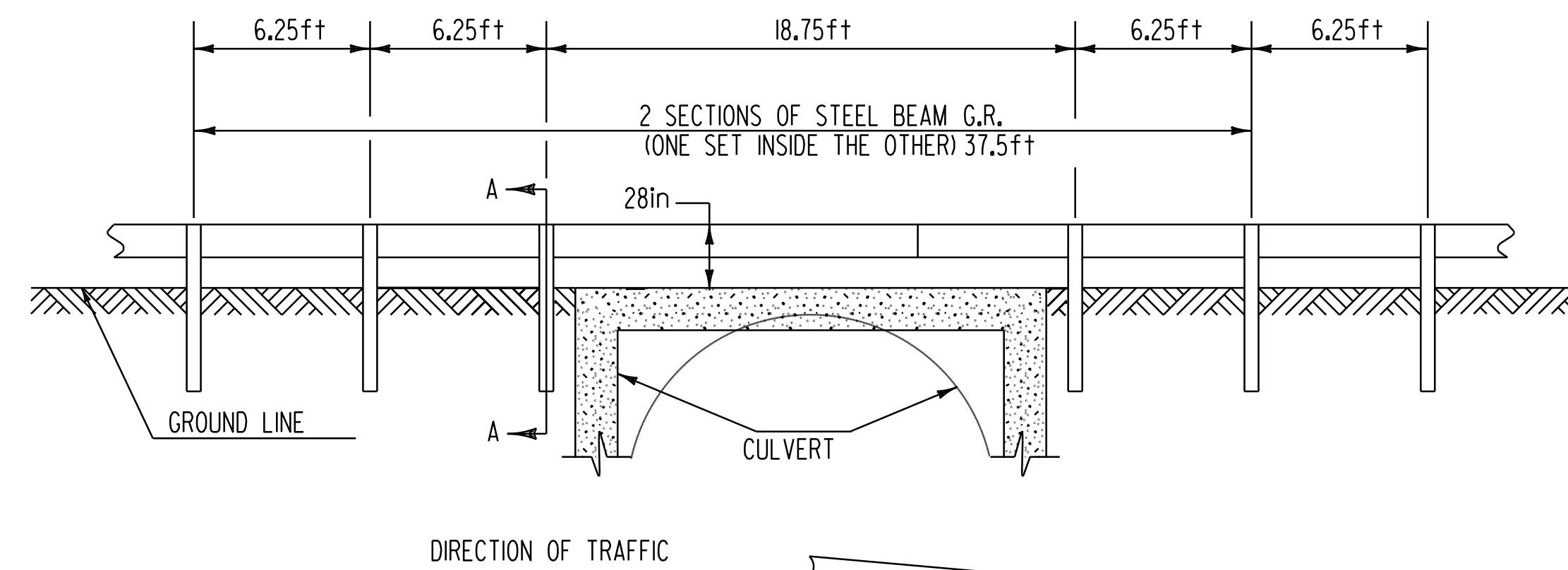
DETAIL A



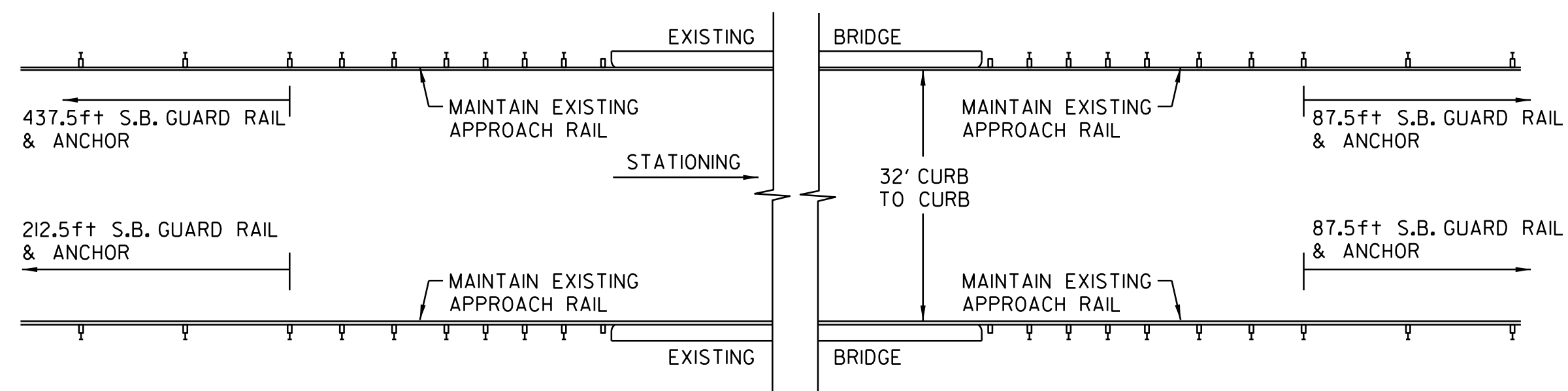
SECTION A-A



WILLISTON - BRIDGE #30
STA 22+02 = MM 0.417



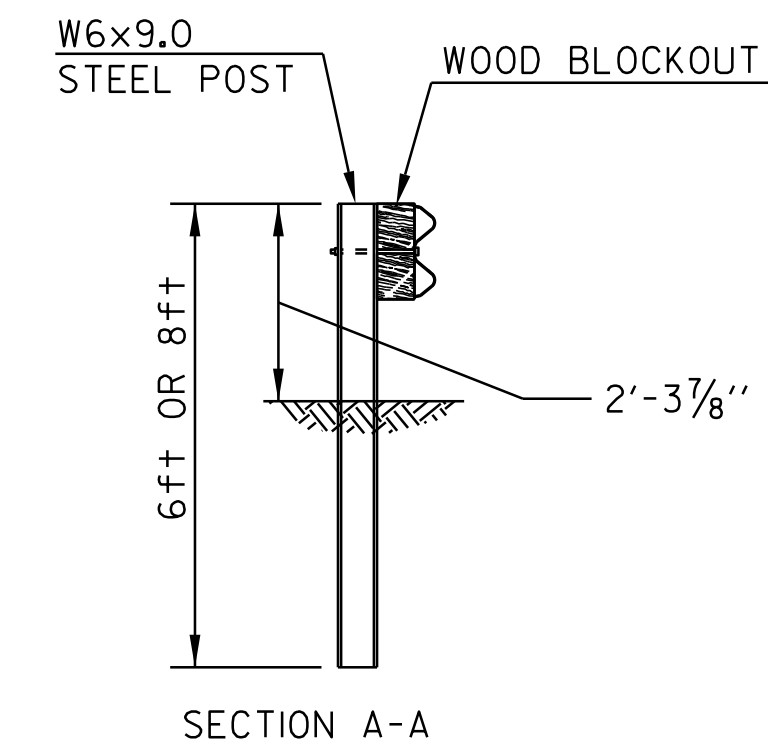
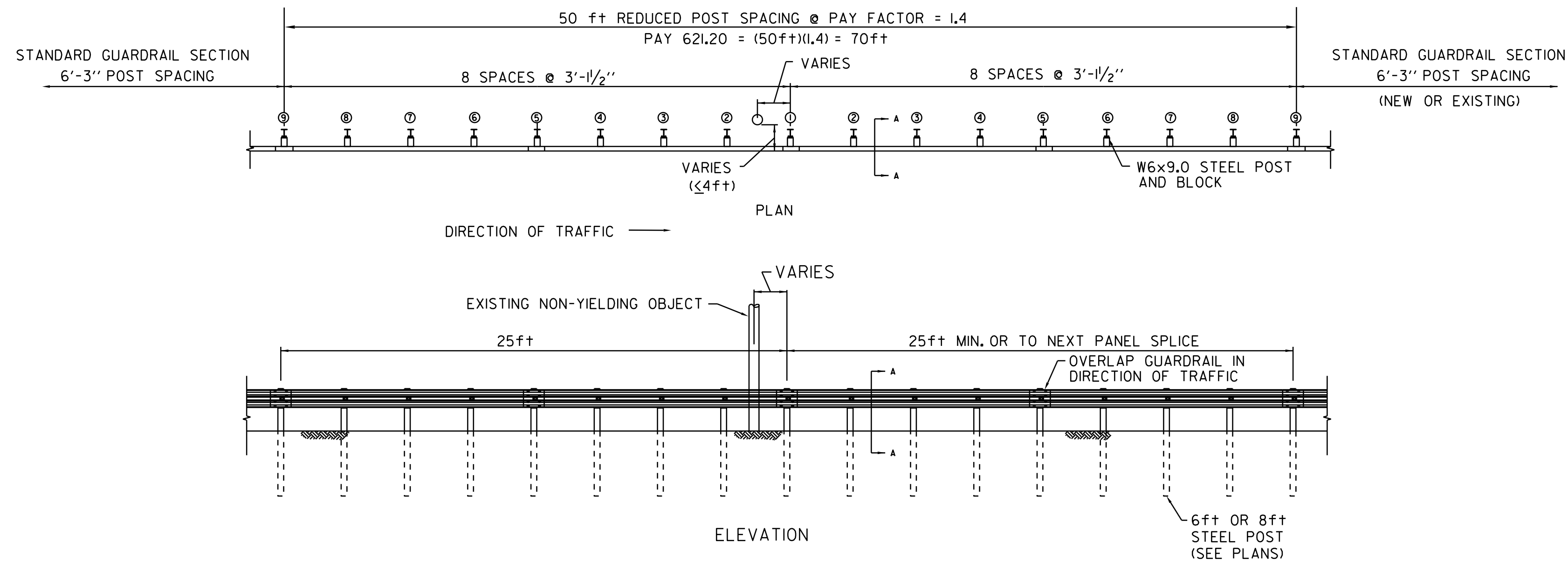
DETAIL OF STEEL BEAM GUARD RAIL AT LARGE CULVERTS



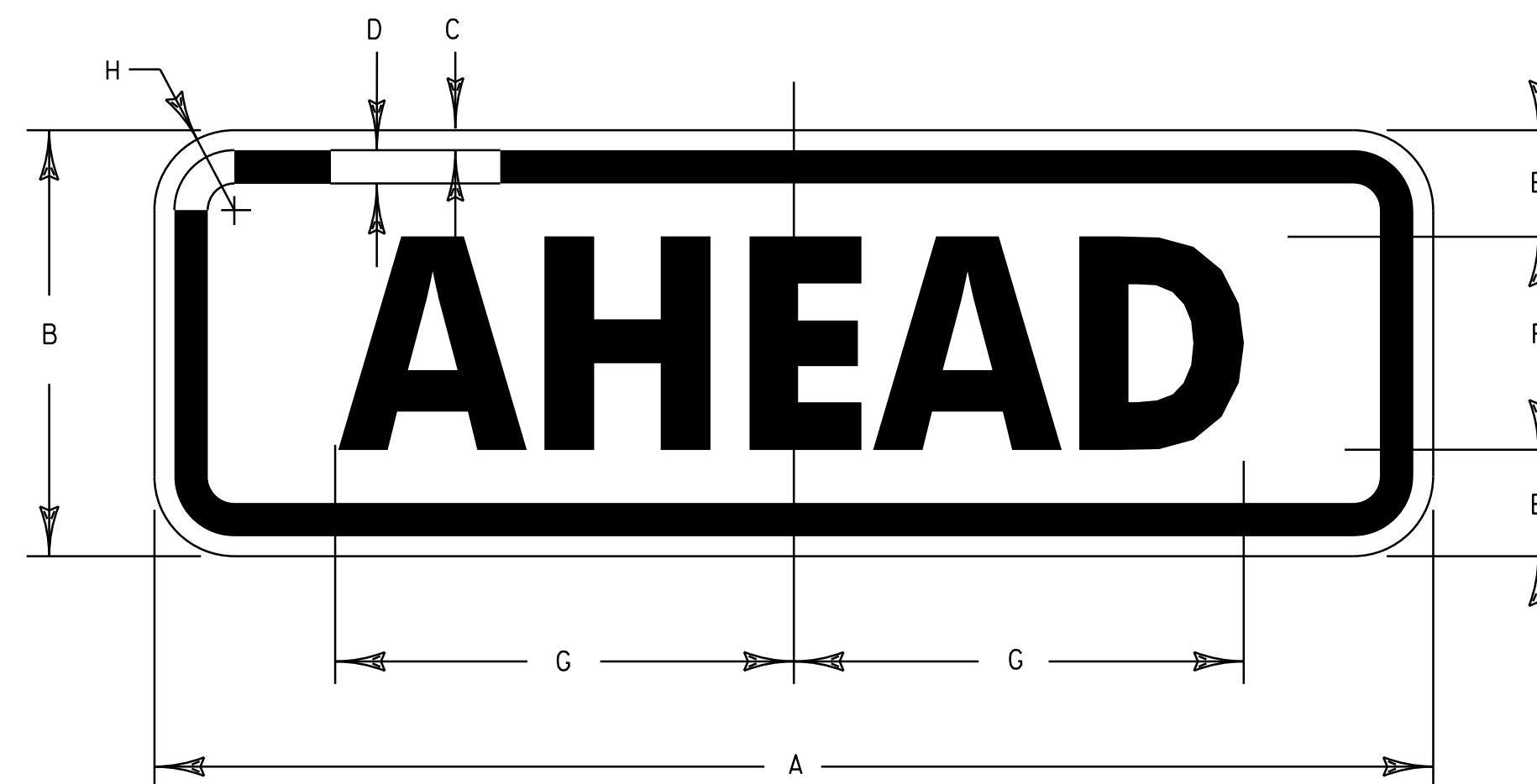
SOUTH BURLINGTON - BRIDGE #31
STA 139+83 = MM 2.648

**BRIDGE
DETAIL
SHEET
#1**

DESIGNED BY BCE/PJM DATE 6-07
 DRAWN BY C.E.A., INC. DATE 6-07
 DESIGN FILE NO. p05b052.dgn
 PRF FILE p05b052d+03.i DATE 03-MAY-2012 17:23
 PROJ. NAME ST. GEORGE-SO. BURLINGTON
 PROJ. NO. ST-STP 2508(1)S
 SHEET 39 OF 42 SHEETS



NON-YIELDING OBJECT APPROACH DETAIL
SHELBURNE
 STA 78+25 LT

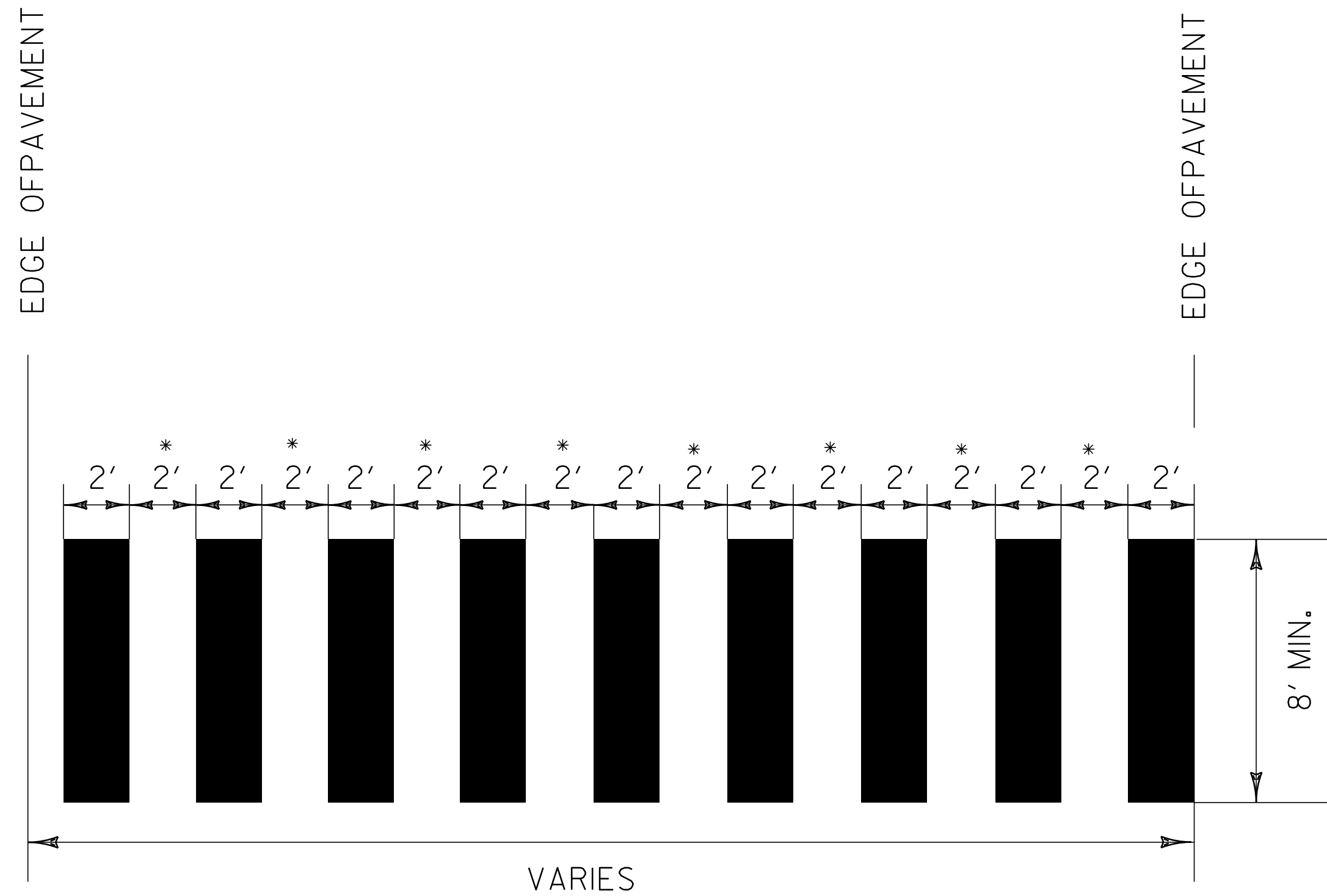


SIGN	DIMENSIONS (in)							
	A	B	C	D	E	F	G	H
	24	12	3/8	5/8	3	6D	8	1 1/2

W16-7P
SO. BURLINGTON
 STA 200+45 RT
 STA 213+20 RT

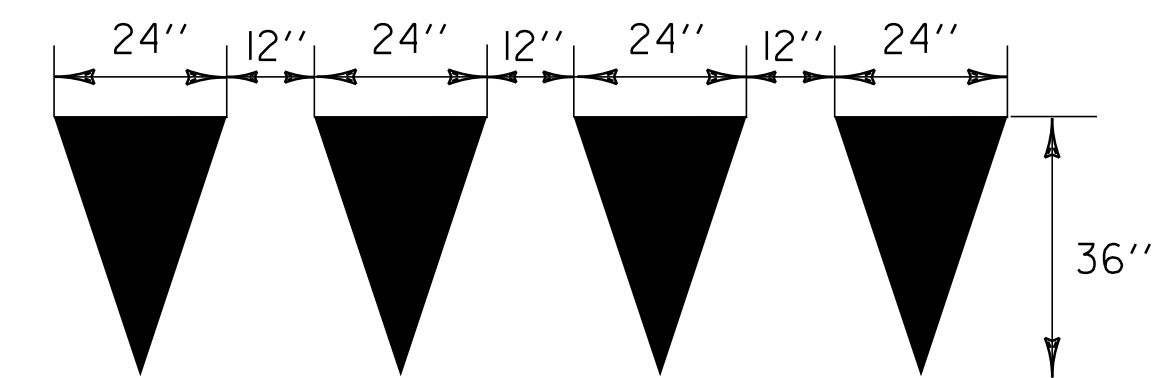
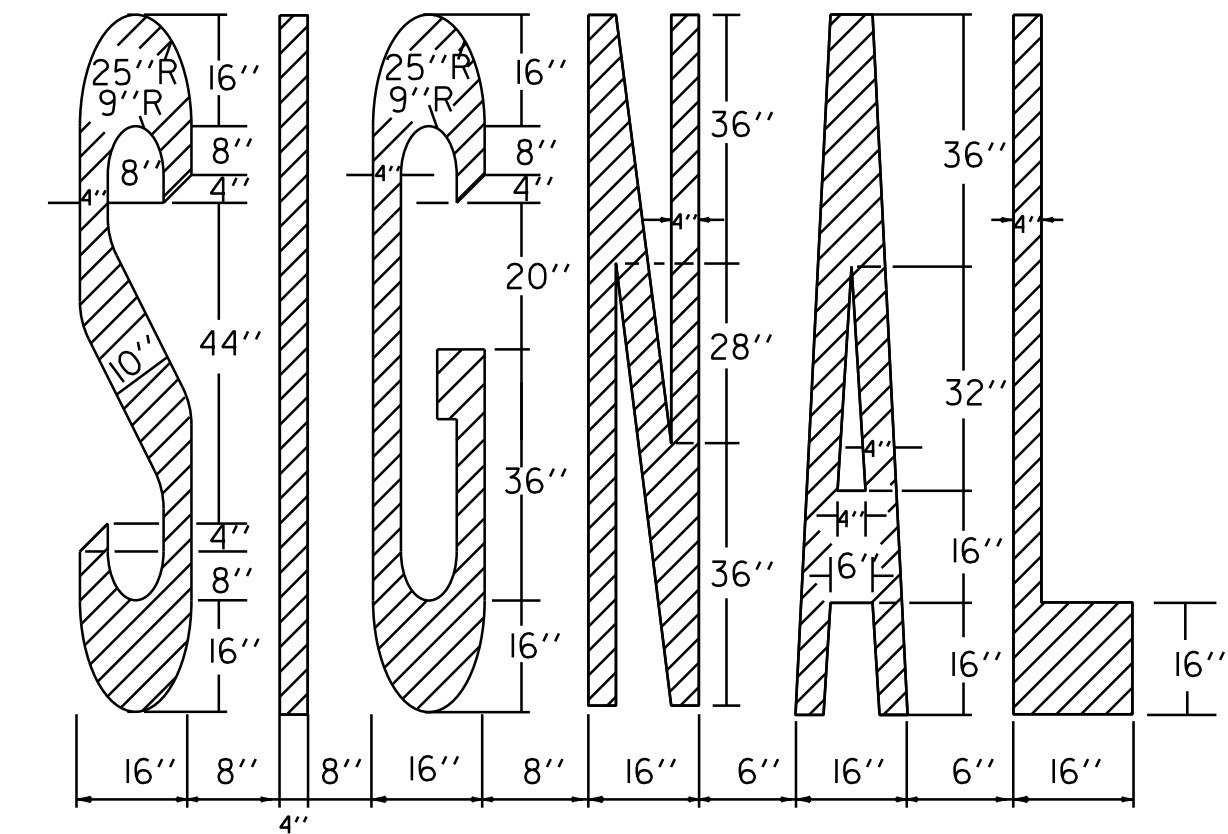
NON-YIELDING OBJECT
APPROACH and
SIGN DETAIL SHEET

DESIGNED BY BCE/PJM DATE 8-06
 DRAWN BY C.E.A., INC. DATE 8-06
 DESIGN FILE NO. p05b052.dgn
 PRF FILE p05b052d+04.i DATE 03-MAY-2012 17:00
 PLOTTED 03-MAY-2012 17:00
 PROJ. NAME **ST. GEORGE-SO. BURLINGTON**
 PROJ. NO. **ST-STP 2508(1)S**
 SHEET **40** OF **42** SHEETS



* ADJUST SPACING (12''-24'') TO AVOID WHEEL PATHS

BLOCK PATTERN CROSSWALK DETAIL



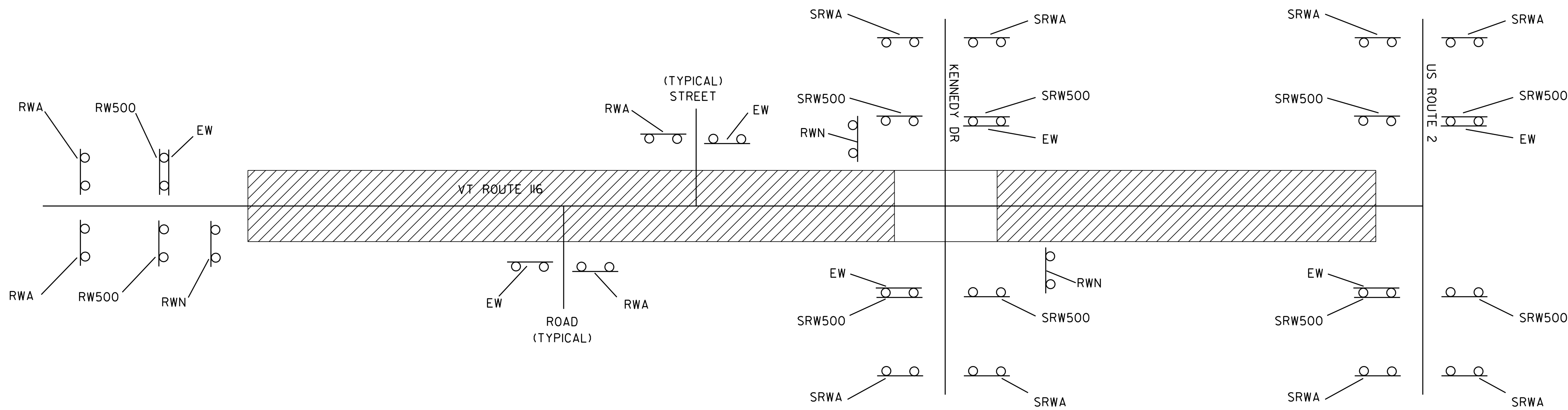
YIELD LINE DETAILS

TO BE INSTALLED ONLY AT THE
DIRECTION OF THE RESIDENT ENGINEER
TO BE PAID AS ONE LETTER OR SYMBOL
PER TRIANGLE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**PAVEMENT MARKING
DETAIL SHEET**

DESIGNED BY	BCE/PJM	DATE	6-07
DRAWN BY	C.E.A., INC.	DATE	6-07
DESIGN FILE NO.	p05b052.dgn		
PRF FILE	p05b052pmd.i	DATE PLOTTED	03-MAY-2012 17:...
PROJ. NAME	ST. GEORGE-SO. BURLINGTON		
PROJ. NO.	ST-STP 2508(1)S		
SHEET	41	OF	42 SHEETS



LEGEND
 RWA = ROAD WORK AHEAD
 RW500 = ROAD WORK 500 FEET
 EW = END WORK
 RWN = ROAD WORK NEXT 11 MILES
 SRWA = SIDE ROAD WORK AHEAD
 SRW500 = SIDE ROAD WORK 500 FEET

CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 FOR SIGN PLACEMENT

RESIDENT ENGINEER, AT HIS OR HER DISCRETION, SHALL ELIMINATE CONSTRUCTION APPROACH SIGNING AT DEAD END LOCATIONS.

NOTES:

- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO ITEM 641.0, "TRAFFIC CONTROL".
- THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH VTRANS STANDARD E-103. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.0, "TRAFFIC CONTROL".
- PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ALONG THIS PROJECT. THE PLACEMENT OF THESE UNITS AS WELL AS THE MESSAGE WILL BE APPROVED BY THE RESIDENT ENGINEER. THESE SIGNS WILL BE PAID FOR UNDER ITEM 641.5, "PORTABLE CHANGEABLE MESSAGE SIGN".

PCMS SHOULD NOT REPLACE ANY OF THE SIGNING DETAILED IN THE MUTCD AND SHOULD NOT BE USED IF STANDARD TRAFFIC CONTROL DEVICES ADEQUATELY PROVIDE THE INFORMATION THE MOTORISTS NEED TO TRAVEL SAFELY.

THE PCMS SHALL CONSIST OF EITHER ONE OR TWO PHASES. TYPICALLY, A PHASE SHALL CONSIST OF UP TO THREE LINES OF EIGHT CHARACTERS PER LINE. THE PCMS SHOULD BE USED TO SUPPLEMENT AND NOT AS A SUBSTITUTE FOR CONVENTIONAL SIGNS AND PAVEMENT MARKINGS.

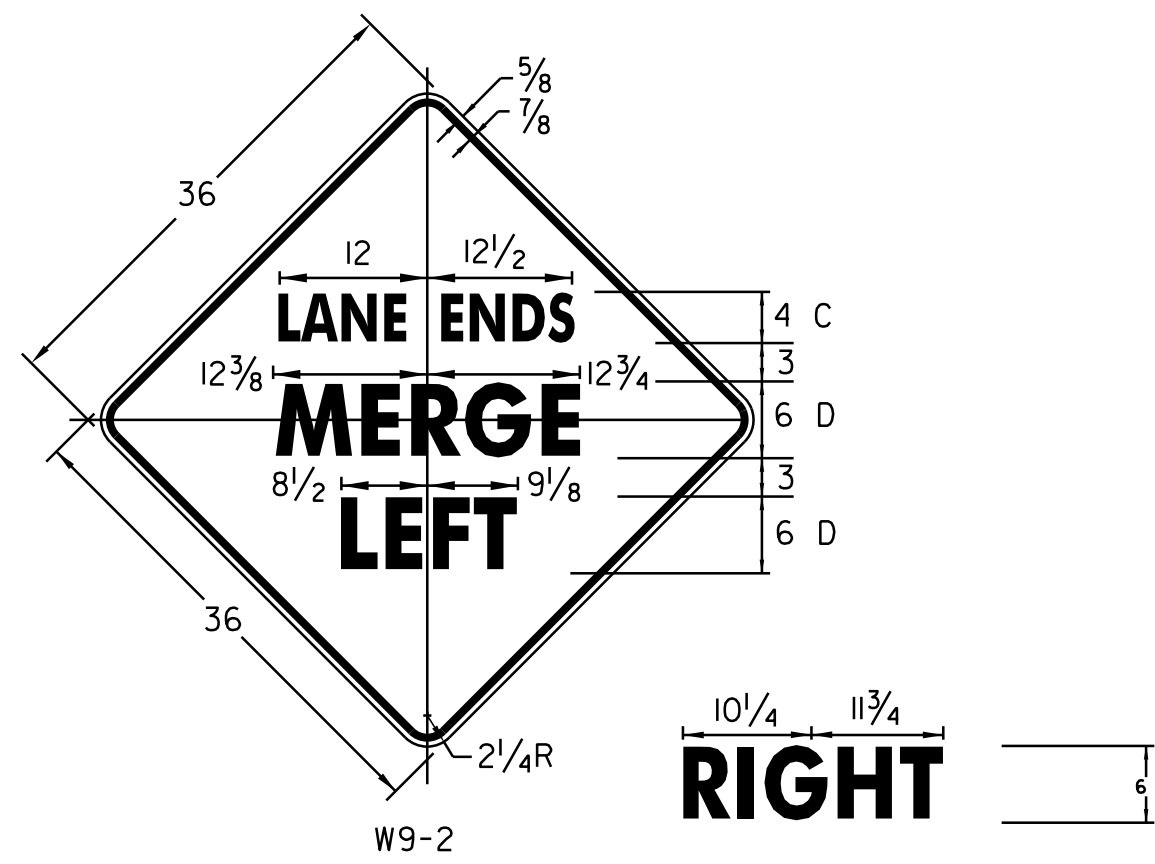
THE PCMS SHOULD COMMUNICATE WHAT INFORMATION MOTORISTS NEED TO KNOW. UNNECESSARY INFORMATION SHOULD BE AVOIDED. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS.

- THE MUTCD 2003 SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.

- NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. TRAFFIC CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE 2003 MUTCD AND/OR VTRANS STANDARDS.

- ON VTRANS STANDARDS E-103, SIGN W4-2 MAY BE REPLACED WITH W9-2:

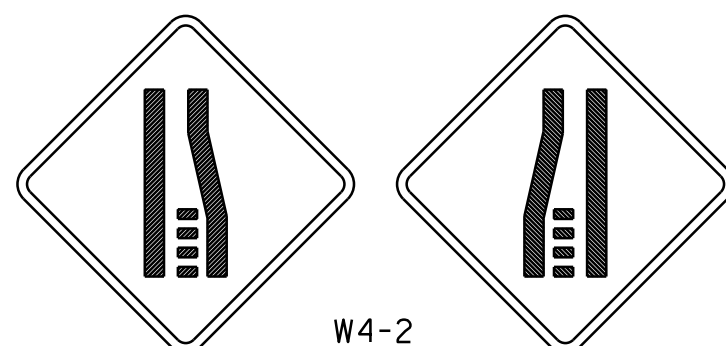
- PAYMENT FOR CONSTRUCTION SIGNING WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.0, TRAFFIC CONTROL.



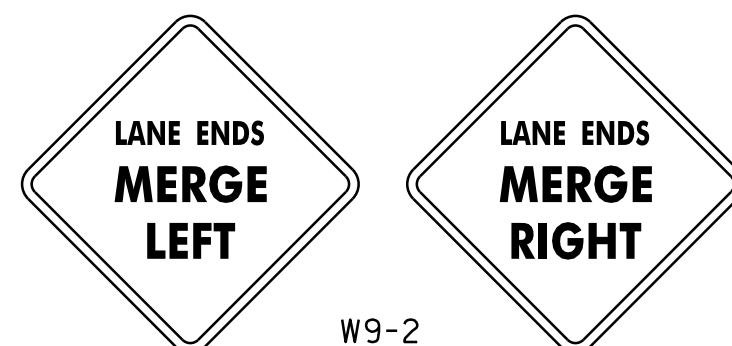
W9-2
 MATERIALS & COLORS:
 PER VAOT STANDARD E-154

LIST OF CONSTRUCTION SIGNS

TOWN HIGHWAY	RWA	RW500	SRWA	SRW500	EW	RWN
ST. GEORGE						
BEGIN PROJECT	2	2				
VT ROUTE 2A						
TH #5						
SHELBURNE						
TH#19						
ST. GEORGE						
TH #6						
TH #7						
SOUTH BURLINGTON						
TH#10						
TH#23						
TH#146						
BUTLER DR.						
TH#163						
TH#159						
TH#157						
MEADOWLAND DR (VERIZON)						
TH#9						
ELDREDGE RD						
TH #145						
KENNEDY DR			4	4	2	2
TH #68						
TH #67						
TH #120						
LILAC LANE						
TH #12						
TH #10						
TH #41						
TH #43						
TH #66						
MARKETPLACE RD						
END PROJECT			4	4	2	
TOTALS	30	2	8	8	33	3



W4-2



W9-2

CONSTRUCTION APPROACH SIGNING

DESIGNED BY BCE/PJM DATE 6-07
 DRAWN BY C.E.A., INC. DATE 6-07
 DESIGN FILE NO. p05b052.dgn
 PRF FILE p05b052cas.i DATE 03-MAY-2012 17:
 PLOTTED 03-MAY-2012 17:
 PROJ. NAME **ST. GEORGE-SO. BURLINGTON**
 PROJ. NO. **ST-STP 2508(1)S**
 SHEET **42** OF **42** SHEETS

DATUM
 VERTICAL N/A
 HORIZONTAL N/A