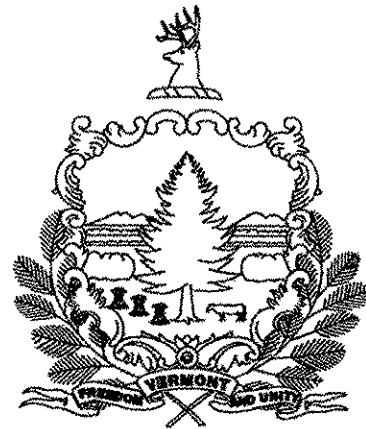
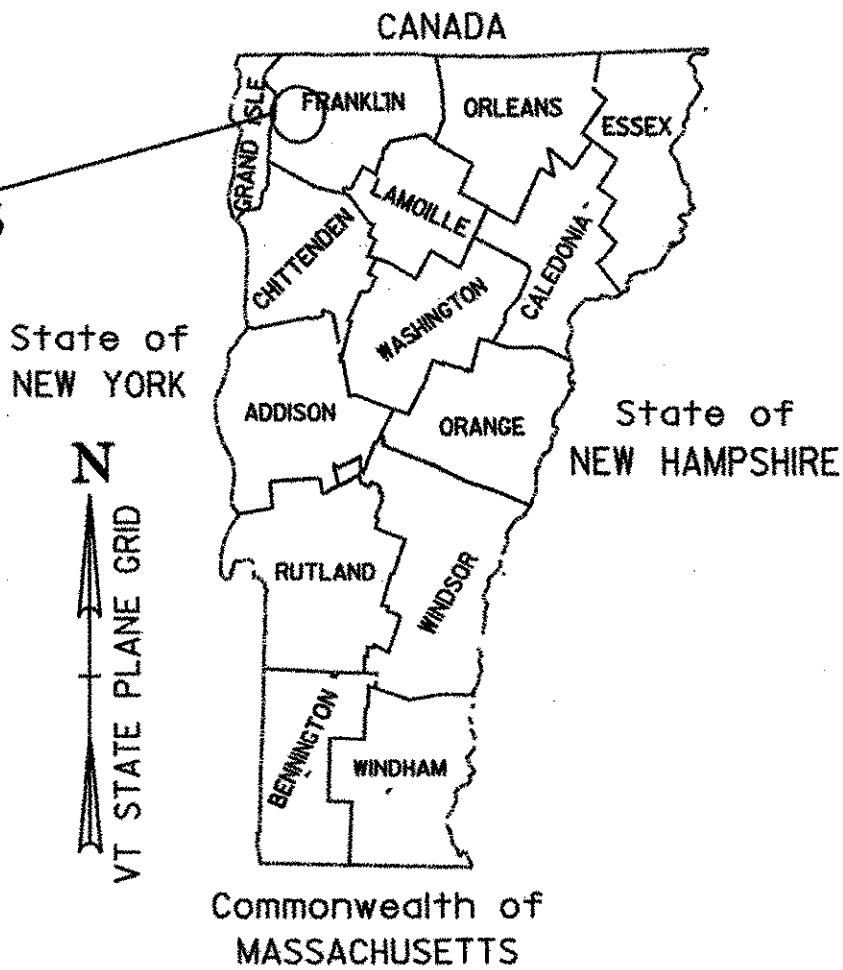


INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



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 *D. Warner* RESIDENT ENGINEER

DATE *12/12/05*

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.

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

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)

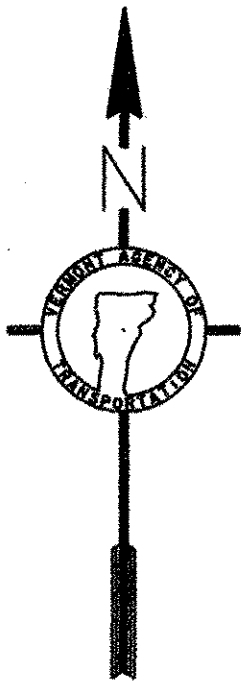
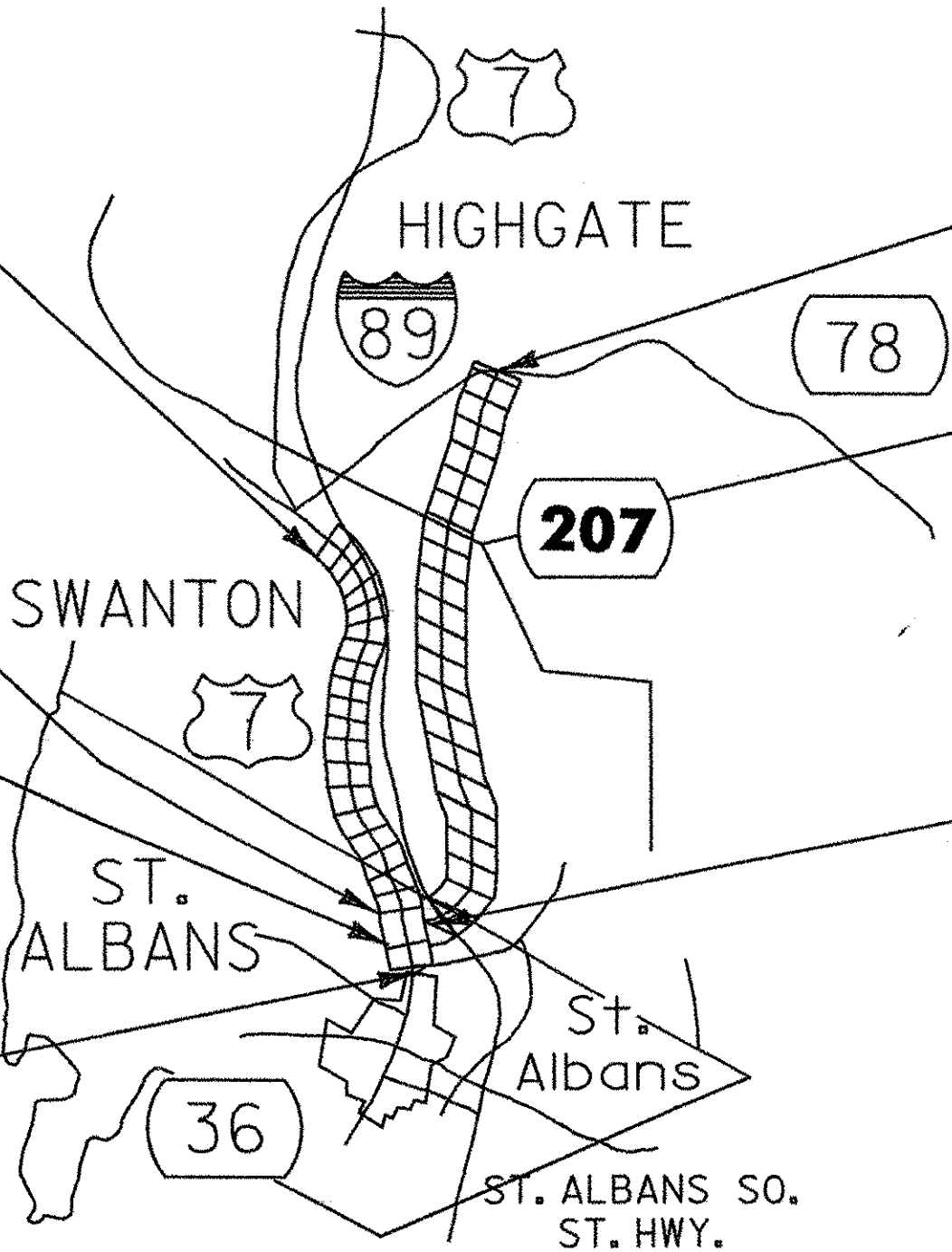
RESUME STP 2335(1)S
US ROUTE 7
ST. ALBANS TOWN
STA. 3+514.81 (MM 2.184)

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 *[Signature]* DATE *3/4/04*

PROJECT MANAGER :

PROJECT NAME AND NUMBER:
ST. ALBANS - HIGHGATE AC STP 2114(1)S AND
ST. ALBANS - SWANTON AC STP 2335(1)S

SHEET 1 OF 89 SHEETS

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COMPOSITE SHEETS

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7	PROJECT TYPICAL SHEET
8	TRANSITION AREA AND GUTTER DETAIL SHEET
9	GUARD RAIL TERMINAL CONNECTOR AND SPAN DETAILS
10	VEHICLE DETECTOR LOOPS, PAVEMENT MARKINGS AND TRAFFIC SIGN DETAIL SHEET
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86-88	TRAFFIC SIGN SUMMARY SHEETS
89	CONSTRUCTION APPROACH SIGNING AND STRUCTURE LOCATION SHEET

VTrans STANDARDS

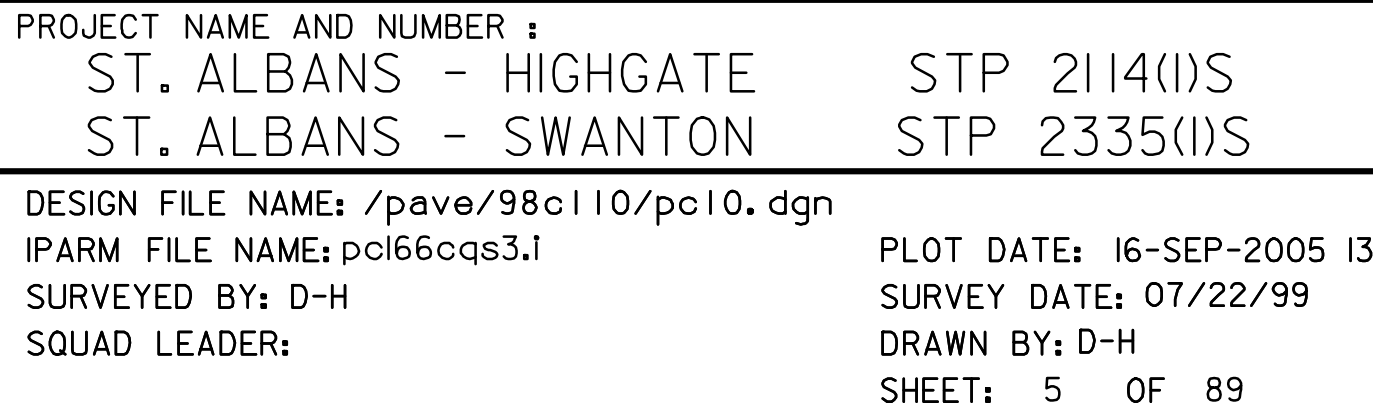
C-1M	TREATED TIMBER CURB	01-03-00
D-15M	CAST IRON GRATE, TYPE D	06-13-97
E-100M	CONSTRUCTION APPROACH SIGNS	06-13-97
E-100AM	SIDE ROAD CONSTRUCTION APPROACH SIGNS	02-02-98
E-101M	CONSTRUCTION SIGN DETAILS	05-30-03
E-102M	CONSTRUCTION SIGN DETAILS	06-30-03
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-103M	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

	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			I	261	m³	EARTH BORROW	203.30							
			97				97	M	SHOULDER BERM REMOVAL	203.99							
			0.5			0.5	I	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	I	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							
						I	I	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							
						I	I	T	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15							
			29			40	69	m³	STONE FILL, TYPE I	613.10							
			I				I	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 ST. ALBANS - SWANTON			STP 2114(I)S STP 2335(I)S		
												DESIGN FILE NAME: /pave/98c110/pcl0.dgn IPARM FILE NAME: pcll0cqsl.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		



SUMMARY OF ESTIMATED QUANTITIES												DETAILED SUMMARY OF QUANTITIES			DETAILED SUMMARY OF QUANTITIES		
ST. ALBANS - SWANTON STP 2335(I)S				ST. ALBANS - HIGHGATE STP 2114(I)S													
	EMPLOYEE TRAINEE- SHIP	BRIDGE	ROADWAY	EMPLOYEE TRAINEE- SHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND	QUANTITIES	UNIT	ITEMS	QUANTITIES	UNIT	ITEMS
			90			450	540	M	STEEL BEAM GUARD RAIL	621.20							
			430				430	M	STEEL BEAM GUARD RAIL W/2.4 METER POSTS (MOD.)	621.20							
			7			14	21	EA	MANUFACTURED TERMINAL SECTION (FLARED)	621.505							
						4	4	EA	TERMINAL CONNECTOR FOR STEEL BEAM GUARD RAIL	621.53							
			6			4	10	EA	ANCHOR FOR STEEL BEAM RAIL	621.60							
			97				97	M	REMOVING AND RESET GUARD RAIL	621.75							
			21				21	EA	REPLACE GUARD RAIL POST ASSEMBLY	621.76							
			11				11	EA	REPLACE GUARD RAIL BEAM UNIT	621.77							
			660			480	1140	M	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80							
			2			1	3	EA	ADJUST ELEVATION OF VALVE BOX	629.20							
			650			720	1370	HR	UNIFORMED TRAFFIC OFFICERS	630.10							
			4600			4600	9200	HR	FLAGGERS	630.15							
			0.5			0.5	1	LS	FIELD OFFICE - ENGINEERS	631.10							
			0.5			0.5	1	LS	TESTING EQUIPMENT - BITUMINOUS (MOD.)	631.17							
			0.5			0.5	1	LU	FIELD OFFICE - TELEPHONE (NOT A BID ITEM)	631.25							
	520			520			1040	HR	EMPLOYEE TRAINEESHIP	634.10							
			0.5			0.5	1	LS	MOBILIZATION	635.10							
			3			5	8	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15							
			10320			12155	22475	M	DURABLE 100 mm WHITE LINE	646.40							
			11550				11550	M	DURABLE 100 mm WHITE LINE (MOD. 1)	646.40							
						10145	10145	M	DURABLE 100 mm WHITE LINE (MOD. 2)	646.40							
			9450			10575	20025	M	DURABLE 100 mm YELLOW LINE	646.41							
			10200				10200	M	DURABLE 100 mm YELLOW LINE (MOD. 1)	646.41							
						8925	8925	M	DURABLE 100 mm YELLOW LINE (MOD. 2)	646.41							
						1520	1520	M	DURABLE 150 mm WHITE LINE	646.414							
						1150	1150	M	DURABLE 150 mm YELLOW LINE	646.415							
			210			170	380	M	DURABLE 200 mm YELLOW LINE	646.43							
			12			370	382	M	DURABLE 300 mm WHITE LINE	646.44							
			85			59	144	M	DURABLE 600 mm STOP BAR	646.46							
			18				18	M	DURABLE 600 mm STOP BAR (MOD. 1)	646.46							
						31	31	M	DURABLE 600 mm STOP BAR (MOD. 2)	646.46							
			76			72	148	EA	DURABLE LETTER OR SYMBOL	646.50							
			16				16	EA	DURABLE LETTER OR SYMBOL (MOD. 1)	646.50							
						33	33	EA	DURABLE LETTER OR SYMBOL (MOD. 2)	646.50							
															PROJECT NAME AND NUMBER :		
															ST. ALBANS - HIGHGATE STP 2114(I)S		
															ST. ALBANS - SWANTON STP 2335(I)S		
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															SQUAD LEADER:		
															PLOT DATE: 16-SEP-2005 13		
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															DRAWN BY: D-H		
															SHEET: 4 OF 89		

QUANTITY SHEET



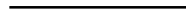
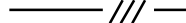
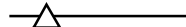
6	TITLE SHEET
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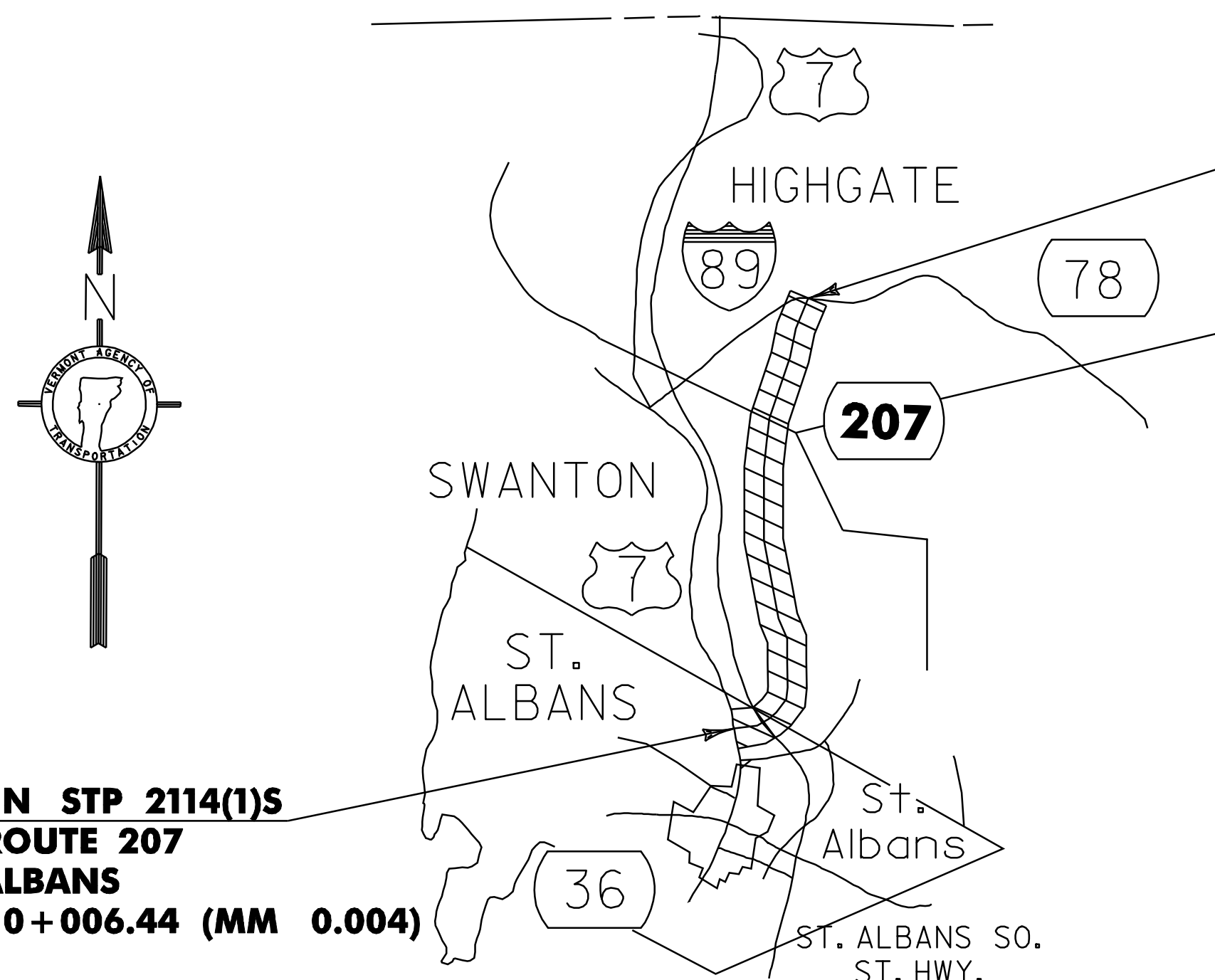
The Seal of the State of Vermont is a black and white emblem. At the top is a Phrygian cap (liberty cap) on a pedestal. Below it is a shield containing a landscape with a large evergreen tree in the center, a cow on the left, and a plow on the right. The shield is flanked by a laurel wreath. At the bottom is a ribbon with the words "FREEDOM VERMONT AND UNITY".

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 HIGGATE.

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
TOTAL PROJECT LENGTH	<u>11574.40</u>	<u>7.192</u>
TOTAL ROADWAY LENGTH	11574.40	7.192

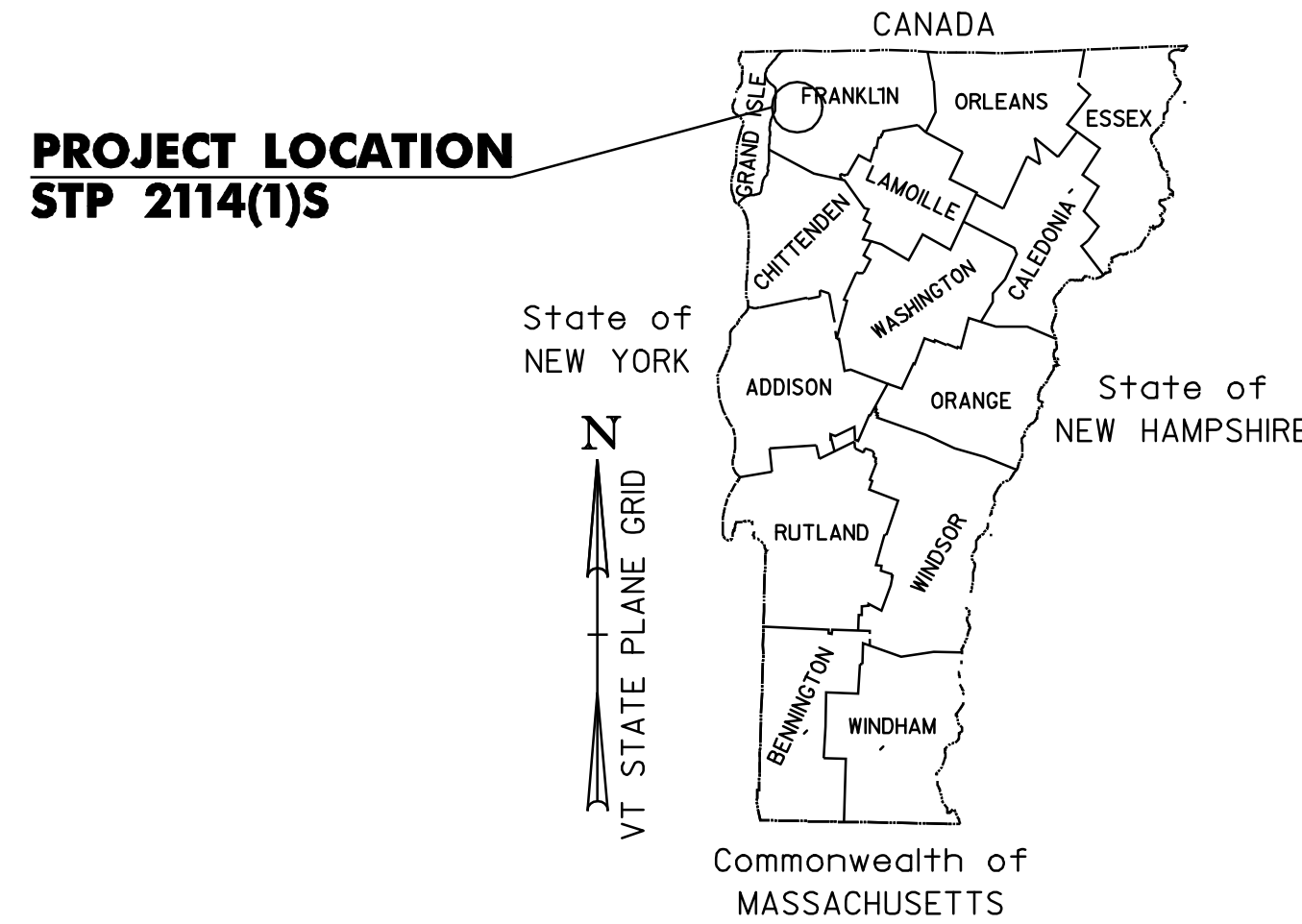
END STP 2114(1)S
VT ROUTE 207
HIGHGATE
STA. 3+199.38 (MM 1.988)

		<u>UTILITY LEGEND</u>  = EXISTING HYDRANT  = EXISTING DI  = EXISTING MANHOLE  = EXISTING TELEPHONE MANHOLE  = EXISTING ELECTRIC MANHOLE  = EXISTING SEWER MANHOLE  = EXISTING WATER SHUTOFF  = EXISTING GAS SHUTOFF  = EXISTING MAILBOX
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 	<u>SIGN LEGEND</u> 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	



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

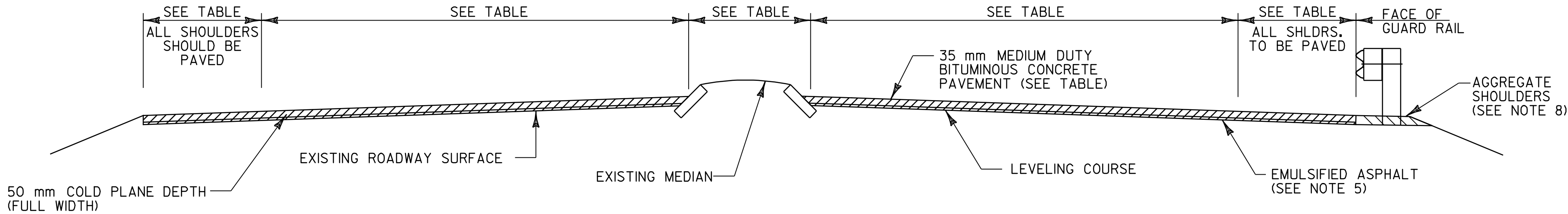
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS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



PROJECT	ADT		DHV		ESALS
	200I	20II	200I	20II	(200I-20II)
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

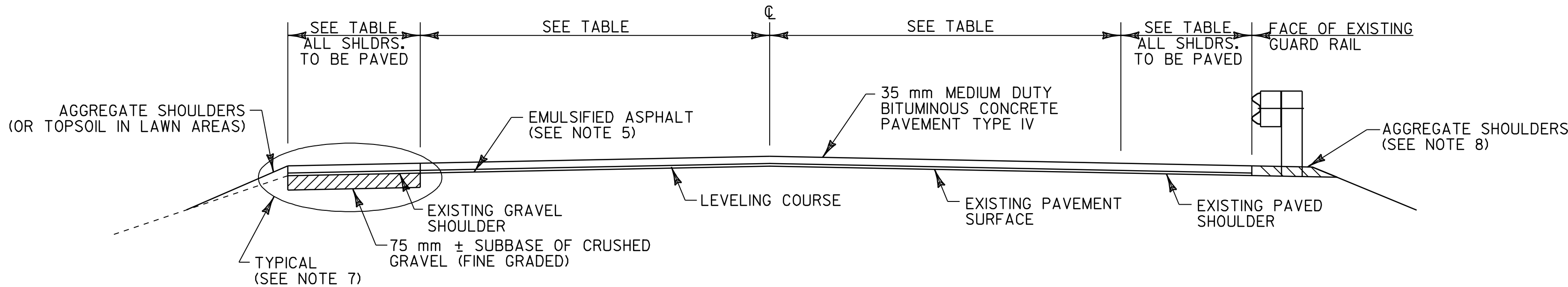
MAOT **Metric**
UNLESS NOTED OTHERWISE
STATIONS ARE IN KILOMETERS
ELEVATIONS ARE IN METERS
DIMENSIONS ARE IN MILLIMETER

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



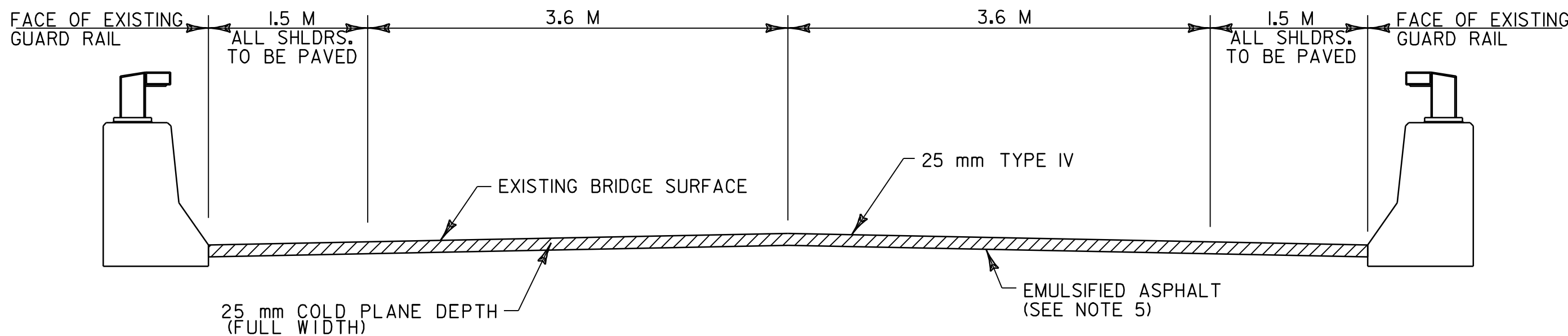
COLD PLANE TYPICAL SECTION WITH MEDIAN ISLAND

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	VARIES, 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	VARIES, 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

NOTES

- 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.
 - 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.
 - 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.
 - 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 CONTACTOR 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.
- 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/m² OR AS DIRECTED BY THE ENGINEER.
 - MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
 - 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.

- 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.).
- 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 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.

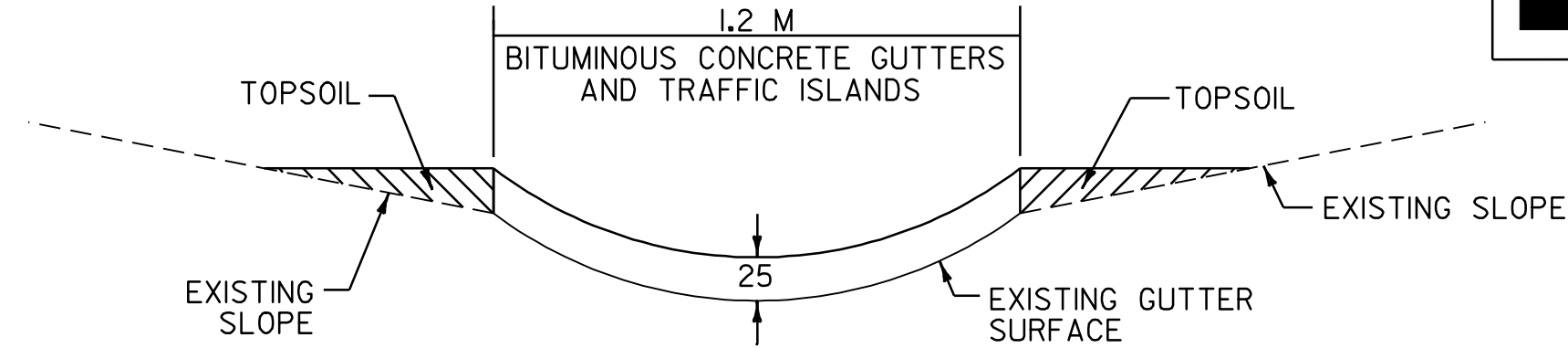
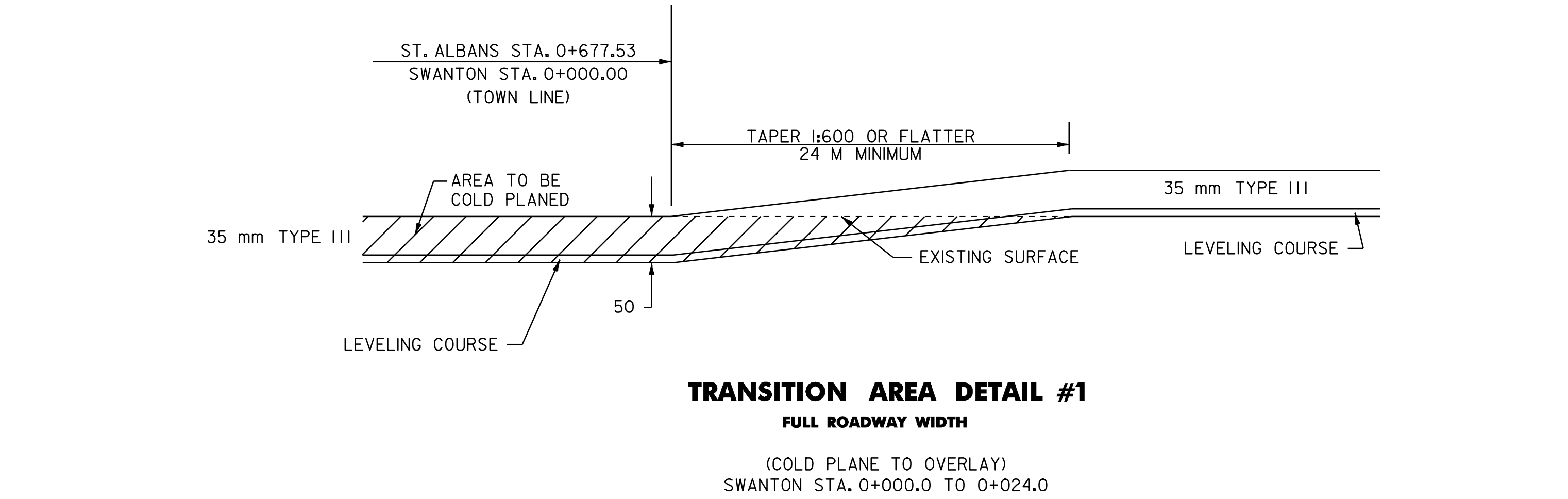
NOTE: 1) ALL DIMENSIONS IN MILLIMETERS
EXCEPT WHERE OTHERWISE INDICATED.



PROJECT
TYPICALS
&
PAVING
LIMITS

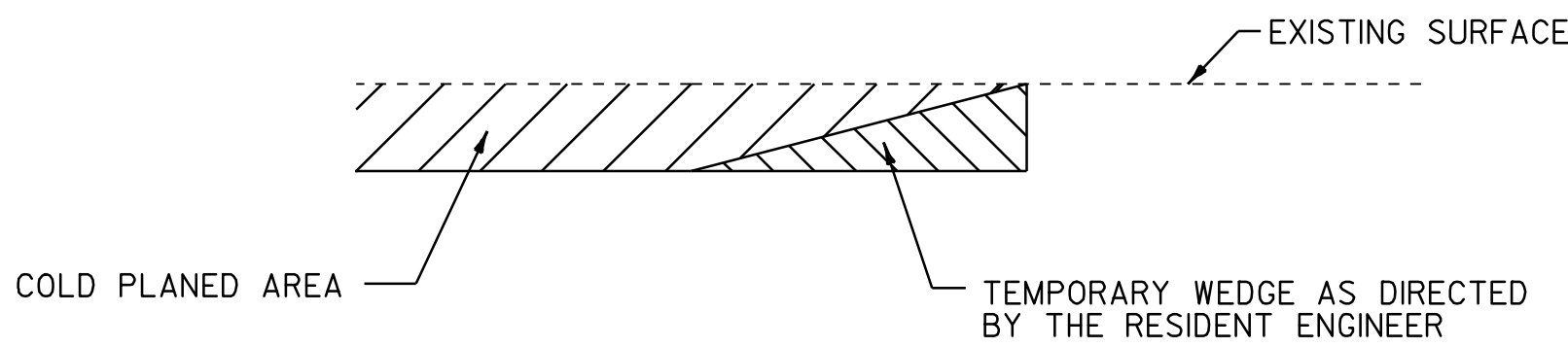
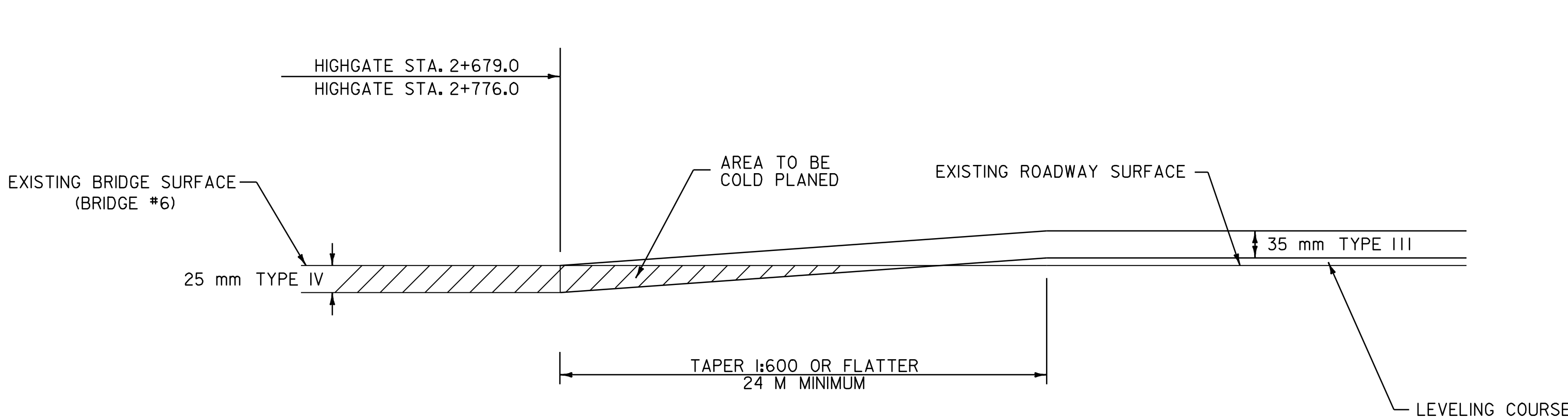
PROJECT NAME: ST. ALBANS - HIGHGATE
PROJECT NUMBER: STP 2114(1)S

FILE NAME: /pave/98c110/pcl10.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcl10+yl.1
PLOT DATE: 16-SEP-2005 13:13
DRAWN BY: D-H
CHECKED BY:
SHEET 7 OF 89

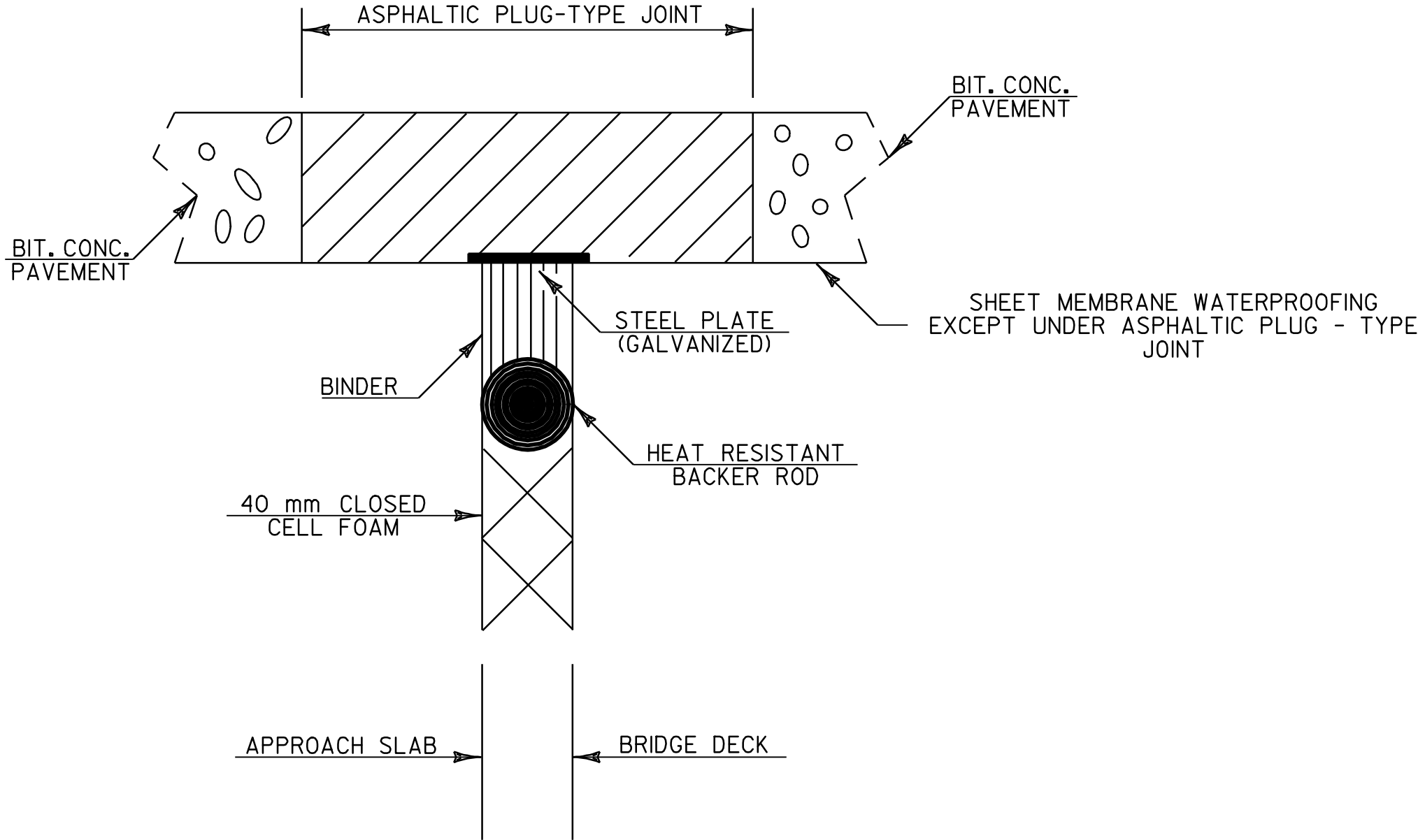
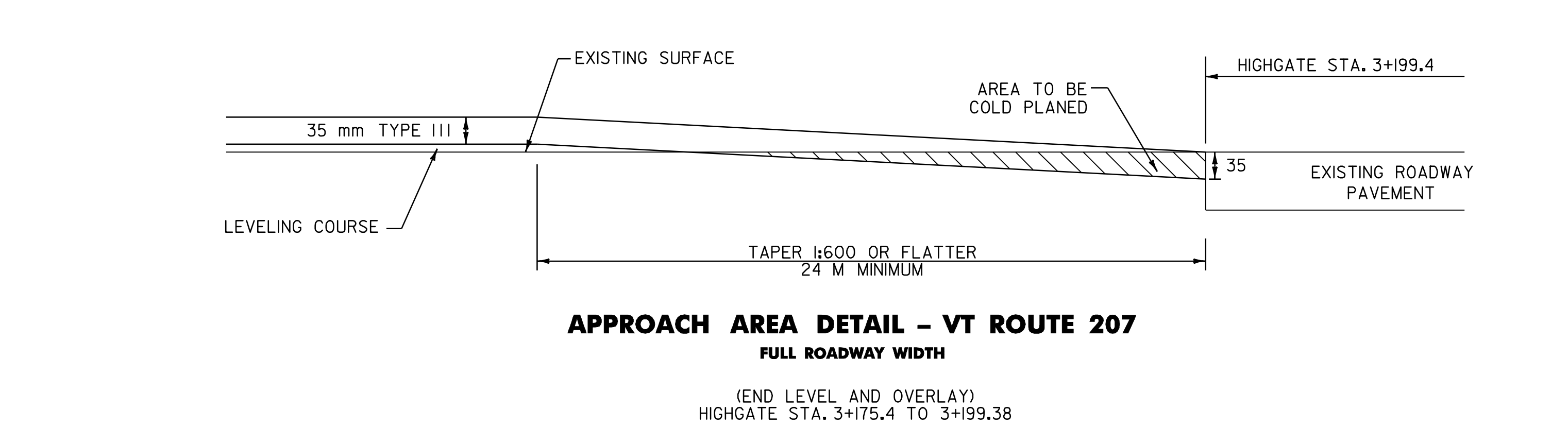


BITUMINOUS CONCRETE GUTTER DETAIL

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



DETAIL AT VERTICAL COLD PLANE JOINTS

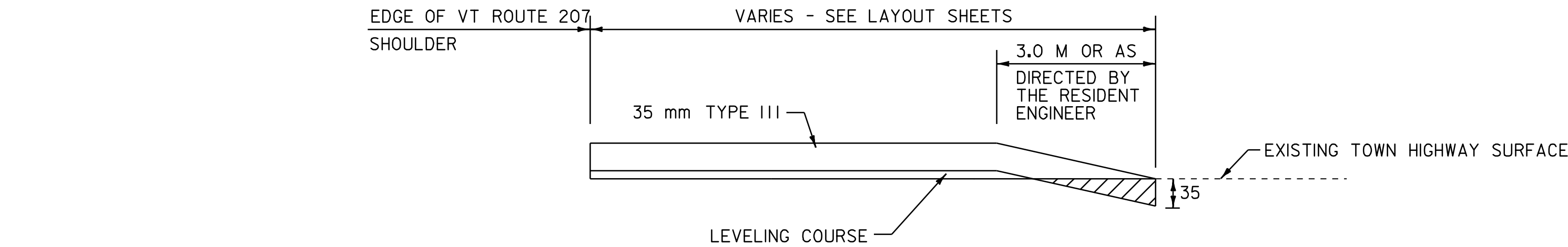


ASPHALTIC PLUG JOINT DETAIL

* 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)

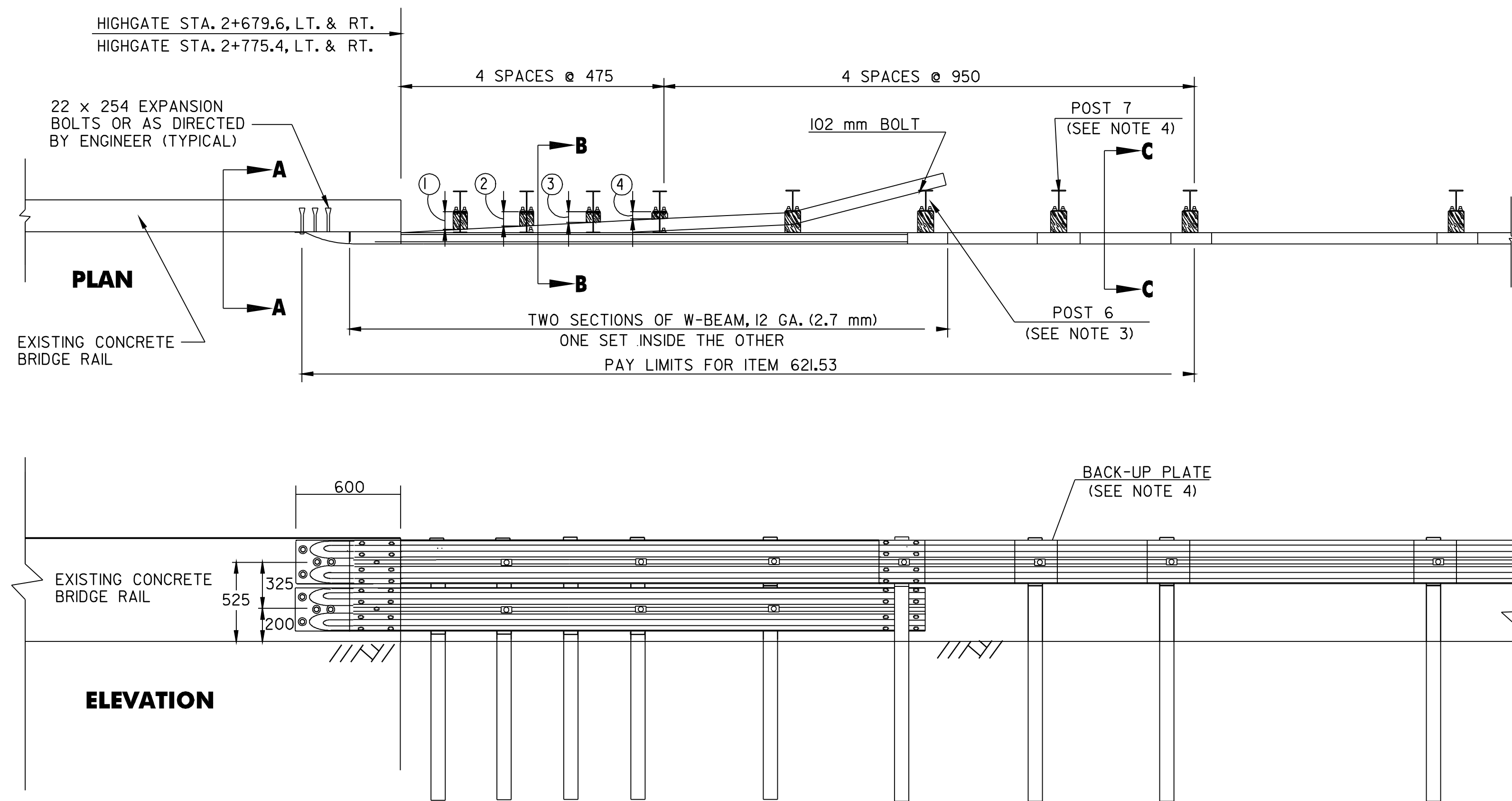


APPROACH AREA DETAIL - TOWN HIGHWAYS
(LEVEL & OVERLAY AREA)
FULL WIDTH OF TOWN HIGHWAY

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	PLOT DATE: 16-SEP-2005 13:13
	PROJECT LEADER: JLL	DRAWN BY: D-H
	DESIGNED BY: D-H	CHECKED BY:
	IPARM FILE NAME: pcl10ty2.1	SHEET 8 OF 89

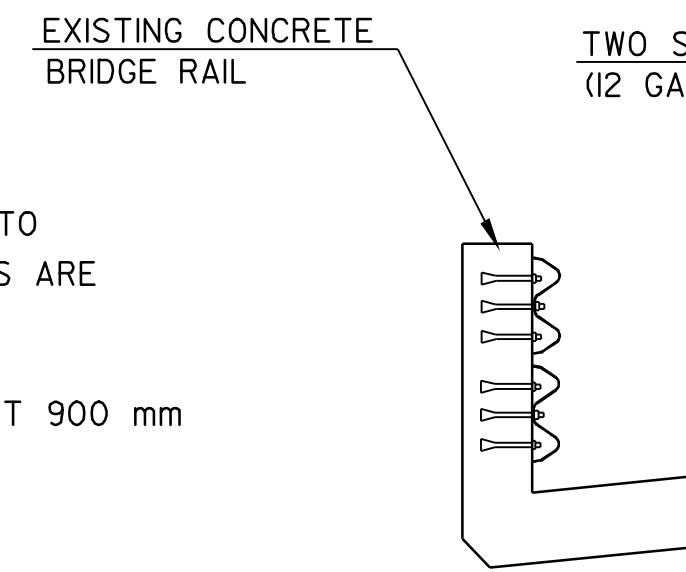


NOTES

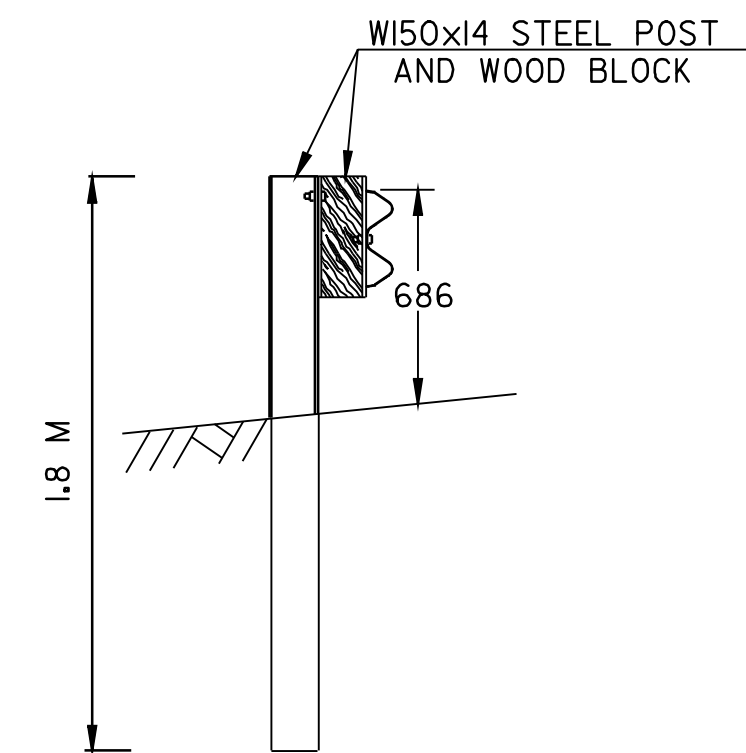
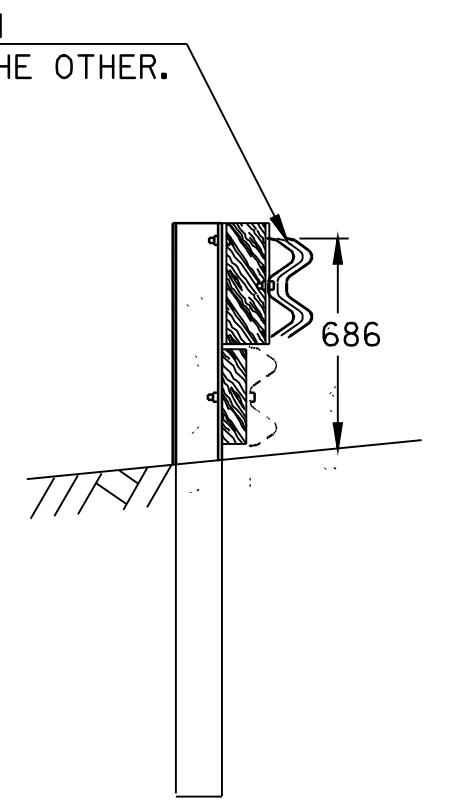
1. BOTTOM BEAM BLOCKS ARE OFFSET DRILLED TO SIT SQUARELY ON THE POST FLANGE. BLOCKS ARE ATTACHED WITH 16 mm CARRIAGE BOLTS.
2. THE RUBRAIL MAY BE SHOP BENT IN THE LAST 900 mm TO FACILITATE INSTALLATION.
3. POSTS 1,2,3,4 AND 6 REQUIRE AN ADDITIONAL HOLE TO ATTACH LOWER BLOCKS AND/OR LOWER BEAM.
4. AT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

BOTTOM BEAM WOOD BLOCKS 350 x 115

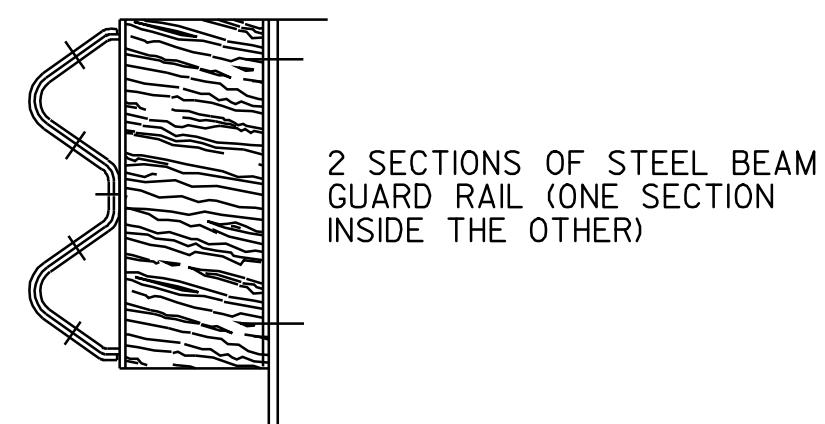
POST #	THICKNESS
①	125 mm
②	100 mm
③	75 mm
④	50 mm



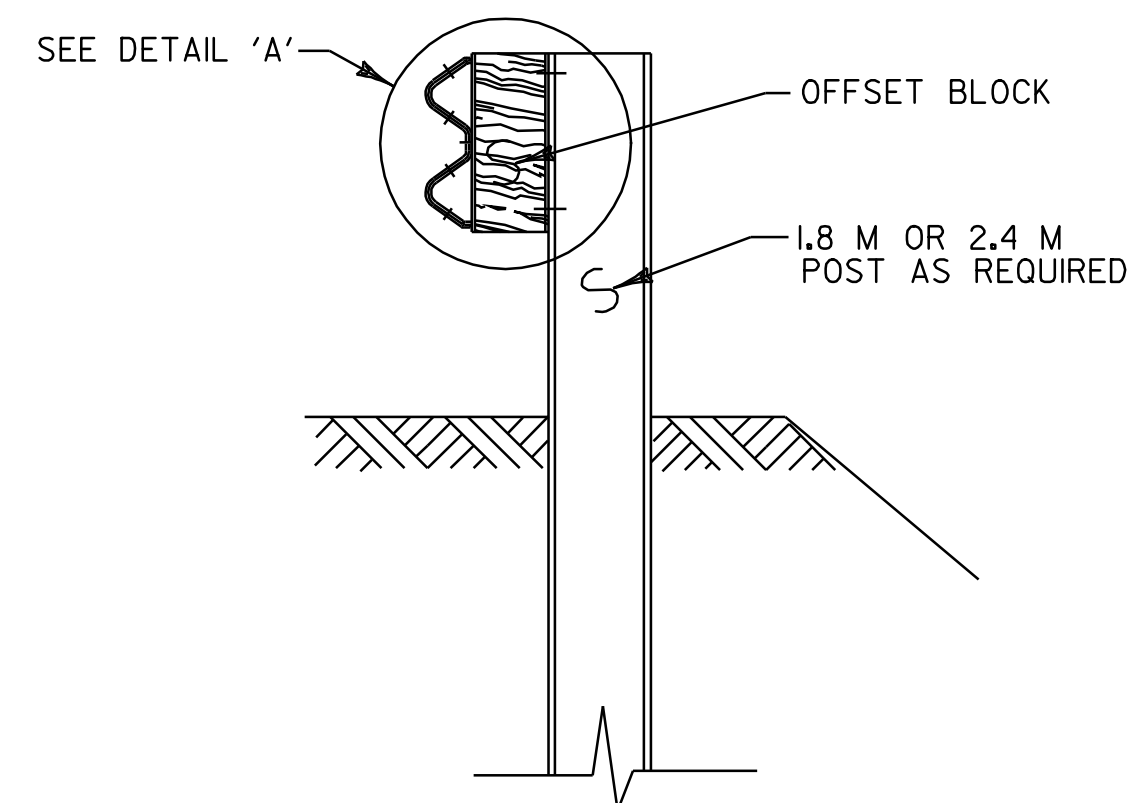
SECTION A-A



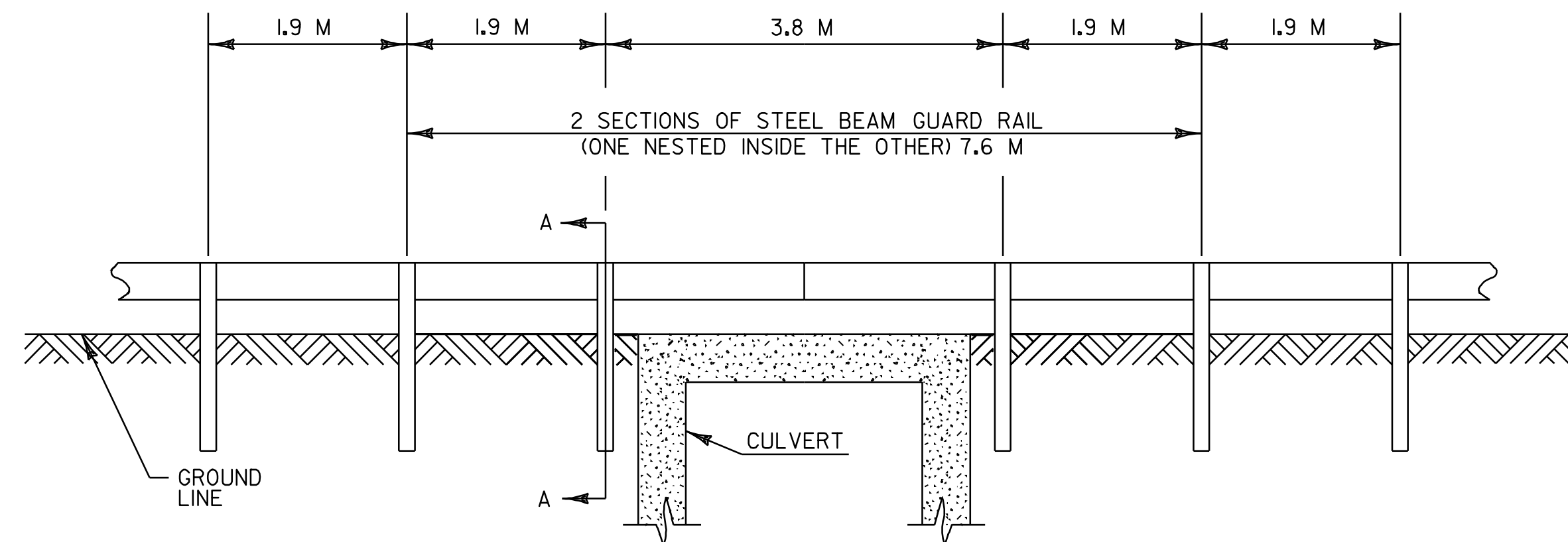
SECTION C-C



DETAIL A



SECTION A-A



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(1)S

FILE NAME: /pave/98c110/pcl10.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcl10gr1.l

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.

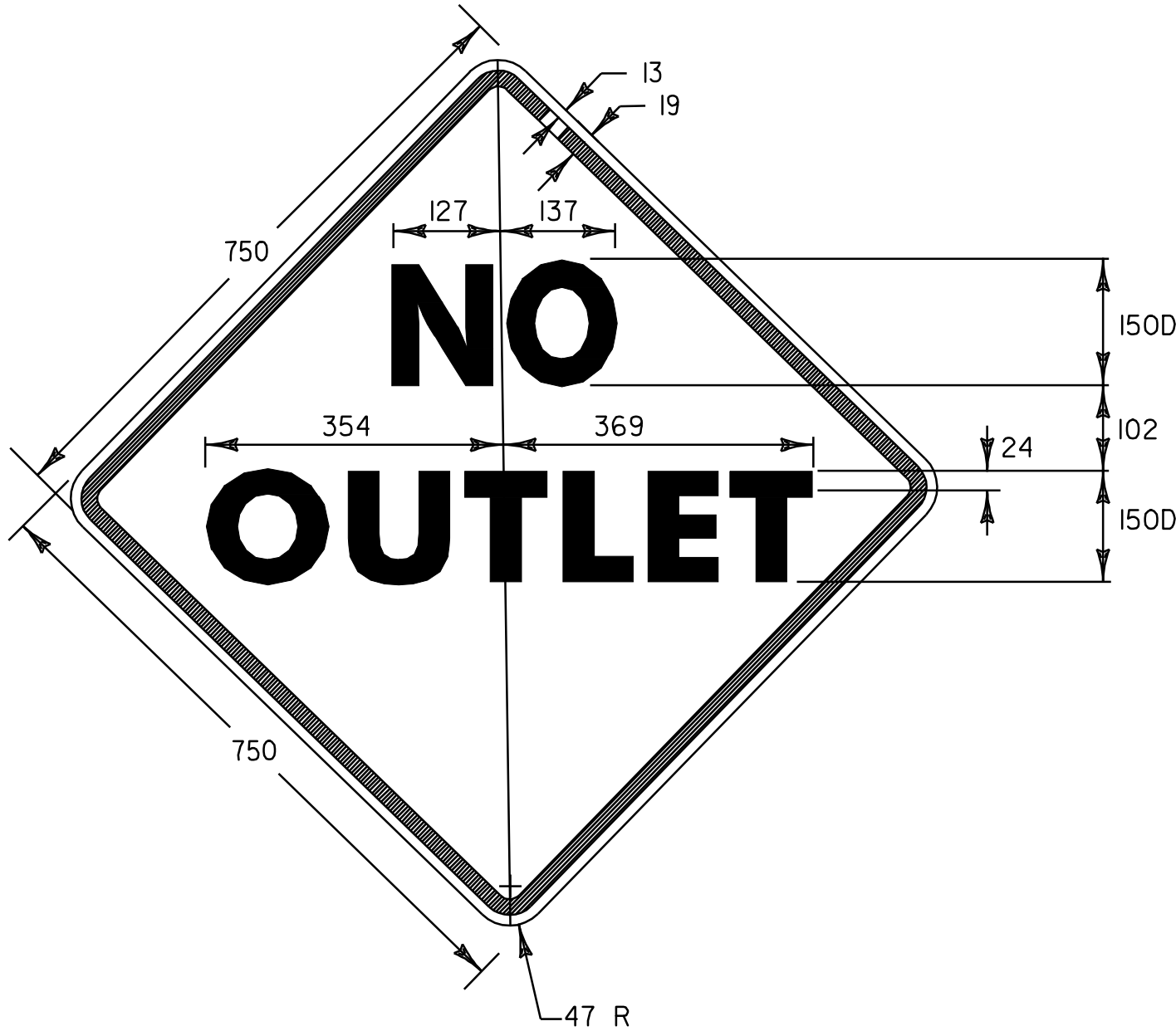
PRIOR TO COLD PLANING, ANY VEHICLE DETECTOR LOOPS SHALL BE DISCONNECTED IN THE CONTROLLER CABINET AND CUT AT THE CURB.

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.

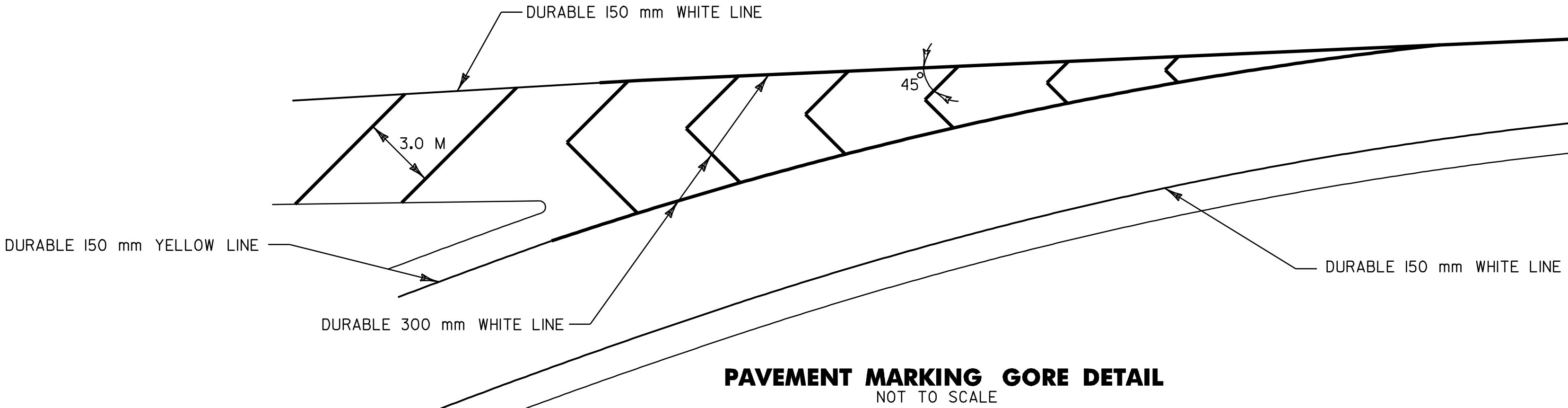
AFTER THE NEW LOOPS ARE INSTALLED, THE INDUCTANCE RESISTANCE AND LEAKAGE TO GROUND SHALL BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES AND RECORDED ON THE PLANS. ALL LOAD TESTING SHALL BE PERFORMED AS PER VTrans STANDARD E-172M.

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.



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

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

SUMMARY OF ESTIMATED QUANTITIES												DETAILED SUMMARY OF QUANTITIES			DETAILED SUMMARY OF QUANTITIES		
				EMPLOYEE TRAINEE- SHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND	QUANTITIES	UNIT	ITEMS	QUANTITIES	UNIT	ITEMS
						I	I	m³	EARTH BORROW	203.30	EST.			COLD PLANING - BITUMINOUS PAVEMENT			
						0.5	0.5	m³	SEED OFFICE - ENGINEERS	651.15	EST.						
						0.5	0.5	m³	TRENCH EXCAVATION OF EARTH (NOT A BID ITEM)	204.20	EST.	11806	m²	MAINLINE			
						0.5	0.5	m³	RESTORATION EQUIPMENT - BITUMINOUS (MOD.)	651.18	EST.	821	m²	APPROACH RAMP			
						15720	15720	m²	COLD PLANING - BITUMINOUS PAVEMENT	210.10	309	905	m²	TRANSITIONS			
						0.5	0.5	LTJ	AGGREGATE FOR ELEVATION (NOT A BID ITEM)	651.25	EST.	989	m²	BRIDGE NO. 6			
						2300	2300	T	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	63	245	m²	TRANSITION APPROACHES			
				520		I	520	HR	EMULSIFIED ASPHALT	402.12	52	645	m²	SIDERADS & RAMPS			
						2210	2210	T	AGGREGATE SHOULDERS (MOD.)	402.12	52	309	m²	ROUNDING			
						0.5	0.5	LS	MOBILIZATION	404.65	503	15720	m²	TOTAL			
						23400	23400	KG	EMULSIFIED ASPHALT	404.65	503						
						4500	4500	EA	PORTABLE CHANGEABLE MESSAGE SIGN	651.15	EST.						
						12200	12200	T	MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.27	185						
						1255	1255	M	TRAFFIC ISLANDS, WHITE LINE	646.40	EST.			MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34)			
						0.5	0.5	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50	EST.	8241	T	MAINLINE WEARING COURSE (TYPE III) (INCLUDES APPR. RAMP)			
					22	10145	10145	M	REGRABITION ITEMS SITE LINE (MOD. 2)	646.40	EST.	125	T	TOWN HIGHWAYS WEARING COURSE (TYPE III)			
						10575	10575	M	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG)	516.10	1.6	59	T	BRIDGES WEARING COURSE (TYPE IV)			
						7	7	EA	DURABLE 100 mm STOP BAR	646.40	EST.	3582	T	15 mm MAINLINE LEVELING COURSE (TYPE IV) (INCLUDES APPR. RAMP)			
						8925	8925	M	CHANGING ELEVATION OF DI'S, CB'S OR MH'S	604.40	EST.						
						I	I	EA	SURFACE TUBE ON POSTS AND ANCHORS	646.41	EST.						
						1520	1520	M	REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I	604.412	EST.	8	T	DRIVES			
						360	360	HR	ENDURANCE OF TRIM WHITE LINE	646.414	39	185	T	ROUNDING			
						1550	1550	EA	POWER GRADER RENTAL	608.15	EST.						
						300	300	HR	REMOVAL AND DISPOSAL OF YELLOW LINE	646.415	26	12200	T	TOTAL			
						179	179	EA	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.						
						120	120	HR	TRACTOR AND BACKHOE LOADER RENTAL	608.30	EST.						
						320	320	EA	POWER BROOM RENTAL	608.30	EST.						
						15	15	HR	DURABLE 600 mm STOP BAR	646.46	EST.						
						500	500	M	TRUCK RENTAL	608.37	EST.						
						360	360	HR	DURABLE 600 mm STOP BAR (MOD. 2)	646.46	EST.						
						31	31	M	LOADER RENTAL, TYPE I	608.40	EST.						
						360	360	HR	DURABLE LETTER OR SYMBOL	646.50	-						
						72	72	EA	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	-						
						I	I	T	DURABLE LETTER OR SYMBOL (MOD. 2)	646.50	-						
						33	33	EA	STONE FILL, TYPE I	613.10	EST.						
						40	40	m³	TEMPORARY 100 mm WHITE LINE	646.60	831						
						44500	44500	M	TEMPORARY 100 mm WHITE LINE	646.60	831						
						120	120	M	TREATED TIMBER CURB	616.35	4.9						
						39000	39000	M	TEMPORARY 100 mm YELLOW LINE	646.61	783						
						10	10	T	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	-						
						3030	3030	M	TEMPORARY 150 mm WHITE LINE	646.614	68						
						25	25	EA	YIELDING MARKER POSTS	619.17	EST.						
						2300	2300	M	TEMPORARY 150 mm YELLOW LINE	646.615	52						
						450	450	M	STEEL BEAM GUARD RAIL	621.20	16.8						
						330	330	M	TEMPORARY 200 mm YELLOW LINE	646.63	10						
						14	14	EA	MANUFACTURED TERMINAL SECTION (FLARED)	621.505	-						
						740	740	M	TEMPORARY 300 mm WHITE LINE	646.64	18						
						4	4	EA	TERMINAL CONNECTOR FOR STEEL BEAM GUARD RAIL	621.53	-						
						170	170	M	TEMPORARY 600 mm STOP BAR	646.66	10						
						4	4	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-						
						162	162	EA	TEMPORARY LETTERS OR SYMBOLS	646.70	-						
						480	480	M	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	10.1						
						990	990	EA	LINE STRIPING TARGETS	646.76	16						
						I	I	EA	ADJUST ELEVATION OF VALVE BOX	629.20	EST.						
						170	170	M	PAINTED CURB	646.81	9						
						720	720	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.						
						200	200	m²	GEOTEXTILE UNDER STONE FILL	649.31	EST.						
						4600	4600	HR	FLAGGERS	630.15	EST.						

PROJECT NAME :
ST. ALBANS - HIGHGATE

PROJECT NO. :
STP 2114(I)S

DESIGN FILE NAME: /pave/98c110/pc10.dgn
IPARM FILE NAME: pc10q521
SURVEYED BY: D-H
SQUAD LEADER:

PLOT DATE: 16-SEP-2005 13
SURVEY DATE: 07/22/99
DRAWN BY: D-H
SHEET: 12 OF 89

ITEM DETAIL SUMMARY SHEET

[illegible]

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

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

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

0+021.5, LT.



SIGN MISSING
REPLACED W/ NEW

DURABLE 300 mm WHITE LINE
FOR DETAILS, SEE SHEET 10.

DURABLE 150 mm WHITE LINE

DURABLE 150 mm WHITE LINE

DURABLE 150 mm YELLOW LINE

0+120

SEE NEXT SHEET

TO
HIGHGATE

MATCH LINE

0+085 RT.

DURABLE 300 mm WHITE LINE
FOR DETAILS, SEE SHEET 10.

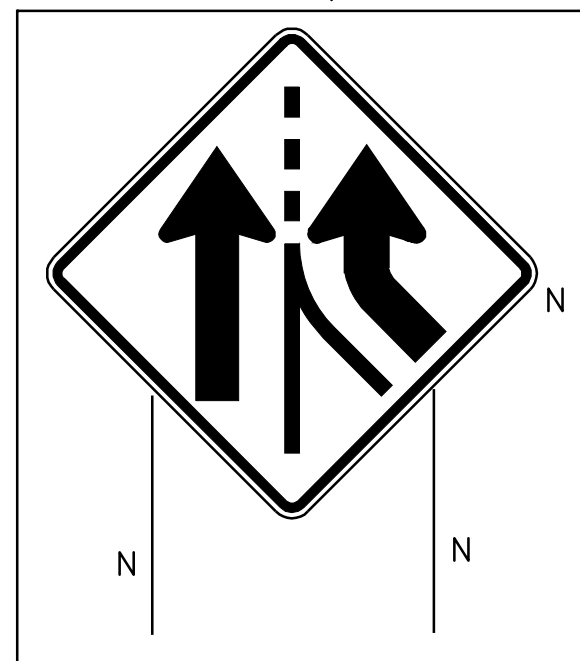
DROP INLET
NO WORK REQUIRED

DURABLE 150 mm YELLOW LINE

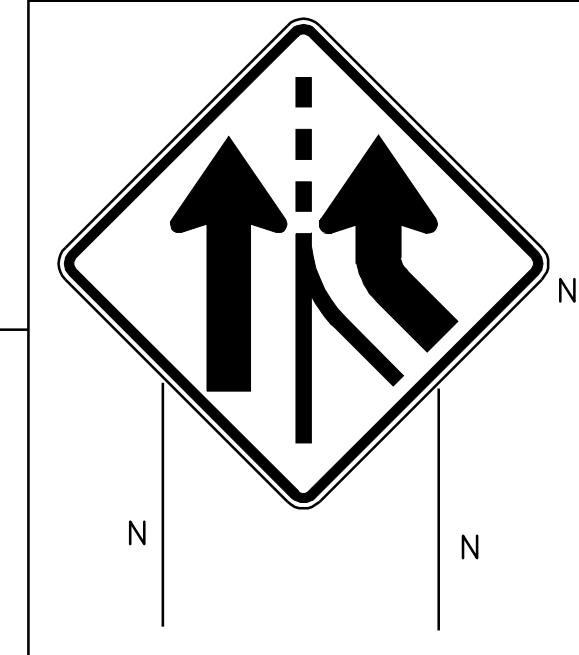
APPROACH RAMP

DURABLE 150 mm WHITE LINE

0+060.0, RT.



0+070.0, RT.



YIELD



BACK TO BACK

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/98cll0/pcll0.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcll0p01.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.

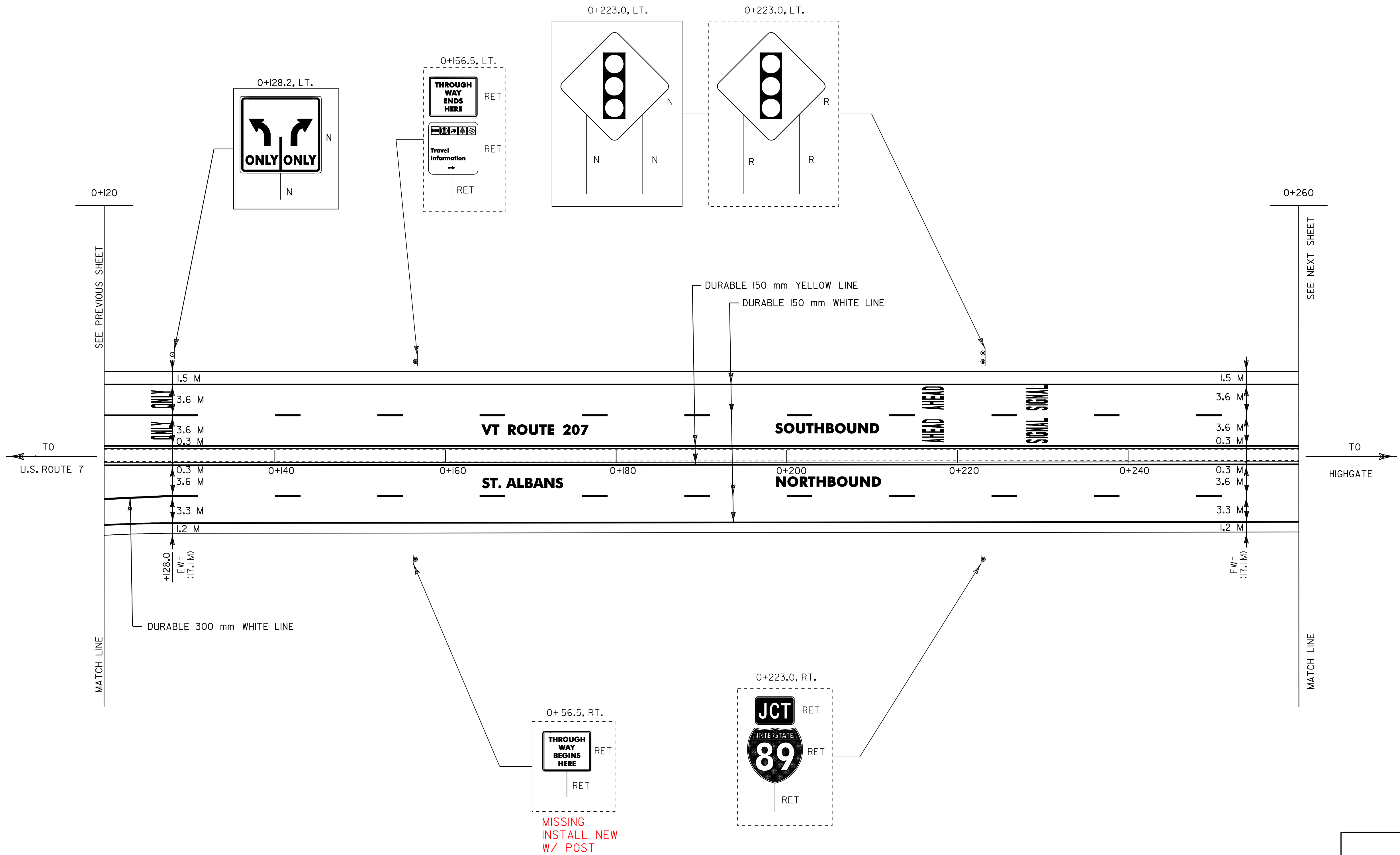
TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+120.0 TO 0+260.0, SOLID LT. & RT.

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) *AHEAD*
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



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
#2

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: pcll0p02.i

PLOT DATE: 16-SEP-2005 13:14
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 17 OF 89

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.

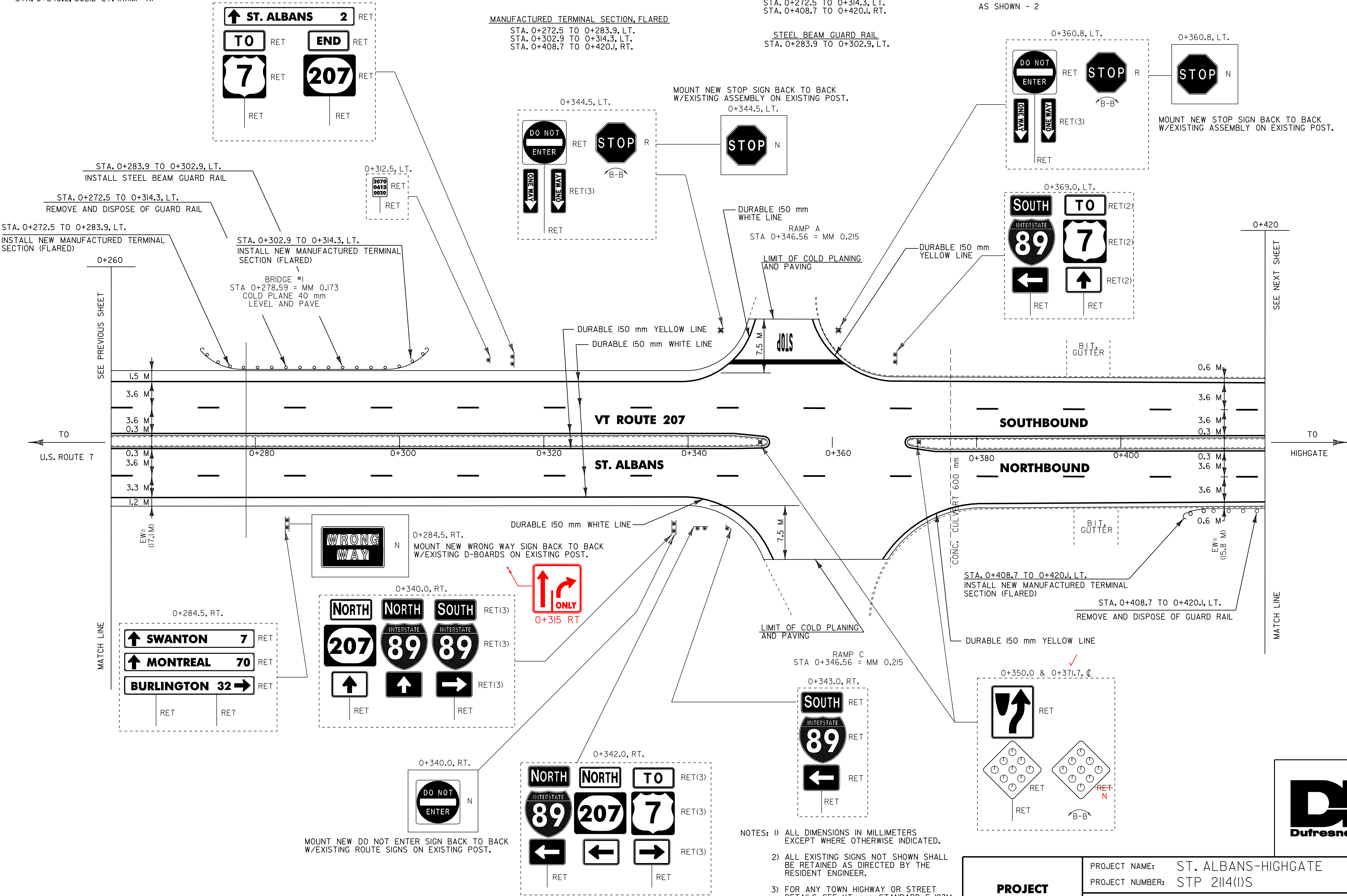
PAINTED CURB
STA. 0+342.0 TO 0+351.0, LT. & RT.
STA. 0+370.0 TO 0+379.0, LT. & RT.

REMOVAL AND DISPOSAL OF GUARD RAIL
STA. 0+272.5 TO 0+314.3, LT.
STA. 0+408.7 TO 0+420.0, 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+420.0, RT.

STEEL BEAM GUARD RAIL
STA. 0+283.9 TO 0+302.9, 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
#3

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: pcll0p03.1

PLOT DATE: 16-SEP-2005 13:14
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 18 OF 89

TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+420.0 TO 0+560.0, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR RAMPS "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)

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.

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.

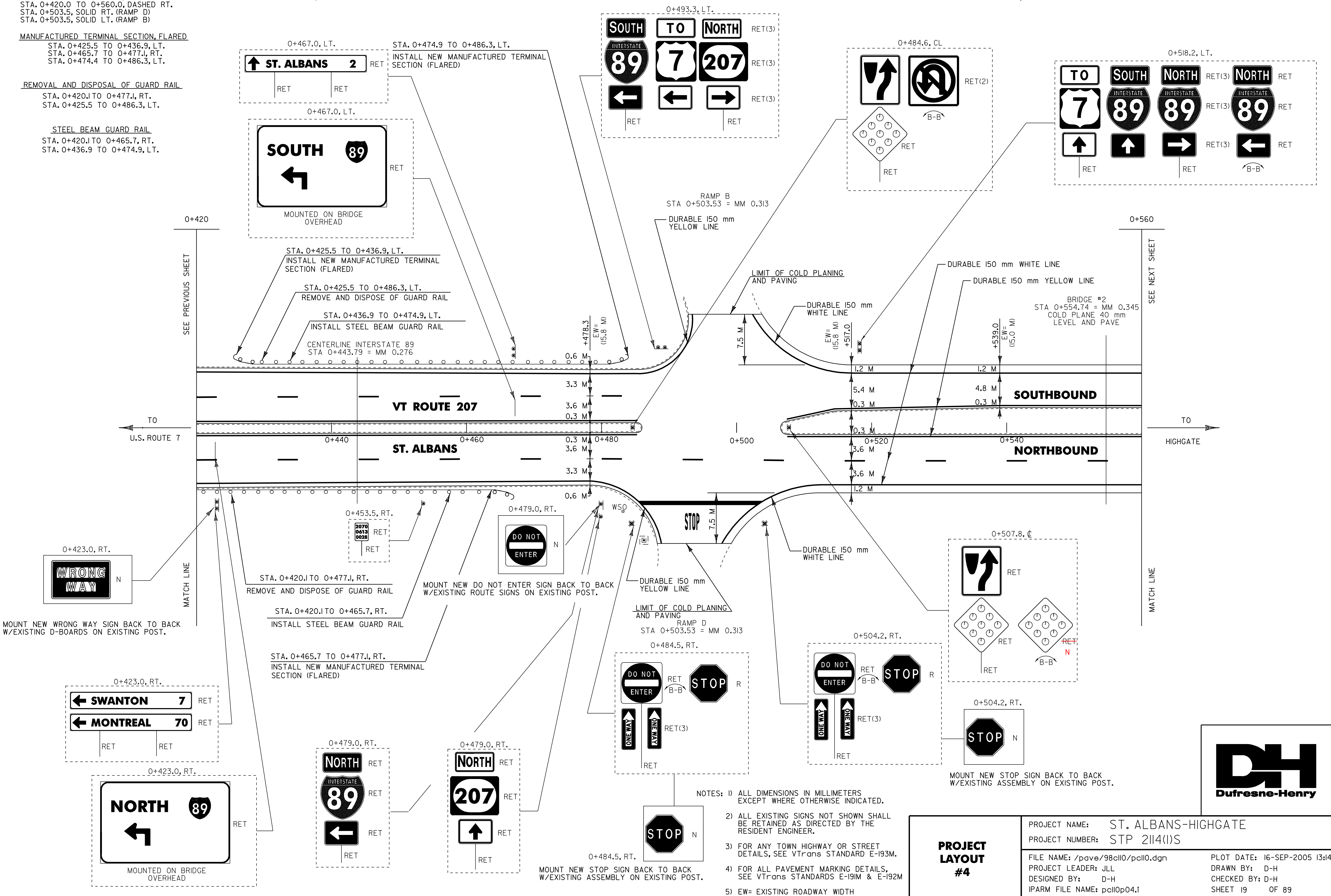
PAINTED CURB

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

Metric



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 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 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 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.

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

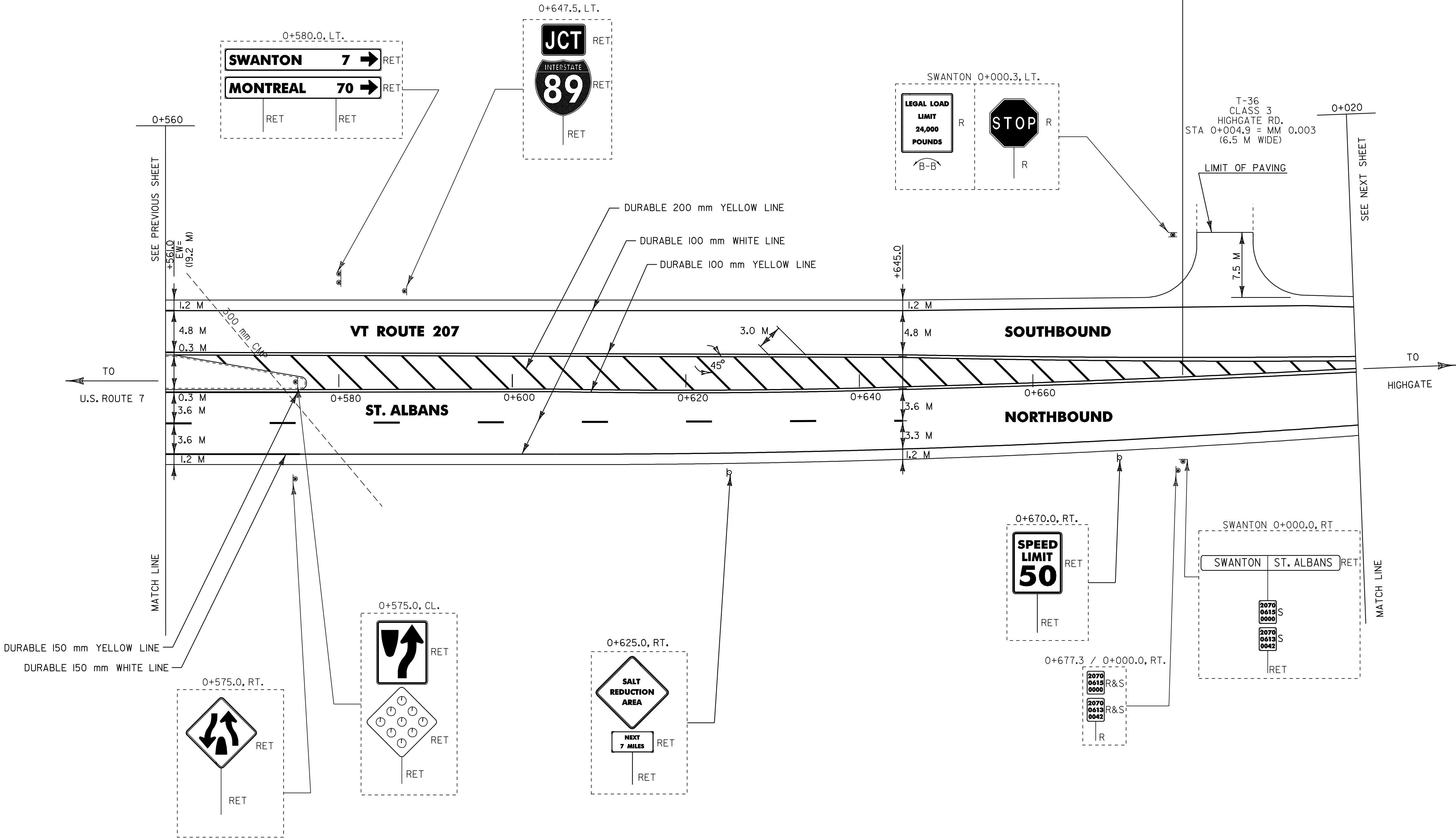
PAINTED CURB

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

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: pcll0p05.1

PLOT DATE: 16-SEP-2005 13:14
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 EDGE LINE BREAKS FOR T-57 & TH-56)
STA. 0+068.0, SOLID LT. (TH-57 EDGELINES)
STA. 0+158.5, SOLID LT. (TH-56 EDGELINES)

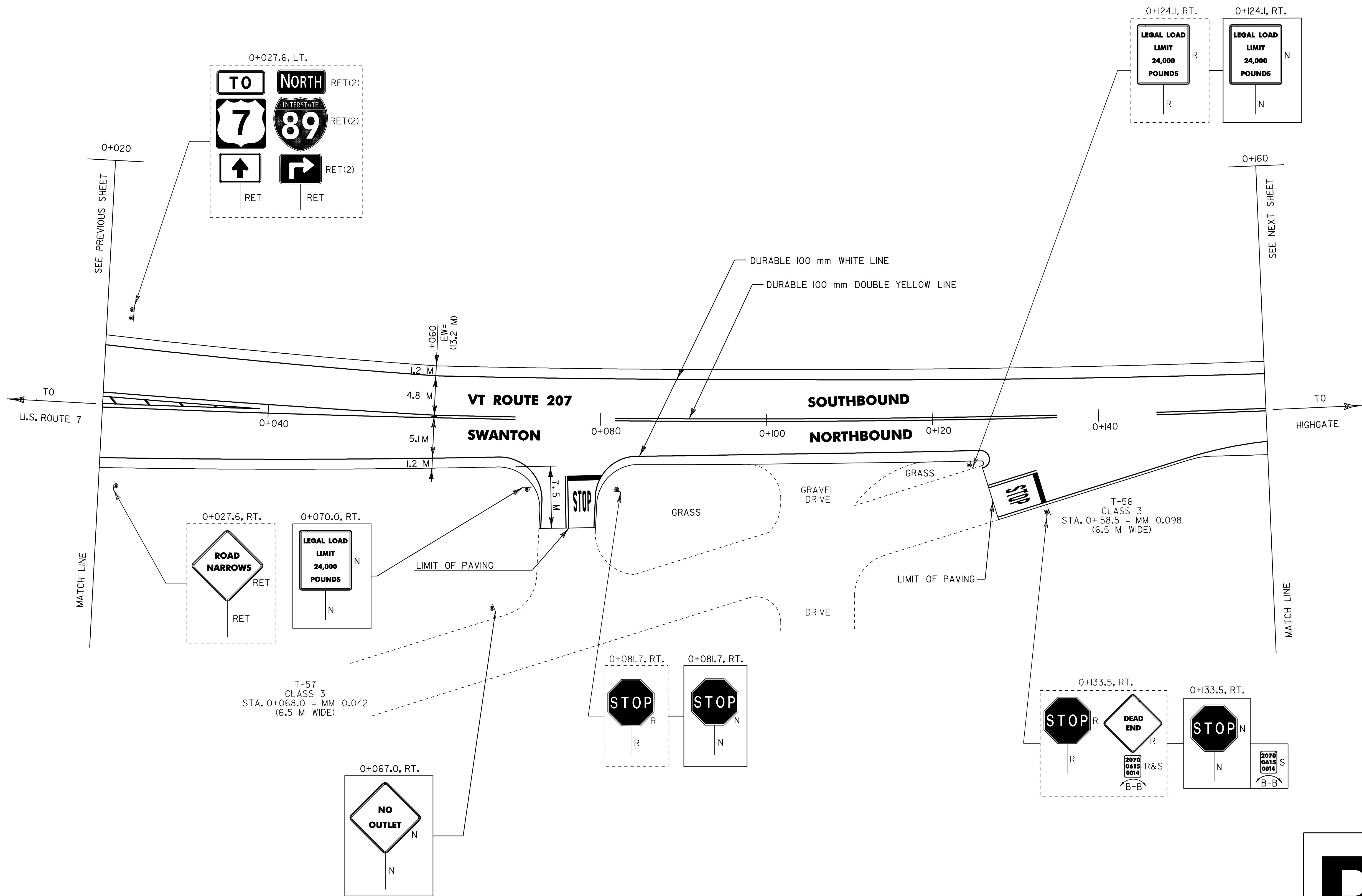
TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 0+020.0 TO 0+052.0, DOUBLE SOLID LT. & RT.
STA. 0+052.0 TO 0+160.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR TH-57 & TH-56)
STA. 0+075.0, DOUBLE SOLID RT. (TH-57 EDGELINES)
STA. 0+130.0, DOUBLE SOLID RT. (TH-56 EDGELINES)

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.

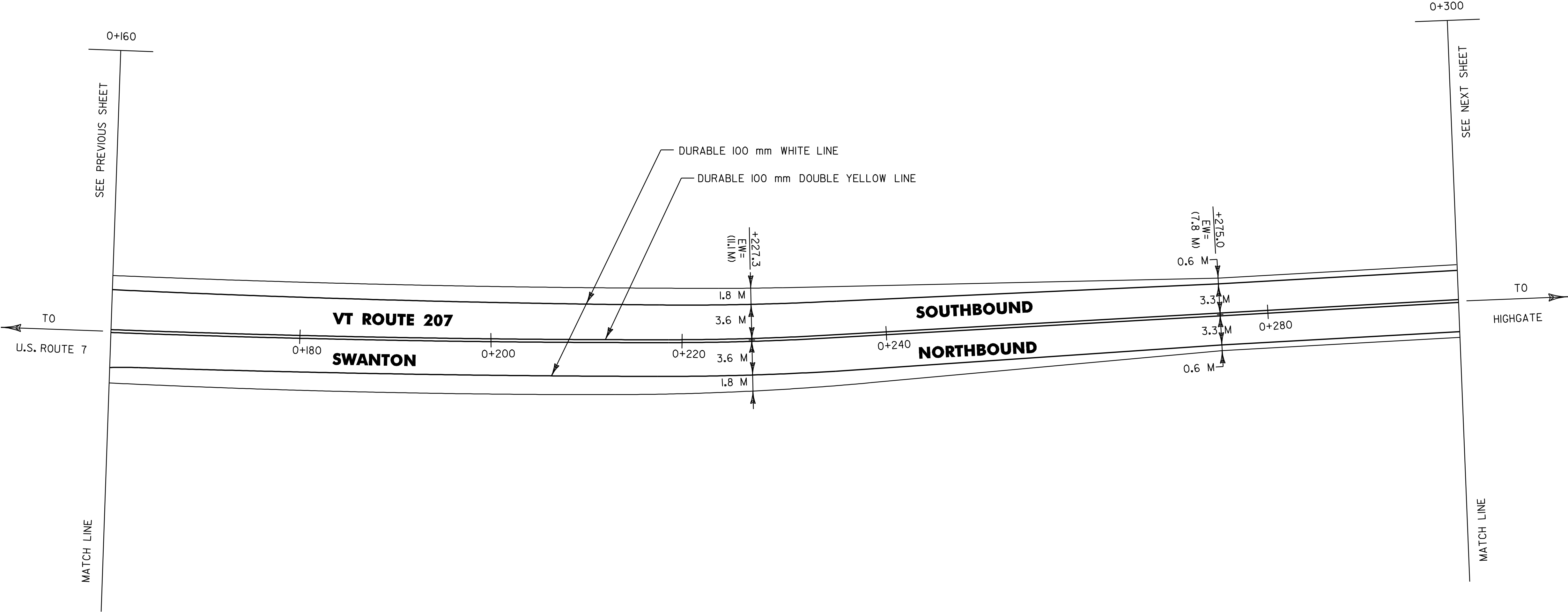
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL
BE RETAINED AS DIRECTED BY THE
RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET
DETAILS, SEE VTrans STANDARD E-193M.
- 4) FOR ALL PAVEMENT MARKING DETAILS,
SEE VTrans STANDARDS E-191M & E-192M
- 5) EW= EXISTING ROADWAY WIDTH

PROJECT
LAYOUT
#6

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: pcll0p06.1

PLOT DATE: 16-SEP-2005 13:14
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 21 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 STANDARD E-193M.
- 4) FOR ALL PAVEMENT MARKING DETAILS,
SEE VTrans STANDARDS E-191M & E-192M
- 5) EW= EXISTING ROADWAY WIDTH

**PROJECT
LAYOUT
#7**

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: pcll0p07.1

PLOT DATE: 16-SEP-2005 13:15
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 22 OF 89



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.

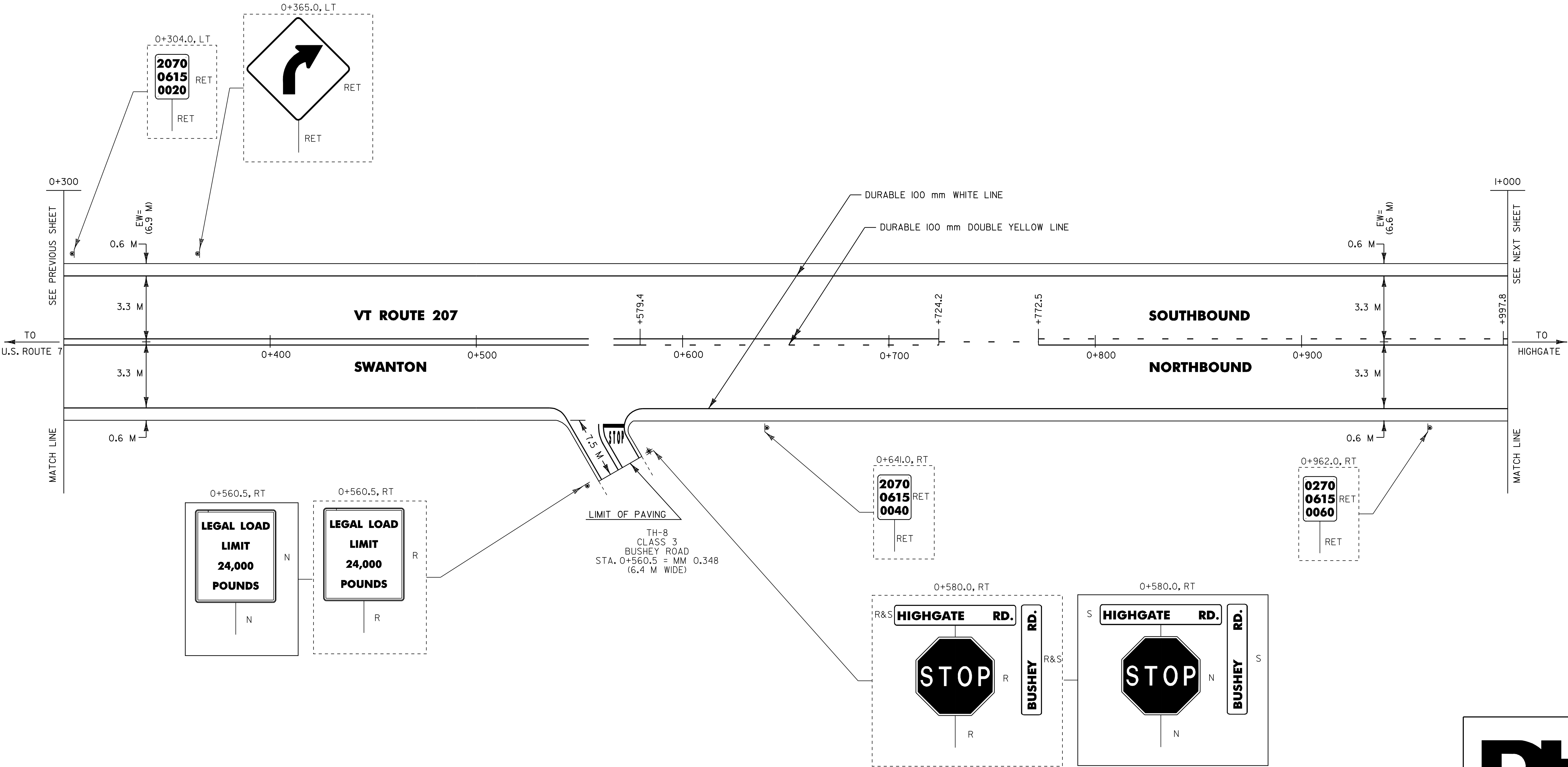
TEMPORARY AND DURABLE 600 mm STOP BAR
STA. 0+560.5, RT.

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)



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
#8**

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

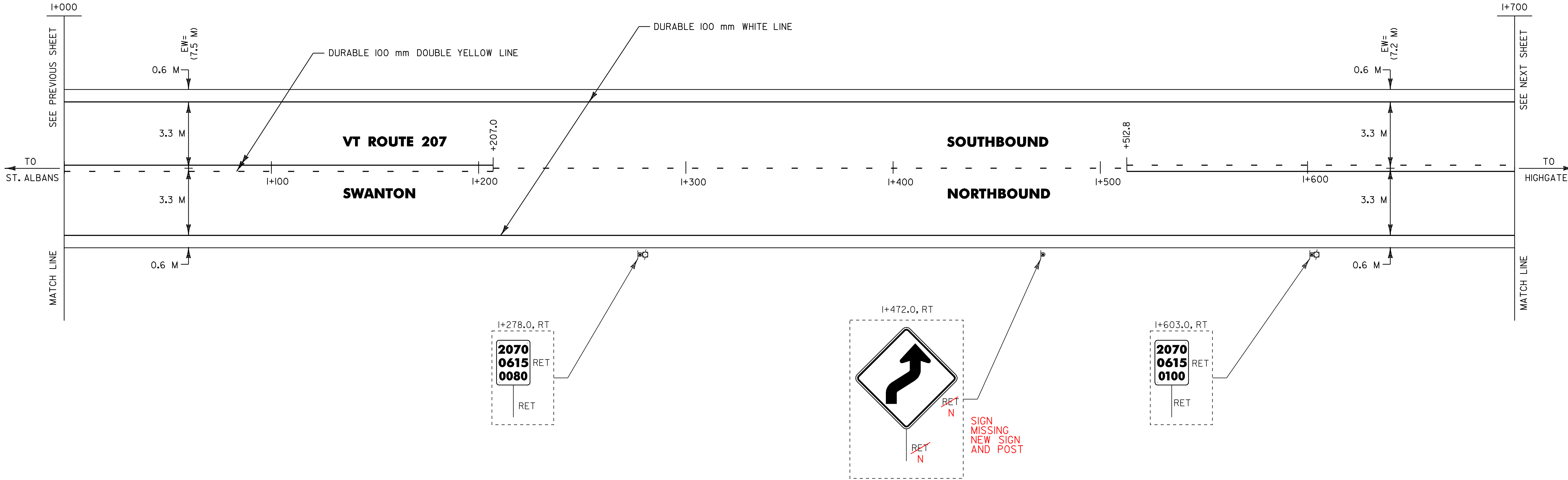
FILE NAME: /pave/98cll0/pcll0.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcll0p08.i

PLOT DATE: 16-SEP-2005 13:15
DRAWN BY: D-H
CHECKED BY: D-H
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
PROJECT NUMBER: STP 2114(1)S

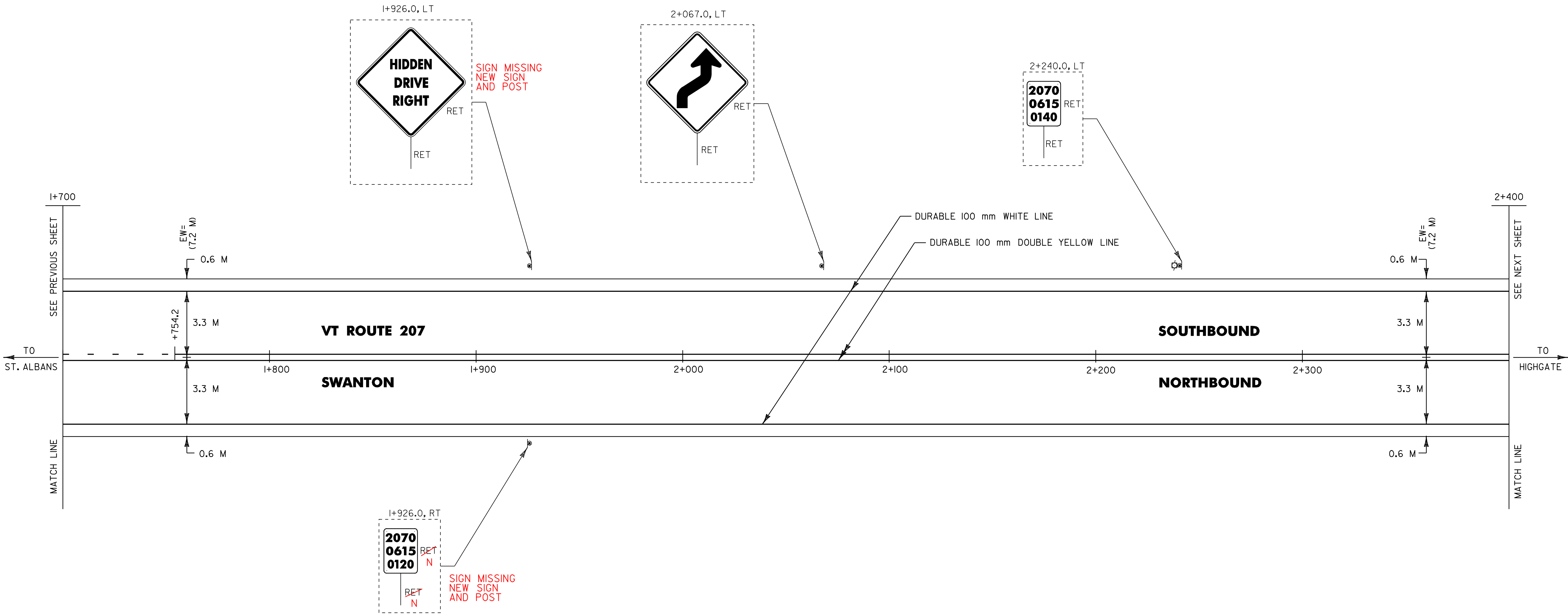
FILE NAME: /pave/98cll0/pcll0.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcll0p09.i

PLOT DATE: 16-SEP-2005 13:15
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 24 OF 89

TEMPORARY AND DURABLE 100 mm WHITE LINE
STA. 1+700.0 TO 2+400.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 1+700.0 TO 1+754.2, DASHED LT. / SOLID RT.
STA. 1+754.2 TO 2+400.0, SOLID LT. & RT.

DITCH CLEANING
STA. 1+700.0 TO 2+400.0, 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
#10**

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

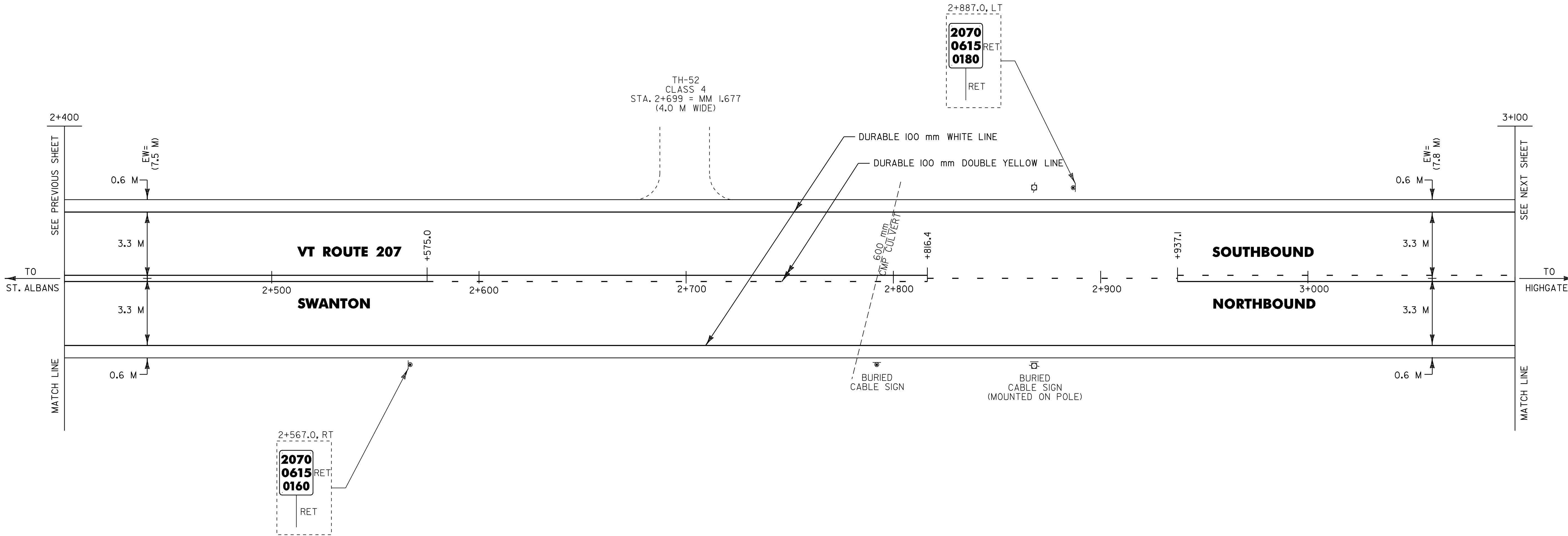
FILE NAME: /pave/98cll0/pcll0.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcll0pl0.1

PLOT DATE: 16-SEP-2005 13:15
DRAWN BY: D-H
CHECKED BY: D-H
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

PROJECT
LAYOUT
#11

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: pcll0pl1.l

PLOT DATE: 16-SEP-2005 13:15
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 26 OF 89

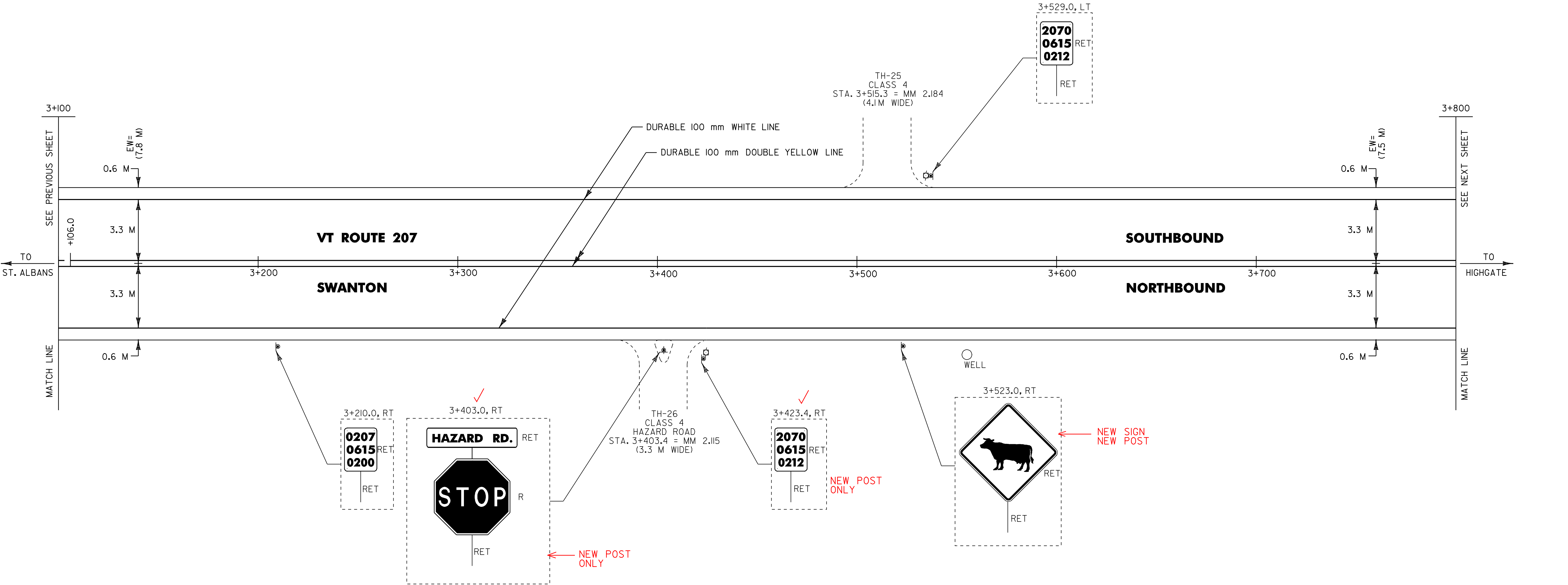


TEMPORARY AND DURABLE 100 mm WHITE LINE
STA. 3+100.0 TO 3+700.0, SOLID LT. & RT.

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

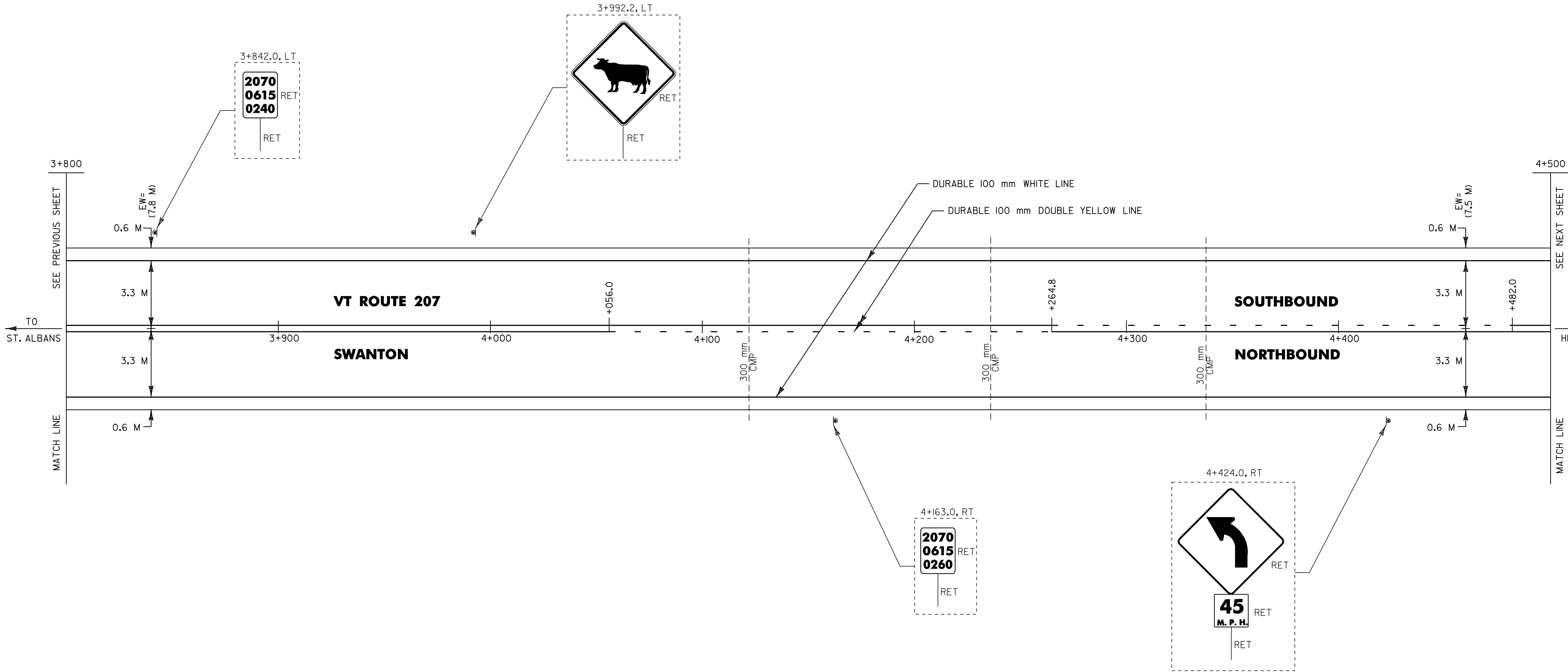
**PROJECT
LAYOUT
#12**

PROJECT NAME:	ST. ALBANS-HIGHGATE
PROJECT NUMBER:	STP 2114(1)S
FILE NAME:	/pave/98c110/pcll0.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	D-H
IPARM FILE NAME:	pcll0pl2.1
PLOT DATE:	16-SEP-2005 13:15
DRAWN BY:	D-H
CHECKED BY:	D-H
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

**PROJECT
LAYOUT
#13**

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: pcll0p13.1

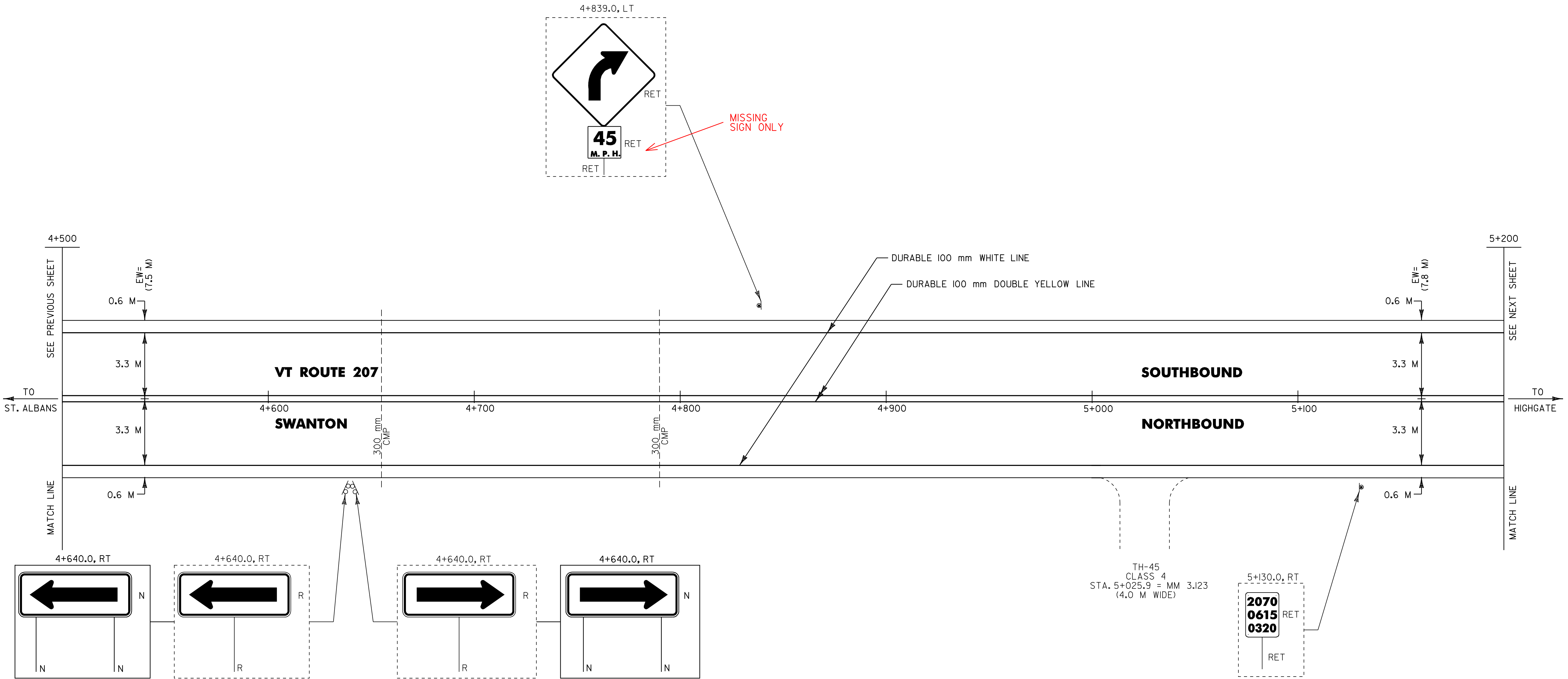
PLOT DATE: 16-SEP-2005 13:15
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 28 OF 89

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/pcll0.dgn	PLOT DATE: 16-SEP-2005 13:15
	PROJECT LEADER: JLL	DRAWN BY: D-H
	DESIGNED BY: D-H	CHECKED BY: D-H
	IPARM FILE NAME: pcll0pl4.1	SHEET 29 OF 89



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

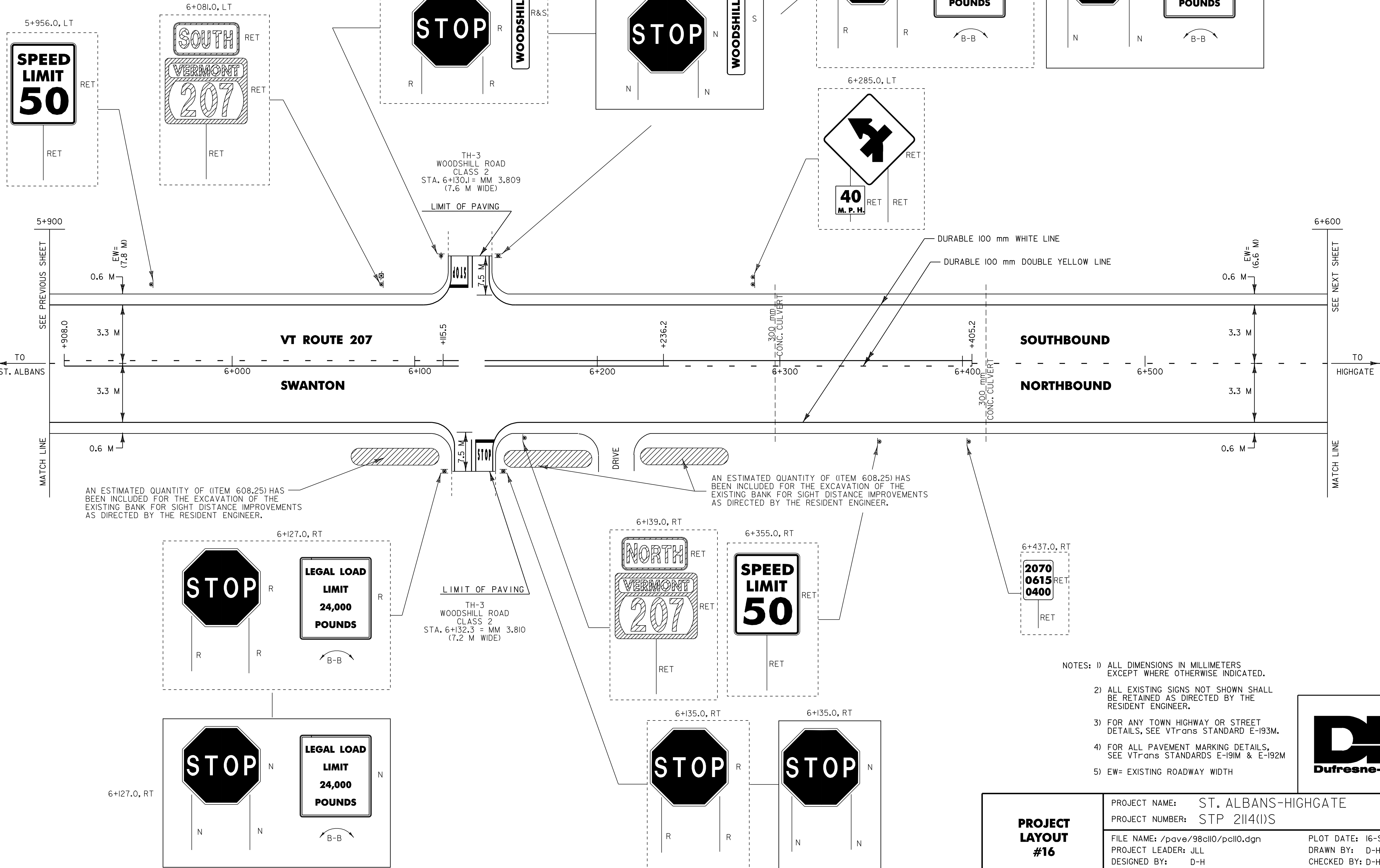
TEMPORARY AND DURABLE 600 mm STOP BAR (MOD. 2)
STA. 6+130.1, LT. & RT.

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

ERECTING SALVAGED SIGNS
AS SHOWN - 2

REMOVING SIGNS
AS SHOWN - 8

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)



PROJECT
LAYOUT
#16

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: pcll0pl6.i

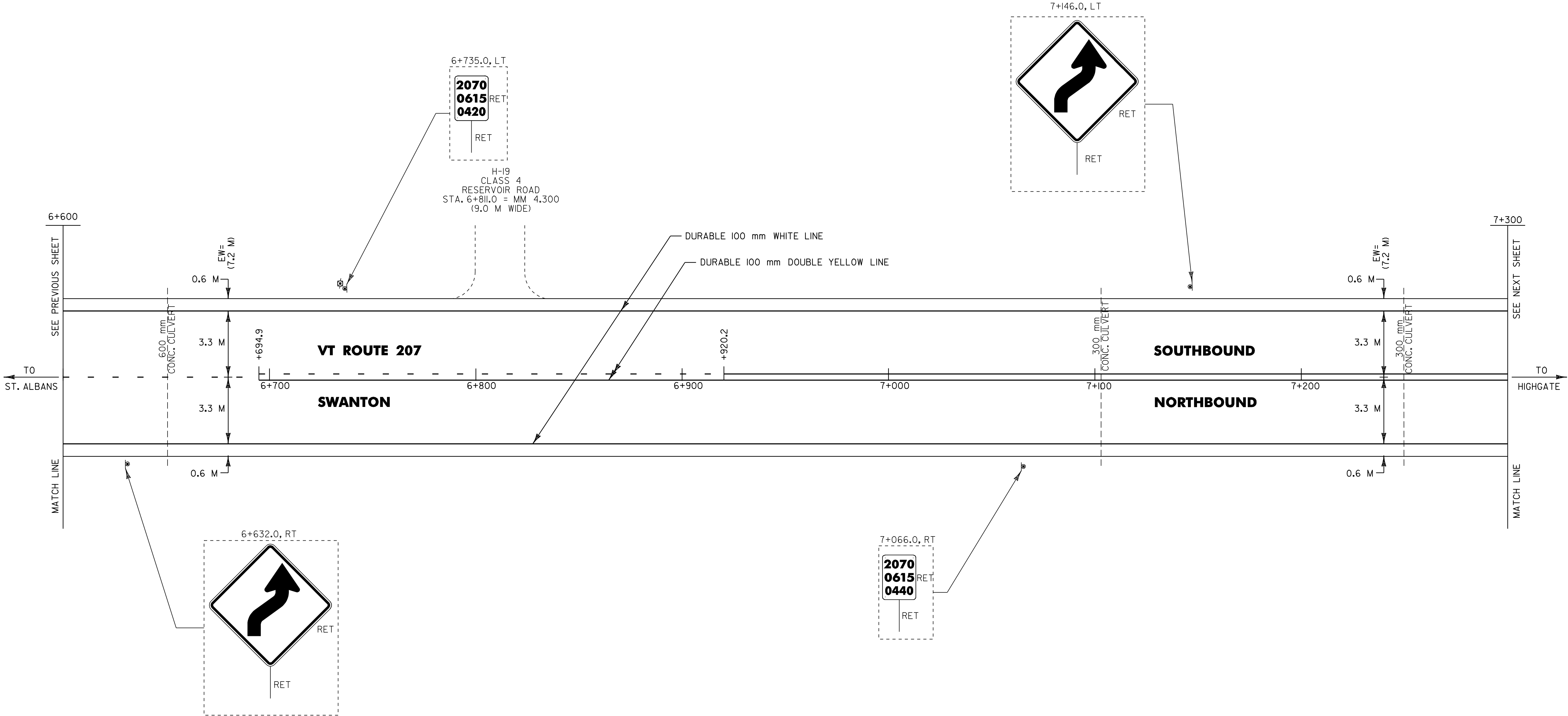
PLOT DATE: 16-SEP-2005 13:16
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 31 OF 89

DH
Dufresne-Henry

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

**PROJECT
LAYOUT
#17**

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: pcl10p17.1

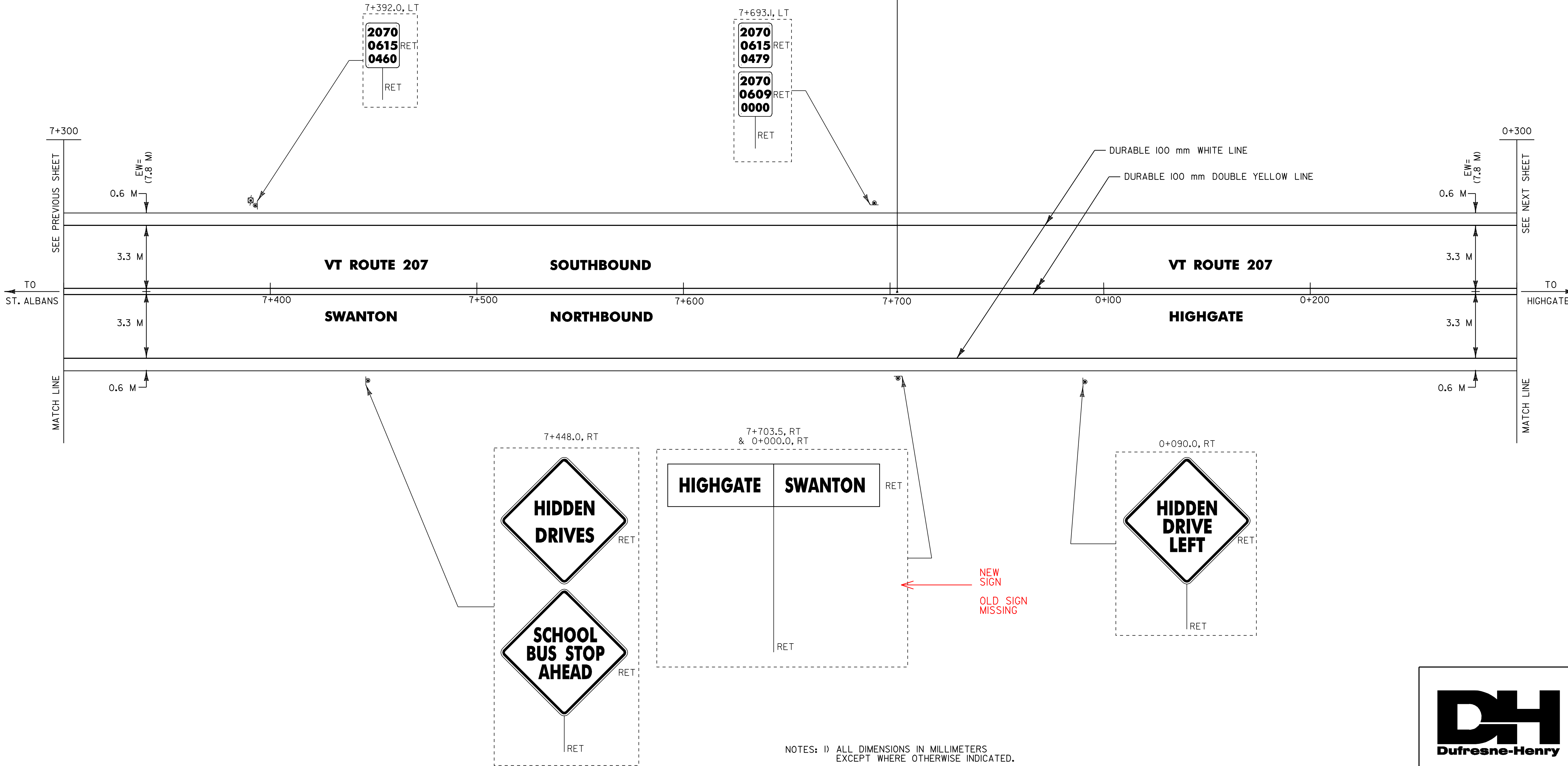
PLOT DATE: 16-SEP-2005 13:16
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 32 OF 89

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 1+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/98cll0/pcll0.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	D-H
IPARM FILE NAME:	pcll0pl8.1
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.

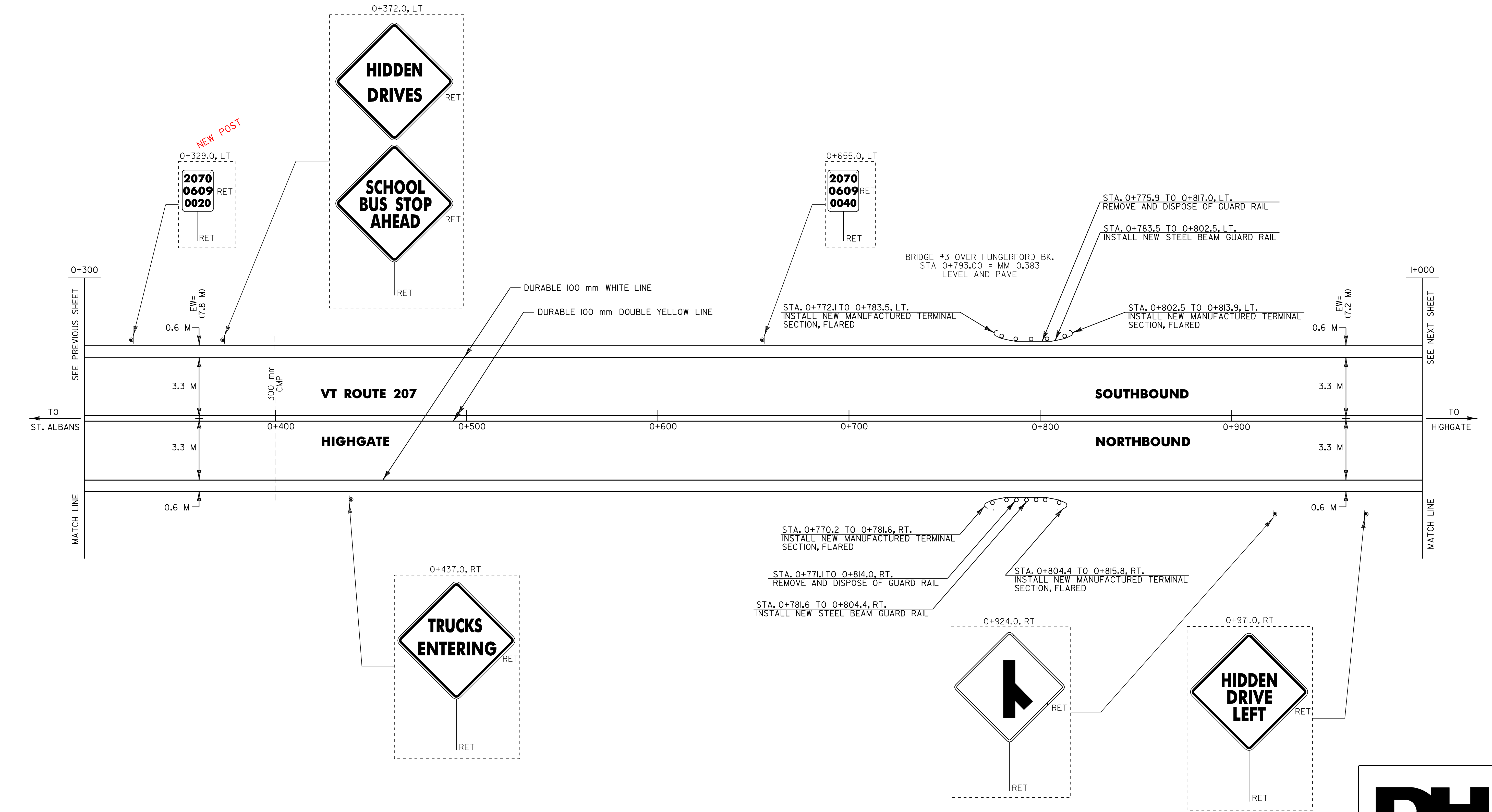
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD.2)
STA. 0+300.0 TO STA. 1+000.0, SOLID LT. & RT.

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

**PROJECT
LAYOUT
#19**

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: pcll0p19.1

PLOT DATE: 16-SEP-2005 13:16
DRAWN BY: D-H
CHECKED BY: D-H
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+I69.8, RT.

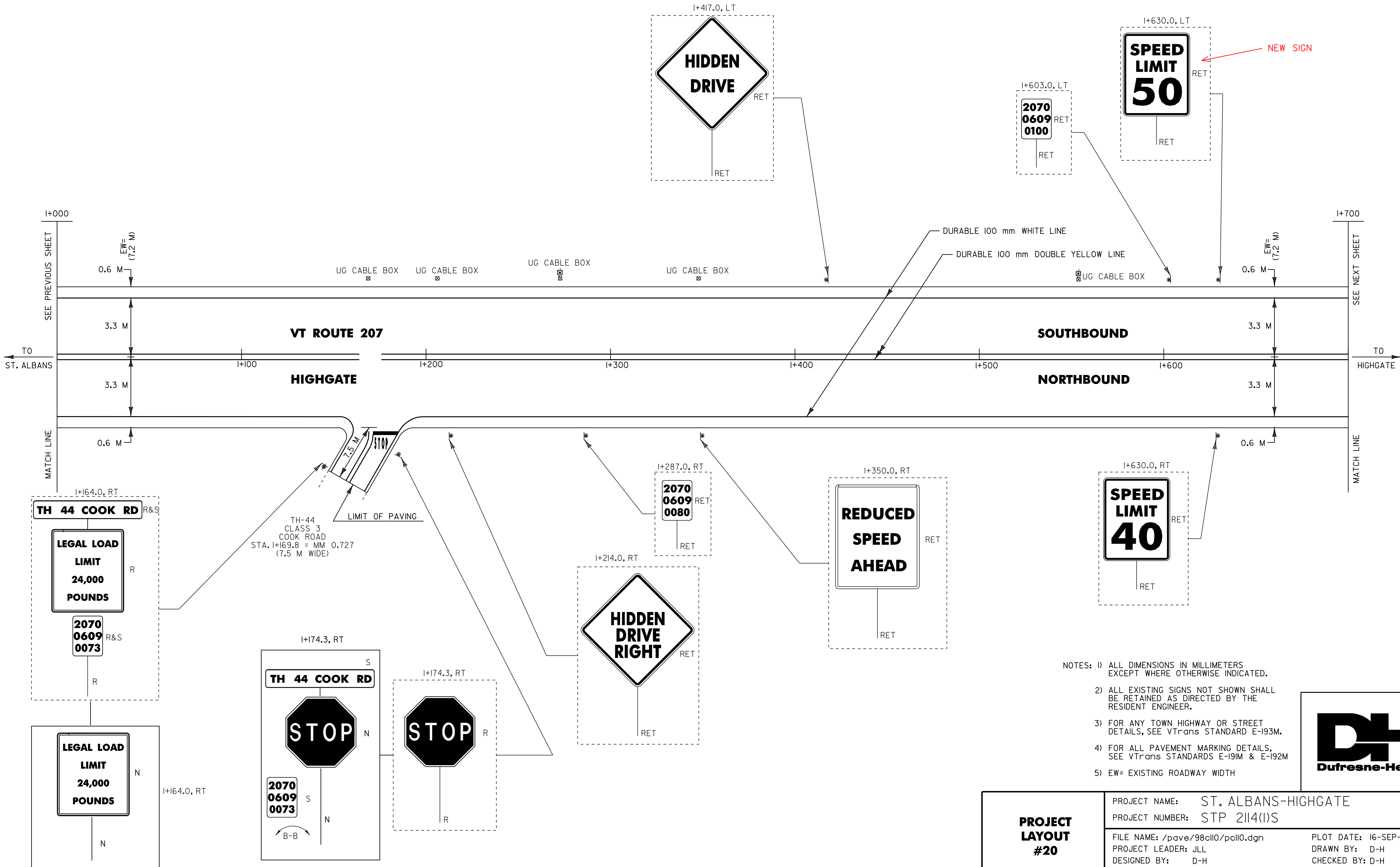
TEMPORARY AND DURABLE LETTER OR SYMBOL (MOD. 2)
STA. I+I69.8, RT. - "STOP"

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+35I.8 TO I+367.9, LT.
(FOR DETAILS SEE SHEET II)



- 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
#20

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: pcll0p20.1

PLOT DATE: I6-SEP-2005 I3:16
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 35 OF 89

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.)

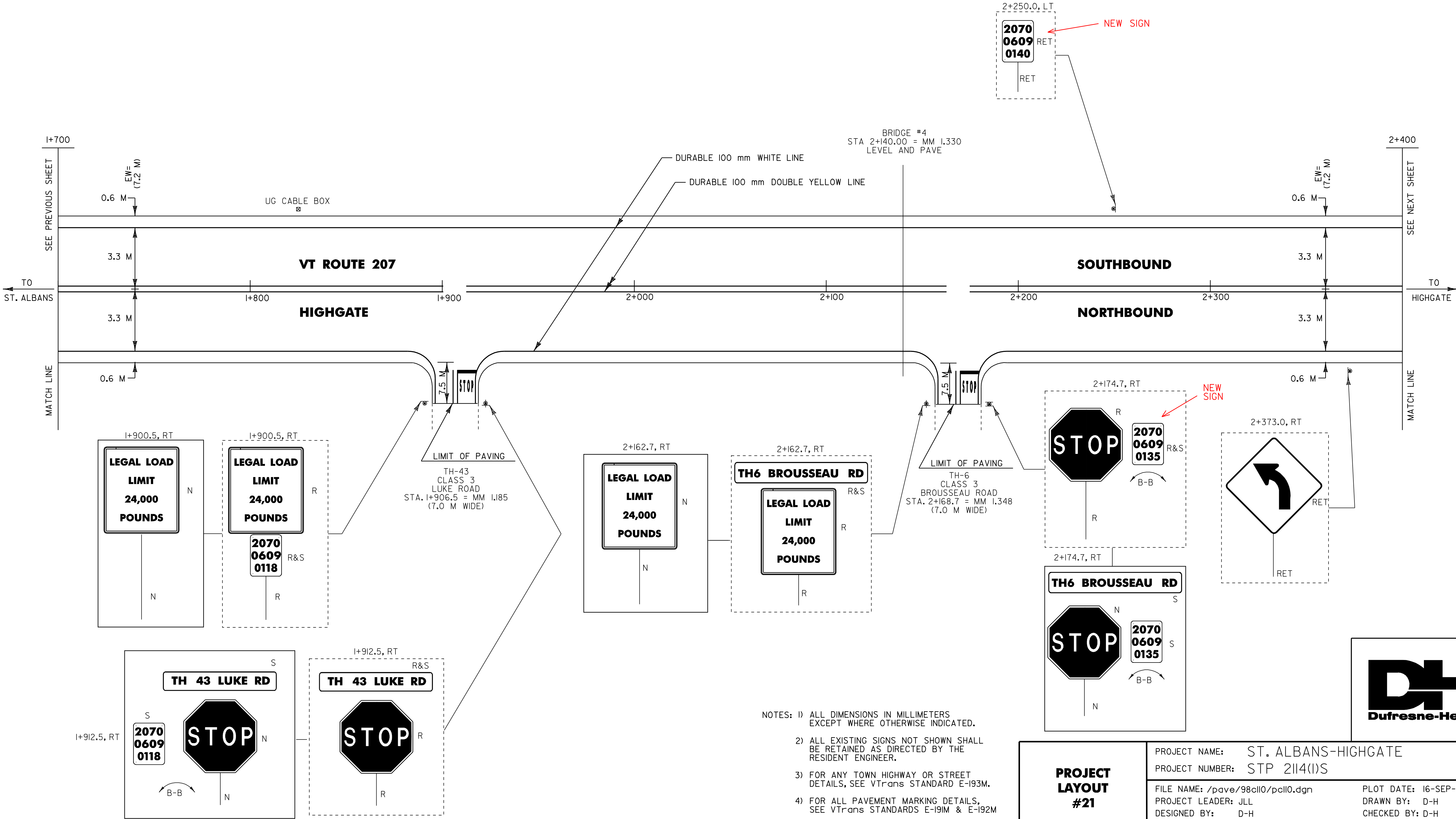
TEMPORARY AND DURABLE 600 mm STOP BAR (MOD. 2)
STA. 1+906.5, RT.
STA. 2+165.7, RT.

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)



PROJECT LAYOUT #21	PROJECT NAME: ST. ALBANS-HIGHGATE	
	PROJECT NUMBER: STP 2114(1)S	
	FILE NAME: /pave/98cll0/pcll0.dgn	PLOT DATE: 16-SEP-2005 13:16
	PROJECT LEADER: JLL	DRAWN BY: D-H
	DESIGNED BY: D-H	CHECKED BY: D-H
	IPARM FILE NAME: pcll0p21.i	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 EDGE LINE BREAK FOR PARK ST.)

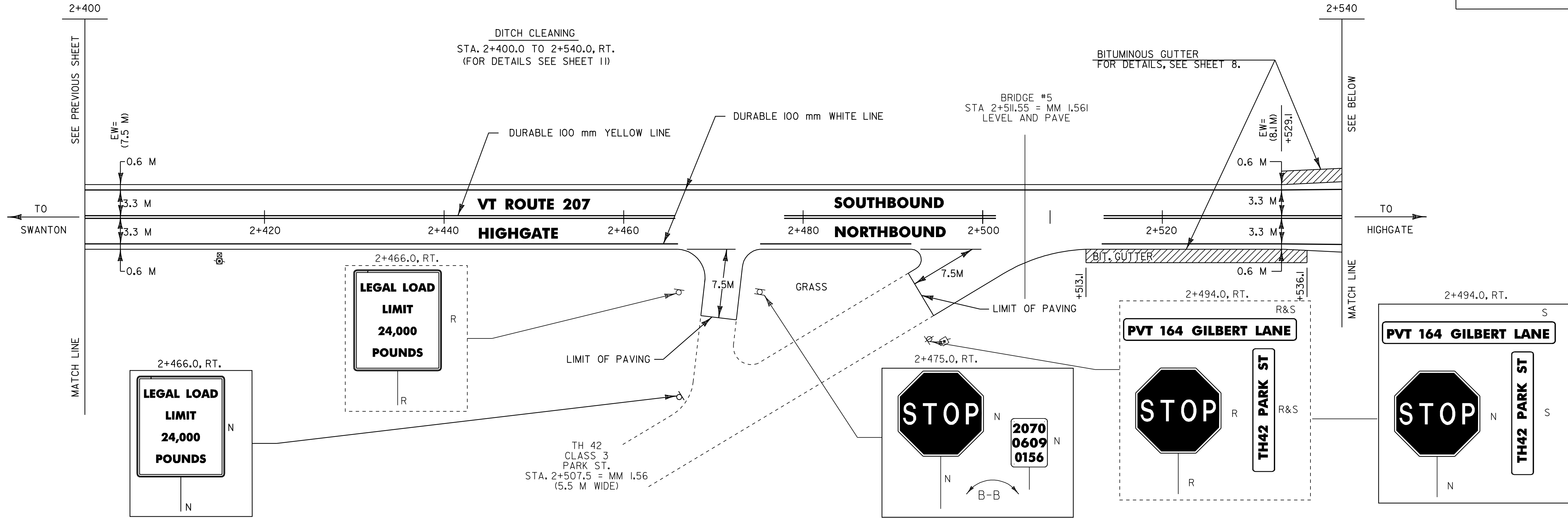
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)
STA. 2+400.0 TO STA. 2+540.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR PARK ST.)

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

Metric



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

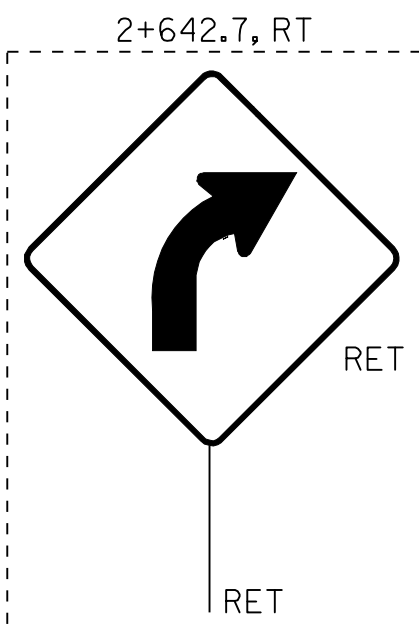
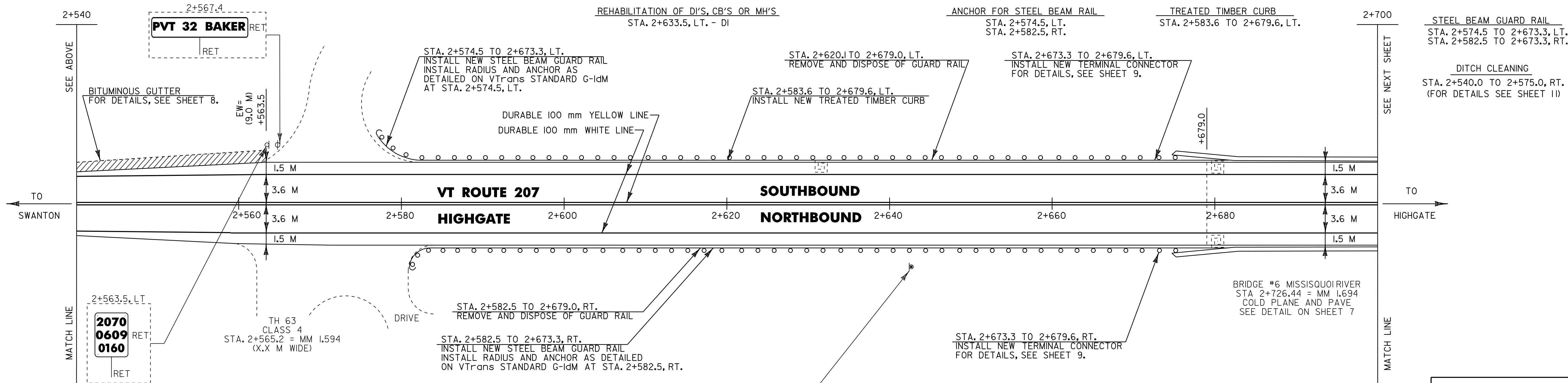
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)
STA. 2+540.0 TO STA. 2+700.0, SOLID LT. & RT.

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

PROJECT
LAYOUT
#22

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: pcll0p22.1

PLOT DATE: 16-SEP-2005 13:16
DRAWN BY: D-H
CHECKED BY:
SHEET 37 OF 89

DH
Dufresne-Henry

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.

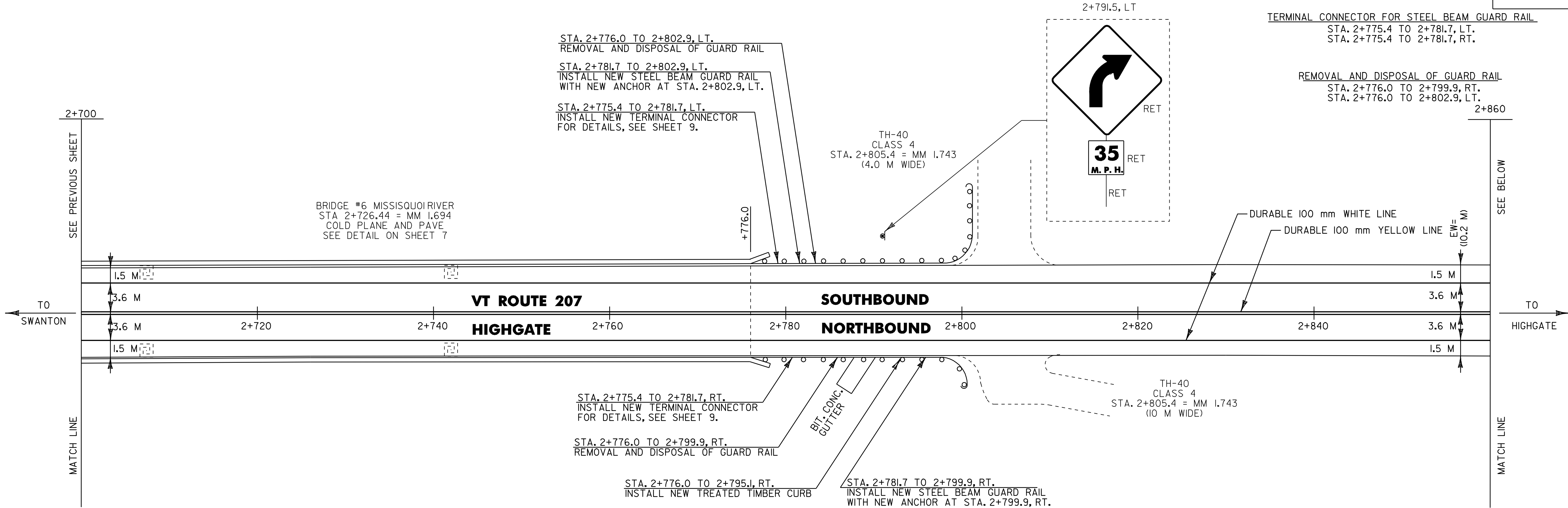
CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 2+707.5, LT. & RT. - DI'S
STA. 2+742.0, LT. & RT. - DI'S

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.

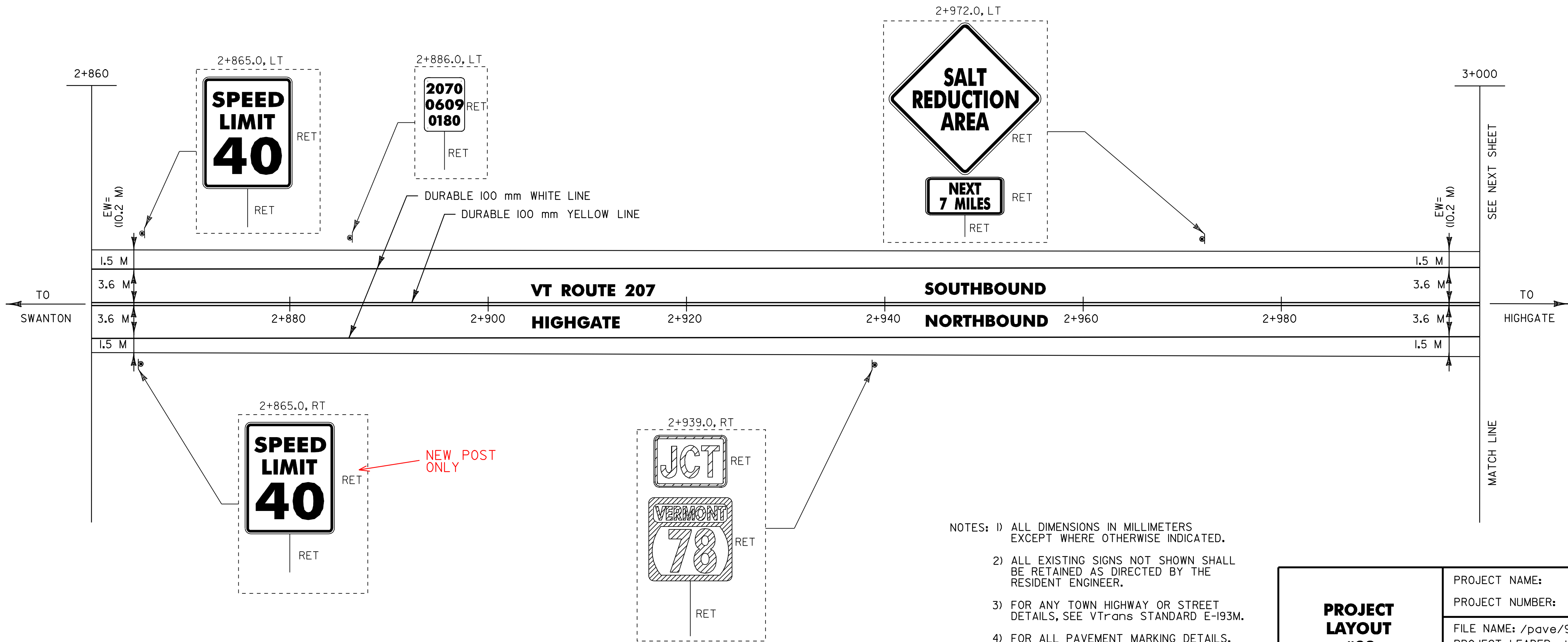
ANCHOR FOR STEEL BEAM RAIL
STA. 2+799.9, RT.
STA. 2+802.9, LT.

Metric



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

PROJECT LAYOUT #23

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: pcll0p23.1

PLOT DATE: 16-SEP-2005 13:17
DRAWN BY: D-H
CHECKED BY:
SHEET 38 OF 89

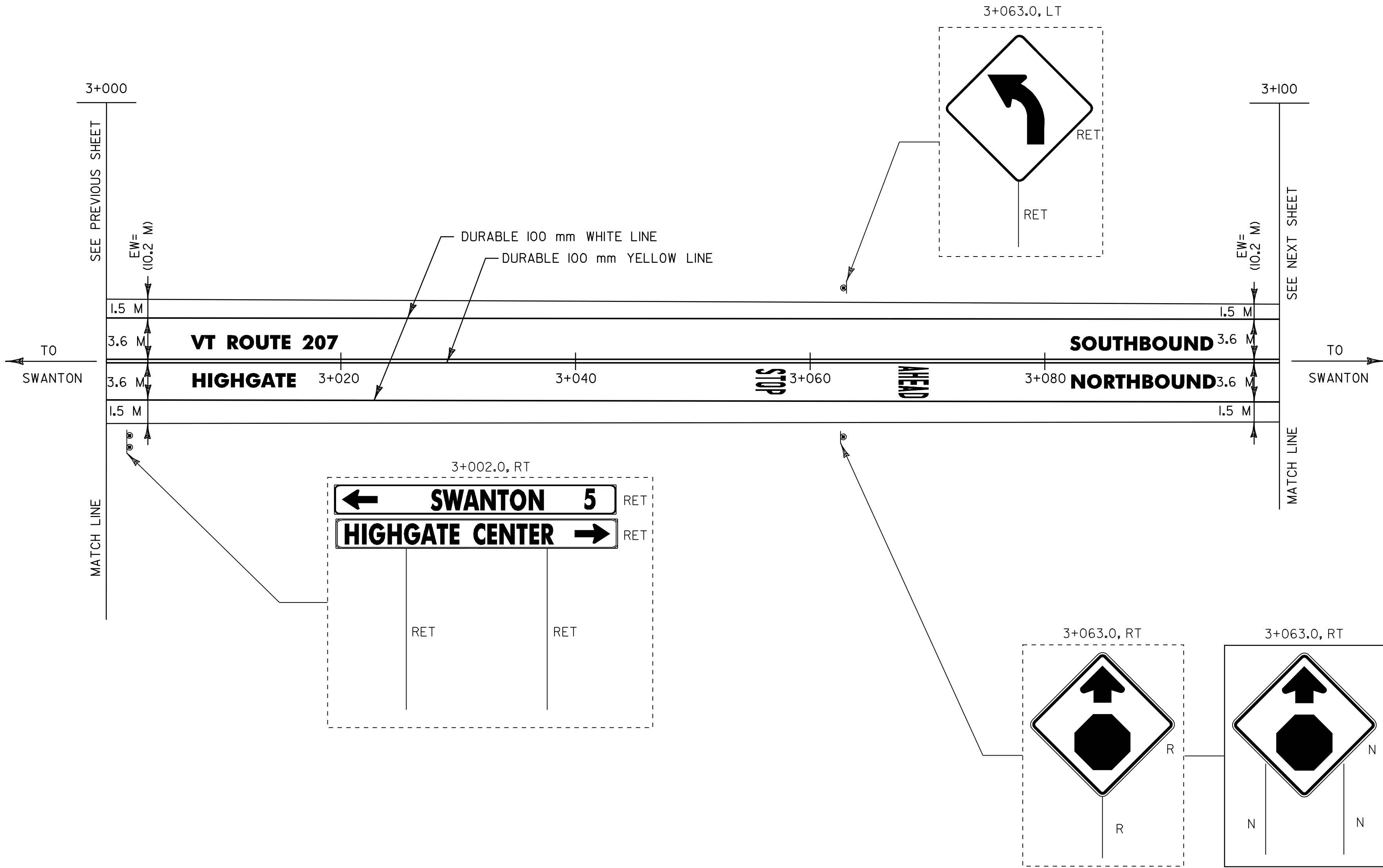
DH
Dufresne-Henry

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 - 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

**PROJECT
LAYOUT
#24**

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: pcll0p24.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.

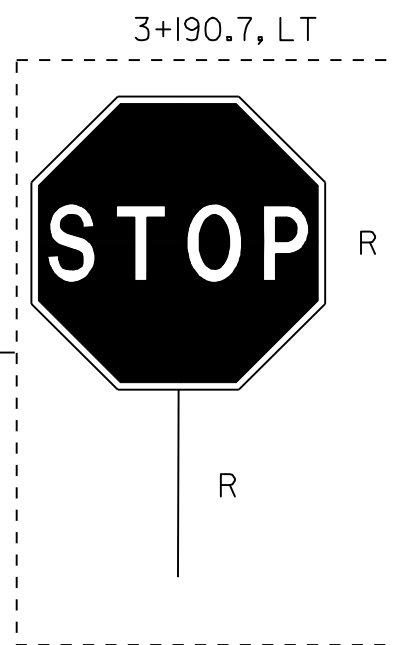
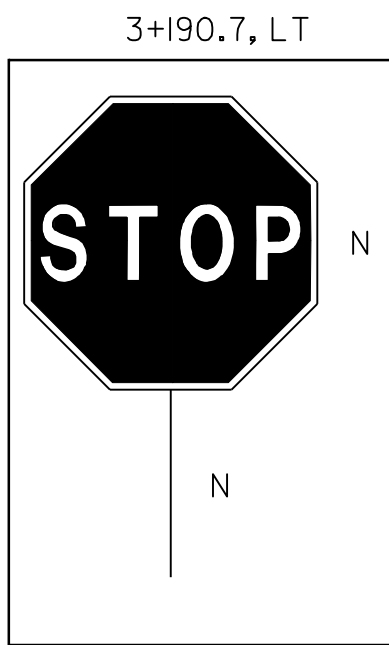
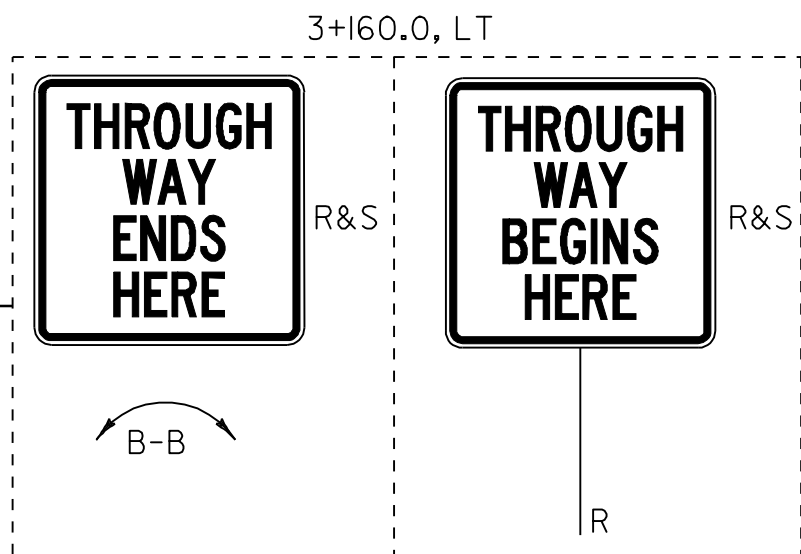
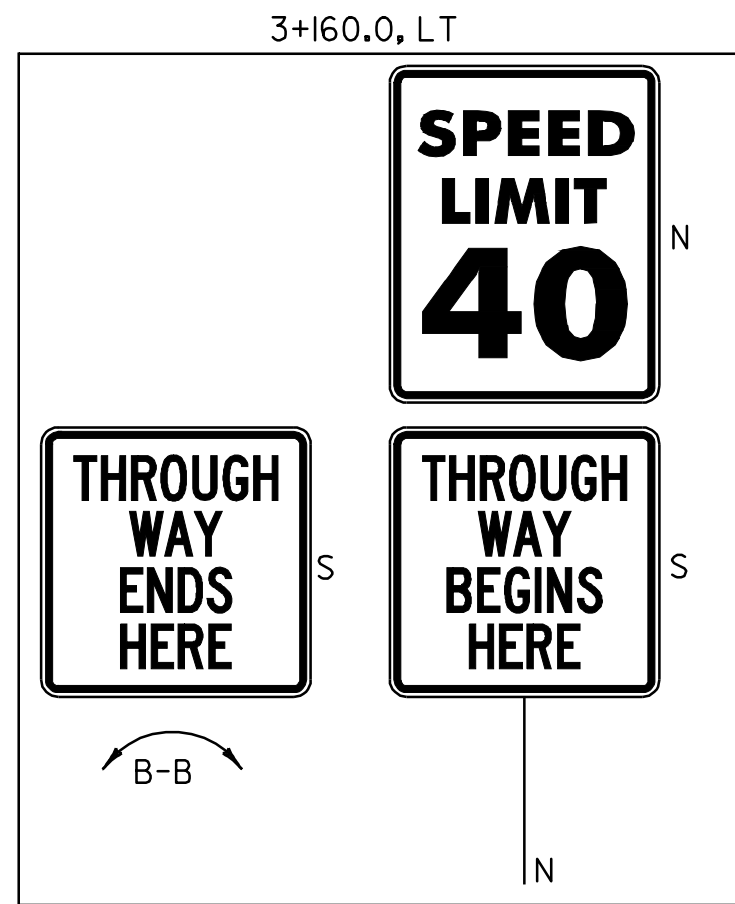
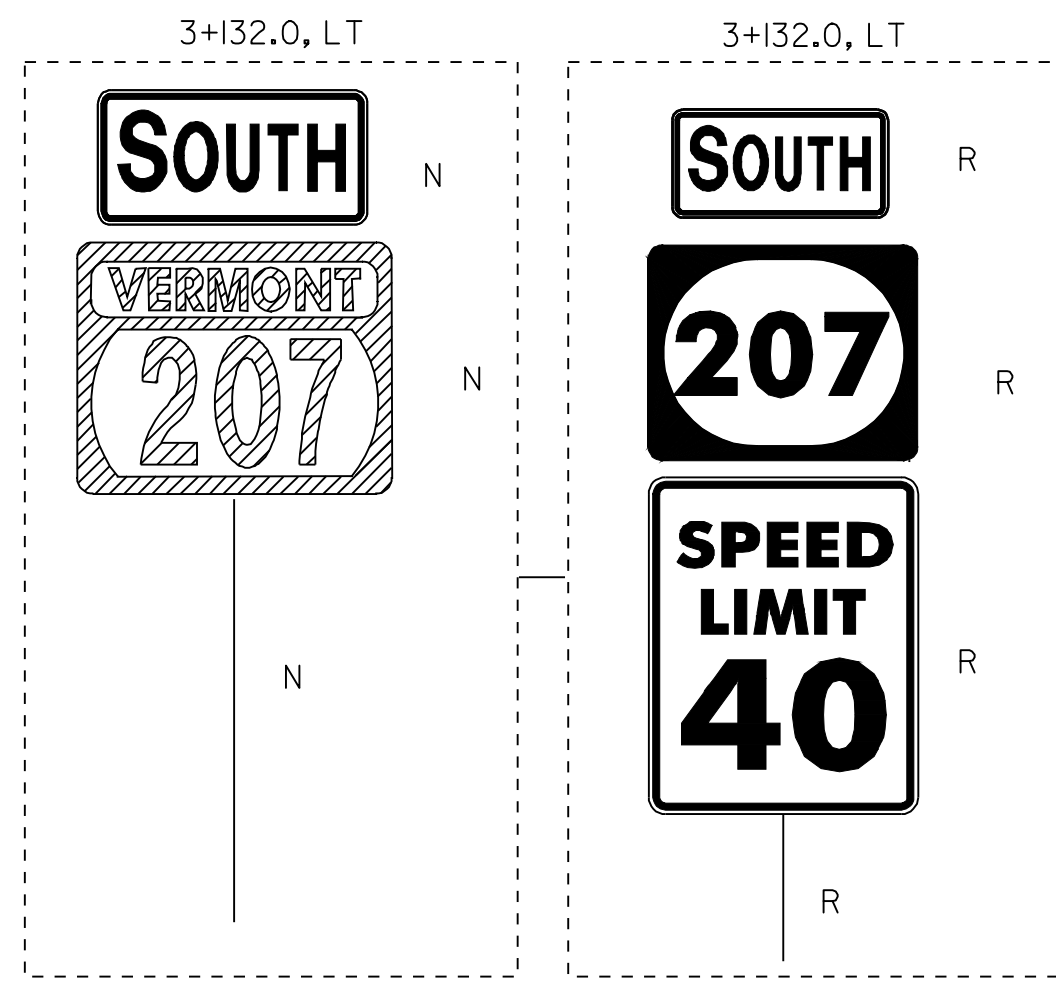
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD. 2)
STA. 3+100.0 TO STA. 3+191.0, SOLID LT. & RT.

REMOVING SIGNS
AS SHOWN - 9

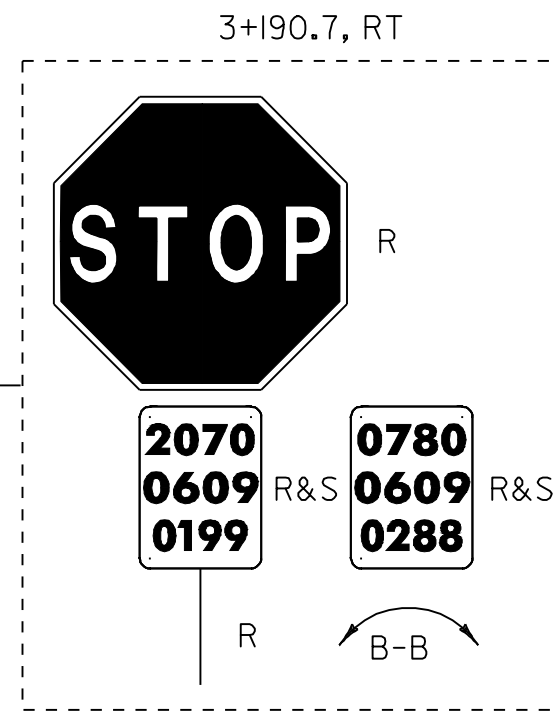
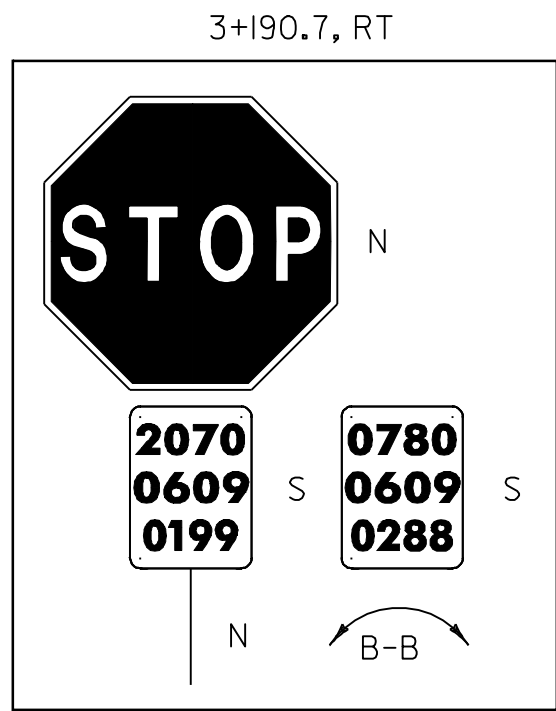
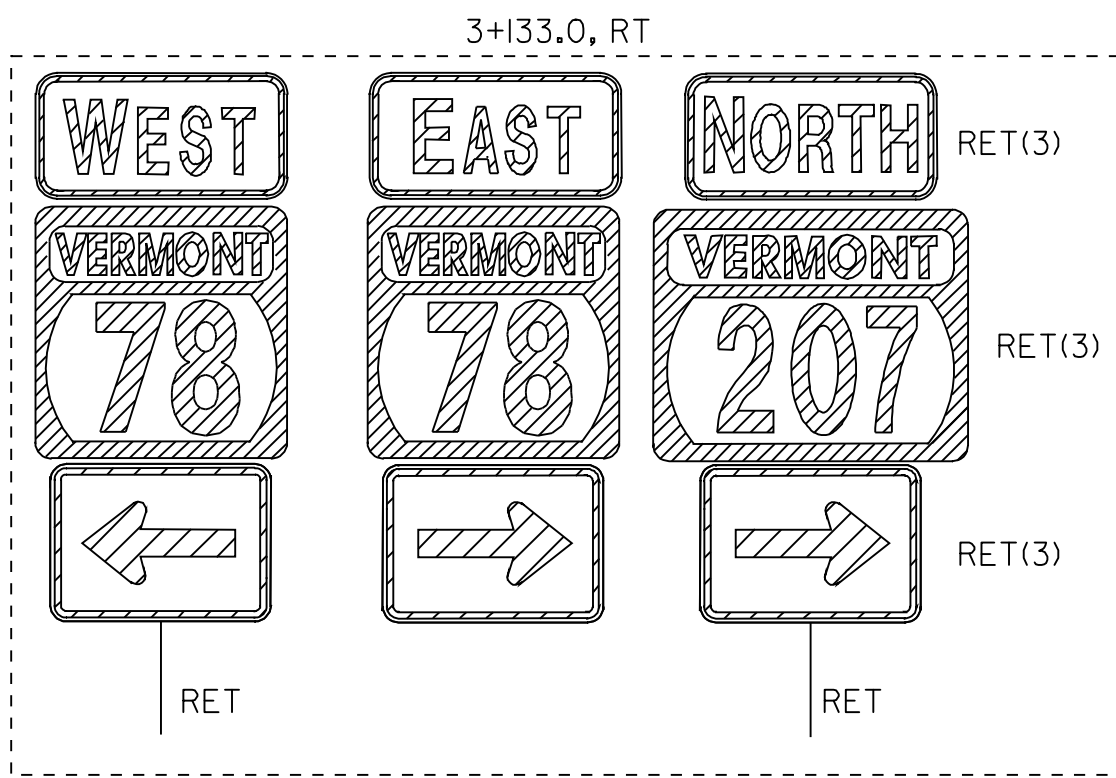
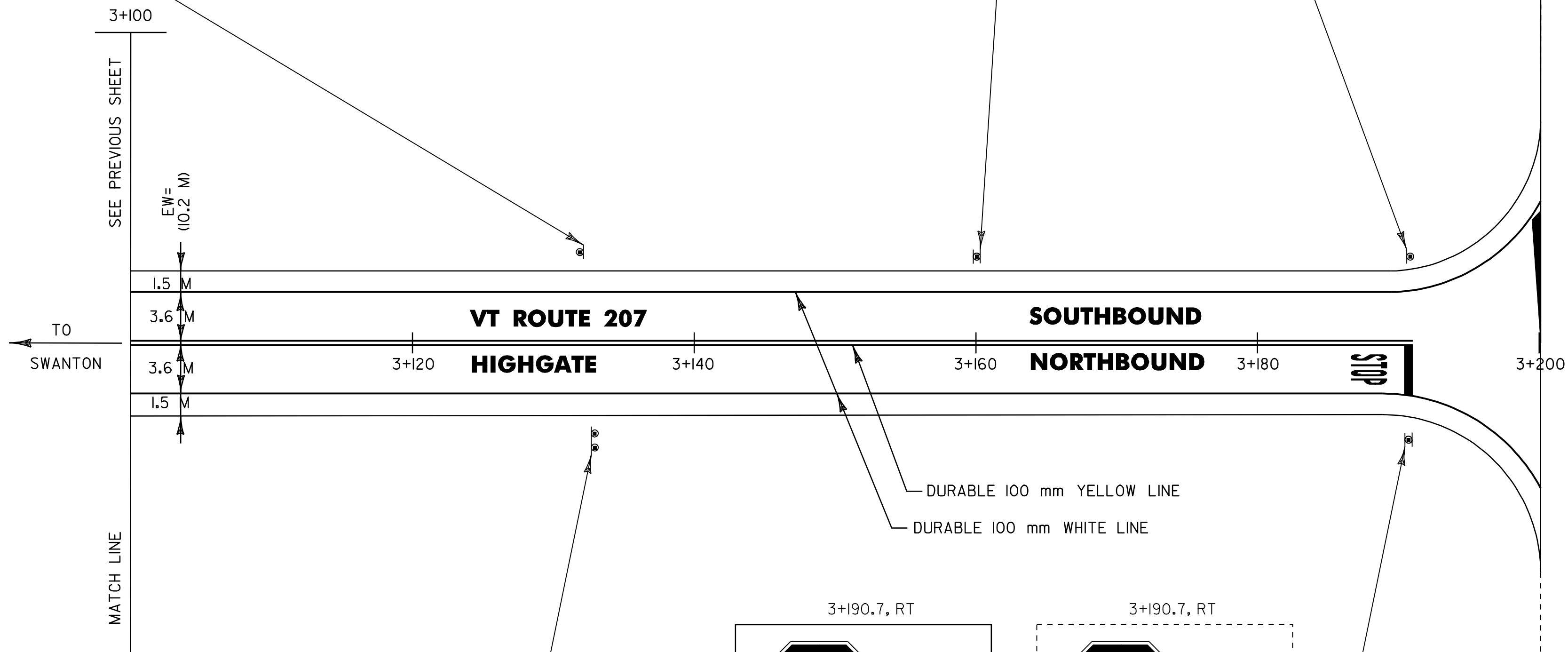
ERECTING SALVAGED SIGNS
AS SHOWN - 4

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
PROJECT NUMBER: STP 2114(1)S

FILE NAME: /pave/98cll0/pcll0.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pcll0p25.1

PLOT DATE: 16-SEP-2005 13:17
DRAWN BY: D-H
CHECKED BY:
SHEET 40 OF 89

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REQUIR- ED SIGN- AGE	REMARKS	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
											FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL					DETAIL ON SHEET NUMBER	STD. SHEET NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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		E A	WIDTH (mm)	HEIGHT (mm)	“A”	“B”	SALV SIGN				SALV TIS	kg/m	1.7	3.0	4.5	3.4	3.9	5.0	1.9			2.5	2.5	11.3	13.4	16.1			21.7	600 mm	750 mm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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UTILITY LOCATIONS*

(FOR INFORMATIONAL PURPOSES ONLY)

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)

STRUCTURE REHABILITATION LOCATIONS

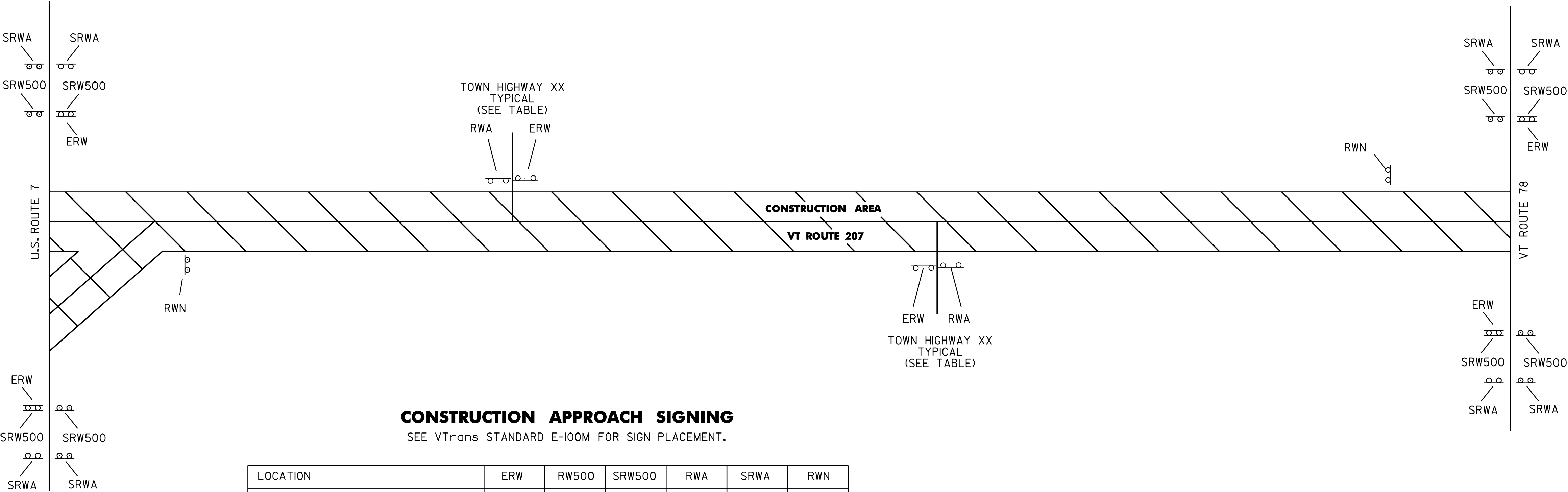
STATION	POSITION	DESCRIPTION
VT ROUTE 207		
ST. ALBANS		
0+484.0	RT.	WSO - IN GREENBELT
0+486.0	RT.	DI- IN GREENBELT
HIGHGATE		
2+633.5	LT	DI
2+680.3	LT & RT	DI
2+707.5	LT & RT	DI
2+742.0	LT & RT	DI

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

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
ST. ALBANS						
U.S. ROUTE 7 (NORTHBOUND)	I		2		2	
U.S. ROUTE 7 (SOUTHBOUND)	I		2		2	
U.S. ROUTE 7 APPROACH						I
RAMP A				I		
RAMP C	I					
RAMP B	I					
RAMP D				I		
SWANTON						
TH-57	I			I		
TH-56	I			I		
BUSHEY RD.	I			I		
WOODSHILL RD. (LEFT)	I			I		
WOODSHILL RD. (RIGHT)	I			I		
HIGHGATE						
COOKE RD.	I			I		
LAKE ST.	I			I		
BROUSSEAU RD.	I			I		
PARK ST.	I			I		
END PROJECT						I
VT ROUTE 78 (EASTBOUND)	I		2		2	
VT ROUTE 78 (WESTBOUND)	I		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
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



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

- 06-13-97
05-30-03
06-30-03
06-13-97
09-24-98
06-13-97
06-30-03
06-13-97
06-13-97
06-13-97
06-13-97
06-13-97
06-13-97
06-13-97
03-29-99
06-13-97
06-13-97
06-13-97
06-13-97
06-30-03
02-01-99
12-28-98
06-13-97
01-03-00
01-03-00
11-15-02
06-13-97

STATE OF VERMONT
AGENCY OF TRANSPORTATION



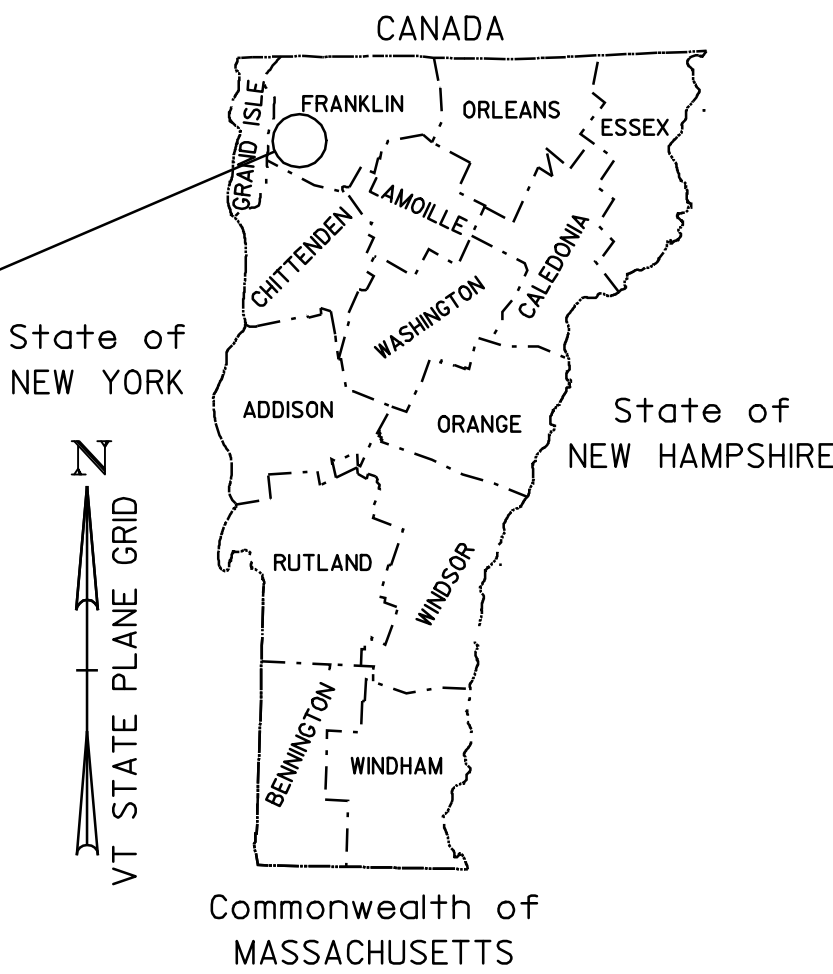
PROPOSED IMPROVEMENT
TOWNS OF ST. ALBANS
AND SWANTON
COUNTY OF FRANKLIN
U.S. ROUTE 7

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.

PROJECT LOCATION
STP 2335(1)S



BITUMINOUS CONCRETE PAVEMENT
SUPERPAVE MIXTURE DESIGN CRITERIA

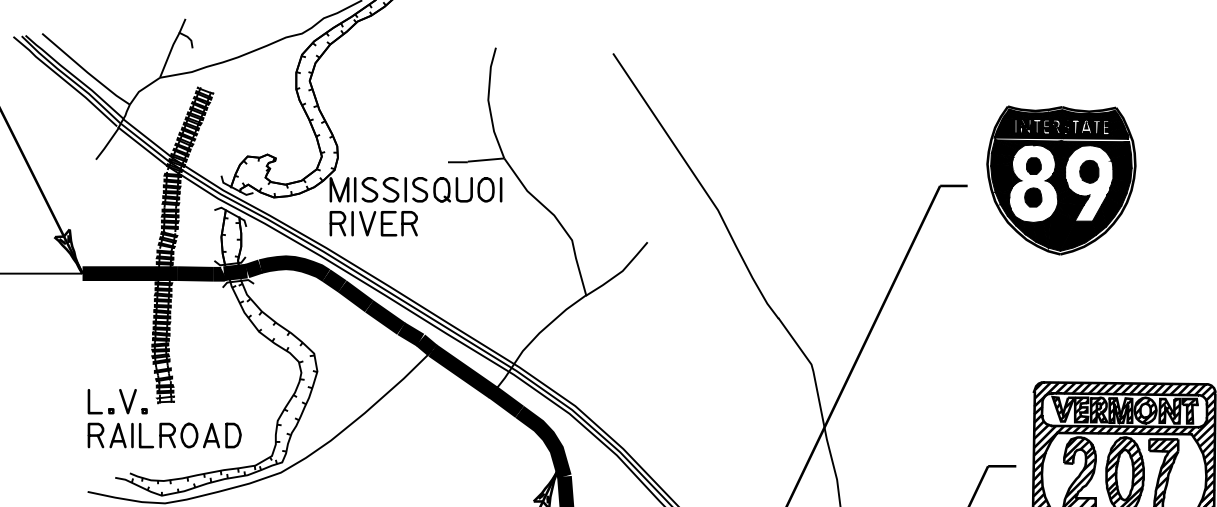
DESIGN LANE / DESIGN LIFE ESAL	2,219,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-34

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

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

TOWN OF SWANTON



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)

TOWN OF ST. ALBANS

CITY OF ST. ALBANS

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

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

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
TEL = EXISTING TELEPHONE MANHOLE
ELEC = EXISTING ELECTRIC MANHOLE
SMH = EXISTING SEWER MANHOLE
WSO = EXISTING WATER SHUTOFF
GSO = 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.

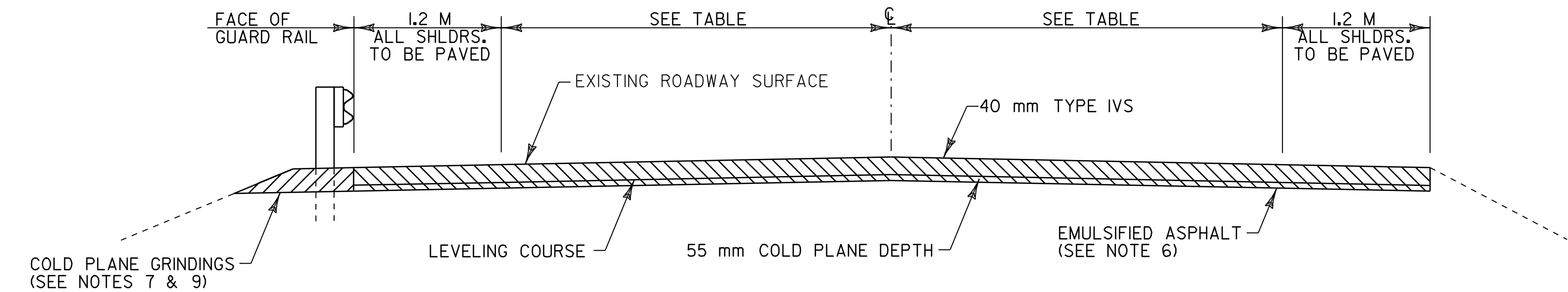
UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".

Metric

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

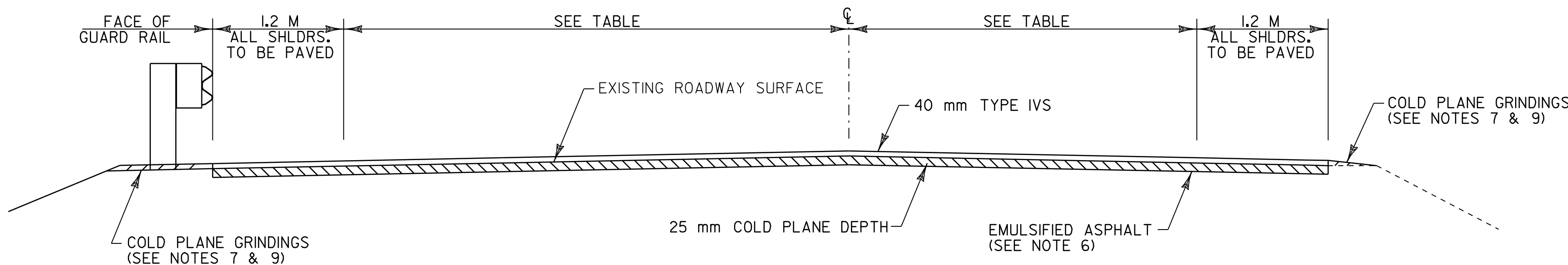
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____
DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE _____
PROJECT MANAGER :
PROJECT NAME : ST. ALBANS - SWANTON PROJECT NUMBER : STP 2335(1)S
SHEET 47 OF 89 SHEETS

DH
Dufresne-Henry



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

- NOTES**
1. 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.
 2. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
 3. 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.
 4. 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.
 5. WHEN COLD PLANING BRIDGE NO. 178, CARE SHALL BE TAKEN TO AVOID THE EXISTING MEMBRANE.
 6. 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/m² OR AS DIRECTED BY THE ENGINEER.
 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 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. THE USE OF ITEM 203.99, SHOULDER BERM REMOVAL IS APPROPRIATE ONLY IN AREAS OF RETAINED GUARD RAIL.
9. 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.)
10. 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.
11. 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.
12. MARKER POSTS SHALL BE USED TO DELINEATE PIPE INLETS AND OUTLETS ONLY.
13. 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 PAVING LIMITS						
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	VARIES - 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	VARIES - 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	VARIES - 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	VARIES - 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	VARIES - SEE LAYOUT SHEETS	40 mm	124	COLD PLANE 55 mm, THEN LEVEL & OVERLAY WITH 40 mm TYPE IVS

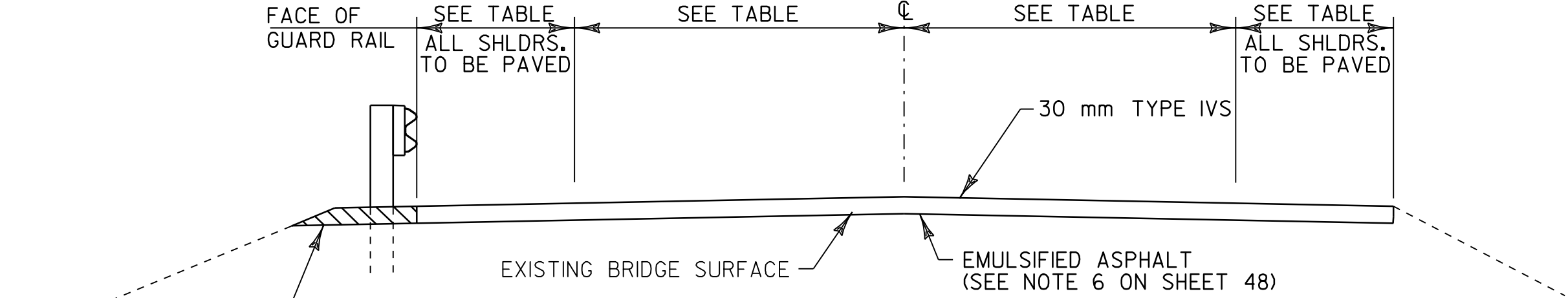
NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

PROJECT TYPICALS,
PAVING LIMITS &
NOTES

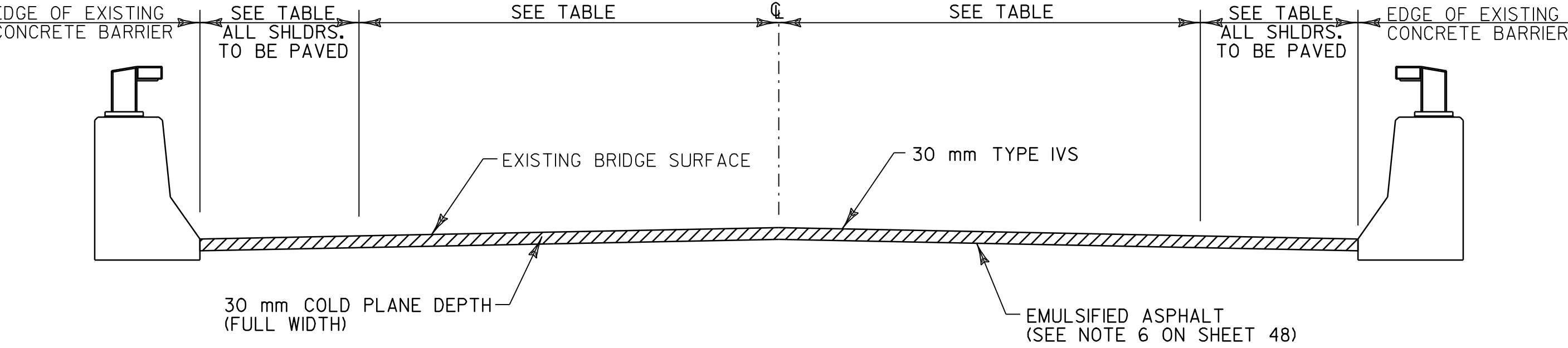
PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: STP 2335(I)S

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

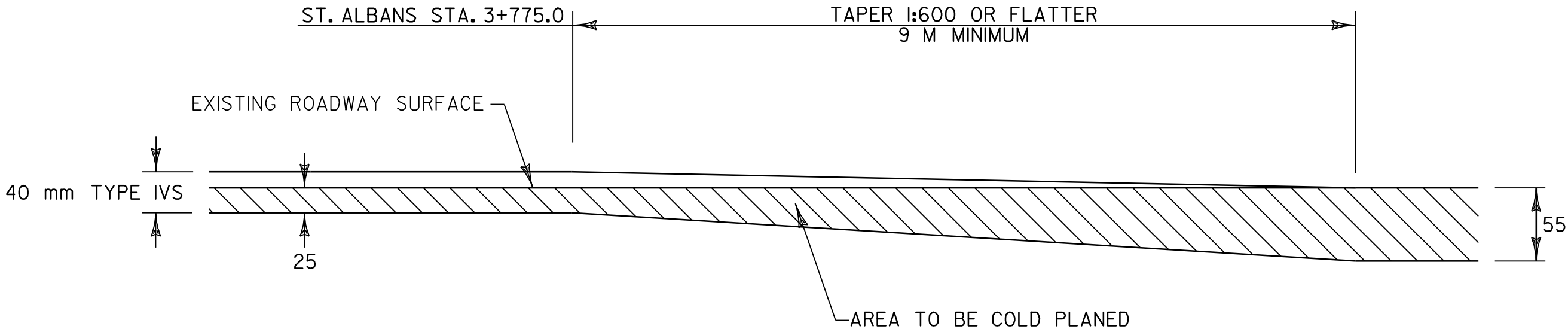
PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY:
SHEET 48 OF 89



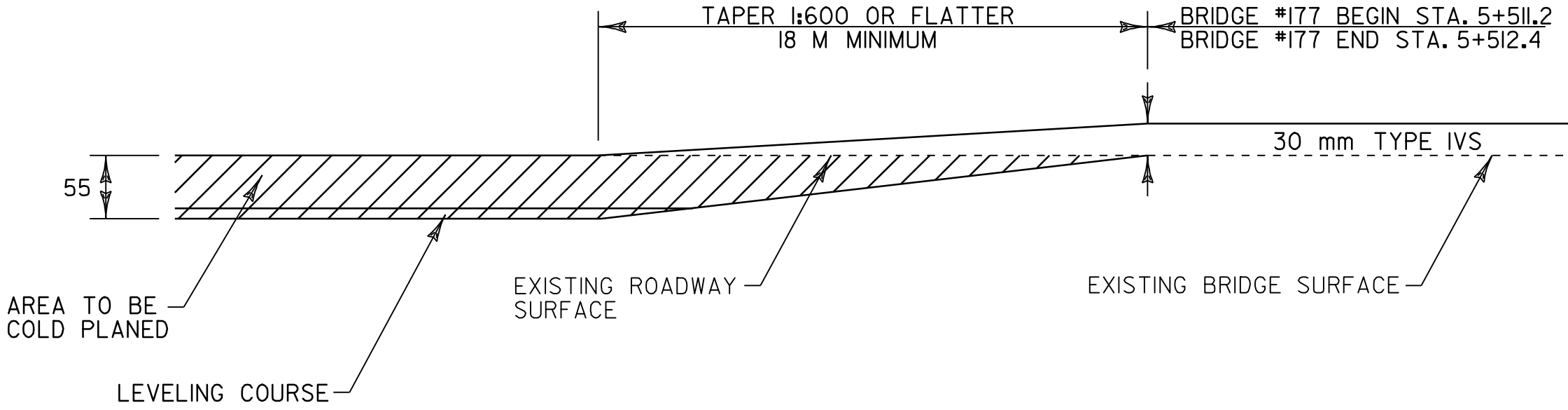
30 mm OVERLAY TYPICAL SECTION - BRIDGE #177
FULL ROADWAY WIDTH
SWANTON STA. 5+511.2 TO 5+512.4 - BRIDGE #177



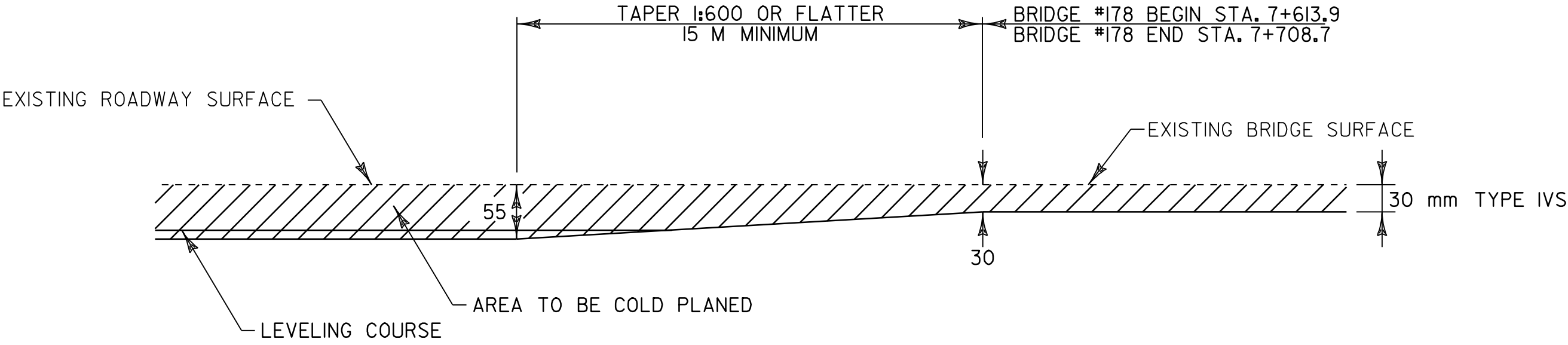
30 mm COLD PLANE TYPICAL SECTION - BRIDGE #178
FULL ROADWAY WIDTH
SWANTON STA. 7+613.9 TO 7+708.7 - BRIDGE #178



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

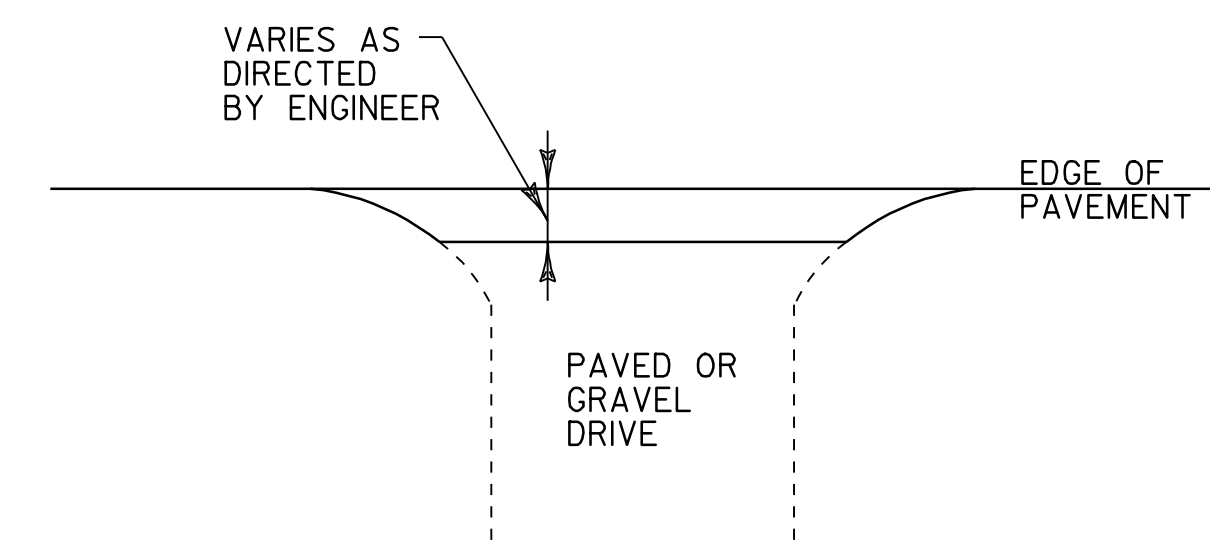
NOTE: 1) ALL DIMENSIONS IN MILLIMETERS
EXCEPT WHERE OTHERWISE INDICATED.

**PROJECT TYPICALS
& TRANSITION
DETAILS**

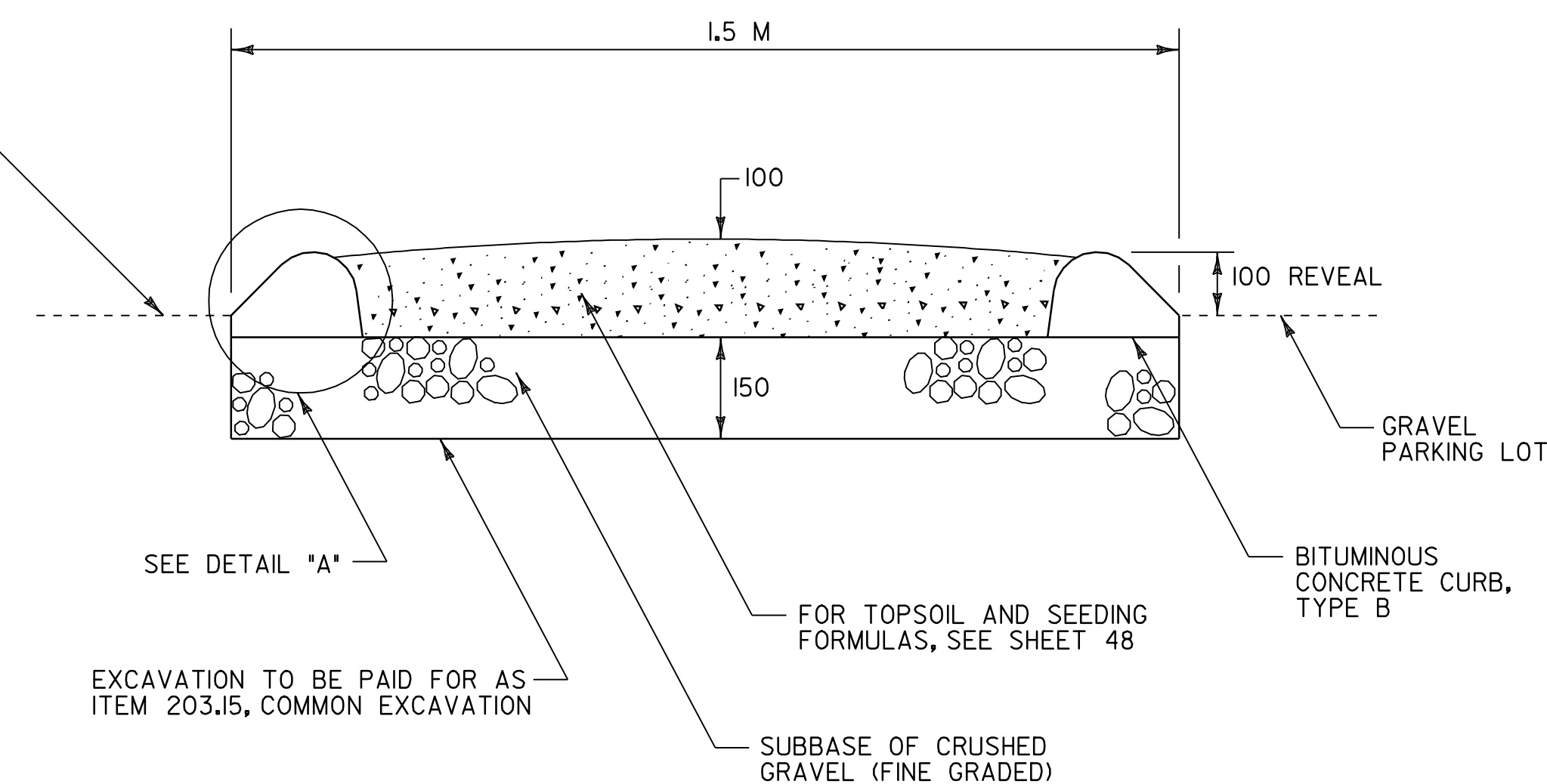
PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: STP 2335(I)S

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

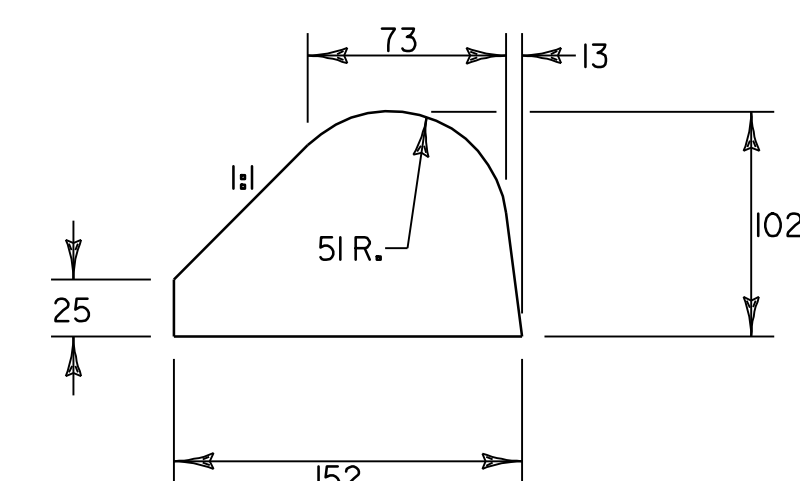
PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY:
SHEET 49 OF 89



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



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



ST. ALBANS TOWN STA. +1947.2 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)

PAVEMENT & ISLAND DETAILS

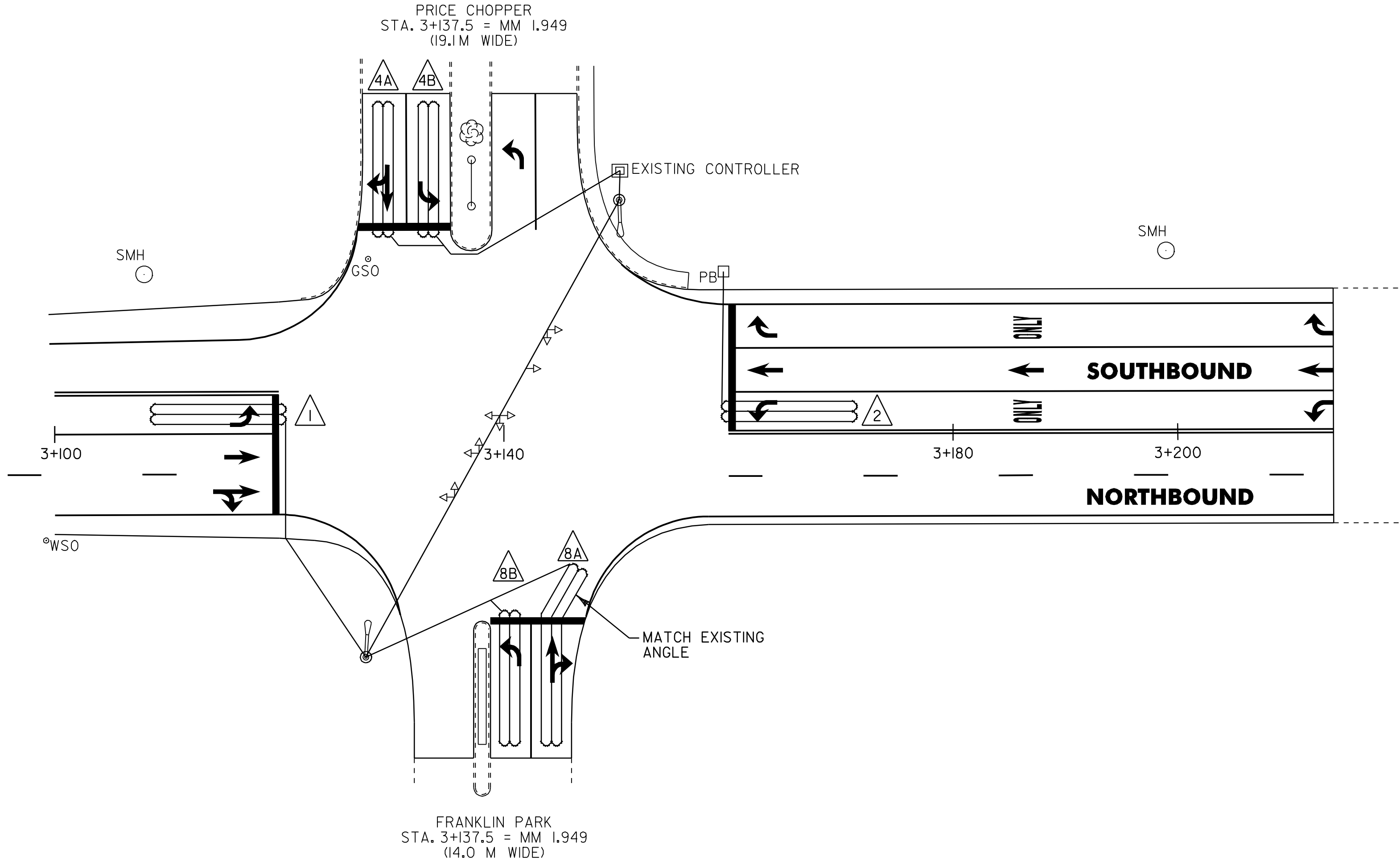
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PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pc0l6pd+02.1

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY:
SHEET 50 OF 89

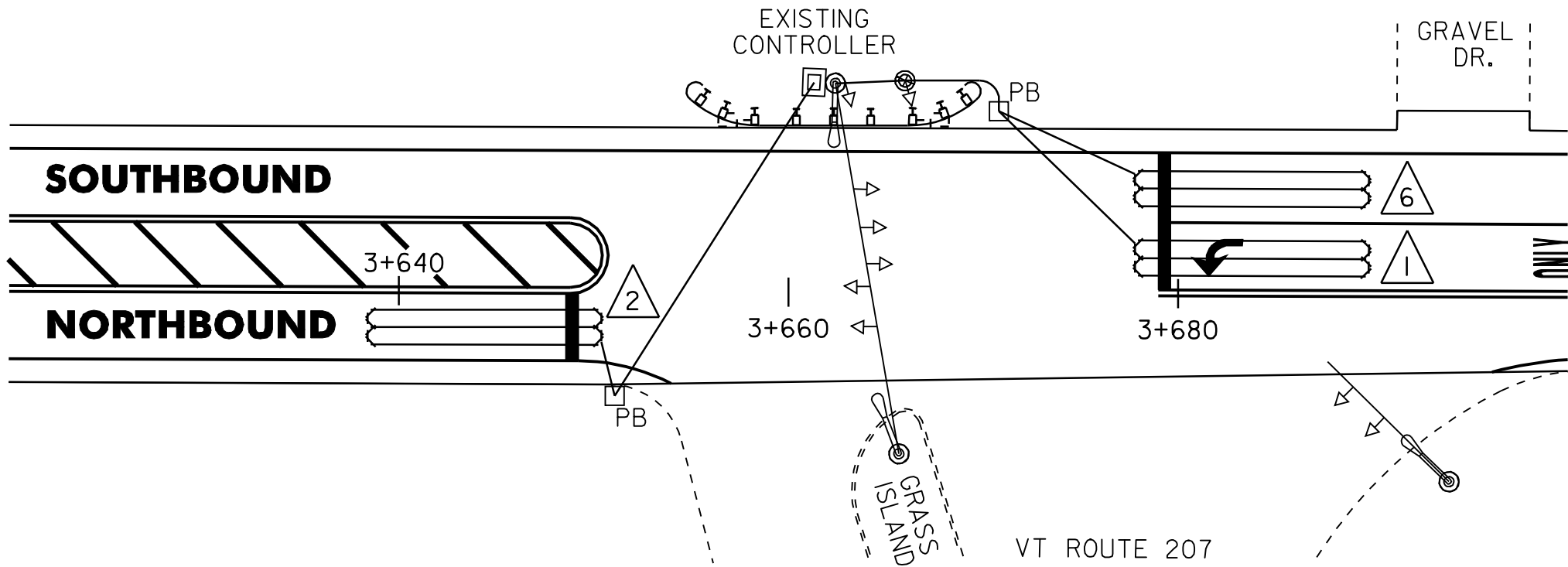
		U.S. ROUTE 7 /PRICE CHOPPER /FRANKLIN PARK INTERSECTION VEHICLE DETECTOR LOOPS										
LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE (uH)		RESISTANCE (OHMS)		LEAKAGE TO GROUND (MEGOHMS)	LOCKING MEMORY
							CALC.	ACT.	CALC.	ACT.		
U.S. ROUTE 7 - 4	1	NB - 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:

- 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.
- LOOPS ARE TO BE TERMINATED AT THE CONTROLLER WITH A 1M SLACK PER LOOP WIRE.
- 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.
- 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.
- 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.
- 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.
- ALL WORK SHALL BE SUBSIDIARY TO ITEM 678.22, VEHICLE DETECTOR LOOP. FOR ADDITIONAL DETAILS SEE VTrans STANDARDS E-172M & E-173M.
- 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 (uH)		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

VEHICLE
DETECTOR
LOOP LAYOUT

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: p01c016pd+03.1
PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 51 OF 89

[illegible]

[illegible]

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET

[illegible]

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.)

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

ERECTING SALVAGED SIGNS
AS SHOWN - 3

REMOVING SIGNS
AS SHOWN - 4



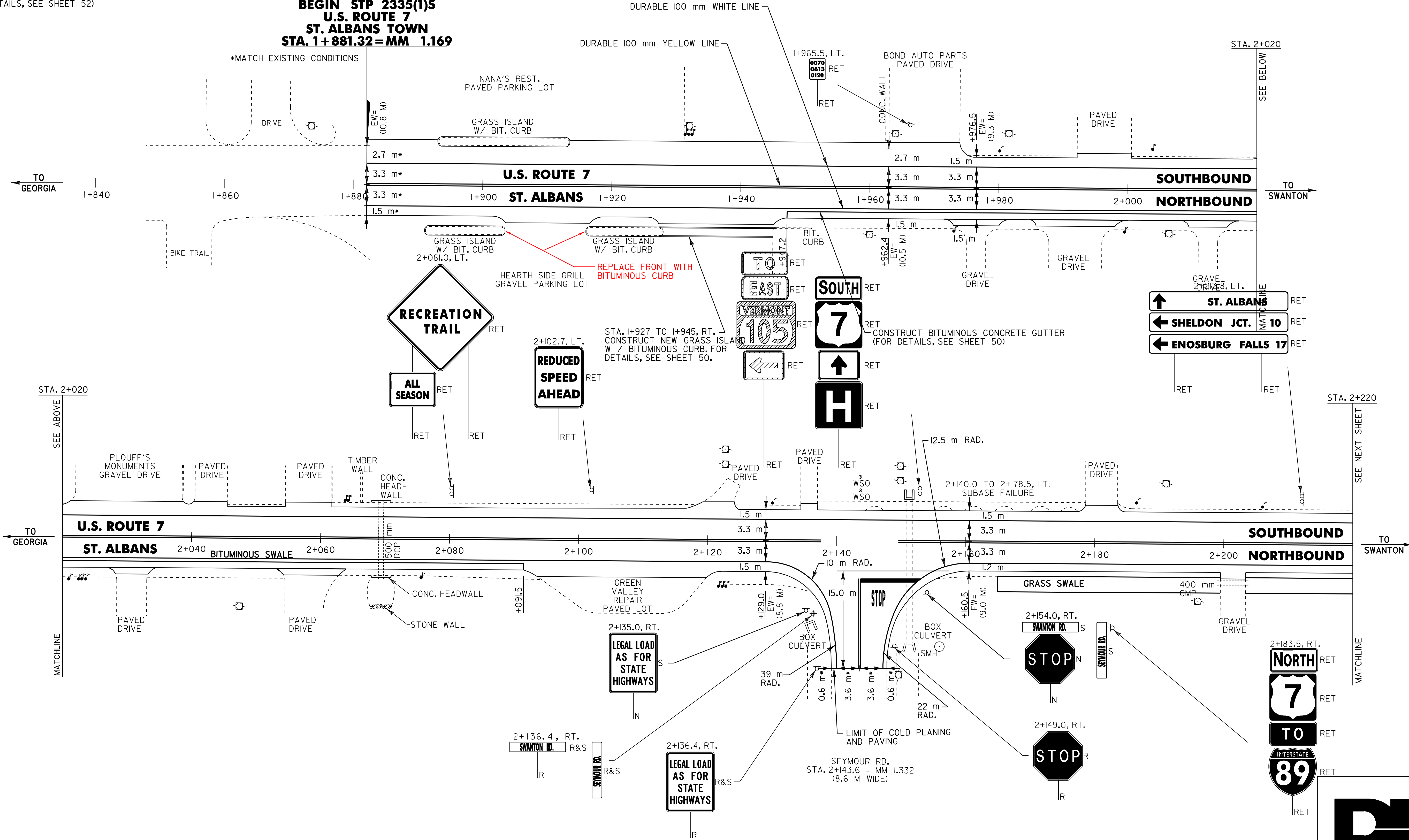
DITCH CLEANING
STA. 2+165.0 TO 2+220.0, RT. (SITE 2)
(FOR DETAILS, SEE SHEET 52)

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

REMOVAL OF EXISTING CURB
STA. 1+927.0, RT.

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 1+947.2 TO 2+091.5, RT.
(FOR DETAIL, SEE SHEET 50)

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-12IM
& E-193M.

4) EW = EXISTING ROADWAY WIDTH.

LAYOUT
SHEET #1

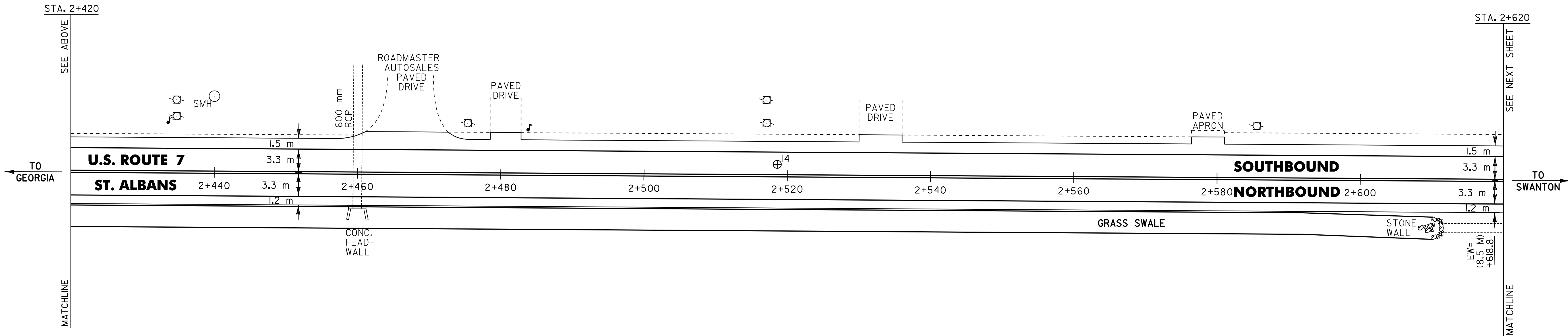
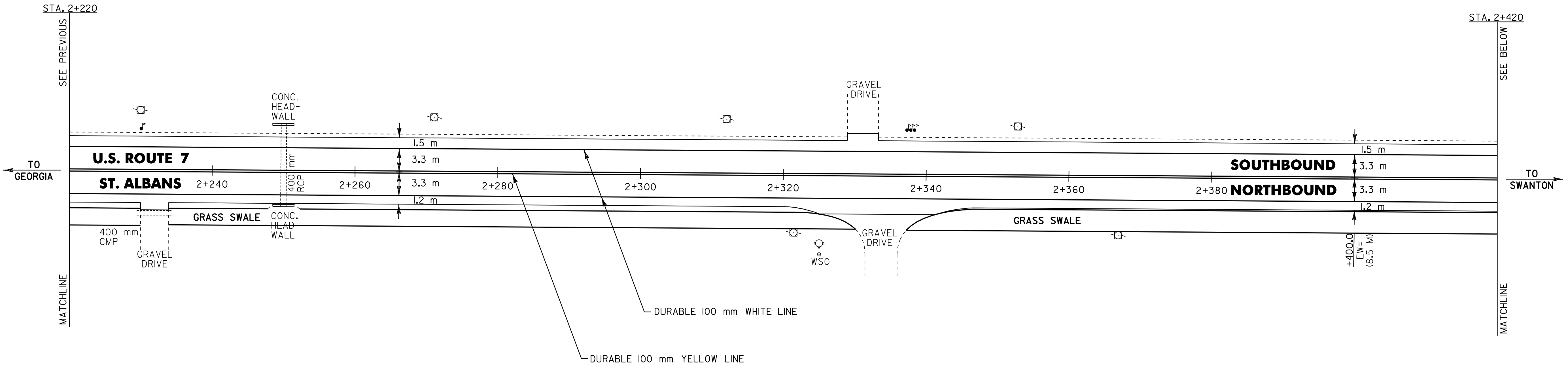
PROJECT NAME:	ST. ALBANS - SWANTON	FILE NAME:	/pave/01c016/p01c016.dgn	PLOT DATE:	16-SEP-2005 13:19
PROJECT NUMBER:	STP_2335(1)S	PROJECT LEADER:	JLL	DRAWN BY:	D-H
		DESIGNED BY:	D-H	CHECKED BY:	D-H
		IPARM FILE NAME:	p01c016i01.i	SHEET	57 OF 89



TEMPORARY & DURABLE 100 mm WHITE LINE
STA. 2+220.0 TO 2+620.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+220.0 TO 2+620.0, SOLID LT. & RT.

DITCH CLEANING
STA. 2+220.0 TO 2+610.0, RT. (SITE 2)
(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
I4	2+518.6, LT.	I27	YES

LAYOUT
SHEET #2

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: p01c016I02.1	SHEET 58 OF 89

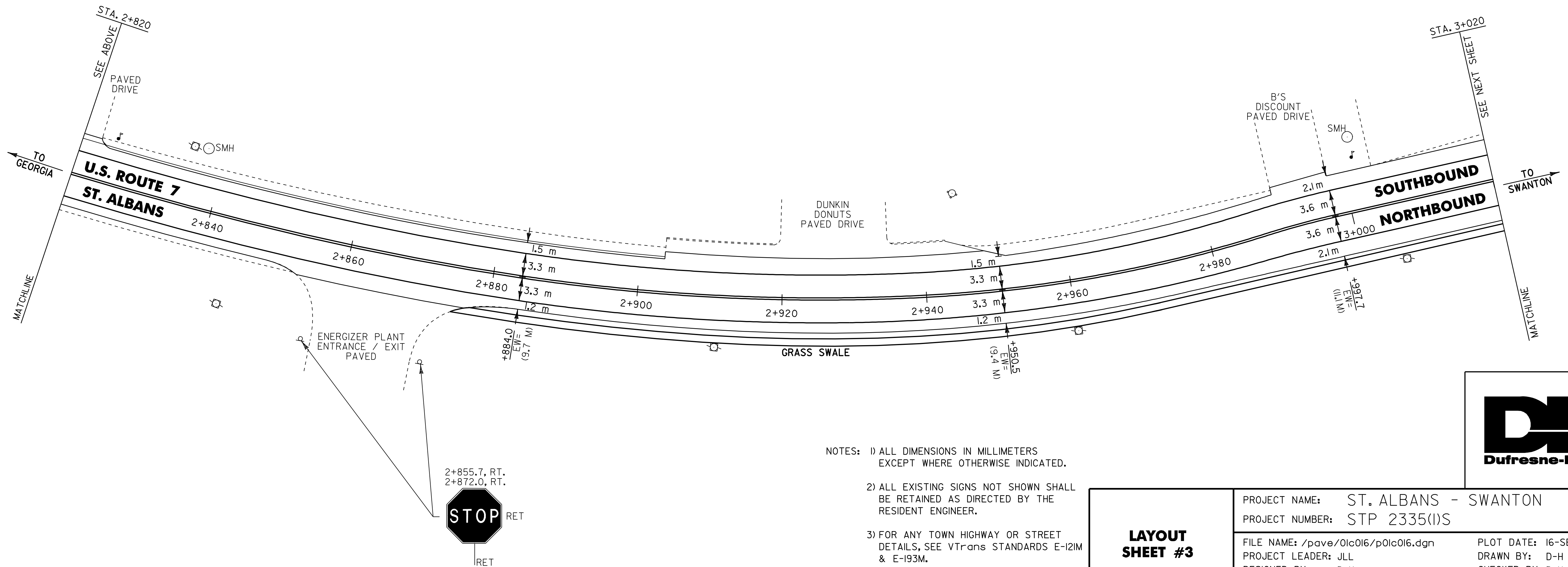
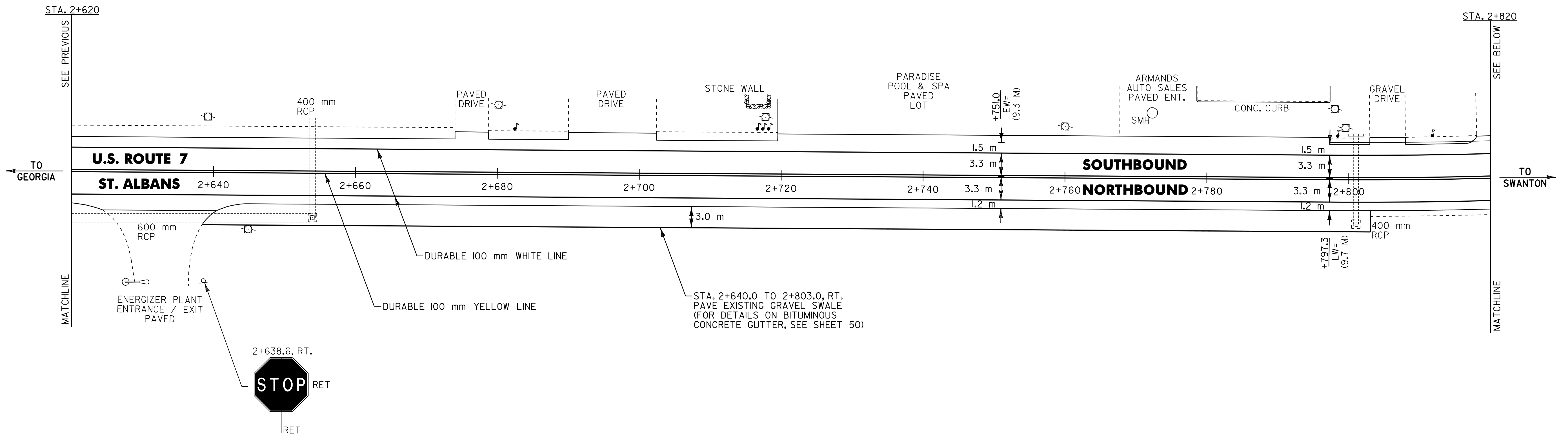


TEMPORARY & DURABLE 100 mm WHITE LINE
STA. 2+620.0 TO 3+020.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+620.0 TO 3+020.0, SOLID LT. & RT.

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 2+640.0 TO 2+803.0, RT.
(FOR DETAIL, SEE SHEET 50)

DITCH CLEANING
STA. 2+875.0 TO 3+020.0, RT. (SITE 4)
(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.

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 EDGE LINE 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 & EDGE LINES)
STA. 3+137.5, SOLID RT. (FRANKLIN PARK
LANE LINES & EDGE LINES)
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+137.5, RT -  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

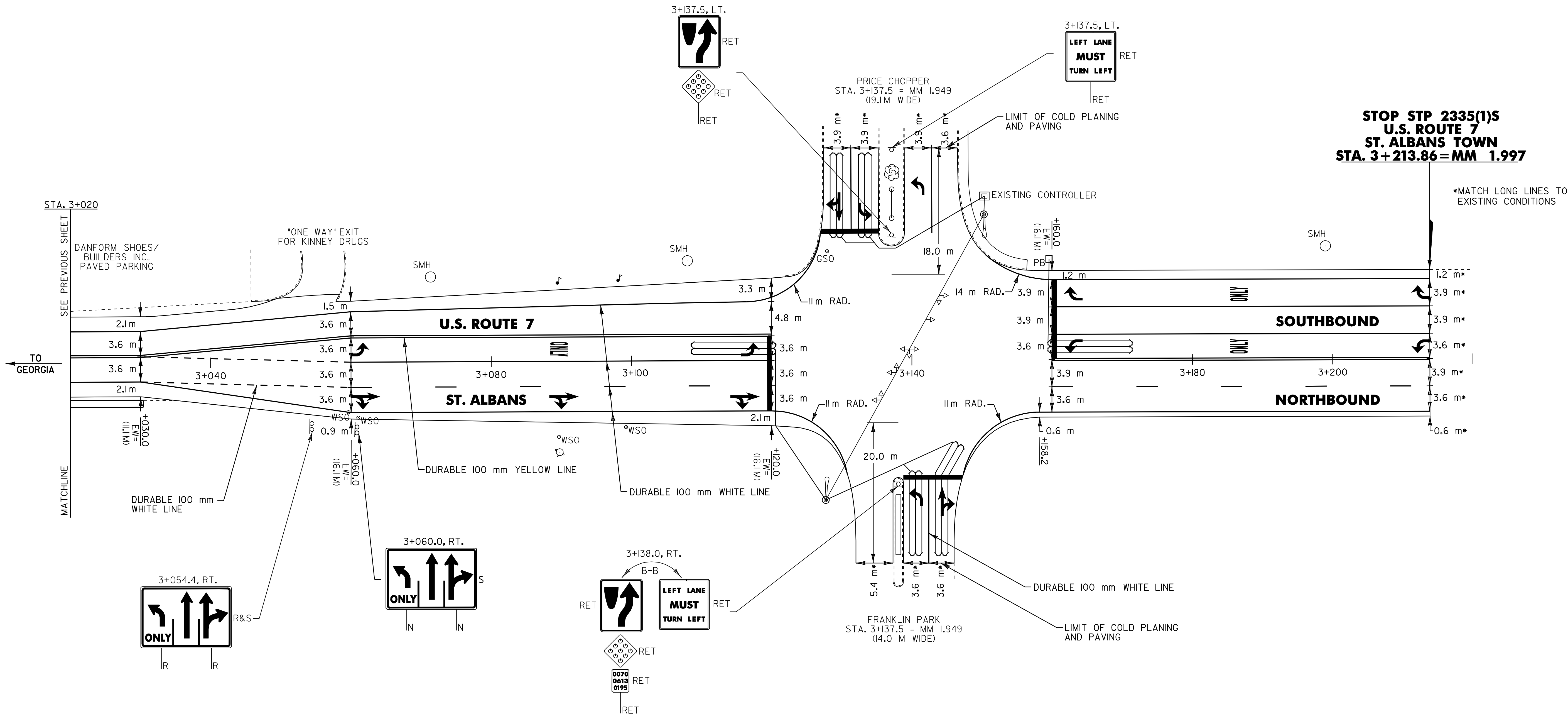
STA. 3+020.0 TO 3+030.4, RT. (SITE 4)
(FOR DETAILS, SEE SHEET 52)

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.

LAYOUT
SHEET #4

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: 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.

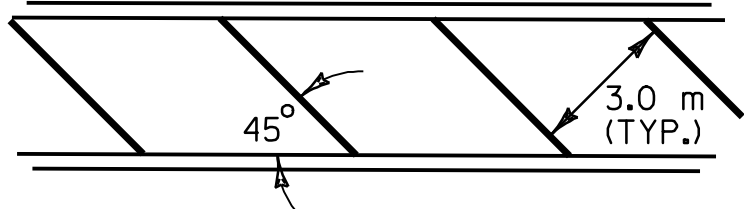
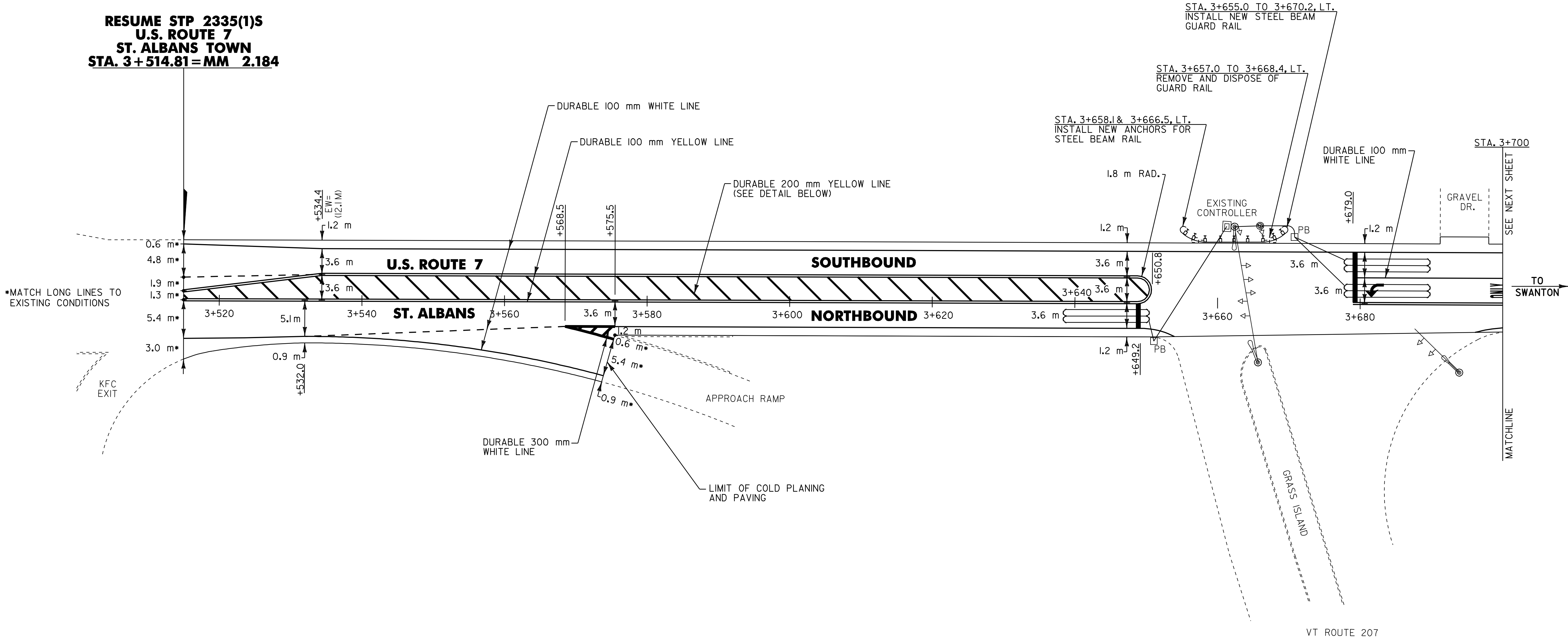
STEEL BEAM GUARD RAIL

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



200 mm YELLOW TRANSVERSE LINE DETAIL
FOR FURTHER DETAILS SEE VTrans STANDARD E-192M

- 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) FOR VEHICLE DETECTOR LOOP DETAILS
SEE SHEET 5I.
- 5) EW = EXISTING ROADWAY WIDTH.

*MATCH EXISTING CONDITIONS

LAYOUT
SHEET #5

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: p01c016i05.1

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 61 OF 89

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.

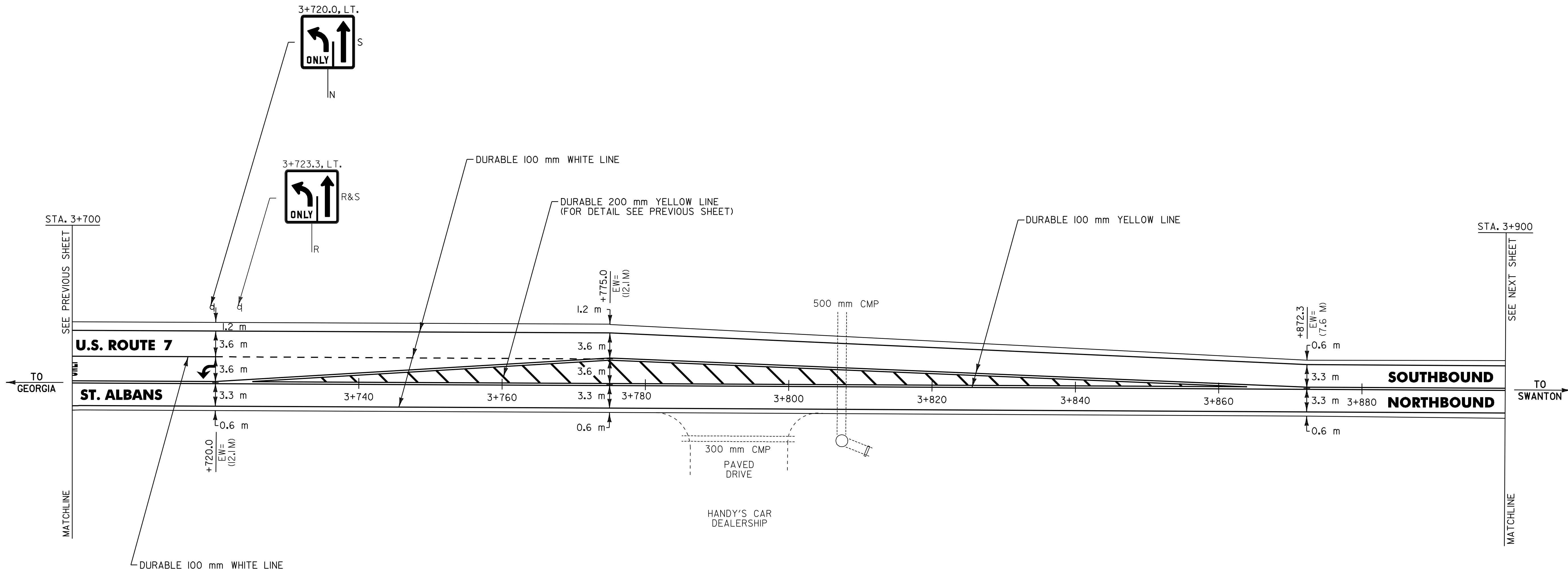
TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 3+700.0 TO 3+720.0, SOLID LT. & RT.
STA. 3+720.0 TO 3+872.3, DOUBLE SOLID LT. & RT.
STA. 3+872.3 TO 3+900.0, SOLID LT. & RT.

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: p01c016106.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

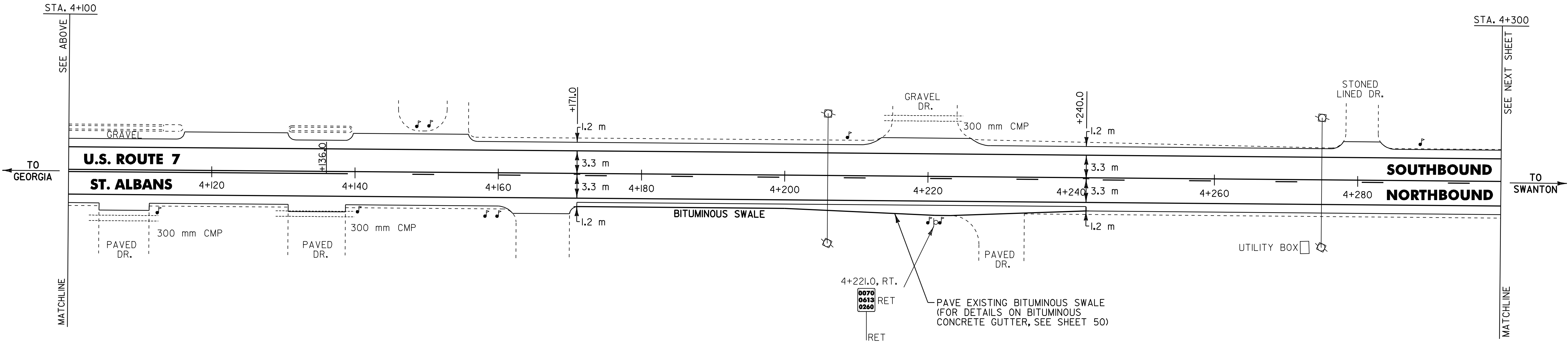
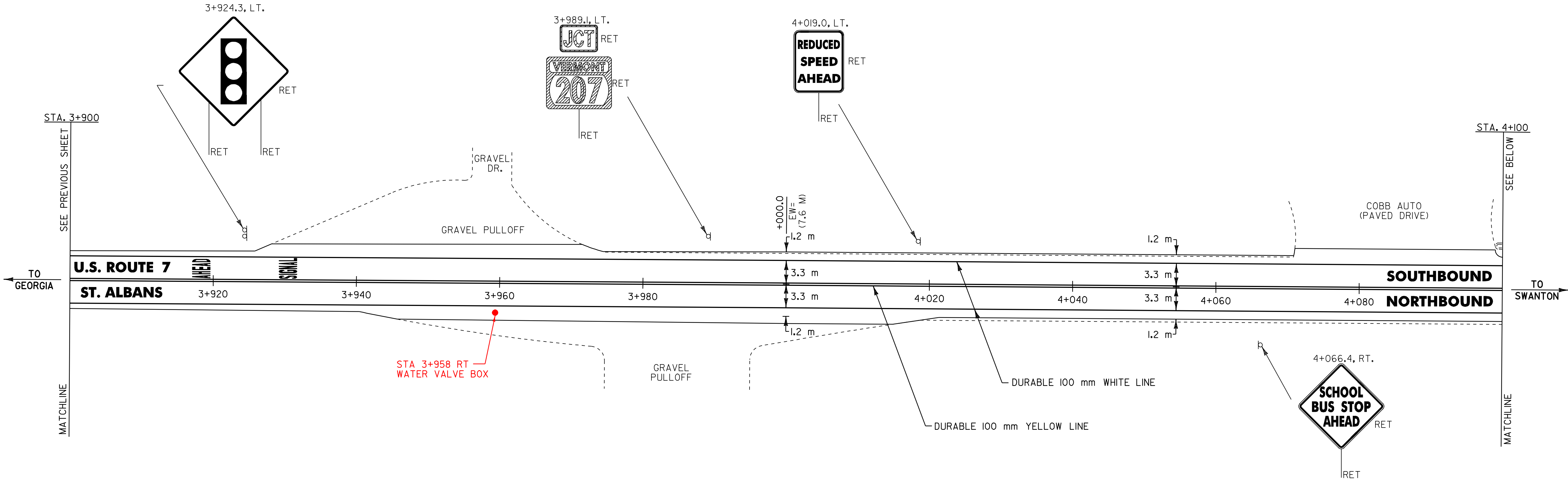
STA. 3+918.3, LT - AHEAD

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)

Metric



- 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.

DH
Dufresne-Henry

LAYOUT
SHEET #7

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: p01c016107.1
PLOT DATE: 16-SEP-2005 13:24
DRAWN BY: D-H
CHECKED 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 EDGE LINE 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**

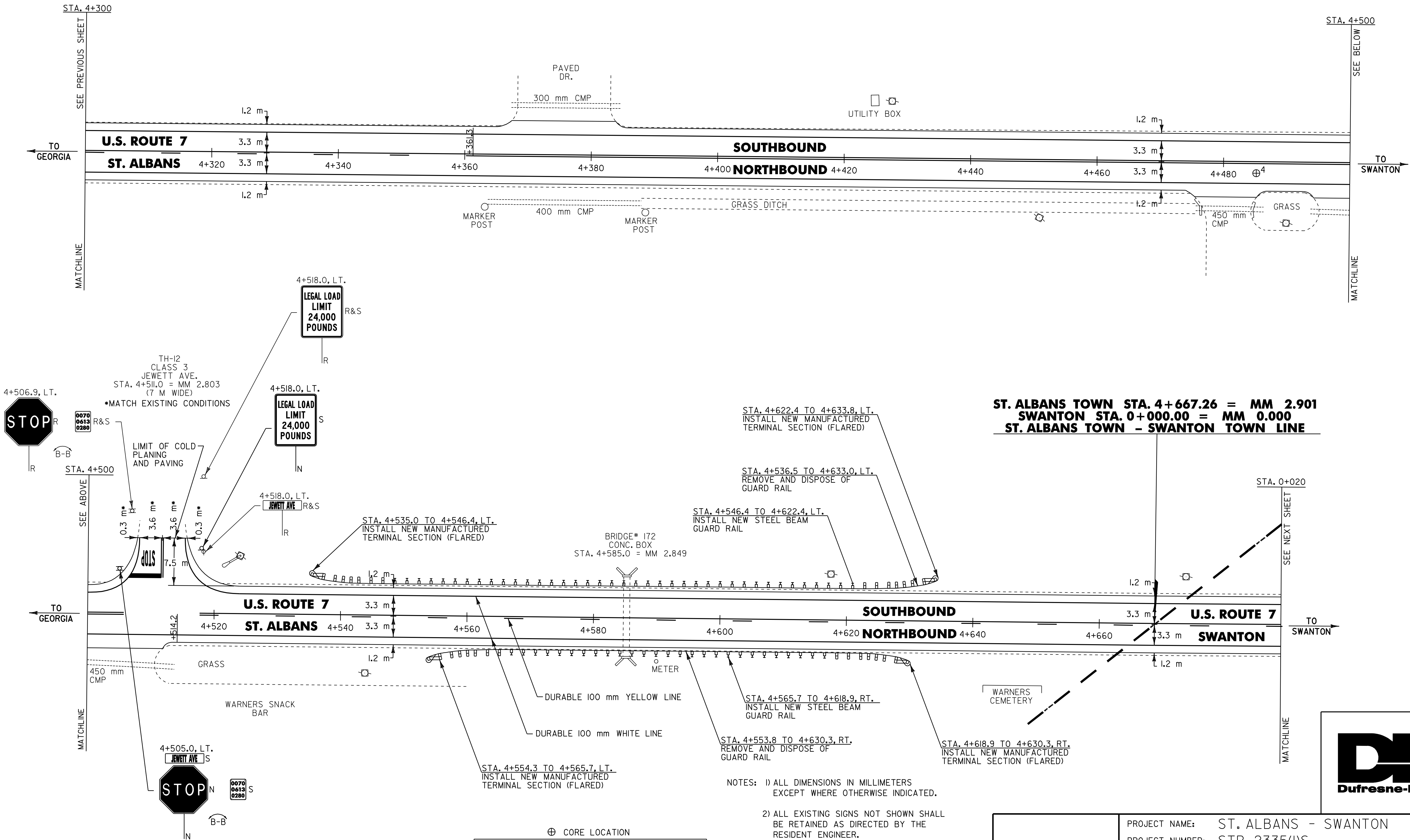
ERECTING SALVAGED SIGNS
 AS SHOWN - 3

REMOVING SIGNS
 AS SHOWN - 4

REMOVAL AND DISPOSAL OF GUARD RAIL
 STA. 4+536.5 TO 4+633.0, LT.
 STA. 4+553.8 TO 4+630.3, 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

⊕ CORE LOCATION

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

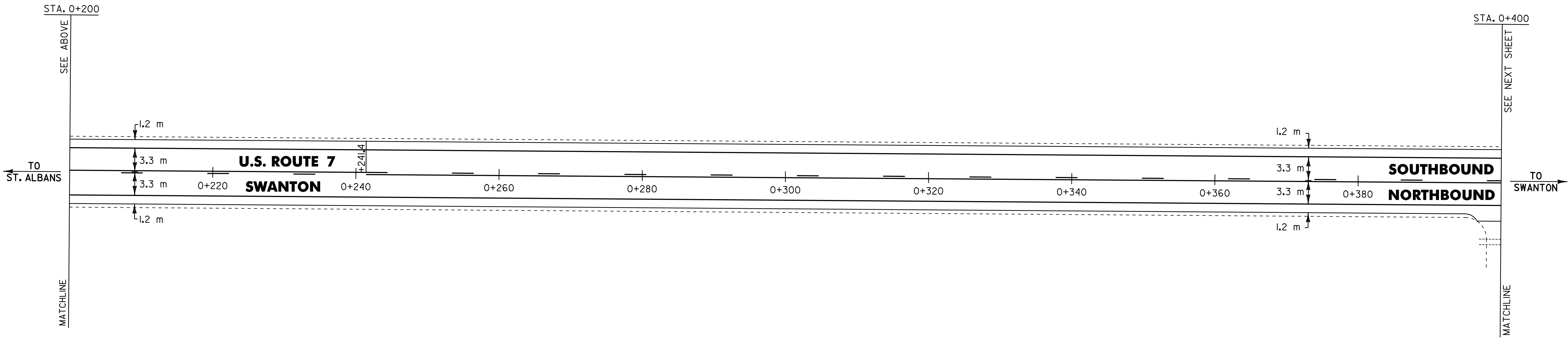
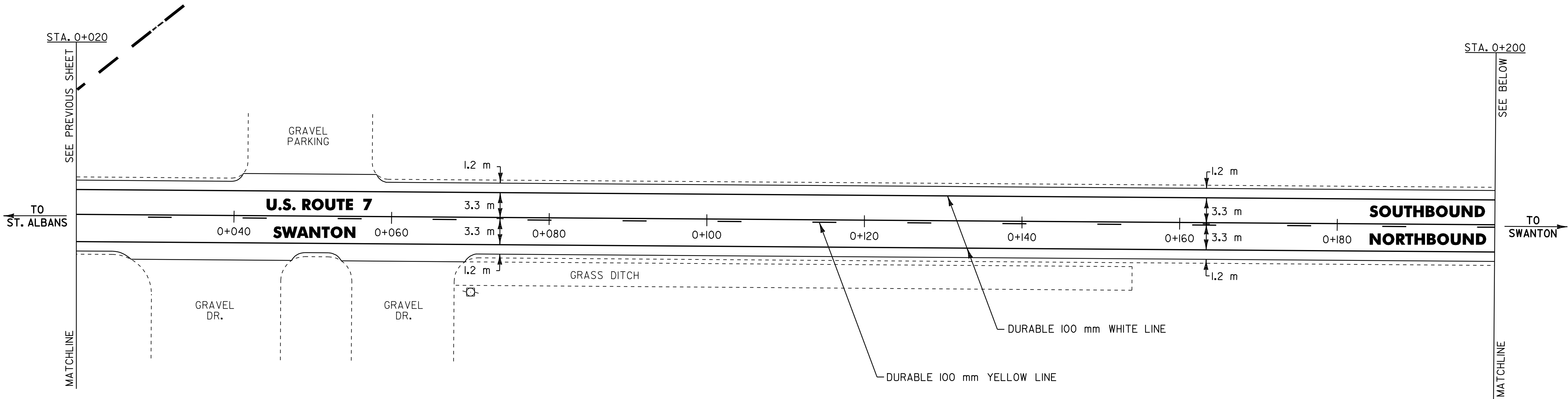
- NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
- 2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
- 3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTRANS STANDARDS E-121M & E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

LAYOUT SHEET #8	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: p01c016i08.1	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.



LAYOUT
SHEET #9

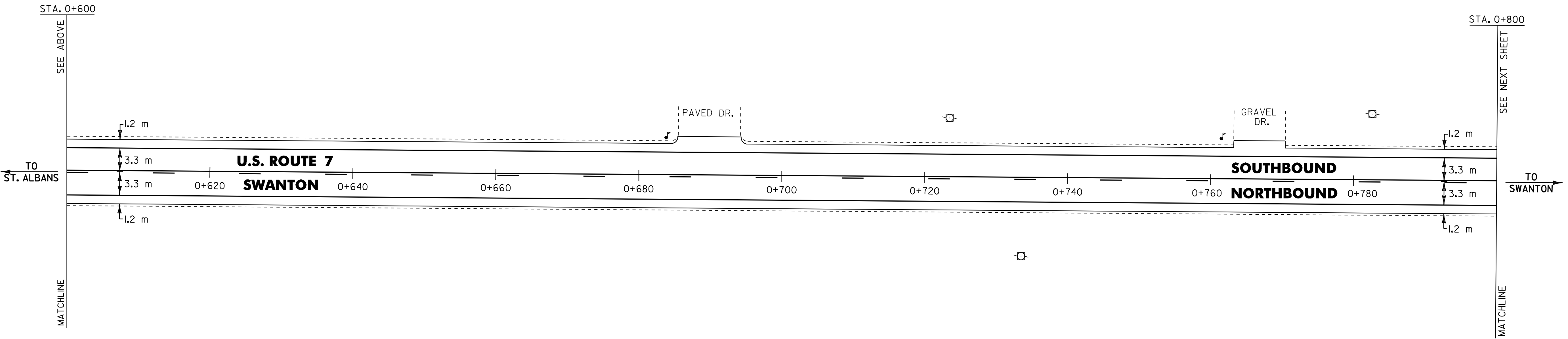
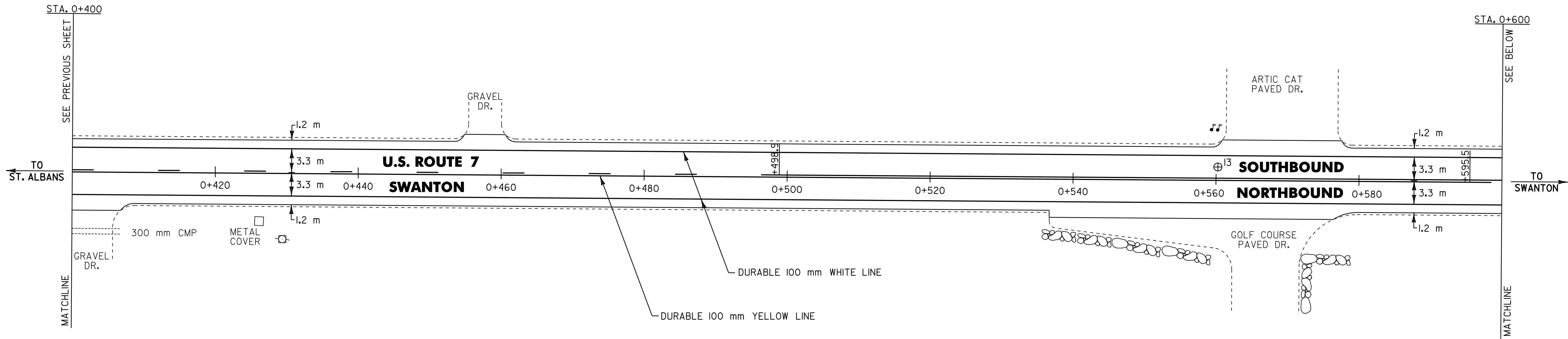
PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: p01c016109.I

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 65 OF 89

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: p01c016110.1

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 I+200.0, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR MOUNTAIN VIEW DR.
& COUNTRY CLUB RD.)
STA. 0+961.8, DOUBLE SOLID LT. (MOUNTAIN VIEW DR. EDGELINES)
STA. I+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 I+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. I+026.9, DOUBLE SOLID RT. (COUNTRY CLUB RD. CENTERLINE)

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

TEMPORARY & DURABLE LETTER OR SYMBOL

STA. 0+961.8, LT. - **STOP**
STA. I+026.9, RT. - **STOP**

LEGAL LOAD
LIMIT
24,000
POUNDS

LEGAL LOAD
LIMIT
24,000
POUNDS

DITCH CLEANING

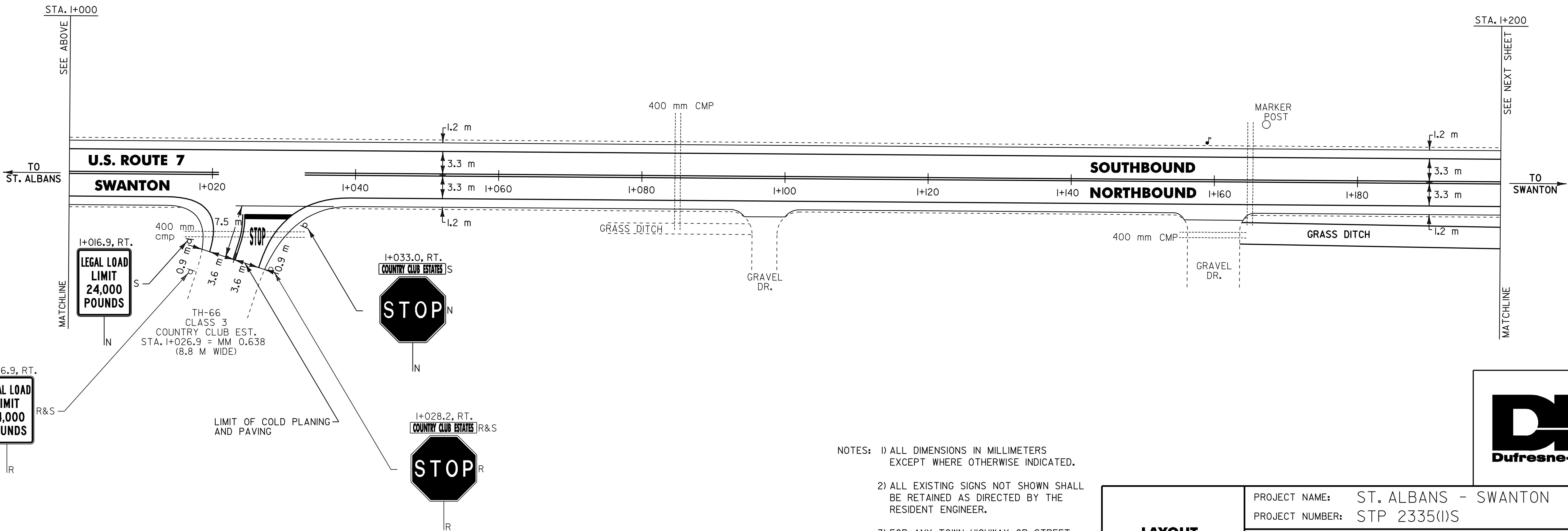
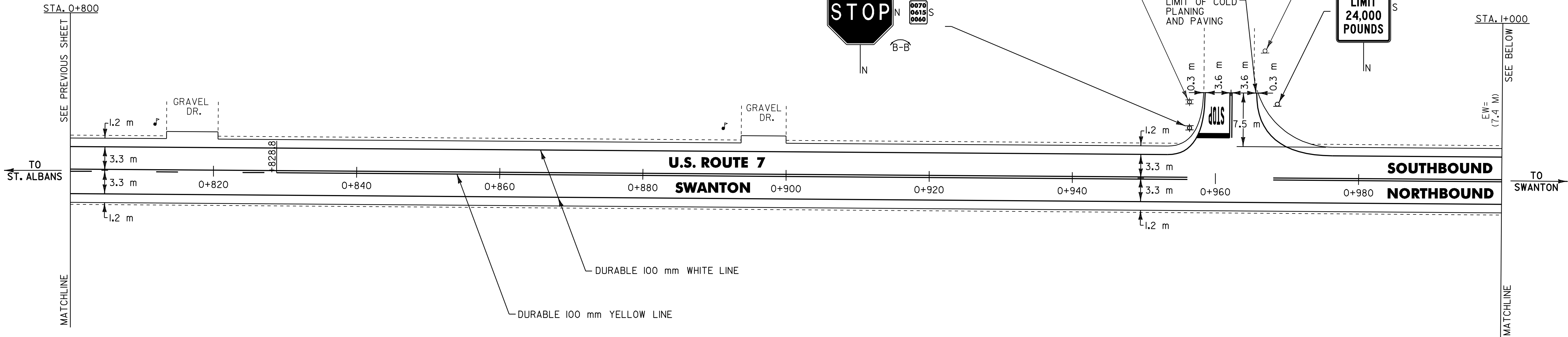
STA. I+163.5 TO I+200.0, RT. (SITE 5)
(FOR DETAILS, SEE SHEET 52)

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-12IM
& E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

LAYOUT
SHEET #11

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: p01c016III.1

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

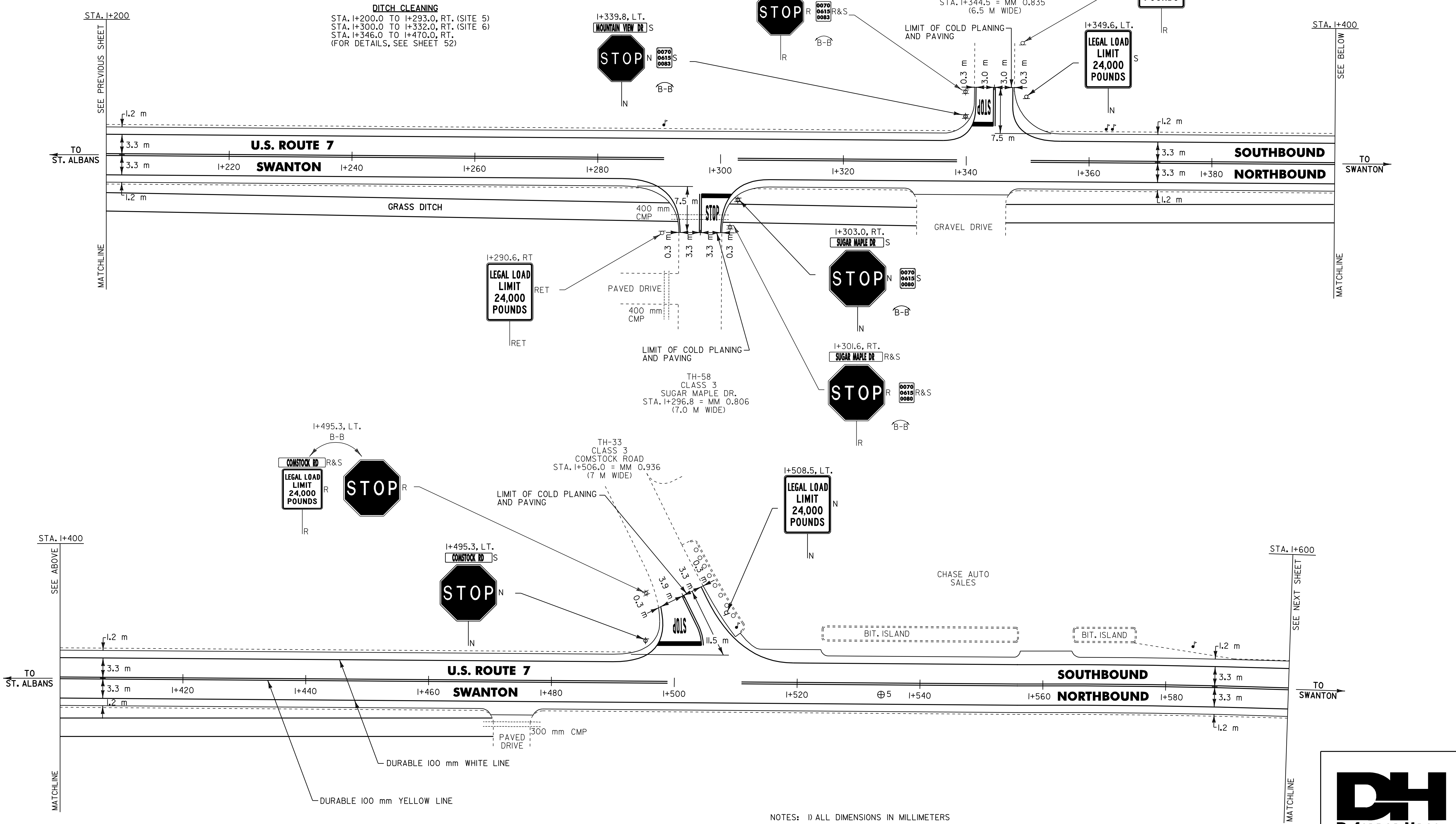
STA. I+296.8, RT. -
STA. I+344.5, LT. -
STA. I+506.0, LT. -

ERECTING SALVAGED SIGNS

AS SHOWN - 6

REMOVING SIGNS

AS SHOWN - 10



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

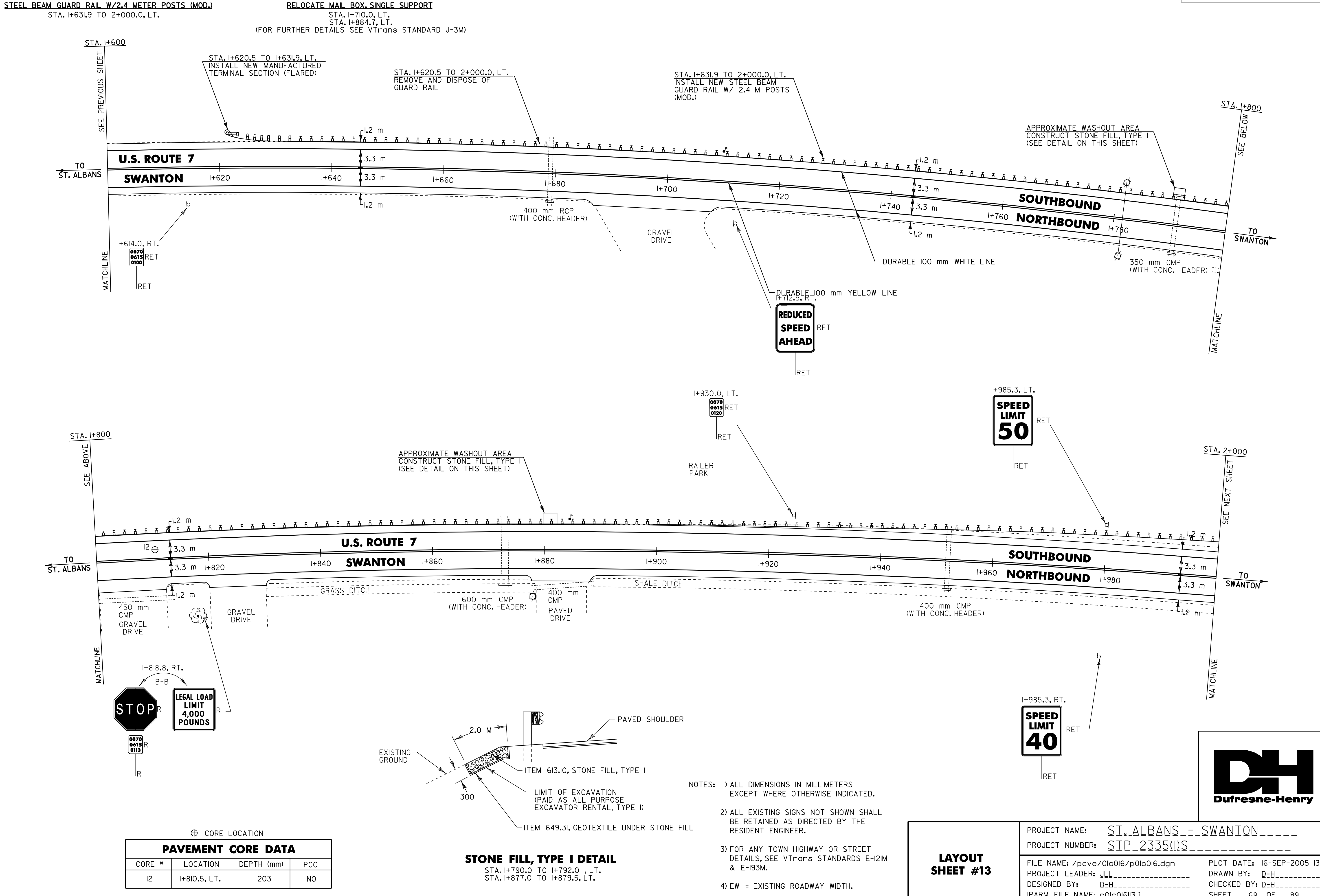
PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
5	I+533.7, RT.	114	NO

LAYOUT
SHEET #12

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: p01c016i12.1

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 68 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.

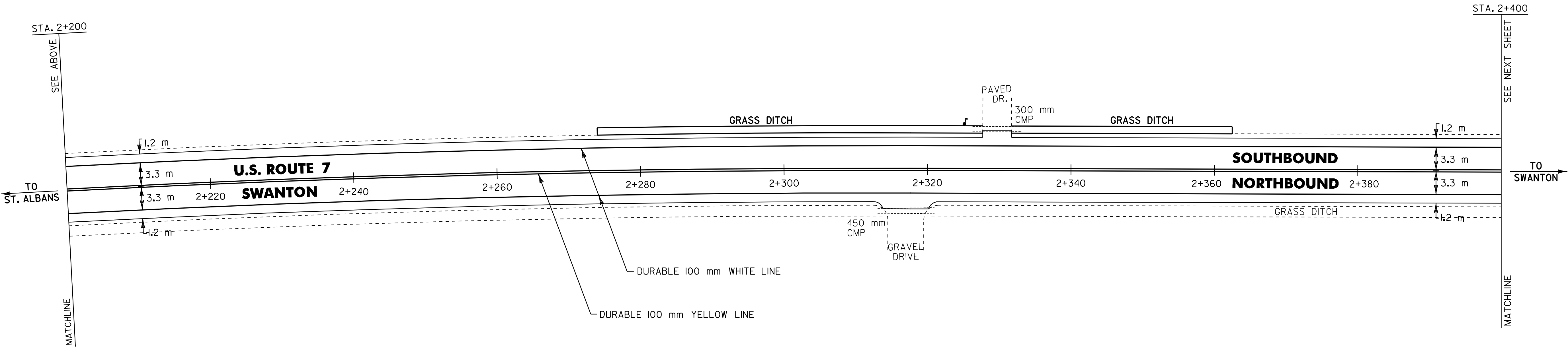
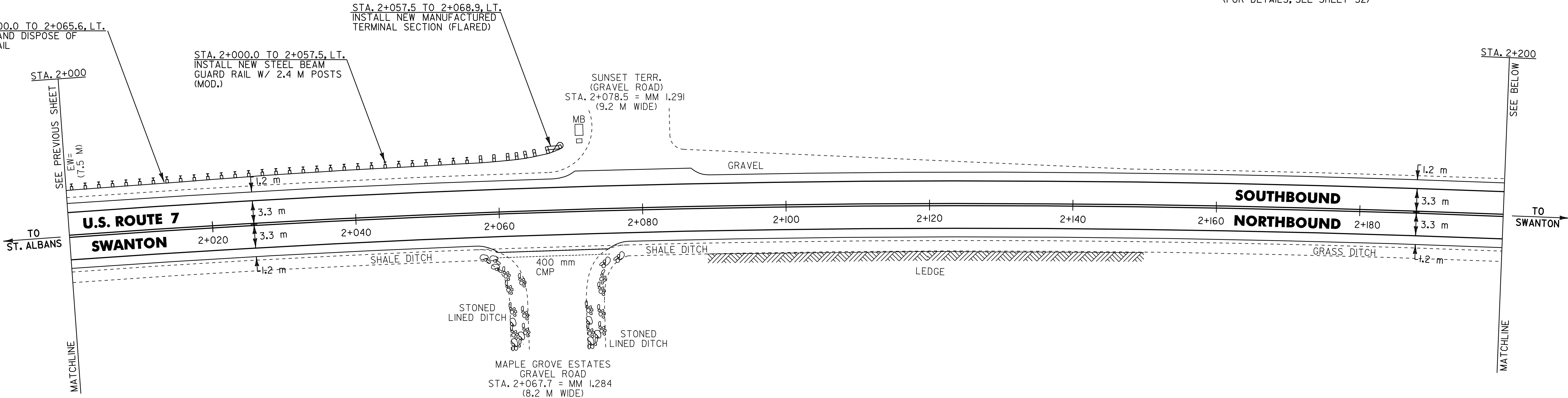
REMOVAL AND DISPOSAL OF GUARD RAIL
STA. 2+000.0 TO 2+065.6, LT.

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.

LAYOUT SHEET #14	PROJECT NAME: ST. ALBANS - SWANTON	
	PROJECT NUMBER: STP 2335(I)S	
	FILE NAME: /pave/0lc016/p0lc016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT LEADER: JLL	DRAWN BY: D-H
	DESIGNED BY: D-H	CHECKED BY: D-H
	IPARM FILE NAME: p0lc016114.1	SHEET 70 OF 89



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

STA. 2+400.0 TO 2+800.0, SOLID LT. & RT.
(WITH EDGE LINE 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)

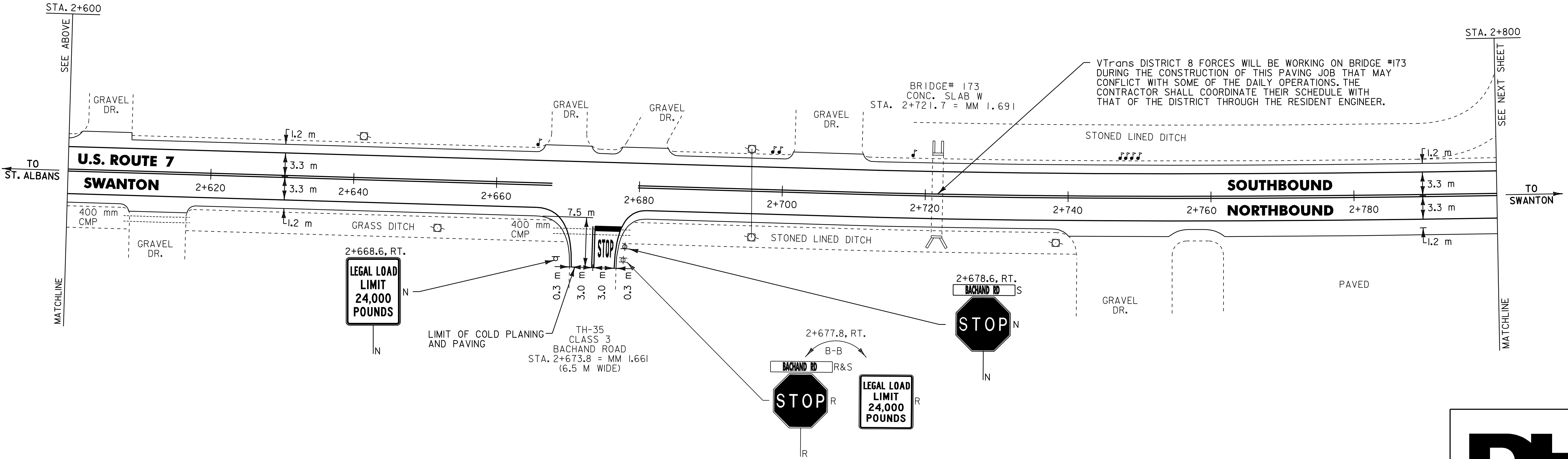
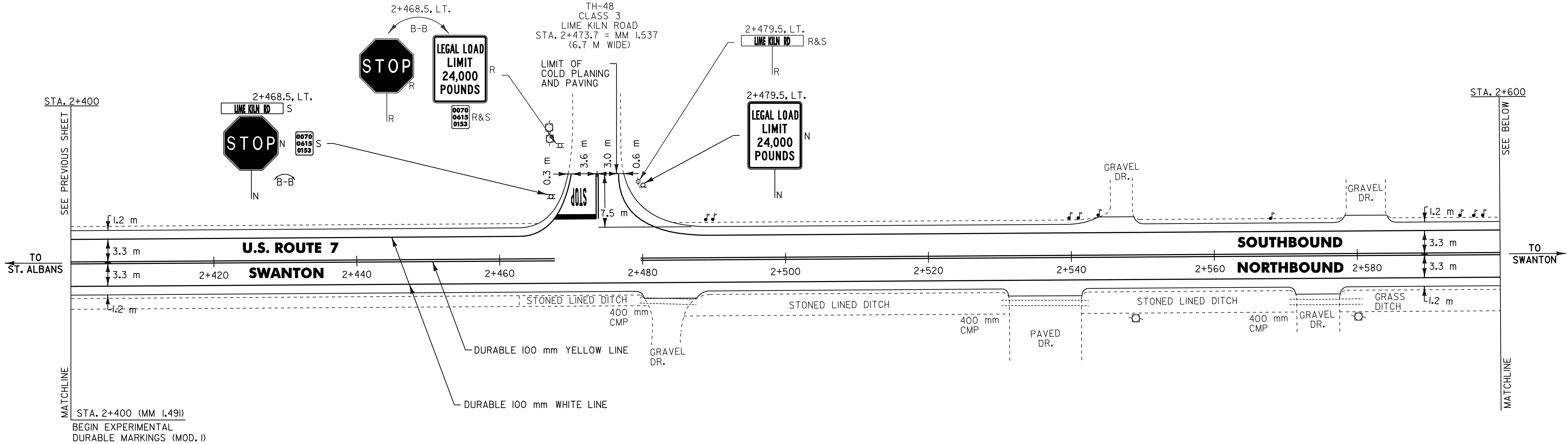
STA. 2+473.7, LT. -
STA. 2+673.8, RT. -

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-121M
& E-193M.

4) EW = EXISTING ROADWAY WIDTH.

LAYOUT
SHEET #15

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: p01c016115.1

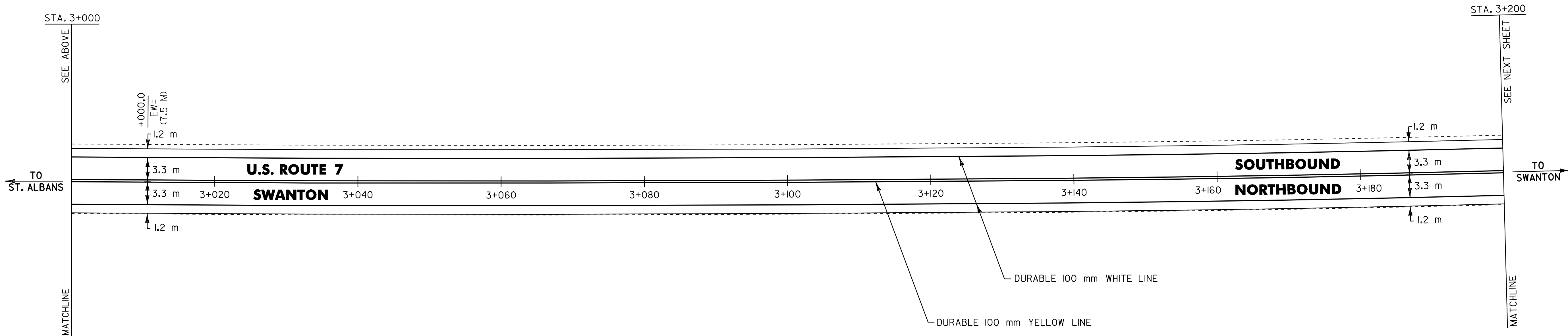
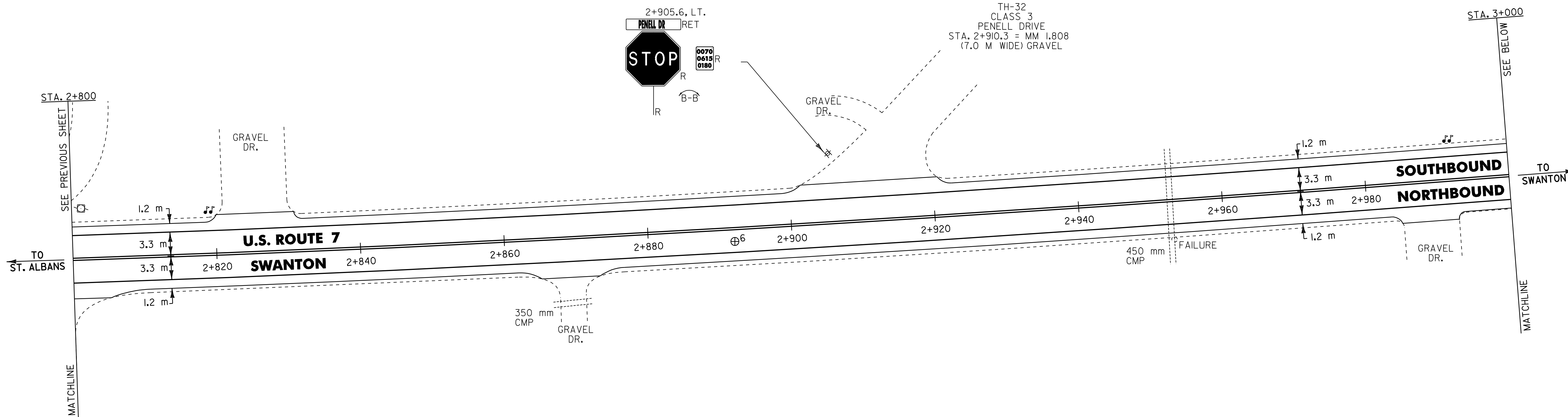
PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 71 OF 89



TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.)
STA. 2+800.0 TO 3+200.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.)
STA. 2+800.0 TO 3+200.0, SOLID LT. & RT.

REMOVING SIGNS
AS SHOWN - 2



⊕ 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.

LAYOUT
SHEET #16

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

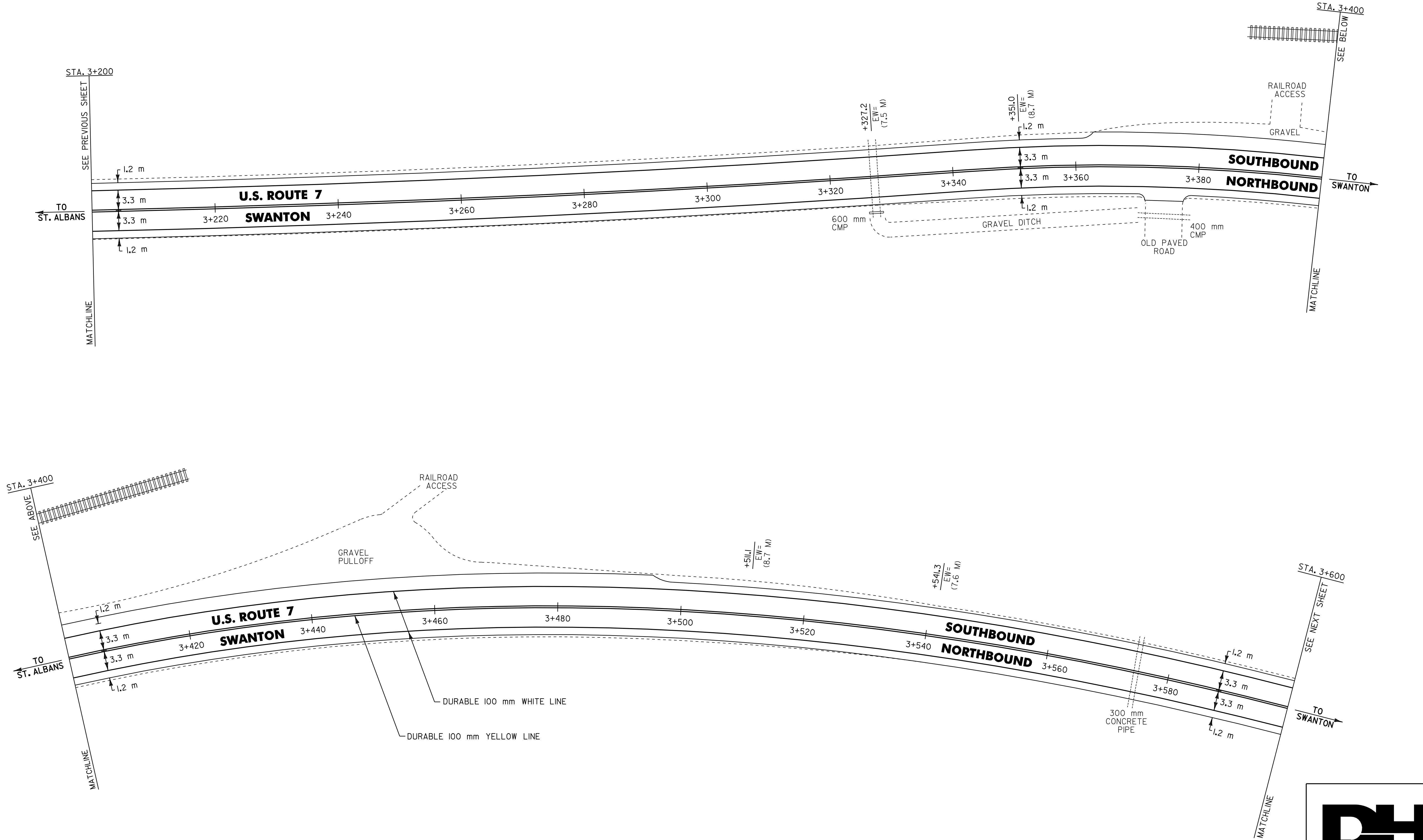
DESIGNED BY: D-H

CHECKED BY: D-H

IPARM FILE NAME: p01c016116.i

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

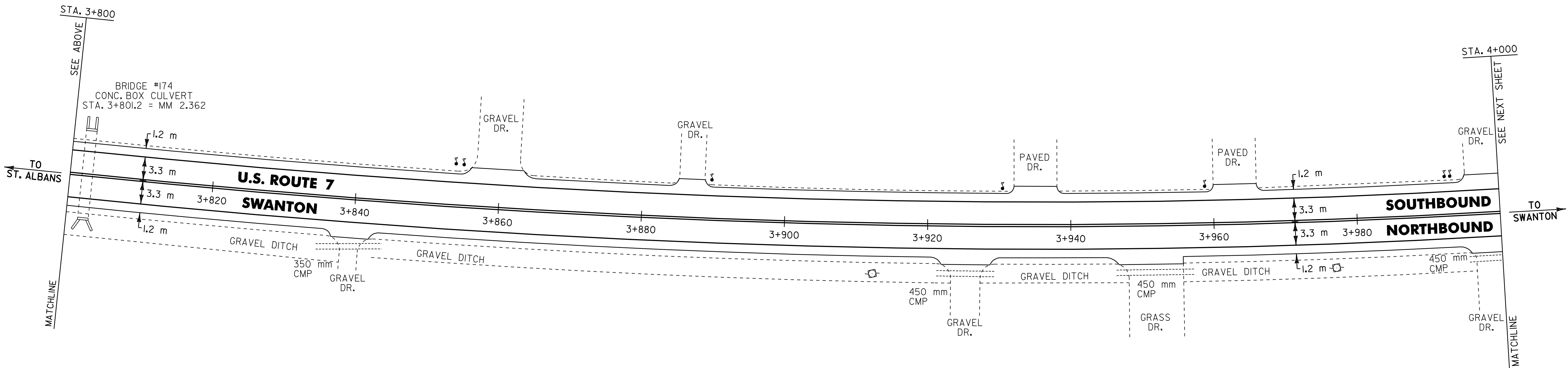
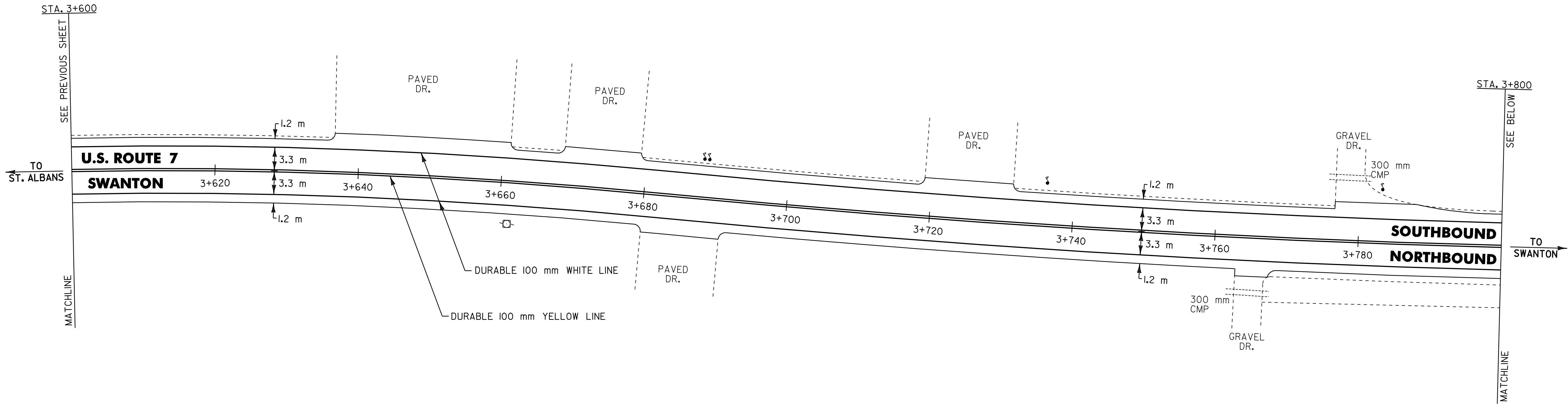
DRAWN BY: D-H

CHECKED BY: D-H

SHEET 73 OF 89

DH

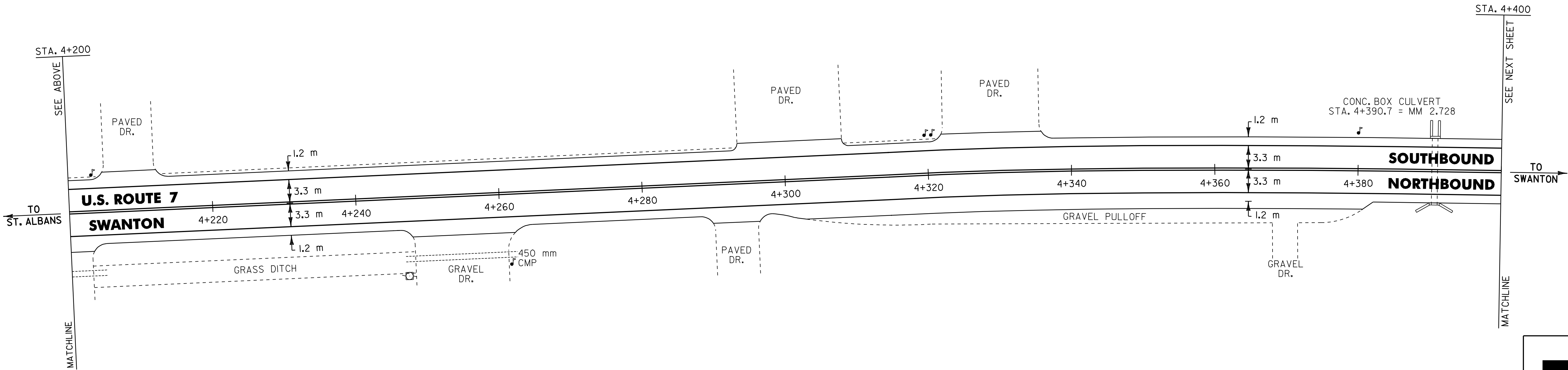
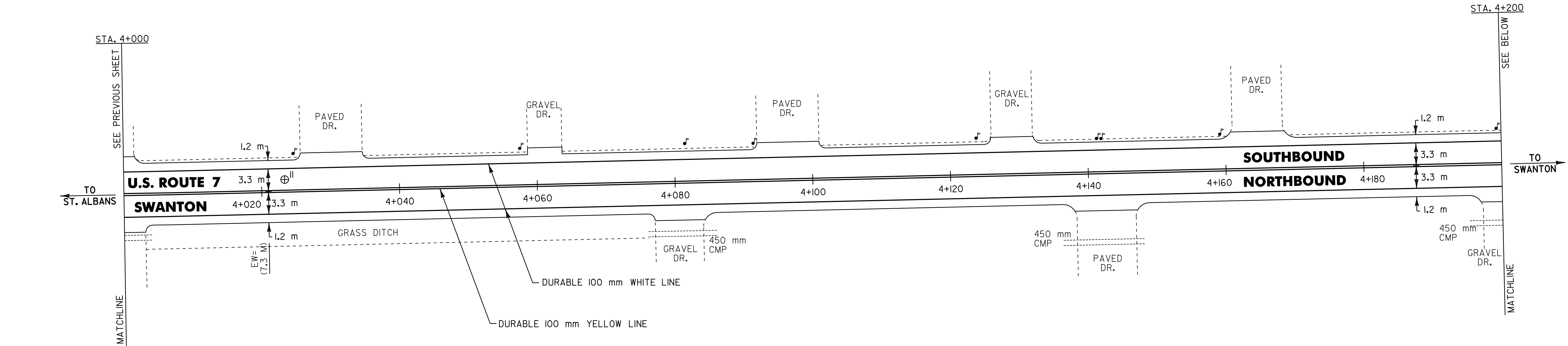
Dufresne-Henry



- 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.

TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)
STA. 4+000.0 TO 4+400.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)
STA. 4+000.0 TO 4+400.0, 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 STANDARDS E-121M
& E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

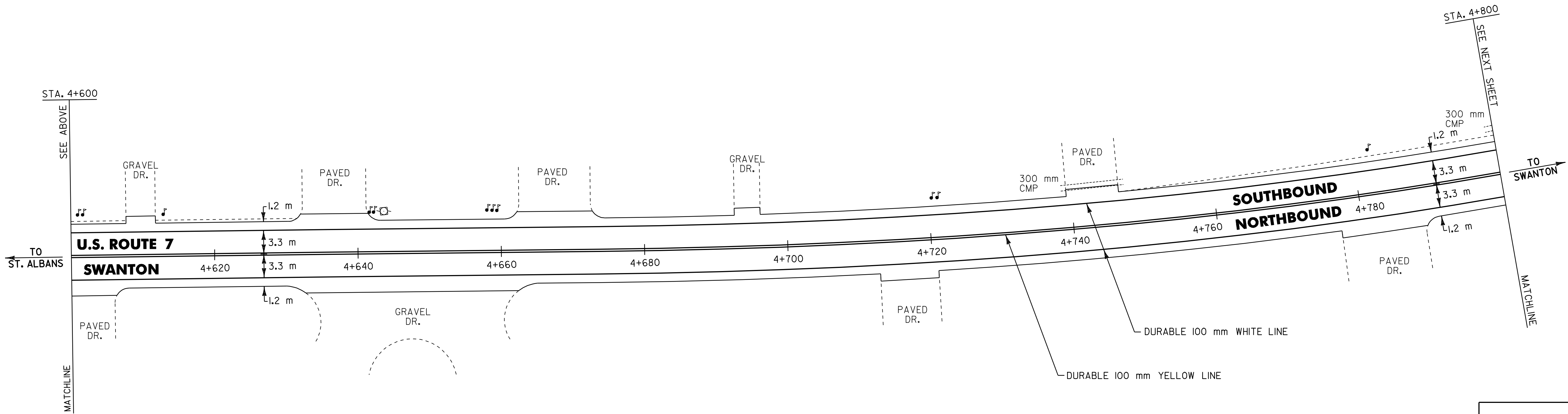
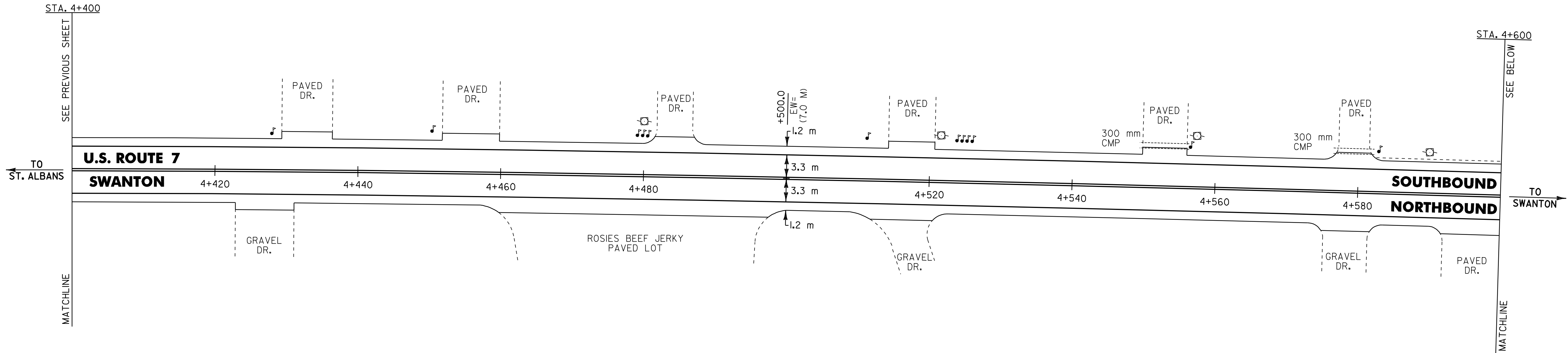
⊕ CORE LOCATION			
PAVEMENT CORE DATA			
CORE #	LOCATION	DEPTH (mm)	PCC
II	4+023.4, LT.	191	NO

LAYOUT SHEET #19	PROJECT NAME: ST. ALBANS - SWANTON	
	PROJECT NUMBER: STP 2335(I)S	
	FILE NAME: /pave/01c016/p01c016.dgn	PLOT DATE: 16-SEP-2005
	PROJECT LEADER: JLL	DRAWN BY: D-H
DESIGNED BY: D-H		CHECKED BY: D-H
IPARM FILE NAME: p01c016I19.1		SHEET 75 OF 89



TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.I)
STA. 4+400.0 TO 4+800.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.I)
STA. 4+400.0 TO 4+800.0, 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 STANDARDS E-121M
& E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.



LAYOUT
SHEET #20

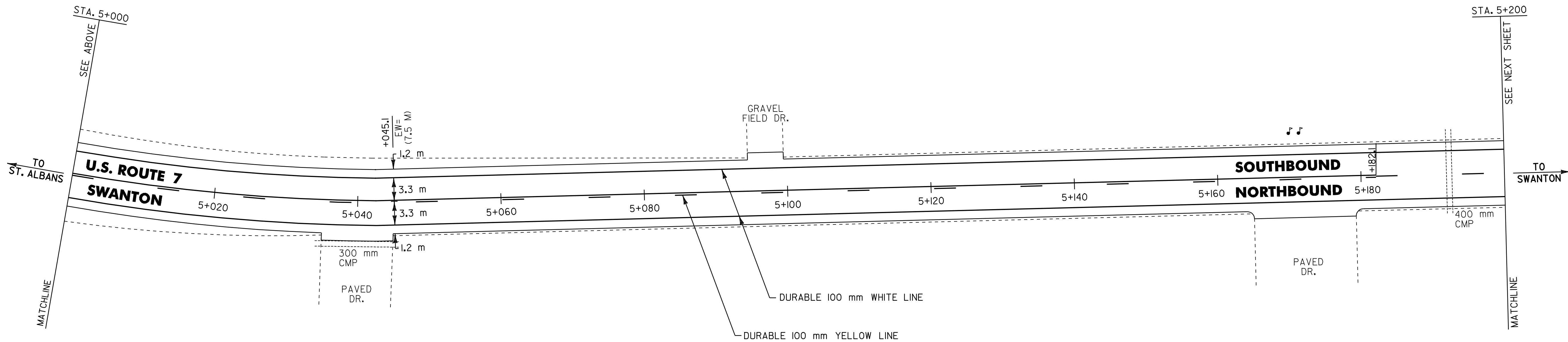
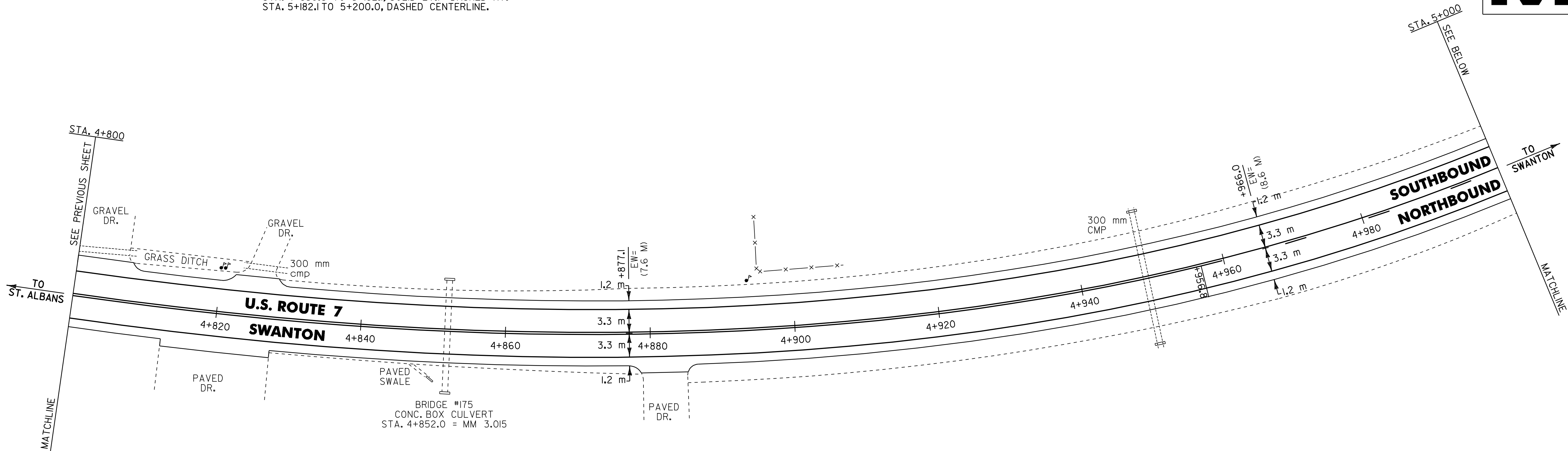
PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: p01c016I20.I

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

TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.1)
STA. 4+800.0 TO 5+200.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.1)
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.

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

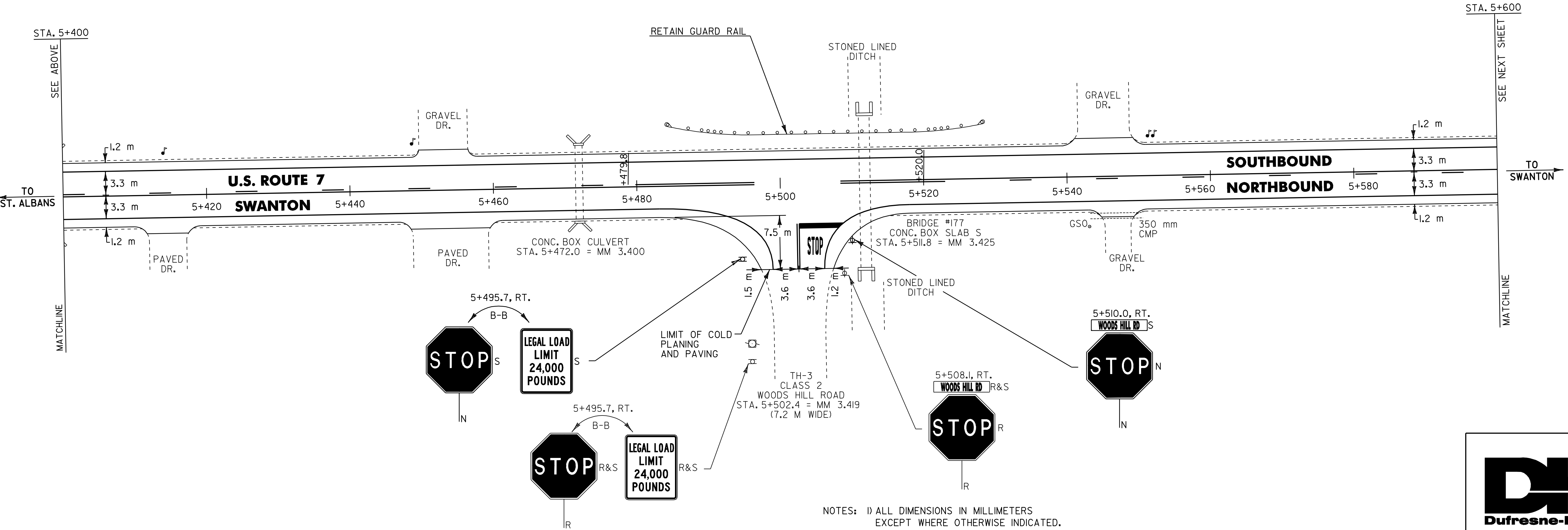
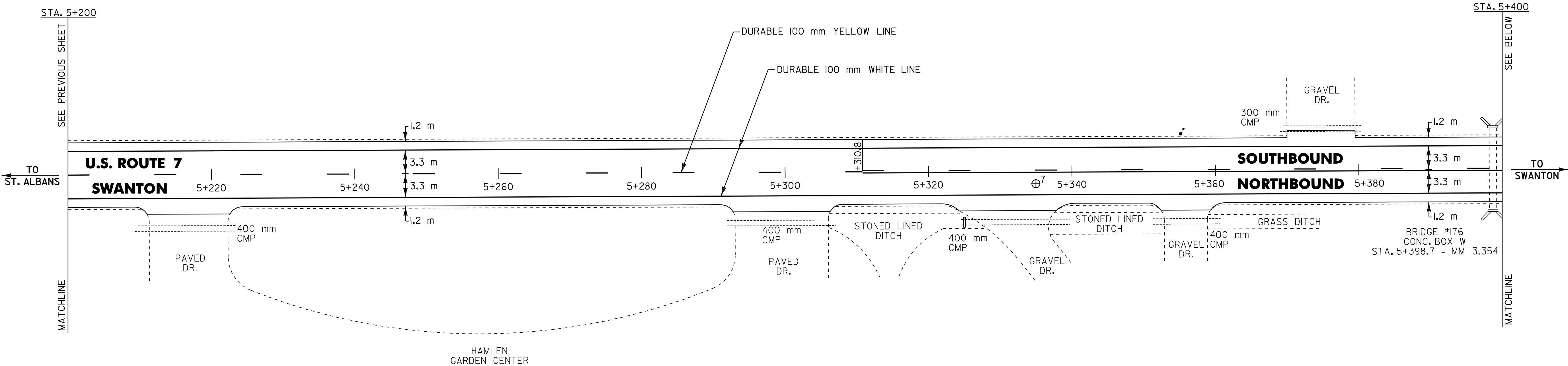
TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.I)
STA. 5+200.0 TO 5+310.8, DASHED CENTERLINE
STA. 5+310.8 TO 5+479.8, DASHED LT./ SOLID RT.
STA. 5+479.8 TO 5+520.0, SOLID LT. & RT.
STA. 5+502.4, DOUBLE SOLID RT. (WOODS HILL RD. CENTERLINE)
STA. 5+520.0 TO 5+600.0, SOLID LT./ DASHED RT.

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

TEMPORARY & DURABLE LETTER OR SYMBOL (MOD.I)
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-121M
& 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: p01c016122.1

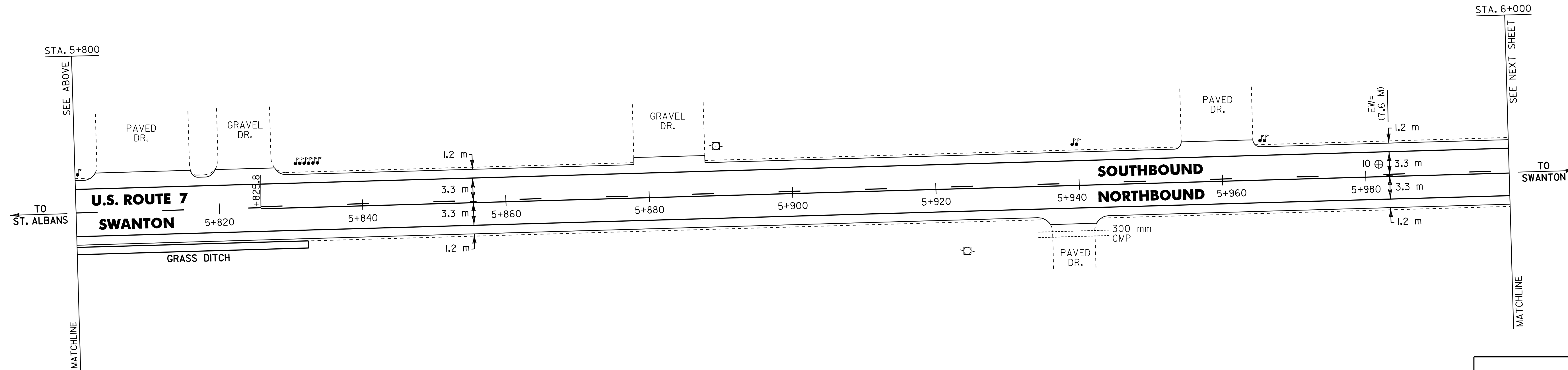
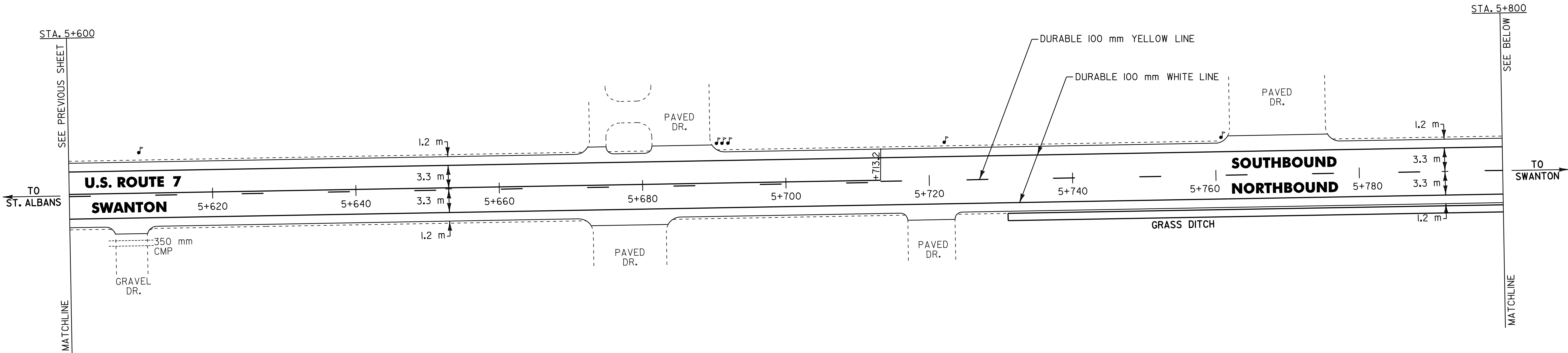
PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 78 OF 89



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

LAYOUT SHEET #23	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: p01c016I23.i		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)

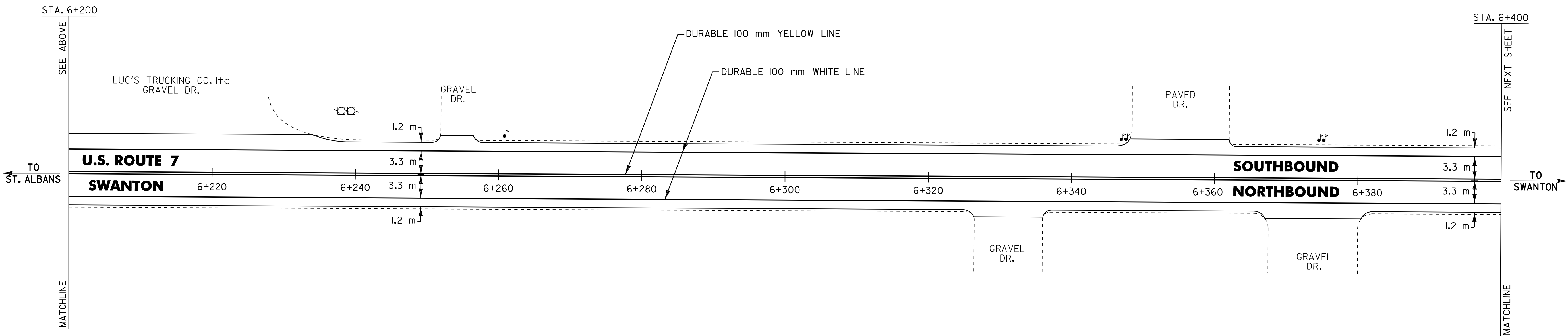
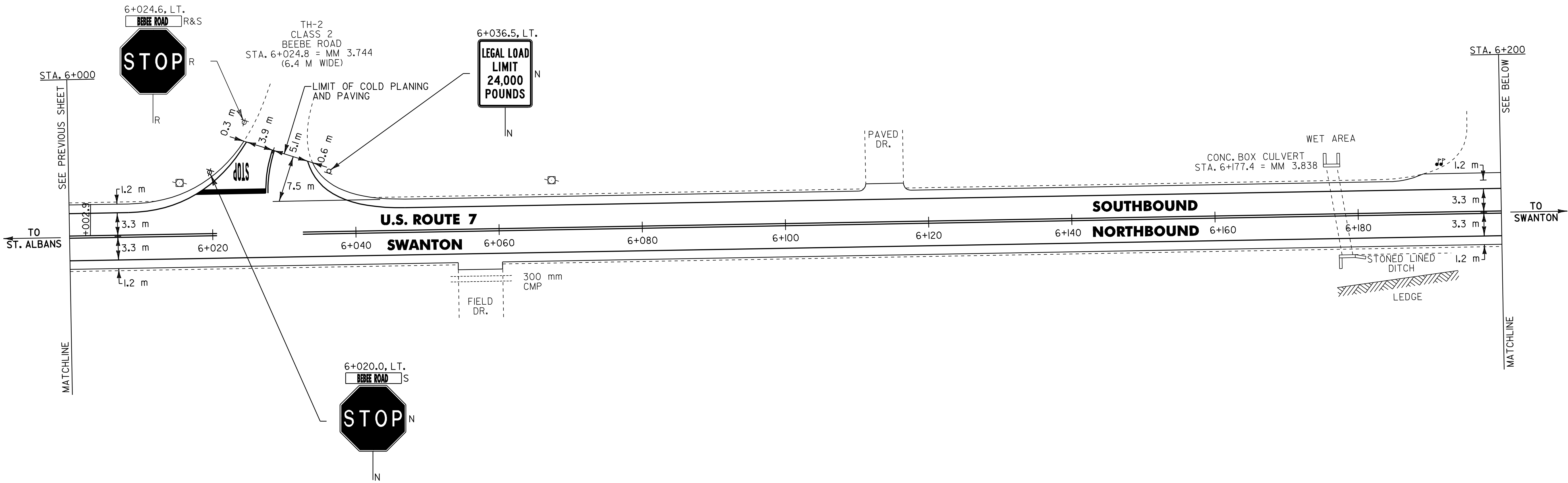
TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)
STA. 6+000.0 TO 6+002.9, DASHED LT./ SOLID RT.
STA. 6+002.9 TO 6+400.0, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR BEEBE RD.)
STA. 6+024.8, DOUBLE SOLID LT. (BEEBE RD. CENTERLINE)

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.



LAYOUT
SHEET #24

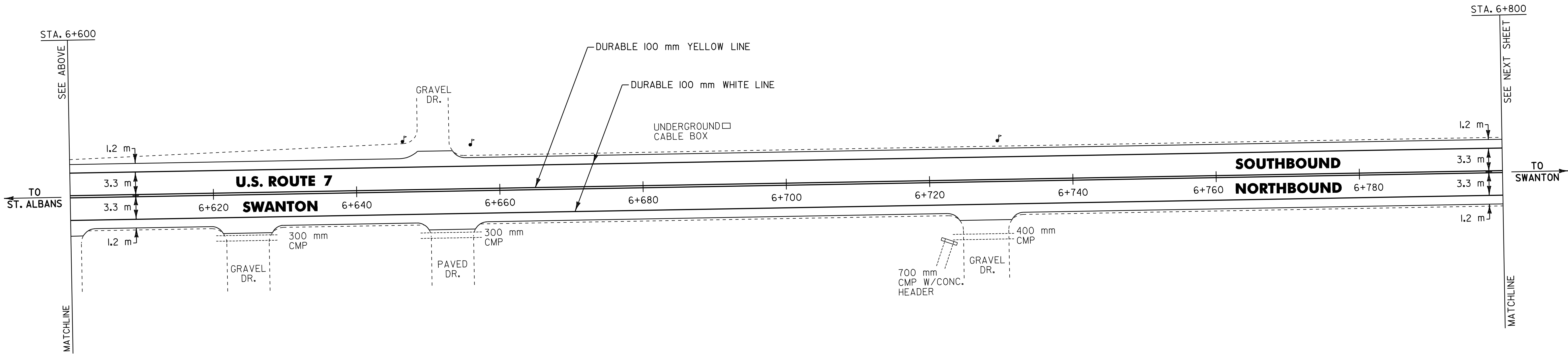
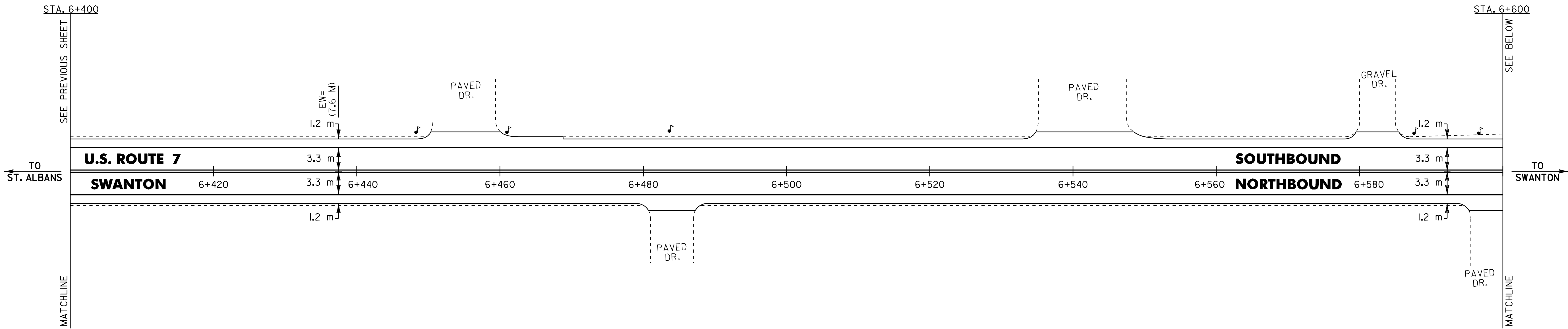
PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: STP 2335(I)S

FILE NAME: /pave/01c016/p01c016.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: p01c016124.1

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 80 OF 89

TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.1)
STA. 6+400.0 TO 6+800.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.1)
STA. 6+400.0 TO 6+800.0, 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 STANDARDS E-121M
& E-193M.
- 4) EW = EXISTING ROADWAY WIDTH.

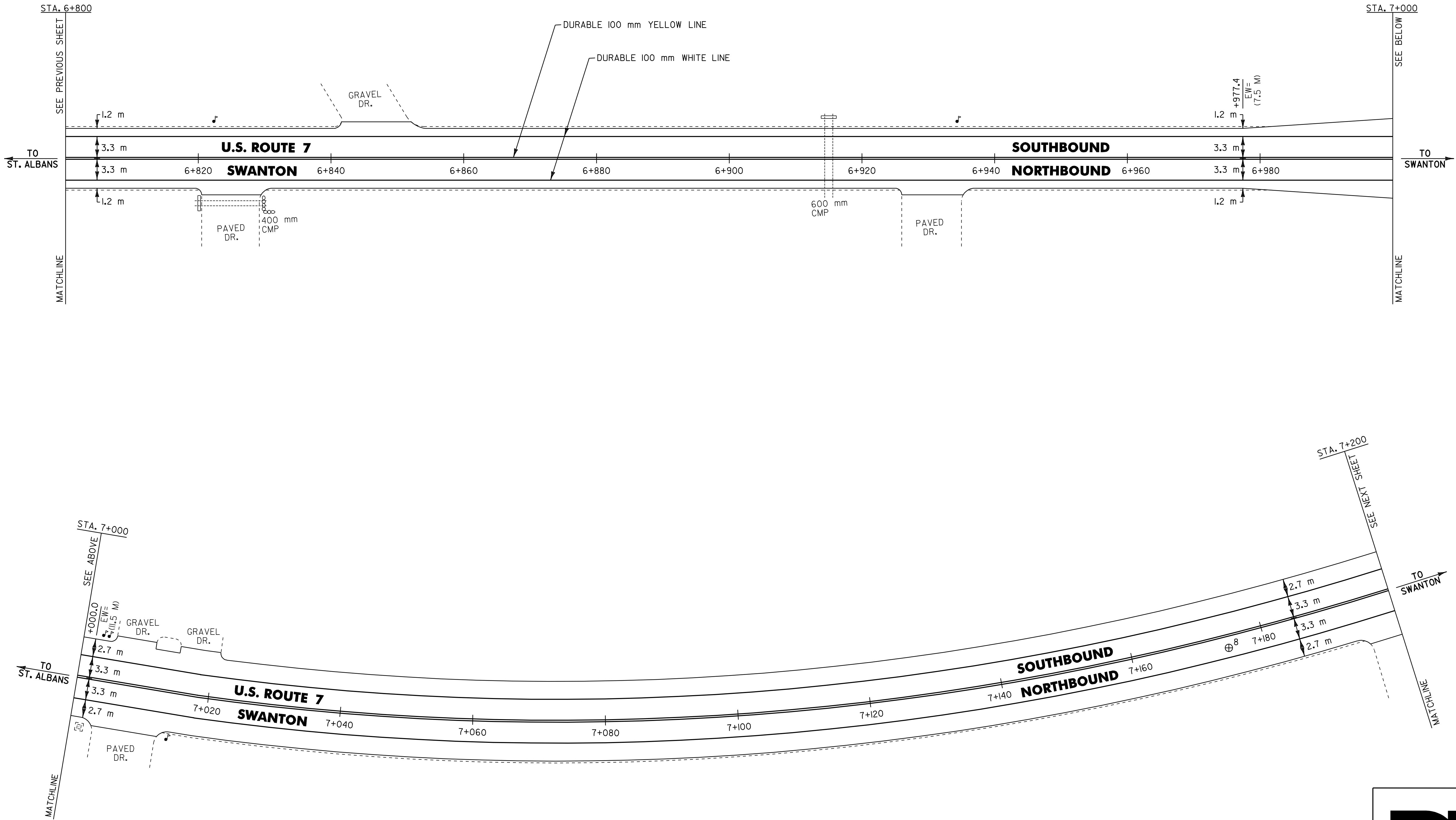


LAYOUT
SHEET #25

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: p01c016125.i

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 81 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
8	7+174.5, RT.	165	NO

LAYOUT
SHEET #26

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

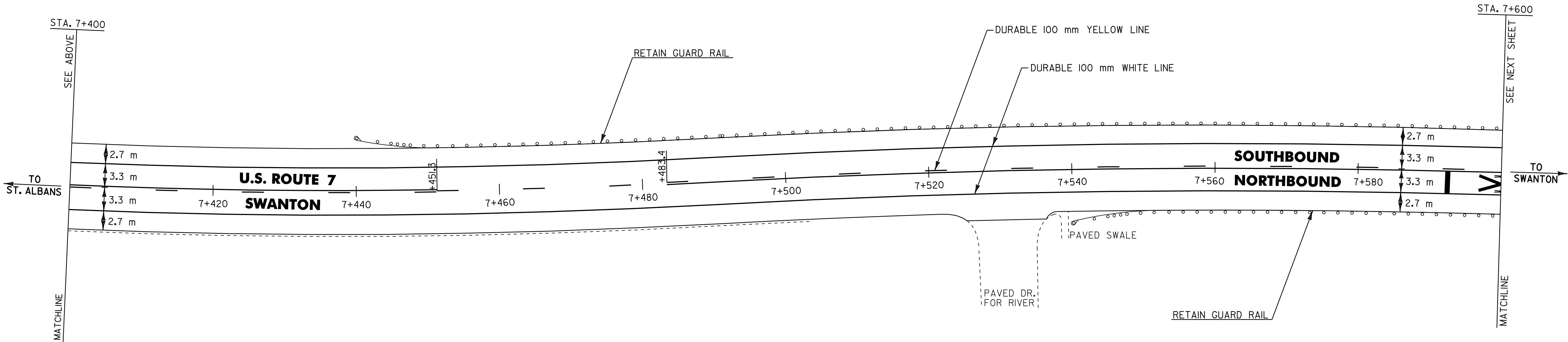
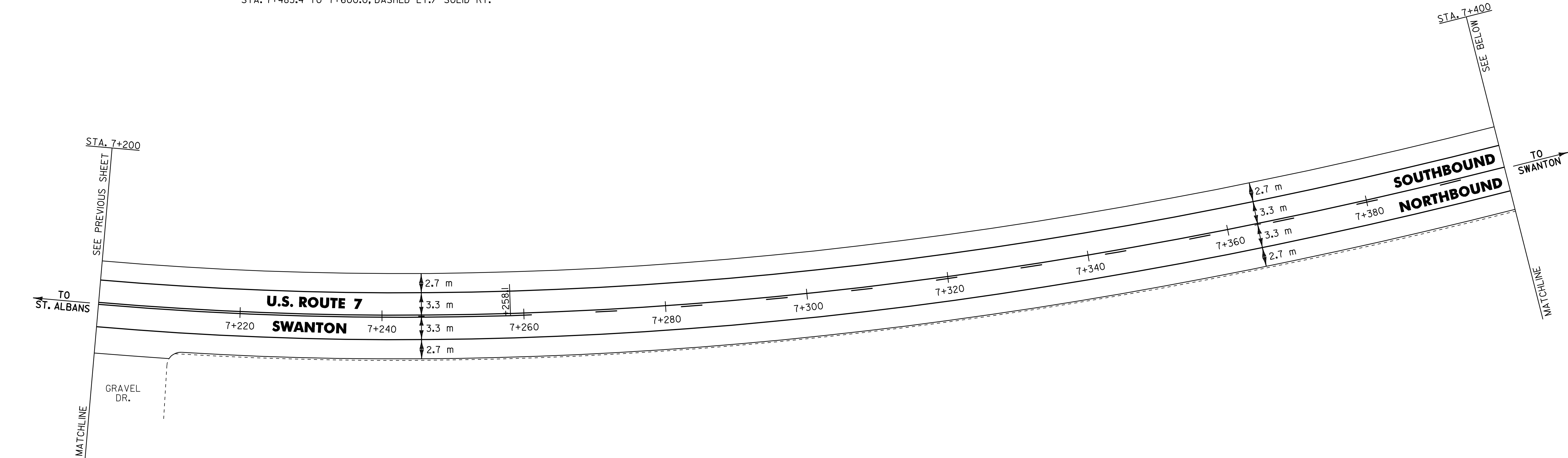
FILE NAME: /pave/01c016/p01c016.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: p01c016I26.I

PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 82 OF 89



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

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)
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: p01c016127.1

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

TEMPORARY & DURABLE 100 mm WHITE LINE (MOD.1)
STA. 7+600.0 TO 8+020.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD.1)
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.1)

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

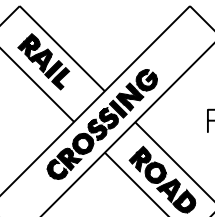
STA. 7+796.2, RT.
STA. 7+803.8, LT. (2)

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

STA. 7+820

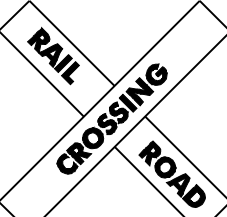
SEE BELOW

TO
SWANTON

MATCHLINE

CENTER OF L.V. RAILROAD
STA. 7+798.8 = MM 4.846

STA. 7+796.2 TO 7+800.0, RT.
REMOVE AND DISPOSE OF GUARD RAIL
INSTALL NEW STEEL BEAM
GUARD RAIL W/ ANCHOR
AT STA. 7+796.2, RT.

7+795.2, RT.
RET

(MOUNTED ON
SIGNAL POLE)

STA. 7+793.8
STOP COLD PLANING
AND PAVING

RETAIN GUARD RAIL

CONC.
RETAINING WALL

RETAIN GUARD RAIL

SOUTHBOUND
NORTHBOUND

BRIDGE #178
OVER MISSISSQUOI RIVER
STA. 7+661.2 = MM 4.760

MISSISSQUOI

RIVER

U.S. ROUTE 7
SWANTON

7+620 7+640 7+660 7+680 7+700 7+720 7+740 7+760 7+780

STA. 7+600

SEE PREVIOUS SHEET

TO
ST. ALBANS

MATCHLINE

7+600.0, RT.



N

7+950.0, LT.



WSO

GRAVEL
DR.

+965.5
EW =
(11.9 M)

PAVED
DR.

+000.0
EW =
(8.0 M)

STA. 8+020

SEE NEXT SHEET

TO
SWANTON

MATCHLINE

SOUTHBOUND
NORTHBOUND

U.S. ROUTE 7
SWANTON

7+840 7+860 7+880 7+900 7+920 7+940 7+960 7+980

DURABLE 100 mm WHITE LINE

DURABLE 100 mm YELLOW LINE

PAVED
DR.

PAVED
DR.

PAVED
DR.

PAVED
DR.

PAVED
DR.

7+955.6, RT.



IR

MEADOW LANE
STA. 7+989.5 = MM 4.964
(7.5 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 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

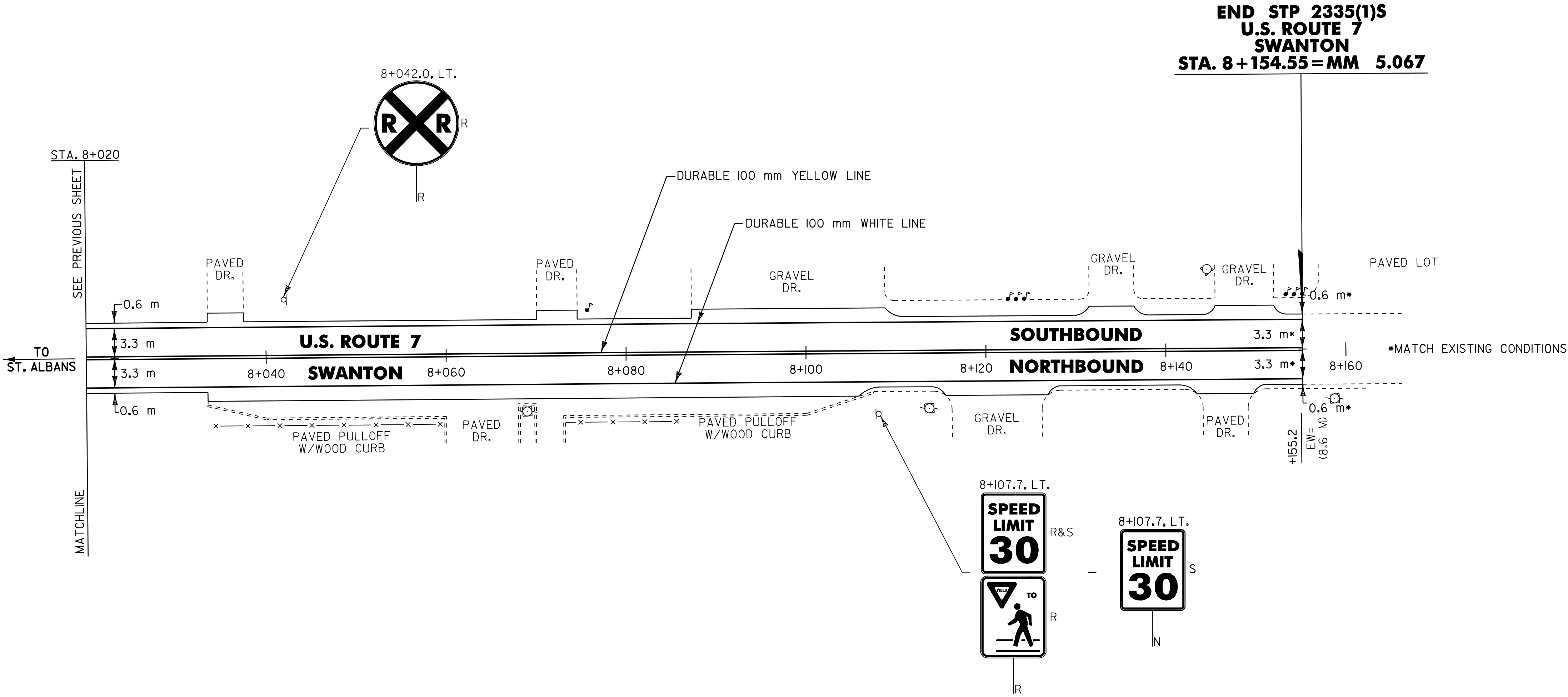


TEMPORARY & DURABLE 100 mm WHITE LINE (MOD. I)
STA. 8+020.0 TO 8+154.6, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE (MOD. I)
STA. 8+020.0 TO 8+154.6, SOLID LT. & RT.

ERECTING SALVAGED SIGNS
AS SHOWN - 1

REMOVING SIGNS
AS SHOWN - 3



- 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 #29

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: p01c016129.1

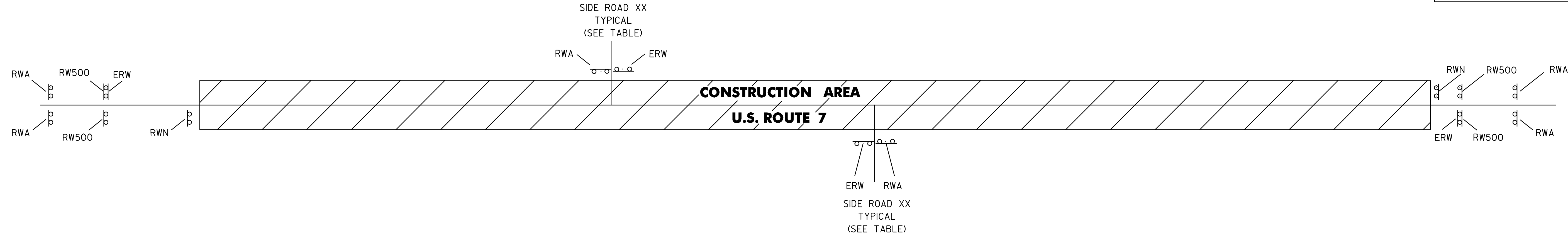
PLOT DATE: 16-SEP-2005
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 85 OF 89

[illegible]

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

[illegible]



CONSTRUCTION APPROACH SIGNING

SEE VTrans STANDARD E-100M FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	RWN
ST. ALBANS TOWN				
BEGIN PROJECT	1	2	2	1
SEYMOUR ROAD	1		1	
VT ROUTE 207	1		1	
TH-12 JEWETT AVE.	1		1	
SWANTON				
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
ST. ALBANS TOWN		
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
SWANTON		
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
ST. ALBANS TOWN		
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