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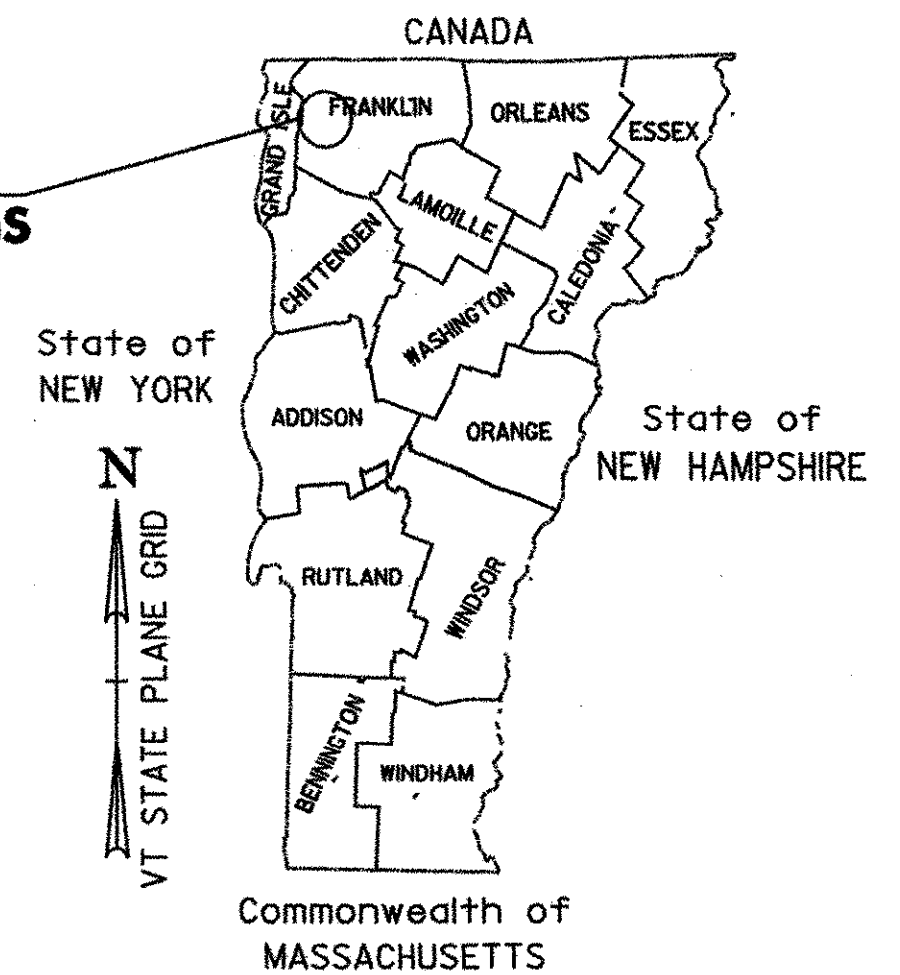
SEE SHEET 2

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
TOWNS OF  
ST. ALBANS, SWANTON & HIGHGATE  
COUNTY OF FRANKLIN  
VT ROUTE 207 AND US ROUTE 7

PROJECT LOCATION  
STP 2114(1)S AND STP 2335(1)S



RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES - BERLIN, VT
RESIDENT ENGINEER:	D. WARNER
CONSTRUCTION BEGAN:	JUNE 1, 2004
CONSTRUCTION COMPLETE:	OCTOBER 20, 2004
RECORD PLANS BY:	D. WARNER
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY <i>D. Warner</i>	RESIDENT ENGINEER
DATE <i>12/12/05</i>	
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. ALBANS - HIGHGATE STP 2114(1)S

BEGINNING IN THE TOWN OF ST. ALBANS ON VT ROUTE 207 AT THE INTERSECTION OF U.S. ROUTE 7, STA. 0+006.44 (MM 0.004) AND EXTENDING NORTHERLY ALONG VT ROUTE 207 FOR A DISTANCE OF 11,574.40 M (7.192 MILES) TO STA. 3+199.38 (MM 1.988) AT THE INTERSECTION OF VT ROUTE 78 IN THE TOWN OF HIGHGATE.

PROJECT DATA	LENGTH (M)	LENGTH (MILES)
TOWN OF ST. ALBANS VT ROUTE 207 STA. 0+006.44 TO STA. 0+677.53 MM 0.004 TO MM 0.421	671.09	0.417
TOWN OF SWANTON VT ROUTE 207 STA. 0+000.0 TO STA. 7+703.93 MM 0.000 TO MM 4.787	7,703.93	4.787
TOWN OF HIGHGATE VT ROUTE 207 STA. 0+000.0 TO STA. 3+199.38 MM 0.000 TO MM 1.988	3,199.38	1.988
TOTAL PROJECT LENGTH	11,574.40	7.192
TOTAL ROADWAY LENGTH	11,574.40	7.192

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING AND RESURFACING OF THE EXISTING HIGHWAY, COLD PLANING AND RESURFACING BRIDGES, NEW PAVEMENT MARKINGS, GUARD RAIL, DITCHING AND INCIDENTAL ITEMS.

ST. ALBANS - SWANTON STP 2335(1)S

BEGINNING IN THE TOWN OF ST. ALBANS ON US ROUTE 7 AT STA. 1+881.32 (MM 1.169) AND EXTENDING NORTHERLY ALONG US ROUTE 7 FOR A DISTANCE OF 1,332.54 M (0.828 MILES) TO STA. 3+213.86 (MM 1.997) IN THE TOWN OF ST. ALBANS. THE PROJECT RESUMES IN THE TOWN OF ST. ALBANS ON US ROUTE 7 AT STA. 3+514.81 (MM 2.184) AND EXTENDS NORTHERLY ALONG US ROUTE 7 FOR A DISTANCE OF 9,308.50 M TO STA. 8+154.55 (MM 5.067) IN THE TOWN OF SWANTON.

PROJECT DATA	LENGTH (M)	LENGTH (MILES)
TOWN OF ST. ALBANS US ROUTE 7 STA. 1+881.32 TO STA. 3+213.86 MM 1.169 TO MM 1.997	1,332.54	0.828
TOWN OF ST. ALBANS US ROUTE 7 STA. 3+514.81 TO STA. 4+667.26 MM 2.184 TO MM 2.901	1,152.45	0.717
TOWN OF SWANTON US ROUTE 7 STA. 0+000.0 TO STA. 8+154.55 MM 0.000 TO MM 5.067	8,154.55	5.067
TOTAL PROJECT LENGTH	10,639.54	6.612
TOTAL ROADWAY LENGTH	10,940.49	6.799

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING AND RESURFACING OF THE EXISTING HIGHWAY, NEW PAVEMENT MARKINGS, GUARD RAIL, DITCHING AND INCIDENTAL ITEMS.

CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	
UNDERGROUND TELE LINES	
UNDERGROUND CABLE BOX	

END STP 2335(1)S  
US ROUTE 7  
SWANTON  
STA. 8+154.55 (MM 5.067)

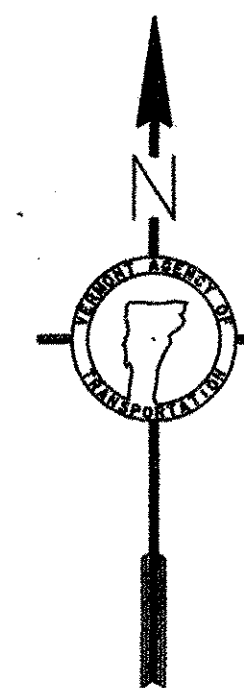
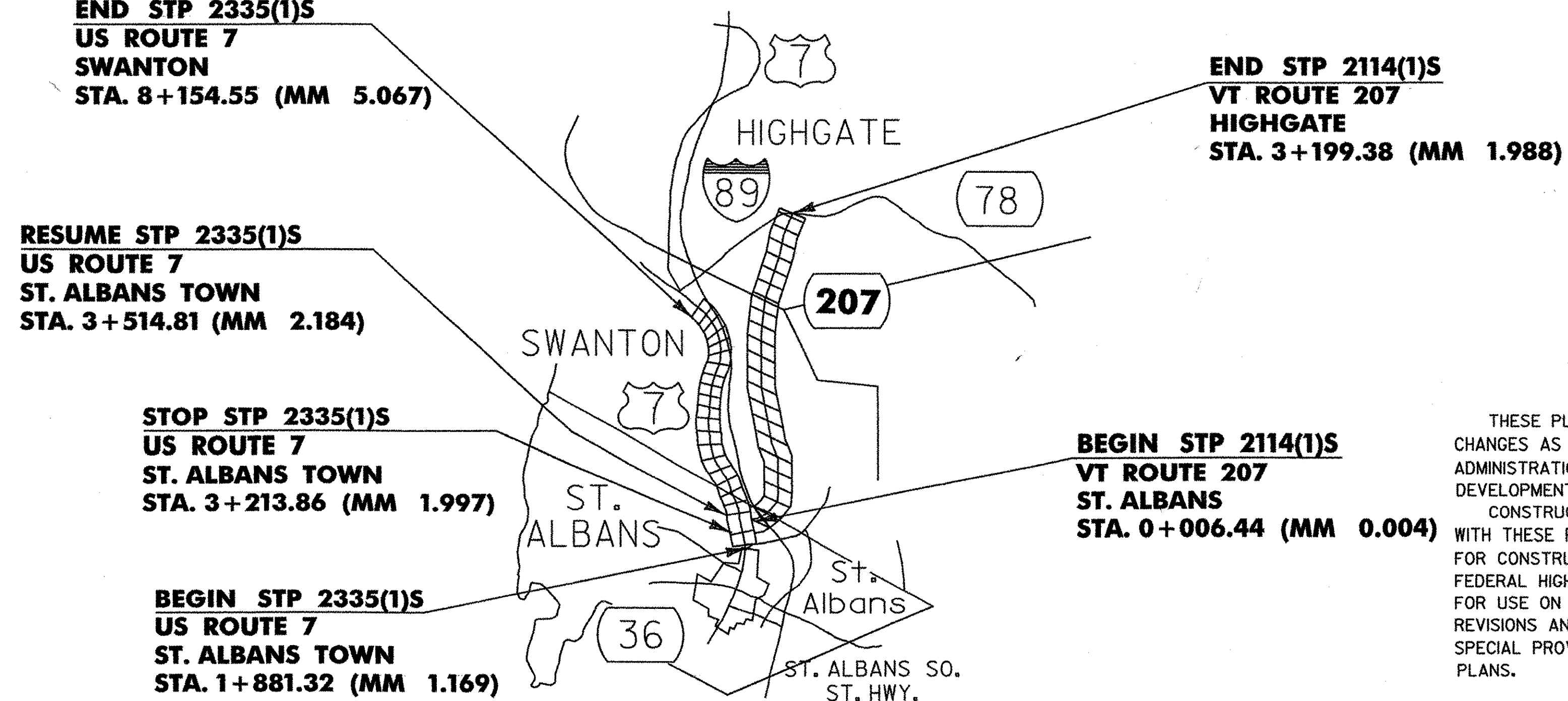
RESUME STP 2335(1)S  
US ROUTE 7  
ST. ALBANS TOWN  
STA. 3+514.81 (MM 2.184)

STOP STP 2335(1)S  
US ROUTE 7  
ST. ALBANS TOWN  
STA. 3+213.86 (MM 1.997)

BEGIN STP 2335(1)S  
US ROUTE 7  
ST. ALBANS TOWN  
STA. 1+881.32 (MM 1.169)

END STP 2114(1)S  
VT ROUTE 207  
HIGHGATE  
STA. 3+199.38 (MM 1.988)

BEGIN STP 2114(1)S  
VT ROUTE 207  
ST. ALBANS  
STA. 0+006.44 (MM 0.004)



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

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

**Metric**

UNLESS NOTED OTHERWISE  
STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED _____	DATE _____
DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED <i>[Signature]</i>	DATE <i>3/4/04</i>
PROJECT MANAGER :	
PROJECT NAME AND NUMBER: ST. ALBANS - HIGHGATE A C STP 2114(1)S AND ST. ALBANS - SWANTON A C STP 2335(1)S	
SHEET 1 OF 89 SHEETS	

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## VTrans STANDARDS

C-1M	TREATED TIMBER CURB	01-03-00
D-15M	CAST IRON GRATE, TYPE D	06-13-97
E-100M	CONSTRUCTION APPROACH SIGNS	06-13-97
E-100AM	SIDE ROAD CONSTRUCTION APPROACH SIGNS	02-02-98
E-101M	CONSTRUCTION SIGN DETAILS	05-30-03
E-102M	CONSTRUCTION SIGN DETAILS	06-30-03
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-103M	MAINLINE TRAFFIC CONTROL-DIVIDED HWY.-LANE CLOSED	09-24-98
E-106M	TRAFFIC CONTROL MISCELLANEOUS DETAILS	06-13-97
E-107M	CONSTRUCTION AREA BARRICADES AND DELINEATION	06-30-03
E-107AM	BREAKAWAY BARRICADE DETAILS	06-13-97
E-108M	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06-13-97
E-110M	MAJOR MAINTENANCE OPERATION LANE CLOSURE	06-13-97
E-120M	STANDARD SIGN PLACEMENT EXPRESSWAY	06-13-97
E-121M	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	06-13-97
E-136BM	STATE ROUTE MARKER SIGN DETAILS	06-13-97
E-138M	REFERENCE PLAQUE DETAILS	05-30-03
E-141M	REGULATORY SIGN DETAILS	06-13-97
E-142M	REGULATORY SIGN DETAILS	06-13-97
E-143M	REGULATORY SIGN DETAILS	06-13-97
E-144M	REGULATORY SIGN DETAILS	03-29-99
E-145AM	REGULATORY SIGN DETAILS	06-13-97
E-150M	WARNING SIGN DETAILS	06-13-97
E-152M	WARNING SIGN DETAILS	06-13-97
E-155M	WARNING SIGN DETAILS	06-13-97
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-164M	SQUARE STEEL SIGN POST	06-13-97
E-172M	VEHICLE DETECTOR LOOP DETAILS	06-13-97
E-173M	PULLBOXES AND JUNCTION BOXES	06-13-97
E-190M	RAILROAD CROSSING SIGNS AND PAVEMENT MARKINGS	06-30-03
E-191M	PAVEMENT MARKING DETAILS	02-01-99
E-192M	PAVEMENT MARKING DETAILS	12-28-98
E-193M	PAVEMENT MARKING DETAILS	06-13-97
G-1M	STEEL BEAM GUARD RAIL	01-03-00
G-1dM	STEEL BEAM GUARD RAIL	01-03-00
G-19M	GENERIC GRADING PLAN FOR GUARD RAIL TERMINALS	11-15-02
J-3M	MAILBOX SUPPORT DETAIL (SINGLE & MULTIPLE SUPPORT)	06-13-97

PROJECT NAME AND NUMBER:	
ST. ALBANS - HIGHGATE	STP 2114(1)S
ST. ALBANS - SWANTON	STP 2335(1)S
FILE NAME: /pave/98c110/pcl10.dgn	PLOT DATE: 16-SEP-2005 13:
PROJECT LEADER: JLL	DRAWN BY: D-H
DESIGNED BY: D-H	CHECKED BY:
IPARM FILE NAME: pcl10ind.i	SHEET 2 OF 89

ST. ALBANS - SWANTON STP 2335(I)S			ST. ALBANS - HIGHGATE STP 2114(I)S			SUMMARY OF ESTIMATED QUANTITIES					DETAILED SUMMARY OF QUANTITIES			DETAILED SUMMARY OF QUANTITIES		
EMPLOYEE TRAINEE- SHIP	BRIDGE	ROADWAY	EMPLOYEE TRAINEE- SHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND	QUANTITIES	UNIT	ITEMS	QUANTITIES	UNIT	ITEMS
		45				45	m³	COMMON EXCAVATION	203.15							
		260			1	261	m³	EARTH BORROW	203.30							
		97				97	M	SHOULDER BERM REMOVAL	203.99							
		0.5			0.5	1	m³	TRENCH EXCAVATION OF EARTH (NOT A BID ITEM)	204.20							
		105940			15720	121660	m²	COLD PLANING - BITUMINOUS PAVEMENT	210.10							
		111			2300	2411	T	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28							
		2830			2210	5040	T	AGGREGATE SHOULDERS (MOD.)	402.12							
		24750			23400	48150	KG	EMULSIFIED ASPHALT	404.65							
					12200	12200	T	MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.27							
		0.5			0.5	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50							
		13690				13690	T	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	490.30							
	25			22		47	M	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG)	516.10							
					7	7	EA	CHANGING ELEVATION OF DI'S, CB'S OR MH'S	604.40							
					1	1	EA	REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I	604.412							
		160			360	520	HR	POWER GRADER RENTAL	608.15							
		160			300	460	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25							
		110			120	230	HR	POWER BROOM RENTAL	608.30							
		160			15	175	HR	POWER BROOM RENTAL, TYPE II	608.31							
		300			360	660	HR	TRUCK RENTAL	608.37							
		160			360	520	HR	LOADER RENTAL, TYPE I	608.40							
		18100				18100	m³	DUST CONTROL WITH WATER	609.10							
					1	1	T	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15							
		29			40	69	m³	STONE FILL, TYPE I	613.10							
		1				1	T	BITUMINOUS CONCRETE CURB, TYPE B	616.31							
					120	120	M	TREATED TIMBER CURB	616.35							
		3				3	M	REMOVAL OF EXISTING CURB	616.41							
		94			10	104	T	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47							
		2				2	EA	RELOCATE MAIL BOX, SINGLE SUPPORT	617.10							
		54			25	79	EA	YIELDING MARKER POSTS	619.17							

PROJECT NAME AND NUMBER :  
 ST. ALBANS - HIGHGATE STP 2114(I)S  
 ST. ALBANS - SWANTON STP 2335(I)S  
 DESIGN FILE NAME: /pave/98c110/pci0.dgn  
 IPARM FILE NAME: pci0cqs1.l  
 SURVEYED BY: D-H  
 SQUAD LEADER:  
 PLOT DATE: 16-SEP-2005 13  
 SURVEY DATE: 07/22/99  
 DRAWN BY: D-H  
 SHEET: 3 OF 89





# STATE OF VERMONT AGENCY OF TRANSPORTATION



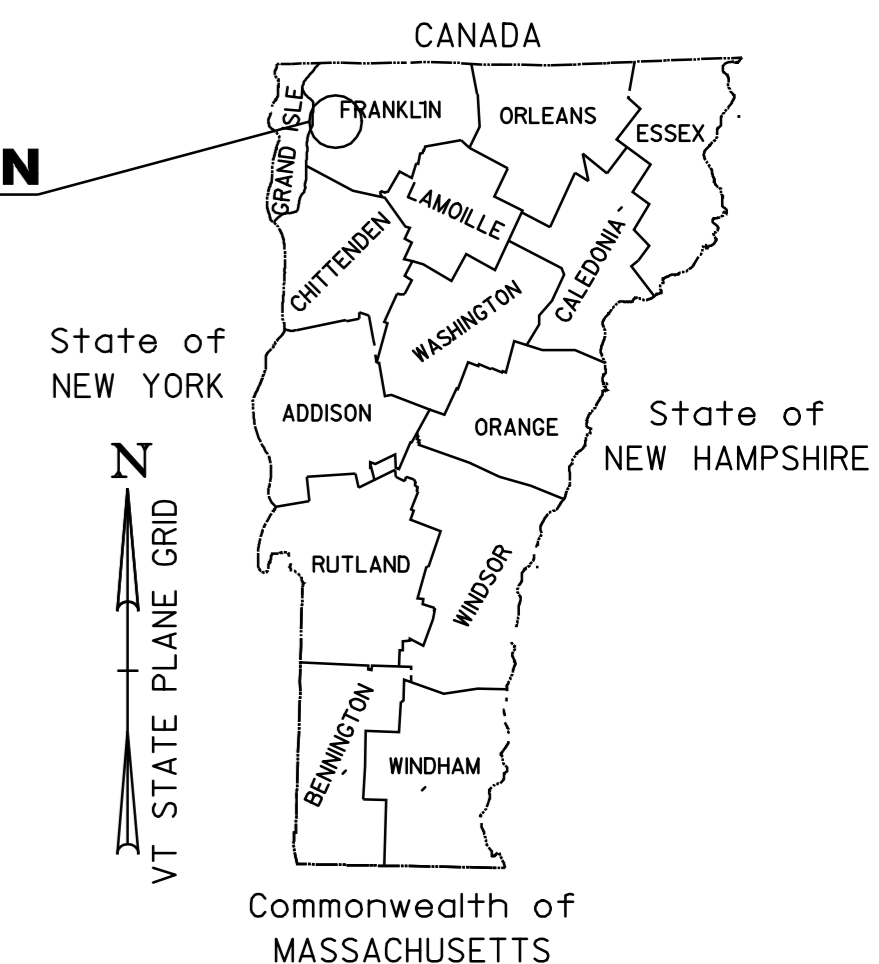
## PROPOSED IMPROVEMENT TOWNS OF ST. ALBANS, SWANTON & HIGHGATE COUNTY OF FRANKLIN VT ROUTE 207

BEGINNING IN THE TOWN OF ST. ALBANS ON VT ROUTE 207 AT THE INTERSECTION OF U.S. ROUTE 7,  
STA. 0+006.44 (MM 0.004) AND EXTENDING NORTHERLY ALONG VT ROUTE 207 FOR A DISTANCE OF 11574.40 M  
(7.192 MILES) TO STA. 3+199.38 (MM 1.988) AT THE INTERSECTION OF VT ROUTE 78 IN THE TOWN OF HIGHGATE.

PROJECT DATA	LENGTH (M)	LENGTH (MILES)
TOWN OF ST. ALBANS VT ROUTE 207 STA. 0+006.44 TO STA. 0+677.53 MM 0.004 TO MM 0.421	671.09	0.417
TOWN OF SWANTON VT ROUTE 207 STA. 0+000.0 TO STA. 7+703.93 MM 0.000 TO MM 4.787	7703.93	4.787
TOWN OF HIGHGATE VT ROUTE 207 STA. 0+000.0 TO STA. 3+199.38 MM 0.000 TO MM 1.988	3199.38	1.988
<b>TOTAL PROJECT LENGTH</b>	<b>11574.40</b>	<b>7.192</b>
<b>TOTAL ROADWAY LENGTH</b>	<b>11574.40</b>	<b>7.192</b>

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING  
AND RESURFACING OF THE EXISTING HIGHWAY, COLD PLANING AND RESURFACING BRIDGES,  
NEW PAVEMENT MARKINGS, GUARD RAIL, DITCHING AND INCIDENTAL ITEMS.

### PROJECT LOCATION STP 2114(1)S



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11	DITCHING DETAIL SHEET
12-14	QUANTITY SHEETS
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41-45	TRAFFIC SIGN SUMMARY SHEETS
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### VTrans STANDARDS

C-1M	TREATED TIMBER CURB	01-03-00
D-15M	CAST IRON GRATE, TYPE D	06-13-97
E-100M	CONSTRUCTION APPROACH SIGNS	06-13-97
E-100AM	SIDE ROAD CONSTRUCTION APPROACH SIGNS	02-02-98
E-101M	CONSTRUCTION SIGN DETAILS	05-30-03
E-102M	CONSTRUCTION SIGN DETAILS	06-30-03
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
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E-145AM	REGULATORY SIGN DETAILS	06-13-97
E-150M	WARNING SIGN DETAILS	06-13-97
E-152M	WARNING SIGN DETAILS	06-13-97
E-155M	WARNING SIGN DETAILS	06-13-97
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-164M	SQUARE STEEL SIGN POST	06-13-97
E-172M	VEHICLE DETECTOR LOOP DETAILS	06-13-97
E-191M	PAVEMENT MARKING DETAILS	02-01-99
E-192M	PAVEMENT MARKING DETAILS	12-28-98
E-193M	PAVEMENT MARKING DETAILS	06-13-97
G-1M	STEEL BEAM GUARD RAIL	01-03-00
G-1dM	STEEL BEAM GUARD RAIL	01-03-00
G-19M	GENERIC GRADING PLAN FOR GUARD RAIL TERMINALS	11-15-02

### TRAFFIC DATA VT ROUTE 207

PROJECT	ADT		DHV		ESALS
	2001	2011	2001	2011	(2001-2011)
ST. ALBANS/SWANTON/HIGHGATE (MM 0.00 - MM 1.988)					
START OF PROJECT TO JUNCTION OF I-89	9400	11100	1020	1200	2,051,000
JUNCTION OF I-89 TO END OF PROJECT	2600	3100	370	440	573,000



### CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	
UNDERGROUND TELE LINES	
UNDERGROUND CABLE BOX	

### UTILITY LEGEND

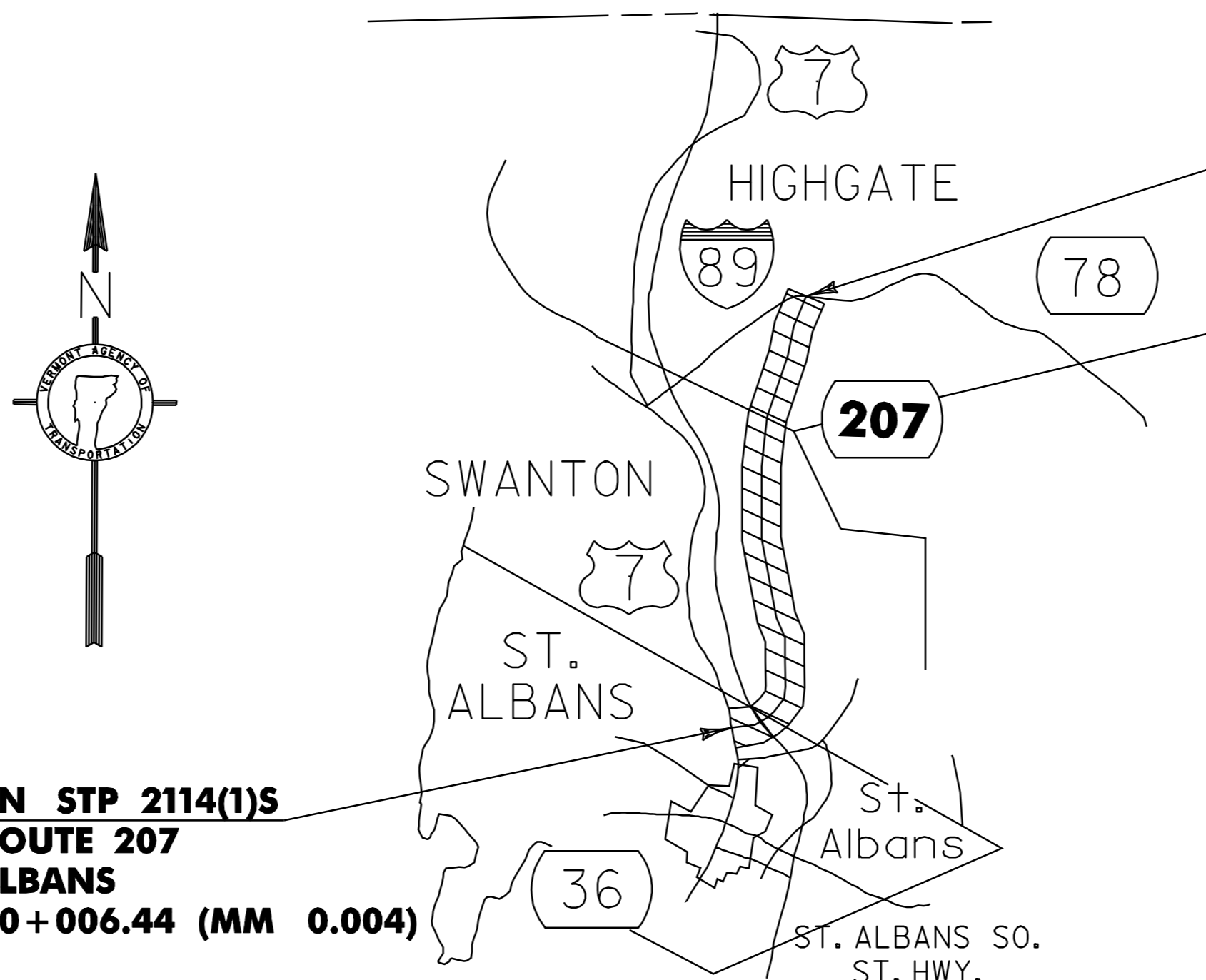
	= EXISTING HYDRANT
	= EXISTING DI
	= EXISTING MANHOLE
	= EXISTING TELEPHONE MANHOLE
	= EXISTING ELECTRIC MANHOLE
	= EXISTING SEWER MANHOLE
	= EXISTING WATER SHUTOFF
	= EXISTING GAS SHUTOFF
	= EXISTING MAILBOX

### SIGN LEGEND

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

SURVEYED BY : D-H  
SURVEYED DATE : 9/99

DATUM  
VERTICAL: N/A  
HORIZONTAL: N/A



**END STP 2114(1)S  
VT ROUTE 207  
HIGHGATE  
STA. 3+199.38 (MM 1.988)**

**BEGIN STP 2114(1)S  
VT ROUTE 207  
ST. ALBANS  
STA. 0+006.44 (MM 0.004)**

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

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.



UNLESS NOTED OTHERWISE  
STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED _____	DATE _____
DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED _____	DATE _____
PROJECT MANAGER :	
PROJECT NAME :	<b>ST. ALBANS-HIGHGATE</b>
PROJECT NUMBER :	<b>STP 2114(1)S</b>
SHEET 6 OF 89 SHEETS	

**NOTES**

1. THE PAVEMENT WEARING COURSE ON BRIDGE NO. 6 SHALL BE TYPE IV. THE PAVEMENT WEARING COURSE ON THE ROADWAY SHALL BE TYPE III. THE ESTIMATED 15 mm LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT.
3. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE PROJECT AS WELL AS ON THE TOWN HIGHWAYS AND RAMPS IN THE COLD PLANE AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON SHEET 8.
4. WHEN COLD PLANING BRIDGE NO. 6, CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE EXISTING MEMBRANE. ANY COSTS ASSOCIATED WITH REPAIRING OR REPLACING THIS MEMBRANE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.  
  
THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID THE ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES LOCATED AT CURB LINE AND IN THE EXPANSION JOINTS. THE CONTRACTOR SHALL EXAMINE THESE BRIDGE FEATURES ON A REGULAR BASIS TO ENSURE THAT DEBRIS HAS NOT ACCUMULATED. ANY DEBRIS WHICH IS PRESENT SHALL BE REMOVED BY THE CONTRACTOR AT NO COST TO THE STATE.
5. EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m<sup>2</sup> OR AS DIRECTED BY THE ENGINEER.
6. MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
7. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE ENGINEER.  
  
EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR GRADER RENTAL.  
  
MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED) OR COLD PLANE GRINDINGS (402.12 MOD.) AS DIRECTED BY THE RESIDENT ENGINEER.  
  
EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
8. COLD PLANE GRINDINGS MAY BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER UNDER ITEM 402.12 (MOD.).
9. EXCAVATED MATERIAL FROM DITCH CLEANING OPERATIONS SHALL BE USED FOR THE CONSTRUCTION OF GUARD RAIL TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 CUBIC METERS OF DITCHING MATERIAL AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.

**RURAL AREAS - SEED MIXTURE**

% WT	KG/HA	NAME	PUR %	GERM %
37.1	26.0	CREEPING RED FESCUE	98	85
37.1	26.0	TALL FESCUE	95	90
5.7	4.0	RED TOP	95	90
14.4	10.0	BIRDSFOOT TREFLOIL	98	85
5.7	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

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.

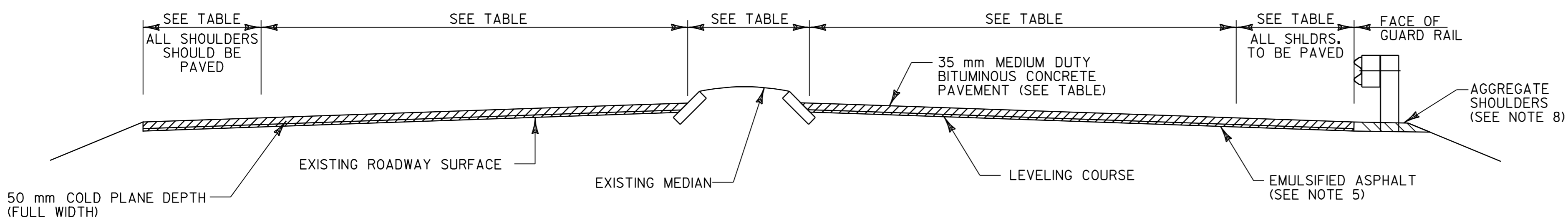
FERTILIZER:  
FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 KG/HA. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA.)

AGRICULTURAL LIMESTONE:  
TO BE APPLIED AT THE RATE OF 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:  
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

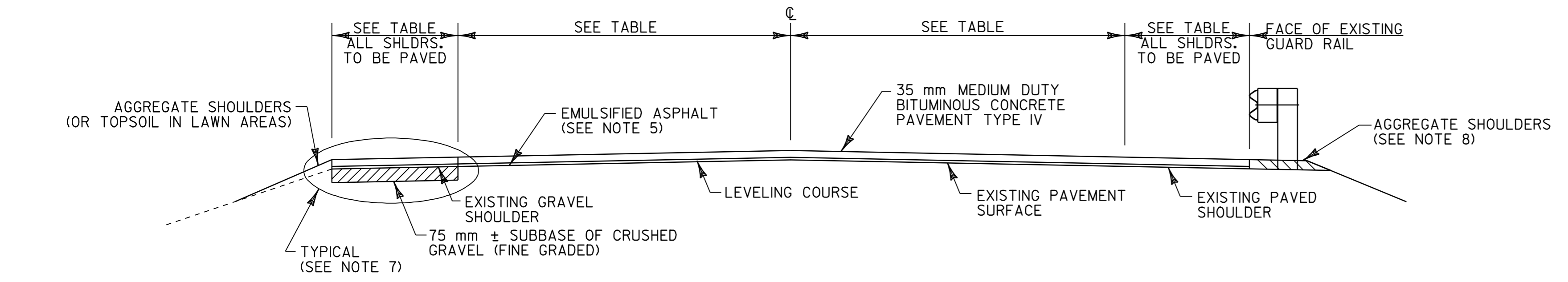
TOPSOIL:  
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.



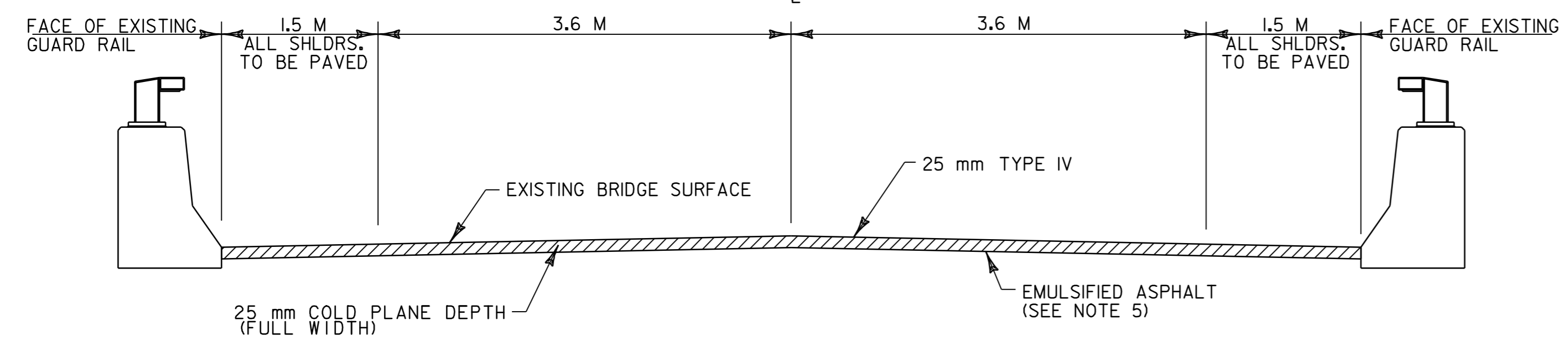
**COLD PLANE TYPICAL SECTION WITH MEDIAN ISLAND**

ST. ALBANS, STA. 0+006.44 TO 0+677.5  
ST. ALBANS, APPROACH RAMP



**OVERLAY TYPICAL SECTION - ROADWAY**

SWANTON STA. 0+000.0 TO STA. 7+703.9  
HIGHGATE STA. 0+000.0 TO STA. 2+679.0  
HIGHGATE STA. 2+776.0 TO STA. 3+199.38



**COLD PLANE TYPICAL SECTION - BRIDGE NO. 6**

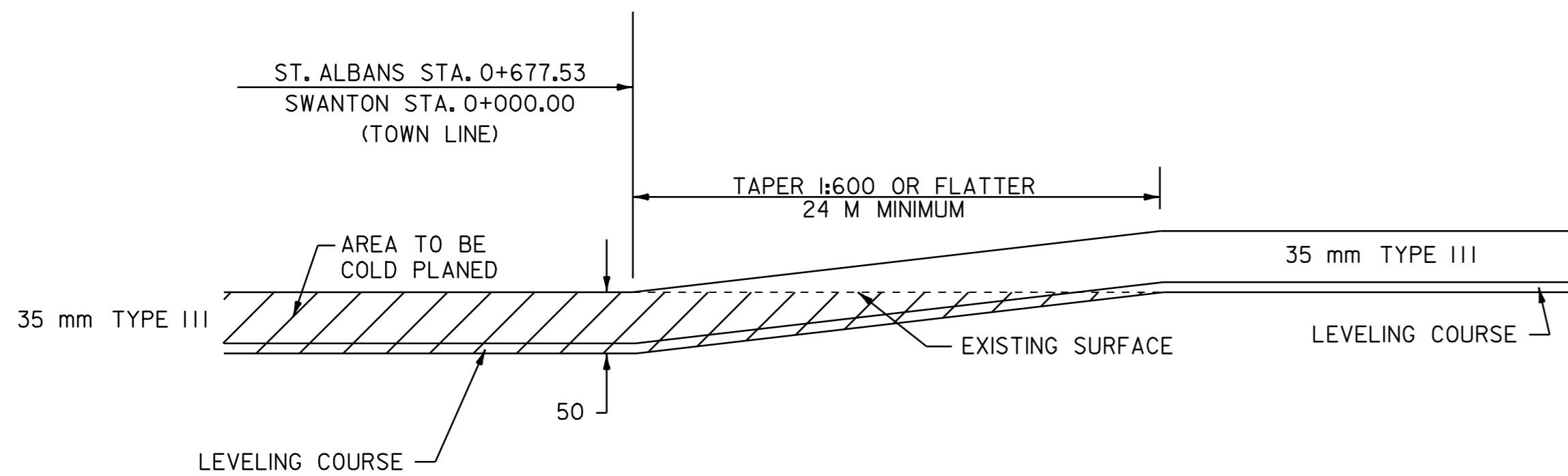
HIGHGATE STA. 2+679.0 TO 2+776.0

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING	NOTES
					TONS	
ST. ALBANS, VT ROUTE 207 AND APPROACH RAMP	0+006.44	0+677.5	VARIABLES, SEE LAYOUT SHEETS	35 mm	463	COLD PLANE 50 mm, LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
SWANTON, VT ROUTE 207	0+000.0	0+275.0	VARIABLES, SEE LAYOUT SHEETS	35 mm	120	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
SWANTON, VT ROUTE 207	0+275.0	7+703.9	0.6 M - 3.3 M - 3.3 M - 0.6 M	35 mm	2075	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	0+000.0	2+533.3	0.6 M - 3.3 M - 3.3 M - 0.6 M	35 mm	718	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	2+533.3	2+563.5	TAPER, SEE LAYOUT SHEETS	35 mm	10	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	2+563.5	2+679.0	1.5 M - 3.6 M - 3.6 M - 1.5 M	35 mm	42	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III
HIGHGATE, VT ROUTE 207	2+679.0	2+776.0	1.5 M - 3.6 M - 3.6 M - 1.5 M	25 mm	-	BRIDGE NO. 6 - COLD PLANE 25 mm, PAVE WITH 25 mm TYPE IV
HIGHGATE, VT ROUTE 207	2+776.0	3+199.38	1.5 M - 3.6 M - 3.6 M - 1.5 M	35 mm	154	LEVEL WITH TYPE IV, THEN OVERLAY WITH 35 mm TYPE III

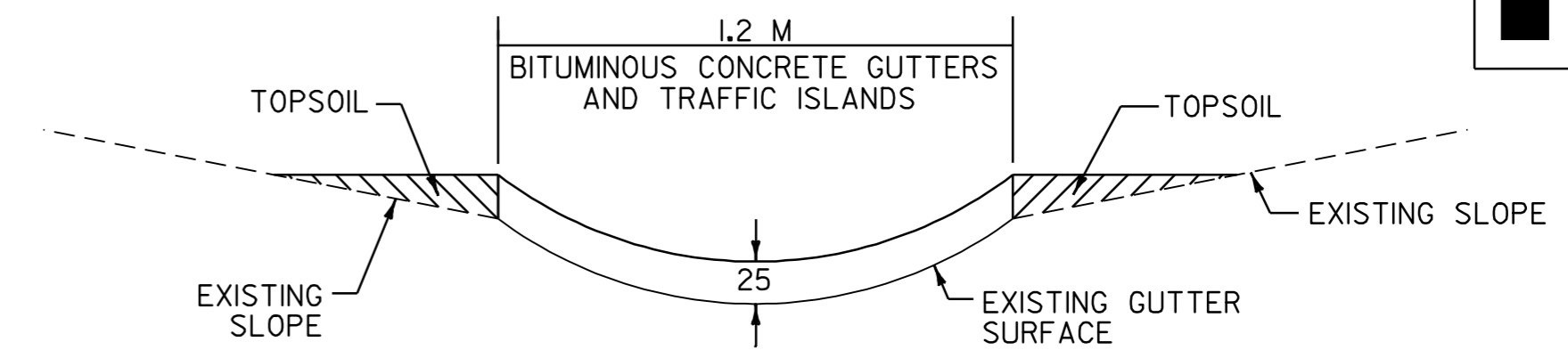
**PROJECT TYPICALS & PAVING LIMITS**

PROJECT NAME: ST. ALBANS - HIGHGATE	PLOT DATE: 16-SEP-2005 13:33
PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
FILE NAME: /pave/98c110/pcl10.dgn	CHECKED BY:
DESIGNED BY: D-H	SHEET 7 OF 89
IPARM FILE NAME: pcl10tyl.i	



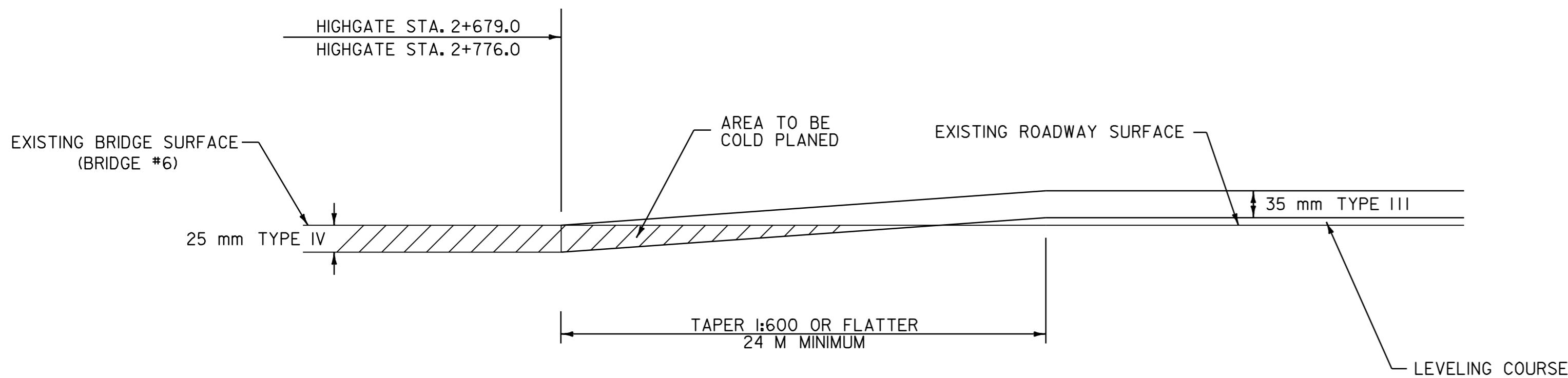
**TRANSITION AREA DETAIL #1**  
FULL ROADWAY WIDTH

(COLD PLANE TO OVERLAY)  
SWANTON STA. 0+000.0 TO 0+024.0



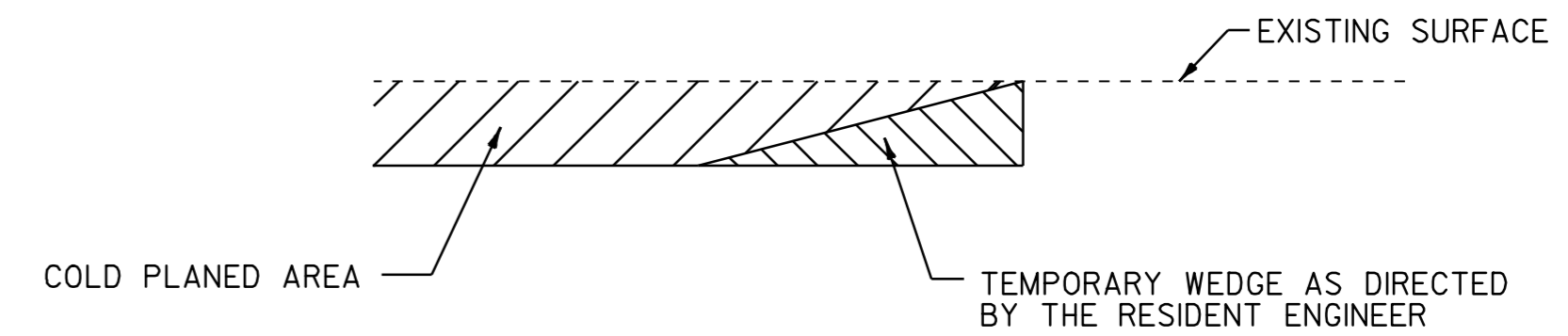
**BITUMINOUS CONCRETE GUTTER DETAIL**

HIGHGATE STA. 2+513.1 TO 2+536.1, RT.  
HIGHGATE STA. 2+529.1 TO 2+563.5, LT.

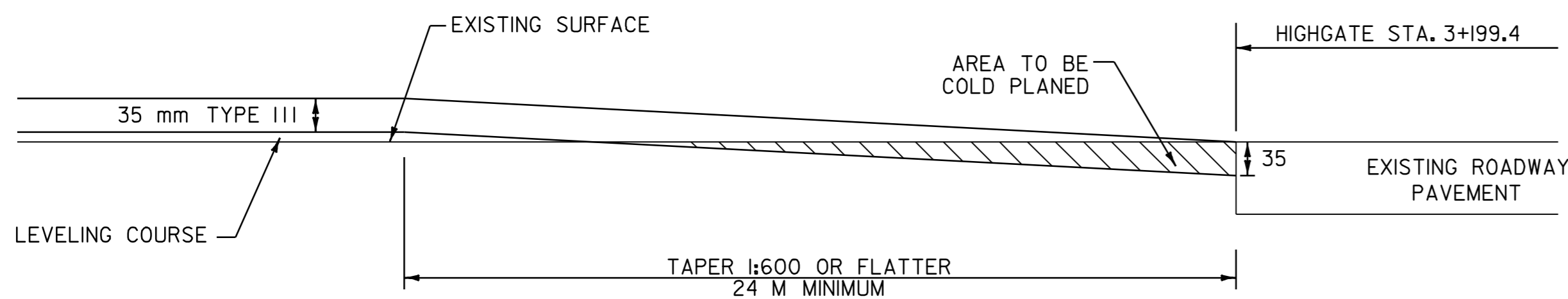


**TRANSITION AREA DETAIL #2**  
FULL ROADWAY WIDTH

(LEVEL AND OVERLAY TO COLD PLANING @ BRIDGE NO. 6)  
HIGHGATE STA. 2+655.0 TO STA. 2+679.0  
HIGHGATE STA. 2+776.0 TO STA. 2+800.0

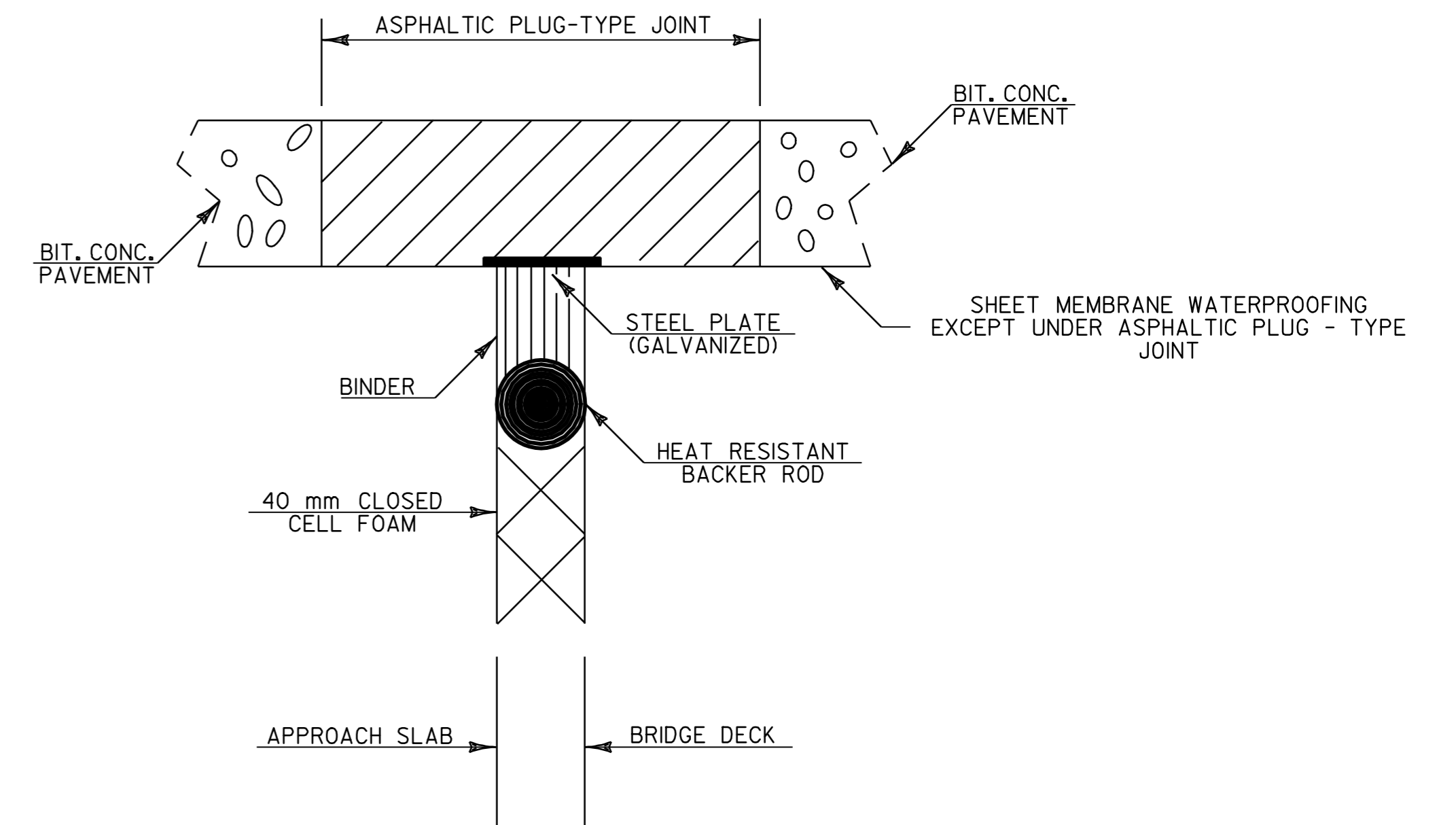


**DETAIL AT VERTICAL COLD PLANE JOINTS**



**APPROACH AREA DETAIL - VT ROUTE 207**  
FULL ROADWAY WIDTH

(END LEVEL AND OVERLAY)  
HIGHGATE STA. 3+175.4 TO 3+199.38

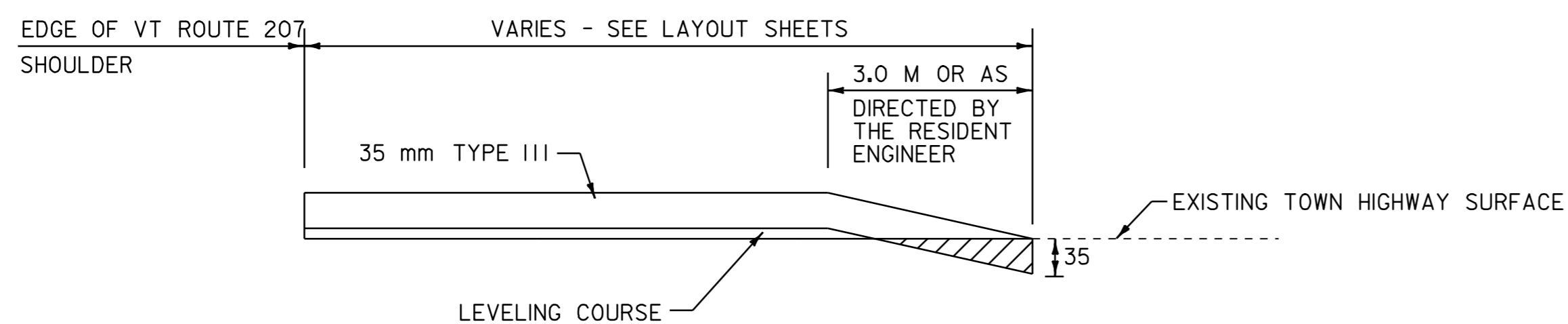


**ASPHALTIC PLUG JOINT DETAIL**

\* REFER TO SPECIAL PROVISIONS  
FOR BASIS OF PAYMENT

NOT TO SCALE

BRIDGE NO. 6 HIGHGATE STA. 2+679 (10.2 m)  
BRIDGE NO. 6 HIGHGATE STA. 2+776 (10.2m)



**APPROACH AREA DETAIL - TOWN HIGHWAYS**  
(LEVEL & OVERLAY AREA)  
FULL WIDTH OF TOWN HIGHWAY

THIS DETAIL WILL BE FOLLOWED FOR TOWN HIGHWAYS IN OVERLAY AREAS  
AS DESIGNATED BY THE RESIDENT ENGINEER

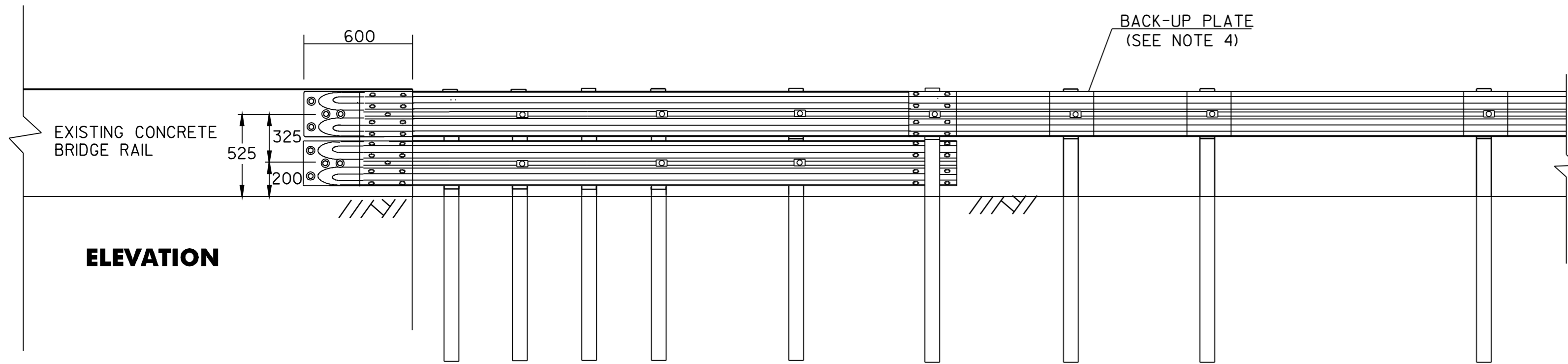
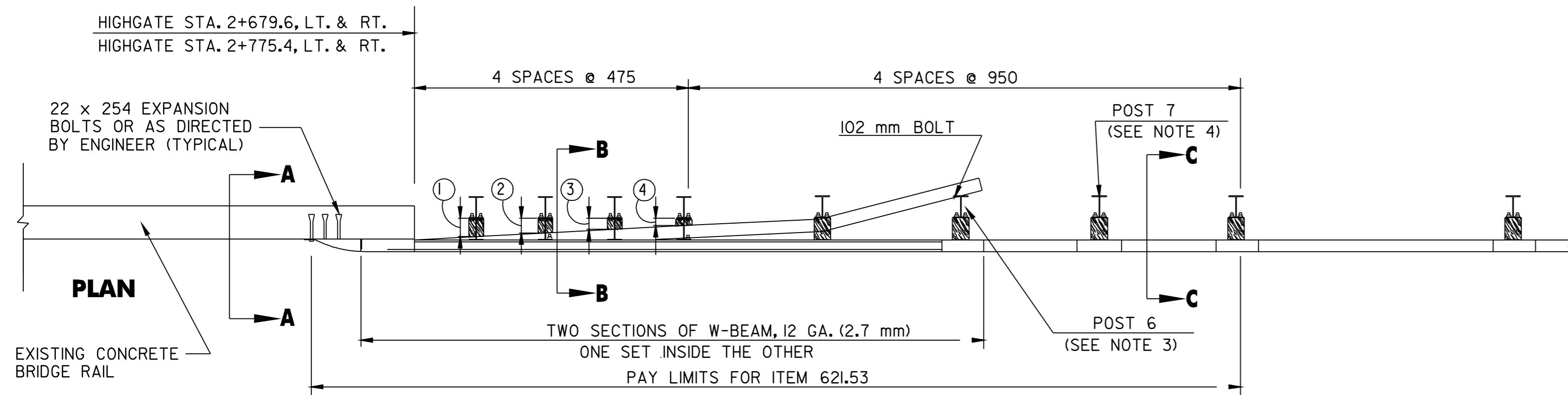
NOTE: ALL DIMENSIONS IN MILLIMETERS  
EXCEPT WHERE OTHERWISE INDICATED

**TRANSITION  
AREA  
DETAILS**

PROJECT NAME: ST. ALBANS - HIGHGATE  
PROJECT NUMBER: STP 2114(1)S

FILE NAME: /pave/98c110/pcl10.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: D-H  
IPARM FILE NAME: pcl10ty2.i

PLOT DATE: 16-SEP-2005 13:33  
DRAWN BY: D-H  
CHECKED BY:  
SHEET 8 OF 89

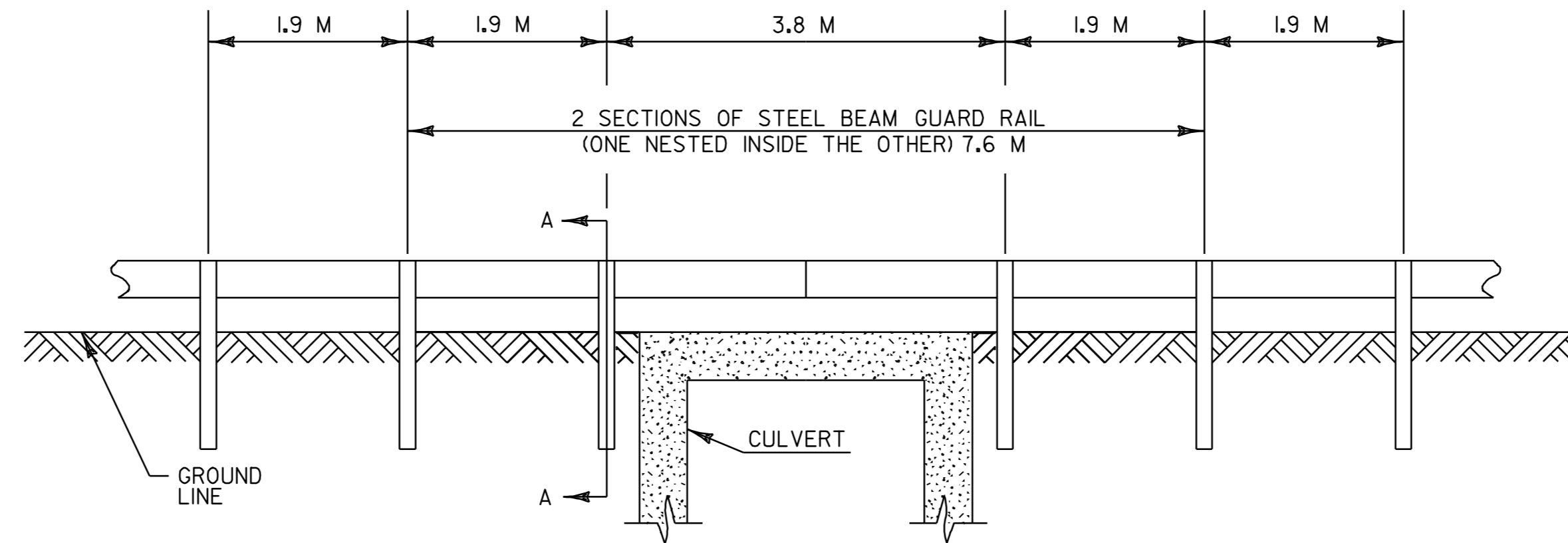
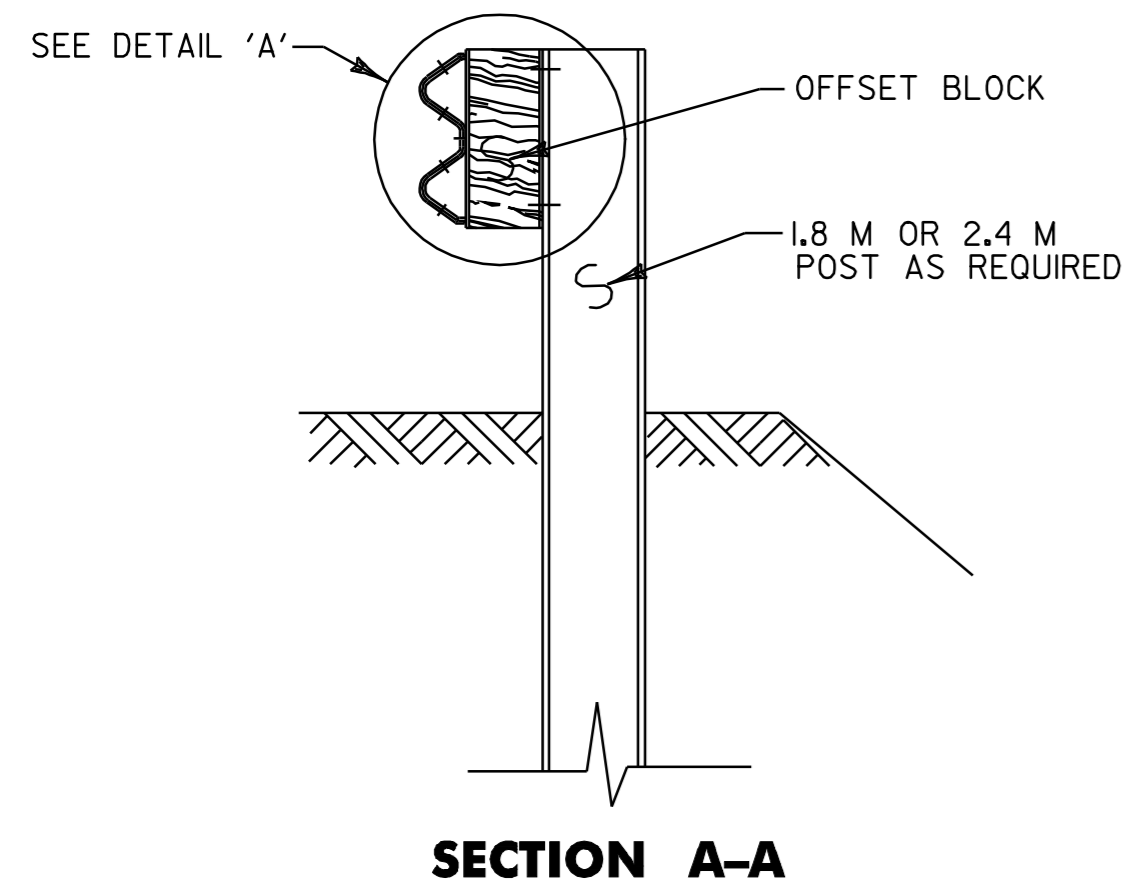
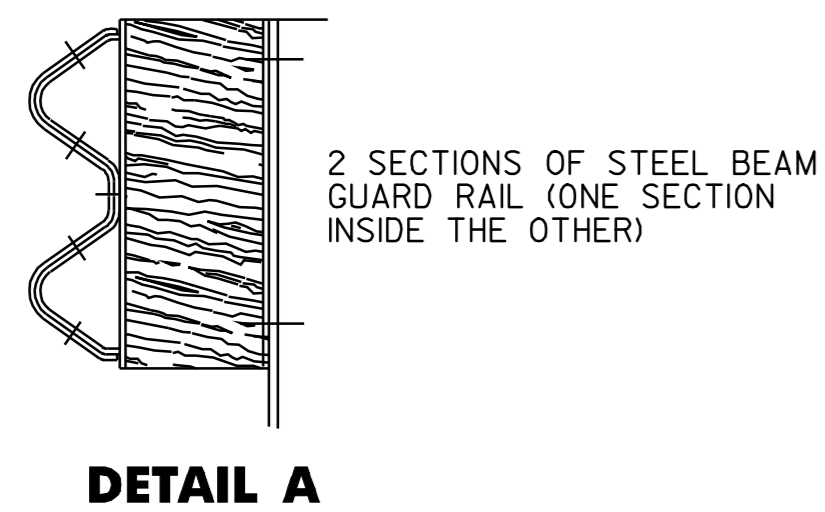
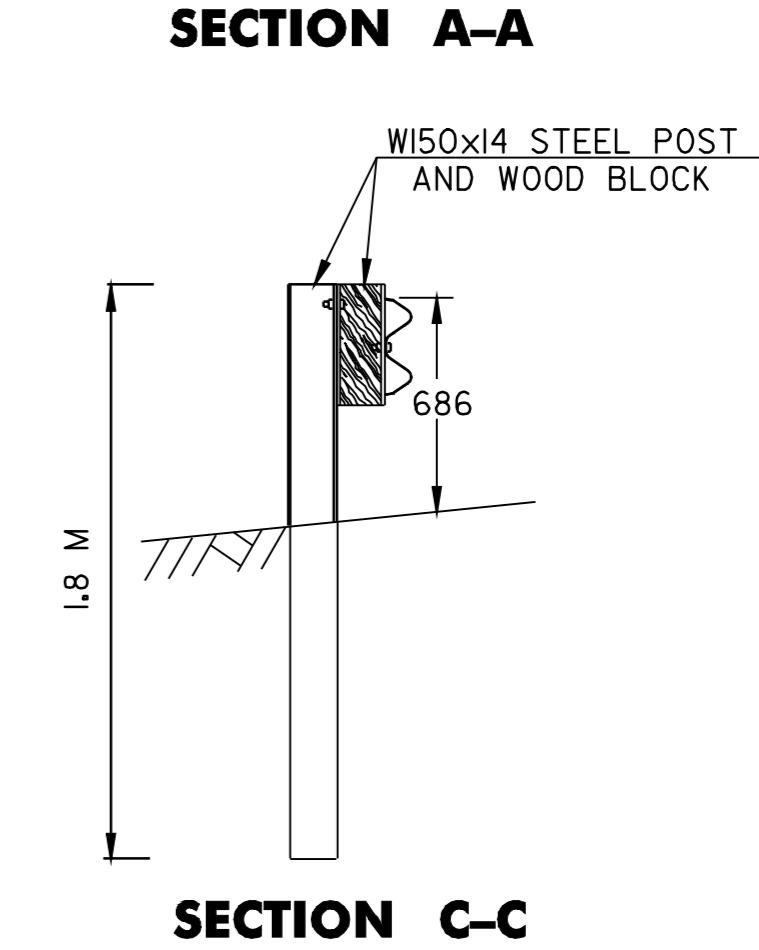
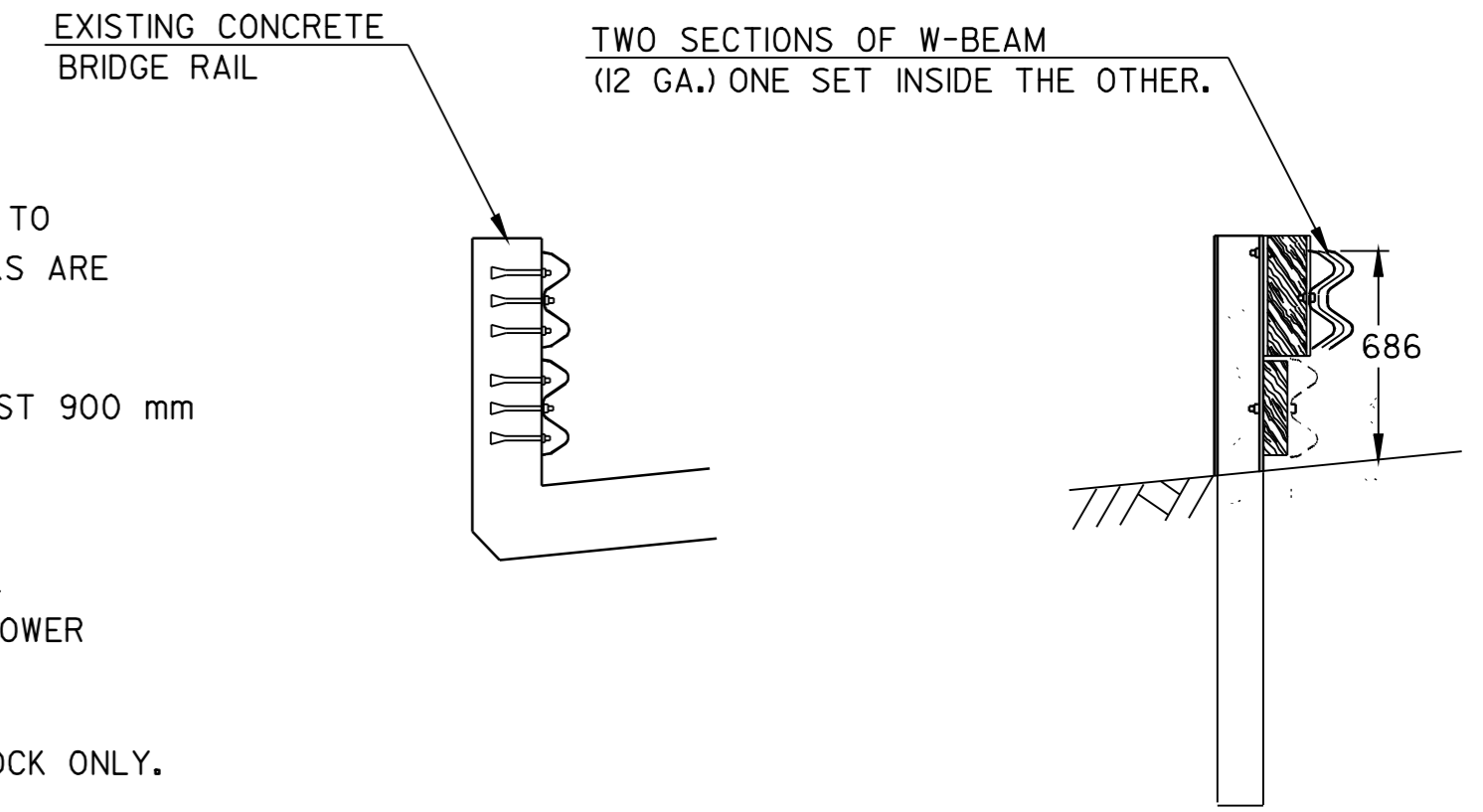


**NOTES**

1. BOTTOM BEAM BLOCKS ARE OFFSET DRILLED TO SIT SQUARELY ON THE POST FLANGE. BLOCKS ARE ATTACHED WITH 16 mm CARRIAGE BOLTS.
2. THE RUBRAIL MAY BE SHOP BENT IN THE LAST 900 mm TO FACILITATE INSTALLATION.
3. POSTS 1,2,3,4 AND 6 REQUIRE AN ADDITIONAL HOLE TO ATTACH LOWER BLOCKS AND/OR LOWER BEAM.
4. AT POST 7, BACK-UP PLATE BOLTED TO BLOCK ONLY.

**BOTTOM BEAM WOOD BLOCKS  
350 x 115**

POST #	THICKNESS
①	125 mm
②	100 mm
③	75 mm
④	50 mm



**DETAIL OF STEEL BEAM GUARD RAIL AT LARGE CULVERTS**  
(NOT TO SCALE)

VT ROUTE 207, SWANTON STA. 5+718.0, LT. & RT. (CONC. BOX CULVERT)

**NOTES:**

1. SEE VTrans STANDARDS G-1M & G-1dM FOR STEEL BEAM GUARD RAIL DETAILS
2. THIS WORK SHALL BE PAID UNDER ITEM 621.20, STEEL BEAM GUARD RAIL USING A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEET OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

**GUARD RAIL TERMINAL CONNECTOR & SPAN DETAIL**

PROJECT NAME: ST. ALBANS - HIGHGATE  
PROJECT NUMBER: STP 2114(I)S  
FILE NAME: /pave/98c110/pc110.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: D-H  
IPARM FILE NAME: pc110gr1.i

PLOT DATE: 16-SEP-2005 13:13  
DRAWN BY: D-H  
CHECKED BY:  
SHEET 9 OF 89

VEHICLE DETECTOR LOOPS												
LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE		RESISTANCE		LEAKAGE TO GROUND	LOCKING MEMORY
							CALC.	ACT.	CALC.	ACT.		
I	4	SOUTHBOUND RIGHT ONLY	7	1.8 X 9.0	QUAD - 2	PRESENCE	312		1.12			OFF
I	7	SOUTHBOUND LEFT ONLY	6	1.8 X 12.0	QUAD - 2	PRESENCE	375		1.03			OFF

NOTES:

FOR PLAN VIEW, SEE SHEET I6.

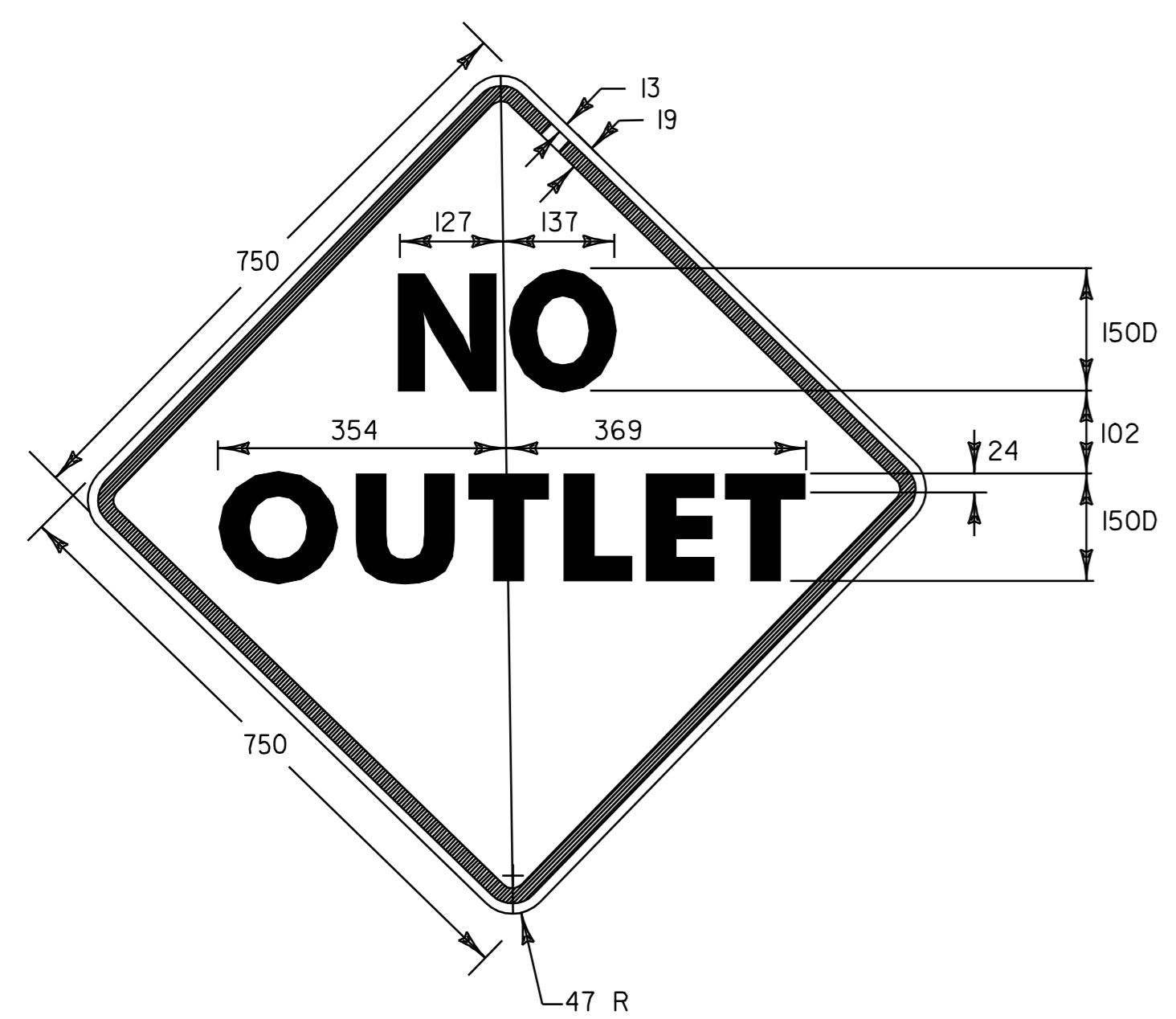
PRIOR TO COLD PLANING, ANY VEHICLE DETECTOR LOOPS SHALL BE DISCONNECTED IN THE CONTROLLER CABINET AND CUT AT THE CURB.

ONCE THE LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE PUT ON MAX RECALL OR THE SIGNAL PUT ON FLASH AND TRAFFIC CONTROLLED BY A UNIFORMED TRAFFIC OFFICER.

ALL BITUMINOUS AREAS TO RECEIVE NEW VEHICLE DETECTOR LOOPS SHALL BE LEVELED WITH TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO THE INSTALLATION OF THE NEW DETECTOR LOOPS.

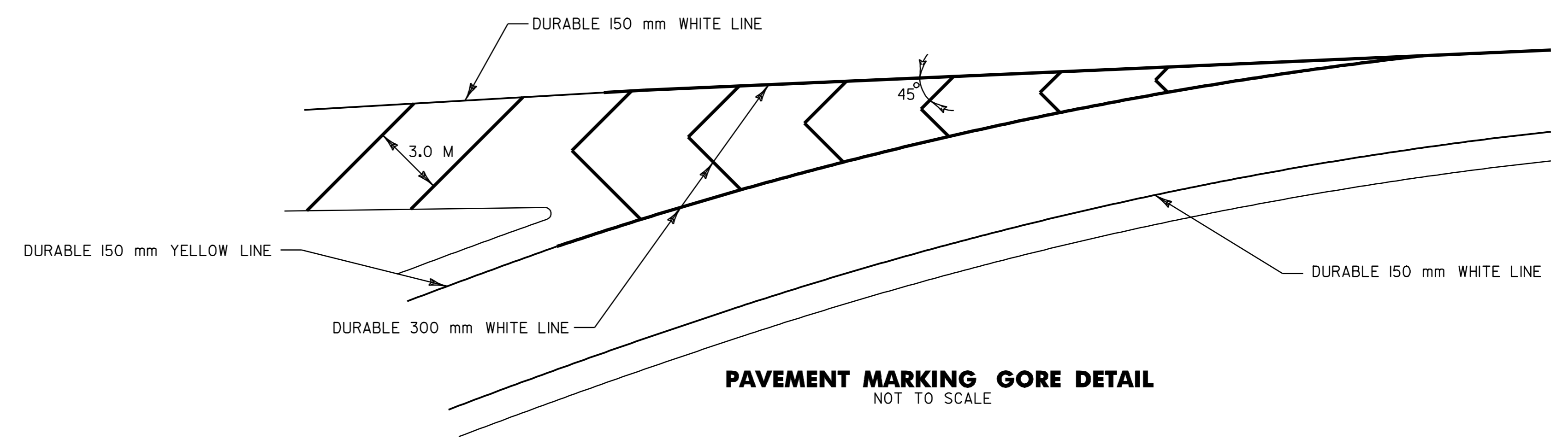
AFTER THE NEW LOOPS ARE INSTALLED, THE INDUCTANCE RESISTANCE AND LEAKAGE TO GROUND SHALL BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES AND RECORDED ON THE PLANS. ALL LOAD TESTING SHALL BE PERFORMED AS PER VTrans STANDARD E-172M.

AFTER ACCEPTANCE OF THE LOOP INSTALLATION BY THE RESIDENT ENGINEER, RETURN THE SIGNAL TO NORMAL OPERATION. ALL WORK REQUIRED SHALL BE SUBSIDIARY TO ITEM 678.22, VEHICLE DETECTOR LOOP.



BLACK BORDER & TEXT  
WITH REFLECTORIZED YELLOW BACKGROUND  
SEE VTrans STANDARD E-152M FOR MATERIALS

**VT ROUTE 207**  
SWANTON STA. 0+067.0, RT.



**PAVEMENT MARKING GORE DETAIL**  
NOT TO SCALE

NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
2) FOR VEHICLE DETECTOR LOOP DETAILS SEE VTrans STANDARD E-172M

<b>VEHICLE DETECTOR LOOPS PAVEMENT MARKINGS, AND TRAFFIC SIGN DETAIL SHEET</b>	PROJECT NAME: ST. ALBANS - HIGHGATE	PLOT DATE: 16-SEP-2005 13:13
	PROJECT NUMBER: STP 2114(I)S	DRAWN BY: D-H
	FILE NAME: /pave/98c110/pcl10.dgn PROJECT LEADER: JLL DESIGNED BY: D-H IPARM FILE NAME: pcl10d+1.l	CHECKED BY: SHEET 10 OF 89











# ITEM DETAIL SUMMARY SHEET



STATION		POS.	203.30	301.28	402.12	402.12	604.40	604.412	616.35	616.47	621.20	621.505	621.505	621.53	621.60	621.80	629.20	676.10	REMARKS		
BEGIN	END		EARTH BORROW m <sup>3</sup>	SUBBASE OF CR. GRAVEL T	AGGREGATE SHOULDERS T	AGGREGATE SHOULDERS (MOD.) T	CHAN ELEV EA	REHAB DI CLASS I EA	TREATED TIMBER CURB M	BIT. CONC GUTTERS & TR ISLANDS T	STEEL BEAM GUARD RAIL M	MAN. TERMINAL SECTION (TANGENT) EA	MAN. TERMINAL SECTION (FLARED) EA	TERMINAL CON. FOR STEEL B.G.R. EA	ANCHOR FOR STEEL BEAM RAIL EA	REMOVAL AND DISPOSAL OF G.R. M	ADJUST ELEVATION OF VALVE BOXES EA	DELINE. W/ STEEL POSTS			
<b>ST. ALBANS - HIGHGATE</b>																					
0+006.44	3+199.38	LT/RT	1	2237		1989	7	1		6							1			FOR STRUCTURE LOCATIONS, SEE SHEET 46. THE OTHER QUANTITIES LISTED ARE FOR USE AS DIRECTED BY THE RESIDENT ENGINEER.	
<b>ST. ALBANS</b>																					
0+272.5	0+314.3	LT	*		10					19.0		2				41.8	2			INSTALL MTS, FLARED AT STA. 0+272.5 AND 0+302.9, LT.	
0+408.7	0+477.1	RT	*		10					45.6		2				68.4	2			INSTALL MTS, FLARED AT STA. 0+408.7 AND 0+465.7, RT.	
0+425.5	0+486.3	LT	*		10					38.0		2				60.8	2			INSTALL MTS, FLARED AT STA. 0+425.5 AND 0+474.9, LT.	
<b>SWANTON</b>																					
5+700.9	5+735.1	RT	*		10					11.4		2					2			INSTALL MTS, FLARED AT STA. 5+700.9 AND 5+723.7, RT.	
5+700.9	5+735.1	LT	*		10					11.4		2					2			INSTALL MTS, FLARED AT STA. 5+700.9 AND 5+723.7, LT.	
6+100.0		RT																		AN ESTIMATED QUANTITY OF ITEM 608.25 HAS BEEN INCLUDED FOR THE EXCAVATION OF THE EXISTING BANK FOR SIGHT DISTANCE IMPROVEMENTS AS DIRECTED BY THE RESIDENT ENGINEER.	
<b>HIGHGATE</b>																					
0+770.2	0+815.8	RT	*		10					22.8		2				42.9	2			INSTALL MTS, FLARED AT STA. 0+770.2 AND 0+804.4, RT.	
0+772.1	0+813.9	LT	*		10					19.0		2				41.1	2			INSTALL MTS, FLARED AT STA. 0+772.1 AND 0+802.5, LT.	
2+513.1	2+536.1	RT								1.6										CONSTRUCT BITUMINOUS CONCRETE GUTTER, FOR DETAILS SEE SHEET 8.	
2+529.1	2+563.5	LT								2.4										CONSTRUCT BITUMINOUS CONCRETE GUTTER, FOR DETAILS SEE SHEET 8.	
2+574.5	2+679.6	LT	*			71			96.0	98.8		1	1		58.9		2			INSTALL RADIUS & ANCHOR AS DETAILED ON STD. G-1dM AT STA. 2+574.5, LT.; INSTALL TERMINAL CONNECTOR AT STA. 2+673.3, LT. FOR DETAILS, SEE SHEET 9; INSTALL TREATED TIMBER CURB FROM STA. 2+583.6 TO 2+679.6, LT.	
2+582.5	2+679.6	RT	*			5				98.8		1	1		96.5		2			INSTALL RADIUS AND ANCHOR AS DETAILED ON STANDARD G-1dM AT STA. 2+582.5, RT. INSTALL TERMINAL CONNECTOR AT STA. 2+673.3, RT.. FOR DETAILS, SEE SHEET 9.	
2+775.4	2+799.9	RT	*			18			19.1	34.2		1	1		23.9		2			INSTALL TERMINAL CONNECTOR AT STA. 2+775.4, RT.; INSTALL RADIUS AND ANCHOR AS DETAILED ON STANDARD G-1dM AT STA. 2+799.9, RT.; INSTALL TREATED TIMBER CURB AT STA. 2+776.0 TO 2+795.1, RT.	
2+775.4	2+802.9	LT	*			5				34.2		1	1		35.6		2			INSTALL TERMINAL CONNECTOR AT STA. 2+775.4, LT.; INSTALL RADIUS AND ANCHOR AS DETAILED ON STANDARD G-1dM AT STA. 2+802.9, LT. (ON TH-40)	
			* THERE IS EXCESS MATERIAL AVAILABLE FROM DITCHING WHICH CAN BE USED TO BUILD THE GUARD RAIL FLARE BULB-OUTS.																		
SHEET SUBTOTALS			1	2237		2158	7	1	115.1	10	433.2	14	4	4	469.9	1	22				
ROUNDING			-	63		52	-	-	4.9	-	16.8	-	-	-	10.1	-	-				
TOTALS			1	2300		2210	7	1	120	10	450	14	4	4	480	1	22				
																		PROJECT NAME : <b>ST. ALBANS - HIGHGATE</b>		PROJECT NO. : <b>STP 2114(I)S</b>	
																		DESIGN FILE NAME: /pave/98cl10/pcl10.dgn		PLOT DATE: 16-SEP-2005 13	
																		IPARM FILE NAME: pcl10idl		SURVEY DATE: N/A	
																		SURVEYED BY: D-H		DRAWN BY: D-H	
																		DESIGNED BY: D-H		SHEET: 15 OF 89	

TEMPORARY AND DURABLE 150 mm WHITE LINE  
 STA. 0+006.44 TO 0+120.0, SOLID LT. & RT.  
 (AROUND TRIANGLE INCLUDING APPROACH  
 RAMP EDGELINES)

TEMPORARY AND DURABLE 150 mm YELLOW LINE  
 STA. 0+006.44 TO 0+120.0, SOLID LT. & RT.  
 (INCLUDING RAMP EDGELINES)

TEMPORARY AND DURABLE 600 mm STOP BAR  
 STA. 0+010.6, LT.  
 STA. 0+022.7, LT.

DURABLE LETTER OR SYMBOL  
 STA. 0+013.2, LT. -   
 STA. 0+025.3, LT. - \*ONLY\*   
 STA. 0+025.6, LT. -   
 STA. 0+037.7, LT. - \*ONLY\*   
 STA. 0+064.2, LT. -   
 STA. 0+064.2, LT. -   
 STA. 0+076.3, LT. - (2) \*ONLY\*   
 STA. 0+114.9, LT. -   
 STA. 0+114.9, LT. -

TEMPORARY LETTER OR SYMBOL  
 STA. 0+013.2, LT. -   
 STA. 0+025.6, LT. -   
 STA. 0+067.4, LT. -   
 STA. 0+067.4, LT. -

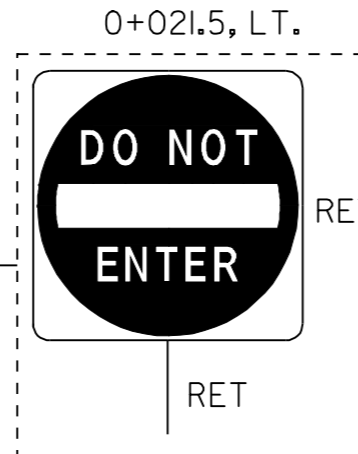
PAINTED CURB  
 STA. 0+008.0 TO 0+017.0, LT.  
 STA. 0+008.0 TO 0+120.0, RT.

REMOVING SIGNS  
 AS SHOWN - 2

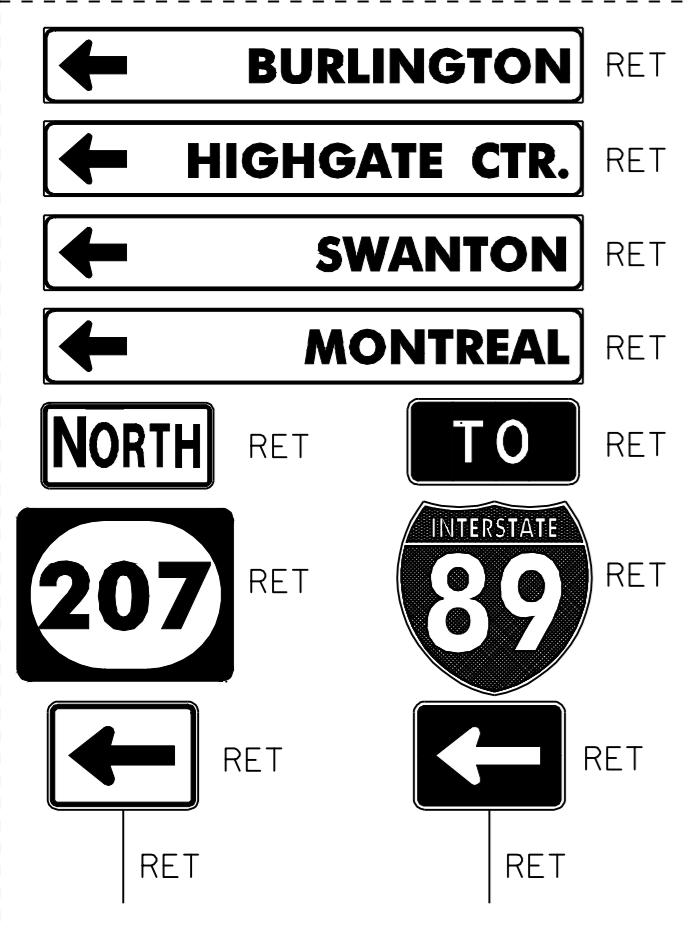
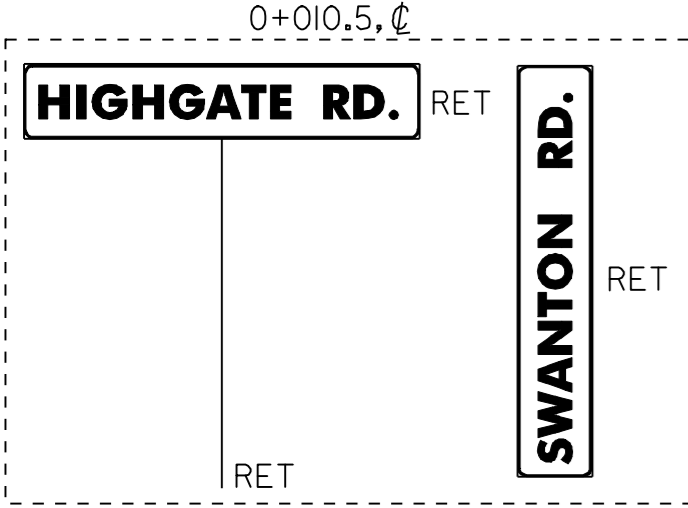
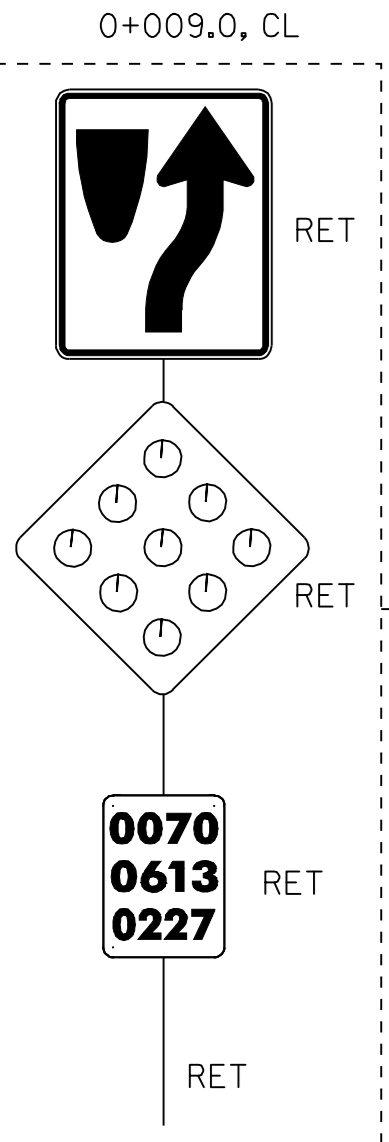


TEMPORARY AND DURABLE 300 mm WHITE LINE  
 STA. 0+006.44, SOLID LT. (DIAGONALS)  
 STA. 0+006.44 TO 0+120.0, SOLID RT.

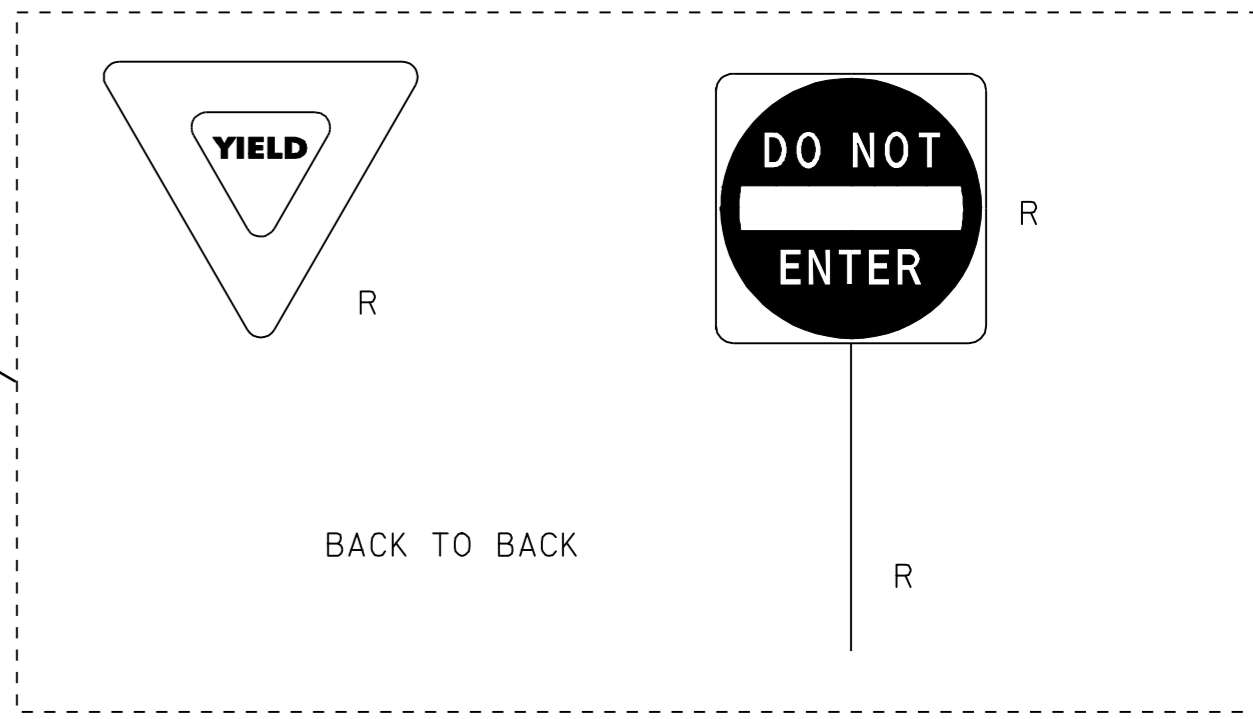
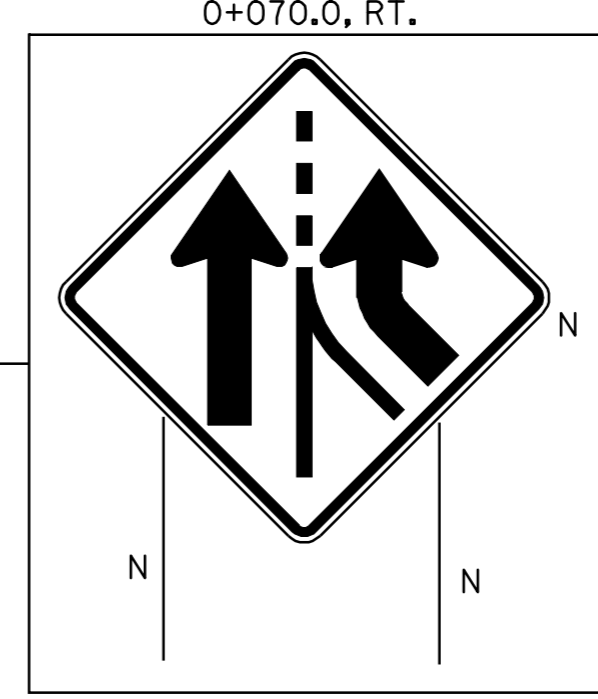
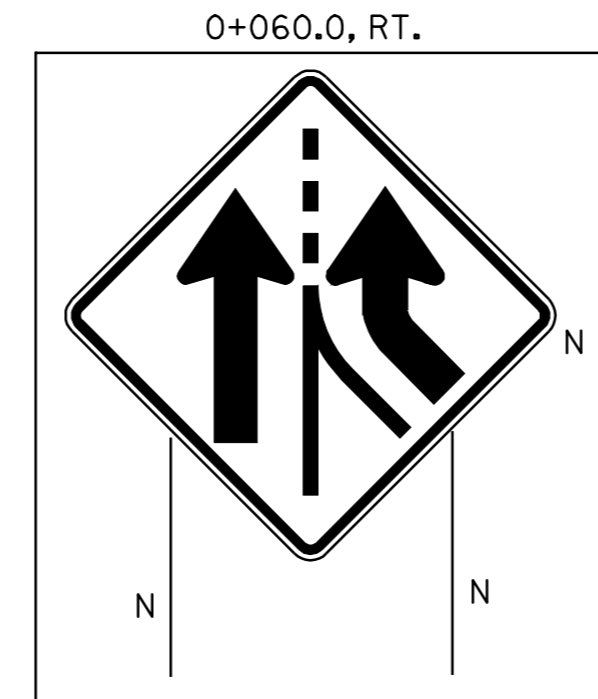
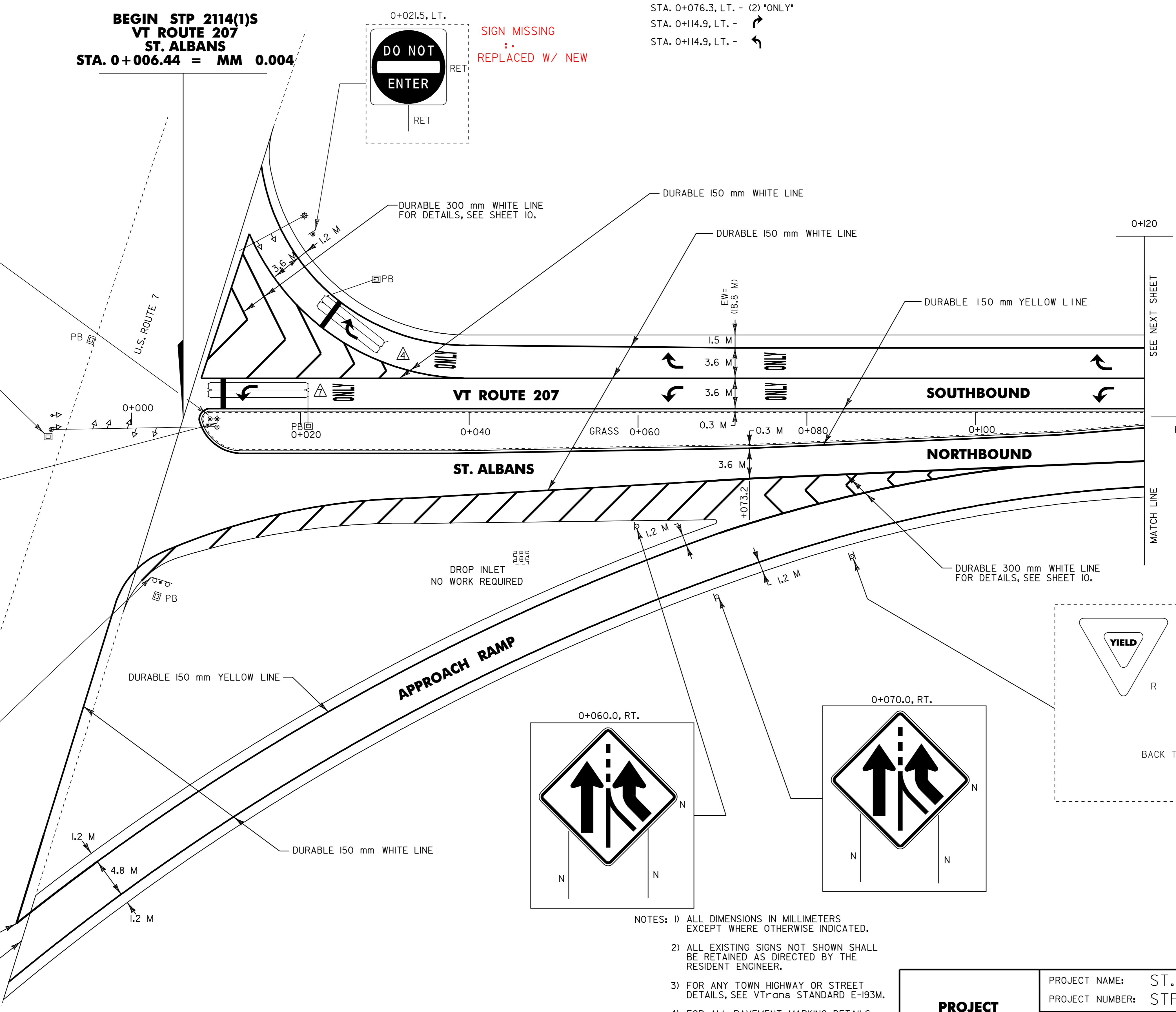
**BEGIN STP 2114(1)S  
 VT ROUTE 207  
 ST. ALBANS  
 STA. 0+006.44 = MM 0.004**



SIGN MISSING  
 REPLACED W/ NEW



DURABLE 300 mm WHITE LINE  
 LIMIT OF COLD PLANING  
 AND PAVING



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH  
 6) LOOP NO. - FOR DETAILS SEE SHEET 10

**PROJECT LAYOUT #1**

PROJECT NAME: ST. ALBANS-HIGHGATE  
 PROJECT NUMBER: STP 2114(1)S  
 FILE NAME: /pave/98c110/pcl10.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: pcl10p01.i  
 PLOT DATE: 16-SEP-2005 13:14  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 16 OF 89



TEMPORARY AND DURABLE 150 mm WHITE LINE  
 STA. 0+120.0 TO 0+260.0, SOLID LT. & RT.  
 STA. 0+120.0 TO 0+128.0, SOLID LT.  
 STA. 0+128.0 TO 0+260.0, DASHED LT. & RT.

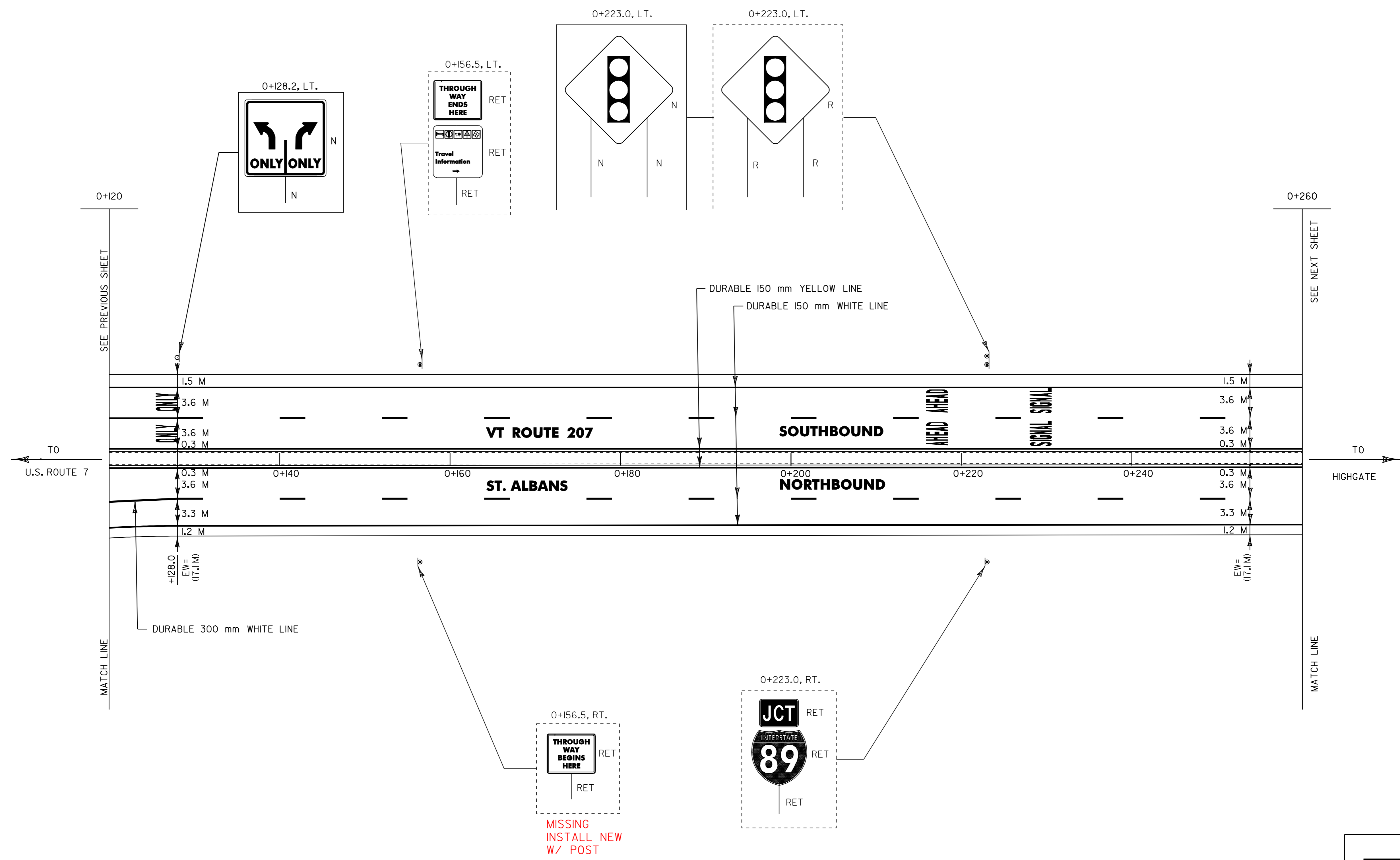
TEMPORARY AND DURABLE 150 mm YELLOW LINE  
 STA. 0+120.0 TO 0+260.0, SOLID LT. & RT.

DURABLE LETTER OR SYMBOL  
 STA. 0+127.0, LT. - (2) \*ONLY\*  
 STA. 0+217.0, LT. - (2) \*AHEAD\*  
 STA. 0+229.0, LT. - (2) \*SIGNAL\*

TEMPORARY LETTER OR SYMBOL  
 STA. 0+123.4, LT. - (2) \*ONLY\*  
 STA. 0+217.0, LT. - (2) \*AHEAD\*  
 STA. 0+229.0, LT. - (2) \*SIGNAL\*

TEMPORARY AND DURABLE 300 mm WHITE LINE  
 STA. 0+120.0 TO 0+128.0, SOLID RT.

REMOVING SIGNS  
 AS SHOWN - I



MISSING  
 INSTALL NEW  
 W/ POST

- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #2</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:4
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98cll0/pcll0.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 17 OF 89
	IPARM FILE NAME: pcll0p02.i	



TEMPORARY AND DURABLE 150 mm WHITE LINE  
 STA. 0+260.0 TO 0+420.0, SOLID LT. & RT.  
 (WITH EDGE LINE BREAKS FOR RAMP A & C)  
 STA. 0+260.0 TO 0+420.0, DASHED LT. & RT.  
 STA. 0+346.5, SOLID RT. (RAMP C)  
 STA. 0+346.5, SOLID LT. (RAMP A)

TEMPORARY AND DURABLE 150 mm YELLOW LINE  
 STA. 0+260.0 TO 0+420.0, SOLID LT. & RT.  
 STA. 0+346.5, SOLID RT. (RAMP C)  
 STA. 0+346.5, SOLID LT. (RAMP A)  
 0+315.5, LT.

TEMPORARY AND DURABLE LETTER OR SYMBOL  
 STA. 0+353.2, LT. - \*STOP\*

TEMPORARY AND DURABLE 600 mm STOP BAR  
 STA. 0+353.2, LT.

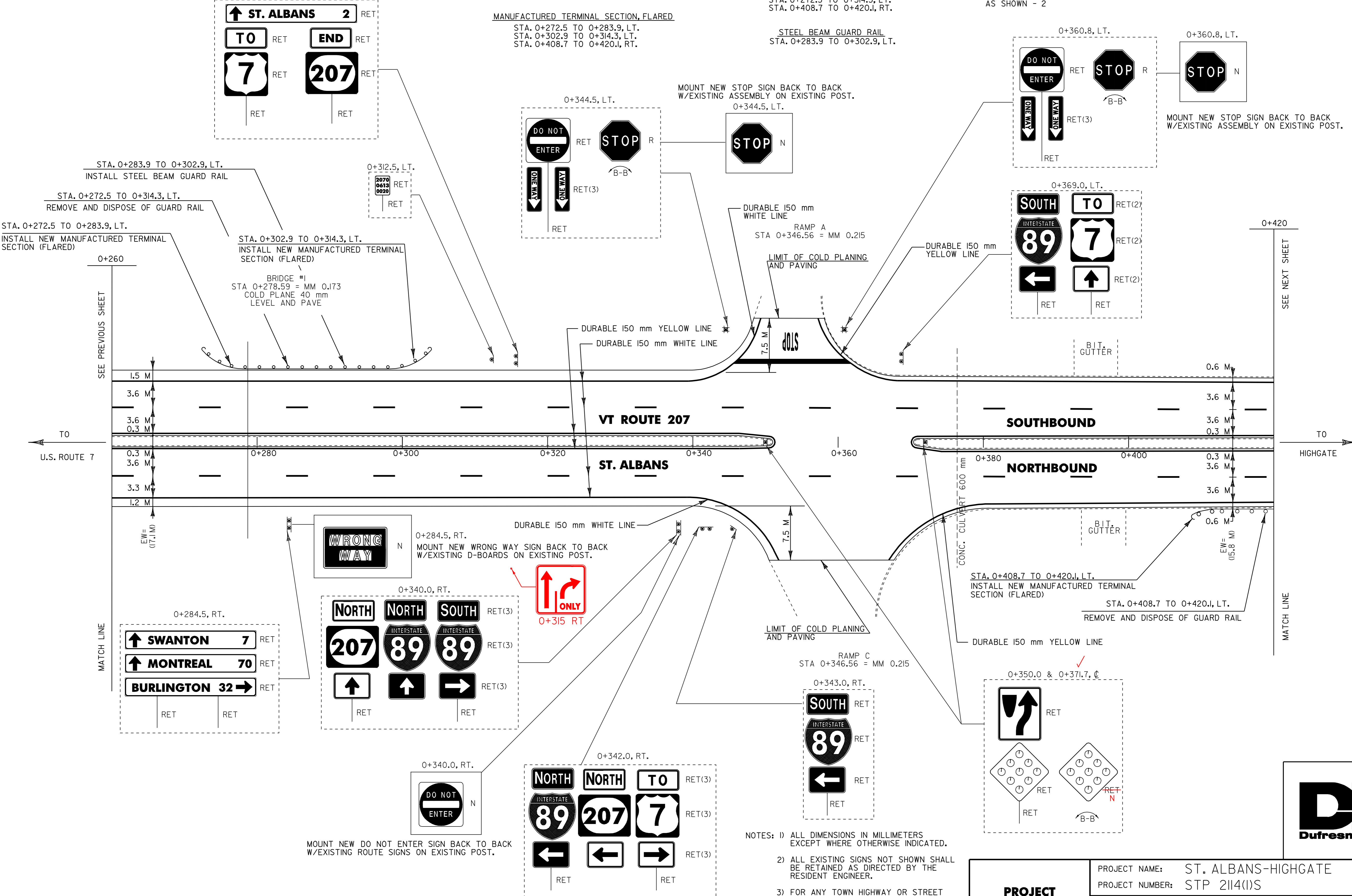
PAINTED CURB  
 STA. 0+342.0 TO 0+351.0, LT. & RT.  
 STA. 0+370.0 TO 0+379.0, LT. & RT.

REMOVAL AND DISPOSAL OF GUARD RAIL  
 STA. 0+272.5 TO 0+314.3, LT.  
 STA. 0+408.7 TO 0+420.1, RT.

REMOVING SIGNS  
 AS SHOWN - 2

MANUFACTURED TERMINAL SECTION, FLARED  
 STA. 0+272.5 TO 0+283.9, LT.  
 STA. 0+302.9 TO 0+314.3, LT.  
 STA. 0+408.7 TO 0+420.1, RT.

STEEL BEAM GUARD RAIL  
 STA. 0+283.9 TO 0+302.9, LT.



STA. 0+283.9 TO 0+302.9, LT.  
 INSTALL STEEL BEAM GUARD RAIL

STA. 0+272.5 TO 0+314.3, LT.  
 REMOVE AND DISPOSE OF GUARD RAIL

STA. 0+272.5 TO 0+283.9, LT.  
 INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED)

STA. 0+302.9 TO 0+314.3, LT.  
 INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED)

BRIDGE #1  
 STA 0+278.59 = MM 0.173  
 COLD PLANE 40 mm  
 LEVEL AND PAVE

MOUNT NEW STOP SIGN BACK TO BACK  
 W/EXISTING ASSEMBLY ON EXISTING POST.  
 0+344.5, LT.

MOUNT NEW STOP SIGN BACK TO BACK  
 W/EXISTING ASSEMBLY ON EXISTING POST.  
 0+360.8, LT.

STA. 0+408.7 TO 0+420.1, LT.  
 INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED)

STA. 0+408.7 TO 0+420.1, LT.  
 REMOVE AND DISPOSE OF GUARD RAIL

MOUNT NEW DO NOT ENTER SIGN BACK TO BACK  
 W/EXISTING ROUTE SIGNS ON EXISTING POST.  
 0+340.0, RT.

NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE Vtrans STANDARD E-193M.

4) FOR ALL PAVEMENT MARKING DETAILS, SEE Vtrans STANDARDS E-191M & E-192M

5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #3**

PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:44
PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
FILE NAME: /pave/98cll0/pcll0.dgn	CHECKED BY: D-H
PROJECT LEADER: JLL	SHEET 18 OF 89
DESIGNED BY: D-H	
IPARM FILE NAME: pcll0p03.1	



TEMPORARY AND DURABLE 150 mm WHITE LINE  
 STA. 0+420.0 TO 0+560.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS FOR RAMP B & "D")  
 STA. 0+420.0 TO 0+480.0, DASHED LT.  
 STA. 0+420.0 TO 0+560.0, DASHED RT.  
 STA. 0+503.5, SOLID RT. (RAMP D)  
 STA. 0+503.5, SOLID LT. (RAMP B)

TEMPORARY AND DURABLE 150 mm YELLOW LINE  
 STA. 0+420.0 TO 0+560.0, SOLID LT. & RT.  
 STA. 0+503.5, SOLID RT. (RAMP D)  
 STA. 0+503.5, SOLID LT. (RAMP B)

TEMPORARY AND DURABLE LETTER OR SYMBOL  
 STA. 0+503.5, RT. - "STOP"

TEMPORARY AND DURABLE 600 mm STOP BAR  
 STA. 0+503.5, RT.

PAINTED CURB  
 STA. 0+479.0 TO 0+488.0, LT. & RT.  
 STA. 0+506.0 TO 0+539.0, LT.  
 STA. 0+506.0 TO 0+515.0, RT.

REMOVING SIGNS  
 AS SHOWN - 2



MANUFACTURED TERMINAL SECTION, FLARED

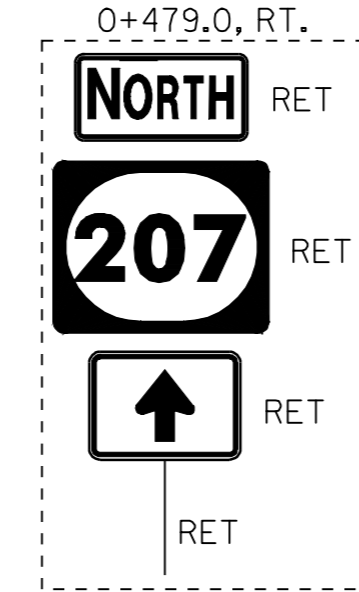
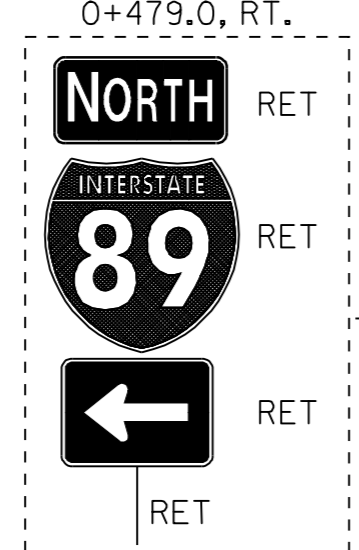
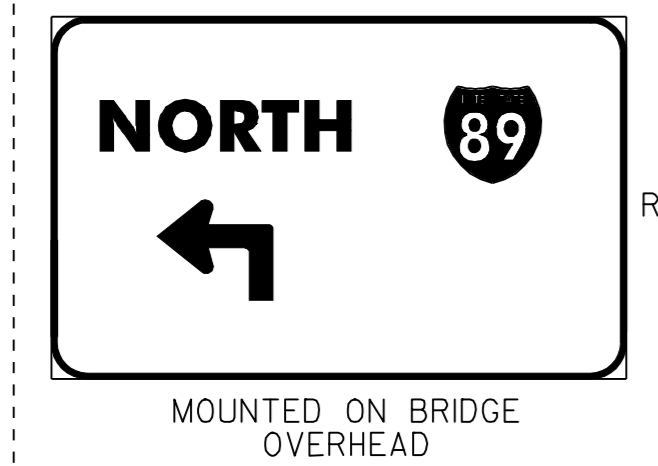
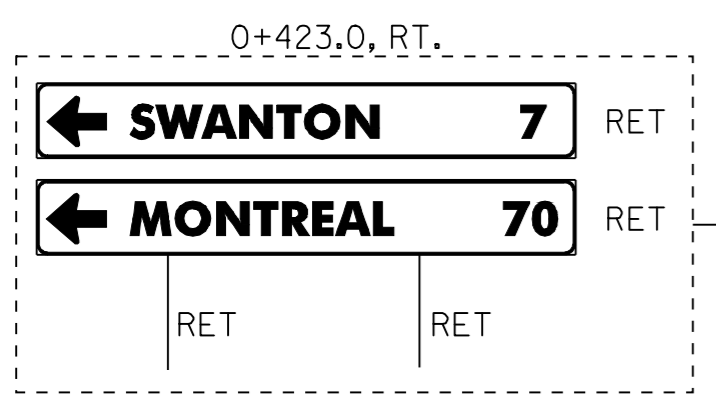
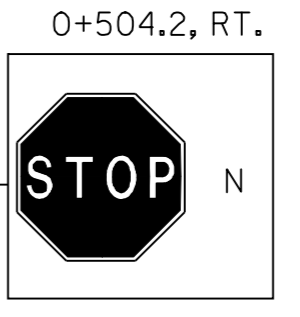
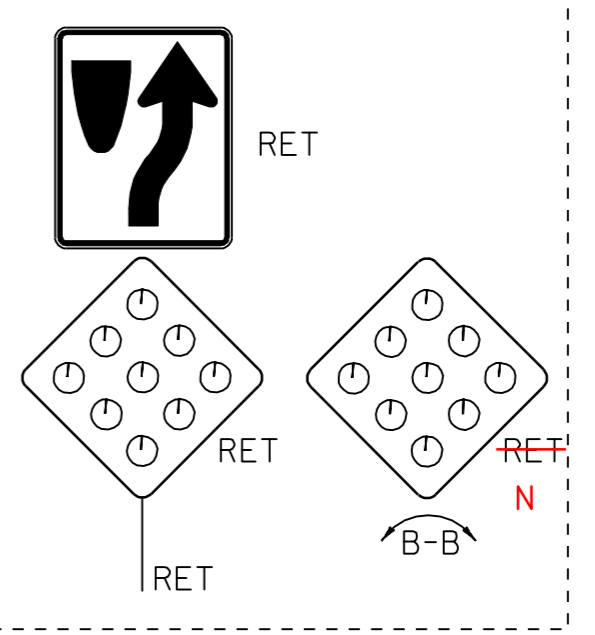
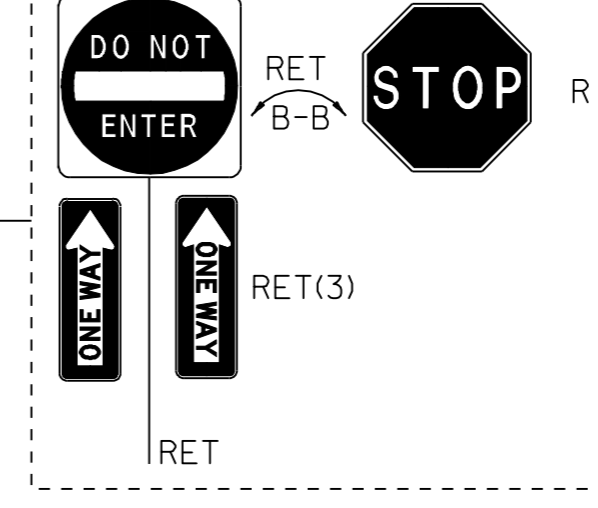
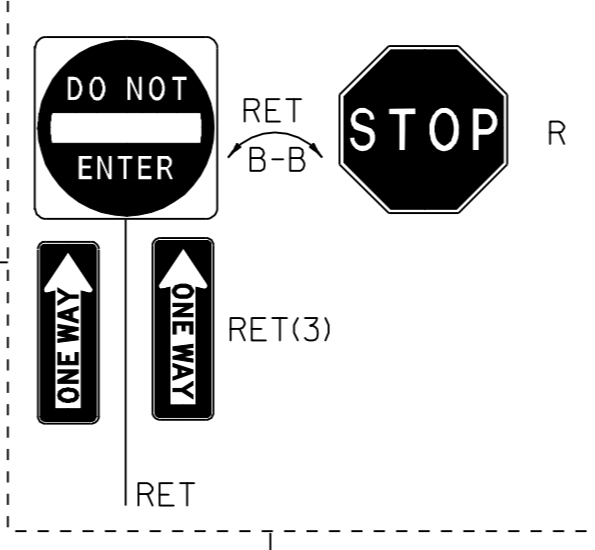
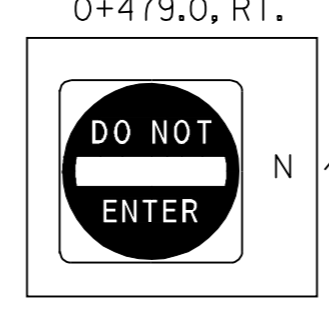
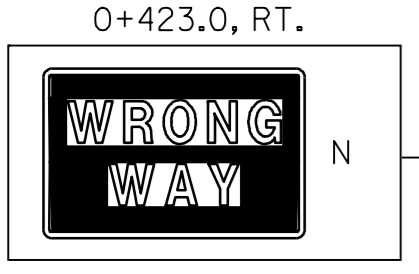
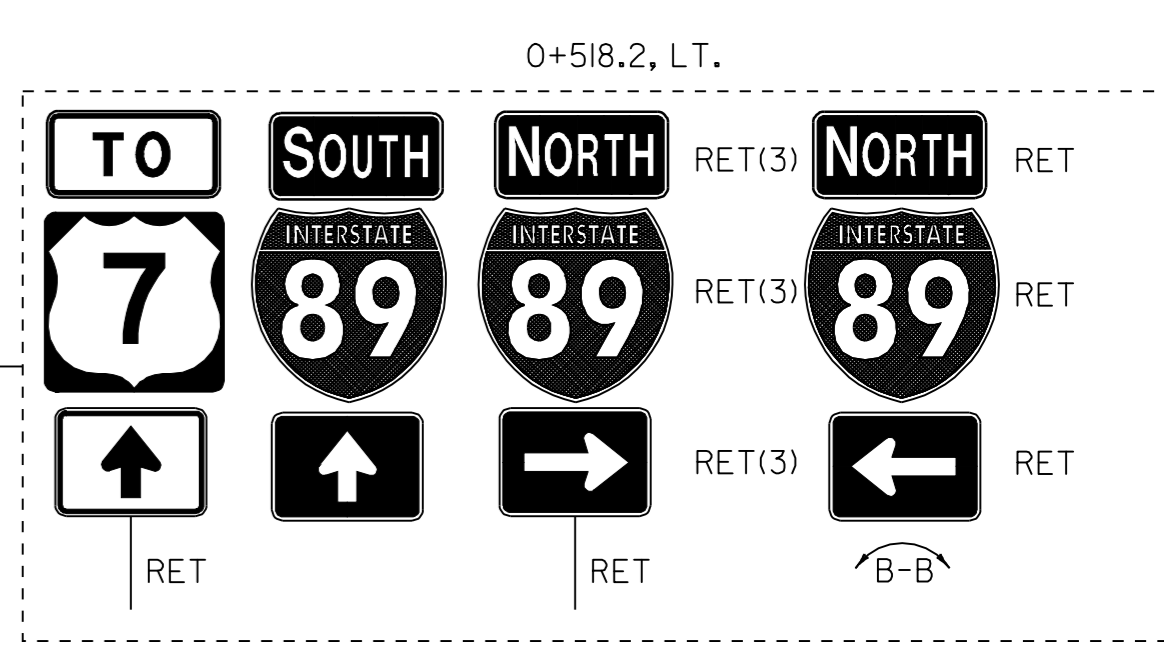
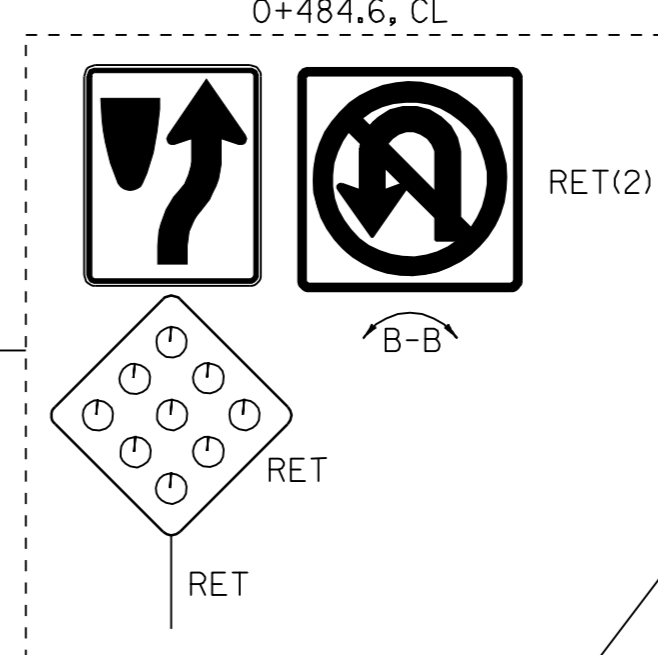
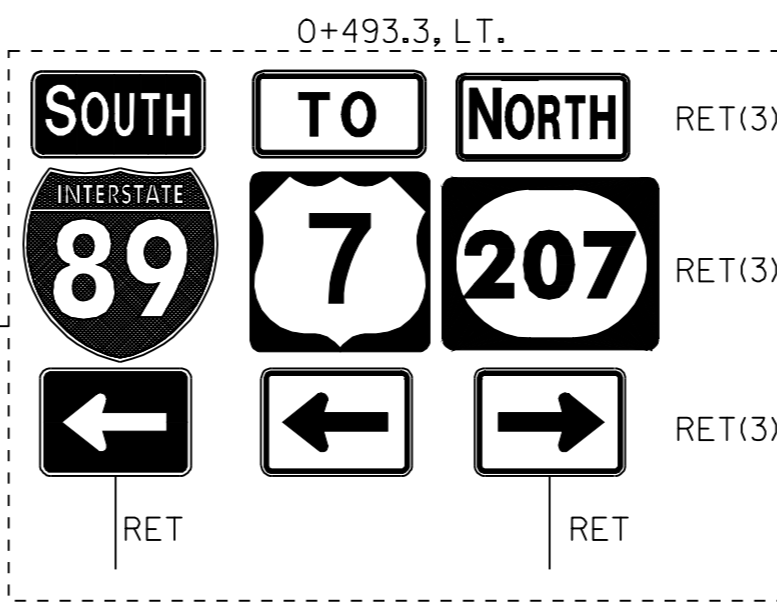
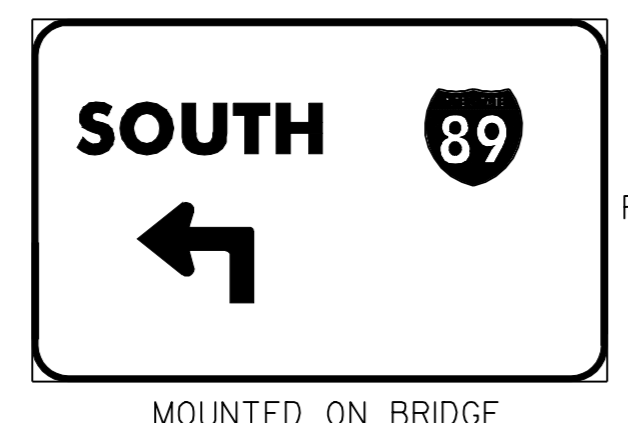
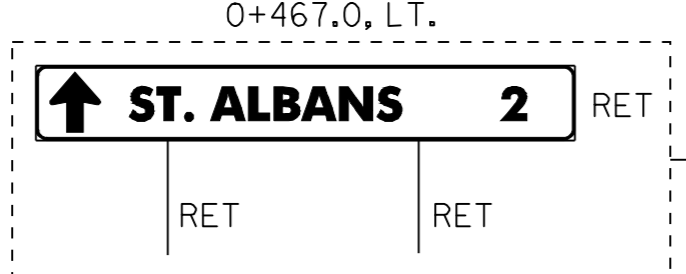
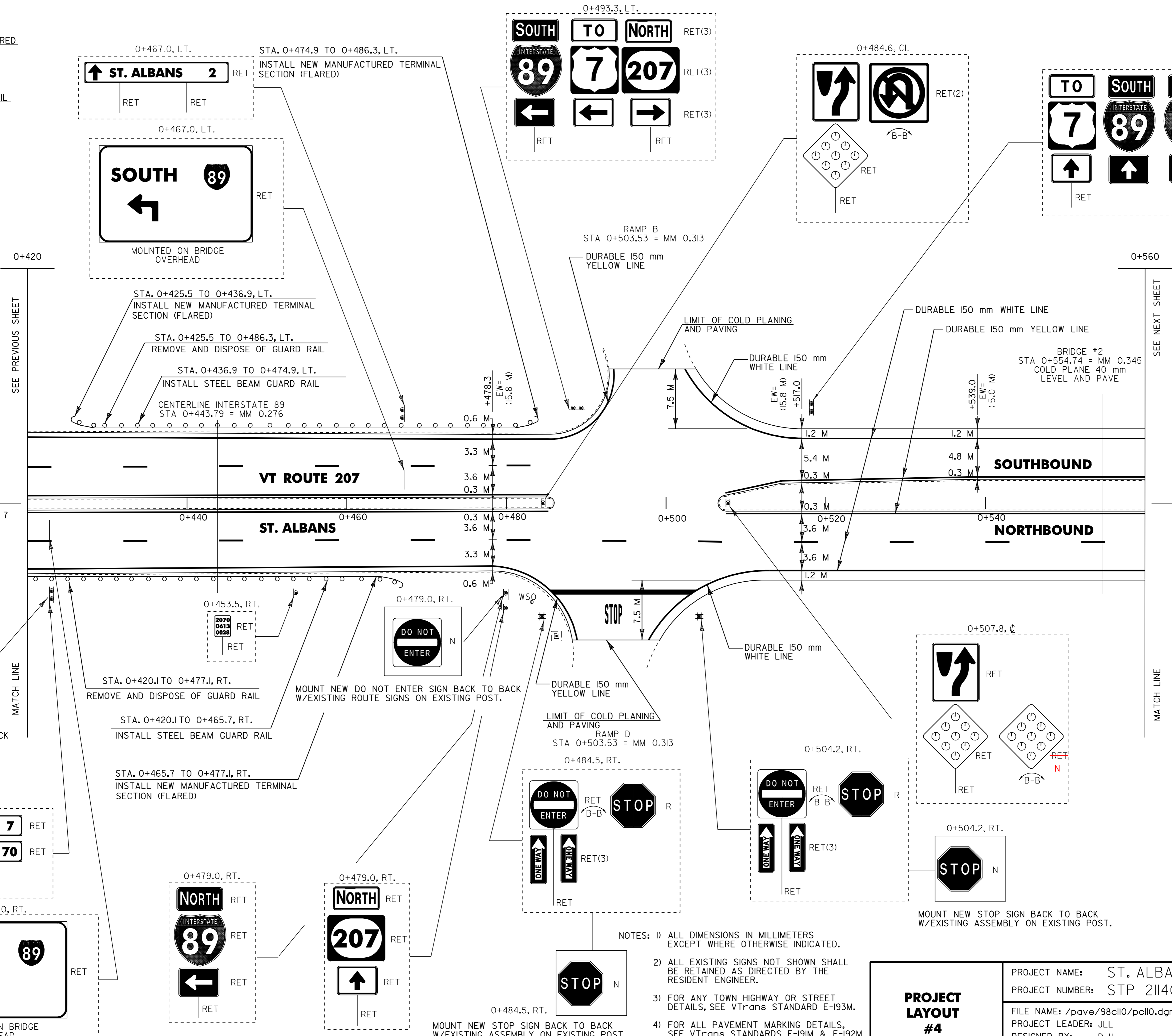
STA. 0+425.5 TO 0+436.9, LT.  
 STA. 0+465.7 TO 0+477.1, RT.  
 STA. 0+474.4 TO 0+486.3, LT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 0+420.1 TO 0+477.1, RT.  
 STA. 0+425.5 TO 0+486.3, LT.

STEEL BEAM GUARD RAIL

STA. 0+420.1 TO 0+465.7, RT.  
 STA. 0+436.9 TO 0+474.9, LT.



NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.

4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M

5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #4**

PROJECT NAME:	ST. ALBANS-HIGHGATE
PROJECT NUMBER:	STP 2114(1)S
FILE NAME:	/pave/98cll0/pcll0.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	D-H
IPARM FILE NAME:	pcll0p04.1
PLOT DATE:	16-SEP-2005 13:44
DRAWN BY:	D-H
CHECKED BY:	D-H
SHEET	19 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE  
 ST. ALBANS STA. 0+561.0 TO SWANTON STA. 0+020.0, SOLID LT.  
 ST. ALBANS STA. 0+575.0 TO SWANTON STA. 0+020.0, SOLID RT.  
 ST. ALBANS STA. 0+575.0 TO 0+645.0, DASHED RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
 ST. ALBANS STA. 0+561.0 TO SWANTON STA. 0+020.0, DOUBLE SOLID LT.  
 ST. ALBANS STA. 0+575.0 TO SWANTON STA. 0+020.0, DOUBLE SOLID RT.

TEMPORARY AND DURABLE 200 mm YELLOW LINE  
 ST. ALBANS STA. 0+570.0 TO SWANTON STA. 0+020.0, (DIAGONALS)

REMOVING SIGNS  
 AS SHOWN - 4

ERECTING SALVAGED SIGNS  
 AS SHOWN - 2

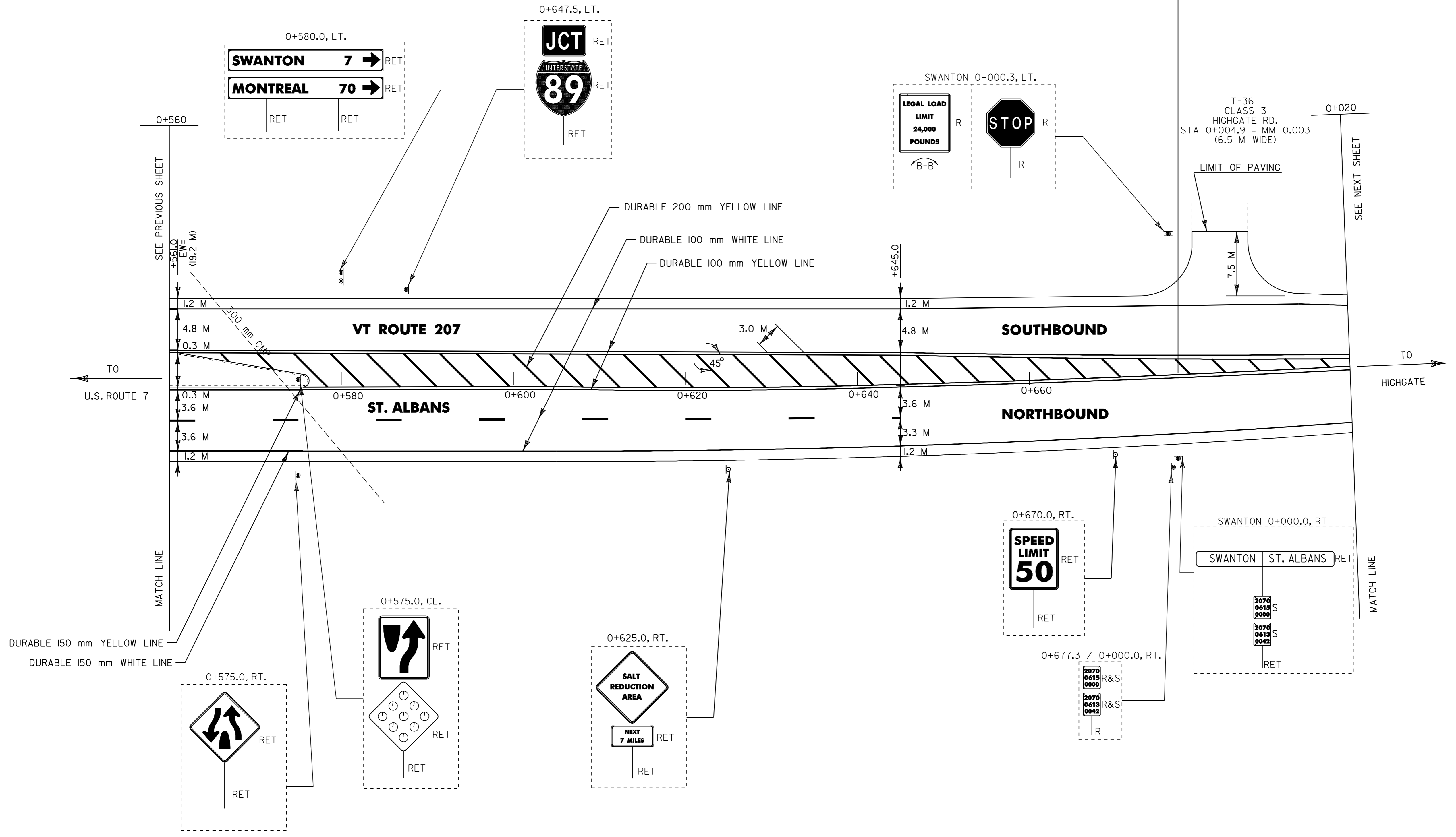
PAINTED CURB  
 STA. 0+560.0 TO 0+576.0, LT.  
 STA. 0+567.0 TO 0+576.0, RT.

TEMPORARY AND DURABLE 150 mm WHITE LINE  
 ST. ALBANS STA. 0+560.0 TO 0+561.0, SOLID LT.  
 ST. ALBANS STA. 0+560.0 TO 0+575.0, SOLID RT.  
 ST. ALBANS STA. 0+560.0 TO 0+575.0, DASHED RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE  
 ST. ALBANS STA. 0+560.0 TO 0+561.0, LT.  
 ST. ALBANS STA. 0+560.0 TO 0+575.0, RT.

**ST. ALBANS STA. 0+677.53 = MM 0.421**  
**SWANTON STA. 0+000.00 = MM 0.000**  
**ST. ALBANS - SWANTON TOWN LINE**

END COLD PLANING/LEVEL/OVERLAY      BEGIN LEVEL/OVERLAY



NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.

4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M

5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #5**

PROJECT NAME:	ST. ALBANS-HIGHGATE
PROJECT NUMBER:	STP 2114(1)S
FILE NAME:	/pave/98cll0/pcll0.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	D-H
IPARM FILE NAME:	pcll0p05.i
PLOT DATE:	16-SEP-2005 13:4
DRAWN BY:	D-H
CHECKED BY:	D-H
SHEET	20 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE  
 STA. 0+020.0 TO 0+160.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS FOR T-57 & TH-56)  
 STA. 0+068.0, SOLID LT. (TH-57 EDGELINES)  
 STA. 0+158.5, SOLID LT. (TH-56 EDGELINES)

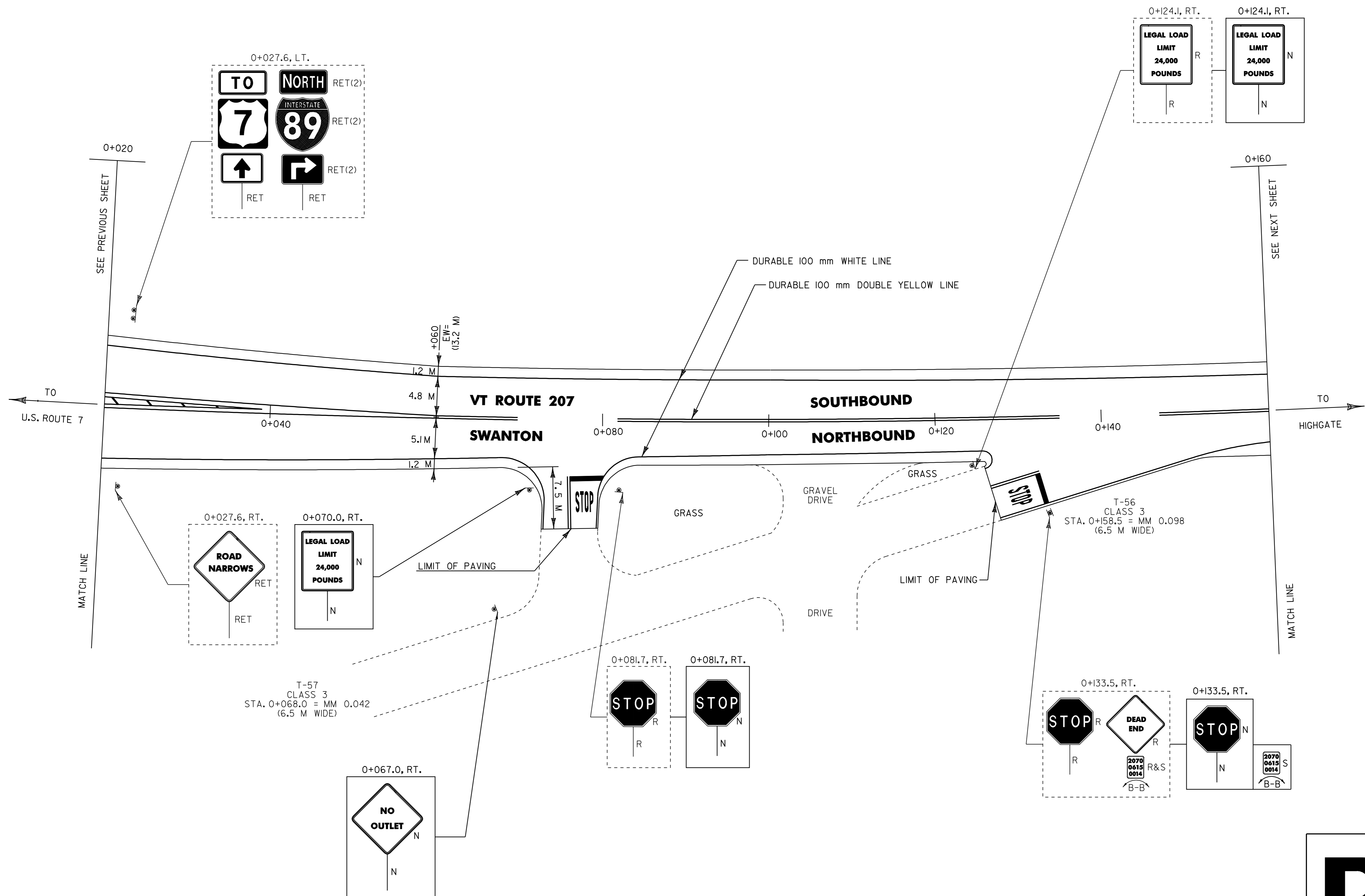
TEMPORARY AND DURABLE 100 mm YELLOW LINE  
 STA. 0+020.0 TO 0+052.0, DOUBLE SOLID LT. & RT.  
 STA. 0+052.0 TO 0+160.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAKS FOR TH-57 & TH-56)  
 STA. 0+075.0, DOUBLE SOLID RT. (TH-57 EDGELINES)  
 STA. 0+130.0, DOUBLE SOLID RT. (TH-56 EDGELINES)

TEMPORARY AND DURABLE 600 mm STOP BAR  
 STA. 0+078.0, RT.  
 STA. 0+130.8, RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL  
 STA. 0+078.0, RT. - "STOP"  
 STA. 0+130.8, RT. - "STOP"

REMOVING SIGNS  
 AS SHOWN - 5

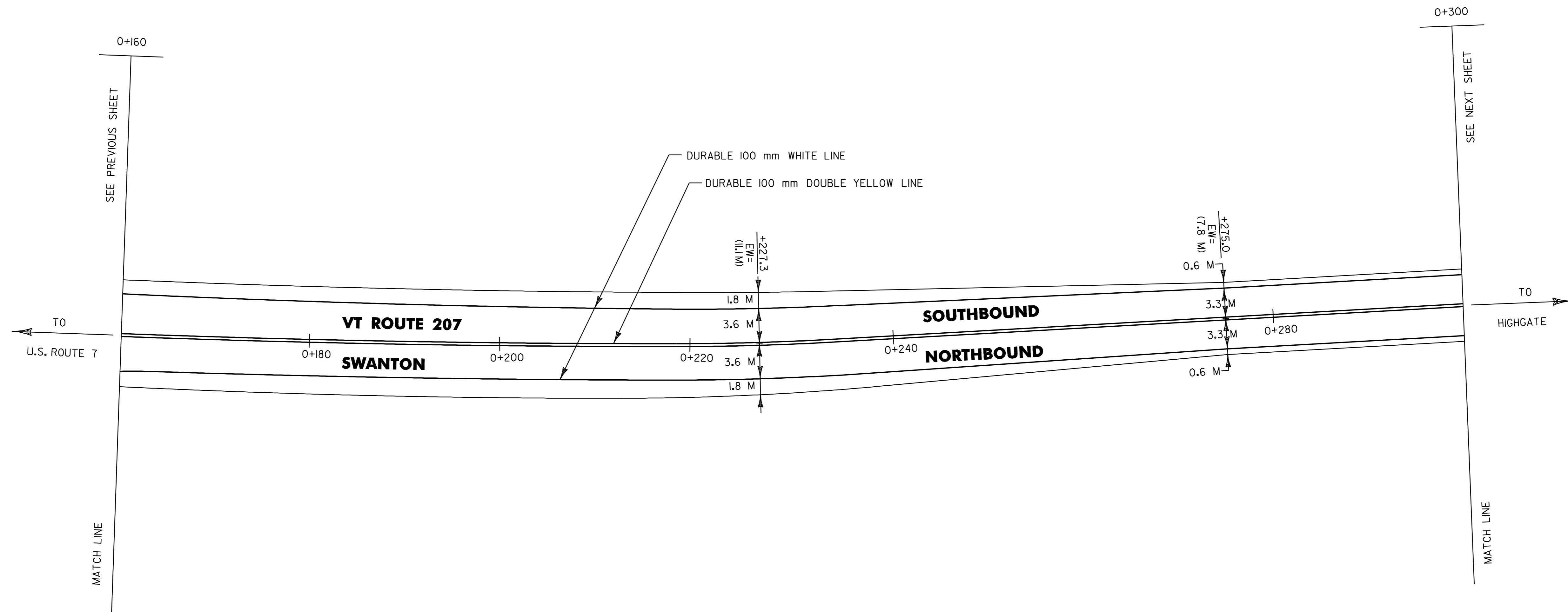
ERECTING SALVAGED SIGNS  
 AS SHOWN - 1



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #6</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:14
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98cl10/pcl10.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 21 OF 89
	IPARM FILE NAME: pcl10p06.1	





- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH



<b>PROJECT LAYOUT #7</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:55
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98c110/pcl10.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 22 OF 89
	IPARM FILE NAME: pcl10p07.i	

TEMPORARY AND DURABLE 100 mm WHITE LINE  
 STA. 0+300.0 TO 1+000.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAK FOR BUSHEY RD.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
 STA. 0+300.0 TO 0+579.4, SOLID LT. & RT.  
 (WITH CENTERLINE BREAK FOR BUSHEY RD.)  
 STA. 0+579.4 TO 0+724.2, SOLID LT. / DASHED RT.  
 STA. 0+724.2 TO 0+772.5, DASHED CL  
 STA. 0+772.5 TO 0+997.8, DASHED LT. / SOLID RT.  
 STA. 0+997.8 TO 1+000.0, SOLID LT. / DASHED RT.

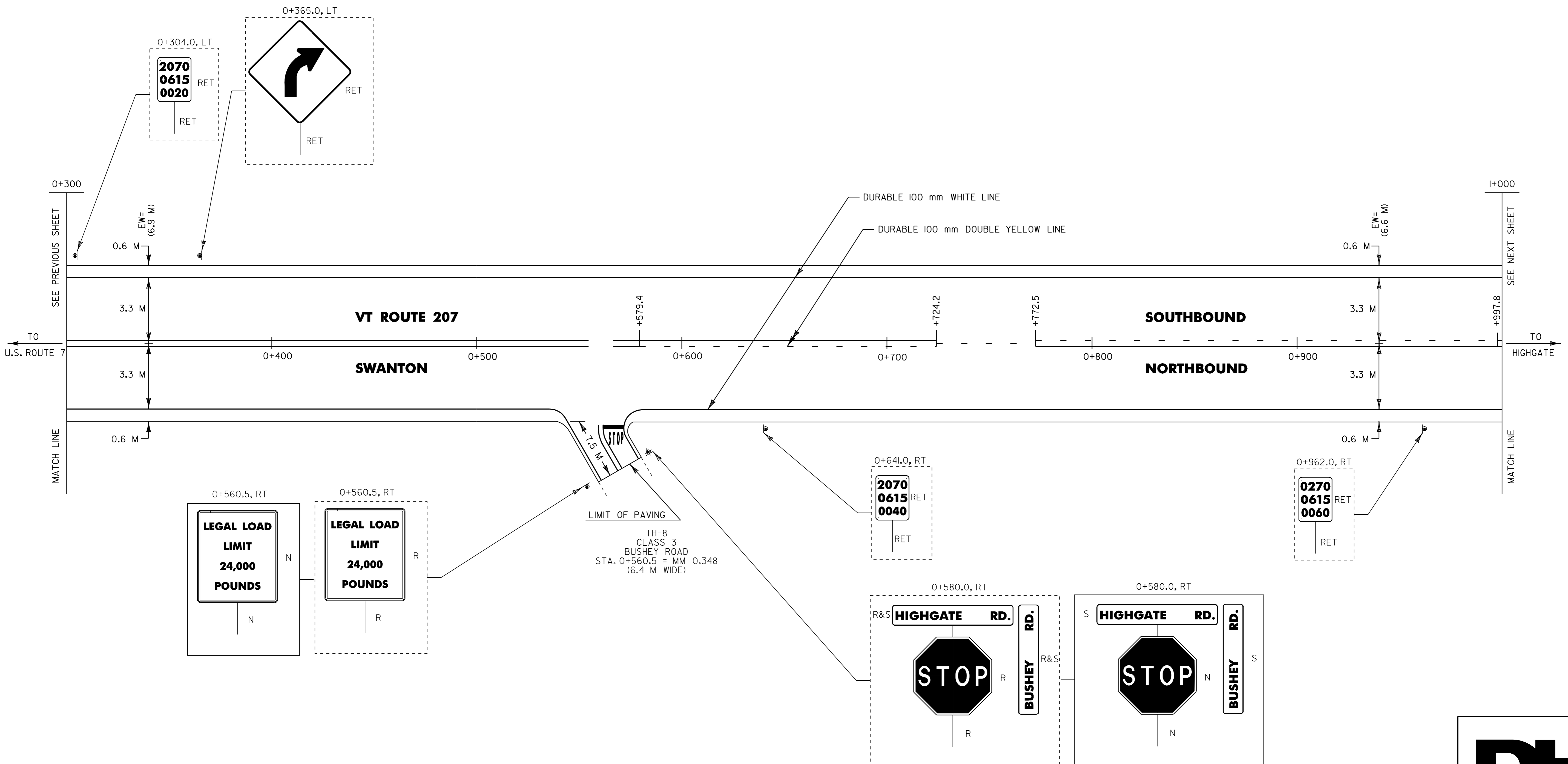
TEMPORARY AND DURABLE 600 mm STOP BAR  
 STA. 0+560.5, RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL  
 STA. 0+560.5, RT. - "STOP"

REMOVING SIGNS  
 AS SHOWN - 4

ERECTING SALVAGED SIGNS  
 AS SHOWN - 2

DITCH CLEANING  
 STA. 0+684.0 TO 1+000.0, RT.  
 (FOR DETAILS SEE SHEET 11)



TH-8  
 CLASS 3  
 BUSHEY ROAD  
 STA. 0+560.5 = MM 0,348  
 (6.4 M WIDE)

NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.

4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M

5) EW= EXISTING ROADWAY WIDTH

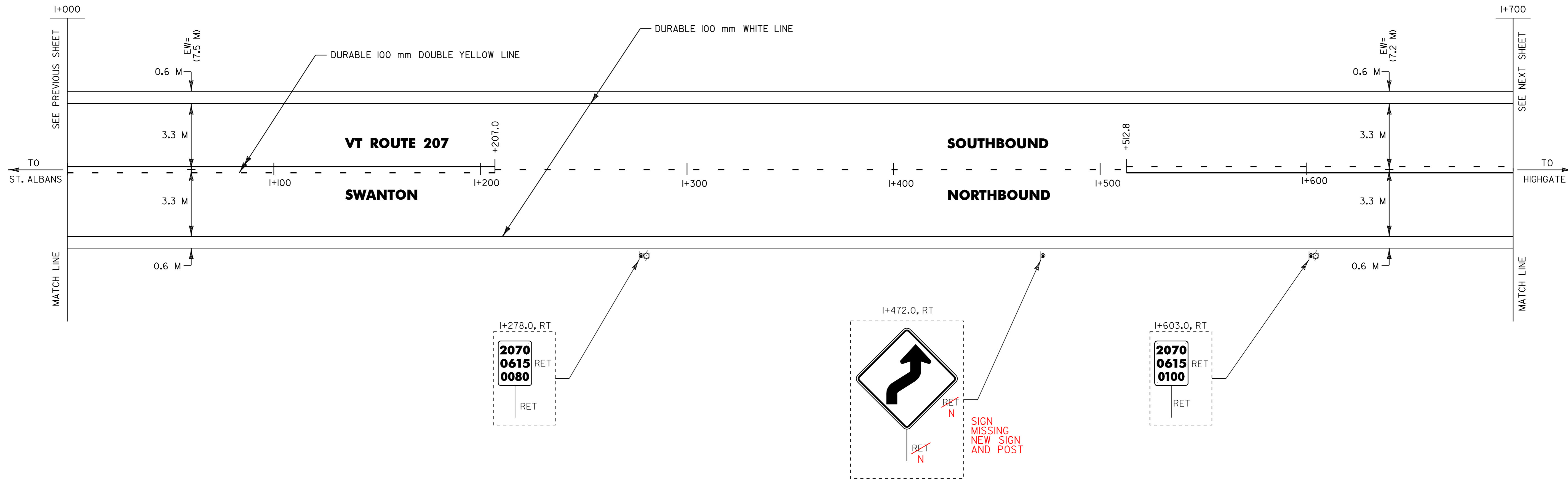
<b>PROJECT LAYOUT #8</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98cll0/pcll0.dgn	PLOT DATE: 16-SEP-2005 13:15
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: pcll0p08.1	SHEET 23 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE  
 STA. I+000.0 TO I+700.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
 STA. I+000.0 TO I+207.0, SOLID LT. / DASHED RT.  
 STA. I+207.0 TO I+512.8, DASHED CL  
 STA. I+512.8 TO I+700.0, DASHED LT. / SOLID RT.

DITCH CLEANING  
 STA. I+000.0 TO I+126.5, RT.  
 STA. I+448.4 TO I+700.0, LT.  
 (FOR DETAILS SEE SHEET 11)

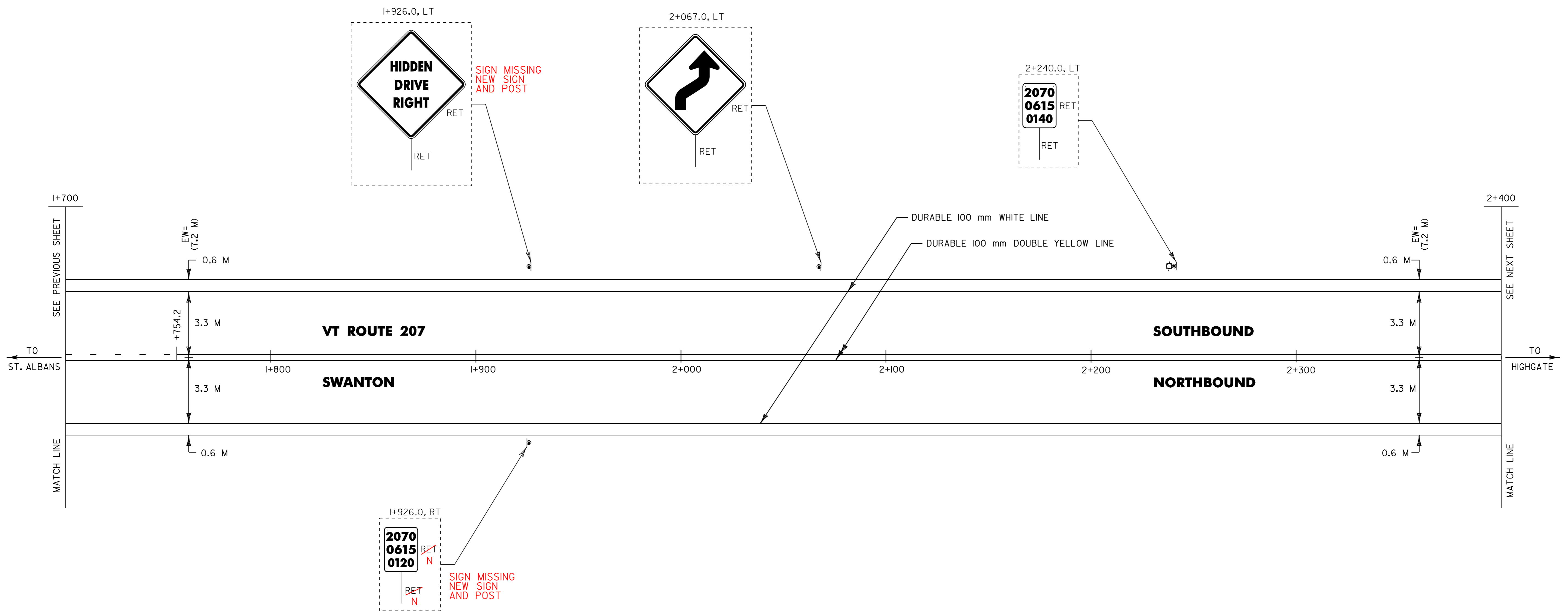


- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #9**

PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:51
PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
FILE NAME: /pave/98cll0/pcll0.dgn	CHECKED BY: D-H
PROJECT LEADER: JLL	SHEET 24 OF 89
DESIGNED BY: D-H	
IPARM FILE NAME: pcll0p09.i	





- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

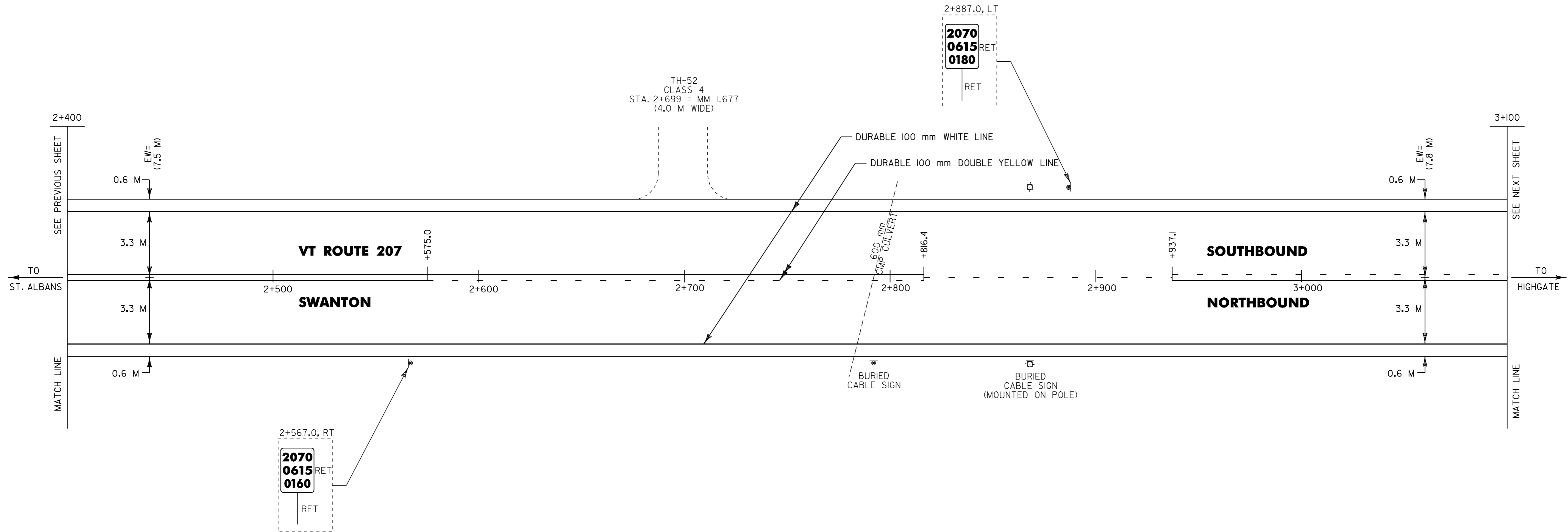


<b>PROJECT LAYOUT #10</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98c110/pcl10.dgn	PLOT DATE: 16-SEP-2005 13:51
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: pcl10pl0.i	SHEET 25 OF 89

TEMPORARY AND DURABLE 100 mm WHITE LINE  
 STA. 2+400.0 TO 3+100.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
 STA. 2+400.0 TO 2+575.0, SOLID LT. & RT.  
 STA. 2+575.0 TO 2+816.4, SOLID LT. / DASHED RT.  
 STA. 2+816.4 TO 2+937.1, DASHED CL  
 STA. 2+937.1 TO 3+100.0, DASHED LT. / SOLID RT.

DITCH CLEANING  
 STA. 2+400.0 TO 2+575.0, LT.  
 (FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #11</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	
	PROJECT NUMBER: STP 2114(1)S	
	FILE NAME: /pave/98cll0/pcll0.dgn	PLOT DATE: 16-SEP-2005 13:51
	PROJECT LEADER: JLL DESIGNED BY: D-H IPARM FILE NAME: pcll0pl1.t	DRAWN BY: D-H CHECKED BY: D-H SHEET 26 OF 89

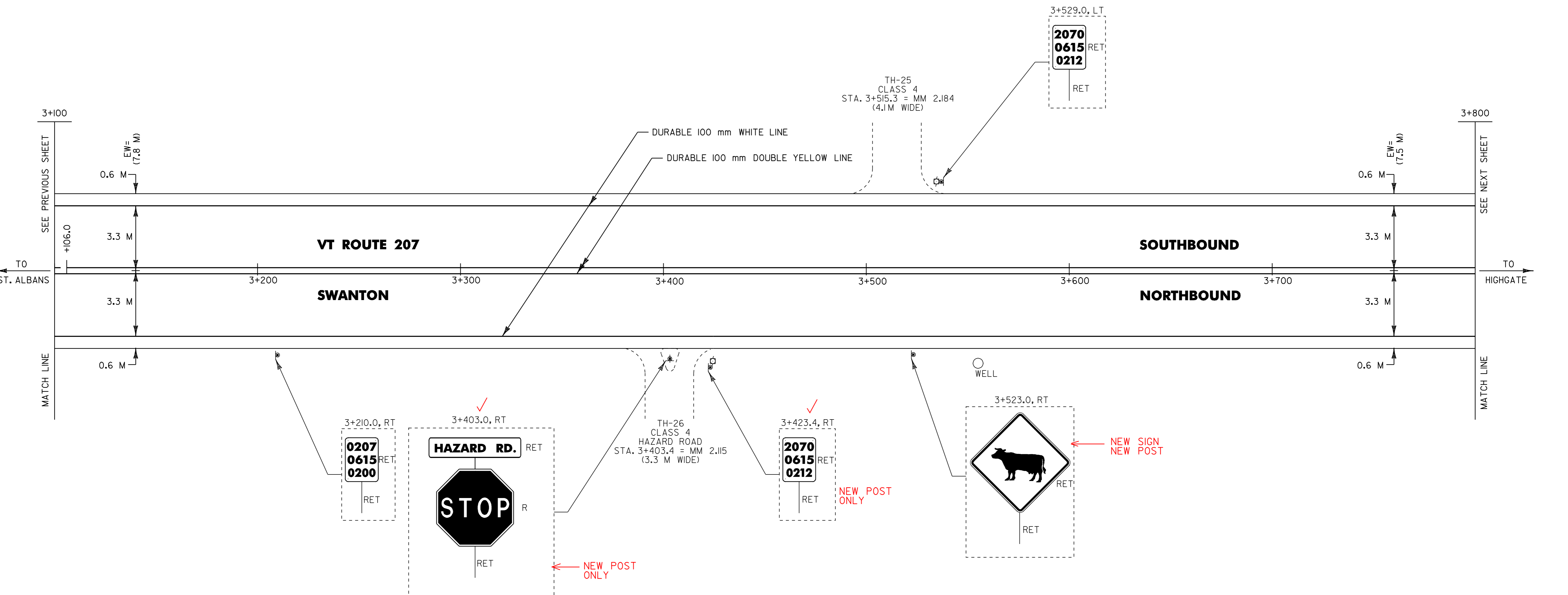


TEMPORARY AND DURABLE 100 mm WHITE LINE  
STA. 3+100.0 TO 3+700.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
STA. 3+100.0 TO 3+106.0, DASHED LT. / SOLID RT.  
STA. 3+106.0 TO 3+800.0, SOLID LT. & RT.

REMOVING SIGNS  
AS SHOWN - I

DITCH CLEANING  
STA. 3+540.6 TO 3+800.0, LT.  
(FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

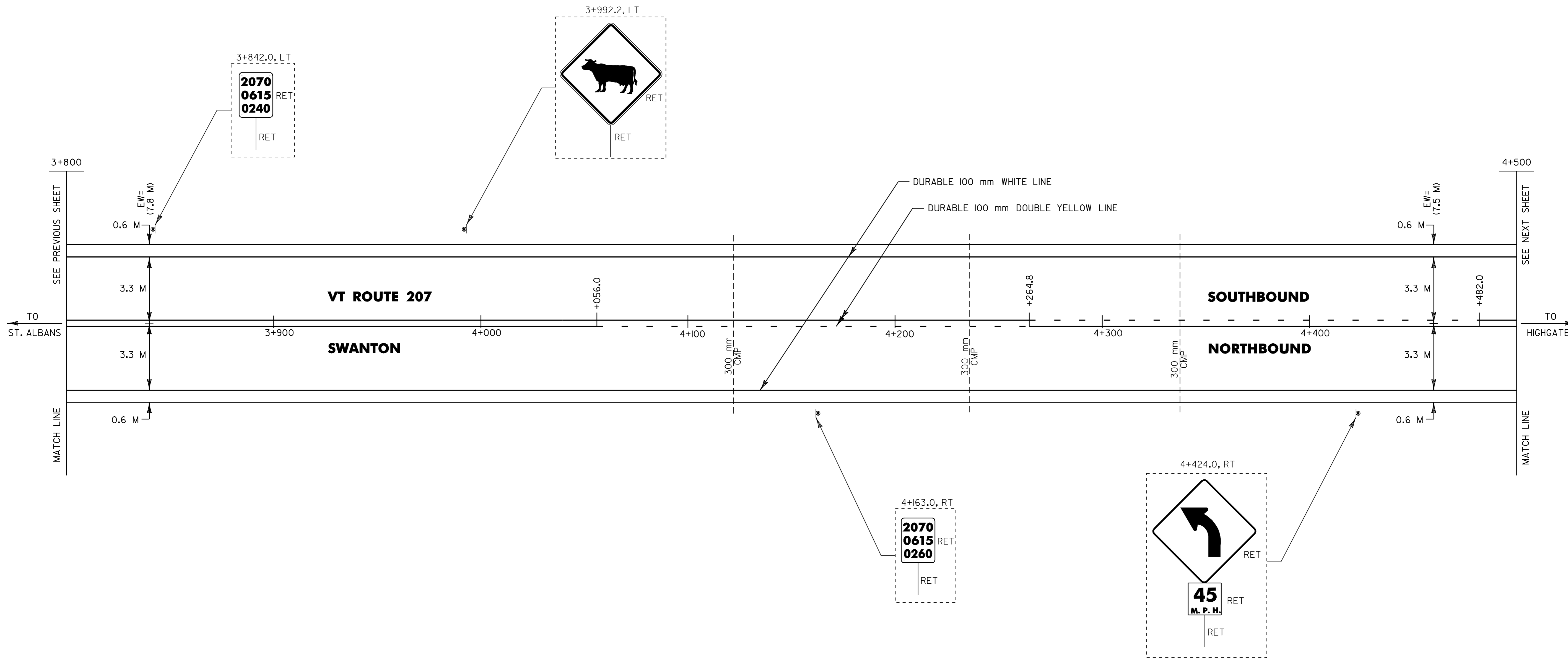
<b>PROJECT LAYOUT #12</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98c110/pcl10.dgn	PLOT DATE: 16-SEP-2005 13:15
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: pcl10pl2.1	SHEET 27 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE  
 STA. 3+700.0 TO 4+500.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
 STA. 3+800.0 TO 4+056.0, SOLID LT. & RT.  
 STA. 4+056.0 TO 4+264.8, SOLID LT. / DASHED RT.  
 STA. 4+264.8 TO 4+482.0, DASHED LT. / SOLID RT.  
 STA. 4+482.0 TO 4+500.0, SOLID LT. & RT.

DITCH CLEANING  
 STA. 3+800.0 TO 3+814.1, LT.  
 STA. 3+942.9 TO 4+103.8, LT.  
 (FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #13</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98c110/pcl10.dgn	PLOT DATE: 16-SEP-2005 13:15
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: pcl10p13.1	SHEET 28 OF 89

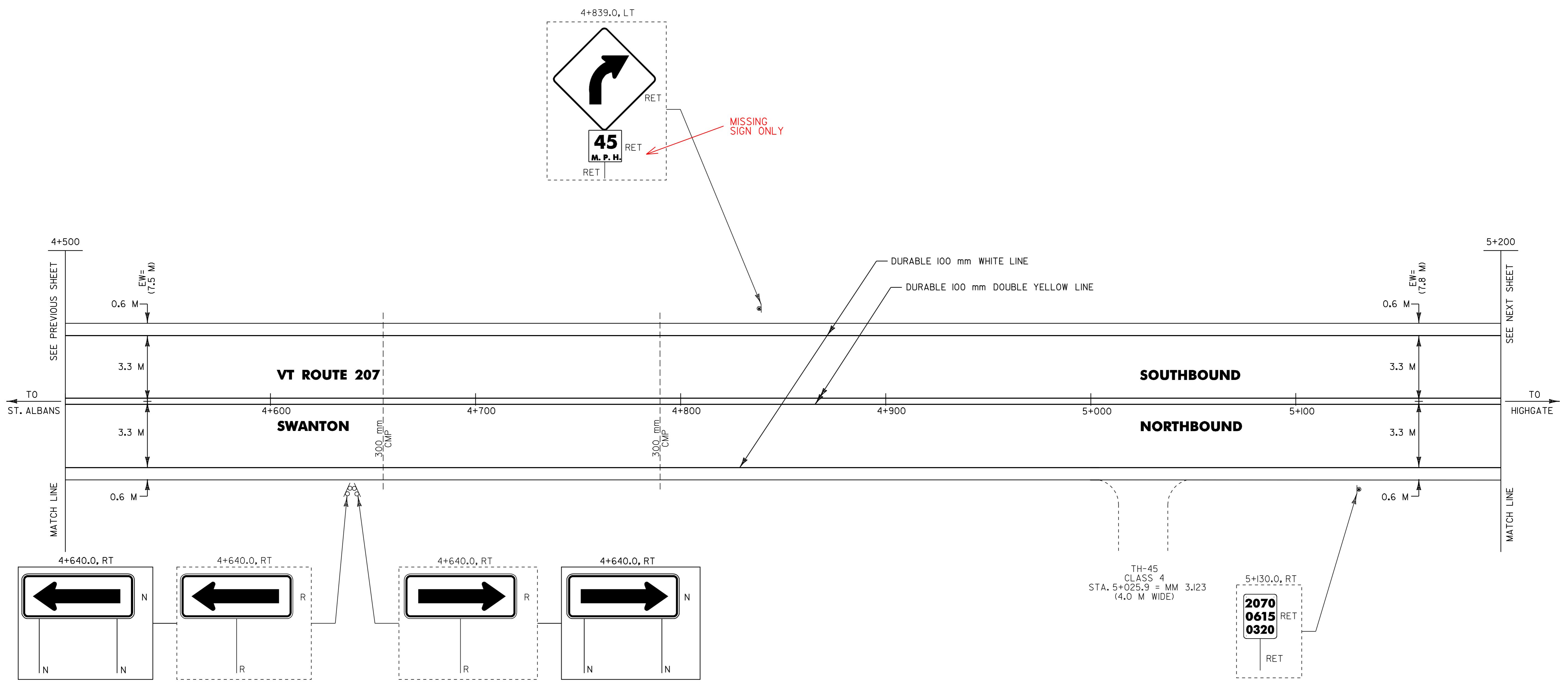


TEMPORARY AND DURABLE 100 mm WHITE LINE  
STA. 4+500.0 TO 5+200.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
STA. 4+500.0 TO 5+200.0, SOLID LT. & RT.

REMOVING SIGNS  
AS SHOWN - 2

DITCH CLEANING  
STA. 4+506.2 TO 4+828.0, LT.  
STA. 5+182.1 TO 5+200.0, LT.  
(FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.
- 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M
- 5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #14**

PROJECT NAME: ST. ALBANS-HIGHGATE  
PROJECT NUMBER: STP 2114(1)S

FILE NAME: /pave/98c110/pcl10.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: D-H  
IPARM FILE NAME: pcl10pl4.1

PLOT DATE: 16-SEP-2005 13:51  
DRAWN BY: D-H  
CHECKED BY: D-H  
SHEET 29 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE  
STA. 5+200.0 TO 5+780.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE  
STA. 5+200.0 TO 5+390.0, SOLID LT. & RT.  
STA. 5+390.0 TO 5+633.0, SOLID LT. / DASHED RT.  
STA. 5+633.0 TO 5+780.0, DASHED CENTERLINE

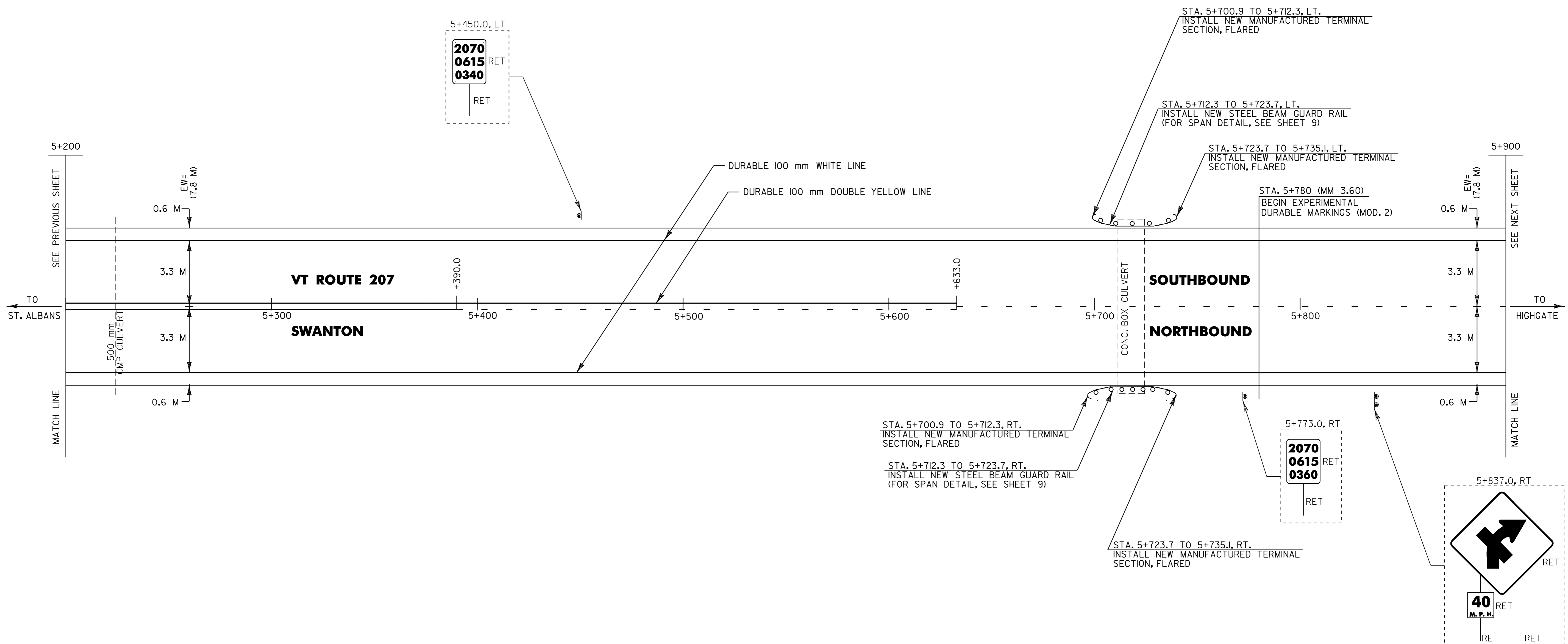
MANUFACTURED TERMINAL SECTION, FLARED  
STA. 5+700.9 TO 5+712.3, LT. & RT.  
STA. 5+723.7 TO 5+735.1, LT. & RT.

STEEL BEAM GUARD RAIL  
STA. 5+712.3 TO 5+723.7, LT. & RT.

DITCH CLEANING  
STA. 5+200.0 TO 5+423.5, LT.  
STA. 5+471.8 TO 5+761.5, LT.  
(FOR DETAILS SEE SHEET 11)

TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 5+780.0 TO 5+900.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 5+780.0 TO 5+900.0, DASHED CENTERLINE



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #15</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98c110/pcl10.dgn	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: pcl10pl5.1	SHEET 30 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD.2)  
 STA. 5+900.0 TO 6+600.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS WOODSHILL RD.  
 LT. & RT.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD.2)  
 STA. 5+900.0 TO 5+908.0, DASHED CENTERLINE  
 STA. 5+908.0 TO 6+115.5, DASHED LT. / SOLID RT.  
 STA. 6+115.5 TO 6+236.2, SOLID LT. & RT.  
 STA. 6+236.2 TO 6+405.2, SOLID LT. / DASHED RT.  
 STA. 6+405.2 TO 6+600.0, DASHED CENTERLINE

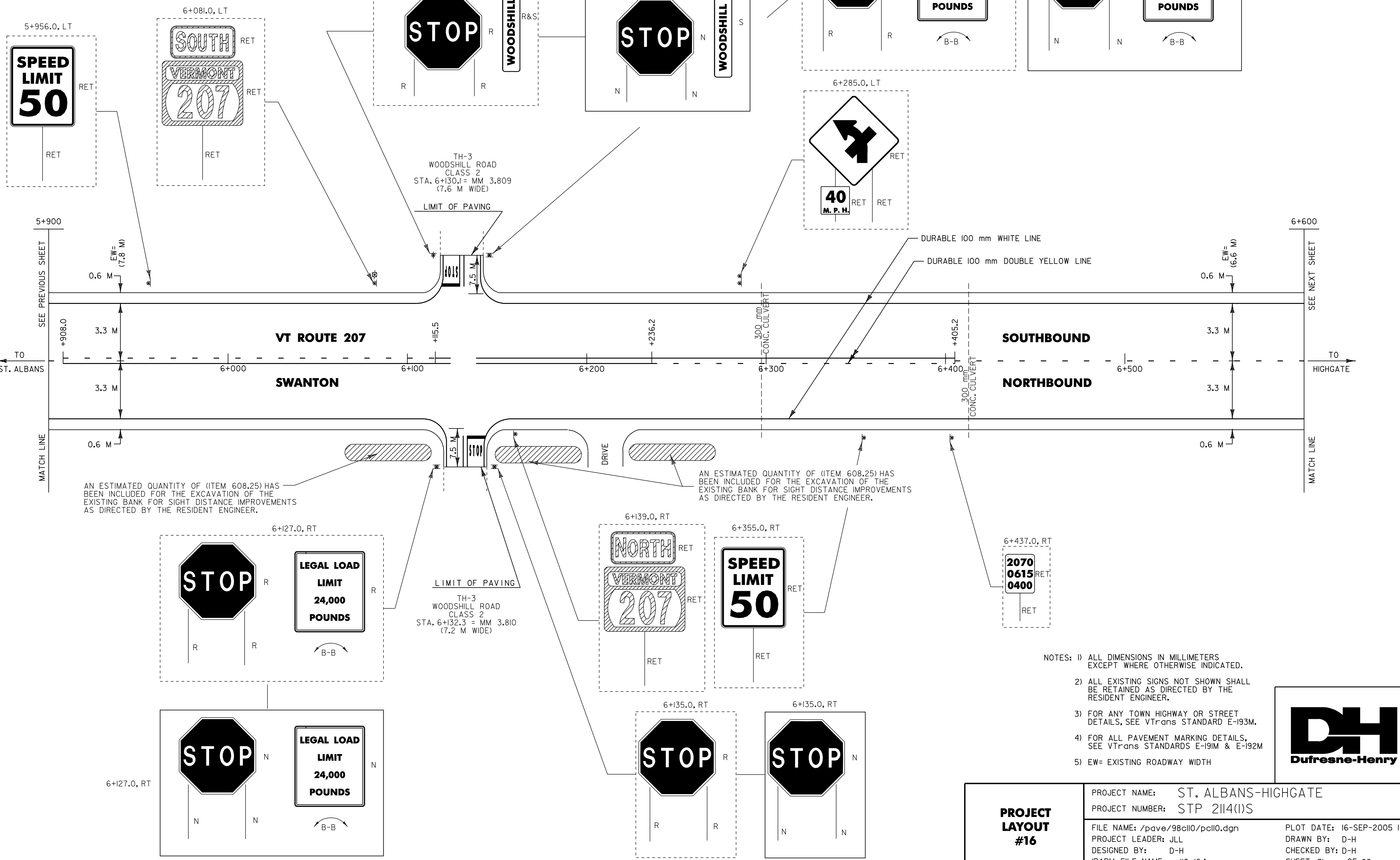
TEMPORARY AND DURABLE 600 mm STOP BAR (MOD.2)  
 STA. 6+130.1, LT. & RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL (MOD.2)  
 STA. 6+130.1, LT. & RT. - "STOP"

DITCH CLEANING  
 STA. 6+115.5 TO 6+228.2, LT.  
 STA. 6+260.3 TO 6+437.4, LT.  
 (FOR DETAILS SEE SHEET 11)

ERECTING SALVAGED SIGNS  
 AS SHOWN - 2

REMOVING SIGNS  
 AS SHOWN - 8



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

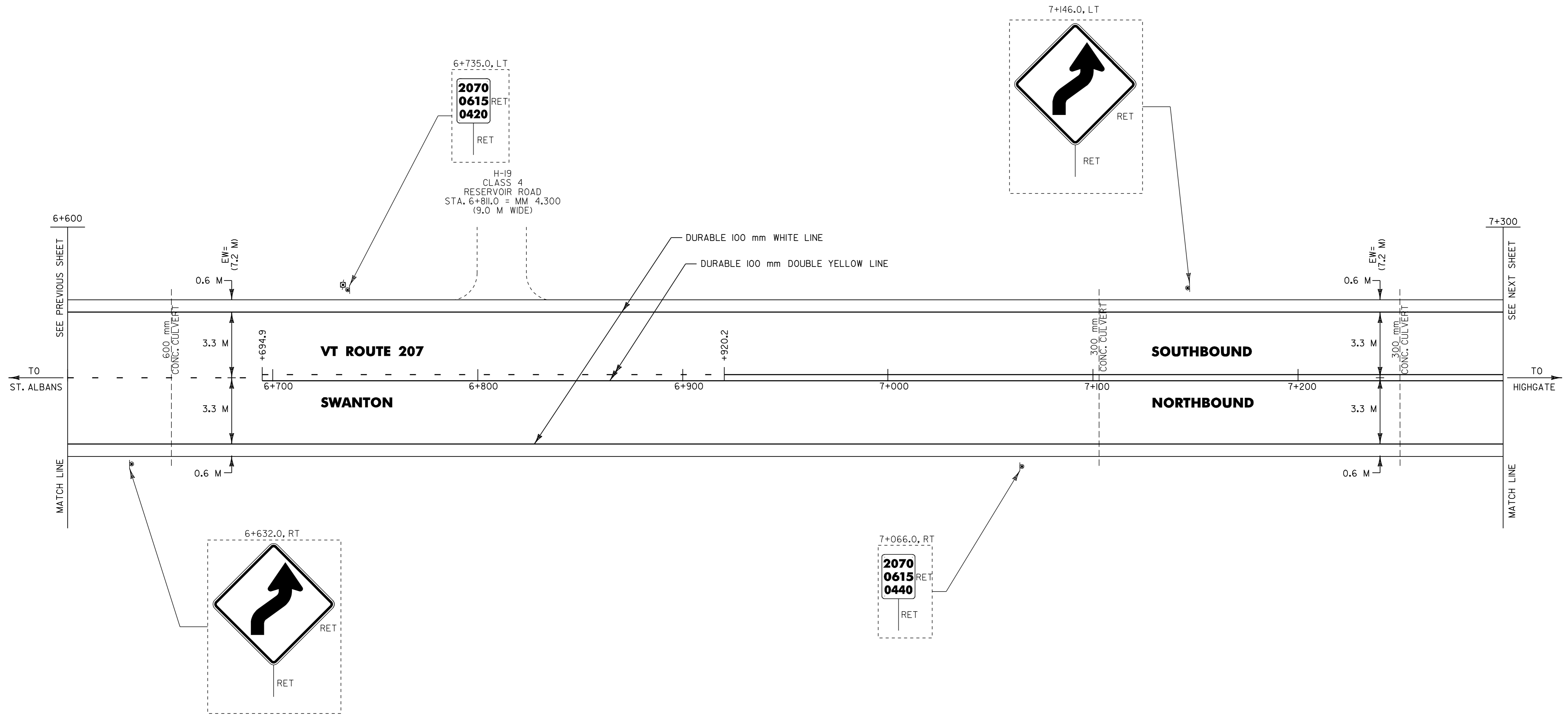


<b>PROJECT LAYOUT #16</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98cll0/pcll0.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 31 OF 89
	IPARM FILE NAME: pcll0p16.i	

TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
 STA. 6+600.0 TO 7+300.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
 STA. 6+600.0 TO 6+694.9, DASHED CENTERLINE  
 STA. 6+694.9 TO 6+920.2, DASHED LT. / SOLID RT.  
 STA. 6+920.2 TO 7+300.0, SOLID LT. & RT.

DITCH CLEANING  
 STA. 6+630.5 TO 6+823.6, LT.  
 STA. 6+800.0 TO 7+000.0, RT.  
 STA. 7+129.4 TO 7+300.0, LT.  
 (FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.
- 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M
- 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #17</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98c110/pcl10.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 32 OF 89
	IPARM FILE NAME: pcl10pl7.1	

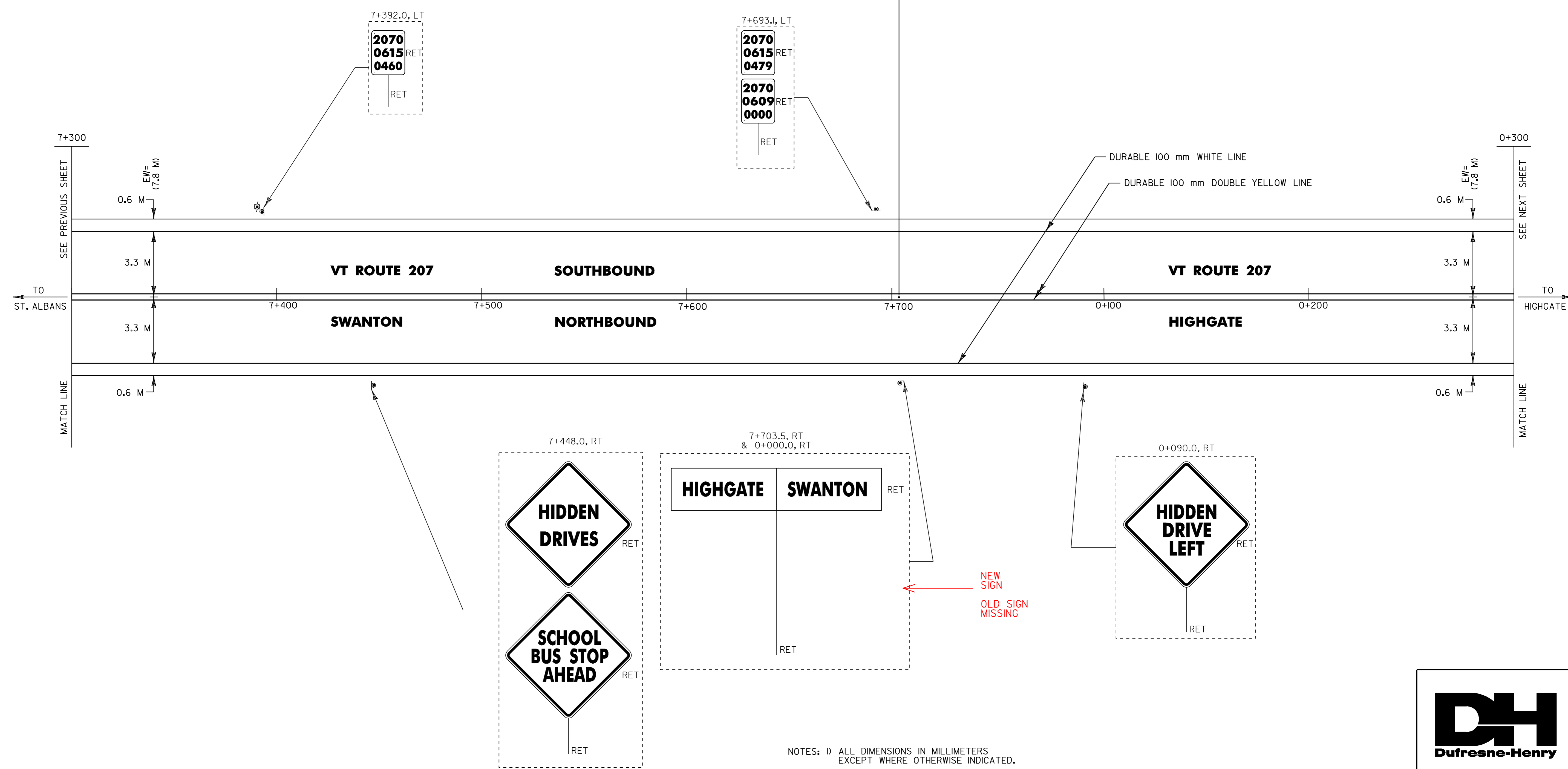


TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
 SWANTON STA. 7+300.0 TO HIGHGATE STA. 0+300.0,  
 SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
 SWANTON STA. 7+300.0 TO HIGHGATE STA. 0+300.0,  
 SOLID LT. & RT.

DITCH CLEANING  
 STA. 7+300.0 TO 7+703.9, LT.  
 STA. 0+000.0 TO 0+144.8, LT.  
 STA. 0+281.6 TO 0+300.0, LT.  
 (FOR DETAILS SEE SHEET 11)

**SWANTON STA. 7+703.93 = MM 4.787**  
**HIGHGATE STA. 0+000.0 = MM 0.000**  
**SWANTON - HIGHGATE TOWN LINE**



- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.
  - 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M
  - 5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #18**

PROJECT NAME: ST. ALBANS-HIGHGATE  
 PROJECT NUMBER: STP 2114(1)S  
 FILE NAME: /pave/98c110/pcl10.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: pcl10pl8.i  
 PLOT DATE: 16-SEP-2005 13:16  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 33 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD.2)  
STA. 0+300.0 TO 1+000.0, SOLID LT. & RT.

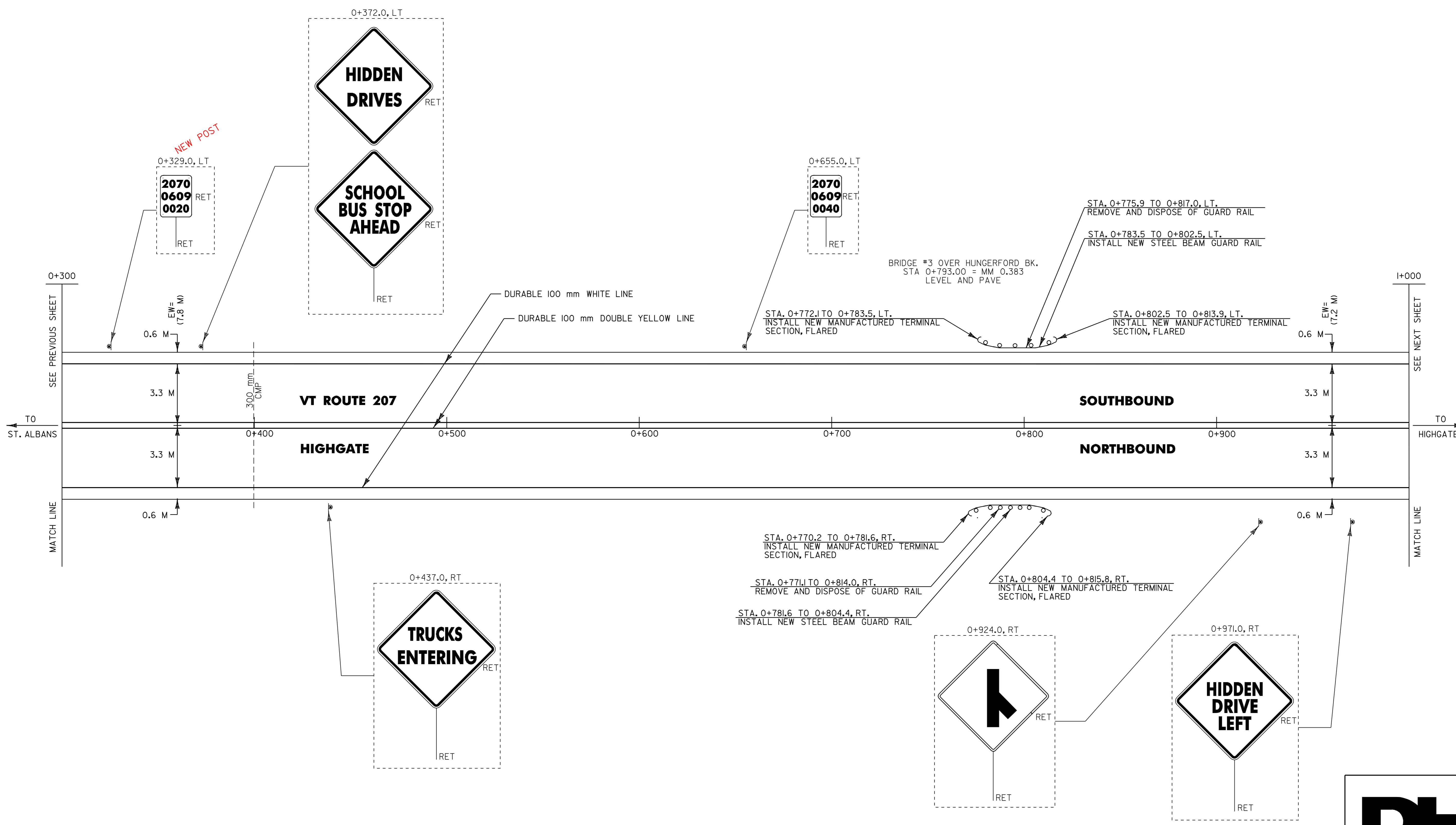
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD.2)  
STA. 0+300.0 TO STA. 1+000.0, SOLID LT. & RT.

MANUFACTURED TERMINAL SECTION, FLARED  
STA. 0+770.2 TO 0+781.6, RT.  
STA. 0+772.1 TO 0+783.5, LT.  
STA. 0+802.5 TO 0+813.9, LT.  
STA. 0+804.4 TO 0+815.8, RT.

REMOVAL AND DISPOSAL OF GUARD RAIL  
STA. 0+771.1 TO 0+814.0, RT.  
STA. 0+775.9 TO 0+817.0, LT.

STEEL BEAM GUARD RAIL  
STA. 0+781.6 TO 0+804.4, RT.  
STA. 0+783.5 TO 0+802.5, LT.

DITCH CLEANING  
STA. 0+300.0 TO 0+313.8, LT.  
(FOR DETAILS SEE SHEET 11)



NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.
- 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M
- 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #19</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98cll0/pcll0.dgn	CHECKED BY: D-H
	IPARM FILE NAME: pcll0p19.i	SHEET 34 OF 89



TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
 STA. I+000.0 TO I+700.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAK FOR COOK RD.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
 STA. I+000.0 TO STA. I+700.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAK FOR COOK RD.)

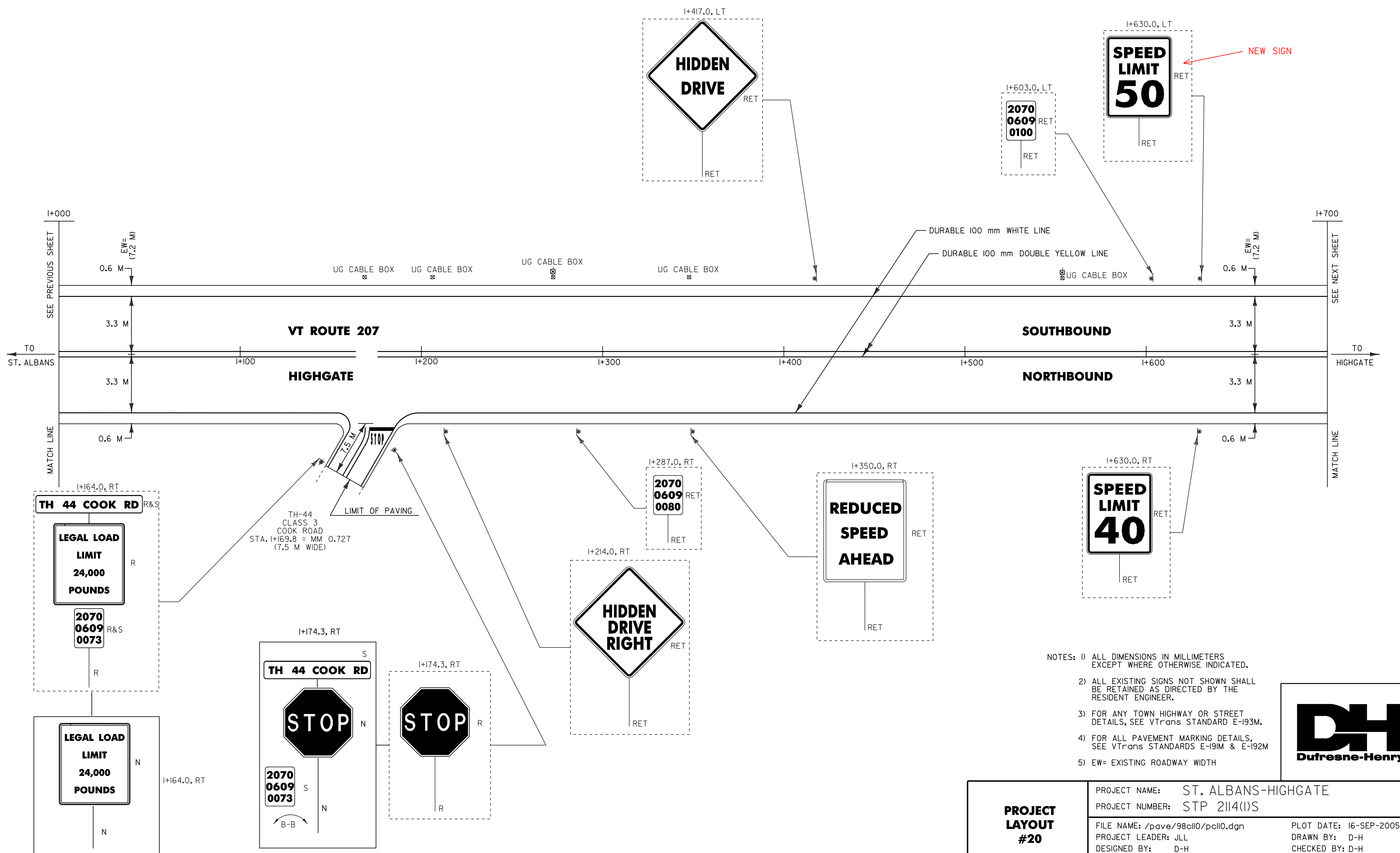
TEMPORARY AND DURABLE 600 mm STOP BAR (MOD. 2)  
 STA. I+169.8, RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL (MOD. 2)  
 STA. I+169.8, RT. - "STOP"

REMOVING SIGNS  
 AS SHOWN - 4

ERECTING SALVAGED SIGNS  
 AS SHOWN - 2

DITCH CLEANING  
 STA. I+200.0 TO I+550.0, RT.  
 STA. I+200.0 TO I+550.0, LT.  
 STA. I+351.8 TO I+367.9, LT.  
 (FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH



<b>PROJECT LAYOUT #20</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98cll0/pcll0.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 35 OF 89
	IPARM FILE NAME: pcll0p20.i	

TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
 STA. 1+700.0 TO 2+400.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS FOR LUKE RD. AND  
 BROUSSEAU RD.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
 STA. 1+700.0 TO STA. 2+400.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAKS FOR LUKE RD. AND  
 BROUSSEAU RD.)

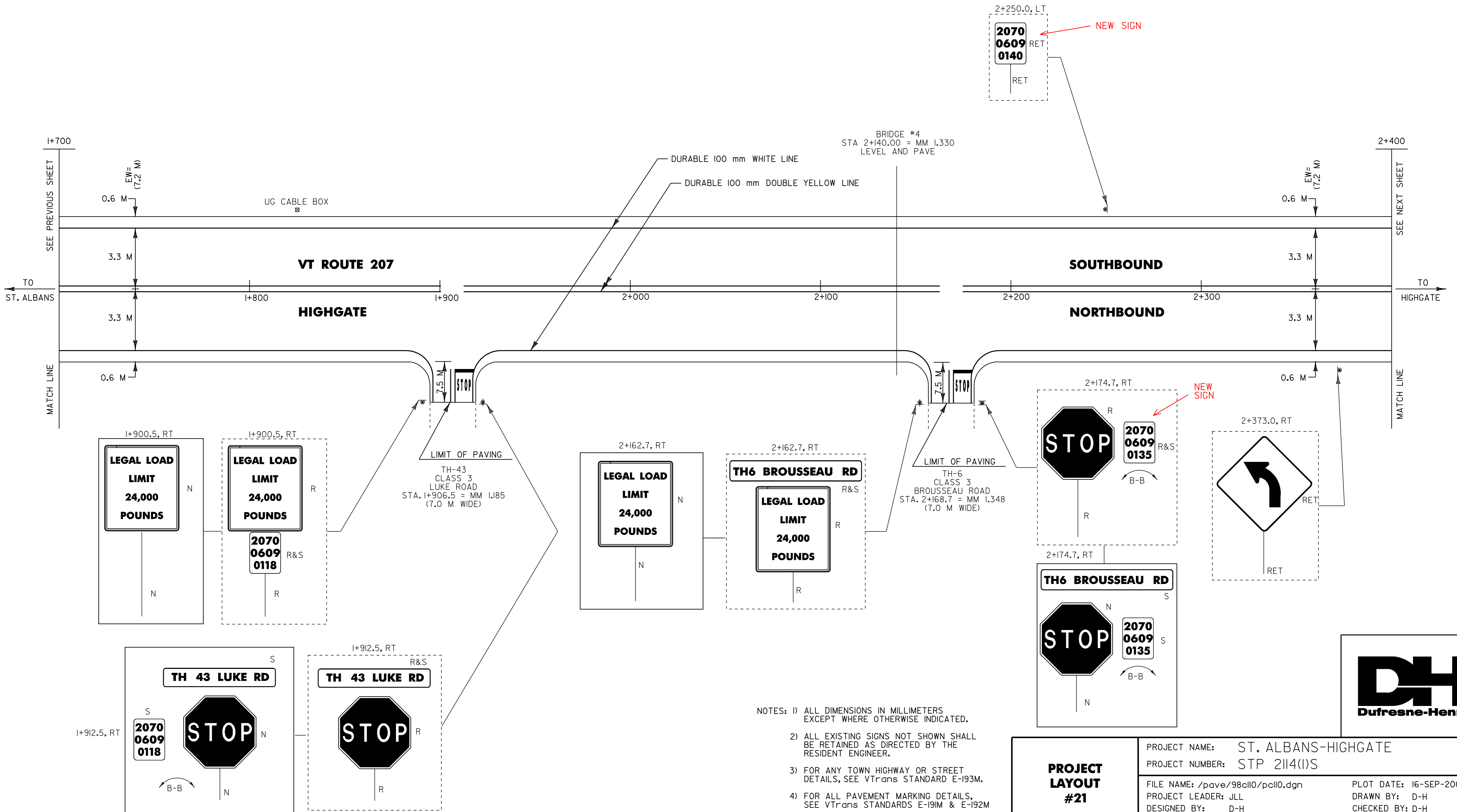
TEMPORARY AND DURABLE 600 mm STOP BAR (MOD. 2)  
 STA. 1+906.5, RT.  
 STA. 2+165.7, RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL (MOD. 2)  
 STA. 1+906.5, RT. - "STOP"  
 STA. 2+165.7, RT. - "STOP"

ERECTING SALVAGED SIGNS  
 AS SHOWN - 4

REMOVING SIGNS  
 AS SHOWN - 8

DITCH CLEANING  
 STA. 2+129.2 TO 2+188.7, LT.  
 STA. 2+220.9 TO 2+400.0, RT.  
 (FOR DETAILS SEE SHEET 11)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #21</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98cll0/pcll0.dgn	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
	DESIGNED BY: D-H	IPARM FILE NAME: pcll0p21.i	CHECKED BY: D-H
			SHEET 36 OF 89



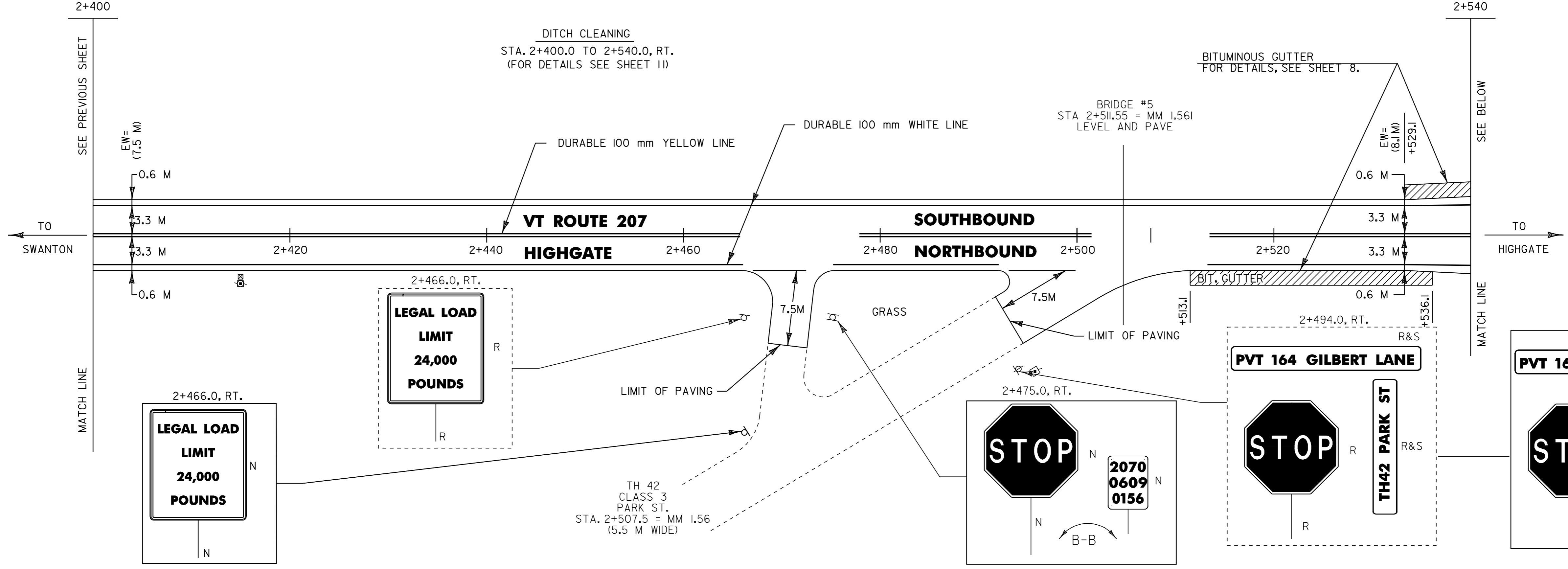
TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 2+400.0 TO 2+540.0, SOLID LT. & RT.  
(WITH EDGELINE BREAK FOR PARK ST.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 2+400.0 TO STA. 2+540.0, SOLID LT. & RT.  
(WITH CENTERLINE BREAKS FOR PARK ST.)

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS  
STA. 2+513.1 TO 2+536.1, RT.  
STA. 2+529.1 TO 2+540.0, LT.

REMOVING SIGNS  
AS SHOWN - 4

ERECTING SALVAGED SIGNS  
AS SHOWN - 2



TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 2+540.0 TO 2+700.0, SOLID LT. & RT.

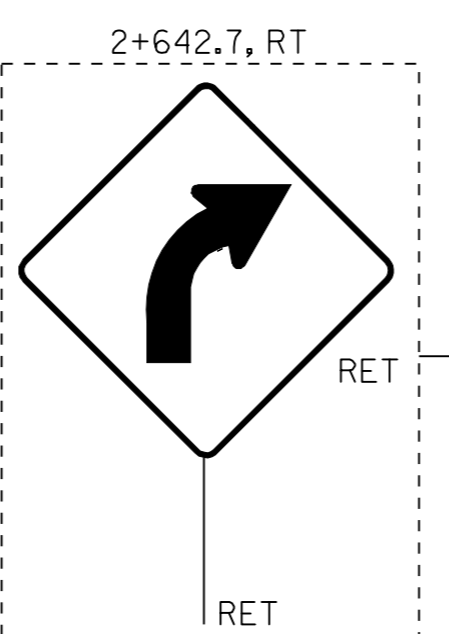
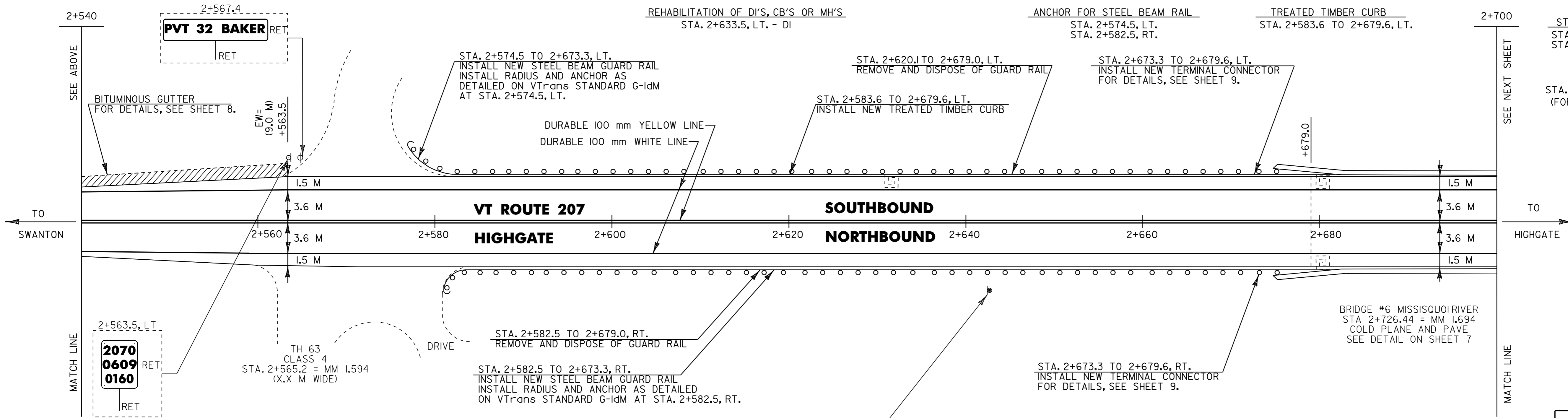
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 2+540.0 TO STA. 2+700.0, SOLID LT. & RT.

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS  
STA. 2+540.0 TO 2+563.5, LT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S  
STA. 2+680.3, LT. & RT. - DI'S

TERMINAL CONNECTOR FOR STEEL BEAM GUARD RAIL  
STA. 2+673.3 TO 2+679.6, LT.  
STA. 2+673.3 TO 2+679.6, RT.

REMOVAL AND DISPOSAL OF GUARD RAIL  
STA. 2+582.5 TO 2+679.0, RT.  
STA. 2+620.1 TO 2+679.0, LT.



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARD E-193M.  
4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTRANS STANDARDS E-191M & E-192M  
5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #22</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	FILE NAME: /pave/98c110/pcl10.dgn	PLOT DATE: 16-SEP-2005 13:16
	PROJECT NUMBER: STP 2114(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY:
		IPARM FILE NAME: pcl10p22.i	SHEET 37 OF 89

TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 2+700.0 TO 2+860.0, SOLID LT. & RT.

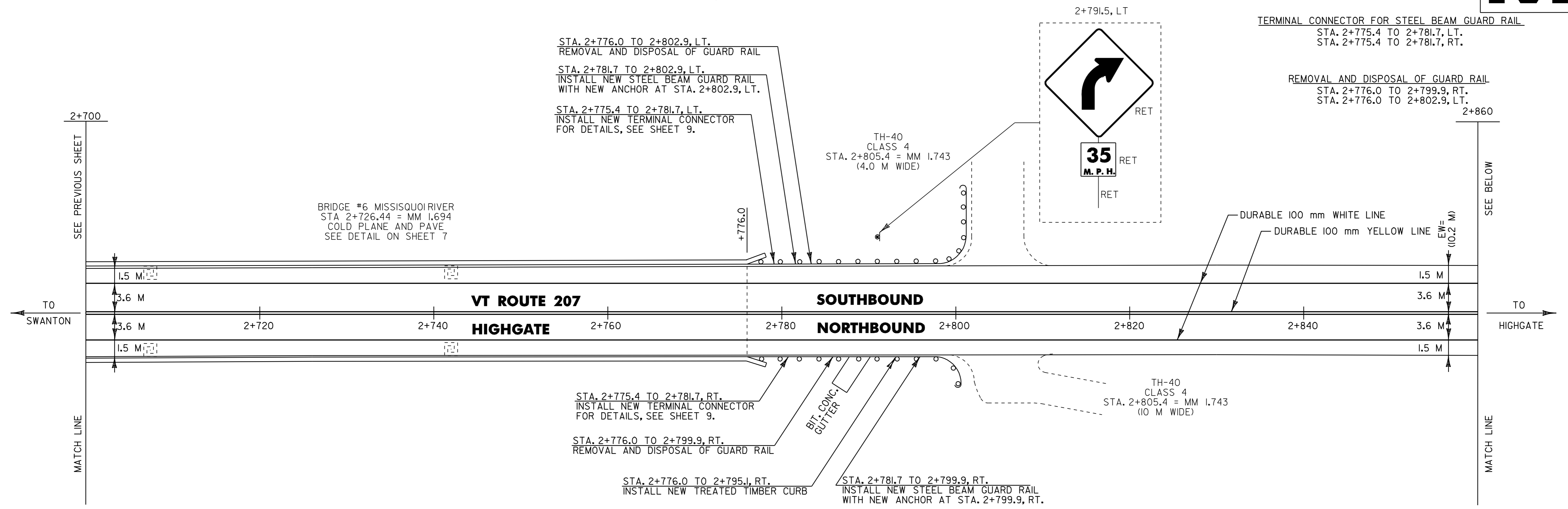
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 2+700.0 TO STA. 2+860.0, SOLID LT. & RT.

CHANGING ELEVATION OF D'S, CB'S OR MH'S  
STA. 2+707.5, LT. & RT. - D'S  
STA. 2+742.0, LT. & RT. - D'S

TREATED TIMBER CURB  
STA. 2+776.0 TO 2+795.1, RT.

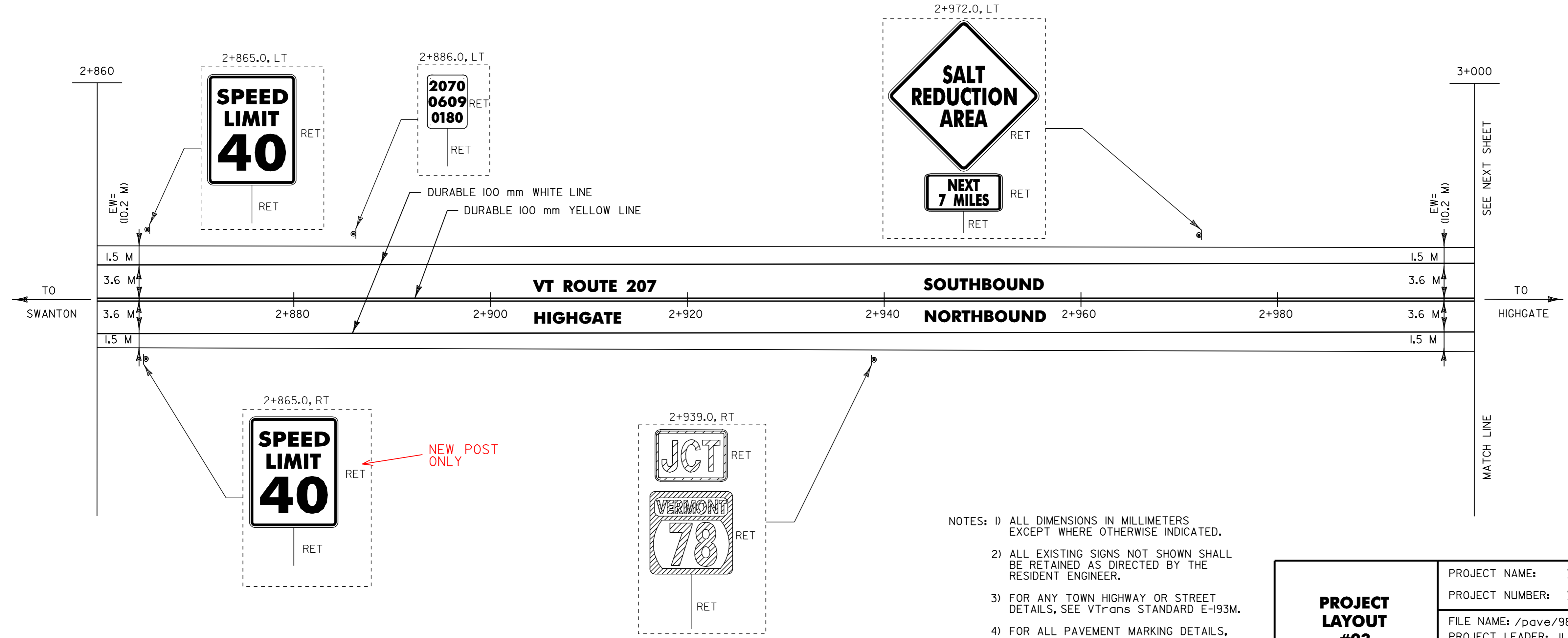
STEEL BEAM GUARD RAIL  
STA. 2+781.7 TO 2+799.9, RT.  
STA. 2+781.7 TO 2+802.9, LT.

ANCHOR FOR STEEL BEAM RAIL  
STA. 2+799.9, RT.  
STA. 2+802.9, LT.



TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 2+860.0 TO 3+000.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 2+860.0 TO STA. 3+000.0, SOLID LT. & RT.



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
5) EW= EXISTING ROADWAY WIDTH

<b>PROJECT LAYOUT #23</b>	PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:17
	PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
	FILE NAME: /pave/98c110/pcl10.dgn	CHECKED BY:
	DESIGNED BY: D-H	SHEET 38 OF 89
	IPARM FILE NAME: pcl10p23.i	

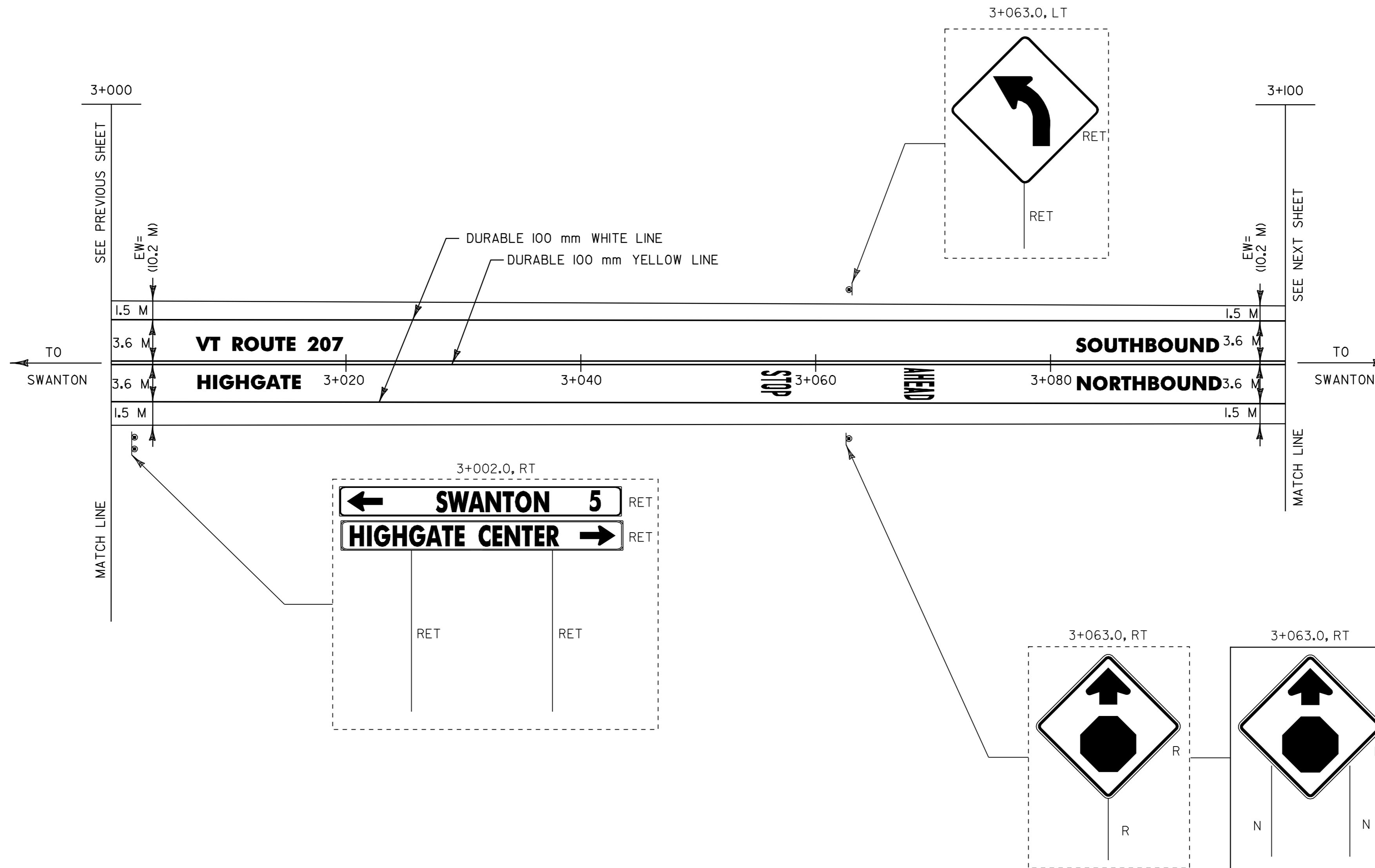


TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 3+000.0 TO 3+100.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 3+000.0 TO STA. 3+100.0, SOLID LT. & RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL (MOD. 2)  
STA. 3+057.0, RT. - "STOP"  
STA. 3+069.0, RT. - "AHEAD"

REMOVING SIGNS  
AS SHOWN - 1



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
 4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
 5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #24**

PROJECT NAME: ST. ALBANS-HIGHGATE  
 PROJECT NUMBER: STP 2114(1)S

FILE NAME: /pave/98c110/pcl10.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: pcl10p24.i

PLOT DATE: 16-SEP-2005 13:17  
 DRAWN BY: D-H  
 CHECKED BY:  
 SHEET 39 OF 89

TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD. 2)  
STA. 3+100.0 TO 3+199.4, SOLID LT. & RT.

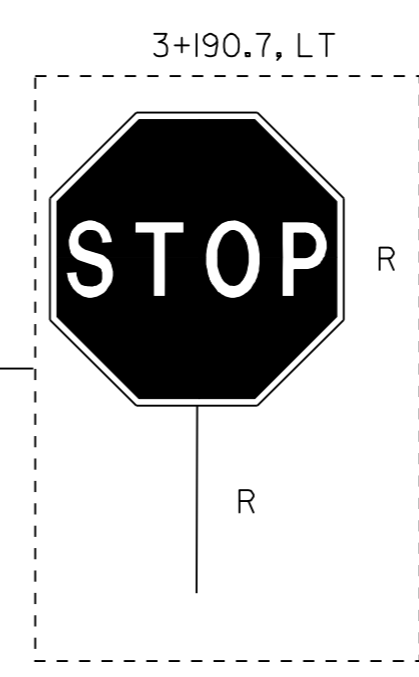
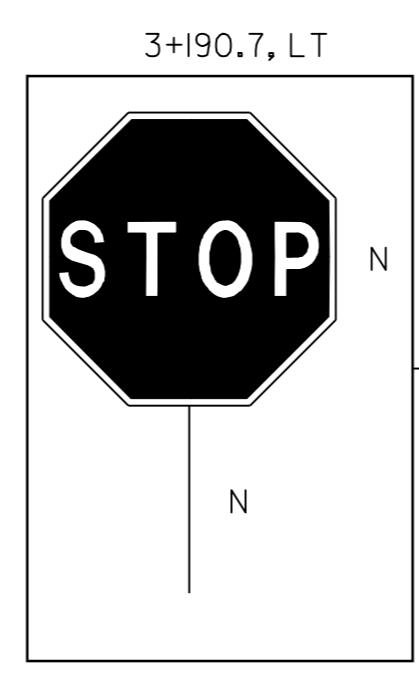
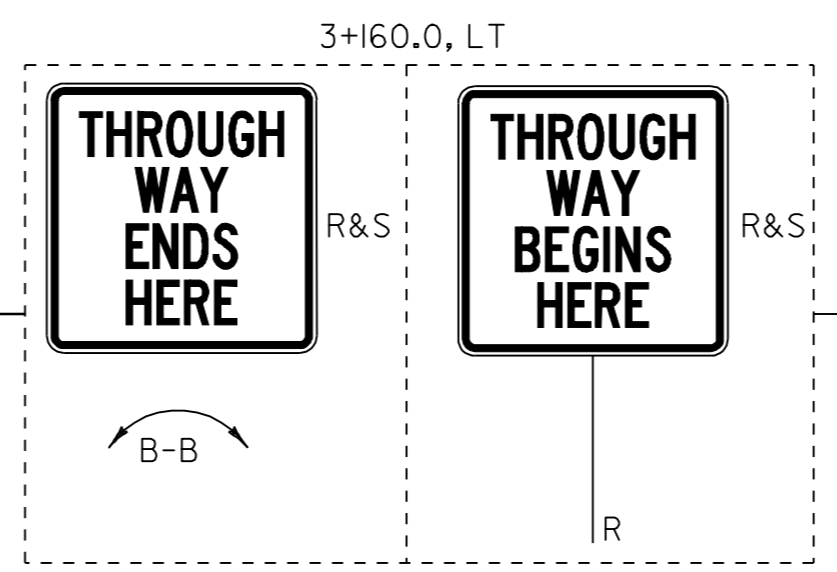
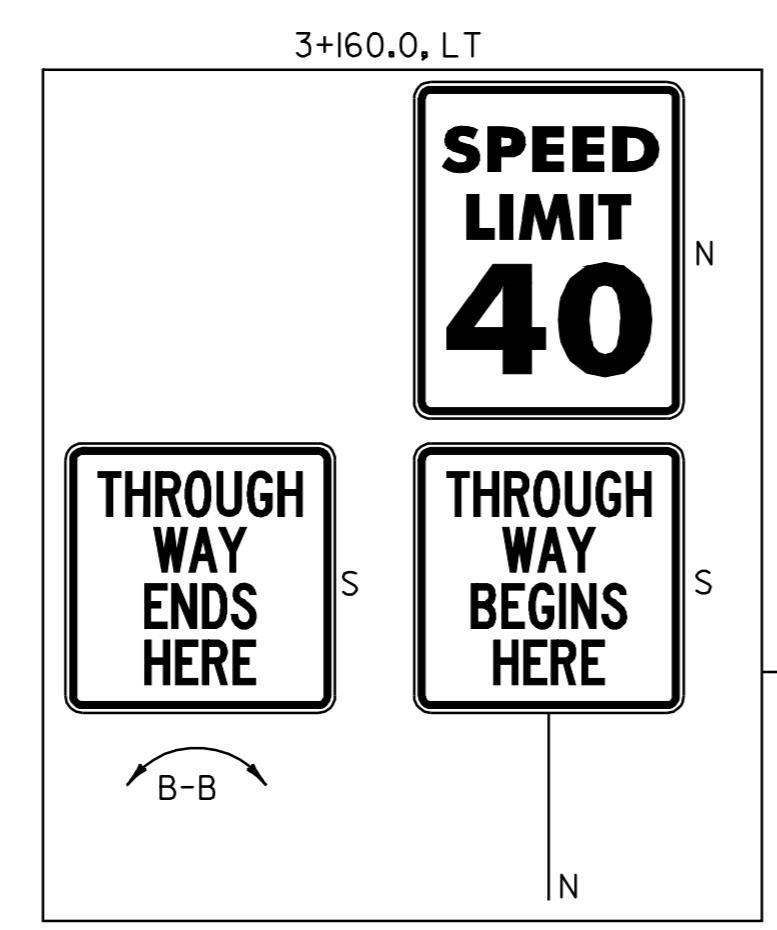
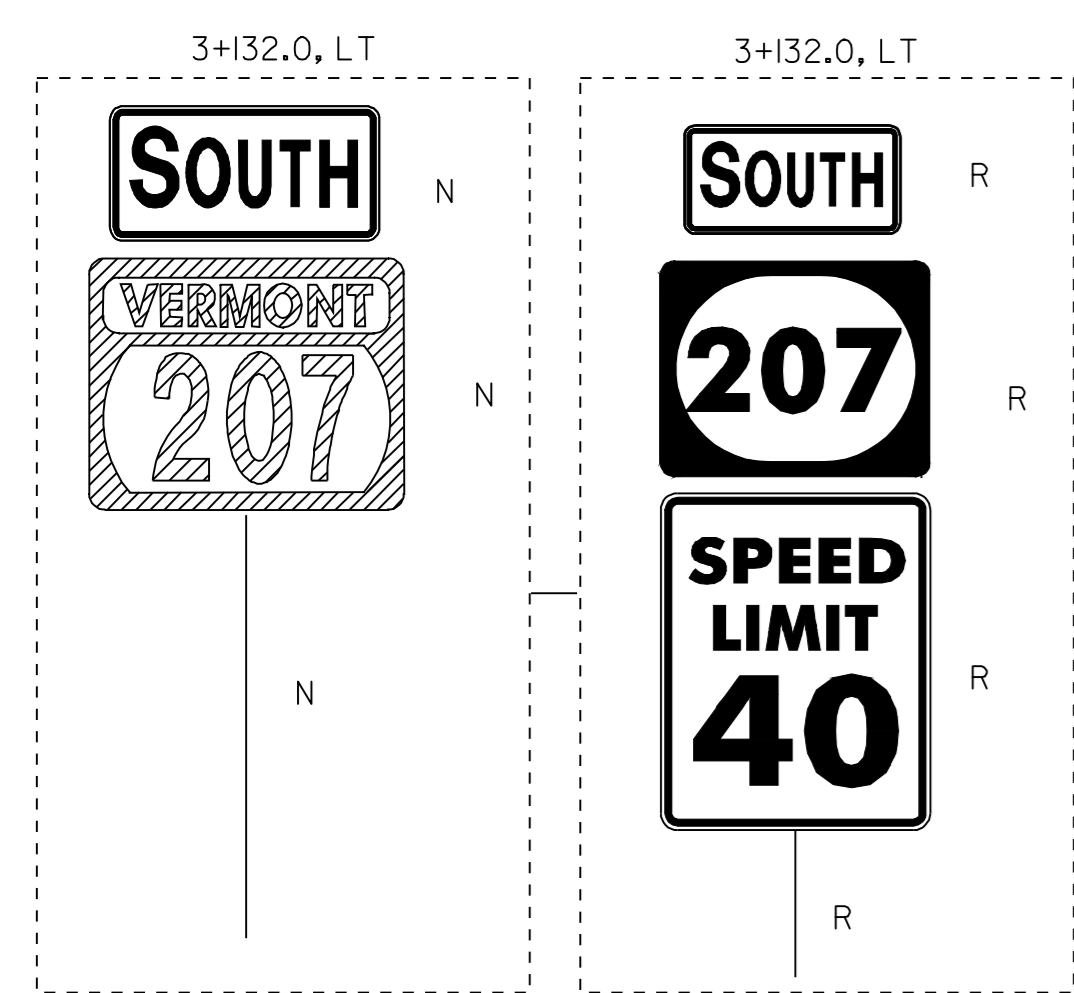
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)  
STA. 3+100.0 TO STA. 3+191.0, SOLID LT. & RT.

REMOVING SIGNS  
AS SHOWN - 9

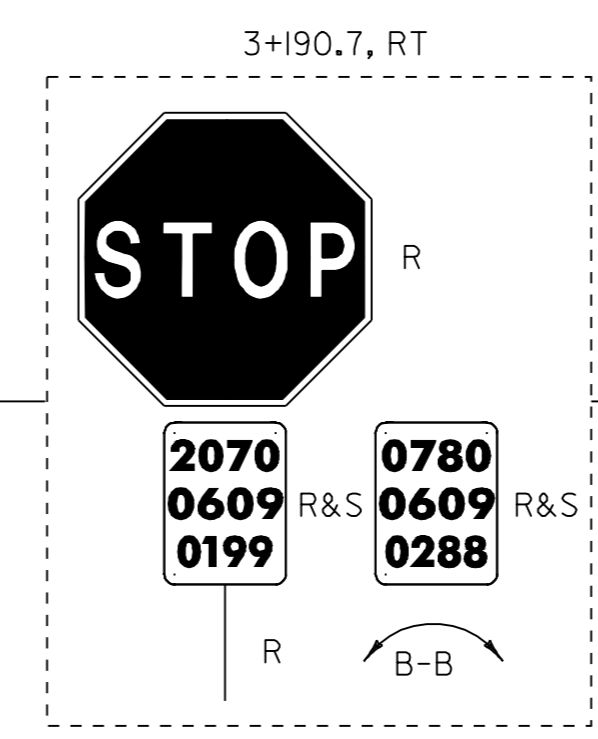
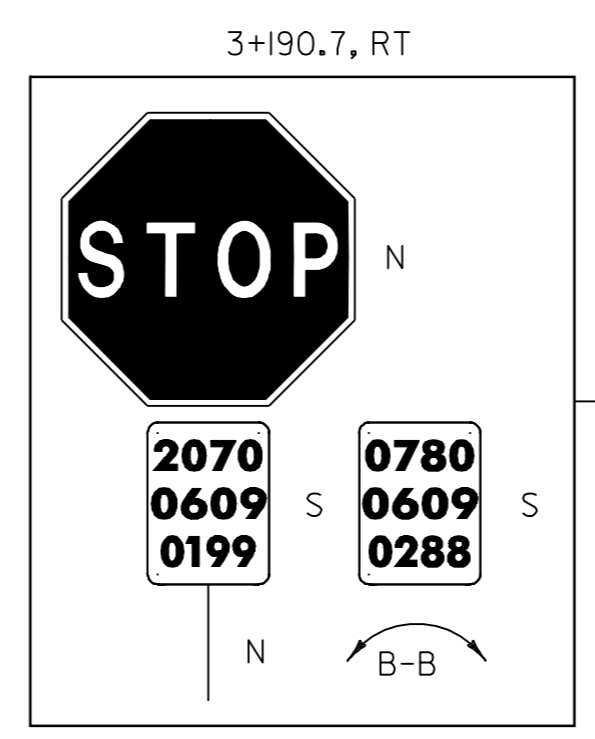
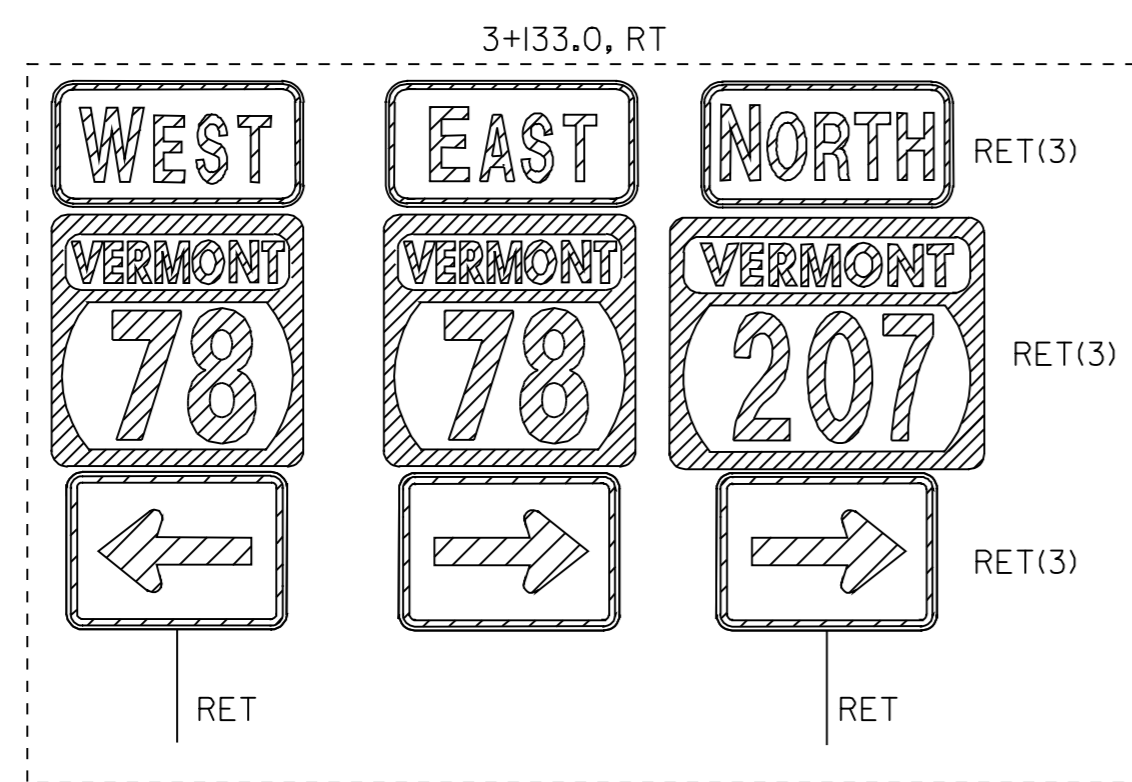
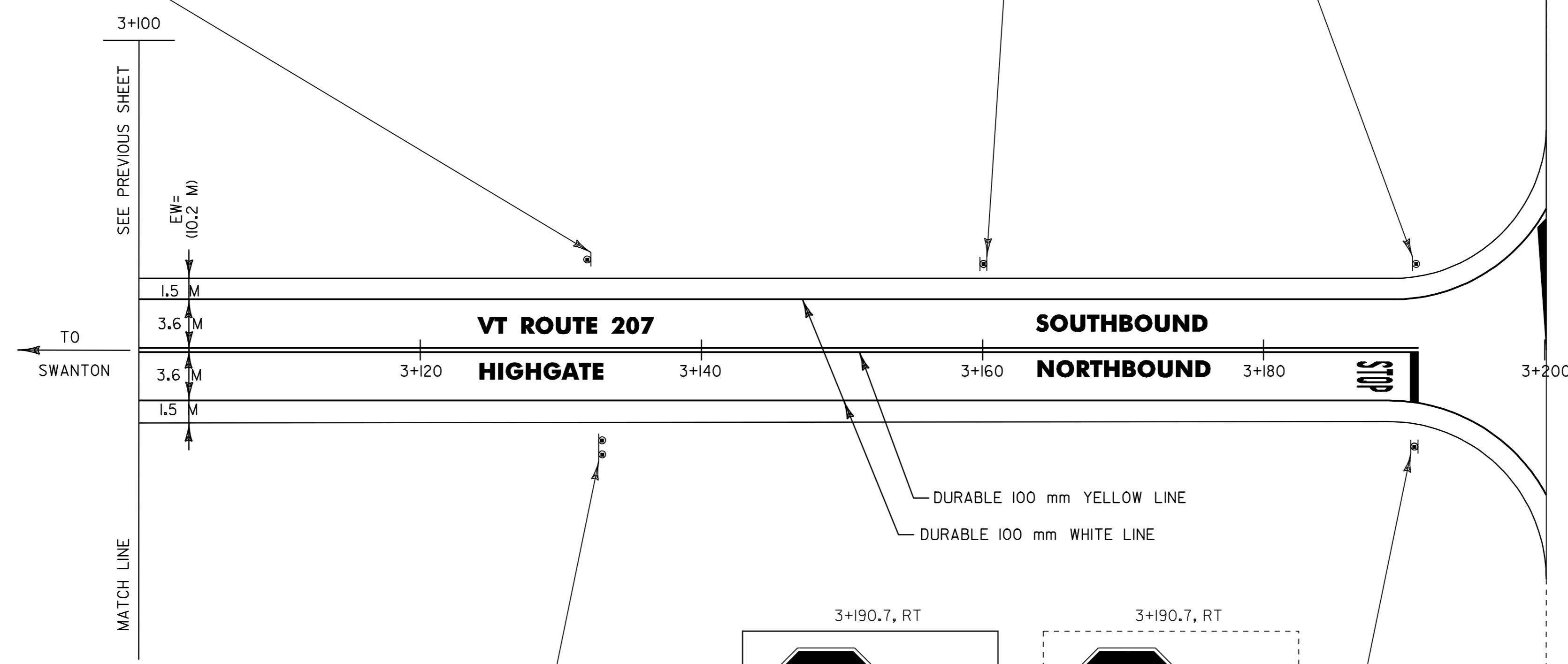
ERECTING SALVAGED SIGNS  
AS SHOWN - 4

TEMPORARY AND DURABLE LETTER OR SYMBOL (MOD. 2)  
STA. 3+188.0, RT. - 'STOP'

TEMPORARY AND DURABLE 600 mm STOP BAR (MOD. 2)  
STA. 3+190.7, RT.



**END STP 2114(1)S  
VT ROUTE 207  
HIGHGATE  
STA. 3+199.38 = MM 1.988**



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.  
4) FOR ALL PAVEMENT MARKING DETAILS, SEE VTrans STANDARDS E-191M & E-192M  
5) EW= EXISTING ROADWAY WIDTH

**PROJECT LAYOUT #25**

PROJECT NAME: ST. ALBANS-HIGHGATE	PLOT DATE: 16-SEP-2005 13:17
PROJECT NUMBER: STP 2114(1)S	DRAWN BY: D-H
FILE NAME: /pave/98c110/pcl10.dgn	CHECKED BY:
DESIGNED BY: D-H	SHEET 40 OF 89
IPARM FILE NAME: pcl10p25.i	













**UTILITY LOCATIONS\***  
(FOR INFORMATIONAL PURPOSES ONLY)

STATION	POSITION	DESCRIPTION
VT ROUTE 207		
ST. ALBANS		
0+484.0	RT.	WSO - IN GREENBELT
0+486.0	RT.	DI - IN GREENBELT
HIGHGATE		
2+633.5	LT	DI
2+680.3	LT & RT	DI
2+707.5	LT & RT	DI
2+742.0	LT & RT	DI

**REHABILITATION OF DI'S, CB'S, OR MH'S, CLASS I**

(ITEM 604.412)

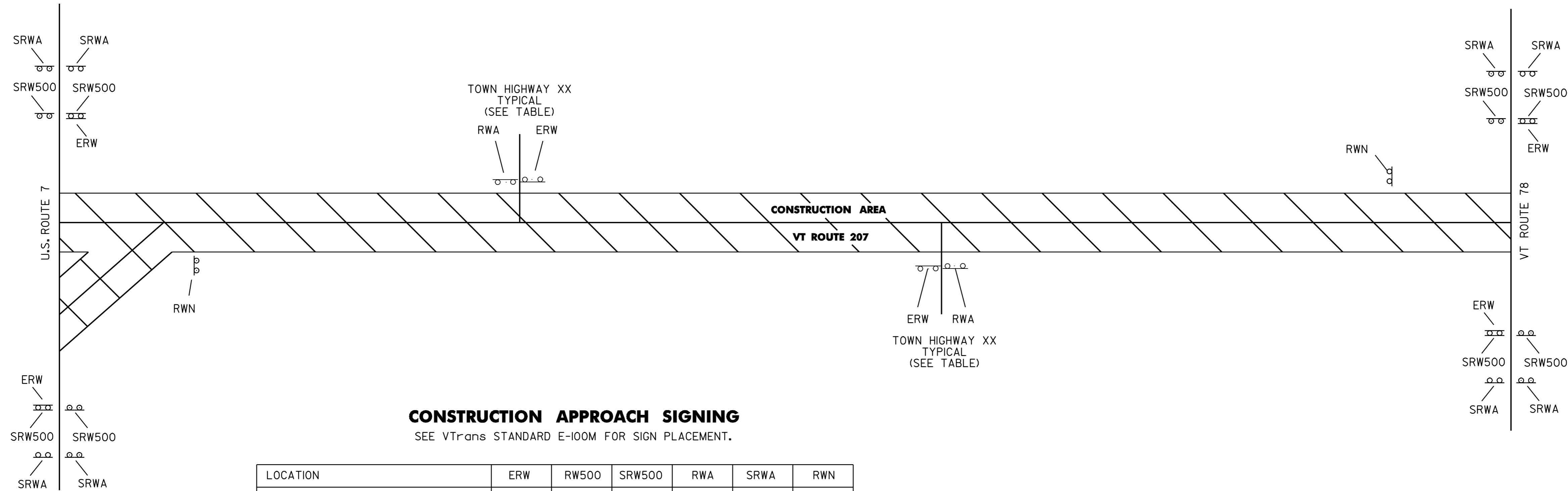
**CHANGING ELEVATION OF DI'S, CB'S, OR MH'S**

(ITEM 604.40)

STATION	POSITION	DESCRIPTION
VT ROUTE 207		
HIGHGATE		
2+633.5	LT	DI
2+680.3	LT & RT	DI
2+707.5	LT & RT	DI
2+742.0	LT & RT	DI

**STRUCTURE REHABILITATION LOCATIONS**

- NOTE 1: THE UTILITY LOCATIONS AND DESCRIPTIONS SHOWN ABOVE ARE APPROXIMATE AND ARE BASED ON INFORMATION OBTAINED FROM FIELD REVIEWS AND/OR RECORD UTILITY PLANS AS SUPPLIED BY THE MUNICIPALITY. REFER TO THE SPECIAL PROVISIONS FOR CONTACT PERSONS OF PRIVATE UTILITY COMPANIES.
- NOTE 2: ONE DROP INLET HAS BEEN ESTIMATED FOR INCLUSION IN THE PROJECT QUANTITIES IN THE EVENT THAT REHABILITATION BECOMES NECESSARY. PAYMENT FOR THIS ESTIMATED REHABILITATION HAS BEEN INCLUDED UNDER ITEM 604.412, REHABILITATION OF DI'S, CB'S OR MH'S, CLASS I
- NOTE 3: THE QUANTITIES ALSO INCLUDE AN ESTIMATED QUANTITY OF ONE VALVE BOX ADJUSTMENT, PAID UNDER ITEM 629.20, IN THE EVENT THAT A GATE VALVE IS ENCOUNTERED IN THE COLD PLANE/OVERLAY SURFACE AREA.



**CONSTRUCTION APPROACH SIGNING**  
SEE VTrans STANDARD E-100M FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	SRW500	RWA	SRWA	RWN
<b>ST. ALBANS</b>						
U.S. ROUTE 7 (NORTHBOUND)			2		2	
U.S. ROUTE 7 (SOUTHBOUND)			2		2	
U.S. ROUTE 7 APPROACH						
RAMP A						
RAMP C						
RAMP B						
RAMP D						
<b>SWANTON</b>						
TH-57						
TH-56						
BUSHEY RD.						
WOODSHILL RD. (LEFT)						
WOODSHILL RD. (RIGHT)						
<b>HIGHGATE</b>						
COOKE RD.						
LAKE ST.						
BROUSSEAU RD.						
PARK ST.						
END PROJECT						
VT ROUTE 78 (EASTBOUND)			2		2	
VT ROUTE 78 (WESTBOUND)			2		2	
TOTALS	15	0	8	11	8	2

- LEGEND
- ERW = END ROAD WORK
  - RW500 = ROAD WORK 500 FT
  - RWA = ROAD WORK AHEAD
  - RWN = ROAD WORK NEXT 7/4 MILES

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

**CONSTRUCTION APPROACH SIGNING & STRUCTURE REHABILITATION LOCATIONS**

PROJECT NAME: ST. ALBANS - HIGHGATE  
PROJECT NUMBER: STP 2114(1)S

FILE NAME: /pave/98c110/pcl10.dgn PLOT DATE: 16-SEP-2005 13:18  
PROJECT LEADER: JLL DRAWN BY: D-H  
DESIGNED BY: D-H CHECKED BY:  
IPARM FILE NAME: pcl10cas.i SHEET 46 OF 89



# STATE OF VERMONT AGENCY OF TRANSPORTATION

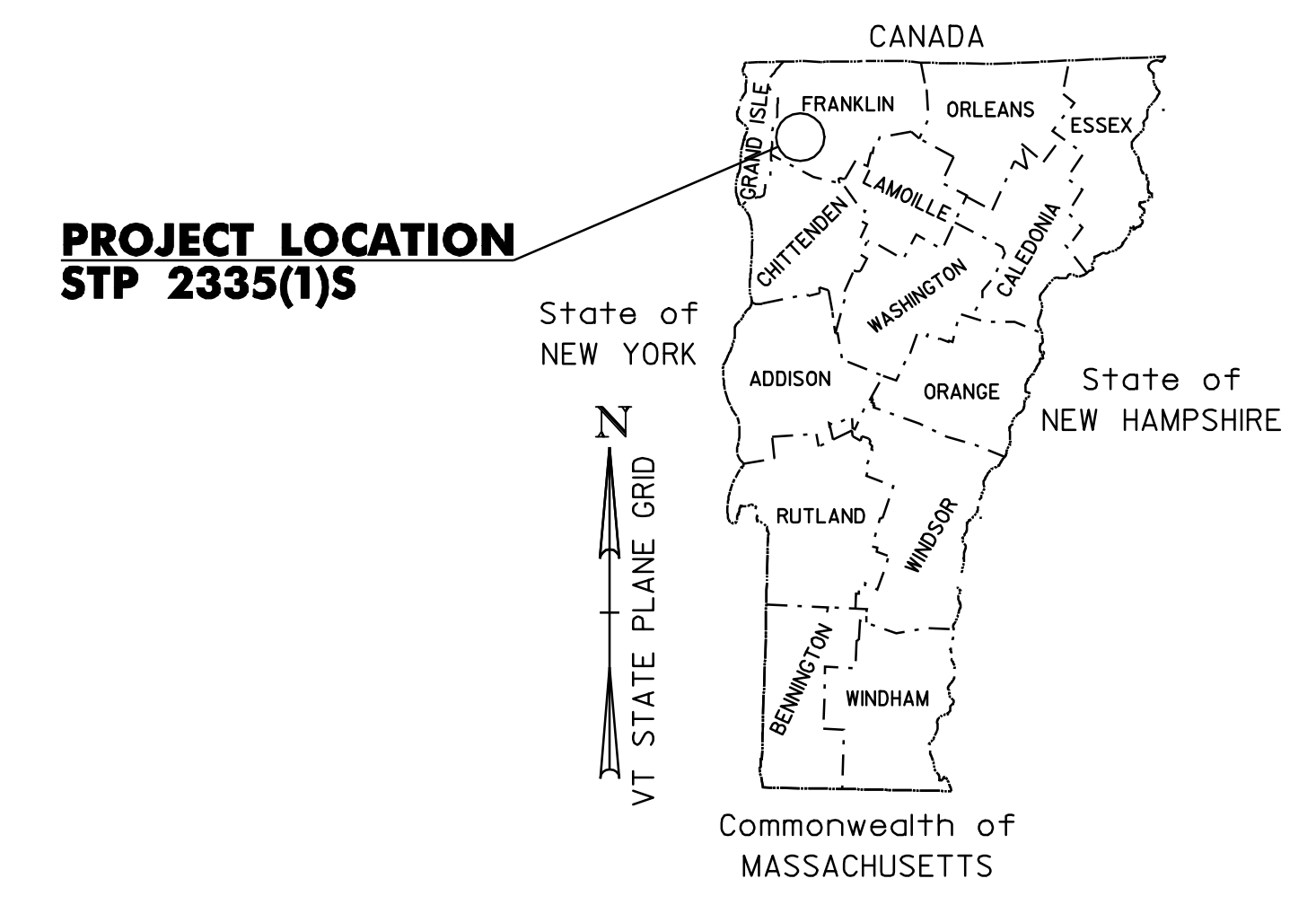


## PROPOSED IMPROVEMENT TOWNS OF ST. ALBANS AND SWANTON COUNTY OF FRANKLIN U.S. ROUTE 7

BEGINNING IN THE TOWN OF ST. ALBANS ON U.S. ROUTE 7 AT STA. 1+881.32 (MM 1.169) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 7 FOR A DISTANCE OF 1,332.54 M (0.828 MILES) TO STA. 3+213.86 (MM 1.997) IN THE TOWN OF ST. ALBANS, RESUME IN THE TOWN OF ST. ALBANS ON U.S. ROUTE 7 AT STA. 3+514.81 (MM 2.184) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 7 FOR A DISTANCE OF 9,308.50 M (5.784 MILES) TO STA. 8+154.55 (MM 5.067) IN THE TOWN OF SWANTON.

PROJECT DATA	LENGTH (M)	LENGTH (MILES)
TOWN OF ST. ALBANS, U.S. ROUTE 7 STA. 1+881.32 TO STA. 3+213.86 MM 1.169 TO MM 1.997	= 1332.54	0.828
TOWN OF ST. ALBANS, U.S. ROUTE 7 STA. 3+514.81 TO STA. 4+667.26 MM 2.184 TO MM 2.901	= 1152.45	0.717
TOWN OF SWANTON, U.S. ROUTE 7 STA. 0+000.00 TO STA. 8+154.55 MM 0.000 TO MM 5.067	= 8154.55	5.067
TOTAL LENGTH OF PROJECT	= 10,639.54	6.612
TOTAL LENGTH OF ROADWAY	= 10,940.49	6.799

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING AND RESURFACING OF THE EXISTING HIGHWAY, NEW PAVEMENT MARKINGS, GUARD RAIL AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	2,219,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-34

### TRAFFIC DATA U.S. ROUTE 7

LOCATION	BEGIN MM	END MM	ADT		DHV		ESALS	
			2004	2014	2004	2014	(2004-2014)	(2004-2024)
START OF PROJECT TO VT 105 APPROACH	1.133	1.332	14800	15900	1600	1700	1,475,000	3,478,000
VT 105 APPROACH TO VT 207	1.332	2.303	16900	18000	1800	1900	1,676,000	3,933,000
VT 207 TO JEWETT ROAD	2.303	2.800	7200	8400	800	920	2,048,000	4,797,000
JEWETT ROAD TO WOODS HILL ROAD (SWANTON)	2.800	3.416	4800	5600	550	630	1,366,000	3,198,000
WOODS HILL ROAD TO END OF PROJECT	3.416	5.096	5300	5600	570	600	1,629,000	3,725,000

### INDEX OF SHEETS

47	TITLE SHEET
48-50	PROJECT TYPICALS & PAVEMENT DETAIL SHEETS
51	VEHICLE DETECTOR LOOP SHEET
52	DITCH CLEANING DETAIL SHEET
53-55	QUANTITY SHEETS
56	ITEM DETAIL SUMMARY SHEET
57-85	LAYOUT SHEETS
86-88	TRAFFIC SIGN SUMMARY SHEETS
89	CONSTRUCTION APPROACH SIGNING & UTILITY AND STRUCTURE LOCATIONS SHEET

### VTrans STANDARDS

E-100M	CONSTRUCTION APPROACH SIGNS	06-13-97
E-101M	CONSTRUCTION SIGN DETAILS	05-30-03
E-102M	CONSTRUCTION SIGN DETAILS	06-30-03
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-103M	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	09-24-98
E-106M	TRAFFIC CONTROL MISCELLANEOUS DETAILS	06-13-97
E-107M	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-30-03
E-107AM	BREAKAWAY BARRICADE DETAILS	06-13-97
E-108M	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06-13-97
E-110M	MAJOR MAINTENANCE OPERATION LANE CLOSURE	06-13-97
E-120M	STANDARD SIGN PLACEMENT EXPRESSWAY & FREEWAY	06-13-97
E-121M	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	06-13-97
E-141M	REGULATORY SIGN DETAILS	06-13-97
E-143M	REGULATORY SIGN DETAILS	06-13-97
E-144M	REGULATORY SIGN DETAILS	03-29-99
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-164M	SQUARE STEEL SIGN POST	06-13-97
E-172M	VEHICLE DETECTOR LOOP DETAILS	06-13-97
E-173M	PULLBOXES AND JUNCTION BOXES	06-13-97
E-190M	RAILROAD CROSSING SIGNS AND PAVEMENT MARKINGS	06-30-03
E-191M	PAVEMENT MARKING DETAILS	02-01-99
E-192M	PAVEMENT MARKING DETAILS	12-28-98
E-193M	PAVEMENT MARKING DETAILS	06-13-97
G-1M	STEEL BEAM GUARD RAIL	01-03-00
G-1dM	STEEL BEAM GUARD RAIL	01-03-00
G-19M	GENERIC PLANS FOR GUARD RAIL END TERMINALS	11-15-02
J-3M	MAILBOX SUPPORT DETAIL (SINGLE AND MULTIPLE SUPPORT)	06-13-97

**END STP 2335(1)S  
U.S. ROUTE 7  
SWANTON  
STA. 8+154.55 (MM 5.067)**

**RESUME STP 2335(1)S  
U.S. ROUTE 7  
ST. ALBANS TOWN  
STA. 3+514.81 (MM 2.184)**

**STOP STP 2335(1)S  
U.S. ROUTE 7  
ST. ALBANS TOWN  
STA. 3+213.86 (MM 1.997)**

**BEGIN STP 2335(1)S  
U.S. ROUTE 7  
ST. ALBANS TOWN  
STA. 1+881.32 (MM 1.169)**

### CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

### UTILITY LEGEND

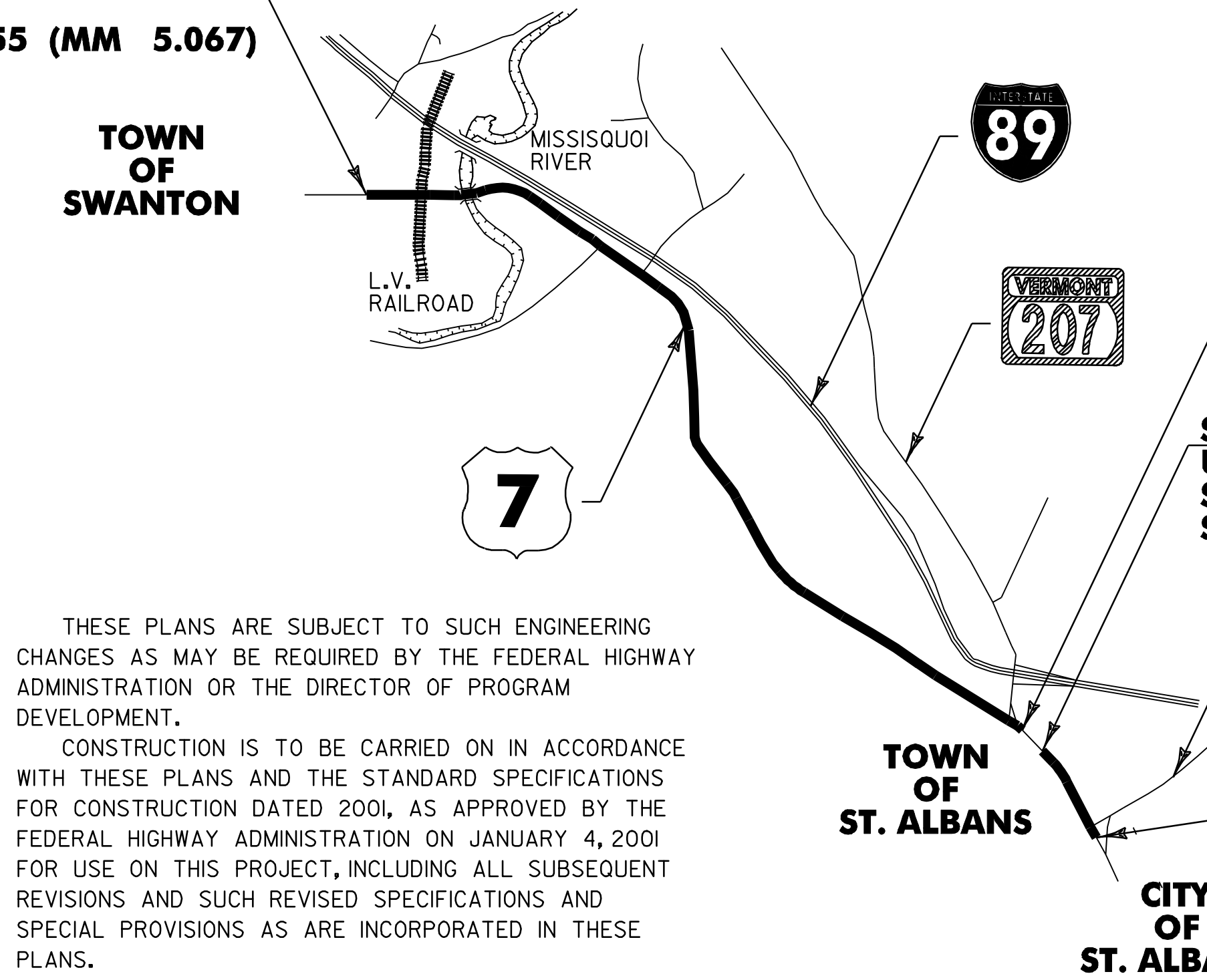
	= EXISTING HYDRANT
	= EXISTING DI
	= EXISTING MANHOLE
	= EXISTING TELEPHONE MANHOLE
	= EXISTING ELECTRIC MANHOLE
	= EXISTING SEWER MANHOLE
	= EXISTING WATER SHUTOFF
	= EXISTING GAS SHUTOFF
	= EXISTING MAILBOX

### SIGN LEGEND

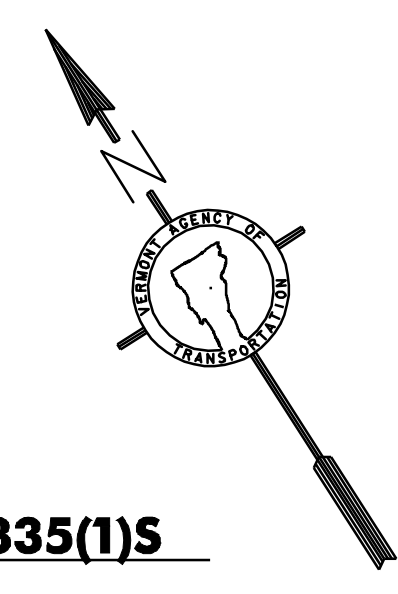
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE SIGN
RET	= RETAIN
B-B	= BACK TO BACK

SURVEYED BY : DH  
SURVEYED DATE : 10-01-01

DATUM  
VERTICAL  
HORIZONTAL



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 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.



NOTE:  
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 PURPOSES.

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

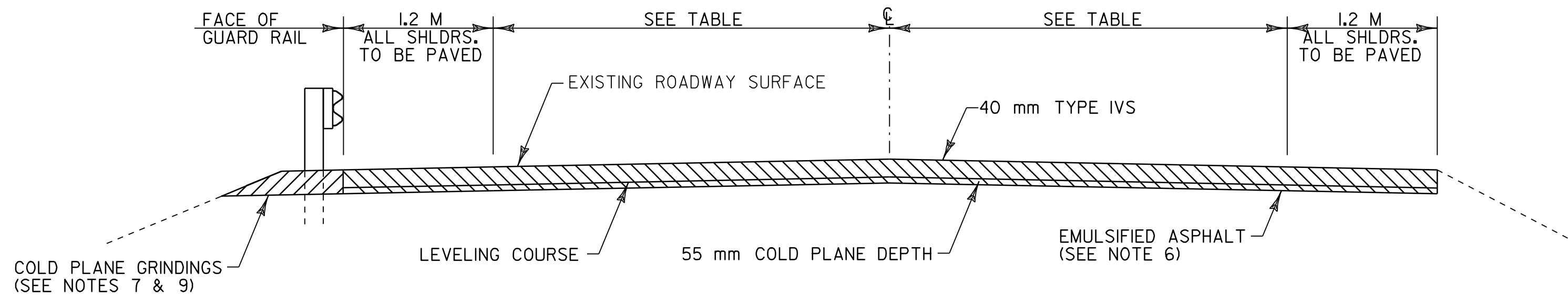


STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____
DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE _____
PROJECT MANAGER :
PROJECT NAME : ST. ALBANS - SWANTON
PROJECT NUMBER : STP 2335(1)S
SHEET 47 OF 89 SHEETS

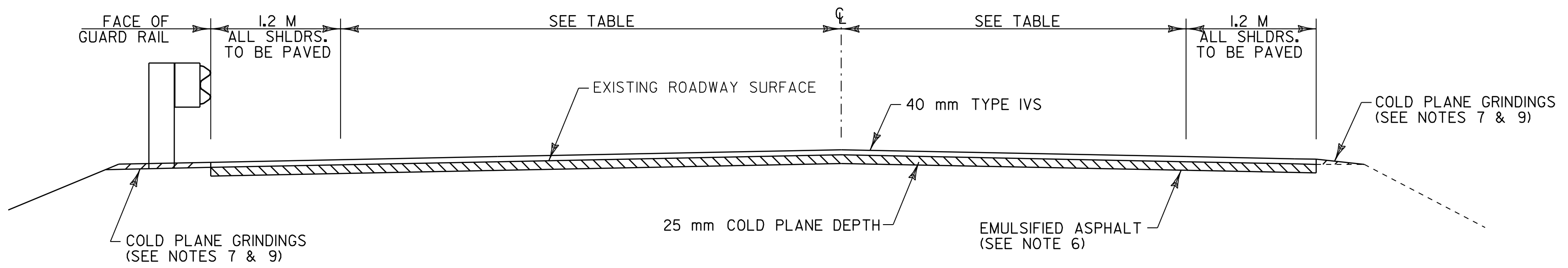


FILE NAME: /pave/01c016/p01c016.dgn  
IPARM FILE NAME : p01c016ts.i



**55 mm COLD PLANE, LEVEL & OVERLAY TYPICAL SECTION**

**FULL ROADWAY WIDTH**  
 ST. ALBANS STA. 1+881.32 TO 3+213.86  
 ST. ALBANS STA. 3+775.0 TO 4+667.26  
 SWANTON STA. 0+000.00 TO 5+511.2  
 SWANTON STA. 5+512.4 TO 7+613.9  
 SWANTON STA. 7+708.7 TO 7+793.8  
 SWANTON STA. 7+804.8 TO 8+155.20



**25 mm COLD PLANE & 40 mm OVERLAY TYPICAL SECTION**

**FULL ROADWAY WIDTH**  
 ST. ALBANS STA. 3+514.81 TO 3+775.0

**PROJECT PAVING LIMITS**

NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
ST. ALBANS TOWN, U.S. ROUTE 7	1+881.32	3+213.86	VARIABLES - SEE LAYOUT SHEETS	40 mm	544	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
ST. ALBANS TOWN, U.S. ROUTE 7	3+213.86	3+514.81	(SIGNAL PROJECT)	-	-	NO COLD PLANING OR PAVING
ST. ALBANS TOWN, U.S. ROUTE 7	3+514.81	3+775.0	VARIABLES - SEE LAYOUT SHEETS	40 mm	-	COLD PLANE 25 mm, THEN OVERLAY WITH 40 mm TYPE IVS
ST. ALBANS TOWN, U.S. ROUTE 7	3+775.0	4+667.26	VARIABLES - SEE LAYOUT SHEETS	40 mm	287	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	0+000.00	5+511.2	1.2 m - 3.3 m - 3.3 m - 1.2 m	40 mm	1786	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	5+511.2	5+512.4	1.2 m - 3.3 m - 3.3 m - 1.2 m	30 mm	-	BRIDGE #177 - OVERLAY WITH 30 mm TYPE IVS
SWANTON, U.S. ROUTE 7	5+512.4	7+613.9	VARIABLES - SEE LAYOUT SHEETS	40 mm	730	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	7+613.9	7+708.7	2.7 m - 3.3 m - 3.3 m - 2.7 m	30 mm	-	BRIDGE #178 - COLD PLANE 30 mm, PAVE WITH 30 mm TYPE IVS
SWANTON, U.S. ROUTE 7	7+708.7	7+793.8	2.7 m - 3.3 m - 3.3 m - 2.7 m	40 mm	29	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS
SWANTON, U.S. ROUTE 7	7+793.8	7+804.8	(RAILROAD CROSSING)	-	-	NO COLD PLANING OR PAVING
SWANTON, U.S. ROUTE 7	7+804.8	8+155.20	VARIABLES - SEE LAYOUT SHEETS	40 mm	124	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS

**NOTES**

- THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT WEARING COURSE ON THE ROADWAY SHALL BE TYPE IVS AND THE LEVELING COURSE SHALL BE TYPE IVS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE TYPE IVS LEVELING COURSE QUANTITY IS ESTIMATED AT 15 mm. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE PROJECT, THE STOP/ RESUME AT THE SIGNAL PROJECT, THE STOP/ RESUME AT THE RR TRACKS AND ON THE TOWN HIGHWAYS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON SHEET #50.
- WHEN COLD PLANING BRIDGE NO. 178, CARE SHALL BE TAKEN TO AVOID THE EXISTING MEMBRANE.
- EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m<sup>2</sup> OR AS DIRECTED BY THE ENGINEER.
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE ENGINEER.  
  
EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR GRADER RENTAL.  
  
MATERIAL REMOVED SHALL BE REPLACED WITH COLD PLANE GRINDINGS (402.12 MOD.) AS DIRECTED BY THE RESIDENT ENGINEER.  
  
EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
- THE USE OF ITEM 203.99, SHOULDER BERM REMOVAL IS APPROPRIATE ONLY IN AREAS OF RETAINED GUARD RAIL.
- COLD PLANE GRINDINGS SHALL REMAIN THE PROPERTY OF THE STATE OF VERMONT AND SHALL BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT OVERLAY AND TO BACK UP GUARD RAIL IN ALL GUARD RAIL AREAS AS DIRECTED BY THE RESIDENT ENGINEER. THIS WILL BE PAID UNDER ITEM 402.12 (MOD.)
- AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 CUBIC METERS OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.
- ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE ITEM DETAIL SUMMARY SHEET. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVES AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- MARKER POSTS SHALL BE USED TO DELINEATE PIPE INLETS AND OUTLETS ONLY.
- DELINEATORS W/STEEL POSTS SHALL ONLY BE USED TO DELINEATE GUARDRAIL FLARED TERMINALS AS DISCUSSED ON VTRANS STANDARD G-19M.

**RURAL AREAS - SEED MIXTURE**

% WT	KG/HA	NAME	PUR %	GERM %
37.1	26.0	CREEPING RED FESCUE	98	85
37.1	26.0	TALL FESCUE	95	90
5.7	4.0	RED TOP	95	90
14.4	10.0	BIRDSFOOT TREFOIL	98	85
5.7	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

**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 560 KG/HA. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA.)

**AGRICULTURAL LIMESTONE:**  
 TO BE APPLIED AT THE RATE OF 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

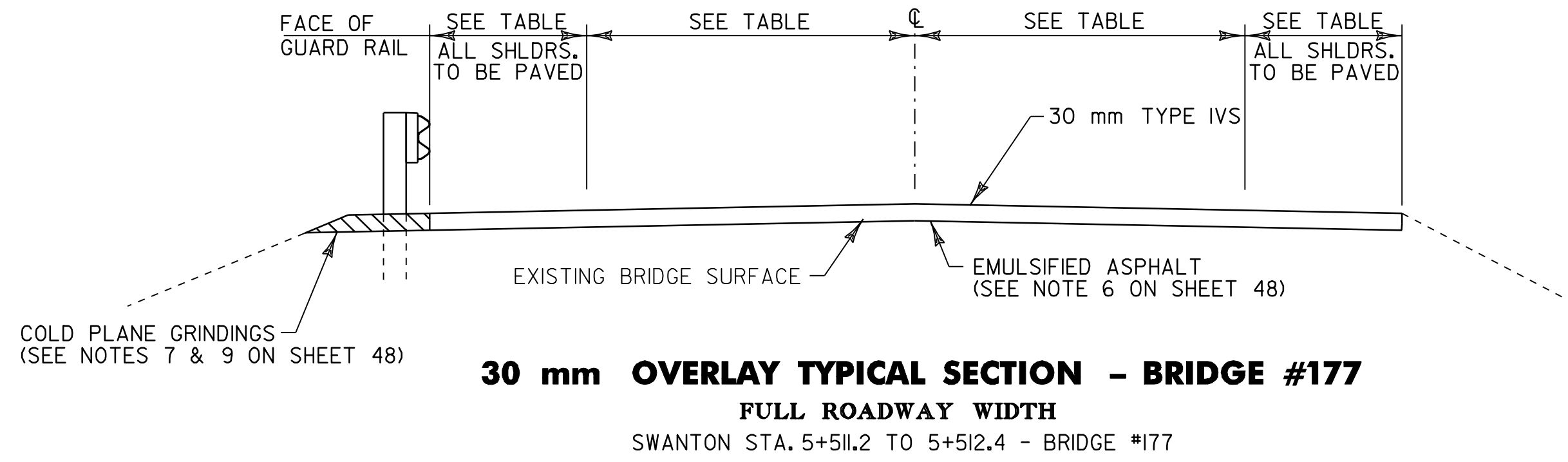
**HAY MULCH:**  
 TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

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

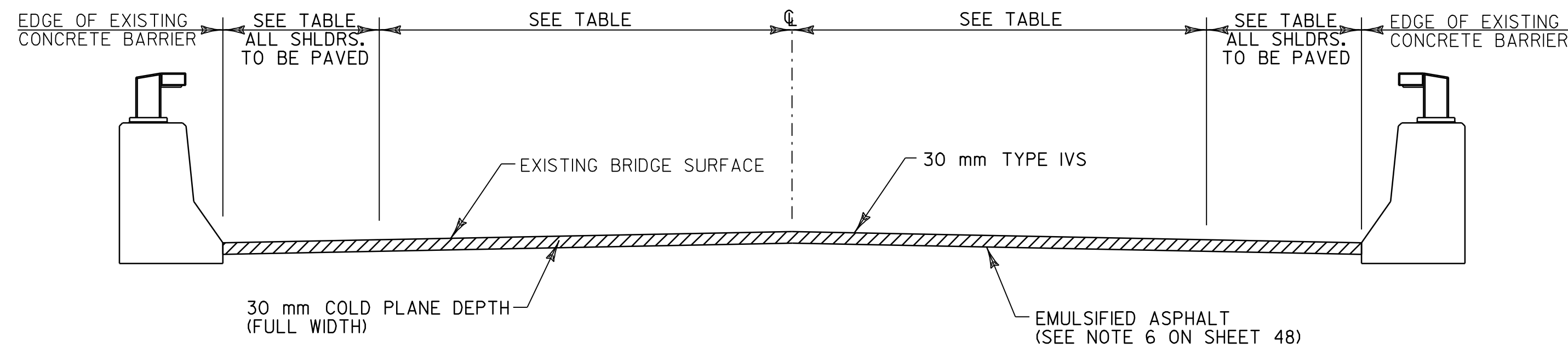
**PROJECT TYPICALS, PAVING LIMITS & NOTES**

PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 16-SEP-2005
PROJECT NUMBER: STP 2335(I)S	DRAWN BY: D-H
FILE NAME: /pave/01c016/p01c016.dgn	CHECKED BY:
PROJECT LEADER: JLL	SHEET 48 OF 89
DESIGNED BY: D-H	
IPARM FILE NAME: p01c016+ty.1	

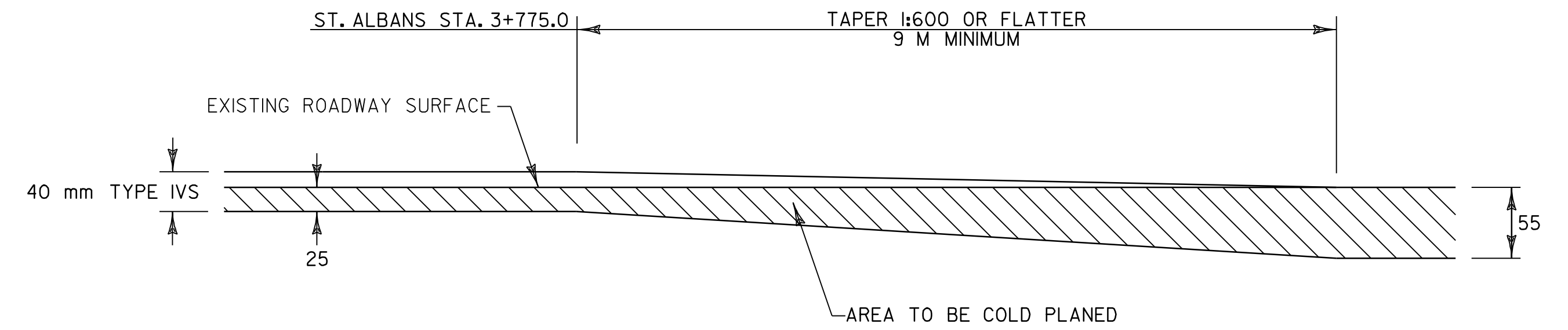




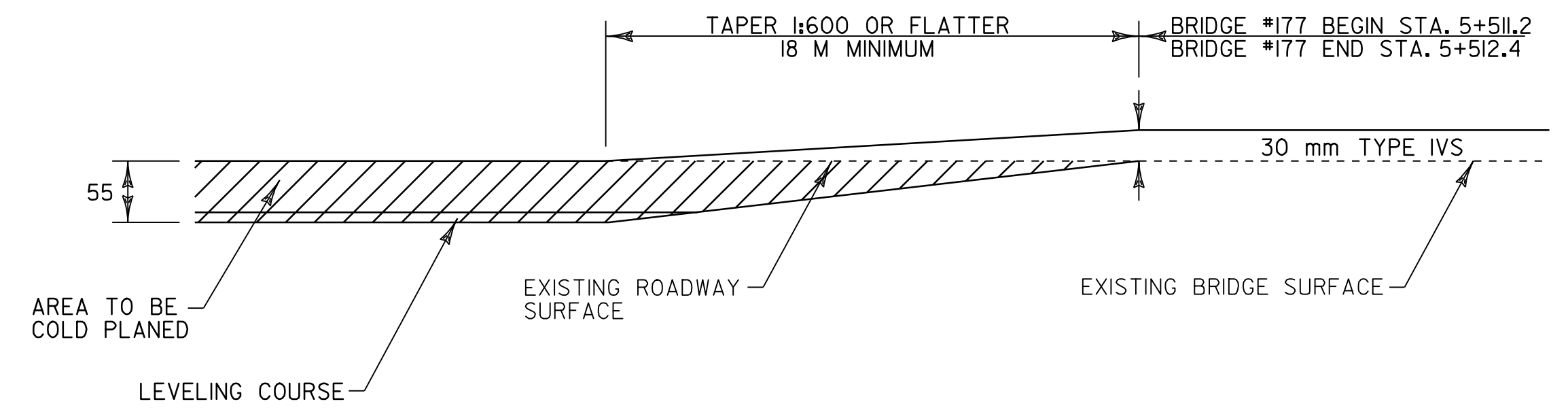
**30 mm OVERLAY TYPICAL SECTION - BRIDGE #177**  
**FULL ROADWAY WIDTH**  
 SWANTON STA. 5+511.2 TO 5+512.4 - BRIDGE #177



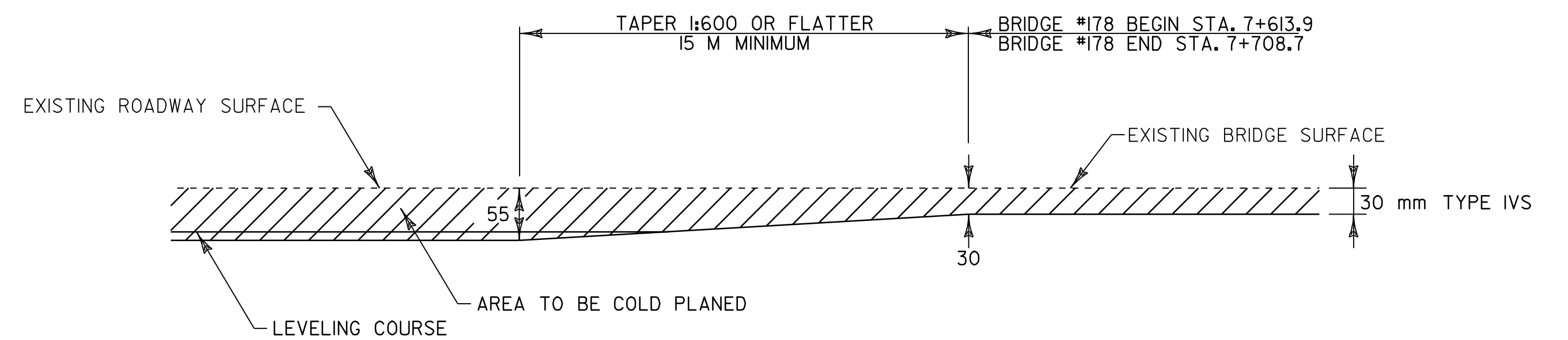
**30 mm COLD PLANE TYPICAL SECTION - BRIDGE #178**  
**FULL ROADWAY WIDTH**  
 SWANTON STA. 7+613.9 TO 7+708.7 - BRIDGE #178



**TRANSITION AREA DETAIL #1**  
**(COLD PLANE 25 mm TO COLD PLANE 55 mm)**  
 ST. ALBANS STA. 3+775.0 TO 3+784.0



**TRANSITION AREA DETAIL #2**  
**(COLD PLANE 55 mm TO OVERLAY 30 mm)**  
**FULL ROADWAY WIDTH**  
 SWANTON BRIDGE #177 STA. 5+493.2 TO 5+511.2  
 SWANTON BRIDGE #177 STA. 5+512.4 TO 5+530.4



**TRANSITION AREA DETAIL #3**  
**(COLD PLANE 55 mm TO COLD PLANE 30 mm)**  
**FULL ROADWAY WIDTH**  
 SWANTON BRIDGE #178 STA. 7+598.9 TO 7+613.9  
 SWANTON BRIDGE #178 STA. 7+708.7 TO 7+723.7

NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

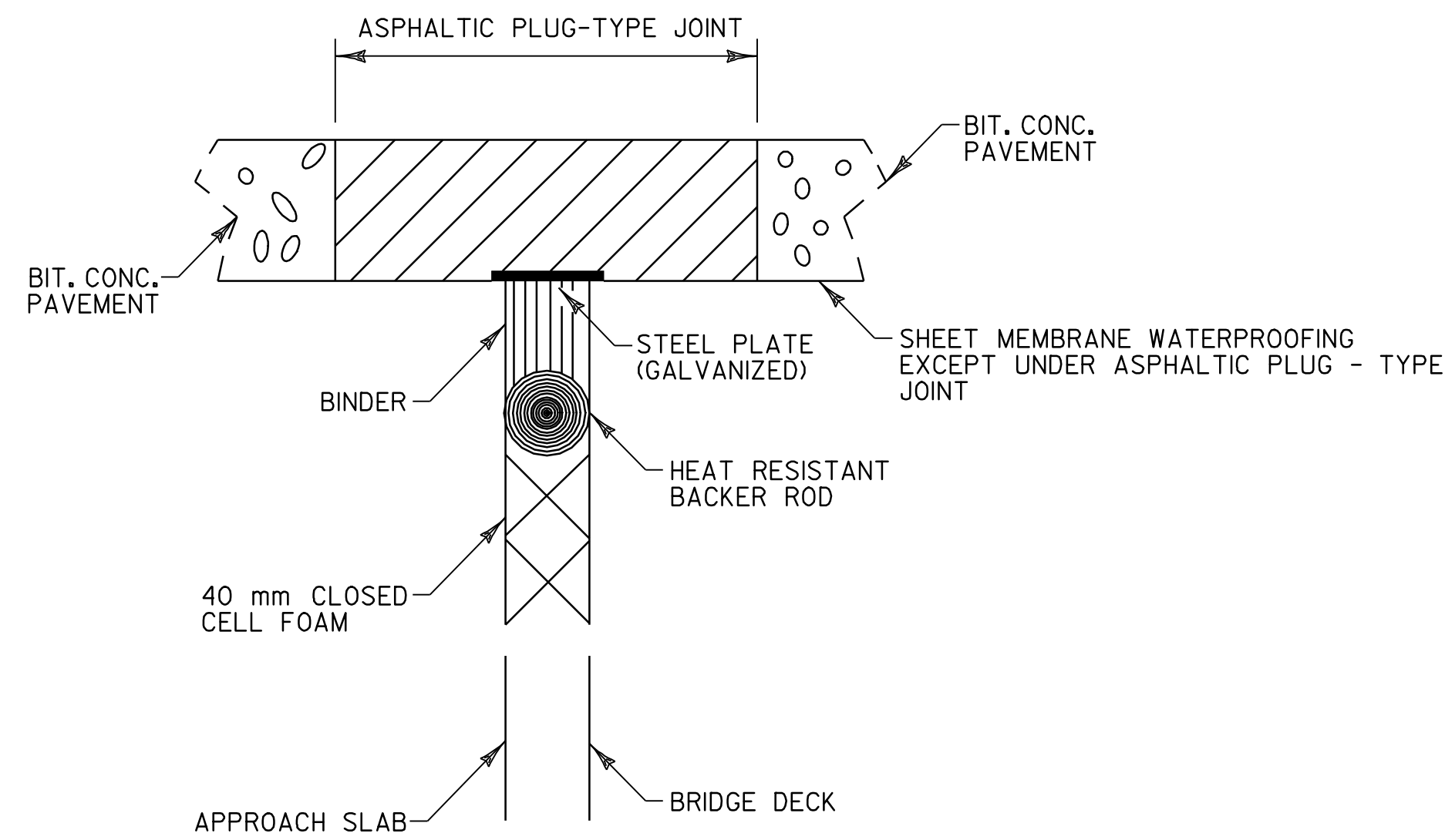
**PROJECT TYPICALS & TRANSITION DETAILS**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016pd+01.I

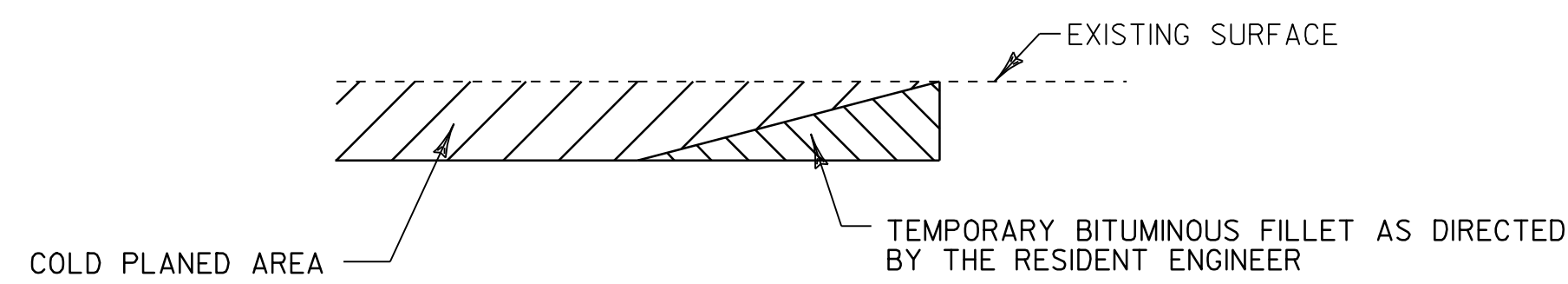
PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY:  
 SHEET 49 OF 89



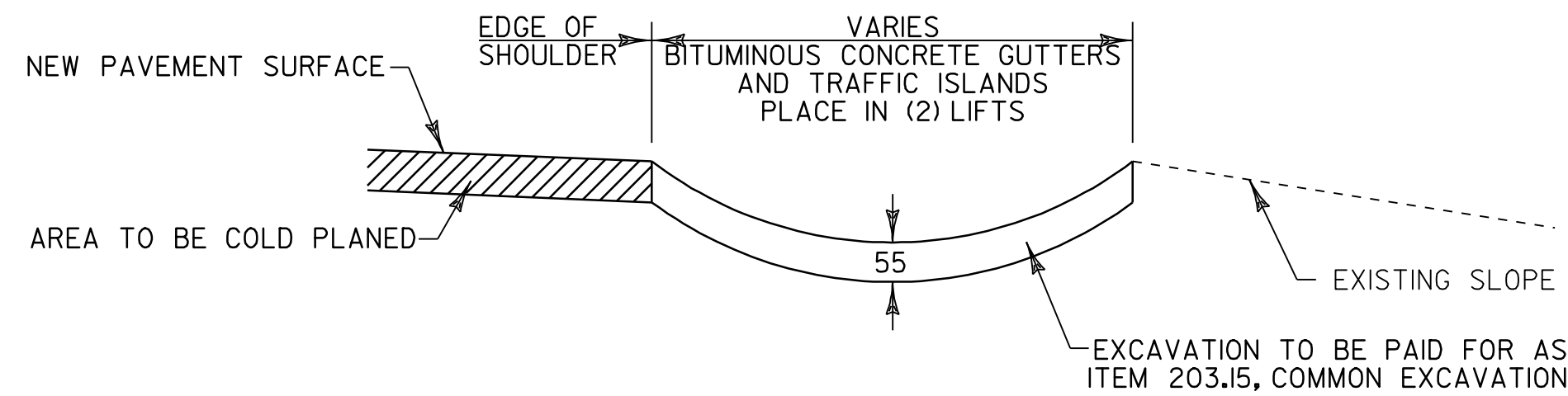


**ASPHALTIC PLUG JOINT DETAIL**

SWANTON BRIDGE #178 - STA. 7+613.9  
 SWANTON BRIDGE #178 - STA. 7+708.7

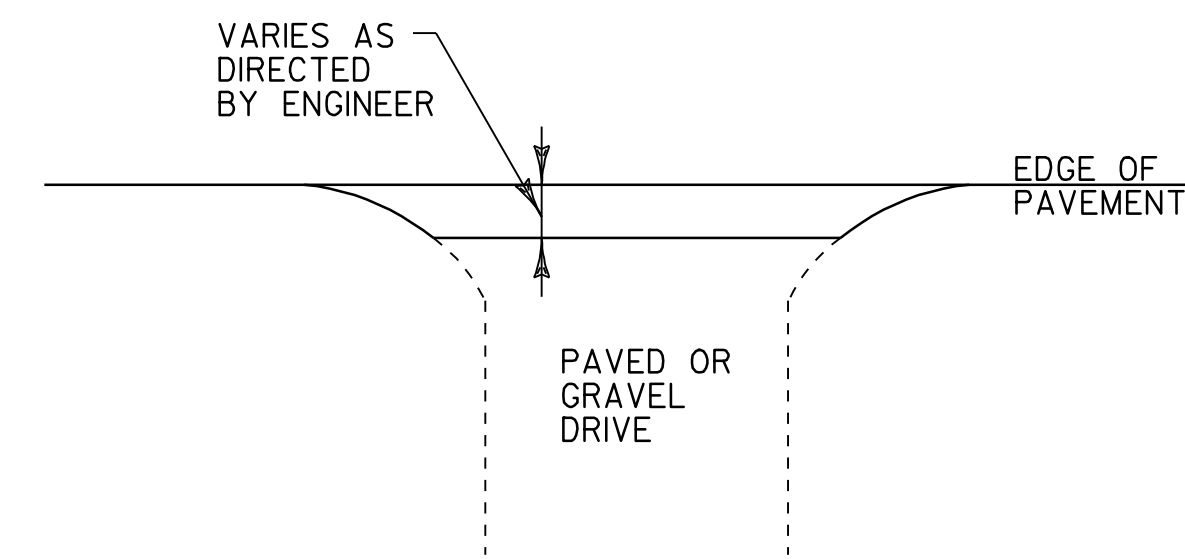


**DETAIL AT VERTICAL COLD PLANE JOINTS**

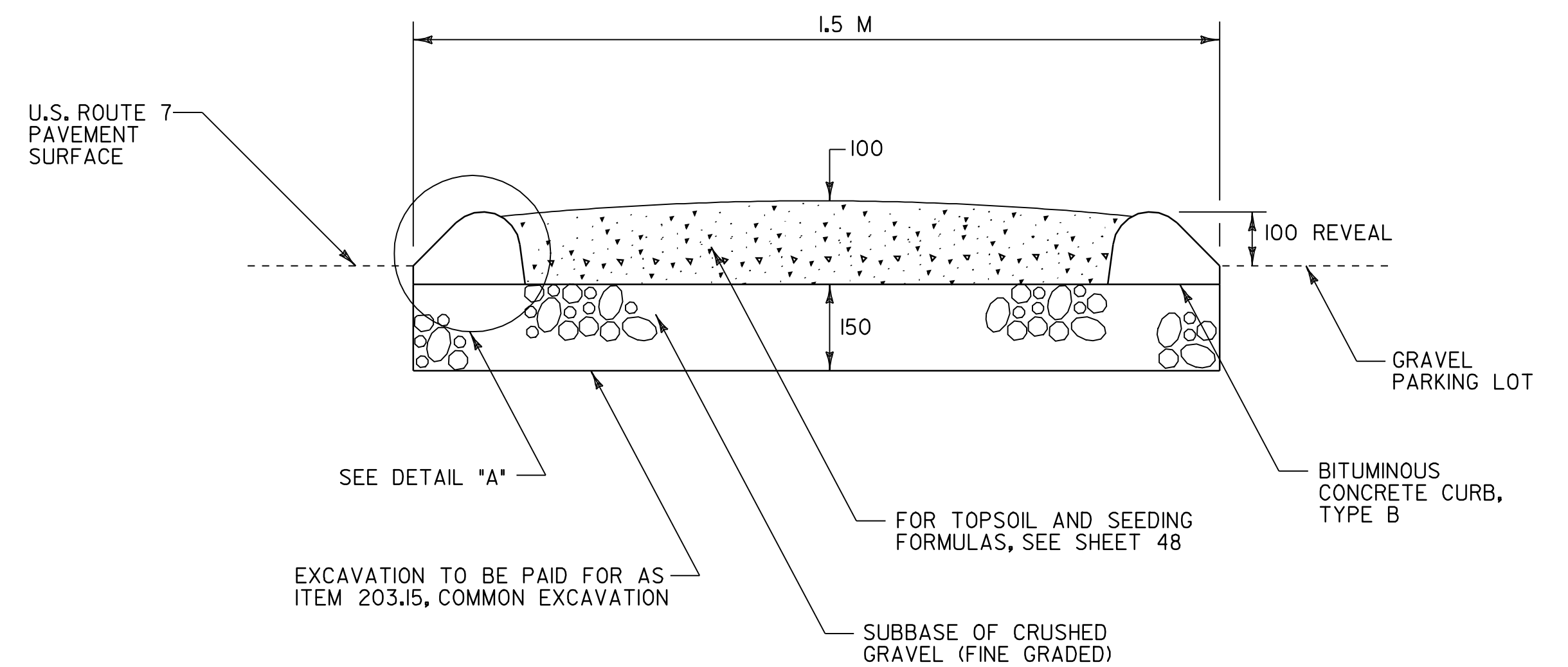


**BITUMINOUS CONCRETE GUTTER DETAIL**

ST. ALBANS TOWN STA. 1+947.2 TO 2+091.5, RT. (1.0 m WIDE)  
 ST. ALBANS TOWN STA. 2+640.0 TO 2+803.0, RT. (3.0 m WIDE)  
 ST. ALBANS TOWN STA. 4+171.0 TO 4+240.0, RT. (1.0 m WIDE)

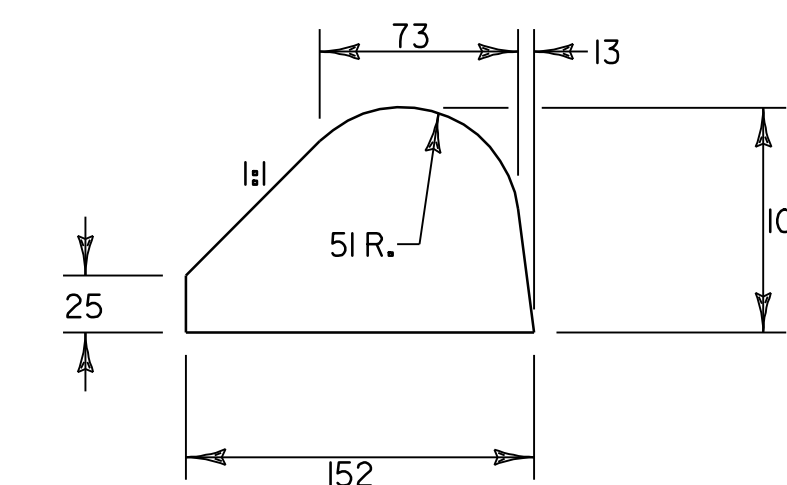


**PAVING LIMITS FOR DRIVES**



**ISLAND DETAIL**

ST. ALBANS TOWN STA. 1+927.0 TO 1+945.0, RT.



**DETAIL "A"**

**PAVEMENT & ISLAND DETAILS**

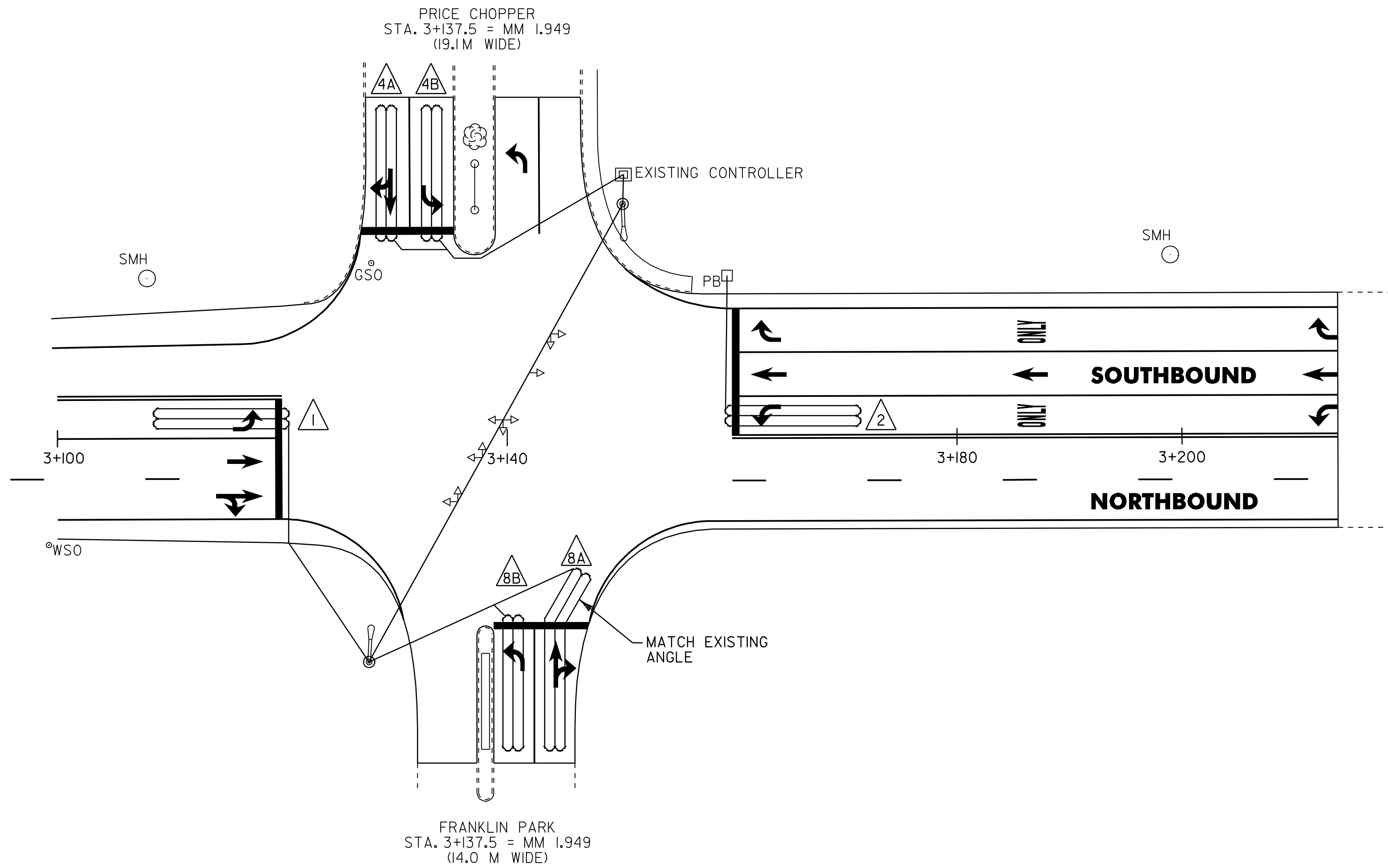
PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(1)S  
 FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: pc016pd+02.1  
 PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY:  
 SHEET 50 OF 89

NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.



### U.S. ROUTE 7 /PRICE CHOPPER /FRANKLIN PARK INTERSECTION VEHICLE DETECTOR LOOPS

LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE (µH)		RESISTANCE (OHMS)		LEAKAGE TO GROUND (MEGOHMS)	LOCKING MEMORY
							CALC.	ACT.	CALC.	ACT.		
U.S. ROUTE 7 - 4	1	NB - LEFT ONLY		1.8 X 12.0	QUAD - 2	PRESENCE	405		1.472			ON
U.S. ROUTE 7 - 4	2	SB - LEFT ONLY		1.8 X 12.0	QUAD - 2	PRESENCE	344		0.686			ON
U.S. ROUTE 7 - 4	4A	RIGHT AND THRU (PRICE CHOPPER)		1.8 X 12.0	QUAD - 2	PRESENCE	353		0.803			OFF
U.S. ROUTE 7 - 4	4B	LEFT ONLY (PRICE CHOPPER)		1.8 X 12.0	QUAD - 2	PRESENCE	350		0.760			ON
U.S. ROUTE 7 - 4	8A	RIGHT AND THRU (FRANKLIN PARK)		1.8 X 16.5	QUAD - 2	PRESENCE	211		1.262			OFF
U.S. ROUTE 7 - 4	8B	LEFT ONLY (FRANKLIN PARK)		1.8 X 12.0	QUAD - 2	PRESENCE	399		1.387			ON

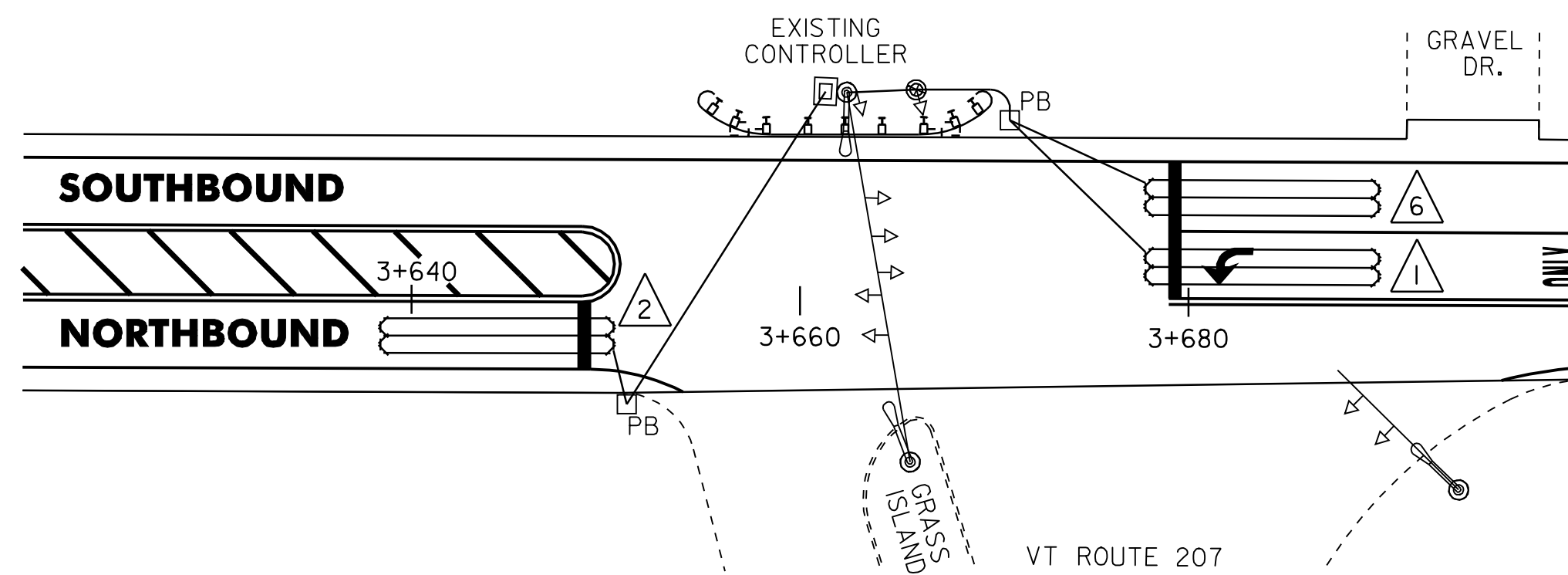


**NOTES:**

1. THIS PLAN SHEET SHALL ONLY BE USED AS A GUIDE FOR LOOP AND JUNCTION BOX PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. LOOPS ARE TO BE TERMINATED AT THE CONTROLLER WITH A 1M SLACK PER LOOP WIRE.
3. ALL BITUMINOUS AREAS TO RECEIVE NEW VEHICLE DETECTOR LOOPS SHALL BE LEVELED WITH TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO THE INSTALLATION OF THE NEW DETECTOR LOOPS. LOOPS SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF THE WEARING COURSE.
4. IF WATER VALVES, DROP INLETS OR OTHER OBSTRUCTIONS ARE ENCOUNTERED WITHIN THE AREA OF A PROPOSED LOOP, THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID THE OBSTRUCTION DURING LOOP INSTALLATION. IF LOOP SIZES OR SHAPES ARE TO BE MODIFIED DUE TO OBSTRUCTIONS THE RESIDENT ENGINEER MUST APPROVE LAYOUT PRIOR TO INSTALLATION.
5. AFTER THE NEW LOOPS ARE INSTALLED, THE INDUCTANCE, RESISTANCE AND LEAKAGE TO GROUND SHALL BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES AND RECORDED ON THE PLANS. ALL LOAD TESTING SHALL BE PERFORMED AS PER VTrans STANDARD E-172M.
6. CALCULATED VALUES AT THE JUNCTION BOXES ARE BASED ON DIRECT CONDUIT ROUTING AS SHOWN ON THIS SHEET. ANY JUNCTION BOX MODIFICATION AND/OR RELOCATION PRIOR TO LOOP CONNECTION WILL REQUIRE RECALCULATION OF THESE VALUES.
7. ALL WORK SHALL BE SUBSIDIARY TO ITEM 678.22, VEHICLE DETECTOR LOOP. FOR ADDITIONAL DETAILS SEE VTrans STANDARDS E-172M & E-173M.
8. ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

### U.S. ROUTE 7/VT ROUTE 207 INTERSECTION VEHICLE DETECTOR LOOPS

LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE (µH)		RESISTANCE (OHMS)		LEAKAGE TO GROUND (MEGOHMS)	LOCKING MEMORY
							CALC.	ACT.	CALC.	ACT.		
U.S. ROUTE 7 - 5	1	SB - LEFT ONLY		1.8 X 12.0	QUAD - 2	PRESENCE	350		0.760			ON
U.S. ROUTE 7 - 5	2	NB - RIGHT AND THRU		1.8 X 12.0	QUAD - 2	PRESENCE	355		0.824			OFF
U.S. ROUTE 7 - 5	6	SB - THRU		1.8 X 12.0	QUAD - 2	PRESENCE	348		0.739			ON



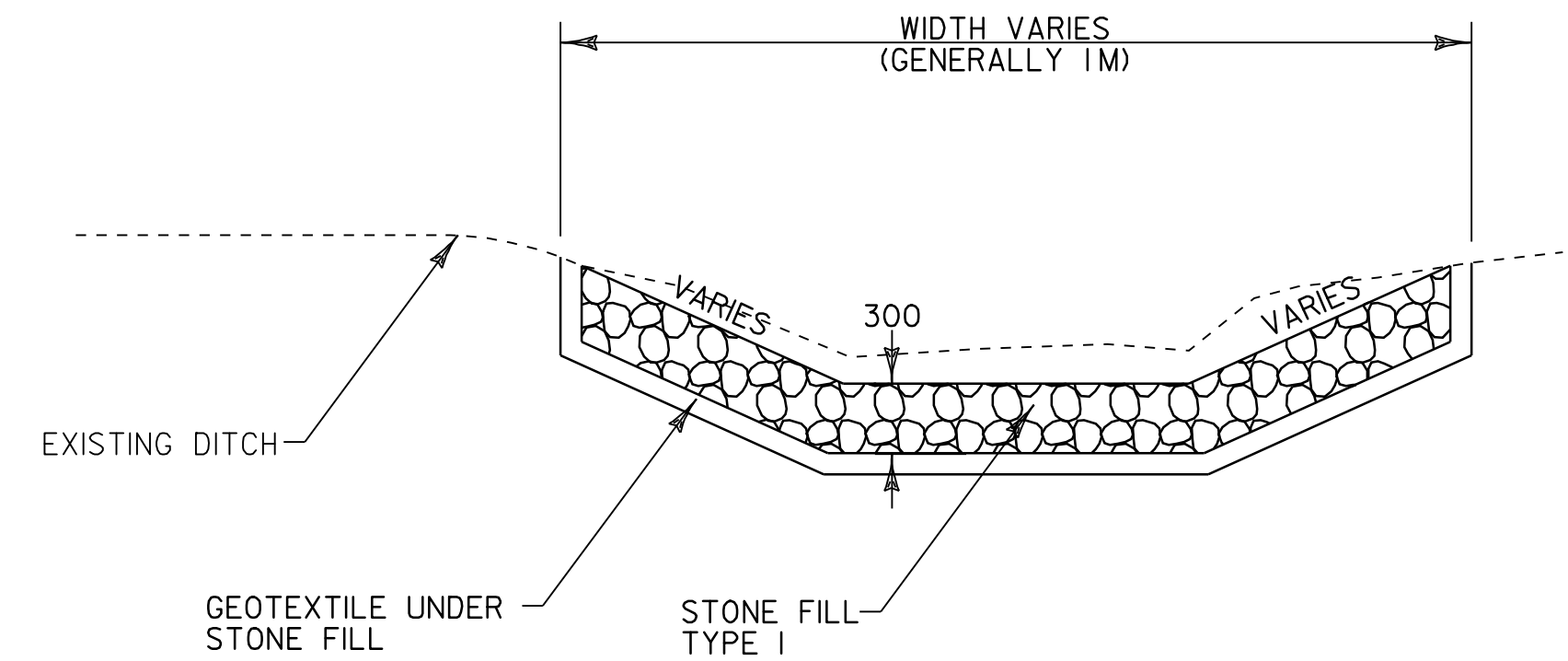
EXISTING	NEW	LEGEND
		UTILITY POLE
		LUMINAIRE
		LIGHT OR WOOD POLE
		STRAIN POLE
		CONTROLLER CABINET
		PULLBOX/JUNCTION BOX
		SIGNAL HEAD
		CONDUIT
		VEHICLE LOOPS
		PEDESTAL POST
		STANCHION
		SWEEP
		LOOP NUMBER



<b>VEHICLE DETECTOR LOOP LAYOUT</b>	PROJECT NAME: ST. ALBANS - SWANTON	
	PROJECT NUMBER: STP 2335(I)S	
	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
DESIGNED BY: D-H	DRAWN BY: D-H	CHECKED BY: D-H
IPARM FILE NAME: p01c016pd+03.1		SHEET 51 OF 89

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			613.10	649.31	654.10	
				0-2	2-5	>5	STONE FILL TYP. I	GEOT. UNDER STONE FILL	EROS. MATT.	
U.S. ROUTE 7, ST. ALBANS							m <sup>3</sup>	m <sup>2</sup>	m <sup>2</sup>	
DISTRICT #8										
<b>ST. ALBANS</b>										
2	2+165.0	2+610.0	RT	445					1068	CLEAN OUT (2.4 M WIDE)
4	2+875.0	3+030.4	RT	155					155	CLEAN OUT (1.0 M WIDE)
<b>SWANTON</b>										
5	1+163.5	1+293.0	RT	130					389	CLEAN OUT (3.0 M WIDE)
6	1+300.0	1+332.0	RT	32					96	CLEAN OUT (3.0 M WIDE)
	1+346.0	1+470.0	RT	124					372	CLEAN OUT (3.0 M WIDE)
7	2+274.0	2+328.0	LT	54	16	87				CLEAN OUT (1.0 M WIDE)
	2+332.0	2+362.5	LT	31	9	50				CLEAN OUT (1.0 M WIDE)
8	5+730.9	5+832.3	RT	101					101	CLEAN OUT & DISTRICT LOWER CULVERT ON SOUTH END (1.0 M WIDE)
*FOR TOTALS SEE THE ITEM DETAIL SUMMARY SHEET										
PROJECT SUBTOTALS (EST.)				987	85	25	137	2181		
ROUNDING				-	-			44		
PROJECT TOTALS				987	85	*	*	2225		

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			613.10	649.31	654.10	
				0-2	2-5	>5	STONE FILL TYP. I	GEOT. UNDER STONE FILL	EROS. MATT.	
U.S. ROUTE 7, ST. ALBANS							m <sup>3</sup>	m <sup>2</sup>	m <sup>2</sup>	
DISTRICT #8										
<b>ST. ALBANS</b>										
2	2+165.0	2+610.0	RT	445					1068	CLEAN OUT (2.4 M WIDE)
4	2+875.0	3+030.4	RT	155					155	CLEAN OUT (1.0 M WIDE)
<b>SWANTON</b>										
5	1+163.5	1+293.0	RT	130					389	CLEAN OUT (3.0 M WIDE)
6	1+300.0	1+332.0	RT	32					96	CLEAN OUT (3.0 M WIDE)
	1+346.0	1+470.0	RT	124					372	CLEAN OUT (3.0 M WIDE)
7	2+274.0	2+328.0	LT	54	16	87				CLEAN OUT (1.0 M WIDE)
	2+332.0	2+362.5	LT	31	9	50				CLEAN OUT (1.0 M WIDE)
8	5+730.9	5+832.3	RT	101					101	CLEAN OUT & DISTRICT LOWER CULVERT ON SOUTH END (1.0 M WIDE)



**DITCH DETAIL**

**NOTES:**

- PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
- AN ESTIMATED QUANTITY OF EROSION MATTING AND STONE FILL TYPE I HAS BEEN INCLUDED. EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2 AND 5 PERCENT AND STONE FILL (TYPE I) SHALL BE USED IN ALL DITCHES WITH A GRADE GREATER THAN 5 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER.



<b>DITCH CLEANING DETAIL SHEET</b>	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: STP 2335(I)S
	FILE NAME: /pave/01c016/p01c016.dgn
	PLOT DATE: 16-SEP-2005
PROJECT LEADER: JLL	DRAWN BY: D-H
DESIGNED BY: D-H	CHECKED BY:
IPARM FILE NAME: p01c016dd.1	SHEET 52 OF 89







STATION		POS.	203.15	203.30	203.99	301.28	402.12	613.10	616.31	616.41	616.47	617.10	619.17	621.20	621.20	621.505	621.60	621.75	621.76	621.77	621.80	629.20	649.31	676.10	REMARKS		
BEGIN	END		COMMON EXCAV. m³	EARTH BORROW m³	SHLDR. BERM. REM. M	SUB. OF CR. GRAVEL T	AGGR. SHOUL. (MOD.) T	STONE FILL TYPE m³	BIT. CONC. CURB TYPE B T	REMOVAL OF EXIST. CURB M	BIT. CONC. GUTTERS T	RELOCATE MAIL BOX SING. SUPP. EA	YIELDING MARKER POSTS EA	STEEL BEAM G.R. M	STEEL BEAM G.R. W/2.4 POSTS (MOD.) M	MAN. TERMINAL SECTION (FLARED) EA	ANCHOR FOR STEEL BEAM RAIL EA	REMOVING AND RESET G.R. M	REPLACE G.R. POST ASSEMBLY EA	REPLACE G.R. BEAM UNIT EA	REMOVAL AND DISPOSAL OF G.R. M	ADJUST ELEVATION OF VALVE BOXES EA	GEOTEXTILE UNDER STONE FILL m²	DELINEATORS WITH STEEL POSTS EA			
<b>ST. ALBANS TOWN</b>																											
1+882.00	4+668.30	LT & RT				98.9	629						16									2				FOR VALVE BOX LOCATIONS, SEE SHEET 89. THE OTHER QUANTITIES LISTED ARE PROVIDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER.	
1+927.0	1+945.0	RT	4.8			9.6			0.9	2.4																CONSTRUCT ISLAND. FOR DETAILS, SEE SHEET 50.	
1+947.2	2+091.5	RT	7.9								18.8															FOR GUTTER DETAIL, SEE SHEET 50.	
2+640.0	2+803.0	RT	26.9								63.7															FOR GUTTER DETAIL, SEE SHEET 50.	
3+655.0	3+670.2	LT		40			10							15.2			2					11.4		1		INSTALL NEW STEEL BEAM GUARD RAIL WITH NEW ANCHORS AT STA. 3+658.1 & 3+666.5, LT.	
4+171.0	4+240.0	RT	3.8													9										FOR GUTTER DETAIL, SEE SHEET 50.	
4+535.0	4+633.8	LT		40			10							7.6			2					96.5		1		INSTALL NEW STEEL BEAM GUARD RAIL; INSTALL NEW MTS (FLARED) AT STA. 4+535.0 & 4+622.4, LT.	
4+554.3	4+630.3	RT		40			10							53.2			2					76.5		1		INSTALL NEW STEEL BEAM GUARD RAIL; INSTALL NEW MTS (FLARED) AT STA. 4+535.0 & 4+622.4, LT.	
<b>SWANTON</b>																											
0+000.0	8+155.20	LT & RT				95.1	2084						38					97	21	11						THE QUANTITIES LISTED ARE PROVIDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER.	
1+620.5	2+068.9	LT		40			10	3				2			425.6	2						445.1	15	1		INSTALL NEW STEEL BEAM GUARD RAIL W/ 2.4 M POSTS (MOD.); INSTALL NEW MTS (FLARED) AT STA. 1+620.5 & 2+057.5, LT; RELOCATE TWO MAILBOXES AT STA. 1+710.0 & 1+884.7, LT; STONE FILL, TYPE I FOR EROSION REPAIR - FOR DETAILS, SEE LAYOUT #69.	
7+764.6	7+776.0	LT		20			5										1					11.4		1		REPLACE EXISTING END TREATMENT WITH AN MTS (FLARED)	
7+796.2	7+800.0	RT		40			10							3.8			2					3.8				REPLACE EXISTING GUARD RAIL WITH NEW STEEL BEAM RAIL AND NEW ANCHOR AT STA. 7+796.2, RT.	
7+800.0	7+807.6	LT		40			10							7.6			2					7.6		1		INSTALL NEW STEEL BEAM GUARD RAIL WITH NEW ANCHORS AT STA. 7+803.8, LT. (2)	
FROM DITCHING								25															137			FOR LOCATIONS, SEE DITCH CLEANING DETAIL SHEET 52.	
<b>SUBTOTALS</b>																											
			43.4	260	95.1	108.5	2778	28	0.9	2.4	91.5	2	54	87.4	425.6	7	6	97	21	11	652.3	2	152	6			
<b>ROUNDING</b>																											
			1.6	-	1.9	2.5	52	1	0.1	0.6	2.5	-	-	2.6	4.4	-	-	-	-	-	-	7.7	-	3	-		
<b>TOTALS</b>																											
			45	260	97	111	2830	29	1	3	94	2	54	90	430	7	6	97	21	11	660	2	155	6			

PROJECT NAME: ST. ALBANS - SWANTON  
PROJECT NUMBER: STP 2335(I)S  
FILE NAME: /pave/01c016/p01c016.dgn PLOT DATE: 16-SEP-2005  
PROJECT LEADER: JLL DRAWN BY: D-H  
DESIGNED BY: D-H CHECKED BY: D-H  
IPARM FILE NAME: p01c016d1.i SHEET 56 OF 89

**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. 1+881.32 TO 2+220.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAK FOR SEYMOUR RD.)  
 STA. 2+143.6, DOUBLE SOLID RT.  
 (SEYMOUR RD. EDGELINES)

**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. 1+881.32 TO 2+220.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAK FOR SEYMOUR RD.)  
 STA. 2+143.6, DOUBLE SOLID RT.  
 (SEYMOUR RD. CENTERLINE)

**TEMPORARY & DURABLE 600 mm STOP BAR**  
 STA. 2+143.6, RT.  
 (SEYMOUR RD.)

**BITUMINOUS CONCRETE CURB, TYPE B**  
 STA. 1+927.0 TO 1+945.0, RT.  
 (FOR DETAILS, SEE SHEET 50)

**TEMPORARY & DURABLE LETTER OR SYMBOL**  
 STA. 2+143.6, RT. - **STOP**

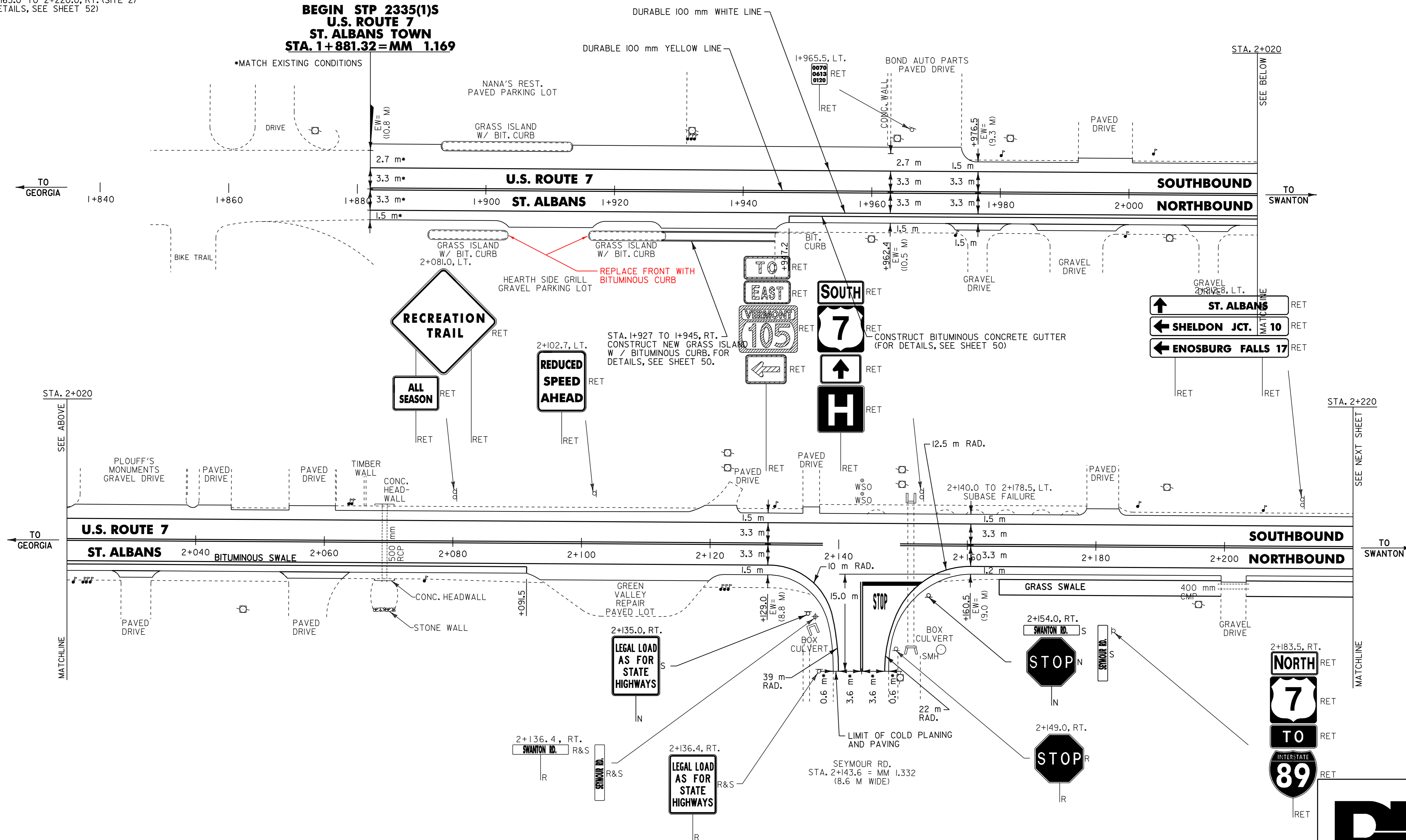
**ERECTING SALVAGED SIGNS**  
 AS SHOWN - 3

**REMOVING SIGNS**  
 AS SHOWN - 4



**DITCH CLEANING**  
 STA. 2+165.0 TO 2+220.0, RT. (SITE 2)  
 (FOR DETAILS, SEE SHEET 52)

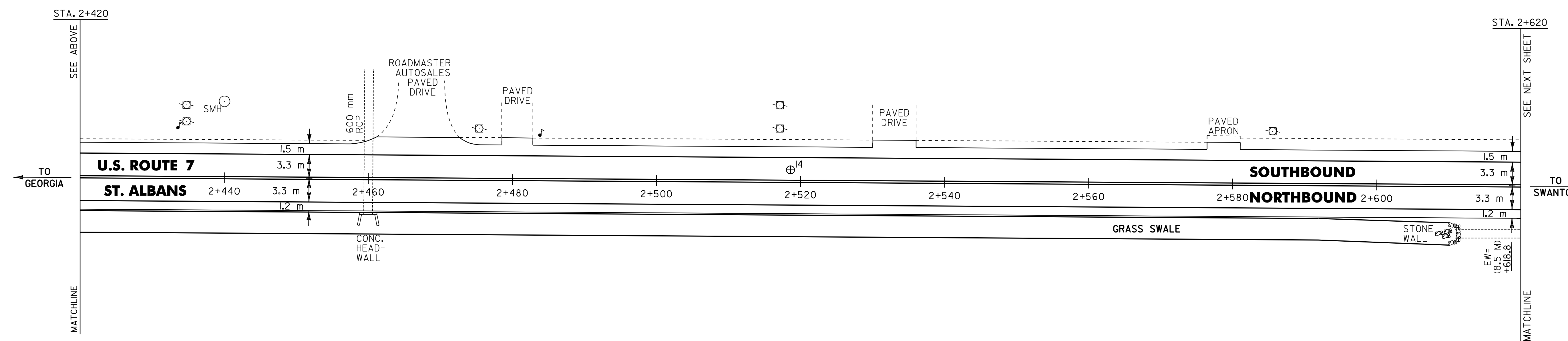
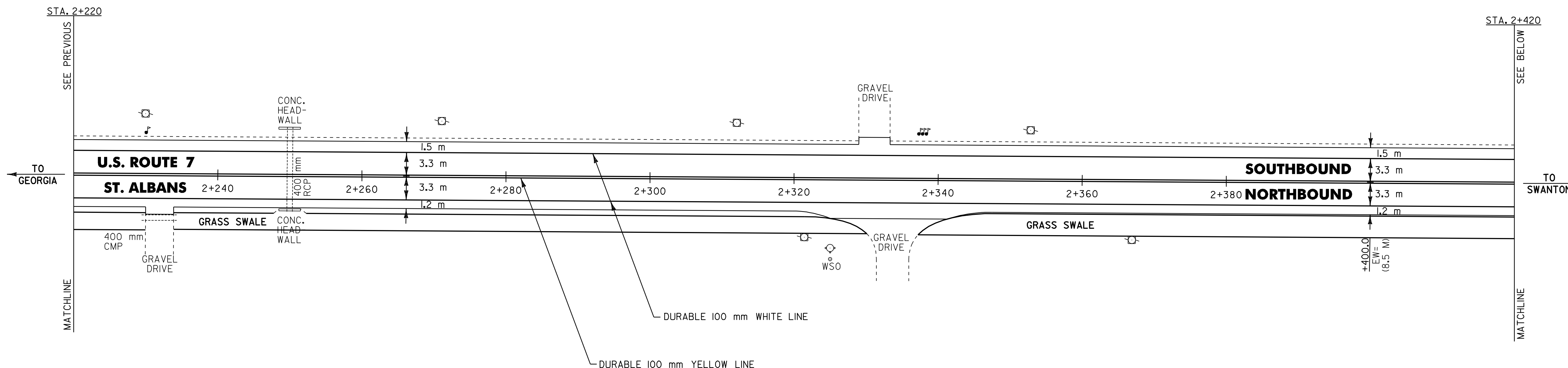
**BEGIN STP 2335(1)S**  
**U.S. ROUTE 7**  
**ST. ALBANS TOWN**  
**STA. 1+881.32 = MM 1.169**



NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #1</b>	PROJECT NAME: <u>ST. ALBANS - SWANTON</u>	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005 13:19
	PROJECT NUMBER: <u>STP_2335(1)S</u>	PROJECT LEADER: JLL	DRAWN BY: Q:H
		DESIGNED BY: Q:H	CHECKED BY: Q:H
		IPARM FILE NAME: p01c016i01.i	SHEET <u>57</u> OF <u>89</u>





⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
14	2+518.6, LT.	127	YES

NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.

4) EW = EXISTING ROADWAY WIDTH.

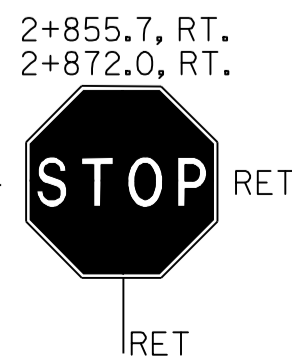
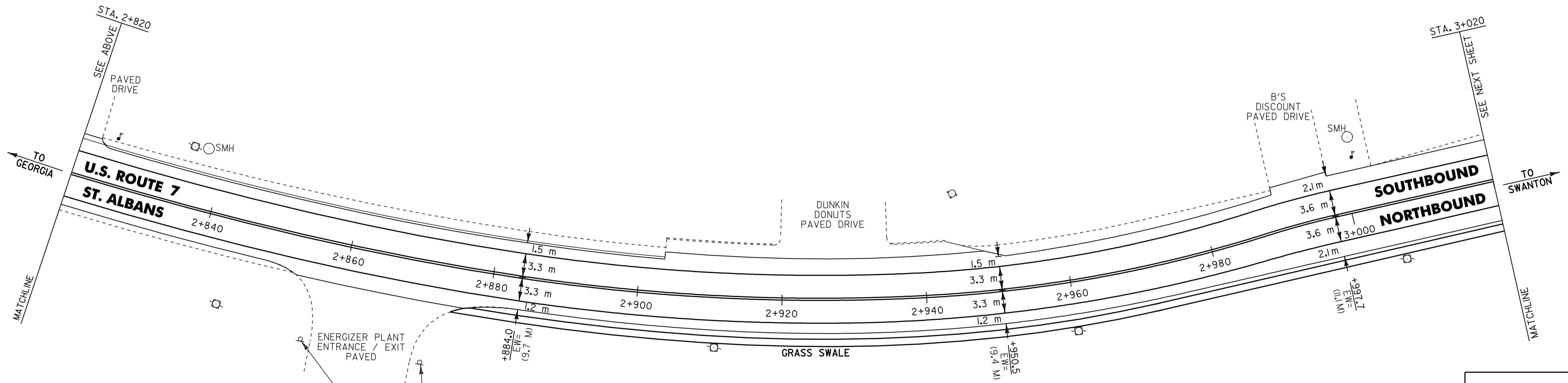
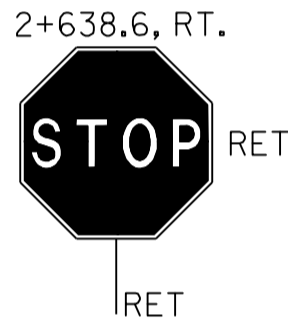
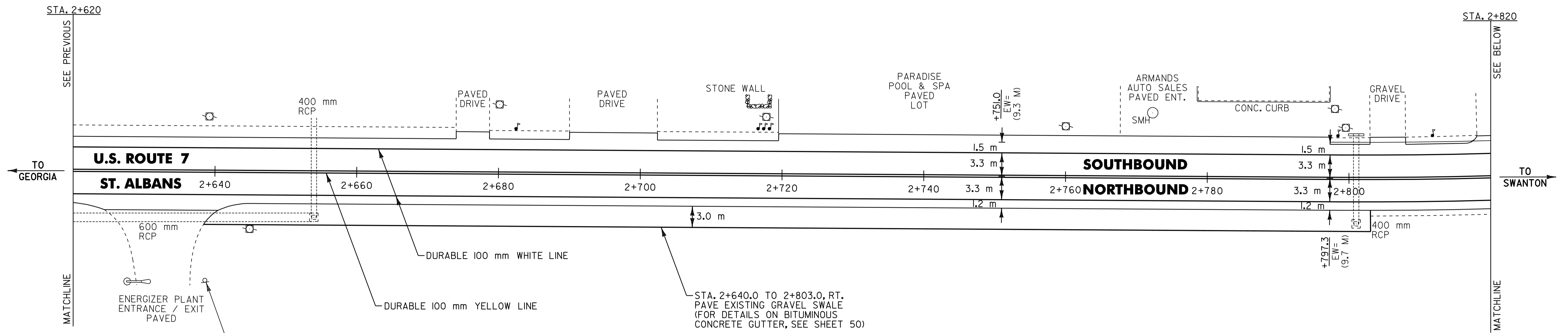
LAYOUT SHEET #2

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(1)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016I02.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 58 OF 89





- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-12IM & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

**LAYOUT SHEET #3**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016I03.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 59 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. 3+020.0 TO 3+213.9, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS FOR PRICE  
 CHOPPER & FRANKLIN PARK)  
 STA. 3+030.0 TO 3+060.0, DOTTED LT. & RT.  
 STA. 3+060.0 TO 3+120.0, SOLID LT. (LANE LINE)  
 STA. 3+060.0 TO 3+120.0, DASHED RT.  
 STA. 3+137.5, DOUBLE SOLID LT. (PRICE CHOPPER  
 LANE LINES & EDGELINES)  
 STA. 3+137.5, SOLID RT. (FRANKLIN PARK  
 LANE LINES & EDGELINES)  
 STA. 3+160.0 TO 3+213.9, (2) SOLID LT. (LANE LINES)  
 STA. 3+160.0 TO 3+213.9, DASHED RT.

**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. 3+020.0 TO 3+120.0, SOLID LT. & RT.  
 STA. 3+160.2 TO 3+213.9, SOLID LT. & RT.

**PAINTED CURB**  
 STA. 3+137.5, LT. & RT.  
 (PRICE CHOPPER & FRANKLIN PARK  
 ISLANDS, FOR FURTHER DETAILS  
 SEE VTrans STANDARD E-192M)

**TEMPORARY & DURABLE 600 mm STOP BAR**  
 STA. 3+120.0, LT. - RT.  
 STA. 3+137.5, LT. (PRICE CHOPPER)  
 STA. 3+137.5, RT. (FRANKLIN PARK)  
 STA. 3+160.0, LT.

**ADJUST ELEVATION OF VALVE BOX**  
 STA. 3+059.6, RT. - WSO  
 STA. 3+061.0, RT. - WSO

**DURABLE LETTER OR SYMBOL**

STA. 3+061.2, LT - ↖	STA. 3+137.5, LT - ↗	STA. 3+163.0, LT - ↖
STA. 3+062.0, RT - ↗	STA. 3+137.5, LT - ↖	STA. 3+163.0, LT - ↗
STA. 3+089.7, LT - ONLY	STA. 3+137.5, LT - ↖	STA. 3+186.6, LT - ONLY
STA. 3+090.3, RT - ↗	STA. 3+137.5, RT - ↖	STA. 3+186.6, LT - ONLY
STA. 3+116.2, RT - ↗	STA. 3+137.5, RT - ↗	STA. 3+212.7, LT - ↖
STA. 3+116.9, LT - ↖		STA. 3+212.7, LT - ↖

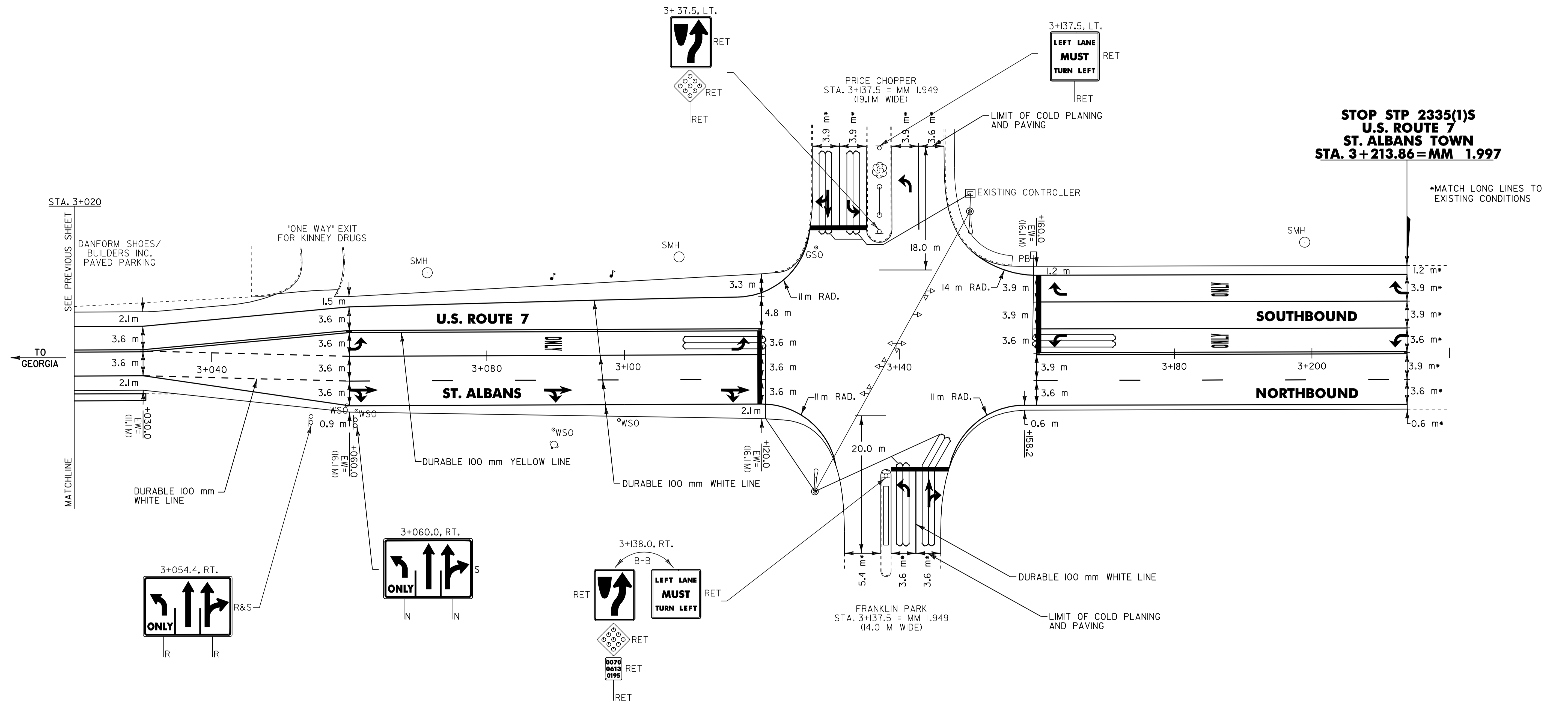
**TEMPORARY LETTER OR SYMBOL**

STA. 3+061.2, LT - ↖	STA. 3+137.5, LT - ↗	STA. 3+163.0, LT - ↖
STA. 3+062.0, RT - ↗	STA. 3+137.5, LT - ↖	STA. 3+163.0, LT - ↗
STA. 3+090.3, RT - ↗	STA. 3+137.5, LT - ↖	STA. 3+212.7, LT - ↖
STA. 3+116.2, RT - ↗	STA. 3+137.5, RT - ↖	STA. 3+212.7, LT - ↖
STA. 3+116.9, LT - ↖	STA. 3+137.5, RT - ↗	

**DITCH CLEANING**  
 STA. 3+020.0 TO 3+030.4, RT. (SITE 4)  
 (FOR DETAILS, SEE SHEET 52)

**ERECTING SALVAGED SIGNS**  
 AS SHOWN - 1

**REMOVING SIGNS**  
 AS SHOWN - 1



- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.
  - 4) FOR VEHICLE DETECTOR LOOP DETAILS SEE SHEET 51.
  - 5) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #4</b>	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: STP 2335(1)S
	FILE NAME: /pave/01c016/p01c016.dgn
	IPARM FILE NAME: p01c016104.1
	PLOT DATE: 16-SEP-2005
	DRAWN BY: D-H
	CHECKED BY: D-H
	SHEET 60 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. 3+514.8 TO 3+700.0, SOLID LT. & RT.  
 (WITH EDGE LINE BREAKS FOR APPROACH  
 RAMP & VT ROUTE 207)  
 STA. 3+514.8 TO 3+534.4, DOTTED LT.  
 STA. 3+532.0 TO 3+568.5, DOTTED RT.  
 STA. 3+679.0 TO 3+700.0, SOLID LT. (LANE LINE)

**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. 3+514.8 TO 3+650.8, DOUBLE SOLID LT. & RT.  
 STA. 3+679.0 TO 3+700.0, SOLID LT. & RT.

**TEMPORARY & DURABLE 600 mm STOP BAR**  
 STA. 3+649.2, RT.  
 STA. 3+679.0, LT.

**DURABLE LETTER OR SYMBOL**  
 STA. 3+682.0, LT -   
 STA. 3+699.5, LT - ONLY

**TEMPORARY LETTER OR SYMBOL**  
 STA. 3+682.0, LT -

**TEMPORARY & DURABLE 200 mm YELLOW LINE**  
 STA. 3+514.8 TO 3+650.8, DIAGONALS

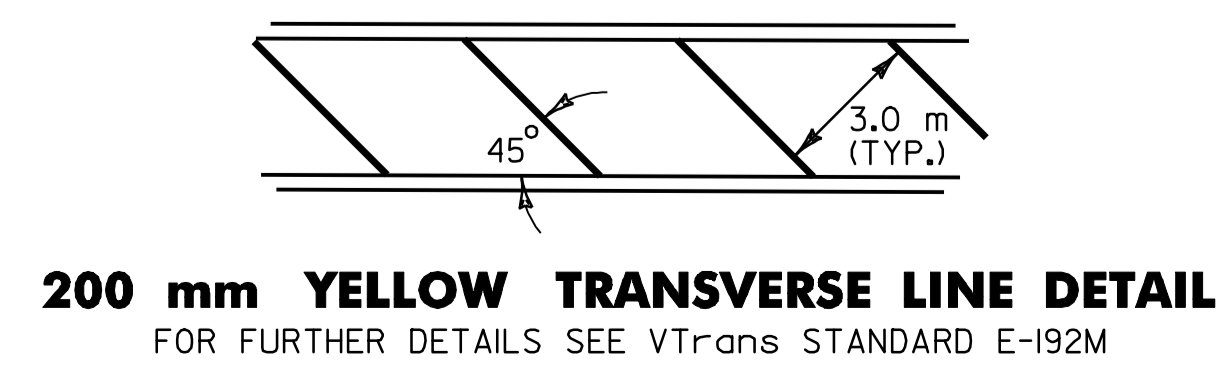
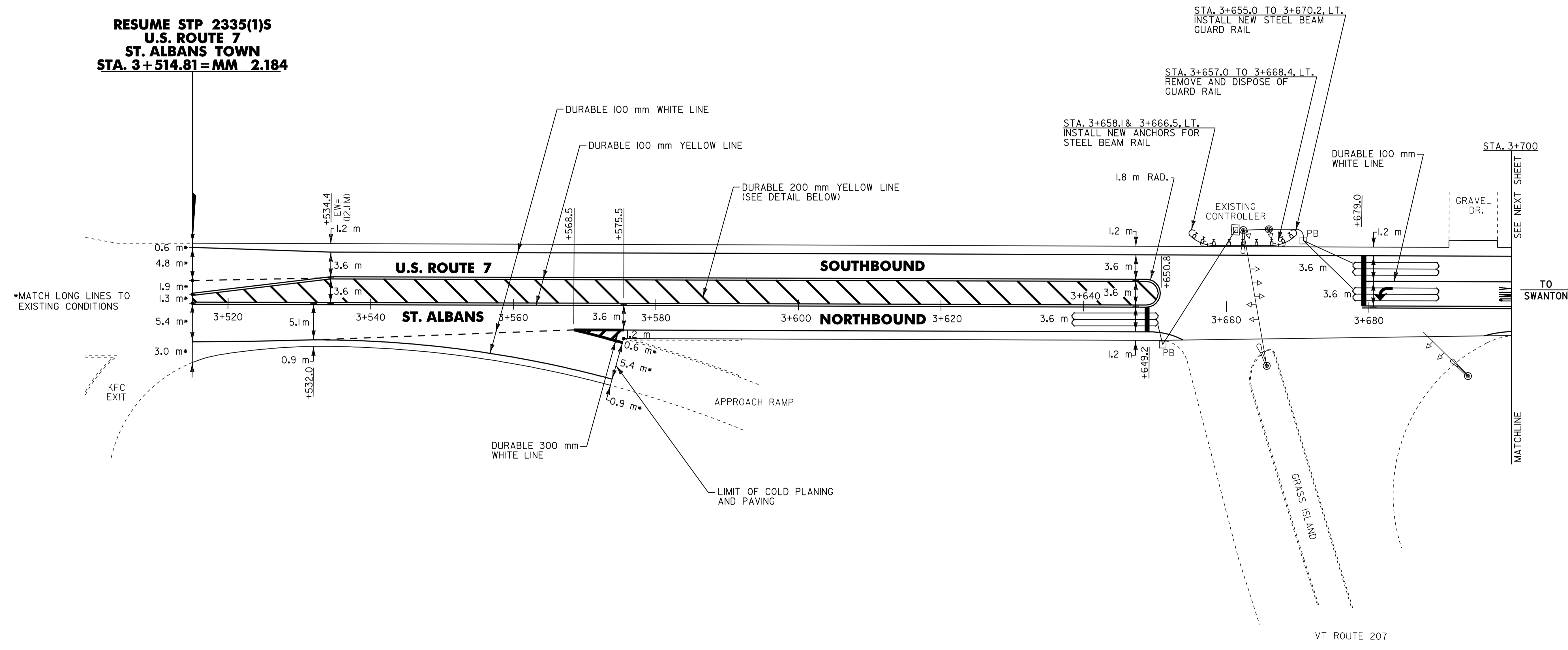
**TEMPORARY & DURABLE 300 mm WHITE LINE**  
 STA. 3+568.5 TO 3+575.5, GORE & DIAGONALS

**REMOVAL AND DISPOSAL OF GUARD RAIL**  
 STA. 3+657.0 TO 3+668.4, LT.

**STEEL BEAM GUARD RAIL**  
 STA. 3+655.0 TO 3+670.2, LT.

**ANCHOR FOR STEEL BEAM RAIL**  
 STA. 3+658.1, LT.  
 STA. 3+666.5, LT.

**RESUME STP 2335(1)S  
 U.S. ROUTE 7  
 ST. ALBANS TOWN  
 STA. 3+514.81=MM 2.184**



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.  
 4) FOR VEHICLE DETECTOR LOOP DETAILS SEE SHEET 5I.  
 5) EW = EXISTING ROADWAY WIDTH.


\*MATCH EXISTING CONDITIONS

<b>LAYOUT SHEET #5</b>	PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(1)S	DRAWN BY: D-H
	FILE NAME: /pave/01c016/p01c016.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 61 OF 89
	IPARM FILE NAME: p01c016i05.1	



**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. 3+700.0 TO 3+900.0, SOLID LT. & RT.  
 STA. 3+700.0 TO 3+720.0, SOLID LT. (LANE LINE)  
 STA. 3+720.0 TO 3+775.0, DOTTED LT.

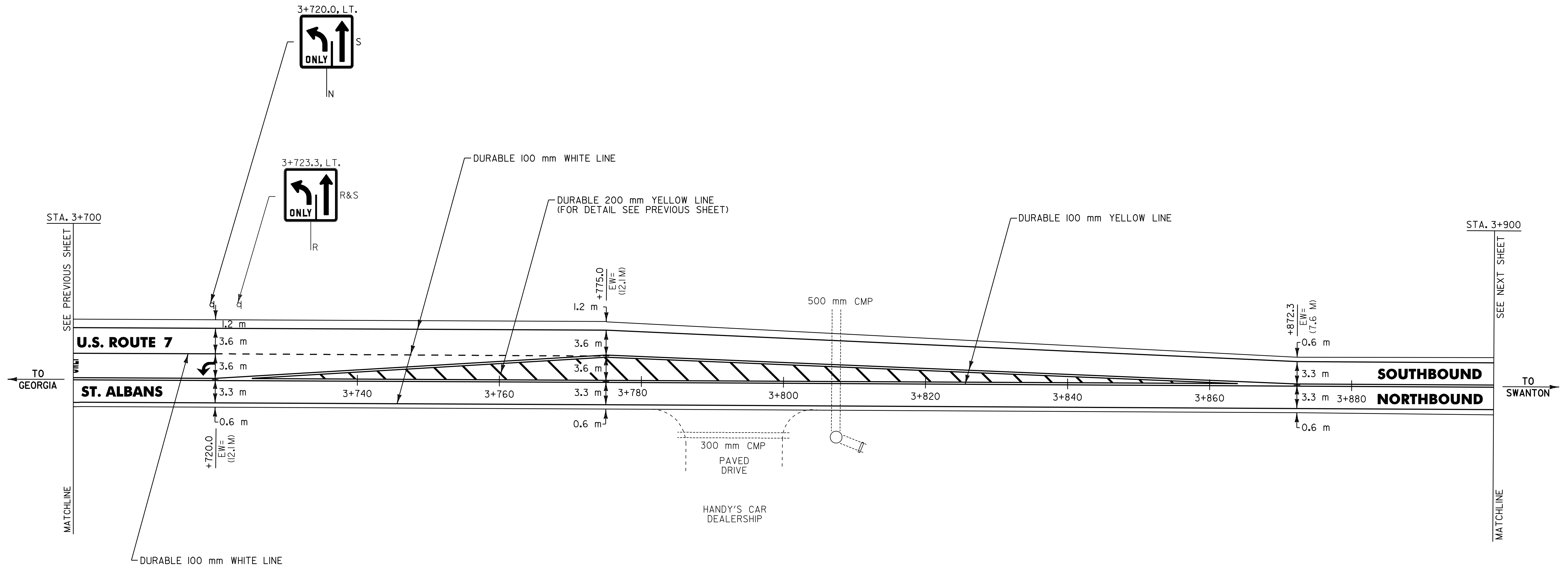
**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. 3+700.0 TO 3+720.0, SOLID LT. & RT.  
 STA. 3+720.0 TO 3+872.3, DOUBLE SOLID LT. & RT.  
 STA. 3+872.3 TO 3+900.0, SOLID LT. & RT.

**TEMPORARY & DURABLE LETTER OR SYMBOL**  
 STA. 3+718.8, LT - 

**TEMPORARY & DURABLE 200 mm YELLOW LINE**  
 STA. 3+720.0 TO 3+872.3, DIAGONALS

**ERECTING SALVAGED SIGNS**  
 AS SHOWN - I

**REMOVING SIGNS**  
 AS SHOWN - I



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.



**LAYOUT SHEET #6**

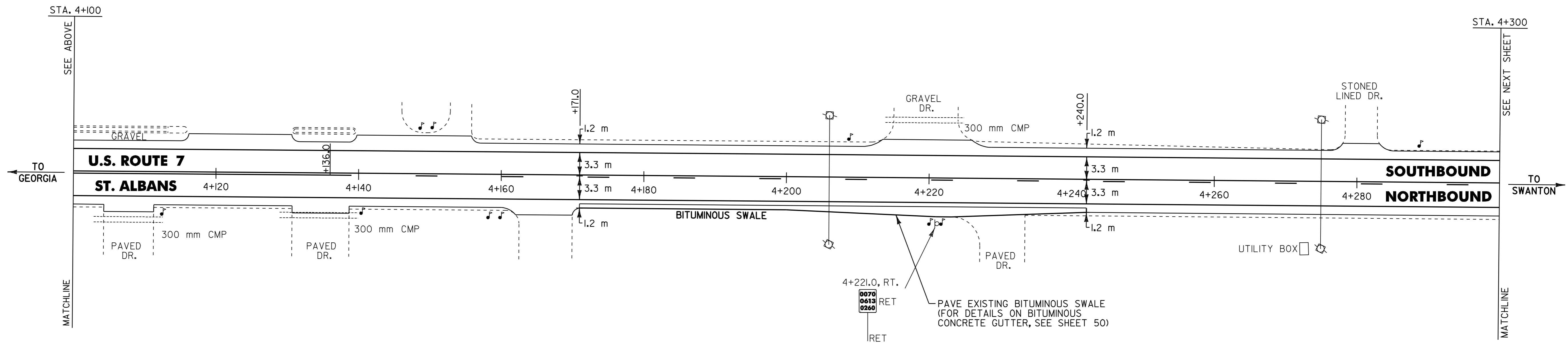
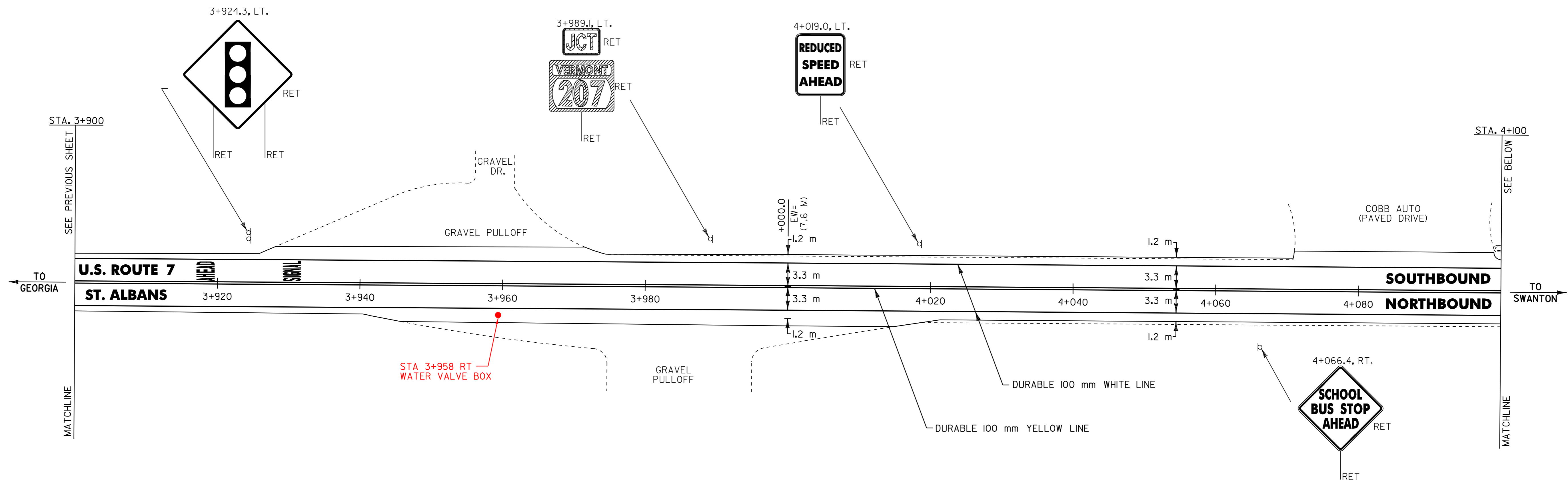
PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S  
 FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i06.i  
 PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 62 OF 89

TEMPORARY & DURABLE 100 mm WHITE LINE  
 STA. 3+900.0 TO 4+300.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE  
 STA. 3+900.0 TO 4+136.0, SOLID LT. & RT.  
 STA. 4+136.0 TO 4+300.0, SOLID LT/ DASHED RT.

TEMPORARY & DURABLE LETTER OR SYMBOL  
 STA. 3+918.3, LT - AHEAD  
 STA. 3+930.3, LT - SIGNAL

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS  
 STA. 4+171.0 TO 4+240.0, RT.  
 (FOR DETAIL, SEE SHEET 50)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-12IM & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #7</b>	PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 16-SEP-2005 13:20
	PROJECT NUMBER: STP_2335(I)S	DRAWN BY: D:H
	FILE NAME: /pave/01c016/p01c016.dgn	CHECKED BY: D:H
	DESIGNED BY: D:H	SHEET 63 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE**

ST. ALBANS TOWN STA. 4+300.0 TO 4+667.3, SOLID LT. & RT.  
(WITH EDGELINE BREAK FOR JEWETT AVE.)  
STA. 4+511.0, DOUBLE SOLID LT. (JEWETT AVE. EDGELINES)  
SWANTON STA. 0+000.00 TO 0+020.0, SOLID LT. & RT.

**TEMPORARY & DURABLE 100 mm YELLOW LINE**

ST. ALBANS TOWN STA. 4+300.0 TO 4+361.3, SOLID LT./ DASHED RT.  
ST. ALBANS TOWN STA. 4+361.3 TO 4+514.2, SOLID LT. & RT.  
(WITH CENTERLINE BREAK FOR JEWETT AVE.)  
STA. 4+511.0, DOUBLE SOLID LT. (JEWETT AVE. CENTERLINE)  
ST. ALBANS TOWN STA. 4+514.2 TO 4+667.3, SOLID LT./ DASHED RT.  
SWANTON STA. 0+000.00 TO 0+020.0, SOLID LT./ DASHED RT.

**TEMPORARY & DURABLE 600 mm STOP BAR**

STA. 4+511.0, LT.

**TEMPORARY & DURABLE LETTER OR SYMBOL**

STA. 4+511.0, LT - STOP

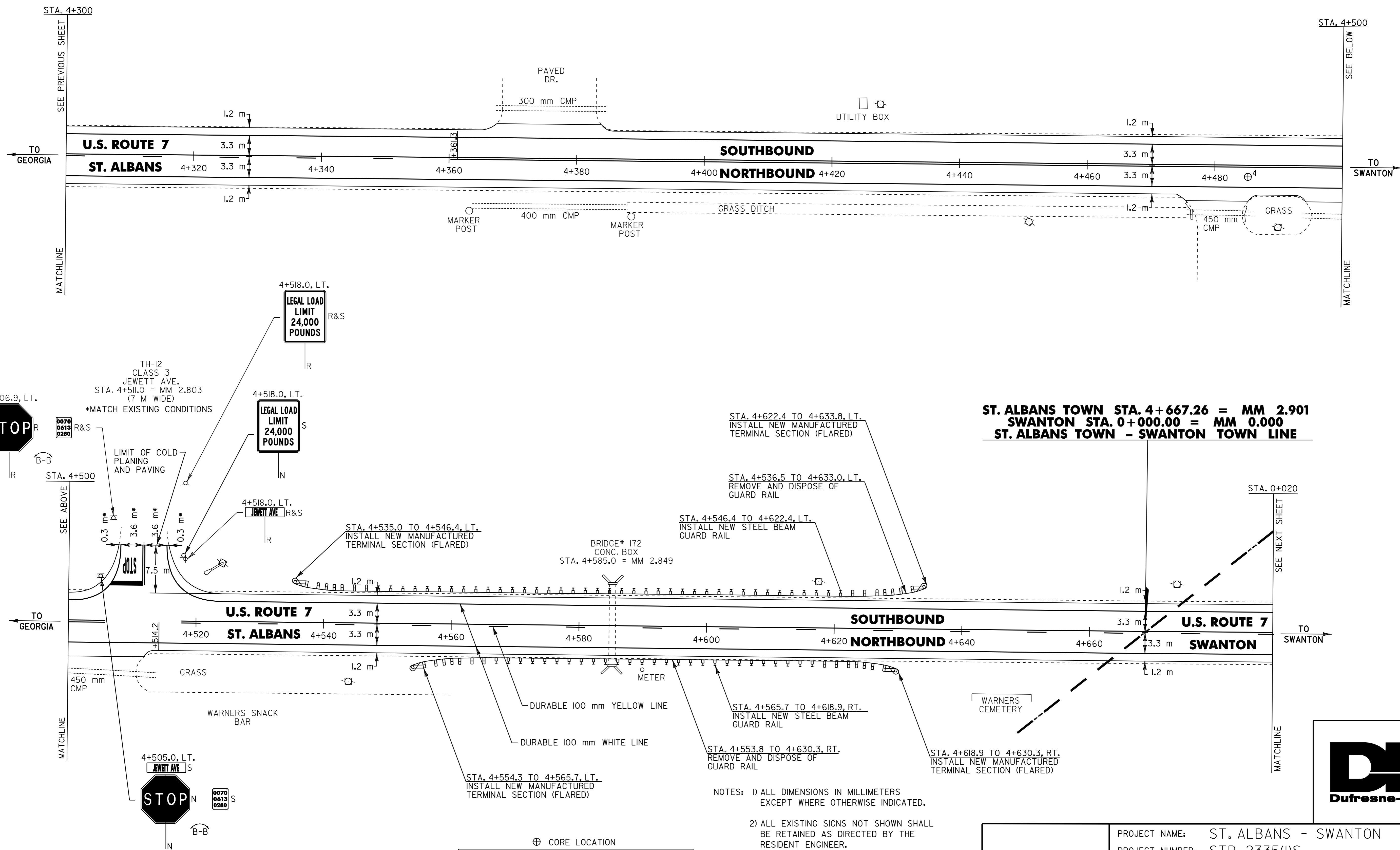
**ERECTING SALVAGED SIGNS**  
AS SHOWN - 3

**REMOVING SIGNS**  
AS SHOWN - 4

**REMOVAL AND DISPOSAL OF GUARD RAIL**  
STA. 4+536.5 TO 4+633.0, LT.  
STA. 4+565.7 TO 4+618.9, RT.

**STEEL BEAM GUARD RAIL**  
STA. 4+546.4 TO 4+622.4, LT.  
STA. 4+565.7 TO 4+618.9, RT.

**MANUFACTURED TERMINAL SECTION (FLARED)**  
STA. 4+535.0 TO 4+546.4, LT.  
STA. 4+554.3 TO 4+565.7, RT.  
STA. 4+618.9 TO 4+630.3, RT.  
STA. 4+622.4 TO 4+633.8, LT.



**ST. ALBANS TOWN STA. 4+667.26 = MM 2.901**  
**SWANTON STA. 0+000.00 = MM 0.000**  
**ST. ALBANS TOWN - SWANTON TOWN LINE**

- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-12IM & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

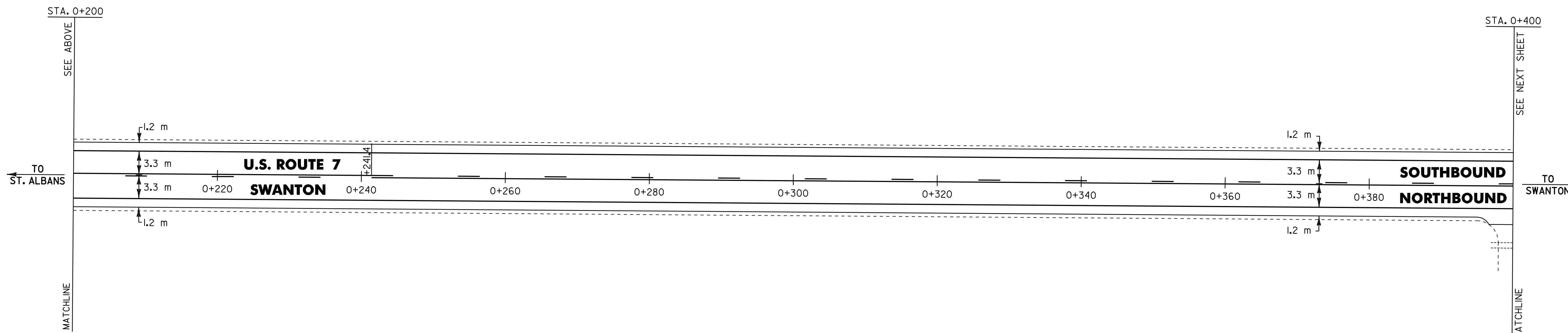
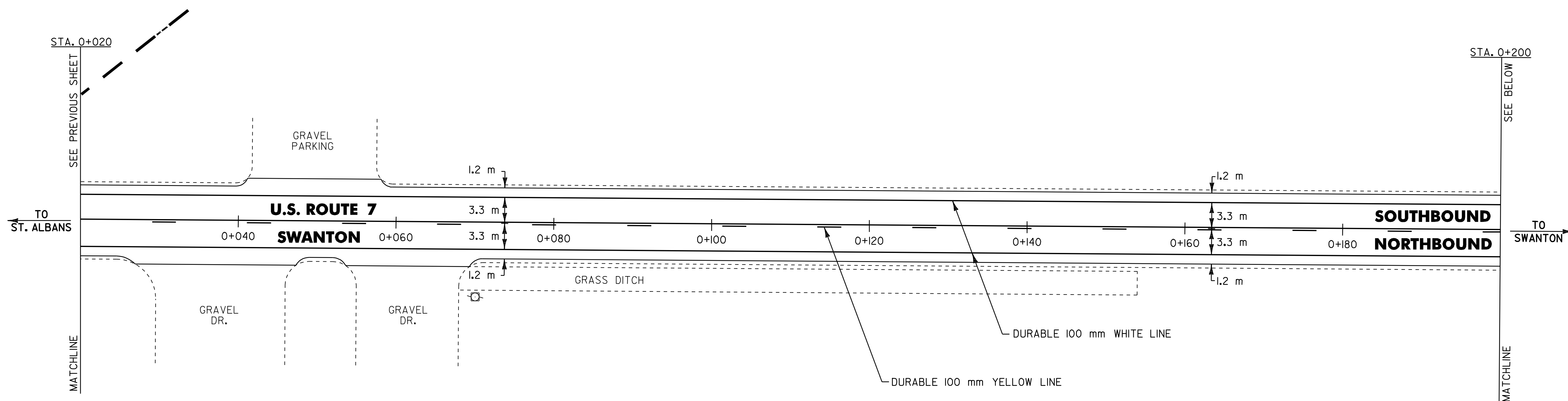
PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
4	4+485.2, RT.	76	NO

<b>LAYOUT SHEET #8</b>	PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(I)S	DRAWN BY: D-H
	FILE NAME: /pave/01c016/p01c016.dgn	CHECKED BY: D-H
	PROJECT LEADER: JLL DESIGNED BY: D-H IPARM FILE NAME: p01c016I08.I	SHEET 64 OF 89



TEMPORARY & DURABLE 100 mm WHITE LINE  
 STA. 0+020.0 TO 0+400.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE  
 STA. 0+020.0 TO 0+241.4, SOLID LT./ DASHED RT.  
 STA. 0+241.4 TO 0+400.0, DASHED LT./ SOLID RT.



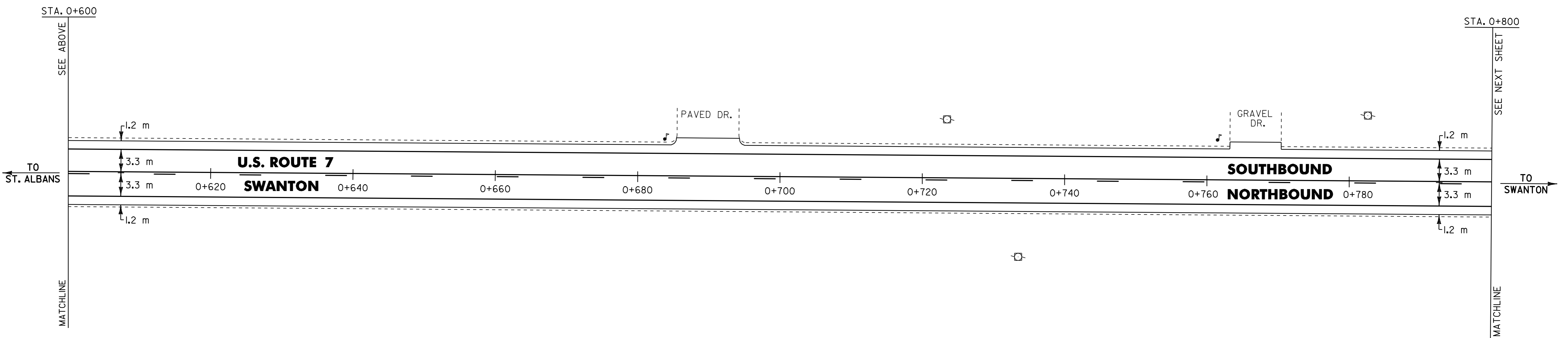
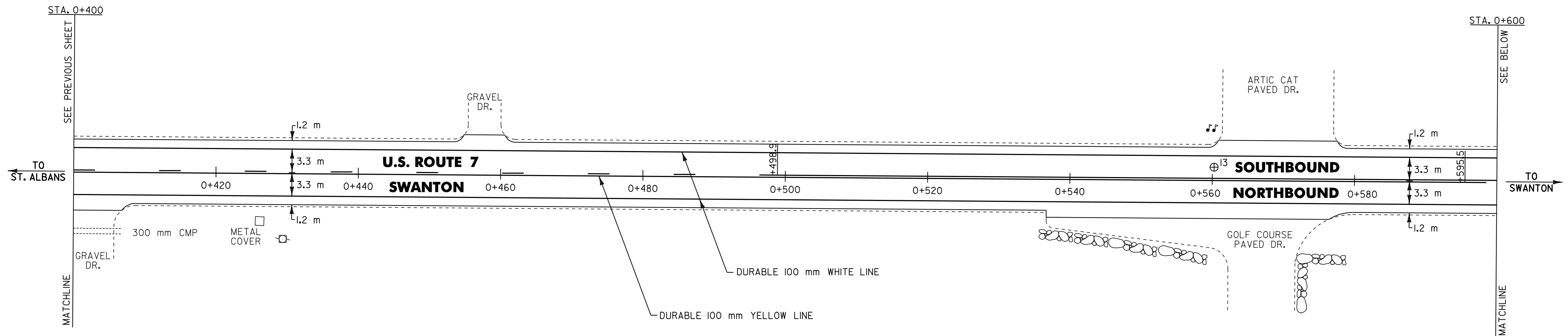
- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.



<b>LAYOUT SHEET #9</b>	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(I)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H

TEMPORARY & DURABLE 100 mm WHITE LINE  
 STA. 0+400.0 TO 0+800.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE  
 STA. 0+400.0 TO 0+498.9, DASHED LT./ SOLID RT.  
 STA. 0+498.9 TO 0+595.5, SOLID LT. & RT.  
 STA. 0+595.5 TO 0+800.0, SOLID LT./ DASHED RT.



⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
I3	0+560.1, LT.	178	NO

- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

**LAYOUT SHEET #10**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i10.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 66 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. 0+800.0 TO 1+200.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS FOR MOUNTAIN VIEW DR.  
 & COUNTRY CLUB RD.)  
 STA. 0+961.8, DOUBLE SOLID LT. (MOUNTAIN VIEW DR. EDGELINES)  
 STA. 1+026.9, DOUBLE SOLID RT. (COUNTRY CLUB RD. EDGELINES)

**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. 0+800.0 TO 0+828.8, SOLID LT./ DASHED RT.  
 STA. 0+828.8 TO 1+200.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAKS FOR MOUNTAIN VIEW DR.  
 & COUNTRY CLUB RD.)  
 STA. 0+961.8, DOUBLE SOLID LT. (MOUNTAIN VIEW DR. CENTERLINE)  
 STA. 1+026.9, DOUBLE SOLID RT. (COUNTRY CLUB RD. CENTERLINE)

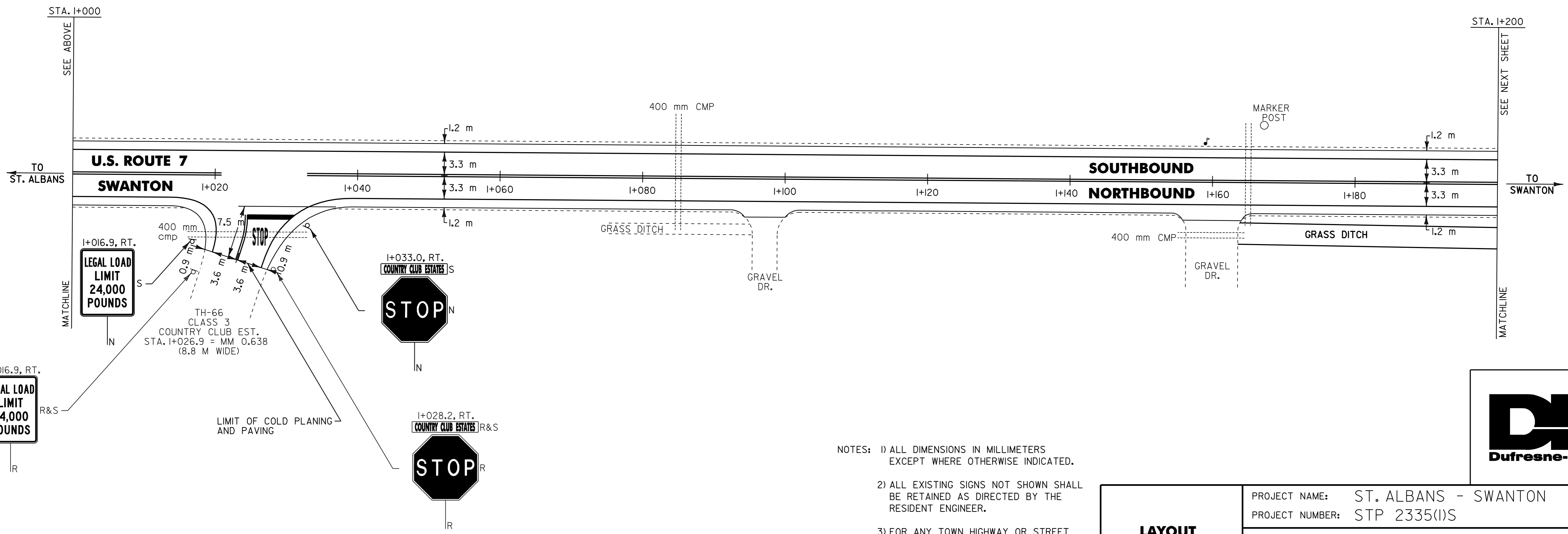
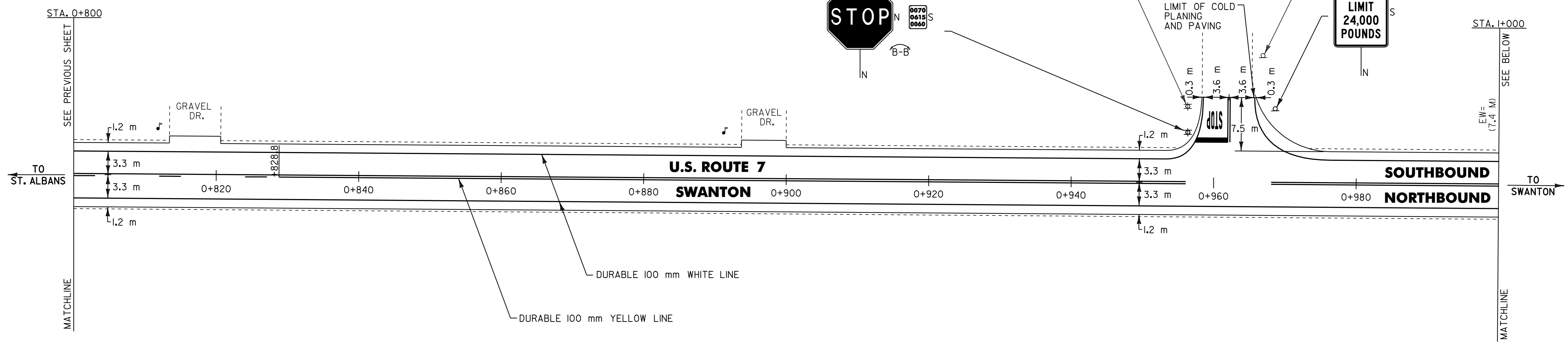
**TEMPORARY & DURABLE 600 mm STOP BAR**  
 STA. 0+961.8, LT.  
 STA. 1+026.9, RT.

**TEMPORARY & DURABLE LETTER OR SYMBOL**  
 STA. 0+961.8, LT. - STOP  
 STA. 1+026.9, RT. - STOP

**DITCH CLEANING**  
 STA. 1+163.5 TO 1+200.0, RT. (SITE 5)  
 (FOR DETAILS, SEE SHEET 52)

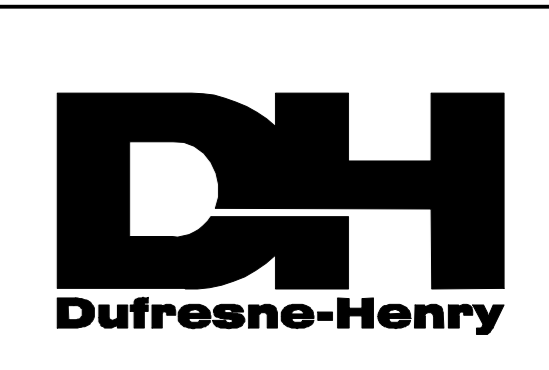
**ERECTING SALVAGED SIGNS**  
 AS SHOWN - 5

**REMOVING SIGNS**  
 AS SHOWN - 7



- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #11</b>	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: STP 2335(1)S
	FILE NAME: /pave/01c016/p01c016.dgn
	IPARM FILE NAME: p01c016i11
	PLOT DATE: 16-SEP-2005
	DRAWN BY: D-H
	CHECKED BY: D-H
	SHEET 67 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. I+200.0 TO I+600.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAKS FOR SUGAR MAPLE DR.,  
 MOUNTAIN VIEW DR. & COMSTOCK RD.)  
 STA. I+296.8, DOUBLE SOLID RT. (SUGAR MAPLE DR. EDGELINES)  
 STA. I+344.5, DOUBLE SOLID LT. (MOUNTAIN VIEW DR. EDGELINES)  
 STA. I+506.0, DOUBLE SOLID LT. (COMSTOCK RD. EDGELINES)

**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. I+200.0 TO I+600.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAKS FOR SUGAR MAPLE DR.,  
 MOUNTAIN VIEW DR. & COMSTOCK RD.)  
 STA. I+296.8, DOUBLE SOLID RT. (SUGAR MAPLE DR. CENTERLINE)  
 STA. I+344.5, DOUBLE SOLID LT. (MOUNTAIN VIEW DR. CENTERLINE)  
 STA. I+506.0, DOUBLE SOLID LT. (COMSTOCK RD. CENTERLINE)

**TEMPORARY & DURABLE 600 mm STOP BAR**

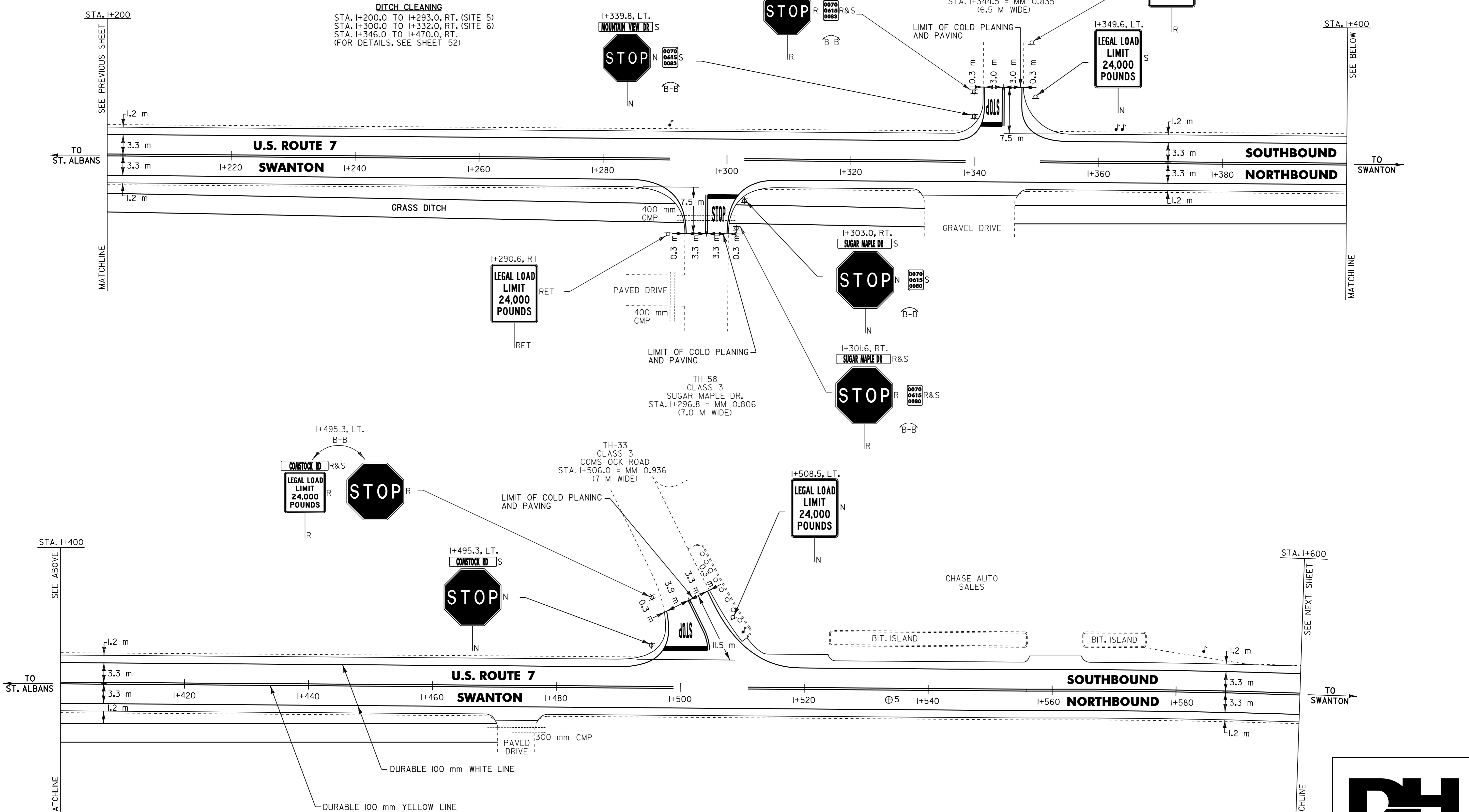
STA. I+296.8, RT.  
 STA. I+344.5, LT.  
 STA. I+506.0, LT.

**TEMPORARY & DURABLE LETTER OR SYMBOL**

STA. I+296.8, RT. - STOP  
 STA. I+344.5, LT. - STOP  
 STA. I+506.0, LT. - STOP

**ERECTING SALVAGED SIGNS**  
 AS SHOWN - 6

**REMOVING SIGNS**  
 AS SHOWN - 10



**DITCH CLEANING**  
 STA. I+200.0 TO I+293.0, RT. (SITE 5)  
 STA. I+300.0 TO I+332.0, RT. (SITE 6)  
 STA. I+346.0 TO I+470.0, RT.  
 (FOR DETAILS, SEE SHEET 52)

LEGAL LOAD LIMIT  
 24,000  
 POUNDS

LEGAL LOAD LIMIT  
 24,000  
 POUNDS

LEGAL LOAD LIMIT  
 24,000  
 POUNDS

STOP

STOP

STOP

TH-58  
 CLASS 3  
 SUGAR MAPLE DR.  
 STA. I+296.8 = MM 0.806  
 (7.0 M WIDE)

TH-33  
 CLASS 3  
 COMSTOCK ROAD  
 STA. I+506.0 = MM 0.936  
 (7 M WIDE)

STOP

LEGAL LOAD LIMIT  
 24,000  
 POUNDS

PAVED DRIVE  
 300 mm CMP

DURABLE 100 mm WHITE LINE  
 DURABLE 100 mm YELLOW LINE

- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
5	I+533.7, RT.	114	NO

<b>LAYOUT SHEET #12</b>	PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(1)S	DRAWN BY: D-H
	FILE NAME: /pave/01c016/p01c016.dgn	CHECKED BY: D-H
	DESIGNED BY: D-H	SHEET 68 OF 89

**TEMPORARY & DURABLE 100 mm WHITE LINE**  
 STA. I+600.0 TO 2+000.0, SOLID LT. & RT.

**TEMPORARY & DURABLE 100 mm YELLOW LINE**  
 STA. I+600.0 TO 2+000.0, SOLID LT. & RT.

**REMOVING SIGNS**  
 AS SHOWN - 3

**REMOVAL AND DISPOSAL OF GUARD RAIL**  
 STA. I+620.5 TO 2+000.0, LT.

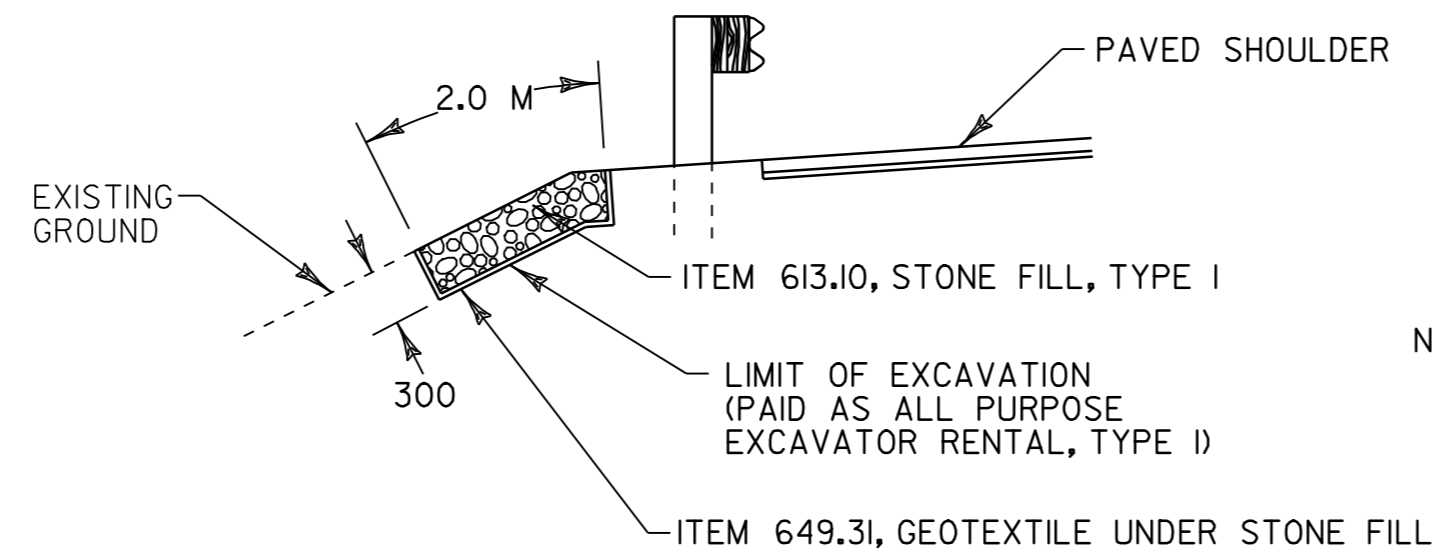
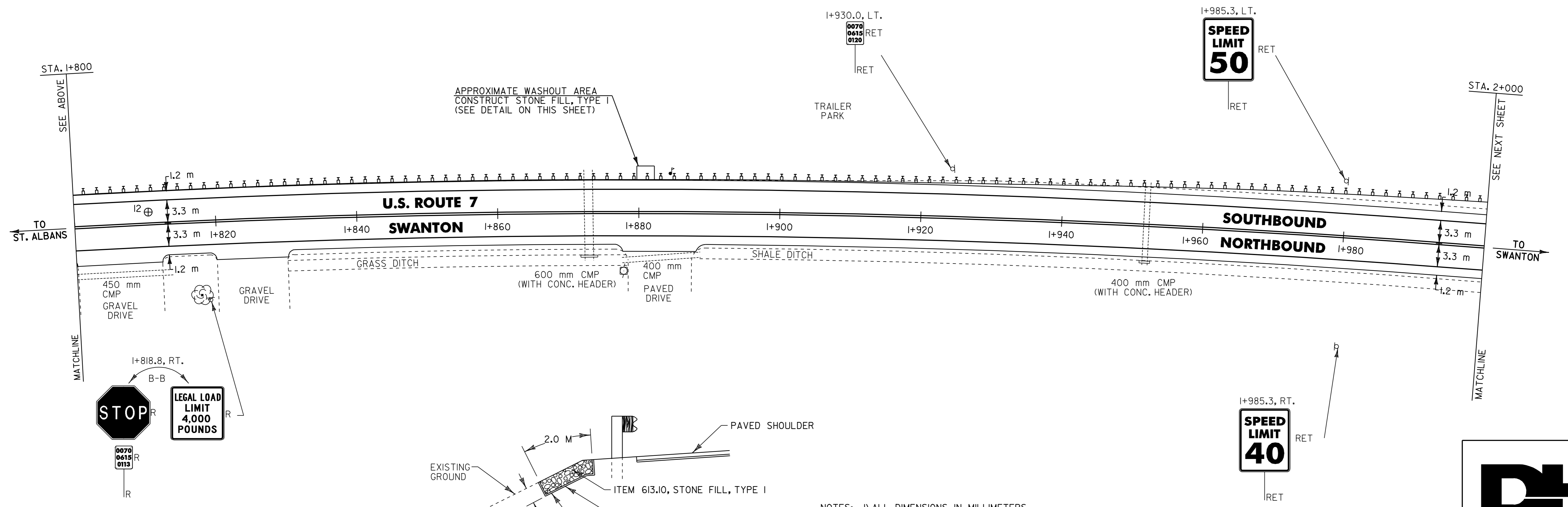
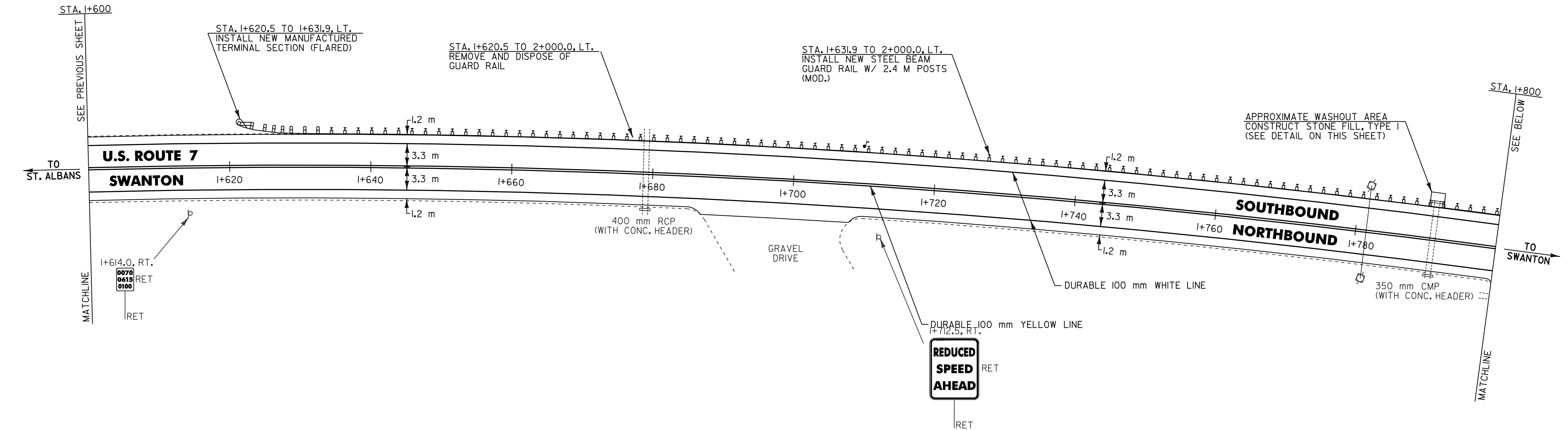
**MANUFACTURED TERMINAL SECTION (FLARED)**  
 STA. I+620.5 TO I+631.9, LT.

**STONE FILL, TYPE I**  
 STA. I+790.0 TO I+792.0, LT.  
 STA. I+877.0 TO I+879.5, LT.  
 ELIMINATED



**STEEL BEAM GUARD RAIL W/2.4 METER POSTS (MOD.)**  
 STA. I+631.9 TO 2+000.0, LT.

**RELOCATE MAIL BOX, SINGLE SUPPORT**  
 STA. I+710.0, LT.  
 STA. I+884.7, LT.  
 (FOR FURTHER DETAILS SEE VTrans STANDARD J-3M)



**STONE FILL, TYPE I DETAIL**  
 STA. I+790.0 TO I+792.0, LT.  
 STA. I+877.0 TO I+879.5, LT.

- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-I21M & E-I93M.
  - 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
I2	I+810.5, LT.	203	NO

**LAYOUT SHEET #13**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP\_2335(I)S  
 FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D:H  
 IPARM FILE NAME: p01c016i13.1  
 PLOT DATE: 16-SEP-2005 13:21  
 DRAWN BY: D:H  
 CHECKED BY: D:H  
 SHEET 69 OF 89





TEMPORARY & DURABLE 100 mm WHITE LINE  
STA. 2+000.0 TO 2+400.0, SOLID LT. & RT.

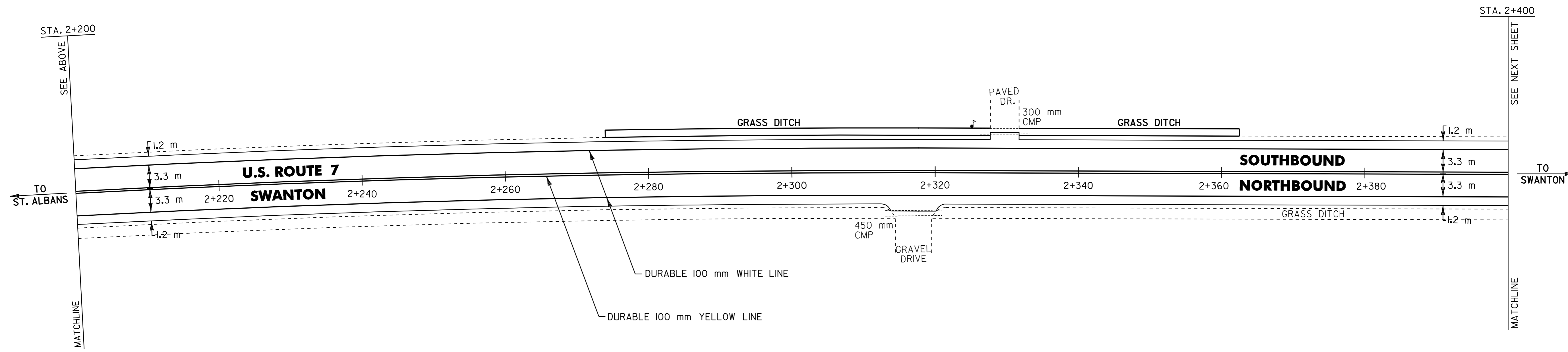
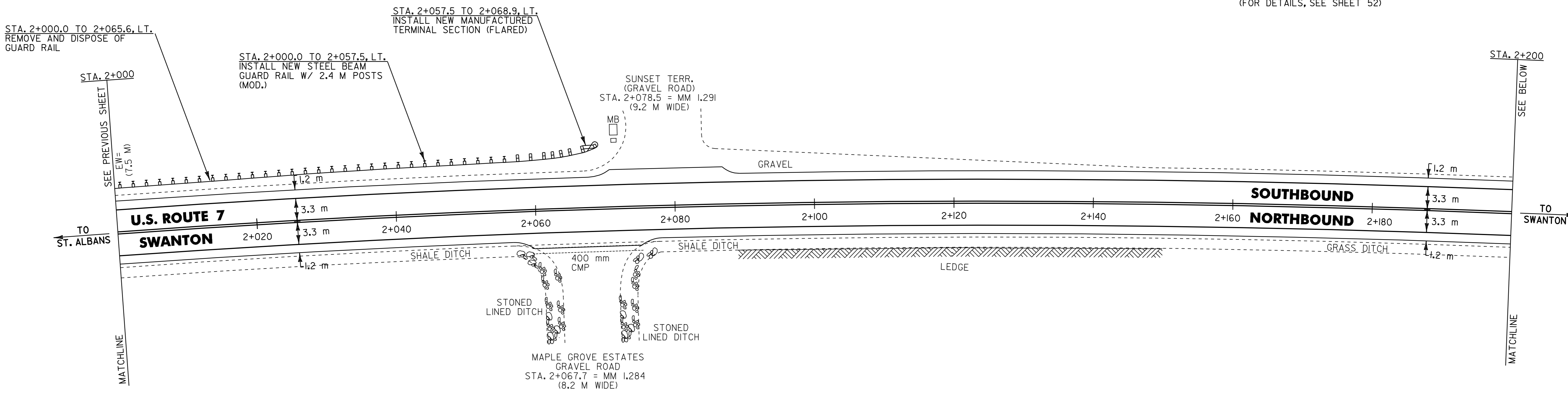
TEMPORARY & DURABLE 100 mm YELLOW LINE  
STA. 2+000.0 TO 2+400.0, SOLID LT. & RT.

REMOVAL AND DISPOSAL OF GUARD RAIL  
STA. 2+000.0 TO 2+065.6, LT.

MANUFACTURED TERMINAL SECTION (FLARED)  
STA. 2+057.5 TO 2+068.9, LT.

STEEL BEAM GUARD RAIL W/2.4 METER POSTS (MOD.)  
STA. 2+000.0 TO 2+057.5, LT.

DITCH CLEANING  
STA. 2+274.0 TO 2+328.0, LT. (SITE 7)  
STA. 2+332.0 TO 2+362.5, LT.  
(FOR DETAILS, SEE SHEET 52)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #14</b>	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(I)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: p01c016i14.i	SHEET 70 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)**

STA. 2+400.0 TO 2+800.0, SOLID LT. & RT.  
(WITH EDGELINE BREAKS FOR LIME KILN RD. & BACHAND RD.)  
STA. 2+473.7, DOUBLE SOLID LT. (LIME KILN RD. EDGELINES)  
STA. 2+673.8, DOUBLE SOLID RT. (BACHAND RD. EDGELINES)

**TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)**

STA. 2+400.0 TO 2+800.0, SOLID LT. & RT.  
(WITH CENTERLINE BREAKS FOR LIME KILN RD. & BACHAND RD.)  
STA. 2+473.7, DOUBLE SOLID LT. (LIME KILN RD. CENTERLINE)  
STA. 2+673.8, DOUBLE SOLID RT. (BACHAND RD. CENTERLINE)

**TEMPORARY & DURABLE 600 mm STOP BAR (MOD. I)**

STA. 2+473.7, LT.  
STA. 2+673.8, RT.

**TEMPORARY & DURABLE LETTER OR SYMBOL (MOD. I)**

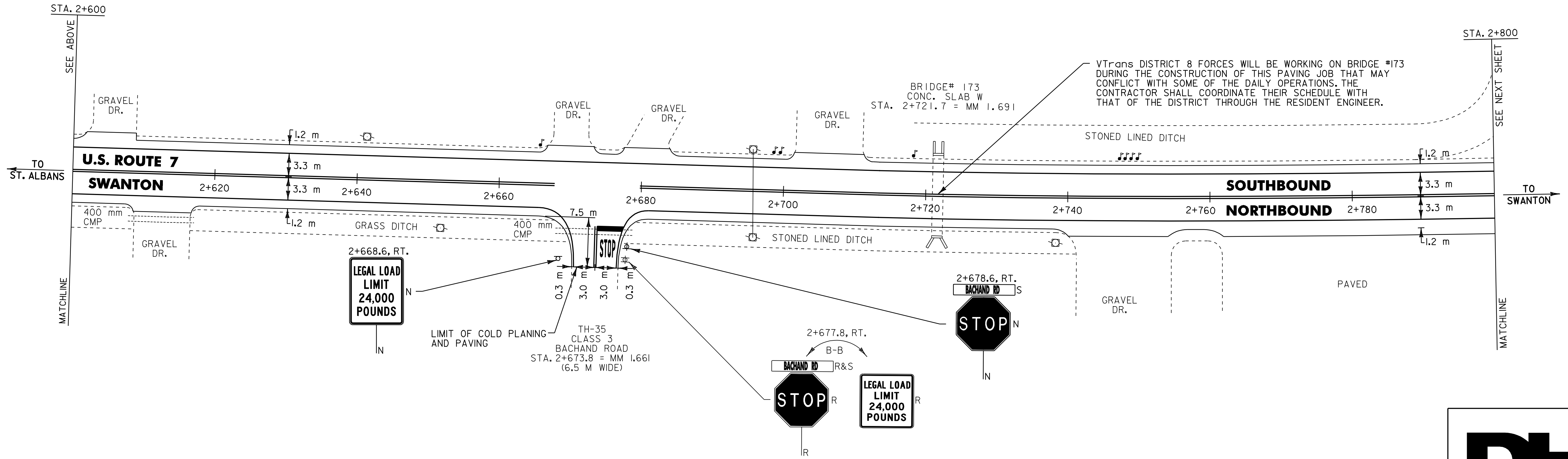
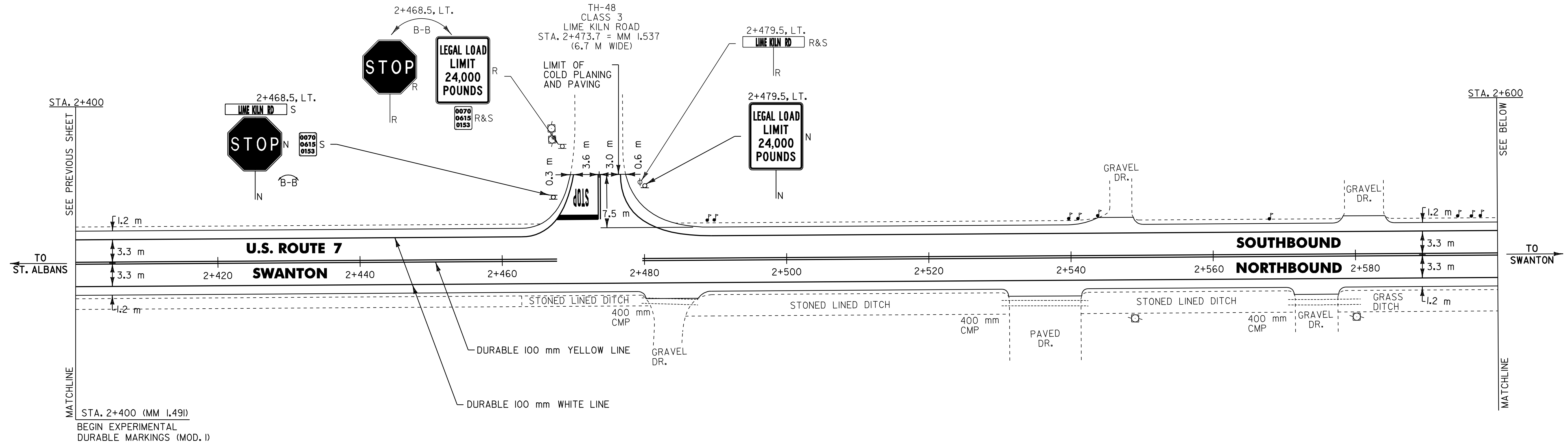
STA. 2+473.7, LT. - STOP  
STA. 2+673.8, RT. - STOP

**ERECTING SALVAGED SIGNS**

AS SHOWN - 3

**REMOVING SIGNS**

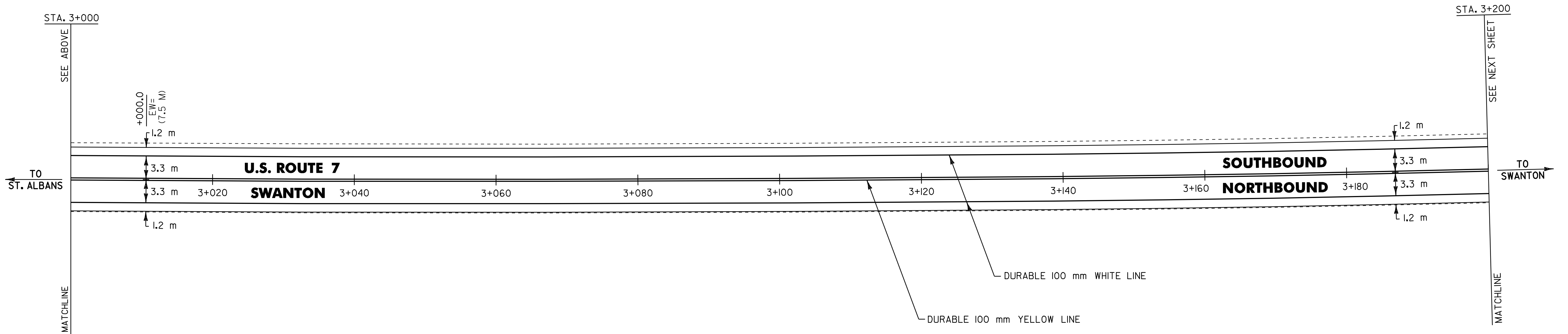
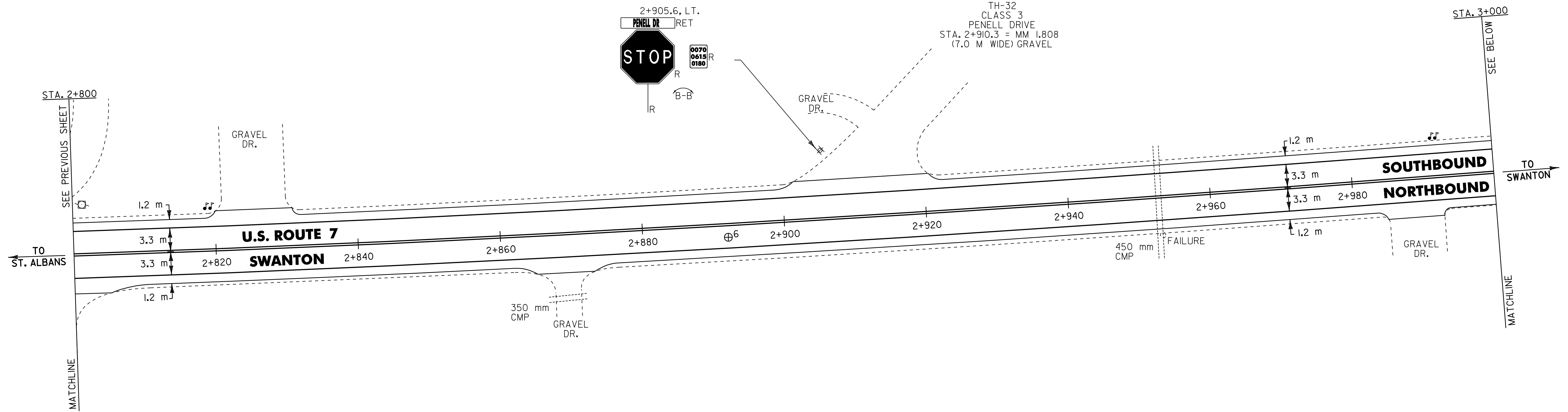
AS SHOWN - 7



- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-12IM & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #15</b>	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(I)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: p01c016i15.1	SHEET 71 OF 89





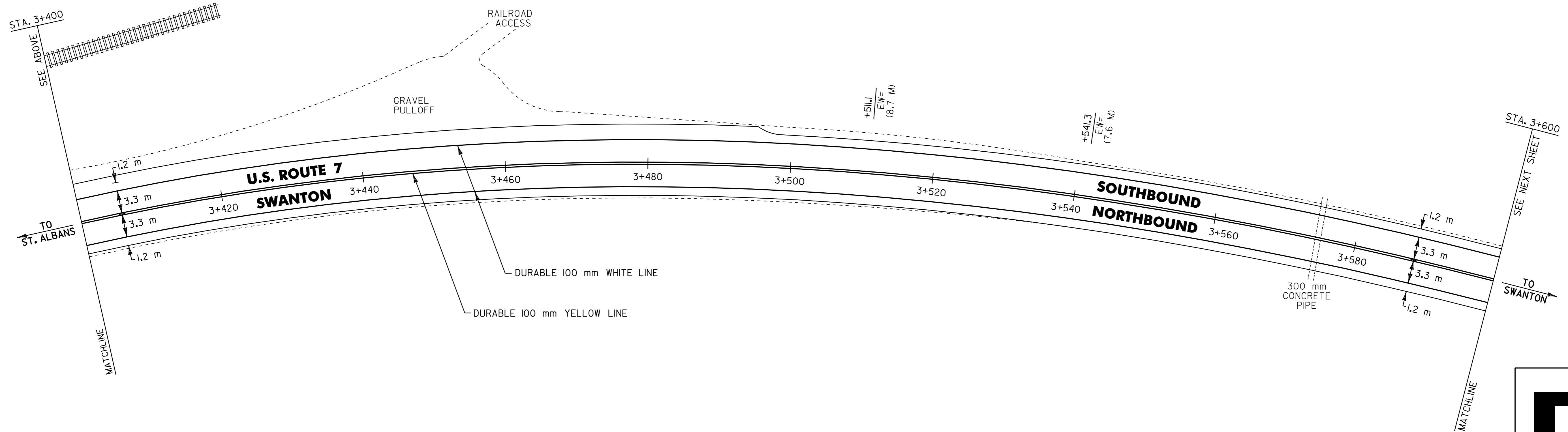
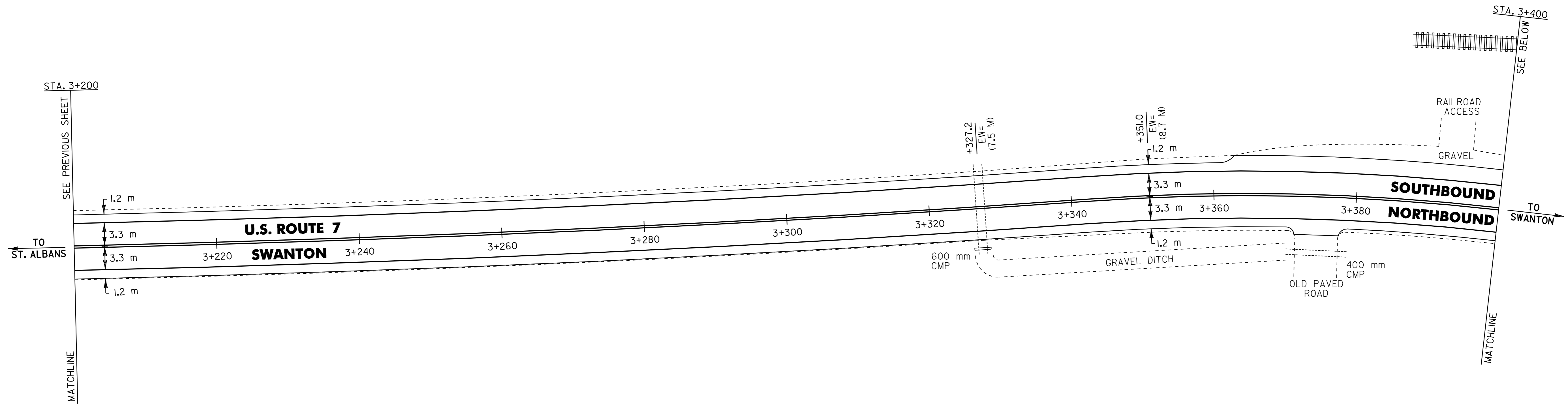
⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
6	2+892.0, RT.	127	NO

- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

<b>LAYOUT SHEET #16</b>	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: STP 2335(1)S
	FILE NAME: /pave/01c016/p01c016.dgn
	IPARM FILE NAME: p01c016i16.i
	PLOT DATE: 16-SEP-2005
	DRAWN BY: D-H
	CHECKED BY: D-H
	SHEET 72 OF 89





- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

**LAYOUT SHEET #17**

PROJECT NAME: ST. ALBANS - SWANTON

PROJECT NUMBER: STP 2335(1)S

FILE NAME: /pave/01c016/p01c016.dgn

PROJECT LEADER: JLL

DESIGNED BY: D-H

IPARM FILE NAME: p01c016117.1

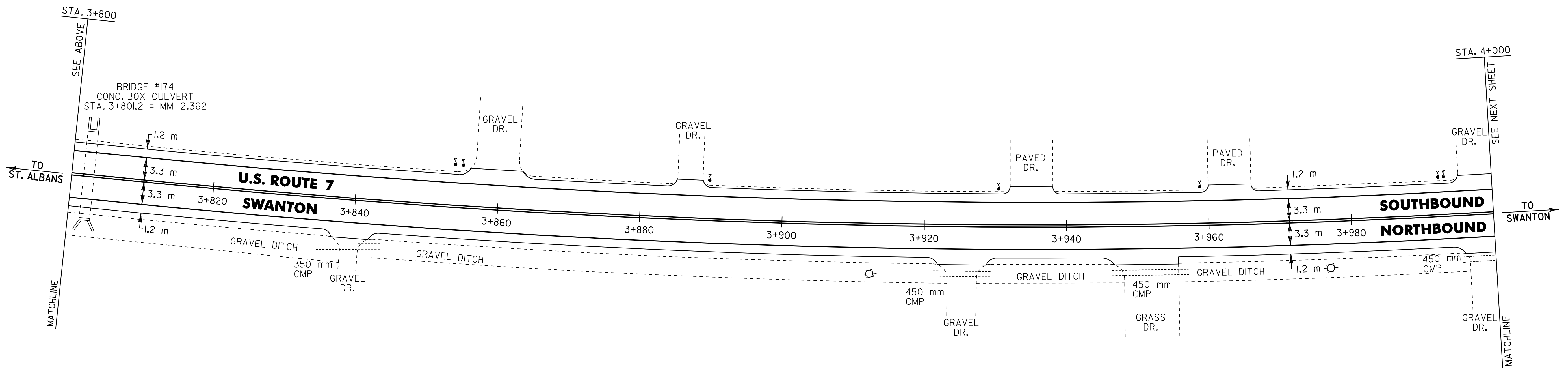
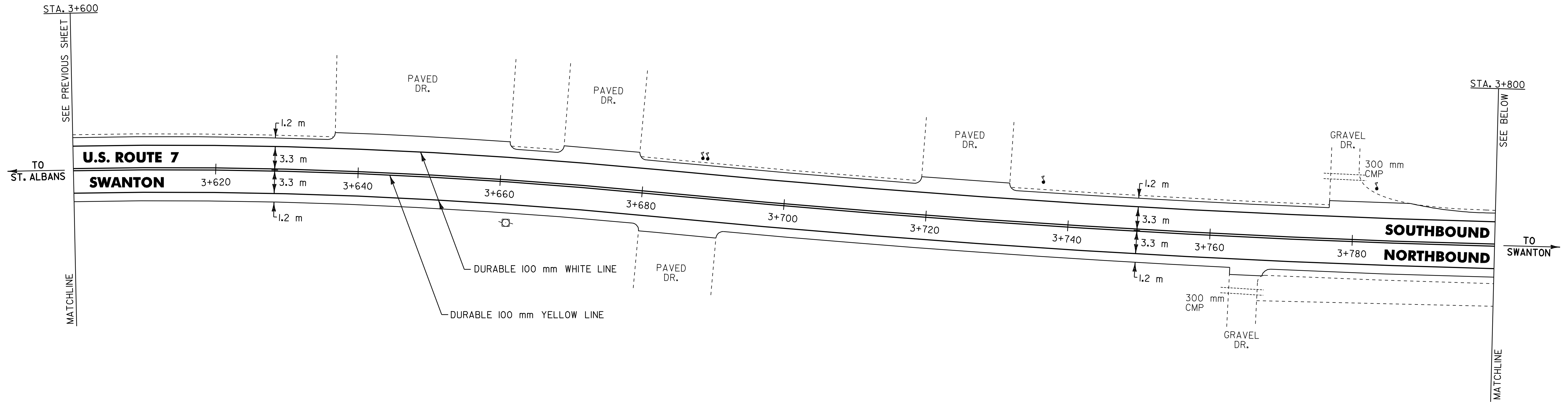
PLOT DATE: 16-SEP-2005

DRAWN BY: D-H

CHECKED BY: D-H

SHEET 73 OF 89





NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.

4) EW = EXISTING ROADWAY WIDTH.

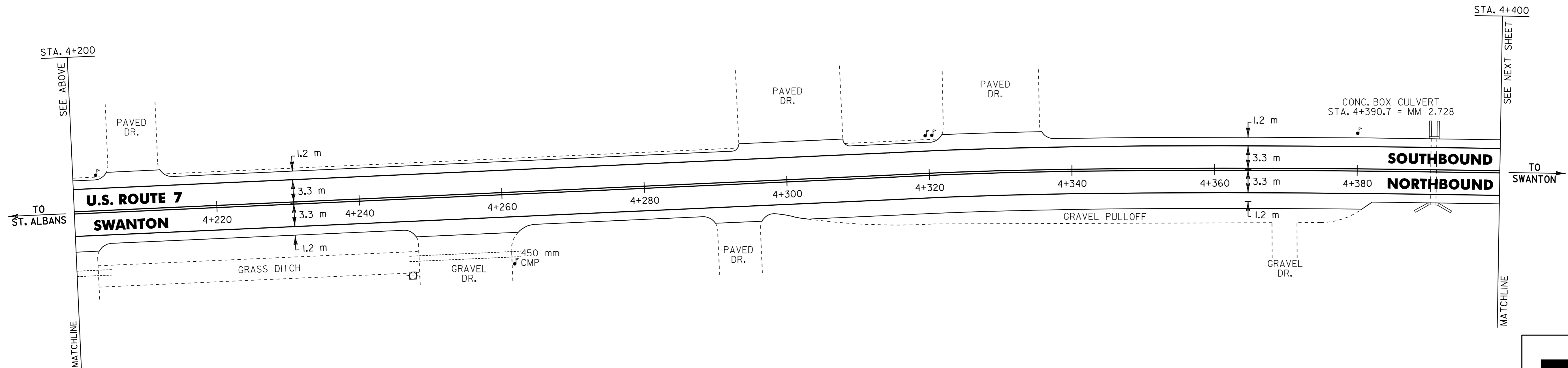
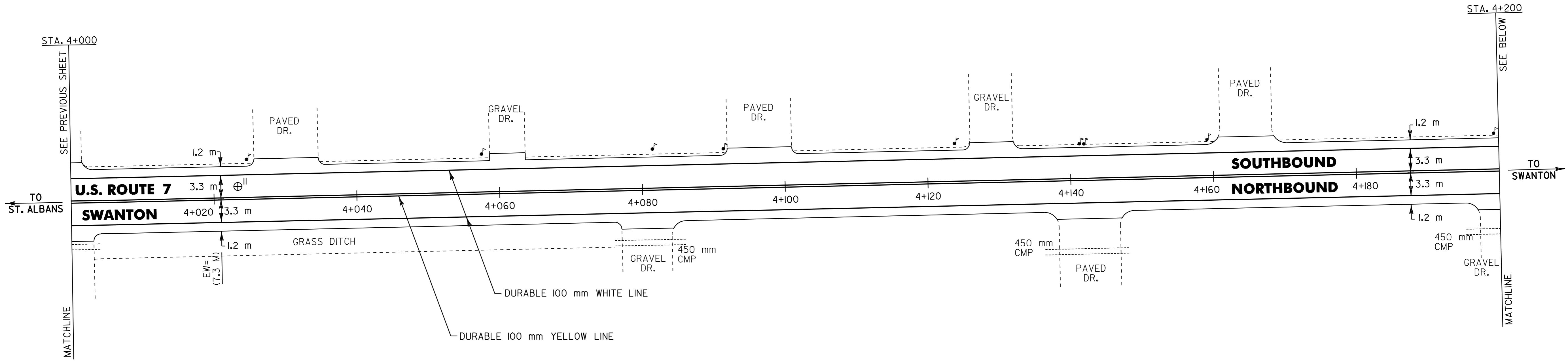
**LAYOUT SHEET #18**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016I18.I

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 74 OF 89





- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
II	4+023.4, LT.	191	NO

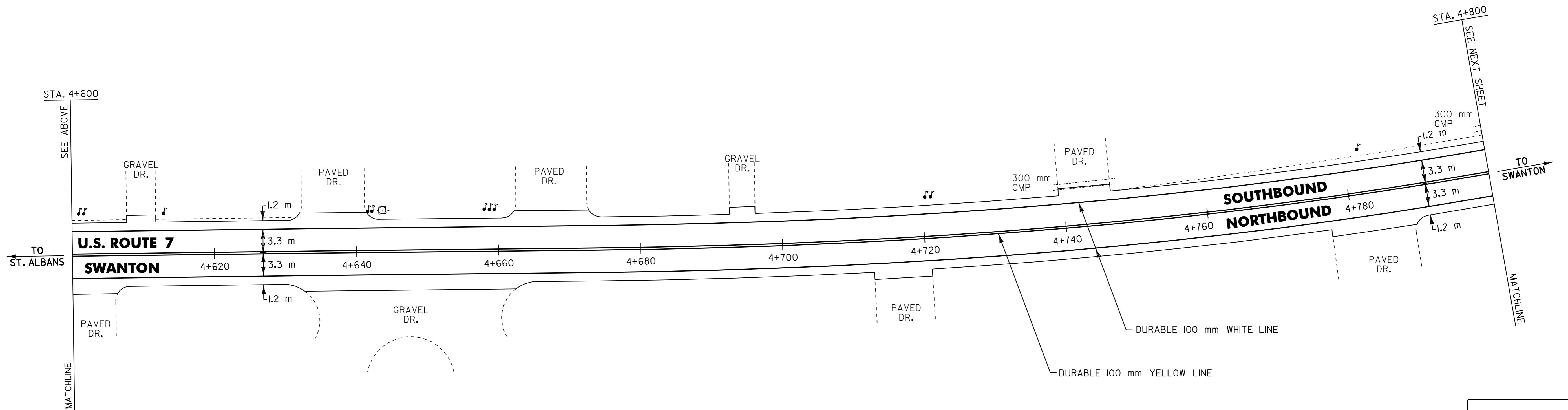
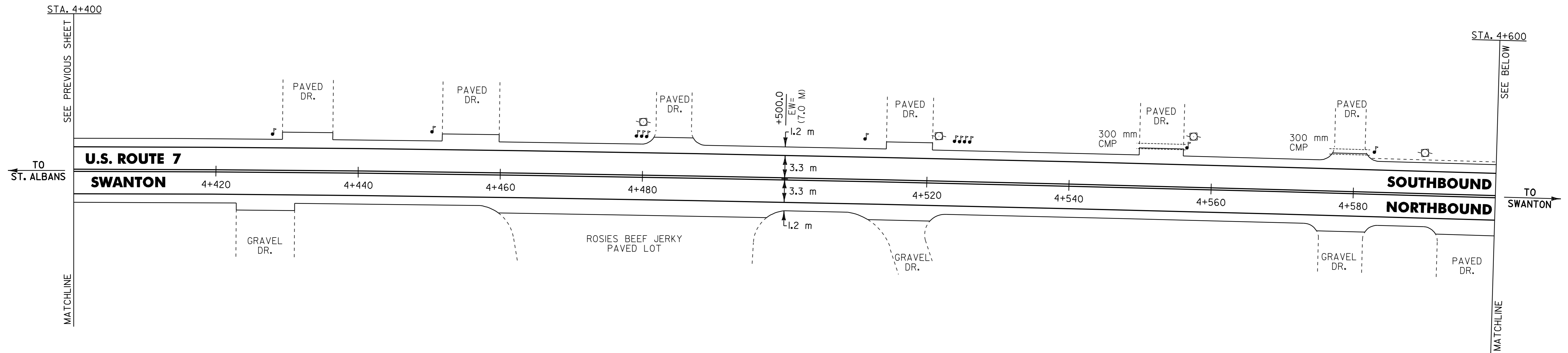
**LAYOUT SHEET #19**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016I19.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 75 OF 89





NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.

4) EW = EXISTING ROADWAY WIDTH.

**LAYOUT SHEET #20**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(1)S

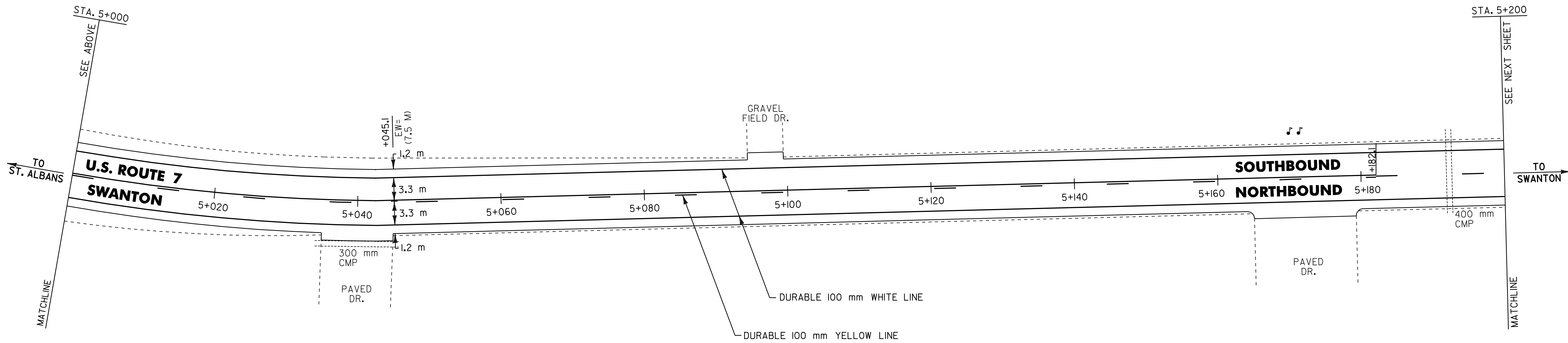
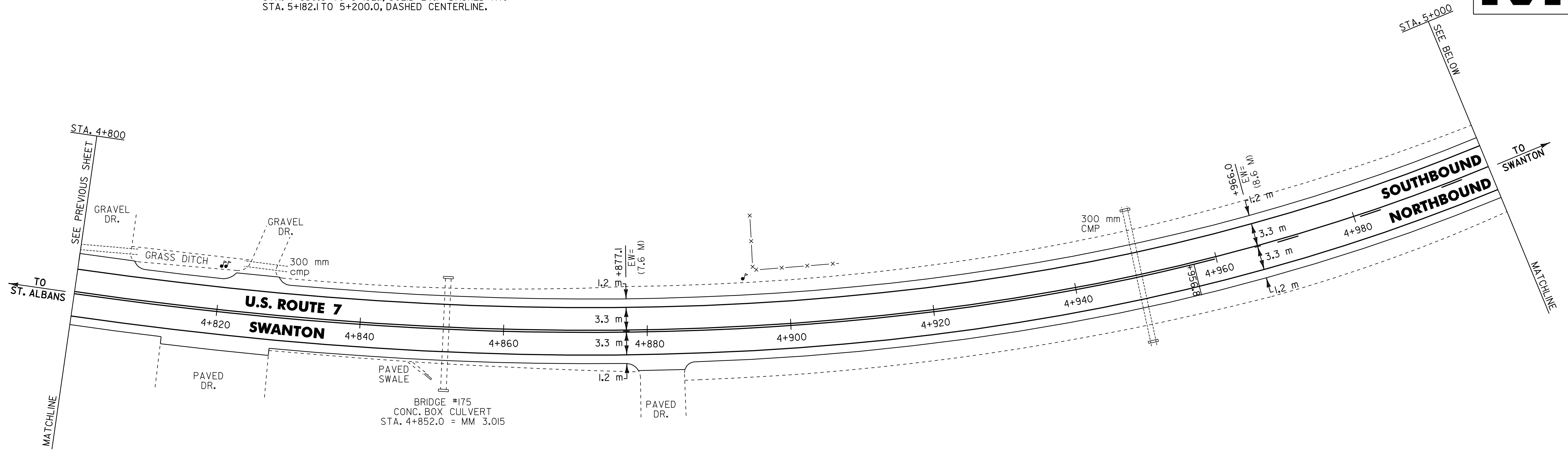
FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i20.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 76 OF 89



TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)  
 STA. 4+800.0 TO 5+200.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)  
 STA. 4+800.0 TO 4+956.8, SOLID LT. & RT.  
 STA. 4+956.8 TO 5+182.1, SOLID LT./ DASHED RT.  
 STA. 5+182.1 TO 5+200.0, DASHED CENTERLINE.



NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.

4) EW = EXISTING ROADWAY WIDTH.

**LAYOUT SHEET #21**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i21.i

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 77 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.1)**  
 STA. 5+200.0 TO 5+600.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAK FOR WOODS HILL RD.)  
 STA. 5+502.4, DOUBLE SOLID RT. (WOODS HILL RD. EDGELINES)

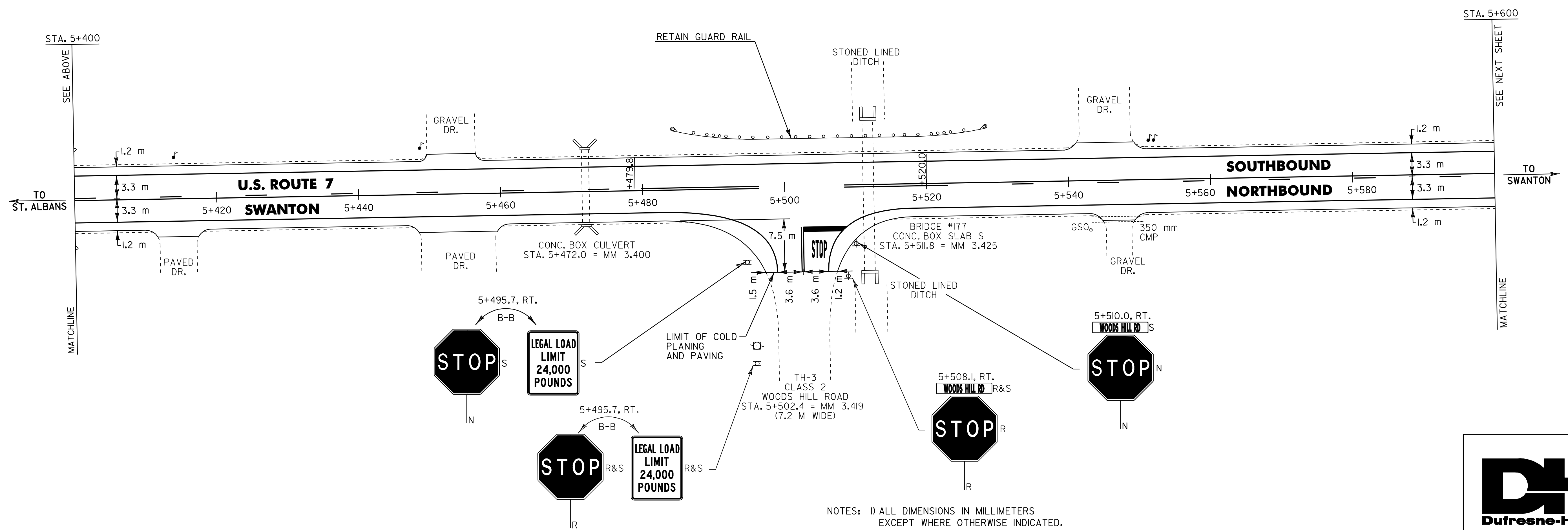
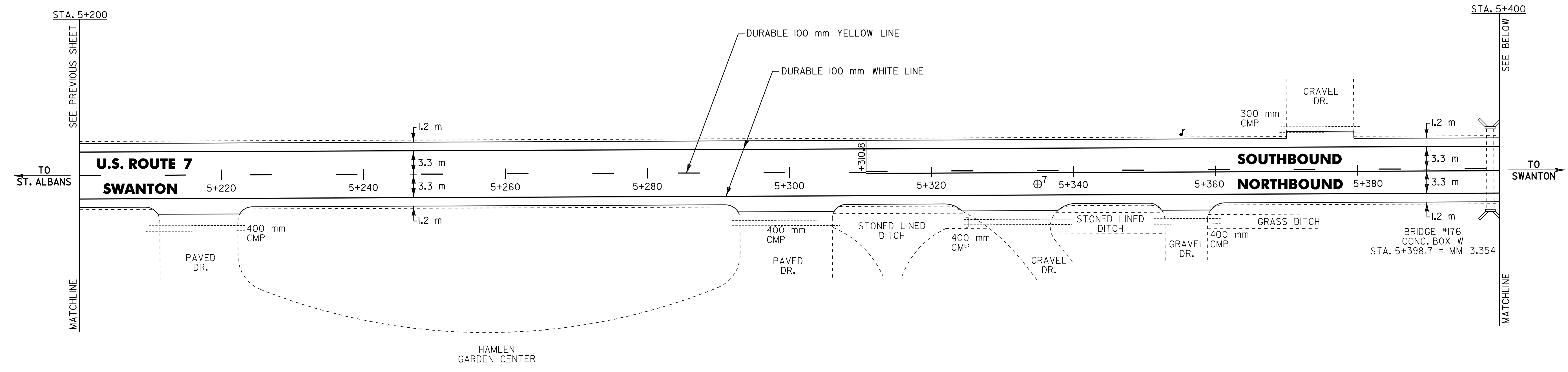
**TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.1)**  
 STA. 5+200.0 TO 5+310.8, DASHED CENTERLINE  
 STA. 5+310.8 TO 5+479.8, DASHED LT./ SOLID RT.  
 STA. 5+479.8 TO 5+520.0, SOLID LT. & RT.  
 STA. 5+502.4, DOUBLE SOLID RT. (WOODS HILL RD. CENTERLINE)  
 STA. 5+520.0 TO 5+600.0, SOLID LT./ DASHED RT.

**TEMPORARY & DURABLE 600 mm STOP BAR (MOD.1)**  
 STA. 5+502.4, RT.

**TEMPORARY & DURABLE LETTER OR SYMBOL (MOD.1)**  
 STA. 5+502.4, RT - STOP

**ERECTING SALVAGED SIGNS**  
 AS SHOWN - 3

**REMOVING SIGNS**  
 AS SHOWN - 4



- NOTES:
- 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
  - 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
  - 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-12M & E-193M.
  - 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
7	5+335.0, RT.	203	NO

**LAYOUT SHEET #22**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S  
 FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i22.1

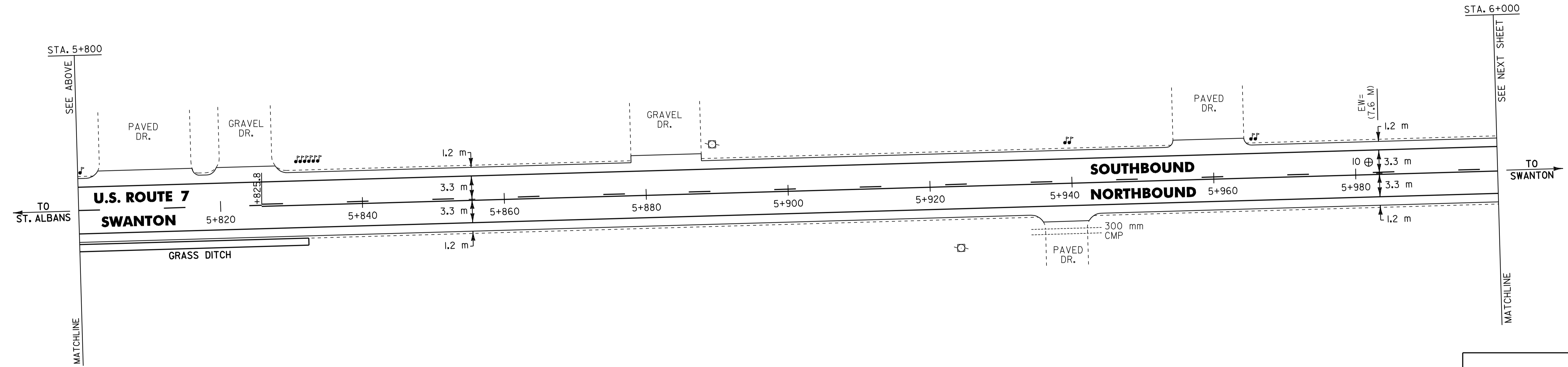
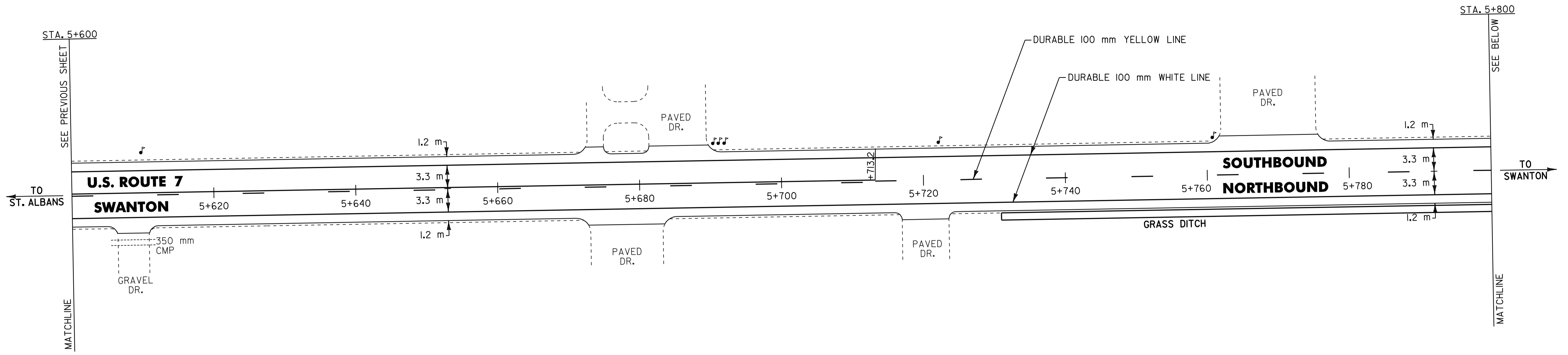
PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 78 OF 89



TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)  
 STA. 5+600.0 TO 6+000.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)  
 STA. 5+600.0 TO 5+713.2, SOLID LT./ DASHED RT.  
 STA. 5+713.2 TO 5+825.8, DASHED CENTERLINE  
 STA. 5+825.8 TO 6+000.0, DASHED LT./ SOLID RT.

DITCH CLEANING  
 STA. 5+730.9 TO 5+832.3, RT. (SITE 8)  
 (FOR DETAILS, SEE SHEET 52)



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
10	5+981.9, LT.	203	NO

<b>LAYOUT SHEET #23</b>	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: STP 2335(I)S
	FILE NAME: /pave/01c016/p01c016.dgn
	DESIGNED BY: D-H
	PLOT DATE: 16-SEP-2005
	DRAWN BY: D-H
	CHECKED BY: D-H
	SHEET 79 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)**  
 STA. 6+000.0 TO 6+400.0, SOLID LT. & RT.  
 (WITH EDGELINE BREAK FOR BEEBE RD.)  
 STA. 6+024.8, DOUBLE SOLID LT. (BEEBE RD. EDGELINES)

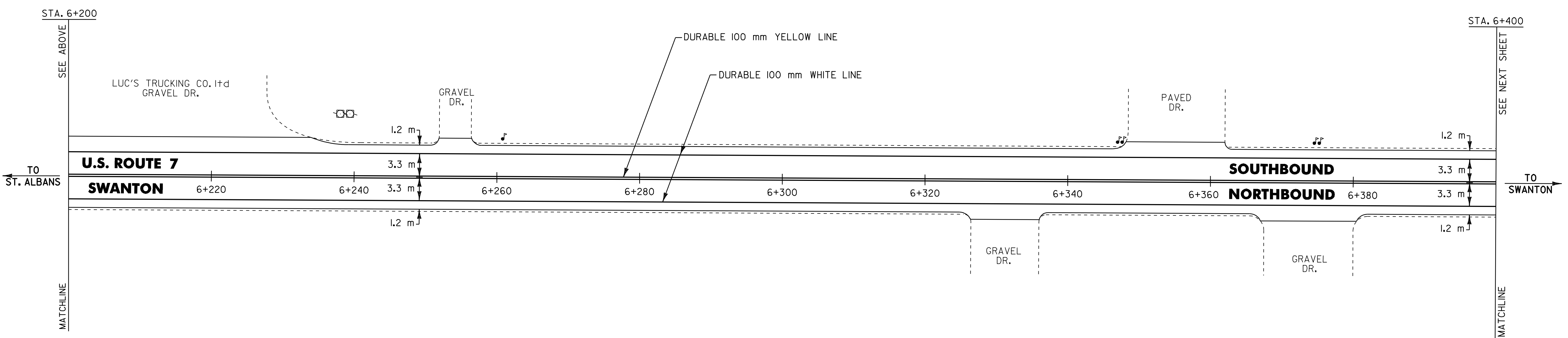
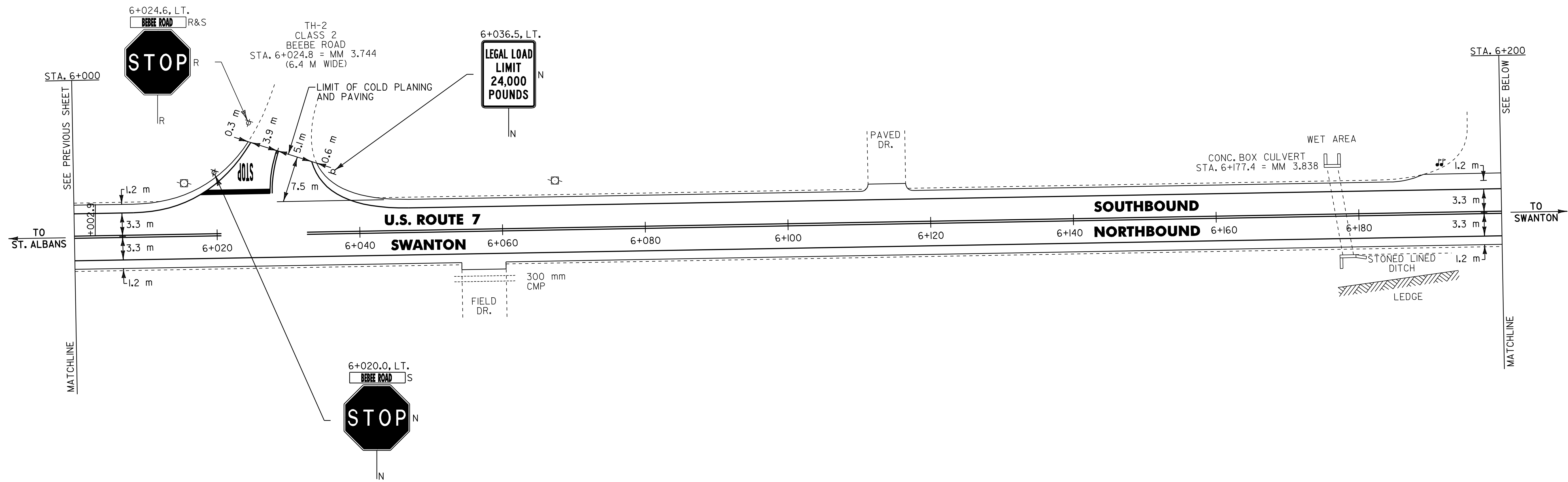
**TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)**  
 STA. 6+000.0 TO 6+002.9, DASHED LT./ SOLID RT.  
 STA. 6+002.9 TO 6+400.0, SOLID LT. & RT.  
 (WITH CENTERLINE BREAK FOR BEEBE RD.)  
 STA. 6+024.8, DOUBLE SOLID LT. (BEEBE RD. CENTERLINE)

**TEMPORARY & DURABLE 600 mm STOP BAR (MOD. I)**  
 STA. 6+024.8, LT.

**TEMPORARY & DURABLE LETTER OR SYMBOL (MOD. I)**  
 STA. 6+024.8, LT - STOP

**ERECTING SALVAGED SIGNS**  
 AS SHOWN - 1

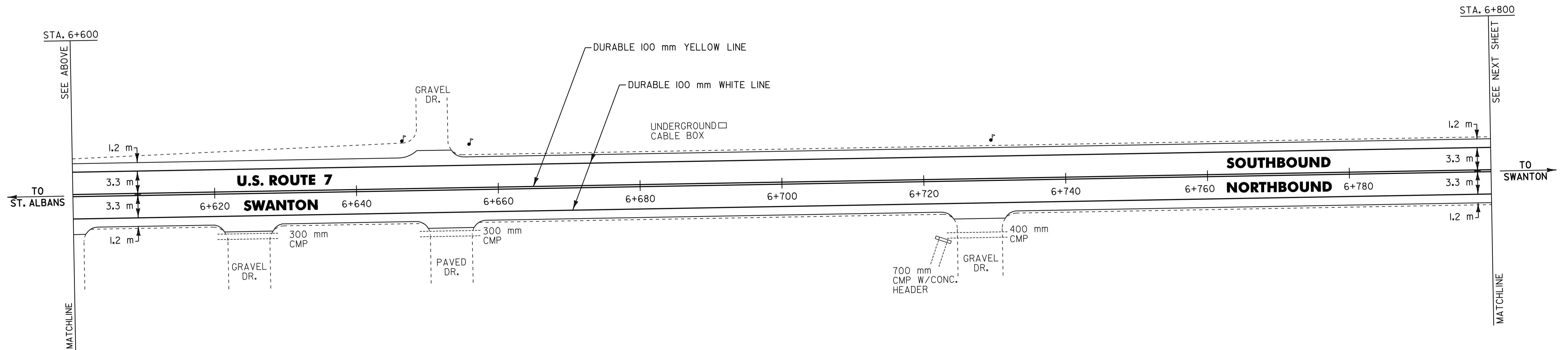
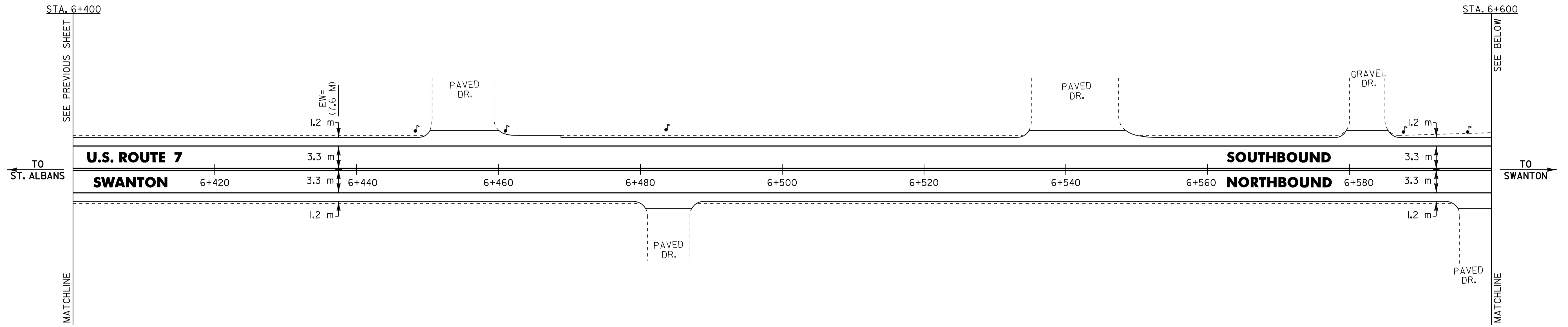
**REMOVING SIGNS**  
 AS SHOWN - 2



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.



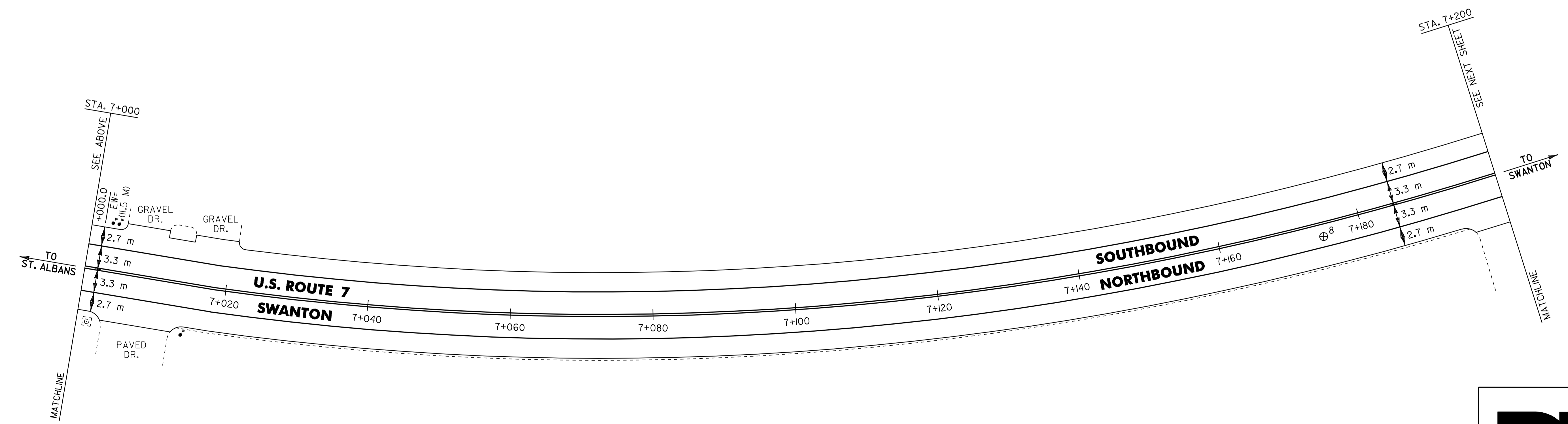
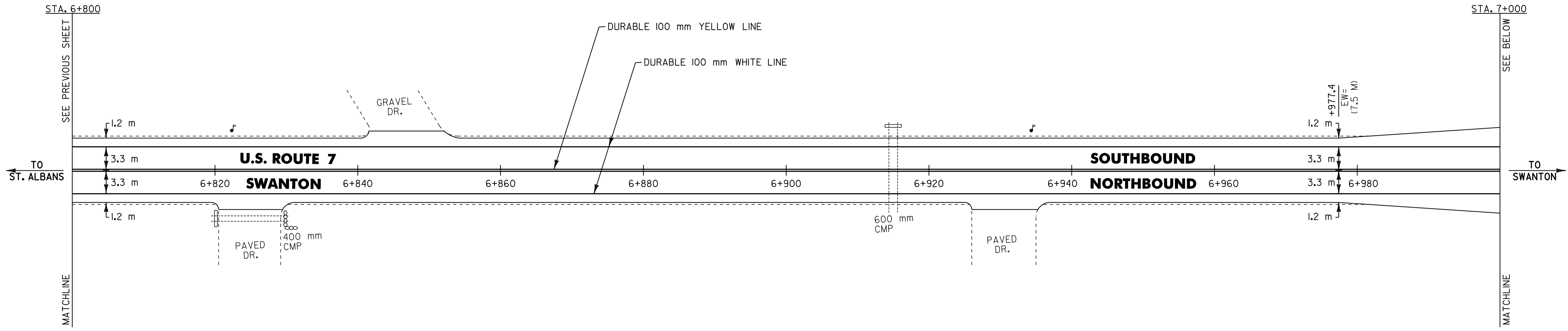
<b>LAYOUT SHEET #24</b>	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(1)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: p01c016124.1	SHEET 80 OF 89



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.



<b>LAYOUT SHEET #25</b>	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(I)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H
		IPARM FILE NAME: p01c016i25.i	



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

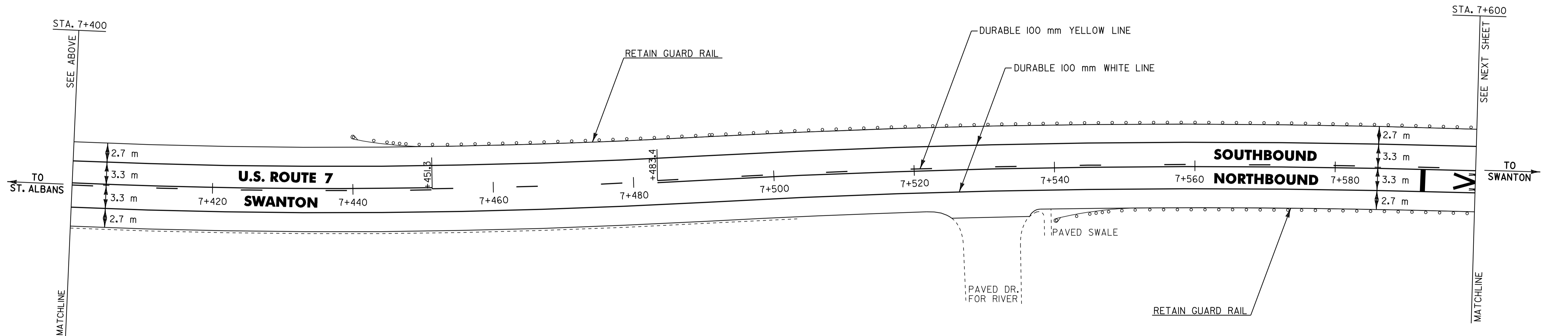
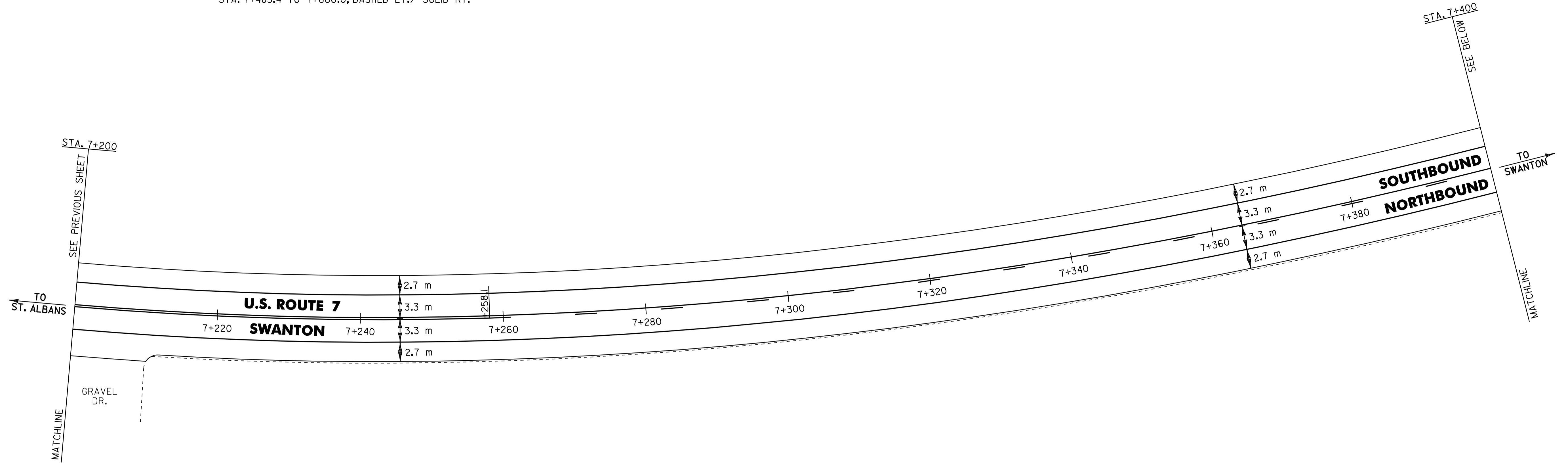
PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
8	7+174.5, RT.	165	NO

<b>LAYOUT SHEET #26</b>	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT NUMBER: STP 2335(I)S	PROJECT LEADER: JLL	DRAWN BY: D-H
		DESIGNED BY: D-H	CHECKED BY: D-H



TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.)  
 STA. 7+200.0 TO 7+600.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.)  
 STA. 7+200.0 TO 7+258.1, SOLID LT. & RT.  
 STA. 7+258.1 TO 7+451.3, SOLID LT./ DASHED RT.  
 STA. 7+451.3 TO 7+483.4, DASHED CENTERLINE  
 STA. 7+483.4 TO 7+600.0, DASHED LT./ SOLID RT.



NOTES: 1) ALL DIMENSIONS IN MILLIMETERS  
 EXCEPT WHERE OTHERWISE INDICATED.

2) ALL EXISTING SIGNS NOT SHOWN SHALL  
 BE RETAINED AS DIRECTED BY THE  
 RESIDENT ENGINEER.

3) FOR ANY TOWN HIGHWAY OR STREET  
 DETAILS, SEE VTrans STANDARDS E-121M  
 & E-193M.

4) EW = EXISTING ROADWAY WIDTH.

**LAYOUT  
 SHEET #27**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i27.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 83 OF 89



**TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)**  
 STA. 7+600.0 TO 8+020.0, SOLID LT. & RT.

**TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)**  
 STA. 7+600.0 TO 7+692.7, DASHED LT./ SOLID RT.  
 STA. 7+692.7 TO 8+020.0, SOLID LT. & RT.

**TEMPORARY & DURABLE RAILROAD CROSSING SYMBOL (MOD. I)**  
 STA. 7+600.0, RT -   
 STA. 7+950.0, LT. -

**REMOVING SIGNS**  
 AS SHOWN - 1

**REMOVAL AND DISPOSAL OF GUARD RAIL**  
 STA. 7+764.6 TO 7+776.0, LT.  
 STA. 7+796.2 TO 7+800.0, RT.  
 STA. 7+800.0 TO 7+807.6, LT.

**STEEL BEAM GUARD RAIL**  
 STA. 7+796.2 TO 7+800.0, RT.  
 STA. 7+800.0 TO 7+807.6, LT.

**ANCHOR FOR STEEL BEAM RAIL**  
 STA. 7+796.2, RT.  
 STA. 7+803.8, LT. (2)

**MANUFACTURED TERMINAL SECTION (FLARED)**  
 STA. 7+764.6 TO 7+776.0, LT.

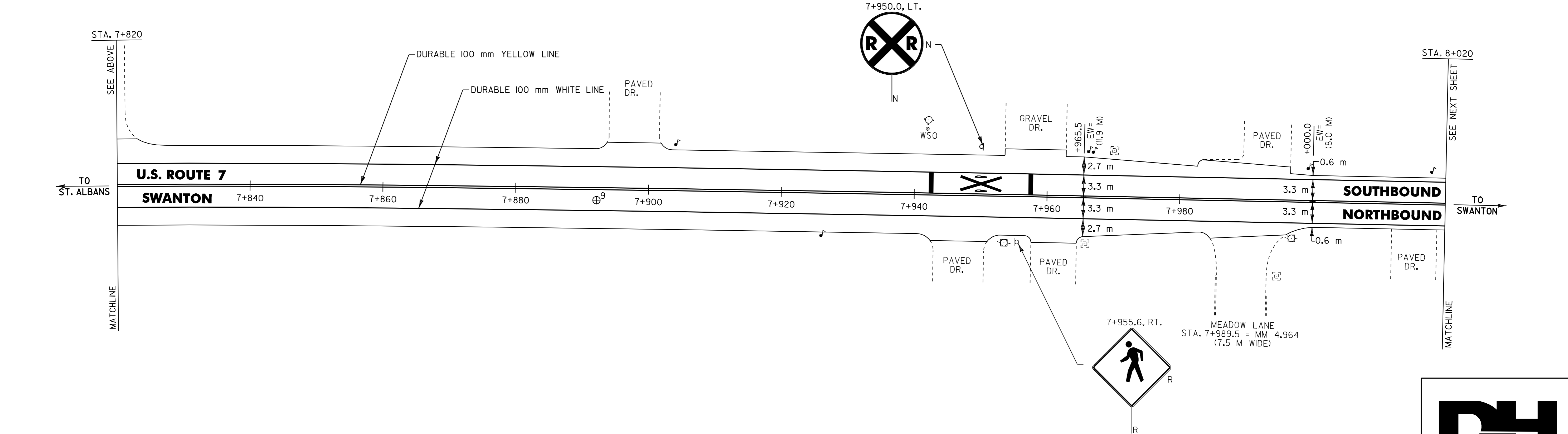
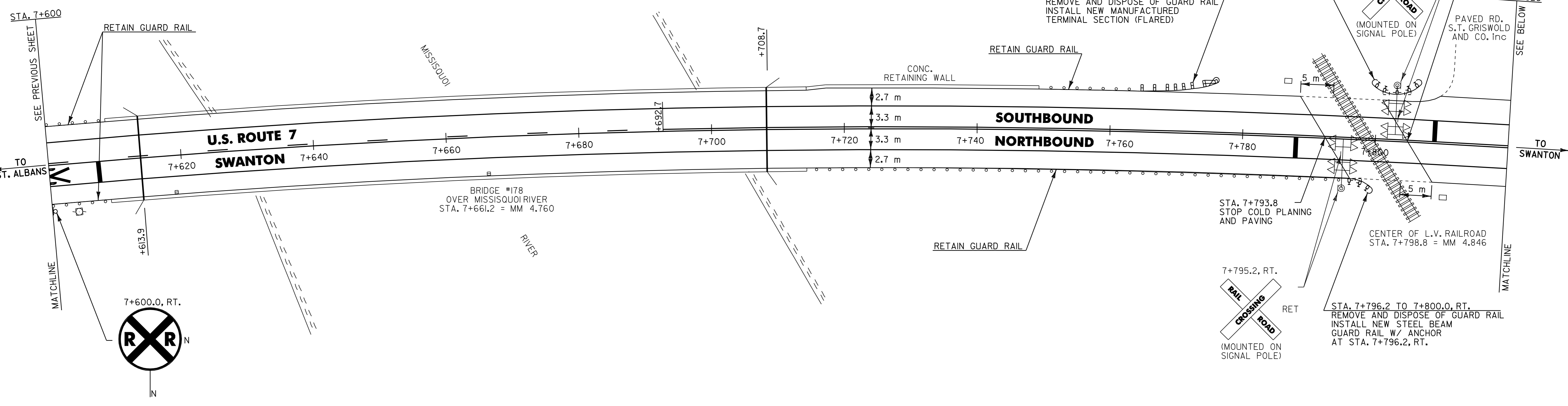
STA. 7+800.0 TO 7+807.6, LT.  
 REMOVE AND DISPOSE OF GUARD RAIL  
 INSTALL NEW STEEL BEAM  
 GUARD RAIL W/ ANCHORS  
 AT STA. 7+803.8, LT.

STA. 7+764.6 TO 7+776.0, LT.  
 REMOVE AND DISPOSE OF GUARD RAIL  
 INSTALL NEW MANUFACTURED  
 TERMINAL SECTION (FLARED)

7+803.4, LT.  
  
 RET  
 (MOUNTED ON SIGNAL POLE)

STA. 7+804.8  
 RESUME COLD  
 PLANING AND  
 PAVING

PAVED RD.  
 S.T. GRISWOLD  
 AND CO. Inc



- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.  
 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.  
 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-12IM & E-193M.  
 4) EW = EXISTING ROADWAY WIDTH.

⊕ CORE LOCATION

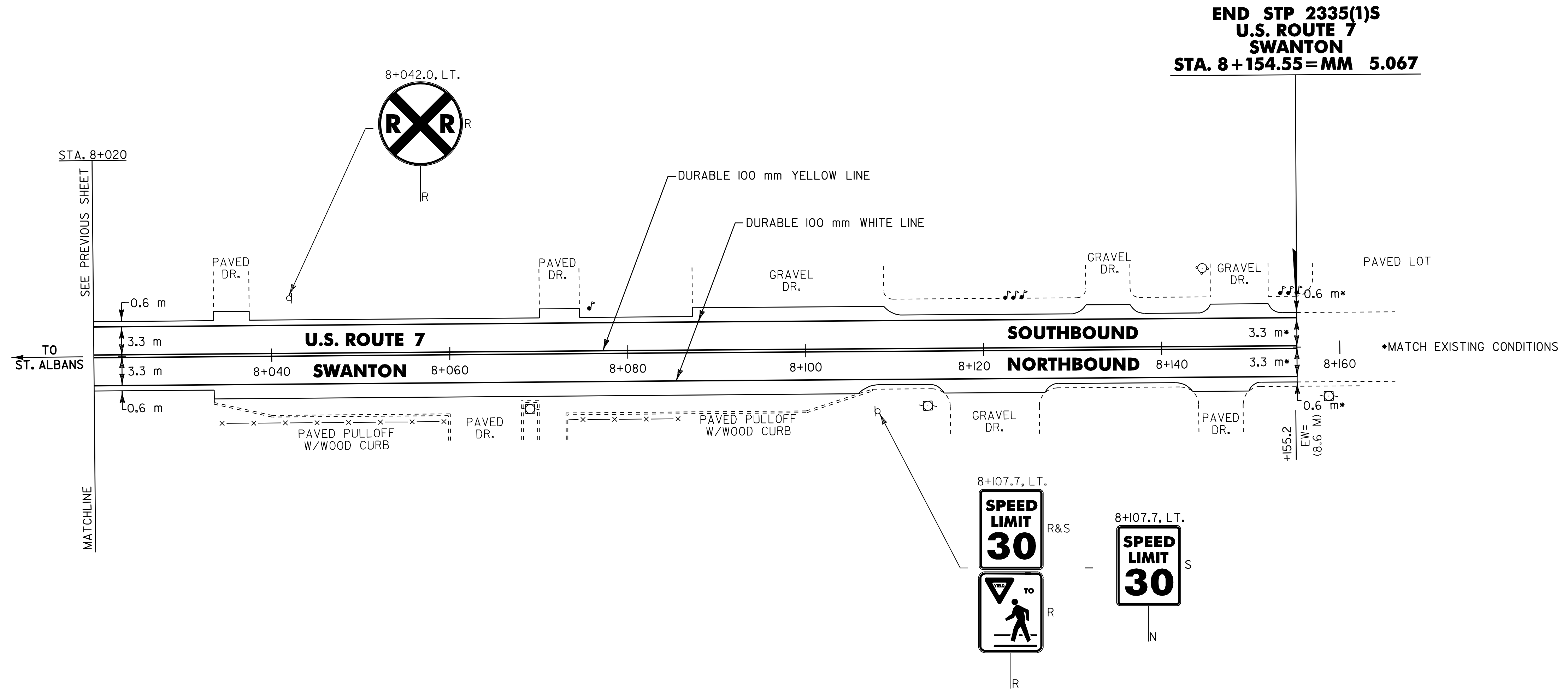
PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
9	7+892.2, RT.	191	NO

**LAYOUT SHEET #28**

PROJECT NAME: ST. ALBANS - SWANTON  
 PROJECT NUMBER: STP 2335(I)S  
 FILE NAME: /pave/01c016/p01c016.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: D-H  
 IPARM FILE NAME: p01c016i28.1

PLOT DATE: 16-SEP-2005  
 DRAWN BY: D-H  
 CHECKED BY: D-H  
 SHEET 84 OF 89





END STP 2335(1)S  
 U.S. ROUTE 7  
 SWANTON  
 STA. 8+154.55 = MM 5.067

- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARDS E-121M & E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

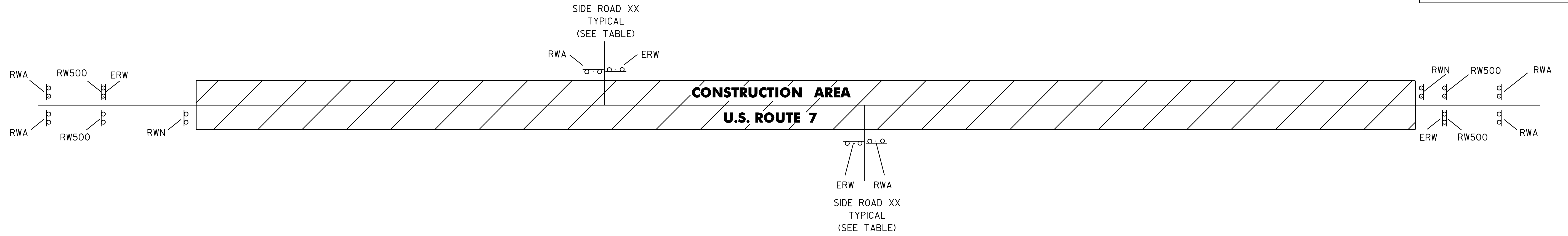
<b>LAYOUT SHEET #29</b>	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: STP 2335(1)S
	FILE NAME: /pave/01c016/p01c016.dgn
	IPARM FILE NAME: p01c016i29.i
	PLOT DATE: 16-SEP-2005
	DRAWN BY: D-H
	CHECKED BY: D-H
	SHEET 85 OF 89











**CONSTRUCTION APPROACH SIGNING**

SEE VTrans STANDARD E-100M FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	RWN
<b>ST. ALBANS TOWN</b>				
BEGIN PROJECT	1	2	2	1
SEYMOUR ROAD	1		1	
VT ROUTE 207	1		1	
TH-12 JEWETT AVE.	1		1	
<b>SWANTON</b>				
TH-62 MOUNTAIN VIEW DRIVE	1		1	
TH-66 COUNTRY CLUB ESTATES	1		1	
TH-58 SUGAR MAPLE DRIVE	1		1	
TH-62 MOUNTAIN VIEW DRIVE	1		1	
TH-33 COMSTOCK ROAD	1		1	
TH-48 LIME KILN ROAD	1		1	
TH-35 BACHAND ROAD	1		1	
TH-32 PENELL DRIVE	1		1	
TH-3 WOODS HILL ROAD	1		1	
TH-2 BEEBE ROAD	1		1	
END PROJECT	1	2	2	1
TOTAL	15	4	17	2

**LEGEND**

- ERW = END ROAD WORK
- RW500 = ROAD WORK 500 FT
- RWA = ROAD WORK AHEAD
- RWN = ROAD WORK NEXT 6¾ MILES

**UTILITY LOCATIONS\***  
(FOR INFORMATIONAL PURPOSES ONLY)

**U.S. ROUTE 7**

STATION	POSITION	DESCRIPTION
<b>ST. ALBANS TOWN</b>		
2+325.0	RT	WSO (IN GREEN BELT)
2+439.7	LT	SMH (IN GREEN BELT)
2+654.0	RT	DI (IN GRAVEL DITCH)
2+772.2	LT	SMH (IN PAVED LOT)
2+801.0	RT	DI (IN GRAVEL DITCH)
2+837.5	LT	SMH (IN GREEN BELT)
3+001.6	LT	SMH (IN GREEN BELT)
3+059.6	RT	WSO
3+061.0	RT	WSO
3+071.4	LT	SMH (IN GREEN BELT)
3+089.6	RT	WSO (IN GREEN BELT)
3+099.2	RT	WSO (IN GREEN BELT)
3+107.9	LT	SMH (IN GREEN BELT)
3+128.0	LT	GSO
<b>SWANTON</b>		
5+543.2	RT	GSO (IN GREEN BELT)
7+001.8	RT	DI (IN GREEN BELT)
7+619.0	RT	SCUPPER DRAIN
7+666.2	RT	SCUPPER DRAIN
7+942.0	LT	WSO (IN GREEN BELT)
7+965.5	RT	DI (IN GREEN BELT)
7+970.1	LT	DI (IN GREEN BELT)
7+995.4	RT	DI (IN GREEN BELT)

\* NOTE: THE UTILITY LOCATIONS AND DESCRIPTIONS SHOWN ABOVE ARE APPROXIMATE AND ARE BASED ON INFORMATION OBTAINED FROM FIELD REVIEWS AND/OR RECORD UTILITY PLANS AS SUPPLIED BY THE MUNICIPALITY. REFER TO THE SPECIAL PROVISIONS FOR CONTACT PERSONS OF PRIVATE UTILITY COMPANIES.

**ADJUST ELEVATION OF VALVE BOX**  
(ITEM 629.20)

**U.S. ROUTE 7**

STATION	POSITION	DESCRIPTION
<b>ST. ALBANS TOWN</b>		
3+059.6	RT	WSO
3+061.0	RT	WSO



**CONSTRUCTION APPROACH SIGNING, UTILITY & STRUCTURE LOCATIONS**

PROJECT NAME: ST. ALBANS - SWANTON  
PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: D-H  
IPARM FILE NAME: p01c016cs.1

PLOT DATE: 16-SEP-2005  
DRAWN BY: D-H  
CHECKED BY:  
SHEET 89 OF 89