INDEX OF SHEETS
SEE SHEET 2 OF 105

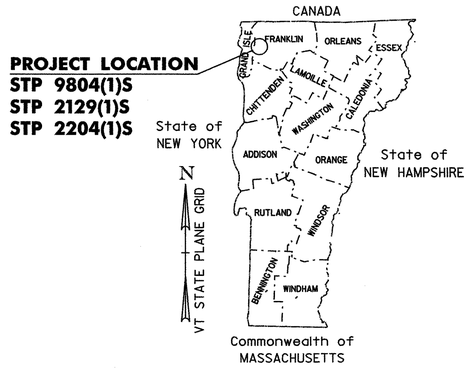
STATE OF VERMONT
AGENCY OF TRANSPORTATION

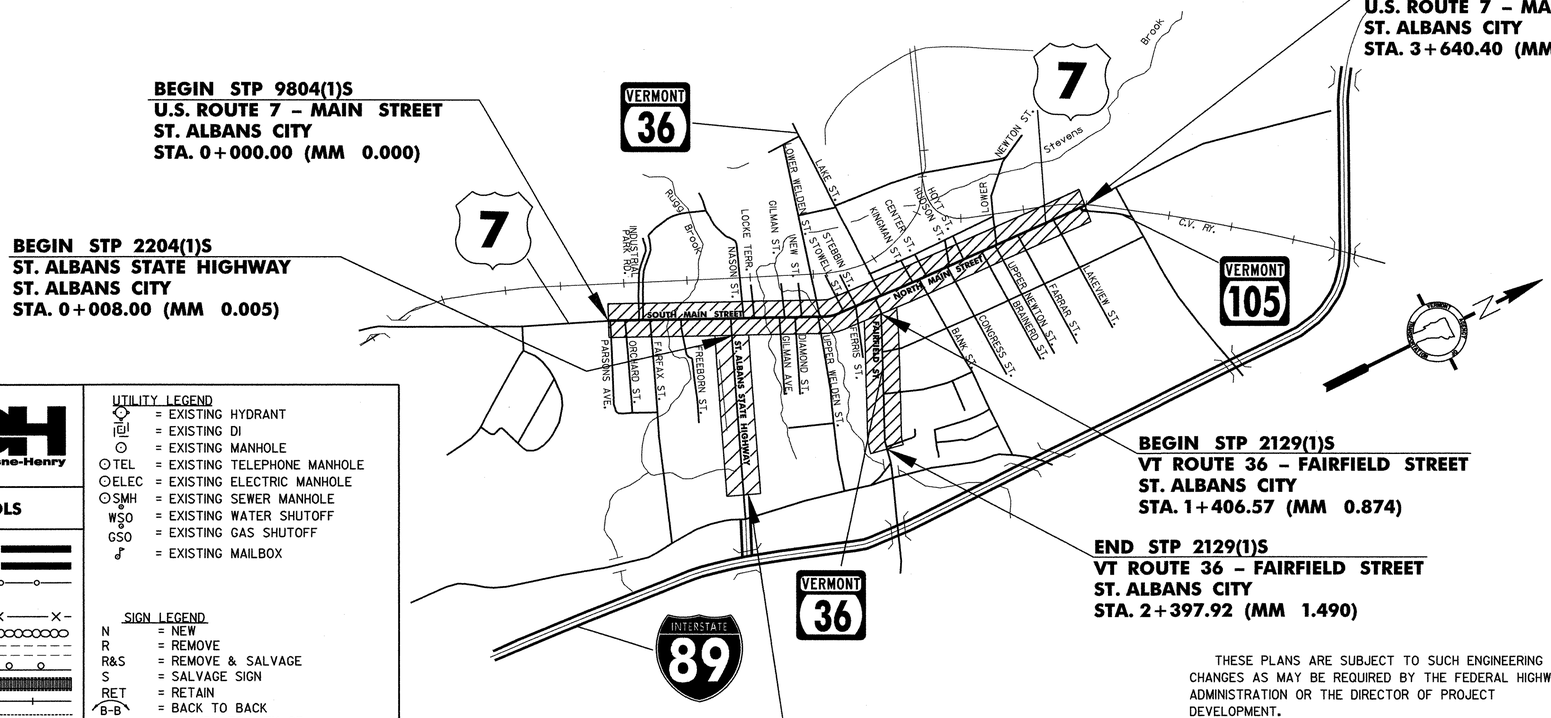
PROPOSED IMPROVEMENT
CLASS I TOWN HIGHWAY
CITY OF ST. ALBANS
COUNTY OF FRANKLIN

ST. ALBANS CITY
STP 9804(1)S
U.S. ROUTE 7
SEE SHEET 12 OF 105

ST. ALBANS CITY
STP 2129(1)S
VT ROUTE 36
SEE SHEET 70 OF 105

ST. ALBANS CITY–ST. ALBANS
STP 2204(1)S
ST ALBANS STATE HIGHWAY
SEE SHEET 90 OF 105





BEGIN STP 9804(1)S
U.S. ROUTE 7 – MAIN STREET
ST. ALBANS CITY
STA. 0+000.00 (MM 0.000)

BEGIN STP 2204(1)S
ST. ALBANS STATE HIGHWAY
ST. ALBANS CITY
STA. 0+008.00 (MM 0.005)

END STP 2204(1)S
ST. ALBANS STATE HIGHWAY
ST. ALBANS TOWN
STA. 1+039.64 (MM 0.646)

BEGIN STP 2129(1)S
VT ROUTE 36 – FAIRFIELD STREET
ST. ALBANS CITY
STA. 1+406.57 (MM 0.874)

END STP 2129(1)S
VT ROUTE 36 – FAIRFIELD STREET
ST. ALBANS CITY
STA. 2+397.92 (MM 1.490)

END STP 9804(1)S
U.S. ROUTE 7 – MAIN STREET
ST. ALBANS CITY
STA. 3+640.40 (MM 2.262)

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES

RESIDENT ENGINEER: DELVIN WARNER

CONSTRUCTION BEGAN: JULY 21, 2003

CONSTRUCTION COMPLETE: OCTOBER 31, 2003

RECORD PLANS BY: N. GARBACIK & K. NORTH

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

BY _____ RESIDENT ENGINEER

DATE 01/26/05

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.

Dufresne-Henry

CONVENTIONAL SYMBOLS

COUNTY LINE	COUNTY LINE
TOWN LINE	TOWN LINE
LIMITS OF ACCESS	
POINT OF ACCESS	X
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	SR SR SR
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
- ⓘ = RETURN TO CITY OF ST. ALBANS

SURVEYED BY : D-H

SURVEYED DATE : 06-07-00

DATUM

VERTICAL N/A

HORIZONTAL N/A

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'.

VAOT Metric

UNLESS NOTED OTHERWISE

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

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.

/pave/97dl50/pdl50.dgn pdl50tlt.i

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR

APPROVED _____ DATE _____

DIRECTOR OF PROJECT DEVELOPMENT

APPROVED _____ DATE 4/4/03

PROJECT MANAGER :

PROJECT NAME : ST. ALBANS CITY
ST. ALBANS CITY–ST. ALBANS

PROJECT NUMBER : STP 9804(1)S / STP 2129(1)S
STP 2204(1)S

SHEET 1 OF 105 SHEETS

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ST. ALBANS CITY STP 9804(1)S

ST. ALBANS CITY STP 2129(1)S

ST. ALBANS CITY-ST. ALBANS STP 2204(1)S

VTrans STANDARDS

C-1M	CURB DETAILS	01-03-00
C-2AM	PORTLAND CEMENT CONCRETE SIDEWALK	01-03-00
C-3M	SIDEWALK RAMPS	01-03-00
D-3M	TREATED GUTTERS	06-13-97
D-15M	CAST IRON GRATE, TYPES D & E	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	06-13-97
E-102M	CONSTRUCTION SIGN DETAILS	06-13-97
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-103M	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	09-24-98
E-106M	TRAFFIC CONTROL MISCELLANEOUS DETAILS	06-13-97
E-107M	CONSTRUCTION AREA BARRICADES AND DELINEATION	06-13-97
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-123M	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	06-13-97
E-124M	TOWN LINE SIGNS	06-13-97
E-135M	INTERSTATE ROUTE MARKER SIGN DETAIL	06-13-97
E-136AM	U.S. ROUTE MARKER SIGN DETAILS	06-13-97
E-136BM	STATE ROUTE MARKER SIGN DETAILS	06-13-97
E-138M	MILEMARKER DETAILS - STATE & TOWN HIGHWAYS	06-13-97
E-140M	REGULATORY SIGN DETAILS	06-13-97
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-145BM	REGULATORY SIGN DETAILS	06-13-97
E-146M	REGULATORY SIGN DETAILS	06-13-97
E-150M	WARNING SIGN DETAILS	06-13-97
E-151M	WARNING SIGN DETAILS	06-13-97
E-152M	WARNING SIGN DETAILS	06-13-97
E-153M	WARNING SIGN DETAILS	06-13-97
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-161M	W-SHAPED STEEL STEEL SIGN POST	06-13-97
E-162M	TUBULAR ALUMINUM SIGN POST	06-13-97
E-163M	TUBULAR 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	PULL BOXES AND JUNCTION BOXES DETAILS	06-13-97
E-175M	POWER DROP STANCHIONS	11-04-99
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
T-1M	TEMPORARY EROSION CONTROL DETAILS	06-13-97
T-2M	TEMPORARY EROSION CONTROL DETAILS	06-13-97

Dufresne-Henry

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PROJECT NAME: ST. ALBANS CITY/ST. ALBANS CITY-ST. ALBANS_

PROJECT NUMBER: STP 9804(1)S, STP 2129(1)S, STP 2204(1)S

FILE NAME: /pave/97d150/pd150.dgn__ PLOT DATE: 01-FEB-2006 07:4

PROJECT LEADER: JLL DRAWN BY: D-H

DESIGNED BY: D-H CHECKED BY:

IPARM FILE NAME: pd150ind.i SHEET __2__ OF _105___

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

ST. ALBANS CITY-ST. ALBANS STP 2204(I)S			ST. ALBANS CITY STP 9804(I)S		ST. ALBANS CITY STP 2129(I)S					
		ROADWAY	EMPLOYEE TRAINEE-SHIP	ROADWAY	EMPLOYEE TRAINEE-SHIP	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
		3		71		10	84	m^3	COMMON EXCAVATION	203.15	-
		2		21		6	29	m^3	SOLID ROCK EXCAVATION	203.16	-
		1					1	m^3	EARTH BORROW	203.30	
				1			1 *	m^3	TRENCH EXCAVATION OF EARTH (NOT A BID ITEM)	204.20	*
				1			1 *	m^3	TRENCH EXCAVATION OF ROCK	204.21	*
		3800		59100		9600	72500	m^2	COLD PLANING-BITUMINOUS PAVEMENT	210.10	-
				66		18	84	m^2	SCARIFYING PAVEMENT (MOD. 1)	212.20	-
				3		5	8	m^2	SCARIFYING PAVEMENT (MOD. 2)	212.20	-
		19		60		21	100	T	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	-
				1			1 *	T	AGGREGATE SHOULDERS	402.12	*
		350					350	T	AGGREGATE SHOULDERS (MOD.)	402.12	-
		3950		14200		2400	20550	KG	EMULSIFIED ASPHALT	404.65	-
		1550		7720		1300	10570	T	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25	-
				1			1 *	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50	*
				49		30	79	EA	CHANGING ELEVATION OF DI's, CB's, OR MH's	604.40	-
		7		119			126	EA	REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I	604.412	-
				31		9	40	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
				1			1	EA	CAST IRON GRATE WITH FRAME, TYPE D	604.47	-
		20		60		20	100	HR	POWER GRADER RENTAL	608.15	-
		40		60		20	120	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	-
		15		40		15	70	HR	POWER BROOM RENTAL	608.30	-
		10		60		20	90	HR	POWER BROOM RENTAL, TYPE II	608.31	-
		20		60		20	100	HR	TRUCK RENTAL	608.37	-
		20		60		20	100	HR	LOADER RENTAL, TYPE I	608.40	-
				6200		1700	7900	m^3	DUST CONTROL WITH WATER	609.10	-
		1		4		2	7	T	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	-
		10					10	m^3	STONE FILL, TYPE I	613.10	-
		1					1	M	VERTICAL GRANITE CURB	616.21	-
				509		26	535	M	CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE B	616.28	-
		13					13	M	REMOVING AND RESETTING CURB	616.40	1
				149		26	175	M	REMOVAL OF EXISTING CURB	616.41	-
				11			11	T	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	-
		14		166		51	231	m^2	PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm	618.10	-
				1		2	3	T	BITUMINOUS CONCRETE SIDEWALK	618.15	-
				136			136	M	STEEL BEAM GUARD RAIL	621.20	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

* THIS ITEM HAS BEEN LISTED ONLY ON THE STP 9804(I)S PROJECT, BUT SHALL BE SHARED ON THE ENTIRE CONTRACT.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :
ST. ALBANS CITY
ST. ALBANS CITY-ST. ALBANS

PROJECT NO. :
STP 9804(I)S
STP 2129(I)S
STP 2204(I)S

DESIGN FILE NAME: /pave/97d150/pd150.dgn
IPARM FILE NAME: pd150cgl.i
SURVEYED BY: D-H
SQUAD LEADER: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 07/98
DRAWN BY: D-H
SHEET: 3 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

ST. ALBANS CITY-ST. ALBANS STP 2204(I)S			ST. ALBANS CITY STP 9804(I)S		ST. ALBANS CITY STP 2129(I)S						
		ROADWAY	EMPLOYEE TRAINEE-SHIP	ROADWAY	EMPLOYEE TRAINEE-SHIP	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
				12			12	EA	ANCHOR FOR STEEL BEAM GUARD RAIL	621.60	-
				141			141	M	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	-
		1		75		15	91	EA	ADJUST ELEVATION OF VALVE BOX	629.20	-
		70		2700		700	3470	HR	UNIFORMED TRAFFIC OFFICERS	630.10	-
		110		4000		2000	6110	HR	FLAGGERS	630.15	-
				1			1 *	LS	FIELD OFFICE-ENGINEERS	631.10	*
				1			1 *	LS	TESTING EQUIPMENT - CONCRETE	631.16	*
				1			1 *	LS	TESTING EQUIPMENT - BITUMINOUS	631.17	*
				1			1 *	LU	FIELD OFFICE-TELEPHONE (NOT A BID ITEM)	631.25	*
				1			1 *	LS	MOBILIZATION	635.10	*
				1			1 *	LS	TRAFFIC CONTROL (MOD.)	641.10	*
		1		2		1	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
				19			19	EA	LETTER OR SYMBOL (MOD.)	646.30	-
				6270		1390	7660	M	DURABLE 100 mm WHITE LINE	646.40	-
				7890		1950	9840	M	DURABLE 100 mm YELLOW LINE	646.41	-
		2350		1090			3440	M	DURABLE 150 mm WHITE LINE	646.414	-
		2690					2690	M	DURABLE 150 mm YELLOW LINE	646.415	-
				90			90	M	DURABLE 200 mm WHITE LINE	646.42	-
				180			180	M	DURABLE 200 mm YELLOW LINE	646.43	-
		110					110	M	DURABLE 300 mm YELLOW LINE	646.45	-
		10		210		40	260	M	DURABLE 600 mm STOP BAR (TYPE I TAPE)	646.46	-
		67		295		58	420	EA	DURABLE LETTER OR SYMBOL (TYPE I TAPE)	646.50	-
		30		585		111	726	M	DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)	646.51	-
				12500		2840	15340	M	TEMPORARY 100 mm WHITE LINE	646.60	-
				15800		3900	19700	M	TEMPORARY 100 mm YELLOW LINE	646.61	-
		4690		2200			6890	M	TEMPORARY 150 mm WHITE LINE	646.614	-
		5370					5370	M	TEMPORARY 150 mm YELLOW LINE	646.615	-
				200			200	M	TEMPORARY 200 mm WHITE LINE	646.62	-
				400			400	M	TEMPORARY 200 mm YELLOW LINE	646.63	-
		220					220	M	TEMPORARY 300 mm YELLOW LINE	646.65	-
		20		420		80	520	M	TEMPORARY 600 mm STOP BAR	646.66	-
		84		310		84	478	EA	TEMPORARY LETTER OR SYMBOL	646.70	-
				30			30	EA	TEMPORARY LETTER OR SYMBOL (MOD.)	646.70	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

* THIS ITEM HAS BEEN LISTED ONLY ON THE STP 9804(I)S PROJECT, BUT SHALL BE SHARED ON THE ENTIRE CONTRACT.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :
ST. ALBANS CITY
ST. ALBANS CITY-ST. ALBANS

PROJECT NO. :
STP 9804(I)S
STP 2129(I)S
STP 2204(I)S

DESIGN FILE NAME: /pave/97d150/pd150.dgn
IPARM FILE NAME: pd150cq2.i
SURVEYED BY: D-H
SQUAD LEADER: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 07/98
DRAWN BY: D-H
SHEET: 4 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

ST. ALBANS CITY-ST. ALBANS STP 2204(I)S			ST. ALBANS CITY STP 9804(I)S		ST. ALBANS CITY STP 2129(I)S					
		ROADWAY	EMPLOYEE TRAINEE-SHIP	ROADWAY	EMPLOYEE TRAINEE-SHIP	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
		60		1170		230	1460	M	TEMPORARY CROSSWALK MARKING W/DIAGONAL LINES	646.71	-
		94		310		90	494	EA	LINE STRIPING TARGETS	646.76	-
		73		310		85	468	M	PAINTED CURB	646.81	-
		105					105	m²	PAINTED ISLAND	646.82	
		10					10	m²	GEOTEXTILE UNDER STONE FILL	649.31	-
		20		10		10	40	KG	SEED	651.15	-
		120		60		60	240	KG	FERTILIZER	651.18	
		1		0.5		0.5	2	T	AGRICULTURAL LIMESTONE	651.20	-
		1		0.5		0.5	2	T	HAY MULCH	651.25	-
		20		10		10	40	m³	TOPSOIL	651.35	-
		10					10	m²	EROSION MATTING	654.10	-
		5		83		22	110	m²	TRAFFIC SIGNS, TYPE A	675.20	-
									BEGIN OPTION ITEMS		
		14		666		174	854	M	FLANGED CHANNEL SIGN POSTS	675.301	-
		14		666		174	854	M	SQUARE TUBE SIGN POSTS AND ANCHOR	675.341	
									END OPTION ITEM		
		4		190		64	258	EA	REMOVING SIGNS	675.50	-
				27		8	35	EA	ERECTING SALVAGED SIGNS	675.60	-
		1					1	EA	FLASHING BEACON-GROUND MOUNTED (MOD.)	678.16	
				525		88	613	M	VEHICLE DETECTOR LOOP	678.22	-
				46		4	50	M	WIRED CONDUIT (50 mm)	678.23	-
				3		1	4	EA	JUNCTION BOX	678.26	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

* THIS ITEM HAS BEEN LISTED ONLY ON THE STP 9804(I)S PROJECT, BUT SHALL BE SHARED ON THE ENTIRE CONTRACT.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

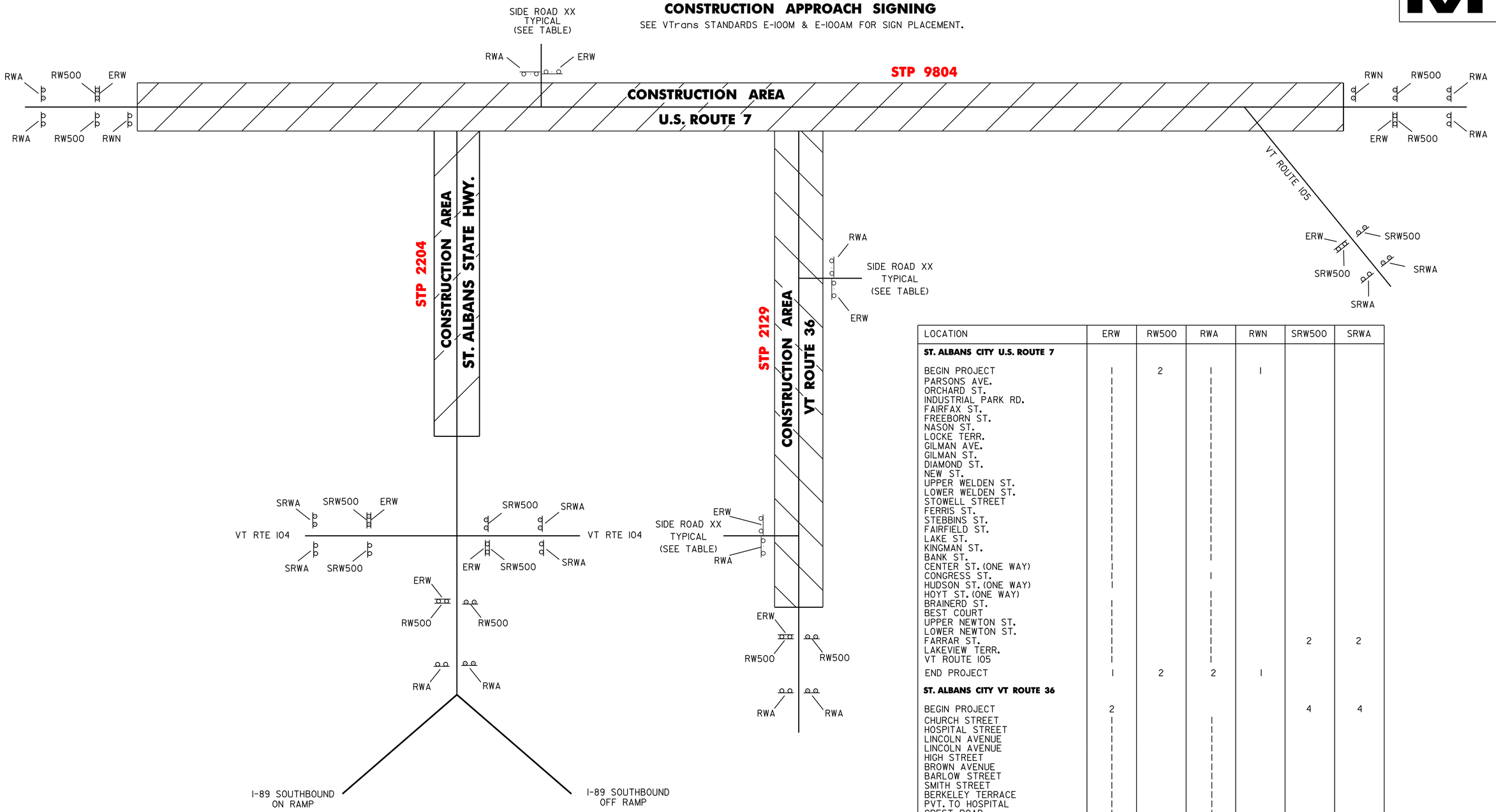
PROJECT NAME :
ST. ALBANS CITY
ST. ALBANS CITY-ST. ALBANS

PROJECT NO.:
STP 9804(I)S
STP 2129(I)S
STP 2204(I)S

DESIGN FILE NAME: /pave/97d150/pd150.dgn
IPARM FILE NAME: pd150cq3.i
SURVEYED BY: D-H
SQUAD LEADER: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 07/98
DRAWN BY: D-H
SHEET: 5 OF 105

CONSTRUCTION APPROACH SIGNING

SEE VTrans STANDARDS E-100M & E-100AM FOR SIGN PLACEMENT.



LOCATION	ERW	RW500	RWA	RWN	SRW500	SRWA
ST. ALBANS CITY U.S. ROUTE 7						
BEGIN PROJECT	1	2	1	1		
PARSONS AVE.	1		1			
ORCHARD ST.	1		1			
INDUSTRIAL PARK RD.	1		1			
FAIRFAX ST.	1		1			
FREEBORN ST.	1		1			
NASON ST.	1		1			
LOCKE TERR.	1		1			
GILMAN AVE.	1		1			
GILMAN ST.	1		1			
DIAMOND ST.	1		1			
NEW ST.	1		1			
UPPER WELDEN ST.	1		1			
LOWER WELDEN ST.	1		1			
STOWELL STREET	1		1			
FERRIS ST.	1		1			
STEBBINS ST.	1		1			
FAIRFIELD ST.	1		1			
LAKE ST.	1		1			
KINGMAN ST.	1		1			
BANK ST.	1		1			
CENTER ST. (ONE WAY)	1		1			
CONGRESS ST.	1		1			
HUDSON ST. (ONE WAY)	1		1			
HOYT ST. (ONE WAY)			1			
BRAINERD ST.	1		1			
BEST COURT	1		1			
UPPER NEWTON ST.	1		1			
LOWER NEWTON ST.	1		1			
FARRAR ST.	1		1		2	2
LAKEVIEW TERR.	1		1			
VT ROUTE 105	1		1			
END PROJECT	1	2	2	1		
ST. ALBANS CITY VT ROUTE 36						
BEGIN PROJECT	2				4	4
CHURCH STREET	1		1			
HOSPITAL STREET	1		1			
LINCOLN AVENUE	1		1			
LINCOLN AVENUE	1		1			
HIGH STREET	1		1			
BROWN AVENUE	1		1			
BARLOW STREET	1		1			
SMITH STREET	1		1			
BERKELEY TERRACE	1		1			
PVT. TO HOSPITAL	1		1			
CREST ROAD	1		1			
END PROJECT	1	2	2			
ST. ALBANS STATE HIGHWAY						
VT RTE 104 (NORTH)	1				2	2
VT RTE 104 (SOUTH)	1				2	2
ST. ALBANS S. H.	1	2	2			
TOTALS	50	8	47	2	10	10

LEGEND

ERW	= END ROAD WORK
RW500	= ROAD WORK 500 FT
RWA	= ROAD WORK AHEAD
RWN	= ROAD WORK NEXT 2¼MILES
SRW500	= SIDE ROAD WORK 500 FT
SRWA	= SIDE ROAD WORK AHEAD

CONSTRUCTION APPROACH SIGNING

PROJECT NAME: ST. ALBANS CITY/ST. ALBANS CITY-ST. ALBANS

PROJECT NUMBER: STP 9804(I)S, STP 2129(I)S, STP 2204(I)S

FILE NAME: /pave/97d150/pd150.dgn

PROJECT LEADER: JLL

DESIGNED BY: D-H

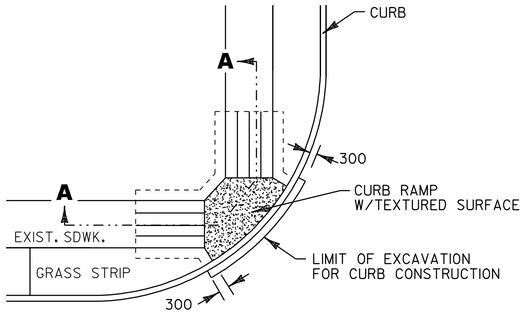
IPARM FILE NAME: pd150cas.i

PLOT DATE: 01-FEB-2006 07:4

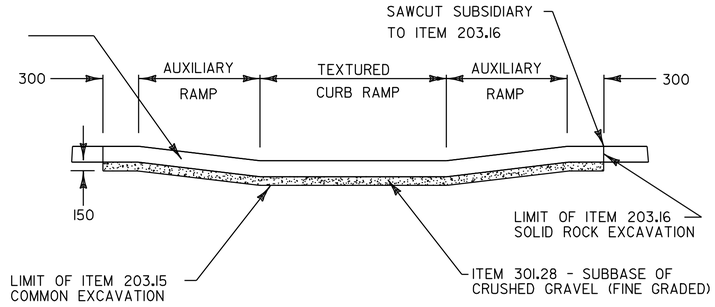
DRAWN BY: D-H

CHECKED BY:

SHEET 6 OF 105



PLAN



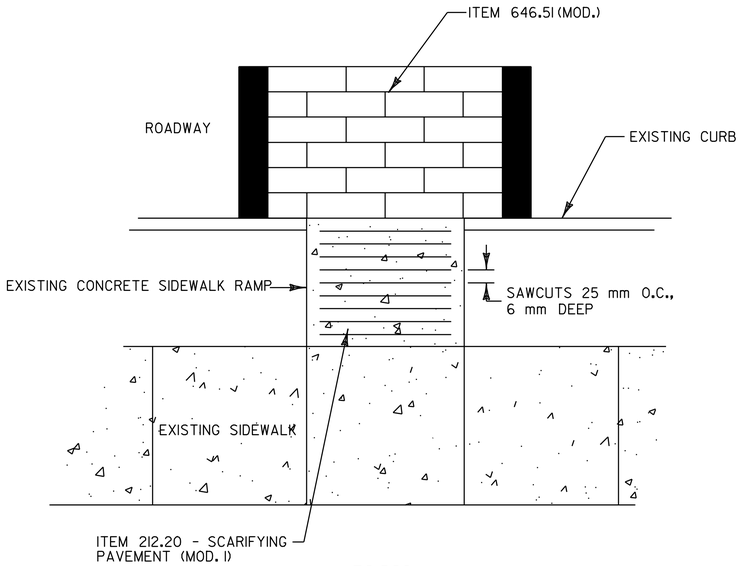
SECTION A–A

NOTE:

THIS DETAIL IS FOR PAY LIMITS ONLY. FOR INDIVIDUAL RAMP CONFIGURATIONS, SLOPES, DIMENSIONS, ETC., SEE VTrans STANDARD C-3M.

CONCRETE SIDEWALK RAMP PAY LIMIT DETAIL

NOT TO SCALE



PLAN
SIDEWALK RAMP TEXTURING DETAIL

NOT TO SCALE

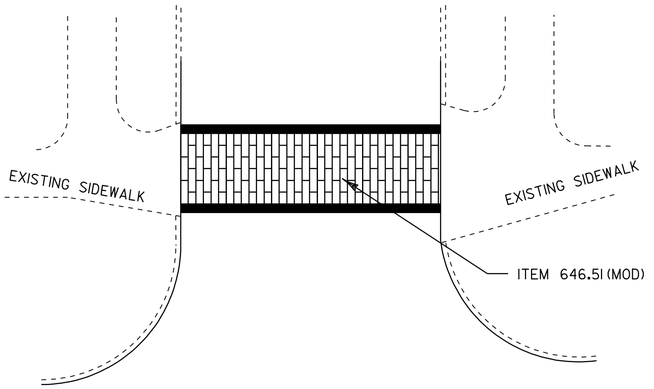
CONCRETE TEXTURING LOCATIONS

U.S. ROUTE 7 STA. 0+225.5, LT.
U.S. ROUTE 7 STA. 0+258.0, LT.
U.S. ROUTE 7 STA. 1+101.0, LT.
U.S. ROUTE 7 STA. 1+109.0, LT.
U.S. ROUTE 7 STA. 1+227.5, RT.
U.S. ROUTE 7 STA. 1+278.0, LT.
U.S. ROUTE 7 STA. 1+524.3, LT.
U.S. ROUTE 7 STA. 1+539.8, LT.
U.S. ROUTE 7 STA. 1+545.0, LT.
U.S. ROUTE 7 STA. 1+804.5, LT.
U.S. ROUTE 7 STA. 1+822.5, LT.
U.S. ROUTE 7 STA. 1+992.0, LT.
U.S. ROUTE 7 STA. 2+008.0, LT.
U.S. ROUTE 7 STA. 2+144.6, LT.
U.S. ROUTE 7 STA. 2+146.6, LT.
U.S. ROUTE 7 STA. 2+161.8, LT.
U.S. ROUTE 7 STA. 2+189.7, LT.
U.S. ROUTE 7 STA. 2+206.0, LT.
U.S. ROUTE 7 STA. 2+216.0, LT.
U.S. ROUTE 7 STA. 2+293.0, RT.
U.S. ROUTE 7 STA. 2+302.9, RT.
U.S. ROUTE 7 STA. 2+305.9, RT.
U.S. ROUTE 7 STA. 2+313.0, LT.
U.S. ROUTE 7 STA. 2+379.0, LT.
U.S. ROUTE 7 STA. 2+386.5, LT.
U.S. ROUTE 7 STA. 2+486.0, LT. & RT.
U.S. ROUTE 7 STA. 2+626.7, RT.
U.S. ROUTE 7 STA. 2+896.0, LT.
U.S. ROUTE 7 STA. 3+034.0, RT.
VT ROUTE 36 STA. 1+406.0, RT.
VT ROUTE 36 STA. 1+413.0, RT.
VT ROUTE 36 STA. 1+498.9, RT
VT ROUTE 36 STA. 1+511.3, RT.
VT ROUTE 36 STA. 1+594.0, LT.
VT ROUTE 36 STA. 1+661.0, LT.
VT ROUTE 36 STA. 1+782.0, LT.
VT ROUTE 36 STA. 2+048.0, RT.

BITUMINOUS TEXTURING LOCATIONS

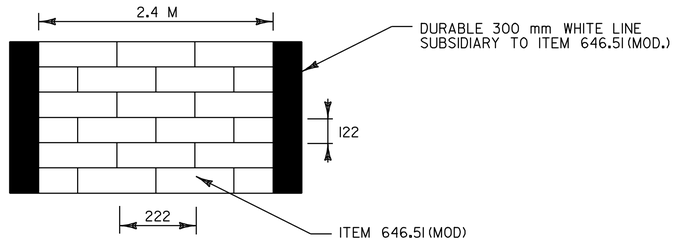
NOTE: THE METHOD SHOWN IN THE PERMANENT CROSSWALK MARKING DETAIL ON THIS SHEET, WILL BE USED AT THE FOLLOWING LOCATIONS. PAID FOR AS ITEM 212.20 (MOD. 2)

U.S. ROUTE 7 STA. 2+177.4, RT.
U.S. ROUTE 7 STA. 2+633.8, RT.
VT ROUTE 36 STA. 1+409.0, LT.
VT ROUTE 36 STA. 1+417.0, LT.



PLAN VIEW

NOT TO SCALE



PERMANENT CROSSWALK MARKING DETAIL

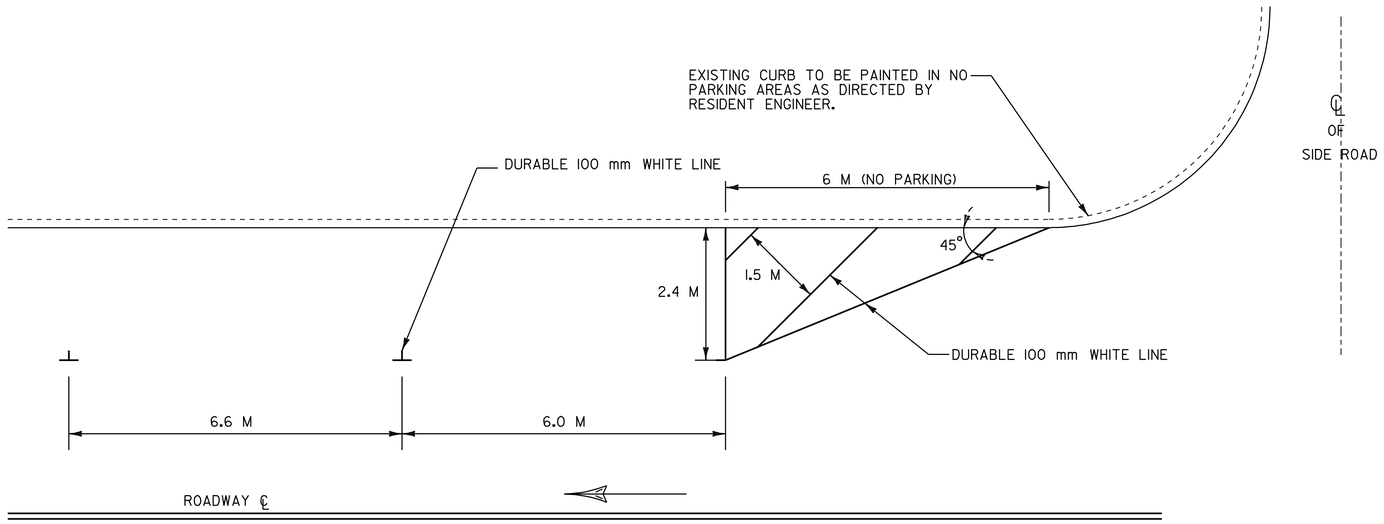
SEE LAYOUT SHEETS FOR LOCATIONS
FOR ADDITIONAL DETAILS, SEE THE SPECIAL PROVISIONS

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

SIDEWALK RAMP TEXTURING & CROSSWALK DETAILS

PROJECT NAME: ST. ALBANS CITY/ST. ALBANS CITY-ST. ALBANS__
PROJECT NUMBER: STP_9804(I)S, STP_2129(I)S, STP_2204(I)S

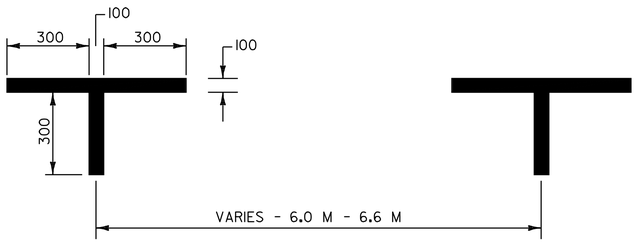
FILE NAME: /pave/97d150/pd150.dgn__ PLOT DATE: 01-FEB-2006 07:4
PROJECT LEADER: JLL DRAWN BY: D-H
DESIGNED BY: D-H CHECKED BY:
IPARM FILE NAME: pd150cdl.i SHEET __7__ OF _105___



PARALLEL PARKING DETAIL

NOT TO SCALE

NOTES:
1) ALL EXTERNAL PARKING SPACES ARE 6.0 M UNLESS OTHERWISE NOTED, & ALL INTERNAL PARKING SPACES ARE 6.6 M UNLESS OTHERWISE NOTED.
2) FOR ACTUAL LOCATIONS, SEE LAYOUT SHEETS.
3) FOR HANDICAP SYMBOL LAYOUT, SEE VTrans STANDARD E-191M.



PARKING SPACE DETAIL

NOT TO SCALE

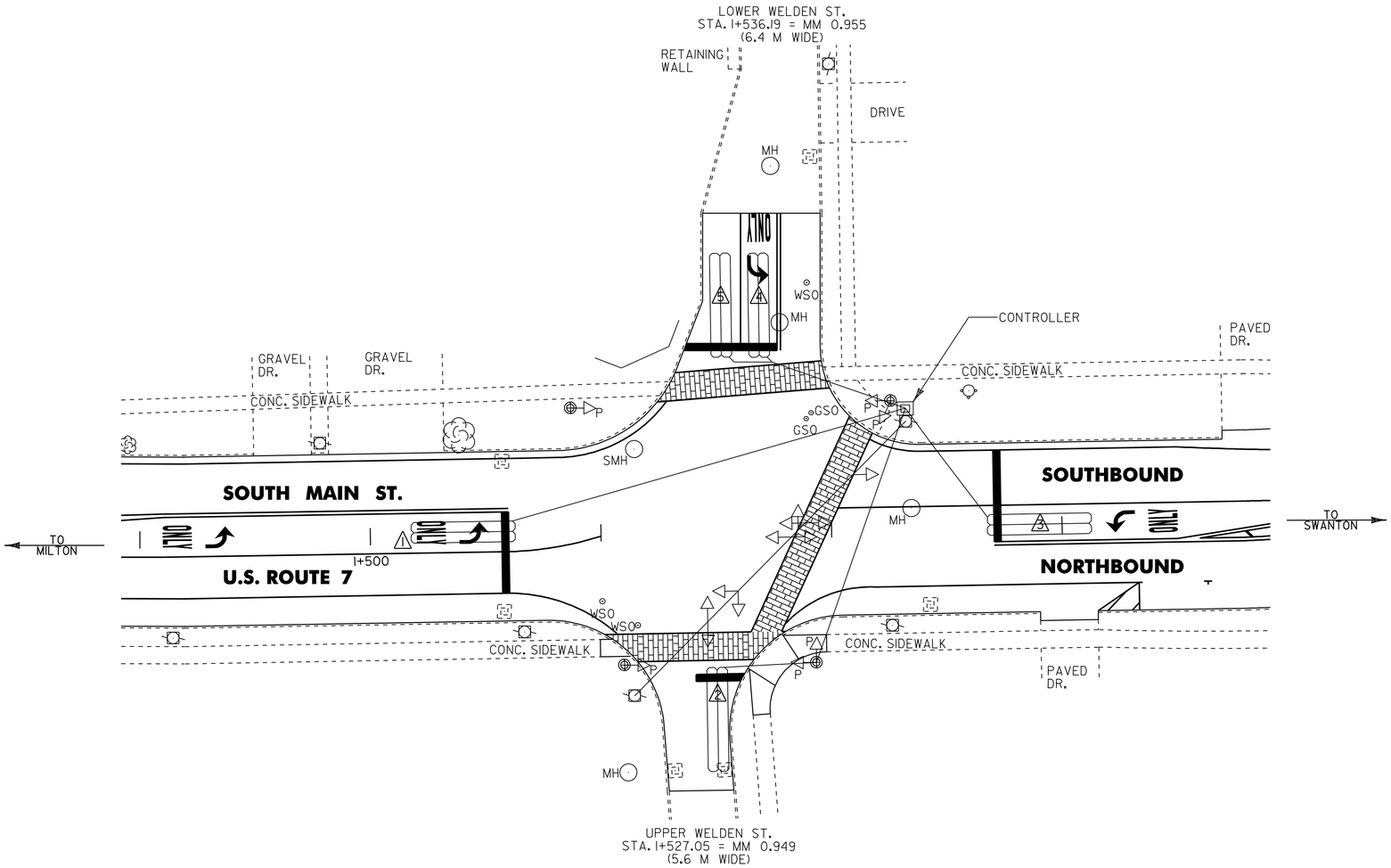
NOTES: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

PAVEMENT MARKING DETAILS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S, STP 2129(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150cd2.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 8 OF 105

U.S. ROUTE 7 / WELDEN STREET INTERSECTION



GRAPHIC SCALE

20 0 20

NOTES:

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

ONCE A 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 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 CONTROLLER ARE BASED ON DIRECT CONDUIT ROUTING TO THE NEAREST SIGNAL POLE AND CROSSING THE SPAN WIRE OR EXISTING CONDUIT AS NECESSARY TO THE EXISTING CONTROLLER LOCATION. ANY SIGNAL MODIFICATION AND OR CONTROLLER RELOCATION PRIOR TO LOOP CONNECTION WILL REQUIRE RECALCULATION OF THESE VALUES.

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.

FOR ADDITIONAL DETAILS, SEE VTrans STANDARD E-172M.

ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

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

VEHICLE DETECTOR LOOPS

LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE (uH) CALC.	INDUCTANCE (uH) ACT.	RESISTANCE (OHMS) CALC.	RESISTANCE (OHMS) ACT.	LEAKAGE TO GROUND (MEGOHMS)	LOCKING MEMORY
U.S. ROUTE 7 - 10	1	NORTHBOUND LEFT ONLY		1.8 X 9.0	QUAD - 2	PRESENCE	286		0.824			YES
U.S. ROUTE 7 - 10	2	UPPER WELDEN ST.		1.8 X 9.0	QUAD - 2	PRESENCE	284		0.803			NO
U.S. ROUTE 7 - 10	3	SOUTHBOUND LEFT ONLY		1.8 X 9.0	QUAD - 2	PRESENCE	266		0.569			YES
U.S. ROUTE 7 - 10	4	LOWER WELDEN ST. LEFT ONLY		1.8 X 9.0	QUAD - 2	PRESENCE	266		0.571			YES
U.S. ROUTE 7 - 10	5	LOWER WELDEN ST. RIGHT & THRU		1.8 X 9.0	QUAD - 2	PRESENCE	269		0.614			NO

Dufresne-Henry

VEHICLE DETECTOR LOOP LAYOUT DETAIL #1

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150cd3.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 9 OF 105

U.S. ROUTE 7 / FAIRFIELD STREET / LAKE STREET INTERSECTION

VTrans Metric

~~WIRED CONDUIT~~

~~U.S. ROUTE 7 LOOP 6 TO JB1 - 3.6 M~~
U.S. ROUTE 7 JB1 TO JB2 - ~~34.8~~ M
U.S. ROUTE 7 LOOP 7 TO JB2 - 2.8 M
U.S. ROUTE 7 LOOP 8 TO JB2 - 1.6 M
U.S. ROUTE 7 LOOP 9 TO JB3 - 1.8 M
~~VT ROUTE 36 LOOP 13 TO JB4 - 3.0 M~~

JUNCTION BOX

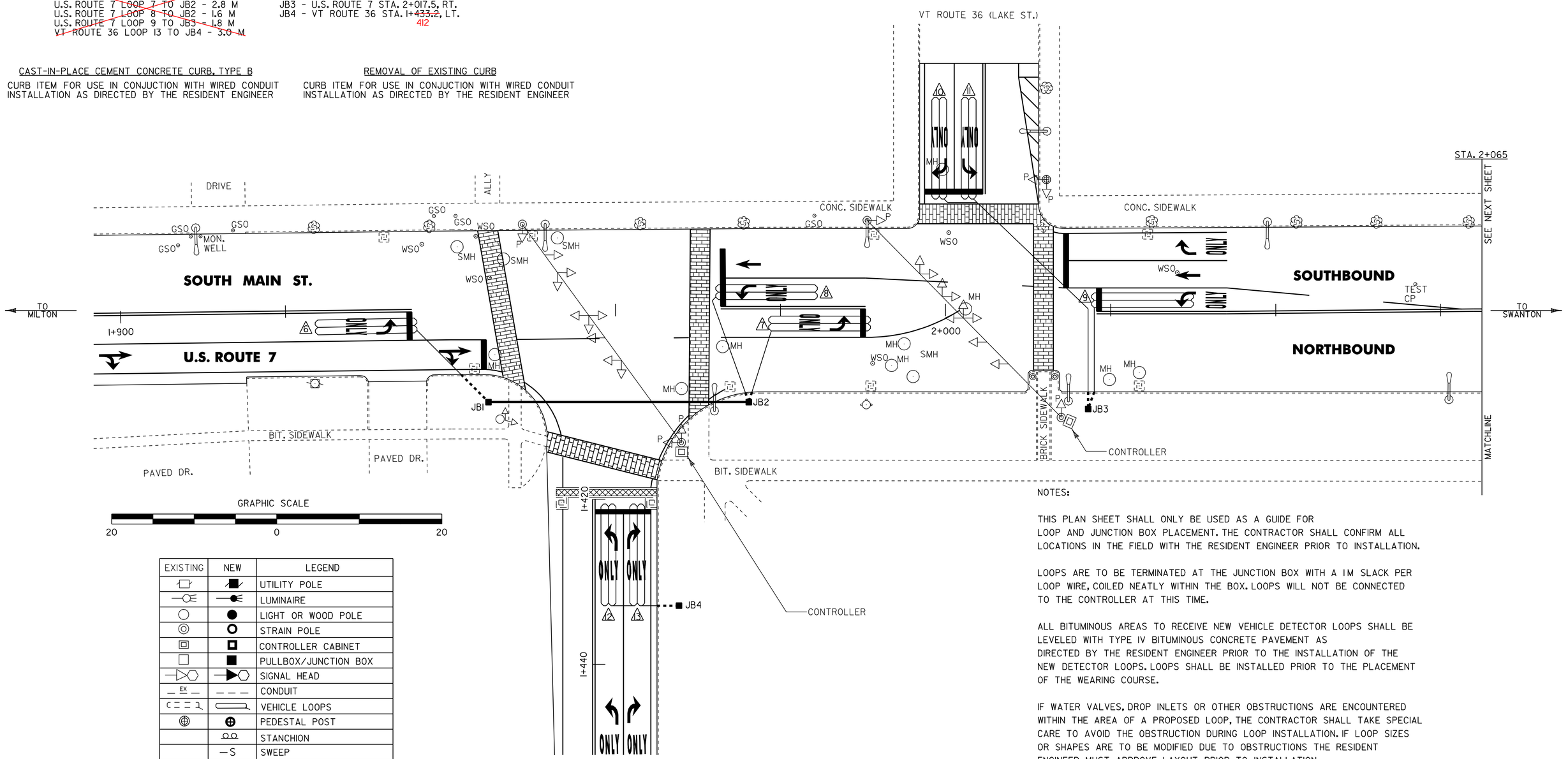
JB1 - U.S. ROUTE 7 STA. 1+943.6, RT.
JB2 - U.S. ROUTE 7 STA. 1+978.4, RT.
JB3 - U.S. ROUTE 7 STA. 2+017.5, RT.
JB4 - VT ROUTE 36 STA. 1+~~433.2~~ 412, LT.

CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE B

CURB ITEM FOR USE IN CONJUCTION WITH WIRED CONDUIT INSTALLATION AS DIRECTED BY THE RESIDENT ENGINEER

REMOVAL OF EXISTING CURB

CURB ITEM FOR USE IN CONJUCTION WITH WIRED CONDUIT INSTALLATION AS DIRECTED BY THE RESIDENT ENGINEER



GRAPHIC SCALE

20 0 20

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

VEHICLE DETECTOR LOOPS

LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE (uH) CALC.	INDUCTANCE (uH) ACT.	RESISTANCE (OHMS) CALC.	RESISTANCE (OHMS) ACT.	LEAKAGE TO GROUND (MEGOHMS)	LOCKING MEMORY
U.S. ROUTE 7 - 13	6	NORTHBOUND LEFT ONLY (U.S. ROUTE 7)		1.8 X 12.0	QUAD - 1	PRESENCE	145		0.799			YES
U.S. ROUTE 7 - 14	7	NORTHBOUND LEFT ONLY (U.S. ROUTE 7)		1.8 X 12.0	QUAD - 1	PRESENCE	112		0.382			YES
U.S. ROUTE 7 - 14	8	SOUTHBOUND LEFT ONLY (U.S. ROUTE 7)		1.8 X 12.0	QUAD - 1	PRESENCE	118		0.448			YES
U.S. ROUTE 7 - 14	9	SOUTHBOUND LEFT ONLY (U.S. ROUTE 7)		1.8 X 12.0	QUAD - 1	PRESENCE	115		0.414			YES
U.S. ROUTE 7 - 14	10	EASTBOUND RIGHT ONLY (LAKE STREET)		1.8 X 12.0	QUAD - 1	DELAYED	135		0.667			NO
U.S. ROUTE 7 - 14	11	EASTBOUND LEFT ONLY (LAKE STREET)		1.8 X 12.0	QUAD - 1	PRESENCE	132		0.627			YES
VT ROUTE 36 - 1	12	WESTBOUND LEFT ONLY (FAIRFIELD STREET)		1.8 X 12.0	QUAD - 1	PRESENCE	113		0.387			YES
VT ROUTE 36 - 1	13	WESTBOUND RIGHT ONLY (FAIRFIELD STREET)		1.8 X 12.0	QUAD - 1	DELAYED	110		0.346			NO

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 JUNCTION BOX WITH A 1M SLACK PER LOOP WIRE, COILED NEATLY WITHIN THE BOX. LOOPS WILL NOT BE CONNECTED TO THE CONTROLLER AT THIS TIME.

ALL BITUMINOUS AREAS TO RECEIVE NEW VEHICLE DETECTOR LOOPS SHALL BE LEVELED WITH TYPE IV 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 NOT COVERED BY ITEMS, 678.23 & 678.26 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.

Dufresne-Henry

VEHICLE DETECTOR LOOP LAYOUT DETAIL #2

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50cd4.i

PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 10 OF 105

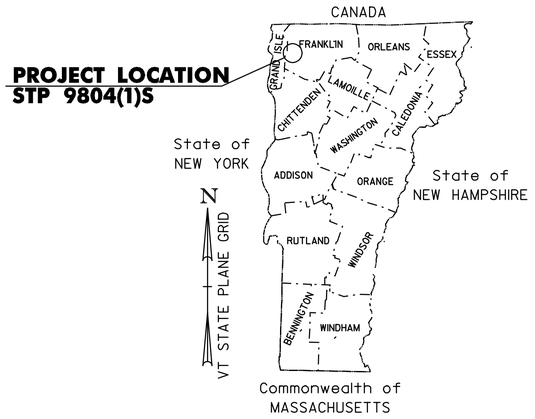
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
CLASS I TOWN HIGHWAY
CITY OF ST. ALBANS
COUNTY OF FRANKLIN
U.S ROUTE 7

BEGINNING AT THE ST. ALBANS CITY/ST. ALBANS TOWN TOWNLINE ON U.S. ROUTE 7 AT STA. 0+000.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG ROUTE 7 FOR A DISTANCE OF 3640.40 M (2.262 MILES) TO STA. 3+640.40 (MM 2.262) IN THE CITY OF ST. ALBANS.

PROJECT DATA CITY OF ST. ALBANS ROUTE 7 STA. 0+000.00 TO 3+640.40 MM 0.000 TO MM 2.262	LENGTH (METERS) 3640.40	LENGTH (MILES) 2.262
TOTAL LENGTH OF PROJECT	3640.40	2.262
TOTAL LENGTH OF ROADWAY	3640.40	2.262

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



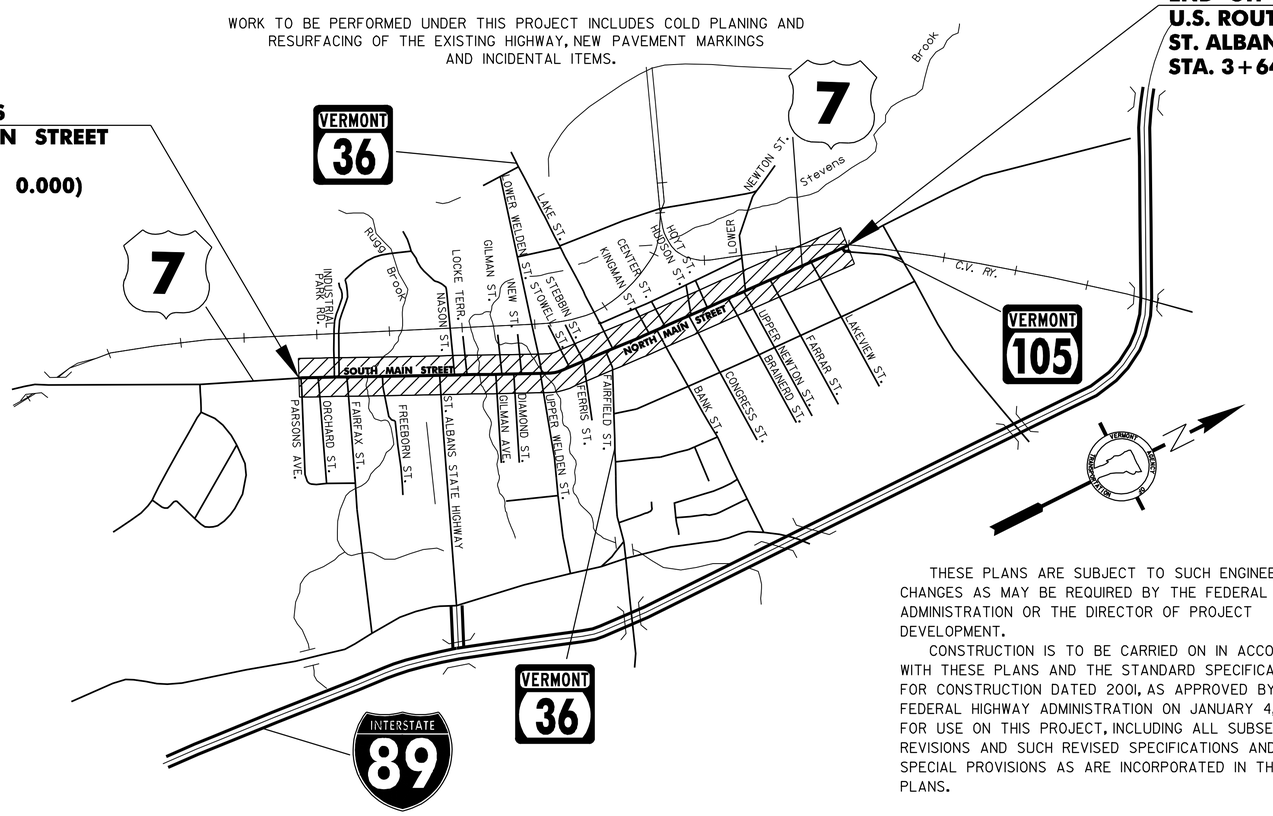
TRAFFIC DATA

U.S. ROUTE 7 (MM 0.000 TO MM 2.250)

LOCATION	ADT		DHV		ESALS
	2002	2012	2002	2012	2002-2012
MM 0.00 TO MM 0.55	9,100	10,800	1,100	1,200	1,303,000
MM 0.55 TO MM 1.25	14,600	17,500	1,500	1,800	1,811,000
MM 1.25 TO MM 1.80	16,400	19,500	1,600	2,000	1,654,000
MM 1.80 TO MM 2.25	17,800	21,300	1,800	2,100	1,817,000

BEGIN STP 9804(1)S
U.S. ROUTE 7 – MAIN STREET
ST. ALBANS CITY
STA. 0+000.00 (MM 0.000)

END STP 9804(1)S
U.S. ROUTE 7 – MAIN STREET
ST. ALBANS CITY
STA. 3+640.40 (MM 2.262)



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".

VAOT Metric

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

Dufresne-Henry

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 (SR SR SR)
TOP OF CUT
TOE OF SLOPE

UTILITY LEGEND
- = EXISTING HYDRANT
- DI = 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
- (I) = RETURN TO CITY OF ST. ALBANS

SURVEYED BY : D-H
SURVEYED DATE : 06-07-00

DATUM
VERTICAL N/A
HORIZONTAL N/A

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.

/pave/97dl50/pdl50.dgn pdl50tsh.l

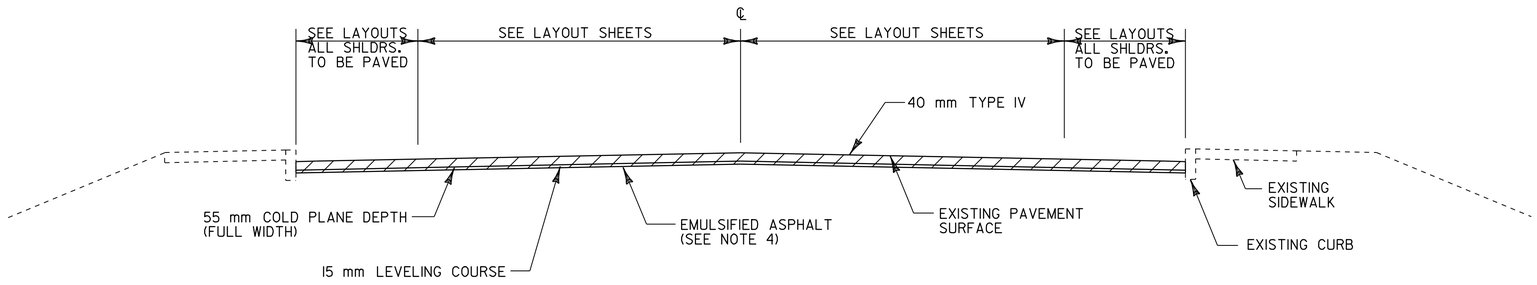
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____

DIRECTOR OF PROJECT DEVELOPMENT
APPROVED _____ DATE _____

PROJECT MANAGER :

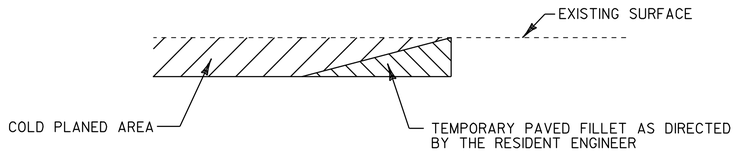
PROJECT NAME : **ST. ALBANS CITY**
PROJECT NUMBER : **STP 9804(1)S**

SHEET 12 OF 105 SHEETS

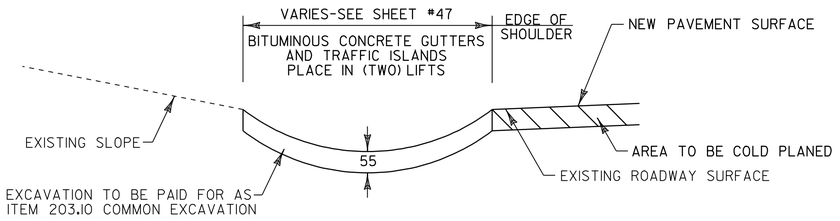


COLD PLANE TYPICAL SECTION – CURBED

U.S. ROUTE 7 STA. 0+000.00 TO 3+640.40



DETAIL AT VERTICAL COLD PLANE JOINTS



BITUMINOUS CONCRETE GUTTER DETAIL

U.S ROUTE 7 STA. 3+566, LT.
U.S ROUTE 7 STA. 3+568 TO 3+608, RT.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
ST. ALBANS CITY U.S. ROUTE 7	0+000.00	3+640.40	VARIES - SEE LAYOUT SHEETS	40 mm	2055	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IV. THE ESTIMATED 15 mm LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.

2. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT.

3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)

4. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE ENGINEER.

5. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON THIS SHEET.

6. ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 210.10. IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.25. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.

7. ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE ITEM DETAIL SUMMARY SHEET. ALL OTHER BITUNINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT PRICE FOR ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT.

8. EXTRA CARE SHALL BE TAKEN WHEN WORKING IN THE VICINITY OF MONITORING WELLS, ANY QUESTIONS OR CONCERNS SHOULD BE ADDRESSED TO THE CITY OF ST. ALBANS. THE ELEVATION ADJUSTMENTS OF TEST CP'S AND MONITORING WELLS HAS BEEN INCLUDED IN ITEM 629.20, ADJUST ELEVATION OF VALVE BOX.

9. ALL TELEPHONE MH'S AND GSO'S WILL BE ADJUSTED BY OTHERS AND SHOULD NOT BE INCLUDED IN OTHER PAY ITEMS.

10. FOR VEHICLE DETECTOR LOOP NOTES, SEE SHEETS 9 & 10.

URBAN AREAS – SEED MIXTURE

% WT	KG/HA	NAME	PUR %	GERM %
42.2	38	CREEPING RED FESCUE	98	85
10.0	9	PERENNIAL RYE GRASS	95	90
42.2	38	KENTUCKY BLUE GRASS	85	85
5.6	5	ANNUAL RYE GRASS	95	85
100	90			

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.

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

PROJECT TYPICALS & PAVING LIMITS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50tyl.i

PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 13 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

			EMPLOYEE TRAINEE-SHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					71	71	m³	COMMON EXCAVATION	203.15	2.1
					21	21	m³	SOLID ROCK EXCAVATION	203.16	1.2
					1	1	m³	TRENCH EXCAVATION OF EARTH (NOT A BID ITEM)	204.20	EST.
					1	1	m³	TRENCH EXCAVATION OF ROCK	204.21	EST.
					59100	59100	m²	COLD PLANING-BITUMINOUS PAVEMENT	210.10	1252
					66	66	m²	SCARIFYING PAVEMENT (MOD.1)	212.20	1.6
					3	3	m²	SCARIFYING PAVEMENT (MOD.2)	212.20	0.6
					60	60	T	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	1.1
					1	1	T	AGGREGATE SHOULDERS	402.12	EST.
					14200	14200	KG	EMULSIFIED ASPHALT	404.65	317
					7720	7720	T	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25	149
					1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50	EST.
					49	49	EA	CHANGING ELEVATION OF DI's, CB's, OR MH's	604.40	EST.
					119	119	EA	REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I	604.412	EST.
					31	31	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	EST.
					1	1	EA	CAST IRON GRATE WITH FRAME, TYPE D	604.47	EST.
					60	60	HR	POWER GRADER RENTAL	608.15	EST.
					60	60	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
					40	40	HR	POWER BROOM RENTAL	608.30	EST.
					60	60	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
					60	60	HR	TRUCK RENTAL	608.37	EST.
					60	60	HR	LOADER RENTAL, TYPE I	608.40	EST.
					6200	6200	m³	DUST CONTROL WITH WATER	609.10	156.9
					4	4	T	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	0.4
					509	509	M	CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE B	616.28	7.5
					149	149	M	REMOVAL OF EXISTING CURB	616.41	3.0
					11	11	T	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	0.9
					166	166	m²	PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm	618.10	3.3
					1	1	T	BITUMINOUS CONCRETE SIDEWALK	618.15	0.2
					136	136	M	STEEL BEAM GUARD RAIL	621.20	2.1

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
52966	m²	U.S. ROUTE 7 AREA
4882	m²	U.S. ROUTE 7 TOWN HIGHWAY AREA
1252	m²	ROUNDING
59100	m²	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
5021	T	U.S. ROUTE 7 WEARING COURSE (TYPE IV)
463	T	TOWN HIGHWAY WEARING COURSE (TYPE IV)
31	T	DRIVES WEARING COURSE (TYPE IV)
1883	T	U.S. ROUTE 7 LEVELING COURSE (TYPE IV)
173	T	TOWN HIGHWAY LEVELING COURSE (TYPE IV)
149	T	ROUNDING
7720	T	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME : ST. ALBANS CITY

PROJECT NO. : STP 9804(I)S

DESIGN FILE NAME: /pave/97d150/pd150.dgn
IPARM FILE NAME: pd150gsl.i
SURVEYED BY: D-H
SQUAD LEADER: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 06/07/00
DRAWN BY: D-H
SHEET: 14 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

			EMPLOYEE TRAINEE-SHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					12	12	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-
					141	141	M	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	2.1
					75	75	EA	ADJUST ELEVATION OF VALVE BOX	629.20	EST.
					2700	2700	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
					4000	4000	HR	FLAGGERS	630.15	EST.
					1	1	LS	FIELD OFFICE-ENGINEERS	631.10	-
					1	1	LS	TESTING EQUIPMENT - CONCRETE	631.16	-
					1	1	LU	TESTING EQUIPMENT - BITUMINOUS	631.17	-
					1	1	LS	FIELD OFFICE - TELEPHONE (NOT A BID ITEM)	631.25	-
					1	1	LS	MOBILIZATION	635.10	-
					1	1	LS	TRAFFIC CONTROL (MOD.)	641.10	-
					2	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
					19	19	EA	LETTER OR SYMBOL (MOD.)	646.30	-
					6270	6270	M	DURABLE 100 mm WHITE LINE	646.40	125
					7890	7890	M	DURABLE 100 mm YELLOW LINE	646.41	157
					1090	1090	M	DURABLE 150 mm WHITE LINE	646.414	20
					90	90	M	DURABLE 200 mm WHITE LINE	646.42	7
					180	180	M	DURABLE 200 mm YELLOW LINE	646.43	7
					210	210	M	DURABLE 600 mm STOP BAR (TYPE I TAPE)	646.46	8.6
					295	295	EA	DURABLE LETTER OR SYMBOL (TYPE I TAPE)	646.50	-
					585	585	M	DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)	646.51	13.1
					12500	12500	M	TEMPORARY 100 mm WHITE LINE	646.60	209
					15800	15800	M	TEMPORARY 100 mm YELLOW LINE	646.61	333
					2200	2200	M	TEMPORARY 150 mm WHITE LINE	646.614	60
					200	200	M	TEMPORARY 200 mm WHITE LINE	646.62	34
					400	400	M	TEMPORARY 200 mm YELLOW LINE	646.63	54
					420	420	M	TEMPORARY 600 mm STOP BAR	646.66	17
					310	310	EA	TEMPORARY LETTER OR SYMBOL	646.70	-
					30	30	EA	TEMPORARY LETTER OR SYMBOL (MOD.)	646.70	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME : ST. ALBANS CITY

PROJECT NO. : STP 9804(I)S

DESIGN FILE NAME: /pave/97dl50/pdl50.dgn
IPARM FILE NAME: pdl50qs2.i
SURVEYED BY: D-H
SQUAD LEADER: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 06/07/00
DRAWN BY: D-H
SHEET: 15 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

			EMPLOYEE TRAINEE-SHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					1170	1170	M	TEMPORARY CROSSWALK MARKING W/DIAGONAL LINES	646.71	26.2
					310	310	EA	LINE STRIPING TARGETS	646.76	7
					310	310	M	PAINTED CURB	646.81	10
					10	10	KG	SEED	651.15	EST.
					60	60	KG	FERTILIZER	651.18	EST.
					0.5	0.5	T	AGRICULTURAL LIMESTONE	651.20	EST.
					0.5	0.5	T	HAY MULCH	651.25	EST.
					10	10	m^3	TOPSOIL	651.35	EST.
					83	83	m^2	TRAFFIC SIGNS, TYPE A	675.20	1.66
								BEGIN OPTION ITEM		
					666	666	M	FLANGED CHANNEL SIGN POSTS	675.301	12.8
					666	666	M	SQUARE TUBE SIGN POST AND ANCHOR	675.341	12.8
								END OPTION ITEM		
					190	190	EA	REMOVING SIGNS	675.50	-
					27	27	EA	ERECTING SALVAGED SIGNS	675.60	-
					525	525	M	VEHICLE DETECTOR LOOP	678.22	11.4
					46	46	M	WIRED CONDUIT (50 mm)	678.23	1.4
					3	3	EA	JUNCTION BOX	678.26	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :
ST. ALBANS CITY

PROJECT NO. :
STP 9804(I)S

DESIGN FILE NAME: /pave/97dl50/pdl50.dgn
IPARM FILE NAME: pdl50qs3.1
SURVEYED BY: D-H
SQUAD LEADER: JLL

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 06/07/00
DRAWN BY: D-H
SHEET: 16 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET

VAOT Metric

STATION BEGIN	STATION END	POS.	203.15 COMMON EXCAV. m^3	203.16 SOLID ROCK EXCAV. m^3	203.30 EARTH BORROW m^3	212.20 SCARIFYING PAVEMENT (MOD.1) m^2	212.20 SCARIFYING PAVEMENT (MOD.2) m^2	301.28 SUBBASE OF C.R. GRAVEL T	GRATE TYPE EA	604.40 CHAN ELEV EA	604.412 REHAB DI CLASS I EA	604.42 CHAN ELEV SEWER MANHOLE EA	604.47 CAST IRON GRATE W/FRAME TYPE D EA	616.28 CAST-IN-PLACE CEM.CONC. CURB, TYPE B M	616.41 REMOVAL OF EXISTING CURB M	616.47 BIT. CONC. GUTTERS & TRAFFIC ISLANDS T	618.10 P.C. CONCRETE SIDEWALK 125 mm m^2	618.15 BIT. CONCRETE SIDEWALK T	621.20 STEEL BEAM G.R. M	621.60 ANCHOR FOR STEEL BEAM RAIL EA	621.80 REMOVAL AND DISPOSAL OF GUARD RAIL M	629.20 ADJUST ELEV OF VALVE BOX EA	REMARKS
U.S. ROUTE 7																							
0+000.00	3+640.40	LT&RT								49	119	31	1	357								75	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEETS 67 & 68.
0+009.0		RT	0.7	0.6				1.7						3.2	3.2		4.8						CONSTRUCT SIDEWALK RAMP, TYPE I
0+020.3		RT	0.5	0.4				1.1						3.5	3.5		3.2						CONSTRUCT SIDEWALK RAMP, TYPE I
0+118.8		RT	0.6	0.5				1.3						4.5	4.5		3.8						CONSTRUCT SIDEWALK RAMP, TYPE I
0+128.9		RT	0.6	0.5				1.3						3.6	3.6		3.8						CONSTRUCT SIDEWALK RAMP, TYPE I
0+225.5		LT				3.9																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
0+226.0	0+255.0	LT																	35.44 ~~53.2~~	6	49.4		INSTALL NEW RAIL W/ANCHORS ALONG BOTH EDGES OF SIDEROAD (19 M EACH) AND ALONG BOTH SIDES OF CENTER ISLAND (7.6 M EACH)
0+258.0		LT				2.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
0+300.4		RT	0.7	0.6				1.6						3.7	3.7		4.5						CONSTRUCT SIDEWALK RAMP, TYPE I
0+313.0		RT	0.6	0.5				1.4						7.2	7.2		4.1						CONSTRUCT SIDEWALK RAMP, TYPE I
0+426.2	0+452.8	LT																	27.9 ~~26.6~~	2	20		INSTALL NEW STEEL BEAM G.R. WITH ANCHORS
0+523.0		RT	0.6	0.5				1.3						4.5	4.5		3.8						CONSTRUCT SIDEWALK RAMP, TYPE I
0+537.9		RT	0.8	0.7				1.8						4.4	4.4		5.3						CONSTRUCT SIDEWALK RAMP, TYPE I
0+847.0	0+873.5	LT																			26.5		REMOVE EXISTING STEEL BEAM G.R.
0+882.0	0+904.8	LT																	28.7 ~~27.4~~	2	24.0		USE PAY FACTOR 1.40 FROM STA. 0+882.0 TO 0+893.4
0+908.0	0+915.6	RT																	17.2 ~~10.7~~		7.5		USE PAY FACTOR 1.40
0+918.4	0+929.8	LT																	16.9 ~~16.0~~	2	11.5		USE PAY FACTOR 1.40
0+976.0		LT	0.5	0.5				1.2						5.7	5.7		3.6						CONSTRUCT SIDEWALK RAMP, TYPE I
0+985.2		LT	0.3	0.3				0.7						7.2	7.2		2						CONSTRUCT SIDEWALK RAMP, TYPE I
1+025.0		RT	1.5	1.5				3.3						6	6		9.7						CONSTRUCT SIDEWALK RAMP, TYPE 6
1+025.0		LT	1.5					3.5						2	2		7.6						CONSTRUCT NEW SIDEWALK W/RAMP, TYPE 2
1+101.0		LT				2.2																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+109.0		LT				1.9																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+227.5		RT				2.7																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+242.2		RT	1.3	1.1				2.9						7.0	7.0		8.4						CONSTRUCT SIDEWALK RAMP, TYPE 6
1+271.4		LT	0.3	0.2				0.6									1.8						CONSTRUCT SIDEWALK RAMP, TYPE I
1+278.0		LT				1.9																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+361.0		RT	0.5	0.4				1.1						4.0	4.0		3.3						CONSTRUCT SIDEWALK RAMP, TYPE I
1+374.9		RT	1.5	1.2				3.4						7.5	7.5		10.0						CONSTRUCT SIDEWALK RAMP, TYPE 6
1+437.0		LT	0.6	0.5				1.4									4.1						CONSTRUCT SIDEWALK RAMP, TYPE I
1+444.7		LT	0.4	0.3				0.8									2.4						CONSTRUCT SIDEWALK RAMP, TYPE I
1+517.5		RT	0.6	0.5				1.3						4.0	4.0		3.9						CONSTRUCT SIDEWALK RAMP, TYPE I
1+524.3		LT				2.2																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+533.5		RT	1.5	1.2				3.4						7.7	7.7		9.8						CONSTRUCT SIDEWALK RAMP, TYPE 6
1+539.8		LT				1.8																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
SUBTOTALS			15.6	12		19.0		35.1		49	119	31	1	442.7	85.7		99.9		126.14 ~~133.9~~	12	138.9	75	

PROJECT NAME : ST. ALBANS CITY
PROJECT NO. : STP 9804(I)S
DESIGN FILE NAME: /pave/97d150/pd150.dgn
IPARM FILE NAME: pd150idl.i
SURVEYED BY: D-H
DESIGNED BY: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 06/07/00
DRAWN BY: D-H
SHEET: 17 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET

VAOT Metric

STATION BEGIN	STATION END	POS.	203.15 COMMON EXCAV. m^3	203.16 SOLID ROCK EXCAV. m^3	203.30 EARTH BORROW m^3	212.20 SCARIFYING PAVEMENT (MOD.1) m^2	212.20 SCARIFYING PAVEMENT (MOD.2) m^2	301.28 SUBBASE OF C.R. GRAVEL T	GRATE TYPE EA	604.40 CHAN ELEV EA	604.412 REHAB DI CLASS I EA	604.42 CHAN ELEV SEWER MANHOLE EA	604.47 CAST IRON GRATE W/FRAME TYPE D EA	616.28 CAST-IN-PLACE CEM.CONC. CURB, TYPE B M	616.41 REMOVAL OF EXISTING CURB M	616.47 BIT. CONC. GUTTERS & TRAFFIC ISLANDS T	618.10 P.C. CONCRETE SIDEWALK 125 mm m^2	618.15 BIT. CONCRETE SIDEWALK T	621.20 STEEL BEAM G.R. M	621.60 ANCHOR FOR STEEL BEAM RAIL EA	621.80 REMOVAL AND DISPOSAL OF GUARD RAIL M	629.20 ADJUST ELEV OF VALVE BOX EA	REMARKS
U. S. ROUTE 7																							
1+545.0		LT				2.9																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+698.0		LT	0.6	0.5				1.4						8.4	8.4		4.2						CONSTRUCT SIDEWALK RAMP, TYPE 1
1+711.5		LT	0.5	0.5				1.2						3.5	3.5		3.6						CONSTRUCT SIDEWALK RAMP, TYPE 1
1+721.0		LT	0.6	0.5				1.5						4.5	6		4.3						CONSTRUCT NEW SIDEWALK WITH TYPE 2 RAMP, FOR DETAILS SEE SHEET 30.
1+804.5		LT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+817.0		RT	0.5	0.4				1.0						9	9		3						CONSTRUCT SIDEWALK RAMP, TYPE 6
1+822.5		LT				4.3																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+992.0		LT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+008.0		LT				3.8																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+144.6		LT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+146.6		LT				1.7																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+161.8		LT				1.7																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+177.4		RT					1.4																CONSTRUCT BITUMINOUS TEXTURING. FOR DETAILS SEE SHEET 7.
2+189.7		RT	3.8	3.1				8.6									25.0						CONSTRUCT SIDEWALK RAMP, TYPE 5
2+189.7		LT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+206.0		LT				3.6																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+216.0		LT				3.6																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+293.0		RT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+302.9		RT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+305.9		LT	1.4	1.1				3.1						6.5	6.5		9.0						CONSTRUCT SIDEWALK RAMP, TYPE 5
2+305.9		RT				2.1																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+313.0		LT				2.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+379.0		LT				2.6																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+386.5		LT				2.2																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+486.0		LT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+486.0		RT				1.2																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+626.7		RT				0.9																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
2+633.8		RT					1.0																CONSTRUCT BITUMINOUS TEXTURING. FOR DETAILS SEE SHEET 7.
2+886.3		RT	1.3					2.3						5.1	5.1			0.8					CONSTRUCT BITUMINOUS SIDEWALK RAMP, TYPE 1
2+893.0		RT	2.1	1.7				4.7						3.8	3.8		13.7						CONSTRUCT SIDEWALK RAMP, TYPE 3
2+896.0		LT				1.2																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
3+034.0		RT				1.4																	CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
3+566.0		LT	7.8													1.9							FOR BITUMINOUS CONCRETE GUTTER DETAILS, SEE SHEET 13
3+568.0	3+608.0	RT	34.7													8.2							FOR BITUMINOUS CONCRETE GUTTER DETAILS, SEE SHEET 13
SEE REMARKS														18.0	18.0								CURB ITEMS FOR USE IN CONJUCTION WITH WIRED CONDUIT INSTALLATION AS DIRECTED BY THE RESIDENT ENGINEER. FOR DETAILS, SEE SHEET 10.
SUBTOTALS			53.3	7.8		45.4	2.4	23.8						58.8	60.3	10.1	62.8	0.8					
SHEET 17 SUBTOTALS			15.6	12		19.0	-	35.1		49	119	31	1	442.7	85.7	-	99.9		133.9	12	138.9	75	
SHEET 18 SUBTOTALS			53.3	7.8		45.4	2.4	23.8		-	-	-	-	58.8	60.3	10.1	62.8	0.8	-	-	-	-	
SUBTOTALS			68.9	19.8		64.4	2.4	58.9		49	119	31	1	501.5	146	10.1	162.7	0.8	133.9	12	138.9	75	
ROUNDING			2.1	1.2		1.6	0.6	1.1		-	-	-	-	7.5	3	0.9	3.3	0.2	2.1	-	2.1	-	
PROJECT TOTALS			71	21		66	3	60		49	119	31	1	509	149	11	166	1	136	12	141	75	

PROJECT NAME : ST. ALBANS CITY
PROJECT NO.: STP 9804(I)S

DESIGN FILE NAME: /pave/97d150/pd150.dgn
IPARM FILE NAME: pd150id2.i
SURVEYED BY: D-H
DESIGNED BY: JLL
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 06/07/00
DRAWN BY: D-H
SHEET: 18 OF 105

TEMPORARY & DURABLE 100 mm WHITE LINE
STA. 0+000.0 TO 0+165.0, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR PARSONS AVE. & ORCHARD ST.)
STA. 0+123.4, RT. (ORCHARD ST. EDGELINES)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+000.0 TO 0+165.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR PARSONS AVE. & ORCHARD ST.)
STA. 0+014.0, DOUBLE SOLID RT. (PARSONS AVE.)
STA. 0+123.4, DOUBLE SOLID RT. (ORCHARD ST.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 0+014.0, RT. (PARSONS AVE.)
STA. 0+123.4, RT. (ORCHARD ST.)

REMOVING SIGNS
AS SHOWN - 6

CHANGING ELEVATION OF SMH'S
STA. 0+013.0, LT.
STA. 0+017.0, RT.
STA. 0+122.5, LT.

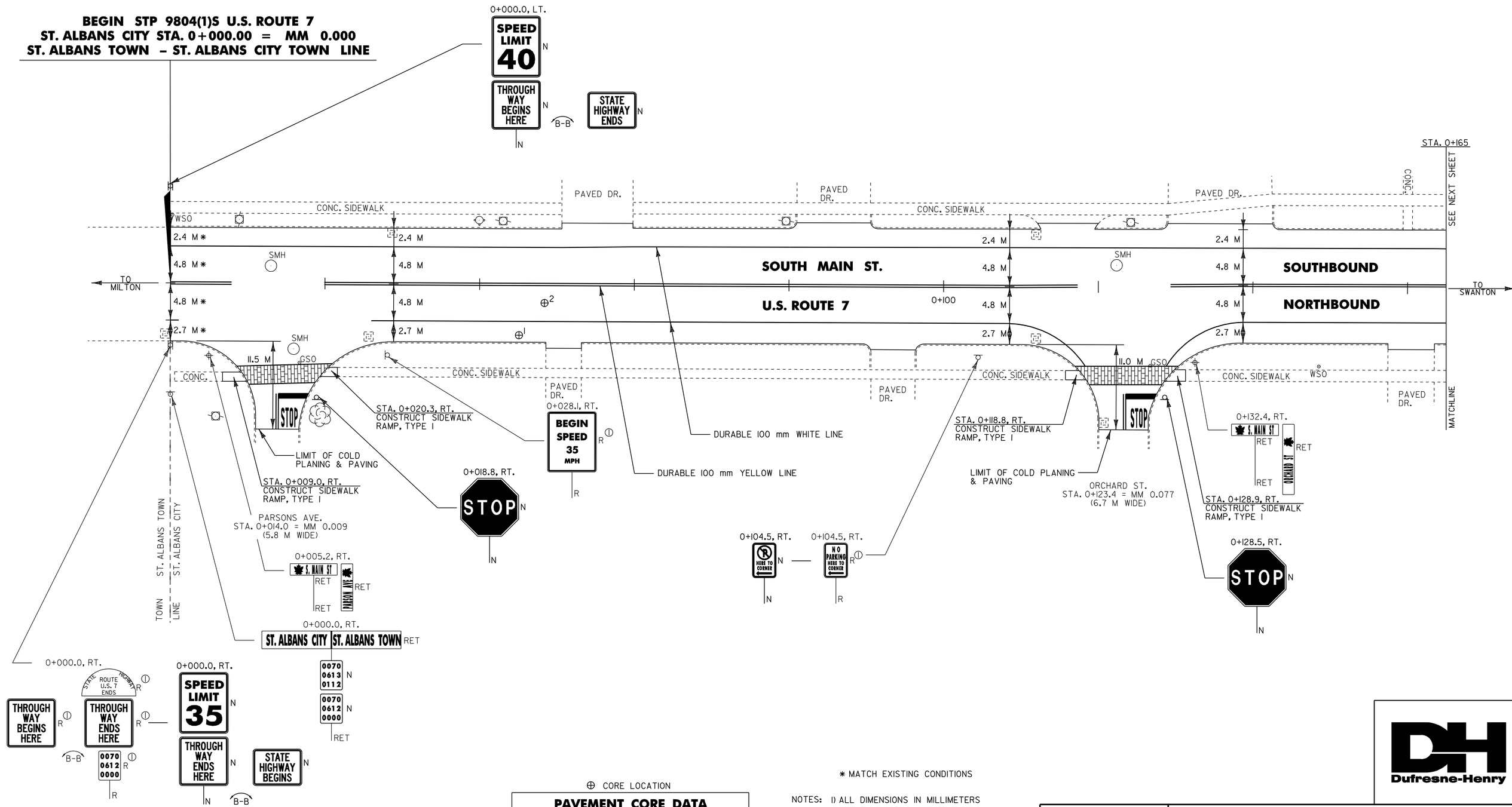
REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 0+000.0, RT. - DI
STA. 0+028.7, LT. & RT. - DI'S
STA. 0+112.0, LT. & RT. - DI'S
STA. 0+121.0, RT. - DI

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 0+014.0, RT. (PARSONS AVE.)
STA. 0+123.4, RT. (ORCHARD ST.)

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 0+014.0, RT. - "STOP"
STA. 0+123.4, RT. - "STOP"

ADJUST ELEVATION OF VALVE BOX
STA. 0+005

BEGIN STP 9804(1)S U.S. ROUTE 7
ST. ALBANS CITY STA. 0+000.00 = MM 0.000
ST. ALBANS TOWN – ST. ALBANS CITY TOWN LINE



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
1	0+045.1, RT.	140	NO
2	0+048.3, RT.	159	NO

* MATCH EXISTING CONDITIONS

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.

Dufresne-Henry

LAYOUT SHEET #1

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(1)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p01.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 19 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 0+165.0 TO 0+325.0, SOLID LT. & RT. (WITH EDGELINE BREAKS FOR INDUSTRIAL PARK RD. & FAIRFAX ST.)
STA. 0+242.0, LT. (INDUSTRIAL PARK RD. EDGELINES)
STA. 0+306.3, RT. (FAIRFAX ST. EDGELINES)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+165.0 TO 0+325.0, SOLID LT. & RT. (WITH CENTERLINE BREAKS FOR INDUSTRIAL PARK RD. & FAIRFAX ST.)
STA. 0+306.3, DOUBLE SOLID RT. (FAIRFAX ST.)
STA. 0+242.0, LT. (EDGELINES AROUND ISLAND)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 0+242.0, LT. (INDUSTRIAL PARK RD.)
STA. 0+306.3, RT. (FAIRFAX ST.)

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 0+242.0, LT. (INDUSTRIAL PARK RD.)
STA. 0+306.3, RT. (FAIRFAX ST.)

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 0+242.0, LT. - "STOP"
STA. 0+306.3, RT. - "STOP"

REMOVING SIGNS
AS SHOWN - 2

ADJUST ELEVATION OF VALVE BOX
~~STA. 0+242.0, LT. - WSO'S (2)~~
STA. 0+244.0, LT. - WSO
STA. 0+307.0, ℄ - WSO

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 0+201.5, LT. & RT. - DI'S
STA. 0+292.0, LT. & RT. - DI'S
STA. 0+321.5, RT. - DI

CHANGING ELEVATION OF SMH'S
STA. 0+304.5, LT.
STA. 0+310.5, LT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 0+304.5, RT. - MH

STEEL BEAM GUARD RAIL
STA. 0+226.0 TO 0+236.0, LT.
STA 0+242.0, LT. (BOTH SIDES OF ISLAND)
STA. 0+250.0 TO 0+255.0, LT.

~~ANCHOR FOR STEEL BEAM RAIL~~
~~STA. 0+226.0, LT.~~
~~STA 0+242.0, LT (ALL 4 ENDS)~~
~~STA. 0+255.0, LT.~~

REMOVAL AND DISPOSAL OF GUARD RAIL
STA. 0+226.0 TO 0+236.0, LT.
STA 0+242.0, LT. (BOTH SIDES OF ISLAND)
STA. 0+250.0 TO 0+255.0, LT.

0+240.5, LT. WRONG WAY RET
0+233.0, LT. STOP R
0+231.3, LT. STOP N
0+244.5, LT. ONE WAY RET
INDUSTRIAL PARK RD.
STA. 0+242.0 = MM 0.150
(10.8 M WIDE)

STA. 0+226.0 TO 0+236.0, LT.
REMOVE AND DISPOSE
OF GUARD RAIL

STA. 0+242.0, LT.
REMOVE AND DISPOSE
OF GUARD RAIL
INSTALL NEW STEEL BEAM RAIL

STA. 0+226.0 TO 0+236.0, LT.
INSTALL NEW STEEL BEAM
GUARD RAIL

STA. 0+250.0 TO 0+255.0, LT.
REMOVE AND DISPOSE
OF GUARD RAIL

LIMIT OF COLD PLANING
& PAVING

STA. 0+250.0 TO 0+255.0, LT.
INSTALL NEW STEEL BEAM
GUARD RAIL

STA. 0+226.0, LT.
INSTALL NEW ANCHOR
FOR STEEL BEAM RAIL

DURABLE 100 mm YELLOW LINE

STA. 0+255.0, LT.
INSTALL NEW ANCHOR
FOR STEEL BEAM RAIL

STA. 0+225.5, LT.
CONSTRUCT TEXTURING
FOR DETAILS, SEE SHEET 7.

FLUSHING BASIN

STA. 0+165

STA. 0+325

SEE PREVIOUS SHEET

SEE NEXT SHEET

CONC. SIDEWALK

GSO

WSO

12.0 M

2.4 M

4.8 M

2.7 M

PAVED DR.

SOUTH MAIN ST.

U.S. ROUTE 7

SOUTHBOUND

NORTHBOUND

TO MILTON

TO SWANTON

0+200

0+300

SMH

MH

STA. 0+258.0, LT.
CONSTRUCT TEXTURING
FOR DETAILS, SEE SHEET 7.

MATCHLINE

DURABLE 100 mm WHITE LINE

DURABLE 100 mm YELLOW LINE

0+242.0, LT. SOUTH MAIN ST RET / INDUSTRIAL PARK RD RET / RET

0+242.1, LT. N / N / N

STA. 0+300.4, RT.
CONSTRUCT SIDEWALK
RAMP, TYPE I

LIMIT OF COLD PLANING
& PAVING

FAIRFAX ST.
STA. 0+306.3 = MM 0.190
(8.3 M WIDE)

0+315.7, RT. S. MAIN ST RET / RET / FAIRFAX ST RET

STA. 0+313.0, RT.
CONSTRUCT SIDEWALK
RAMP, TYPE I

0+312.3, RT. STOP R

0+312.3, RT. STOP N

⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
8	0+206.0, LT.	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 STANDARD E-193M.

LAYOUT SHEET #2

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p02.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 20 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 0+325.0 TO 0+485.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+325.0 TO 0+485.0, SOLID LT. & RT.

ADJUST ELEVATION OF VALVE BOX
STA. 0+421.5, LT. - WSO

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 0+428.0, RT. - DI
STA. 0+431.5, LT. - DI

CHANGING ELEVATION OF SMH'S
~~STA. 0+441.0, LT.~~
STA. 0+479.0, LT.

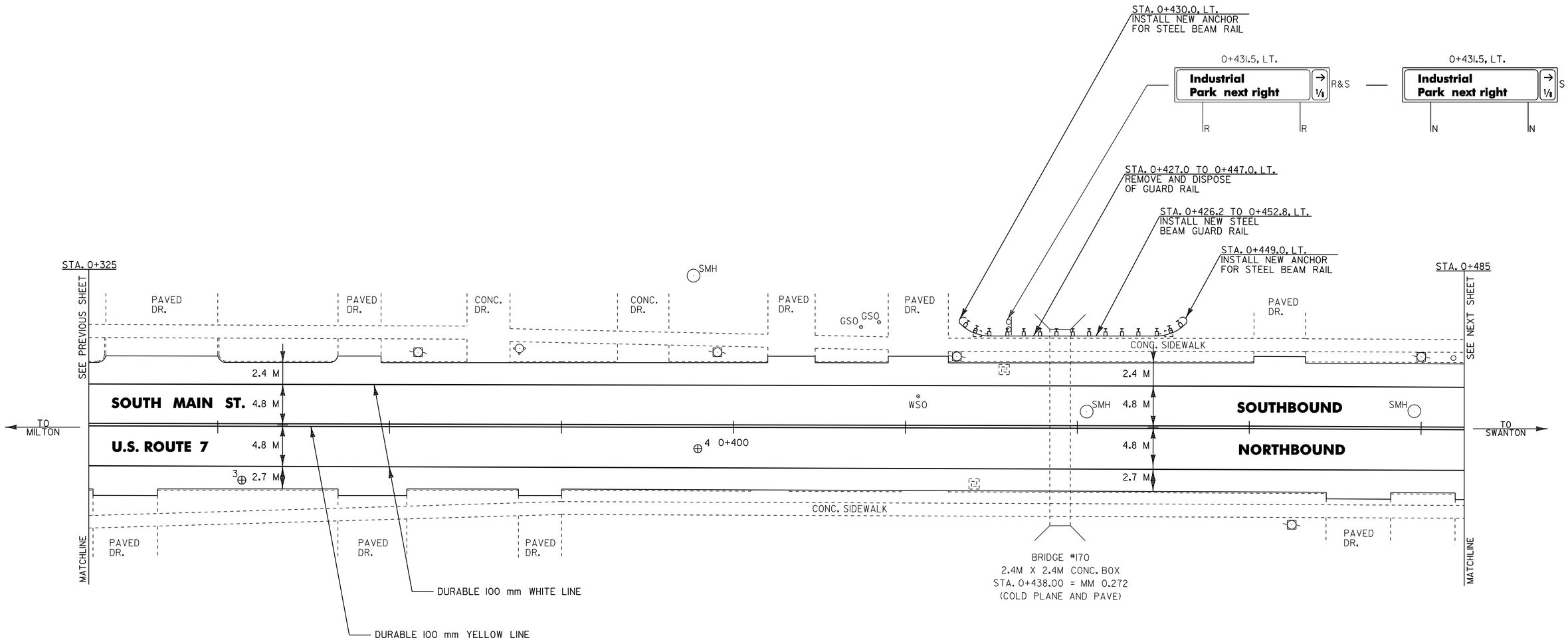
REMOVING SIGNS
AS SHOWN - I

ERECTING SALVAGED SIGNS
AS SHOWN - I

STEEL BEAM GUARD RAIL
STA. 0+426.2 TO 0+452.8, LT.

ANCHOR FOR STEEL BEAM RAIL
STA. 0+430.0, LT.
STA. 0+449.0, LT.

REMOVAL AND DISPOSAL OF GUARD RAIL
STA. 0+427.0 TO 0+447.0, LT.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
3	0+342.8, RT.	114	NO
4	0+395.9, RT.	108	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 STANDARD E-193M.

LAYOUT SHEET #3

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p03.I
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 21 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 0+485.0 TO 0+640.0, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR FREEBORN ST.)
STA. 0+532.0, RT. (FREEBORN ST. EDGELINES)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+485.0 TO 0+640.0, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR FREEBORN ST.)
STA. 0+532.0, DOUBLE SOLID RT. (FREEBORN ST.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 0+532.0, RT. (FREEBORN ST.)

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 0+532.0, RT. (FREEBORN ST.)

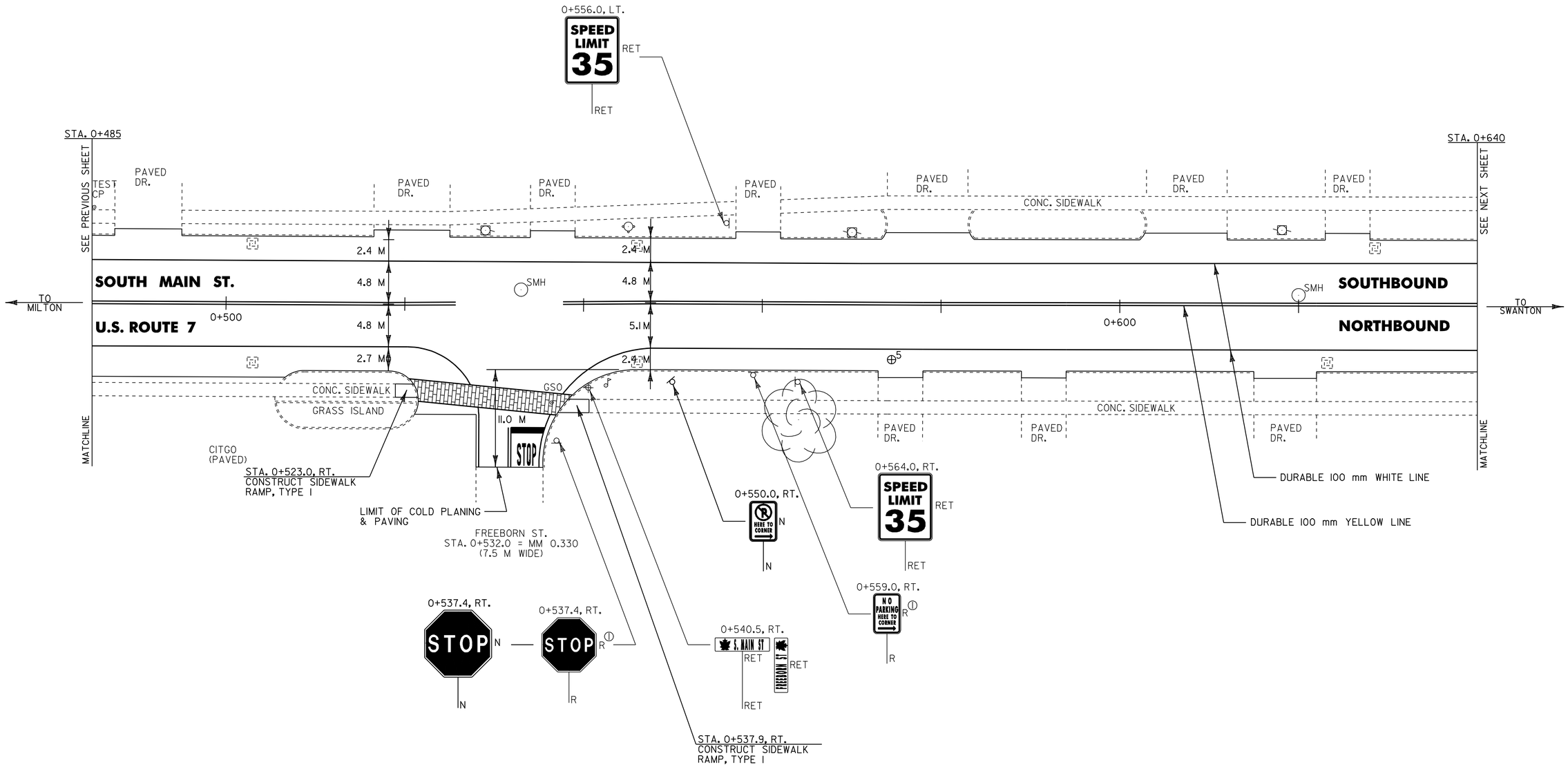
~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 0+532.0, RT. - "STOP"

REMOVING SIGNS
AS SHOWN - 2

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 0+503.0, ~~LT.~~ & RT. - DI'S
STA. 0+546.0, LT. & RT. - DI'S
STA. 0+623.1, RT. - DI
STA. 0+628.0, LT. - DI
STA. 0+503, CL

CHANGING ELEVATION OF SMH'S
STA. 0+533.0, LT.
STA. 0+620.0, LT.

CHANGING ELEV OF DI'S
STA. 0+503, LT.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
5	0+574.5, RT.	191	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 STANDARD E-193M.

LAYOUT SHEET #4

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p04.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 22 OF 105

~~TEMPORARY & DURABLE 100 mm WHITE LINE~~
STA. 0+640.0 TO 0+805.0, SOLID LT. & RT.
STA. 0+720.0 TO 0+766.5, DOTTED RT.
STA. 0+766.5 TO 0+805.0, SOLID RT. (LANE LINE)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+640.0 TO 0+805.0, SOLID LT. & RT.

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
702 STA. 0+~~687.0,~~ RT. - "SCHOOL"
768 STA. 0+~~767.7,~~ RT. - "ONLY"
772 STA. 0+~~771.3,~~ RT. - "↱"

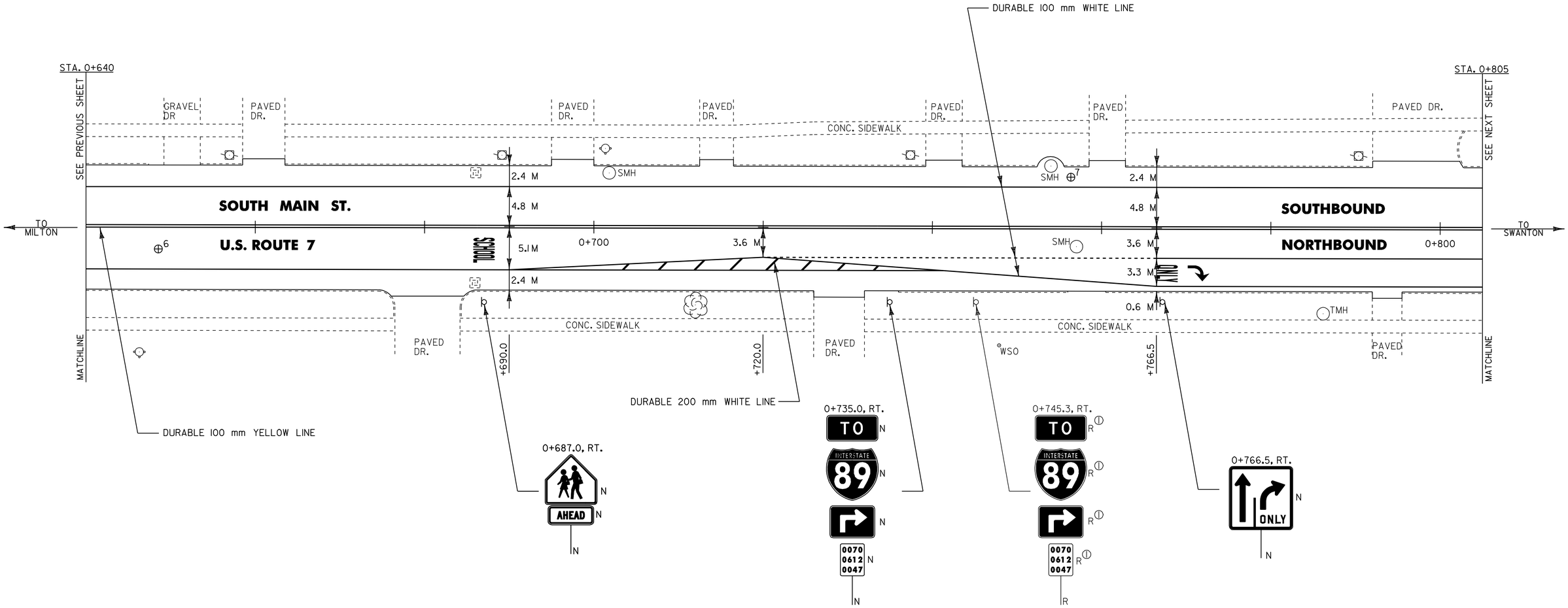
~~TEMPORARY LETTER OR SYMBOL~~
~~STA. 0+687.0, RT. - "SCHOOL"~~
~~STA. 0+771.3, RT. - "↱"~~

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 0+686.0, ~~LT.~~ & RT. - DI'S

CHANGING ELEVATION OF SMH'S
STA. 0+701.8, LT.
STA. 0+754.0, LT.
~~STA. 0+757.0, RT.~~

TEMPORARY & DURABLE 200 mm WHITE LINE
STA. 0+690.0 TO 0+740.0, SOLID RT. (DIAGONALS)

REMOVING SIGNS
AS SHOWN - 4



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
6	0+648.6, RT.	178	NO
7	0+756.4, LT.	152	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 STANDARD E-193M.

LAYOUT SHEET #5

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p05.i
PLOT DATE: 01-FEB-2006 07:
DRAWN BY: D-H
CHECKED BY:
SHEET 23 OF 105

NOTE: FOR NEW SIGNS AND ALL CONSTRUCTION NOTES, SEE NEXT SHEET.

REMOVING SIGNS
AS SHOWN - 16

REMOVAL AND DISPOSAL OF GUARD RAIL
STA. 0+847.0 TO 0+873.5, LT.
STA. 0+881.5 TO 0+905.5, LT.
STA. 0+908.0 TO 0+915.5, RT.
STA. 0+917.5 TO 0+929.0, LT.

VAOT Metric

0+894.5, LT.
SOUTH NORTH R&S(2)
7 7 R&S(2)
R&S
R

STA. 0+847.0 TO 0+873.5, LT.
REMOVE AND DISPOSE OF GUARD RAIL

0+911.5, (OVERHEAD SIGN)
TO INTERSTATE 89
Burlington
Canada
RET

0+849.5, LT.
SPEED LIMIT 35 R&S
R

0+911.5, (OVERHEAD SIGN)
7
Burlington
RET

STA. 0+917.5 TO 0+929.0, LT.
REMOVE AND DISPOSE OF GUARD RAIL

0+928.5, LT.
TO 104 R Ⓘ
R

0+947.0, LT.
ONLY R Ⓘ
R

STA. 0+881.5 TO 0+905.5, LT.
REMOVE AND DISPOSE OF GUARD RAIL

DURABLE 100 mm YELLOW LINE
DURABLE 100 mm WHITE LINE
DURABLE 200 mm YELLOW LINE

STA. 0+805
SEE PREVIOUS SHEET
+833.0
+864.0
+901.0
PAVED DR.
GRAVEL DR.
CONC. SIDEWALK
0.6 M
2.4 M
4.8 M
3.6 M
3.3 M
SOUTH MAIN ST.
U.S. ROUTE 7
10 M RAD
1 M RAD
17 M RAD
21 M RAD
SMH
WSO
TO MILTON
TO SWANTON
0+900
SOUTHBOUND
NORTHBOUND
ONLY
PAVED LOT
STA. 0+965
SEE NEXT SHEET
+930.0
+960.0
MATCHLINE

LIMIT OF COLD PLANING & PAVING UNDER STP 9804(I)S

ST. ALBANS ST. HWY.
STA. 0+891.2 = MM 0.554
(FOR DETAILS, SEE STP 2204(I)S)

0+825.0, RT.
NO PARKING HERE TO CORNER R Ⓘ
R

0+862.0, RT.
TO R Ⓘ
INTERSTATE 89 R Ⓘ
R Ⓘ
R

0+943.6, RT.
NO PARKING ANY TIME R Ⓘ
R

ST. ALBANS STATE HWY.
FOR DETAILS,
SEE SHEETS 90 TO 105

STA. 0+908.0 TO 0+915.5, RT.
REMOVE AND DISPOSE OF GUARD RAIL

0+928.5, RT.
RET(SIGNAL)
SCHOOL RET
SPEED LIMIT 25 RET
WHEN FLASHING RET
RET(SIGNAL)
RET

0+940.0, RT.
ST. ALBANS RET
SWANTON 8 RET
NORTH RET
7 RET
SPEED LIMIT 35 R&S
RET
Travel Information RET
RET

0+911.5, (OVERHEAD SIGN)
7
St. Albans
RET

0+911.5, (OVERHEAD SIGN)
TO INTERSTATE 89
RET

BUILT AS DESIGNED

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.

Dufresne-Henry

PROJECT LAYOUT #6A EXISTING SIGNS AND GUARD RAIL

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p6g.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 24 OF 105

VAOT Metric

~~TEMPORARY~~ & DURABLE 100 mm WHITE LINE
STA. 0+805.0 TO 0+965.0, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR ST. ALBANS STATE. HWY.)
STA. 0+805.0 TO 0+884.0, SOLID RT. (LANE LINE)
STA. 0+890.5 TO 0+965.0, SOLID LT. (LANE LINE)
STA. 0+930.0 TO 0+960.0, DOTTED RT.
STA. 0+960.0 TO 0+965.0, SOLID RT. (LANE LINE)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+805.0 TO 0+833.0, SOLID LT. & RT.
STA. 0+833.0 TO 0+880.0, DOUBLE SOLID LT. & RT.
STA. 0+901.0 TO 0+960.0, DOUBLE SOLID LT. & RT.
STA. 0+960.0 TO 0+965.0, SOLID LT. & RT.

~~TEMPORARY &~~ DURABLE 200 mm YELLOW LINE
STA. 0+833.0 TO 0+880.0, SOLID LT. (DIAGONALS)
STA. 0+901.0 TO 0+960.0, SOLID RT. (DIAGONALS)

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
0+818 STA. 0+~~816.2~~, RT. - "ONLY"
0+821 STA. 0+~~819.8~~, RT. - "↱"
0+867 STA. 0+~~865.2~~, RT. - "ONLY"
0+870 STA. 0+~~868.8~~, RT. - "↱"
0+907 STA. 0+~~902.2~~, LT. - "↰"
0+912 STA. 0+~~905.8~~, LT. - "ONLY"
0+937 STA. 0+~~933.2~~, LT. - "↰"
0+940 STA. 0+~~936.8~~, LT. - "ONLY"
0+966 STA. 0+~~961.2~~, RT. - "ONLY"
0+970 STA. 0+~~964.8~~, RT. - "↰"

TEMPORARY LETTER OR SYMBOL
0+820 STA. 0+~~819.8~~, RT. - "↱"
0+865 STA. 0+~~868.8~~, RT. - "↱"
0+900 STA. 0+~~902.2~~, LT. - "↰"
0+940 STA. 0+933.2, LT. - "↰"
~~STA. 0+964.8, RT. - "↰"~~
STA. 0+960, LT. & RT. - "↰"

ERECTING SALVAGED SIGNS
AS SHOWN - 7

ADJUST ELEVATION OF VALVE BOX
~~STA. 0+860.0, RT. - WSO~~

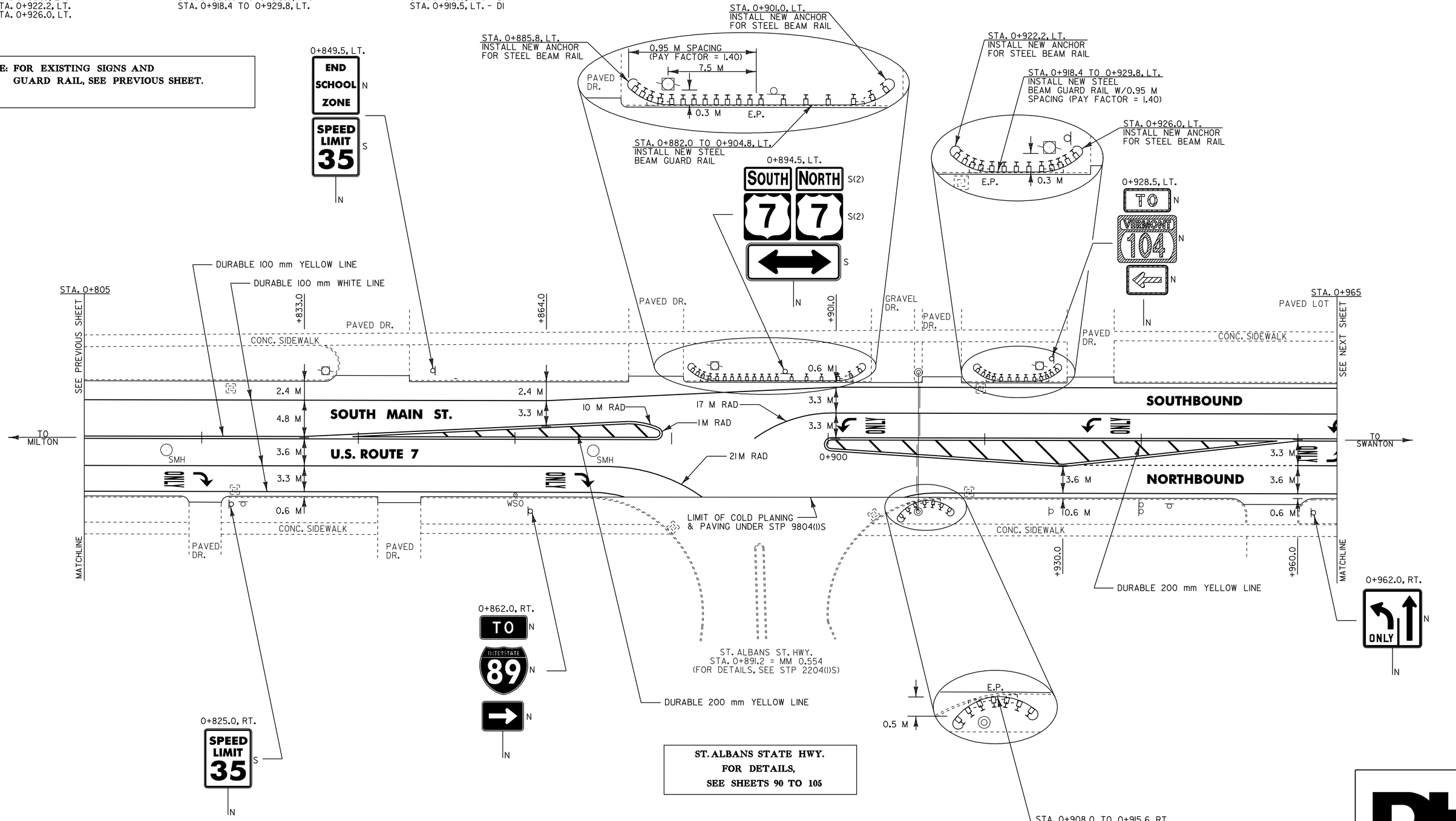
CHANGING ELEVATION OF SMH'S
STA. 0+815.5, RT.
STA. 0+870.0, RT.

ANCHOR FOR STEEL BEAM RAIL
STA. 0+885.8, LT.
STA. 0+901.0, LT.
STA. 0+922.2, LT.
STA. 0+926.0, LT.

STEEL BEAM GUARD RAIL
STA. 0+882.0 TO 0+904.8, LT.
STA. 0+908.0 TO 0+915.6, RT.
STA. 0+918.4 TO 0+929.8, LT.

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 0+824.0, LT. & RT. - DI'S
STA. 0+918.0, RT. - DI
STA. 0+919.5, LT. - DI

NOTE: FOR EXISTING SIGNS AND GUARD RAIL, SEE PREVIOUS SHEET.



**ST. ALBANS STATE HWY.
FOR DETAILS,
SEE SHEETS 90 TO 105**

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.

Dufresne-Henry

PROJECT LAYOUT #6B PROPOSED SIGNS AND GUARD RAIL

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p6b.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 25 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 0+965.0 TO 1+120.0, SOLID LT.
(PARKING SPACES & DIAGONALS)
STA. 0+965.0 TO 1+120.0, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR NASON ST.
& LOCKE TERR.)
STA. 0+983.0, SOLID LT. (NASON ST. EDGELINES)
STA. 0+965.0 TO 0+970.0, SOLID LT. (LANE LINE)
STA. 0+965.0 TO 0+983.0, SOLID RT. (LANE LINE)
STA. 0+993.0 TO 1+060.0, SOLID LT. (LANE LINE)
STA. 1+060.0 TO 1+100.0, DOTTED LT.
STA. 1+104.9, SOLID LT. (LOCKE TERR. EDGELINES)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 0+965.0 TO 1+120.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR NASON ST.,
LOCKE TERR. & CROSSWALK)
STA. 0+983.0, DOUBLE SOLID LT. (NASON ST.)
STA. 1+104.9, DOUBLE SOLID LT. (LOCKE TERR.)

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
0+966 STA. 0+~~965.2~~, LT. - '↰'
0+970 STA. 0+~~968.8~~, LT. - 'ONLY'
STA. 0+983.0, LT. - 'STOP'
1+005 STA. 1+~~001.2~~, RT. - '↰'
1+007 STA. 1+~~004.8~~, RT. - 'ONLY'
1+060 STA. 1+~~055.2~~, RT. - '↰'
1+063 STA. 1+~~058.8~~, RT. - 'ONLY'
STA. 1+104.9, LT. - 'STOP'

~~TEMPORARY LETTER OR SYMBOL~~
~~STA. 0+965.2, LT. - '↰'~~
~~STA. 0+983.0, LT. - 'STOP'~~
~~STA. 1+001.2, RT. - '↰'~~
~~STA. 1+055.2, RT. - '↰'~~
~~STA. 1+104.9, LT. - 'STOP'~~

REMOVING SIGNS
AS SHOWN - 16

ERECTING SALVAGED SIGNS
AS SHOWN - 4

CHANGING ELEVATION OF SMH'S
STA. 1+028.0, LT.

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 1+013.5, LT. & RT. - DI'S
STA. 1+090.0, LT. & RT. - DI'S

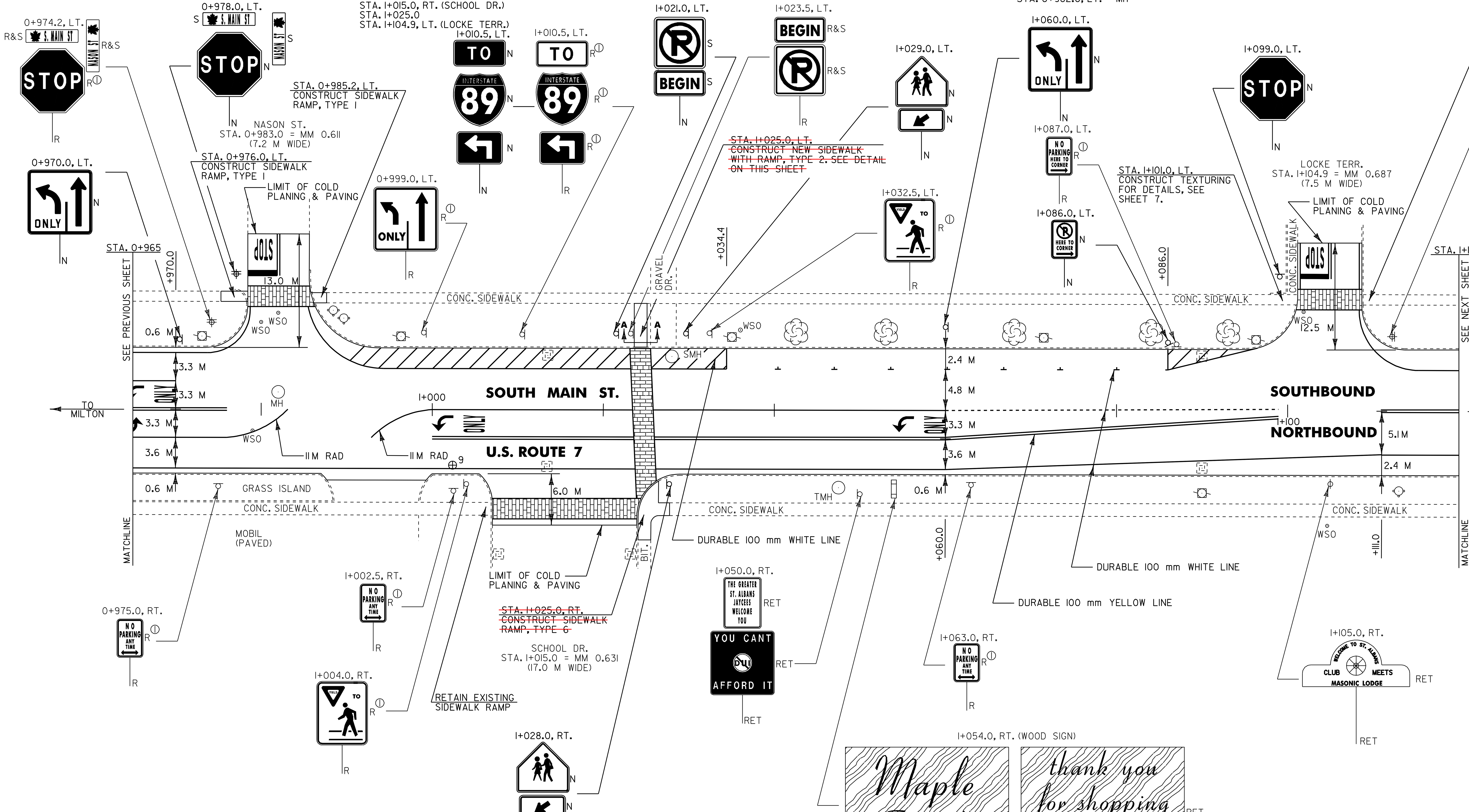
ADJUST ELEVATION OF VALVE BOX
~~STA. 0+979.0, RT. - WSO~~
STA. 0+980.0, LT. - WSO
STA. 0+982.0, LT. - WSO
STA. 1+102.0, LT. - WSO

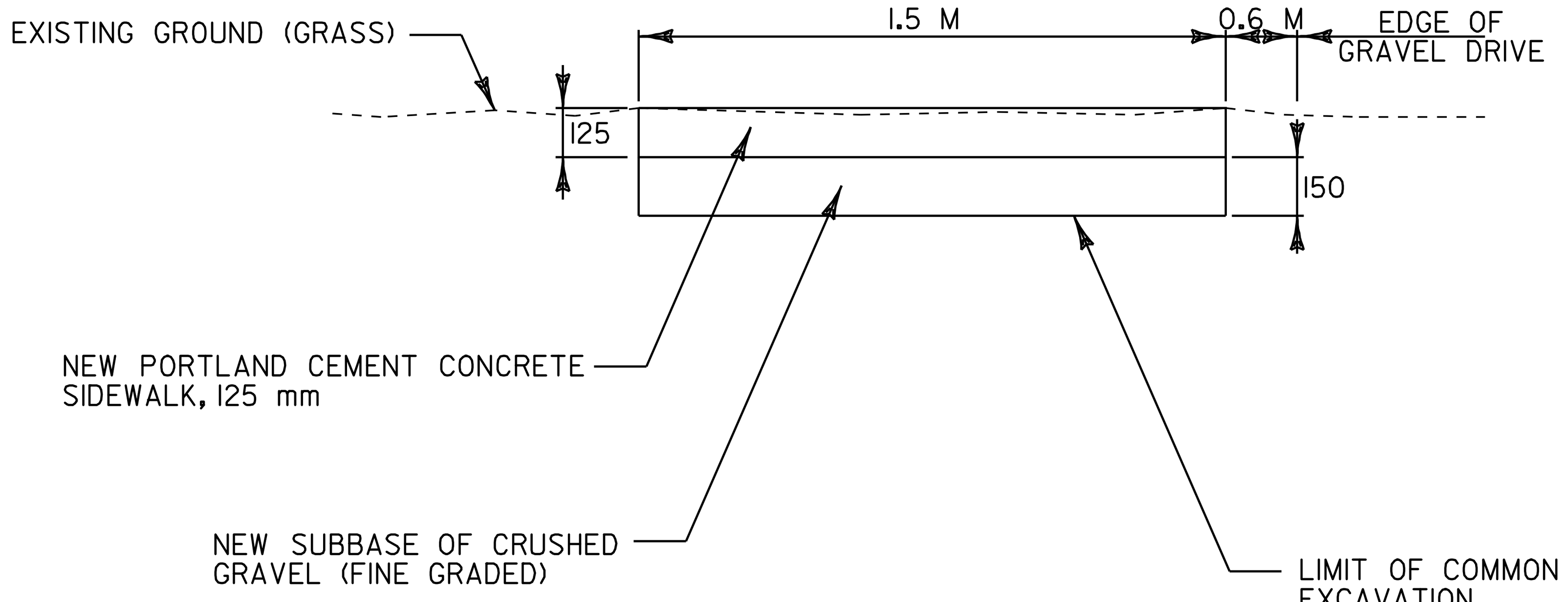
~~PAINTED CURB~~
~~IN NO PARKING AREAS AS~~
~~DIRECTED BY RESIDENT ENGINEER~~

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 0+983.0, LT. (NASON ST.)
STA. 1+015.0, RT. (SCHOOL DR.)
STA. 1+025.0
STA. 1+104.9, LT. (LOCKE TERR.)

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 0+983.0, LT. (NASON ST.)
STA. 1+104.9, LT. (LOCKE TERR.)

~~CHANGING ELEVATION OF DI'S, CB'S OR MH'S~~
~~STA. 0+982.0, LT. - MH~~





SECTION A-A
SIDEWALK CONSTRUCTION DETAIL
STA. 1+025.0, LT.

⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
9	1+102.4, RT.	152	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 STANDARD E-193M.

VAOT Metric

Dufresne-Henry

LAYOUT SHEET #7

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(1)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p07.I
PLOT DATE: 01-FEB-2006
DRAWN BY: D-H
CHECKED BY:
SHEET 26 OF 105

VTrans Metric

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 1+240.0 TO 1+260.0, RT. (PARKING SPACES & DIAGONALS)
STA. 1+120.0 TO 1+260.0, SOLID LT. & RT. (WITH EDGELINE BREAKS FOR CROSSWALK & GILMAN AVE.)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 1+120.0 TO 1+260.0, SOLID LT. & RT. (WITH CENTERLINE BREAKS FOR CROSSWALK & GILMAN AVE.)
STA. 1+236.0, DOUBLE SOLID RT. (GILMAN AVE.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 1+229.0
STA. 1+236.0, RT. (GILMAN AVE.)

REMOVING SIGNS
AS SHOWN - 7

ERECTING SALVAGED SIGNS
AS SHOWN - 2

ADJUST ELEVATION OF VALVE BOX
STA. 1+146.5, RT. - WSO
STA. 1+148.0, RT. - WSO
STA. 1+149.0, RT. - WSO
~~STA. 1+181.0, RT. - WSO~~
STA. 1+182.0, RT. - WSO (2)
STA. 1+183.0, RT. - WSO
~~STA. 1+233.0, RT. - WSO~~

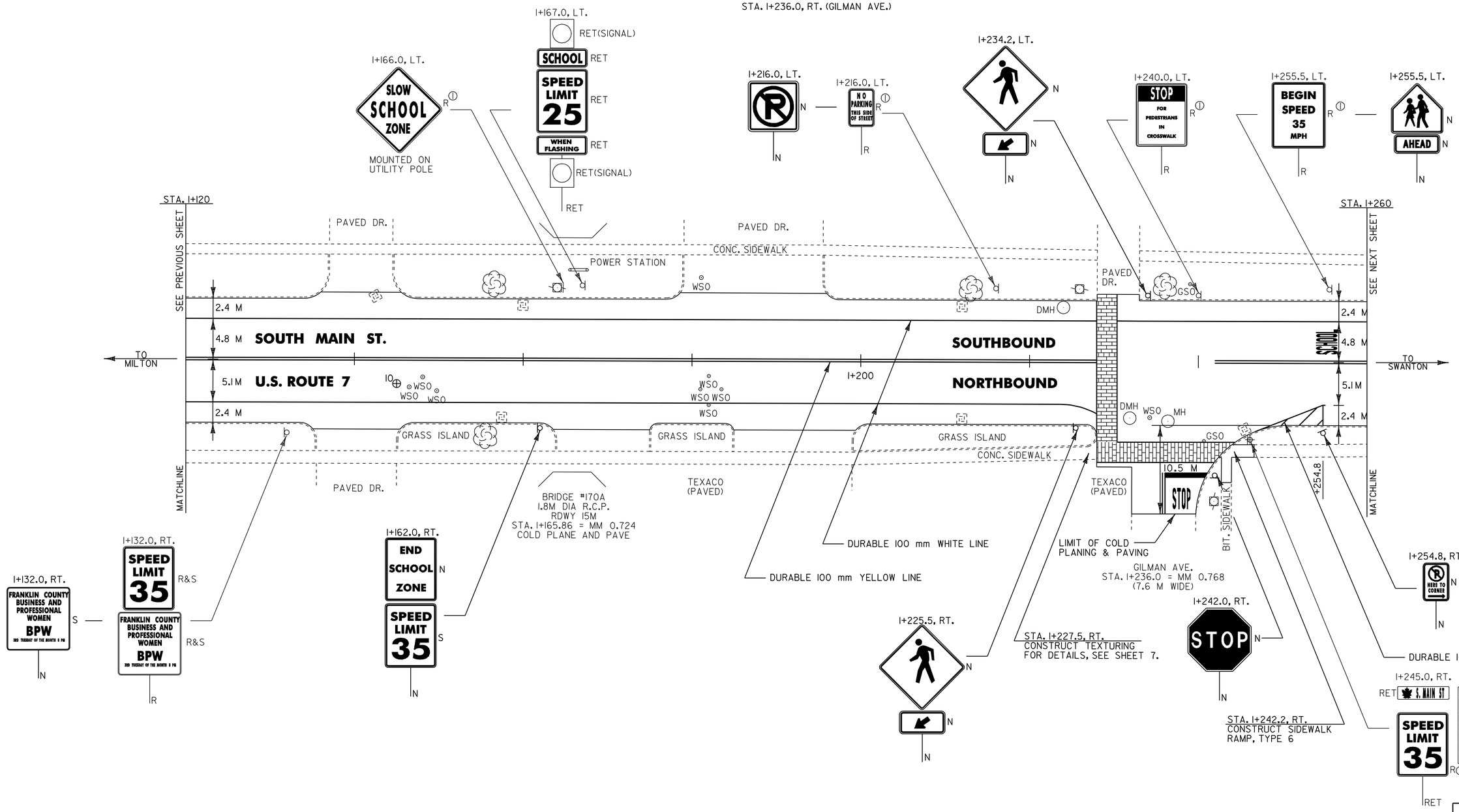
REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 1+142.5, LT. - DI
STA. 1+157.5, RT. - DI
STA. 1+160.0, LT. - DI
STA. 1+212.0, LT. & RT. - DI'S
STA. 1+242.0, RT. - DI

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 1+224.0, LT. - MH
STA. 1+231.0, RT. - DRAIN MH
STA. 1+235.0, RT. - MH

~~PAINTED CURB IN NO PARKING AREAS AS DIRECTED BY RESIDENT ENGINEER~~

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 1+236.0, RT. - 'STOP'
260 STA. 1+~~255.5~~, LT. - 'SCHOOL'

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 1+236.0, RT. (GILMAN AVE.)



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
10	1+145.9, RT.	140	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 STANDARD E-193M.

Dufresne-Henry

LAYOUT SHEET #8

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p08.I
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 27 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 1+260.0 TO 1+420.0, LT. & RT. (PARKING SPACES & DIAGONALS WITH BREAKS FOR GILMAN ST. & DIAMOND ST.)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 1+260.0 TO 1+420.0, SOLID LT. & RT. (WITH CENTERLINE BREAKS FOR GILMAN ST. & DIAMOND ST.)
STA. 1+276.0, DOUBLE SOLID LT. (GILMAN ST.)
STA. 1+370.1, DOUBLE SOLID RT. (DIAMOND ST.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 1+276.0, LT. (GILMAN ST.)
STA. 1+370.1, RT. (DIAMOND ST.)

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 1+275.5, LT. - "STOP"
~~STA. 1+296.5, LT. - "♿"~~
STA. 1+370.1, RT. - "STOP"

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 1+276.0, LT. (GILMAN ST.)
STA. 1+370.1, RT. (DIAMOND ST.)

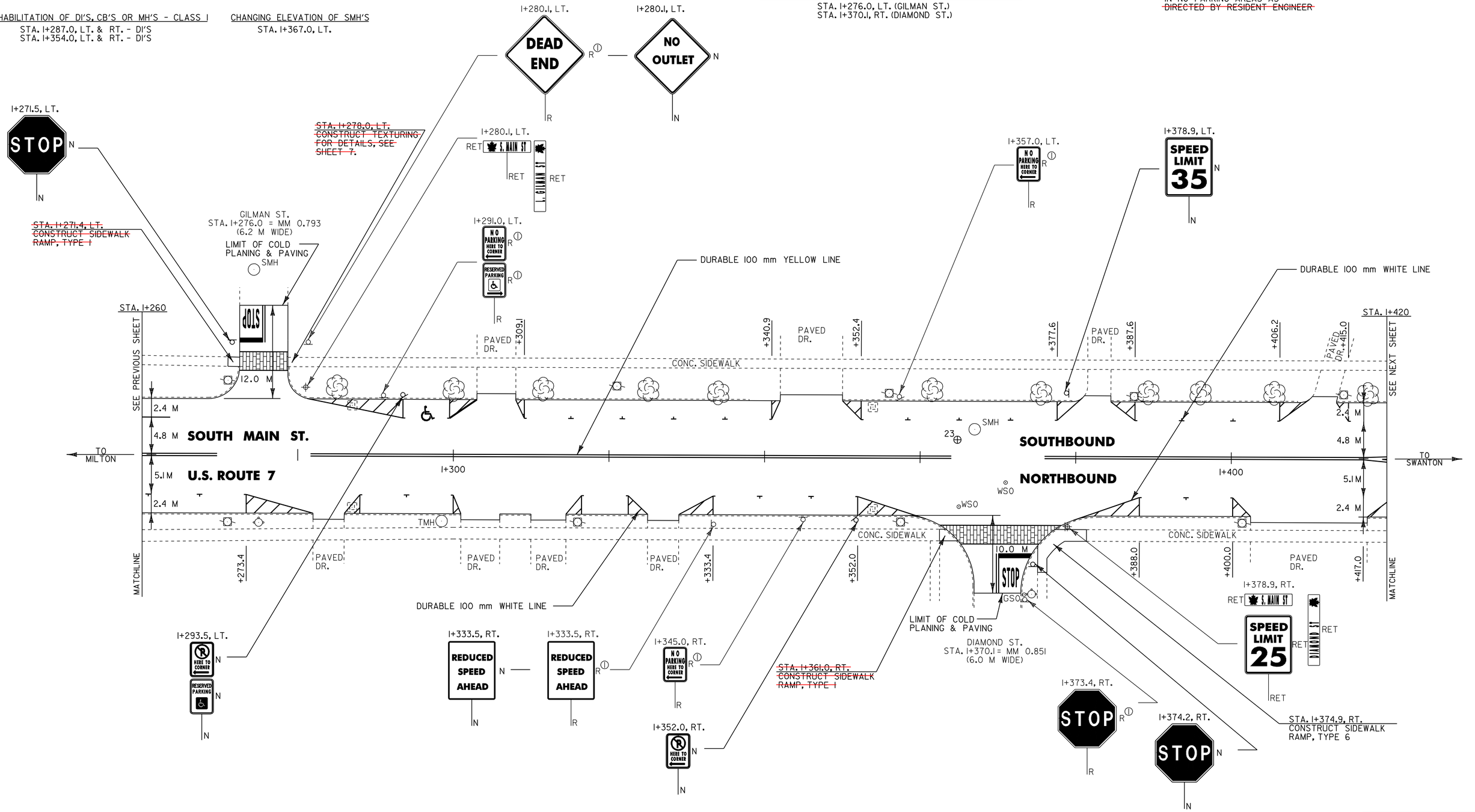
REMOVING SIGNS
AS SHOWN - 7

ADJUST ELEVATION OF VALVE BOX
STA. 1+365.0, RT. - WSO
STA. 1+~~370.0~~ 270.0, RT. - WSO

~~PAINTED CURB~~
~~IN NO PARKING AREAS AS DIRECTED BY RESIDENT ENGINEER~~

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 1+287.0, LT. & RT. - DI'S
STA. 1+354.0, LT. & RT. - DI'S

CHANGING ELEVATION OF SMH'S
STA. 1+367.0, LT.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
23	1+364.7, LT.	165	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 STANDARD E-193M.

LAYOUT SHEET #9

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p09.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 28 OF 105

VAOT Metric

~~TEMPORARY & DURABLE 100 mm WHITE LINE~~
STA. I+420.0 TO I+590.0, SOLID LT. & RT. (PARKING SPACES & DIAGONALS WITH EDGELINE BREAKS FOR NEW ST., LOWER WELDEN ST. & UPPER WELDEN ST.)
STA. I+433.0 TO I+482.0, DOTTED RT.
STA. I+482.0 TO I+520.0, SOLID RT. (LANE LINE)
STA. I+540.0 TO I+570.0, SOLID LT. (LANE LINE)
STA. I+536.2, SOLID LT. (LANE LINE FOR LOWER WELDEN ST.)
STA. I+570.0 TO I+590.0, DOTTED LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. I+420.0 TO I+482.0, DOUBLE SOLID LT. & RT. (WITH CENTERLINE BREAK FOR NEW ST.)
STA. I+482.0 TO I+570.0, SOLID LT. & RT. (WITH CENTERLINE BREAK FOR LOWER WELDEN ST. & UPPER WELDEN ST.)
STA. I+527.1, DOUBLE SOLID RT. (UPPER WELDEN ST.)
STA. I+536.2, DOUBLE SOLID LT. (LOWER WELDEN ST.)
STA. I+570.0 TO I+590, DOUBLE SOLID LT. & RT.

~~TEMPORARY & DURABLE 200 mm YELLOW LINE~~
STA. I+420.0 TO I+482.0, SOLID LT. & RT. (DIAGONALS) (WITH CENTERLINE BREAK FOR NEW ST.)
STA. I+570.0 TO I+590, SOLID LT. & RT. (DIAGONALS)

~~PAINTED CURB~~
~~IN NO PARKING AREAS AS DIRECTED BY RESIDENT ENGINEER~~

DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. I+~~483.2~~, RT. - "ONLY" 487.0
STA. I+~~484.0~~, RT. - " " 488.0
STA. I+~~486.8~~, RT. - " " 491.0 CL
STA. I+~~505.7~~, RT. - "ONLY" 511.0
STA. I+~~508.5~~, RT. - " " 514.0
STA. I+~~509.3~~, RT. - " " 515.0 LT.
STA. I+536.2, LT. - "ONLY" (LOWER WELDEN ST.)
STA. I+536.2, RT. - " " (LOWER WELDEN ST.)
STA. I+536.2, RT. - " " (LOWER WELDEN ST.)
STA. I+~~565.2, LT.~~ - " " 569.0 RT.
STA. I+~~568.0, LT.~~ - " " 573.0 RT.
STA. I+~~568.8~~, LT. - "ONLY" 573.0 LT.

~~TEMPORARY LETTER OR SYMBOL~~
~~STA. I+484.0, RT. - " "~~
~~STA. I+486.8, RT. - " "~~
~~STA. I+508.5, RT. - " "~~
~~STA. I+509.3, RT. - " "~~
~~STA. I+536.2, RT. - " "~~ (LOWER WELDEN ST.)
~~STA. I+536.2, RT. - " "~~ (LOWER WELDEN ST.)
~~STA. I+565.2, LT. - " "~~
~~STA. I+568.0, LT. - " "~~

REMOVING SIGNS
AS SHOWN - 10

CHANGING ELEVATION OF SMH'S
STA. I+529.0, LT.
STA. I+536.0, LT.

ADJUST ELEVATION OF VALVE BOX
STA. I+523.0, RT. - WSO
STA. I+538.0, LT. - WSO
STA. I+480.0, RT. - WSO

ERECTING SALVAGED SIGNS
AS SHOWN - 1

~~TEMPORARY & DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)~~
STA. I+444.8, LT. (NEW ST.)
STA. I+527.1, RT. (UPPER WELDEN ST.)
STA. I+536.2, LT. (LOWER WELDEN ST.)
STA. I+540.0

~~TEMPORARY & DURABLE 600 mm STOP BAR (TYPE ITAPE)~~
~~STA. I+512.0, RT.~~
STA. I+527.1, RT. (UPPER WELDEN ST.)
STA. I+536.2, LT. (LOWER WELDEN ST.)
~~STA. I+554.4, LT.~~

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. I+525.0, RT. - DI~~
~~STA. I+529.0, RT. - DI~~
STA. I+547.0, LT. - DRAIN MH

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. I+444.0, RT. - DI
STA. I+448.0, LT. - DI
STA. I+511.5, LT. & RT. - DI'S
STA. I+548.0, RT. - DI
STA. I+525, RT. - DI
STA. I+529, RT. - DI

STA. I+444.7, LT.
CONSTRUCT SIDEWALK RAMP, TYPE I

STA. I+437.0, LT.
CONSTRUCT SIDEWALK RAMP, TYPE I

STA. I+524.3, LT.
CONSTRUCT TEXTURING FOR DETAILS, SEE SHEET 7.

STA. I+539.8 & I+545.0, LT.
CONSTRUCT TEXTURING FOR DETAILS, SEE SHEET 7.

STA. I+586, LT.
REMOVE EXISTING POST

NEW ST.
STA. I+444.8 = MM 0.898
(3.8 M WIDE)

LOWER WELDEN ST.
STA. I+536.2 = MM 0.955
(6.4 M WIDE)

UPPER WELDEN ST.
STA. I+527.1 = MM 0.949
(5.6 M WIDE)

BRIDGE #171
2.1M X 2.1M CONC. BOX
STA. I+533.14 = MM 0.953
COLD PLANE AND PAVE

LIMIT OF COLD PLANING & PAVING

STA. I+517.5, RT.
CONSTRUCT SIDEWALK RAMP, TYPE I

STA. I+533.5, RT.
CONSTRUCT SIDEWALK RAMP, TYPE 6

DURABLE 100 mm WHITE LINE
DURABLE 100 mm YELLOW LINE
DURABLE 200 mm YELLOW LINE

MOUNTED OVERHEAD ON EXISTING STRAINWIRE

SOUTHBOUND
NORTHBOUND
SOUTH MAIN ST.
U.S. ROUTE 7
TO MILTON
TO SWANTON
SEE PREVIOUS SHEET
SEE NEXT SHEET
MATCHLINE
CONTROLLER
DRIVE
RETAINING WALL
SMH
DMH
MH
WSO
CSO
GRAVEL DR.
PAVED DR.
CONC. SIDEWALK
30 M RAD

I+425.0, LT. — NO PARKING HERE TO CORNER
I+425.0, LT. — NO PARKING HERE TO CORNER
I+436.4, LT. — RET S. MAIN ST RET
I+447.5, LT. — BETWEEN SIGNS
I+449.5, LT. — NO PARKING HERE TO CORNER
I+515.0, LT. — BETWEEN SIGNS
I+527.0, LT. — ONLY
I+544.0, LT. — RET S. MAIN ST RET N. WELDEN ST
I+538.6, LT. — LEFT TURN YIELD ON GREEN — RET
I+563.0, LT. — SPEED LIMIT 25
I+563.0, LT.
I+570.0, LT. — ONLY
I+441.0, LT. — STOP
I+429.0, RT. — BETWEEN SIGNS
I+461.0, RT. — NO PARKING BETWEEN SIGNS
I+475.0, RT.
I+480.0, RT. — ONLY
I+439.0, RT. — NO PARKING HERE TO CORNER
I+510.0, RT. — BETWEEN SIGNS
I+538.5, RT. — RET S. MAIN ST STOP FOR PEDESTRIANS IN CROSSWALK RET N. WELDEN ST
I+535.5, RT. — LEFT TURN YIELD ON GREEN — RET
I+555.5, RT. — NO PARKING HERE TO CORNER
I+565.0, RT. — HERE TO CORNER
I+580.0, LT. — NO PARKING HERE TO CORNER

⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
11	I+442.0, RT.	203	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 STANDARD E-193M.
4) FOR VEHICLE DETECTOR LOOP DETAILS SEE SHEET 9.

Dufresne-Henry

LAYOUT SHEET #10

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(11)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50pl01.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 29 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 1+590.0 TO 1+740.0, SOLID LT. & RT. (PARKING SPACES & DIAGONALS WITH EDGELINE BREAKS FOR STOWELL ST. & CROSSWALK)
STA. 1+590.0 TO 1+600.0, DOTTED LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 1+590.0 TO 1+618.6, DOUBLE SOLID LT. & RT.
STA. 1+618.6 TO 1+740.0, SOLID LT. & RT. (WITH CENTERLINE BREAKS FOR STOWELL ST. & CROSSWALK)
STA. 1+705.4, DOUBLE SOLID LT. (STOWELL ST.)

~~TEMPORARY &~~ DURABLE 200 mm YELLOW LINE
STA. 1+590.0 TO 1+618.6, SOLID LT. (DIAGONALS)

~~TEMPORARY & DURABLE LETTER OR SYMBOL (TYPE ITAPE)~~
~~STA. 1+634.0, LT. - "♿"~~
~~STA. 1+646.8, LT. - "♿"~~
~~STA. 1+705.4, LT. - "STOP"~~

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 1+705.4, LT. (STOWELL ST.)
STA. 1+721.0

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 1+603.0, LT. & RT. - DI'S
STA. 1+680.5, RT. - DI
STA. 1+726.0, RT. - DI

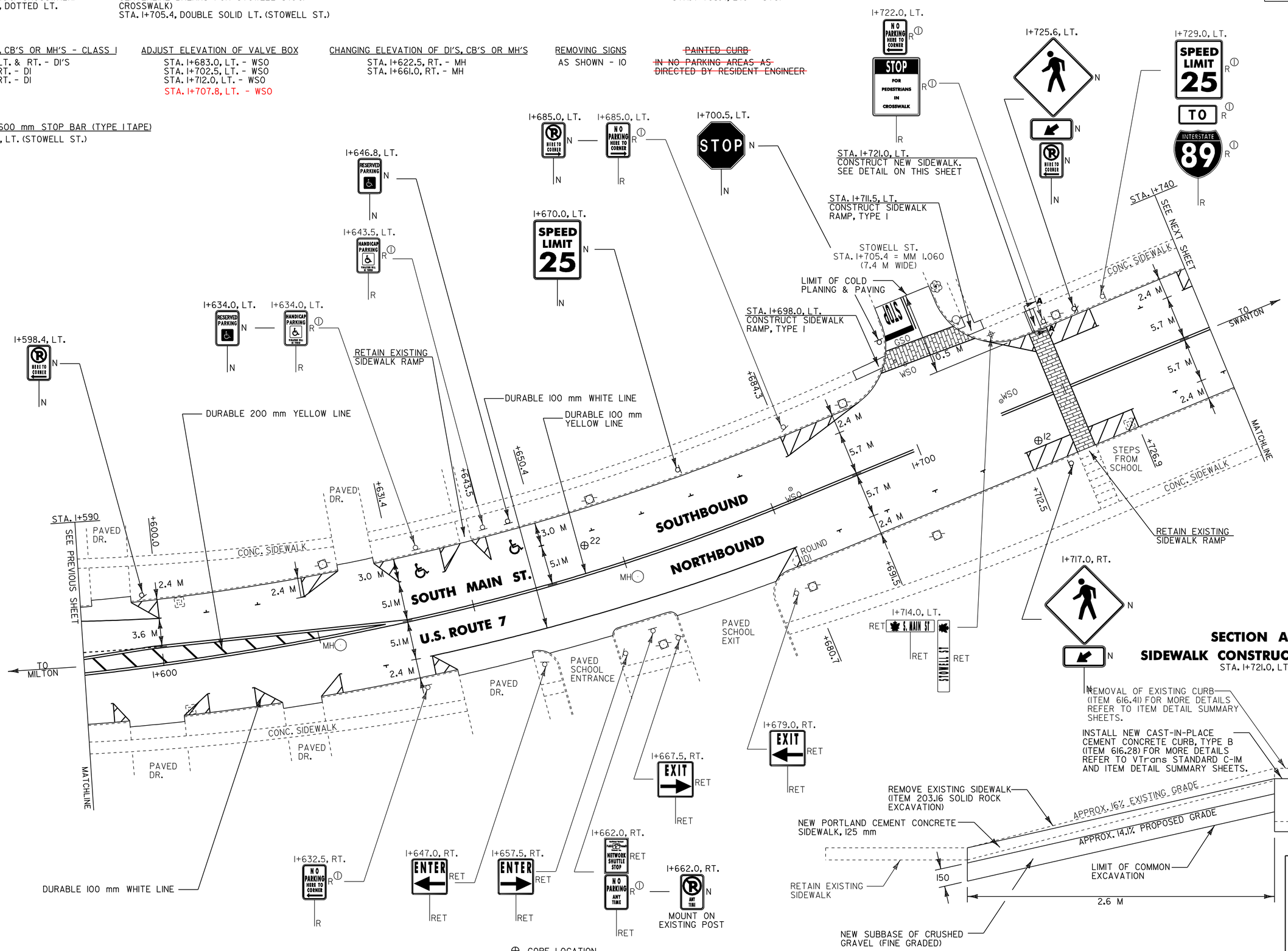
ADJUST ELEVATION OF VALVE BOX
STA. 1+683.0, LT. - WSO
STA. 1+702.5, LT. - WSO
STA. 1+712.0, LT. - WSO
STA. 1+707.8, LT. - WSO

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 1+622.5, RT. - MH
STA. 1+661.0, RT. - MH

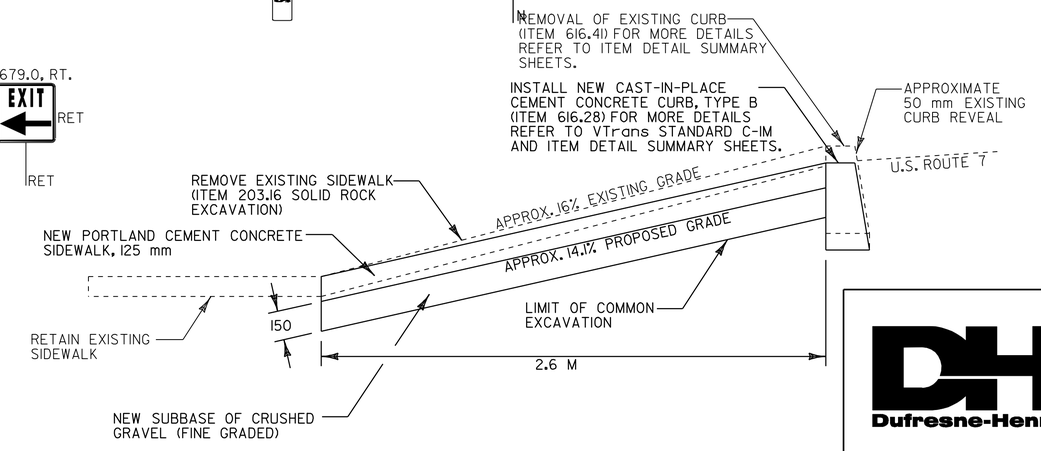
REMOVING SIGNS
AS SHOWN - 10

~~PAINTED CURB~~
~~IN NO PARKING AREAS AS DIRECTED BY RESIDENT ENGINEER~~

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 1+705.4, LT. (STOWELL ST.)



SECTION A–A
SIDEWALK CONSTRUCTION DETAIL
STA. 1+721.0, LT.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
12	1+714.0, RT.	191	NO
22	1+654.4, LT.	165	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 STANDARD E-193M.

LAYOUT SHEET #11

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl1.i
PLOT DATE: 01-FEB-2006 07:
DRAWN BY: D-H
CHECKED BY:
SHEET 30 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 1+740.0 TO 1+835.0, SOLID LT. & RT. (PARKING SPACES & DIAGONALS WITH EDGELINE BREAKS FOR CROSSWALKS & STEBBINS ST. & FERRIS ST.)
STA. 1+811.0, SOLID LT. (STEBBINS ST. EDGELINES)
STA. 1+811.0, SOLID RT. (FERRIS ST. EDGELINES)
STA. 1+825.0, DOTTED RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 1+740.0 TO 1+785.0, SOLID LT. & RT. (WITH CENTERLINE BREAK FOR CROSSWALK)
STA. 1+785.0 TO 1+835.0, DOUBLE SOLID LT. & RT. (WITH CENTERLINE BREAKS FOR STEBBINS ST., FERRIS ST. & CROSSWALK)
STA. 1+811.0, DOUBLE SOLID LT. (STEBBINS ST.)
STA. 1+811.0, DOUBLE SOLID RT. (FERRIS ST.)

~~TEMPORARY &~~ DURABLE 200 mm YELLOW LINE
STA. 1+785.0 TO 1+835.0, SOLID RT. (DIAGONALS) (WITH BREAK FOR STEBBINS ST., FERRIS ST. & CROSSWALK)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 1+758.0
STA. 1+811.0, RT. (FERRIS ST.)
STA. 1+811.0, RT. (STEBBINS ST.)
STA. 1+818.0

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 1+811.0, RT. (FERRIS ST.)
STA. 1+811.0, LT. (STEBBINS ST.)

TEMPORARY & DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 1+811.0, LT. - 'STOP'
STA. 1+811.0, RT. - 'STOP'

~~PAINTED CURB~~
~~IN NO PARKING AREAS AS DIRECTED BY RESIDENT ENGINEER~~

REMOVING SIGNS
AS SHOWN - 4

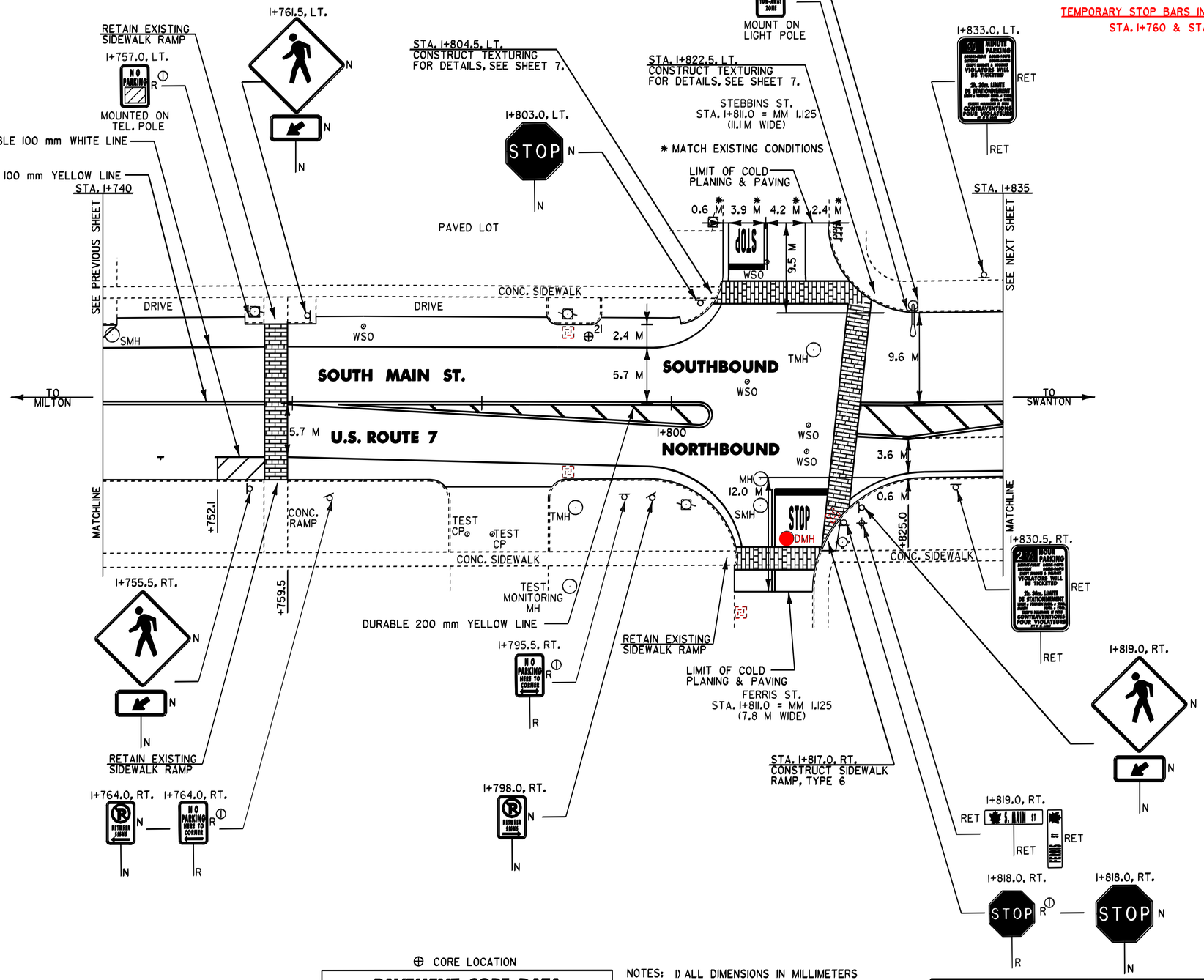
TEMPORARY STOP BARS INSTALLED (8-12-03)
STA. 1+760 & STA. 2+400

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 1+789.0, LT. & RT. - DI'S
STA. 1+816.0, RT. - DI

ADJUST ELEVATION OF VALVE BOX
~~STA. 1+767.5, LT. - WSO~~
STA. 1+808.0, LT. - WSO
STA. 1+810.5, LT. - WSO
~~STA. 1+814.5, RT. - WSO (2)~~

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 1+810.0, RT. - MH
STA. 1+812.0, RT. - DRAIN MH
STA. 1+816.0, RT - MH

CHANGING ELEVATION OF SMH'S
STA. 1+741.0, LT.
STA. 1+810.0, RT.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
21	1+791.2, LT.	140	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 STANDARD E-193M.

LAYOUT SHEET #12

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl2.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 31 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 1+835.0 TO 1+940.0, SOLID RT.
STA. 1+835.0 TO 1+855.0, DOTTED RT.
STA. 1+855.0 TO 1+940.0, SOLID RT. (LANE LINE)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 1+835.0 TO 1+855.0, DOUBLE SOLID LT. & RT.
STA. 1+855.0 TO 1+935.0, SOLID LT. & RT.

~~TEMPORARY &~~ DURABLE 200 mm YELLOW LINE
STA. 1+835.0 TO 1+~~855.0~~, SOLID RT. (DIAGONALS)
860

DURABLE LETTER OR SYMBOL (TYPE 1 TAPE)
STA. 1+~~856.2~~, RT. - 'ONLY' 860
STA. 1+~~857.0~~, RT. - ' ↱ ' 860
STA. 1+~~859.8~~, RT. - ' ↰ ↑ ↱ ' 864
STA. 1+~~892.2~~, RT. - 'ONLY' 898
STA. 1+~~895.8~~, RT. - ' ↰ ↑ ' 901
STA. 1+~~899.0~~, RT. - ' ↑ ↱ ' 905
STA. 1+~~928.7~~, RT. - 'ONLY' 931
STA. 1+~~93l.l~~, RT. - ' ↰ ↑ ' 935
STA. 1+~~940.0~~, RT. - ' ↑ ↱ ' 942

TEMPORARY LETTER OR SYMBOL
STA. 1+857.0, RT. - ' ↱ '
STA. 1+859.8, RT. - ' ↰ ↑ ↱ '
STA. 1+895.8, RT. - ' ↰ ↑ '
STA. 1+899.0, RT. - ' ↑ ↱ '
STA. 1+93l.l, RT. - ' ↰ ↑ '
STA. 1+940.0, RT. - ' ↑ ↱ '

REMOVING SIGNS
AS SHOWN - 3

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE 1 TAPE)
STA. 1+935.0, RT.

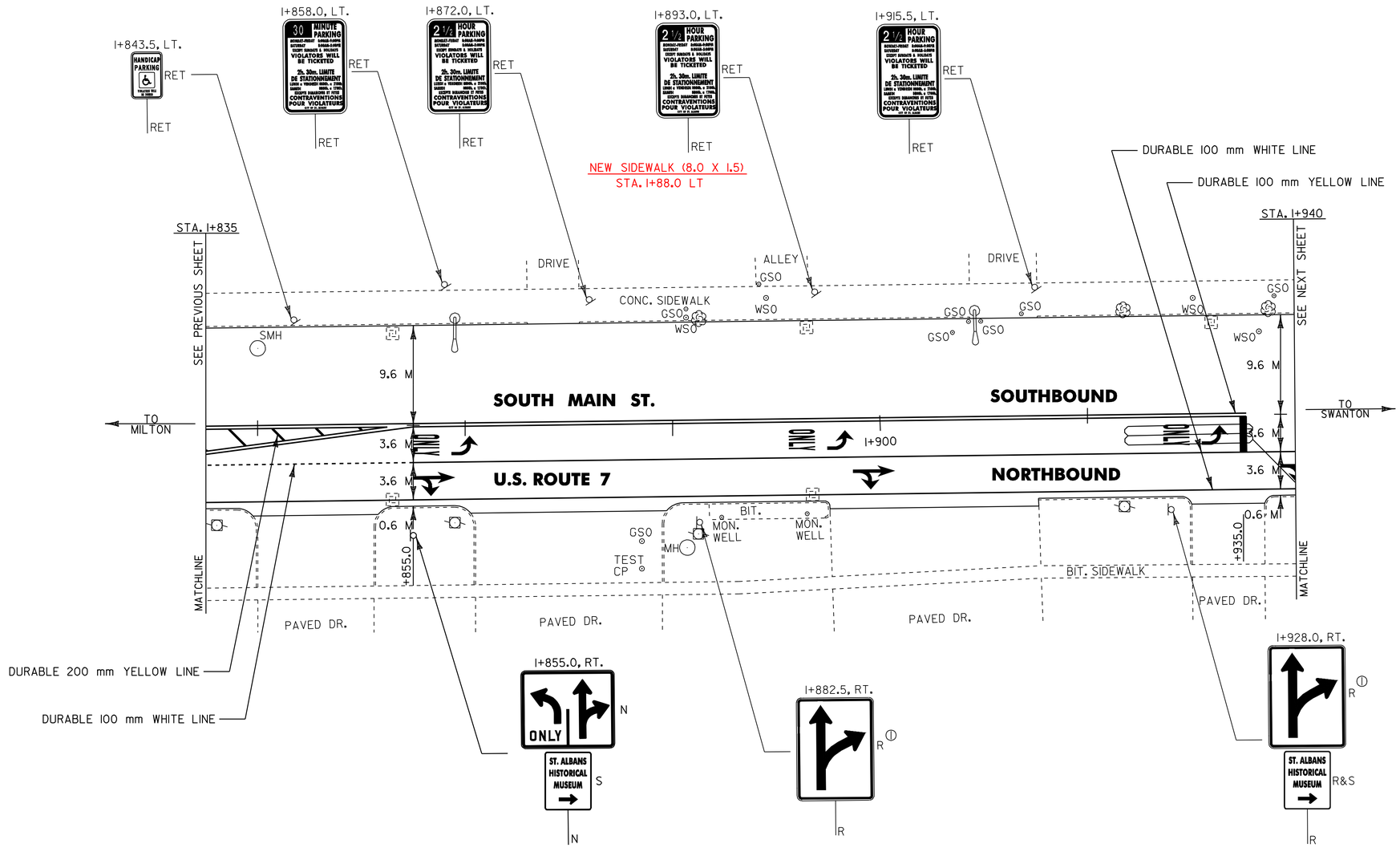
REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 1+853.0, RT. - DI
STA. 1+893.0, LT. & RT. - DI'S
STA. 1+932.0, LT. - DI

~~ADJUST ELEVATION OF VALVE BOX~~
~~STA. 1+938.0, LT. - WSO~~

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 1+853.0, LT. - DI~~

CHANGING ELEVATION OF SMH'S
STA. 1+840.0, LT.

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 VEHICLE DETECTOR LOOP DETAILS SEE SHEET 10.

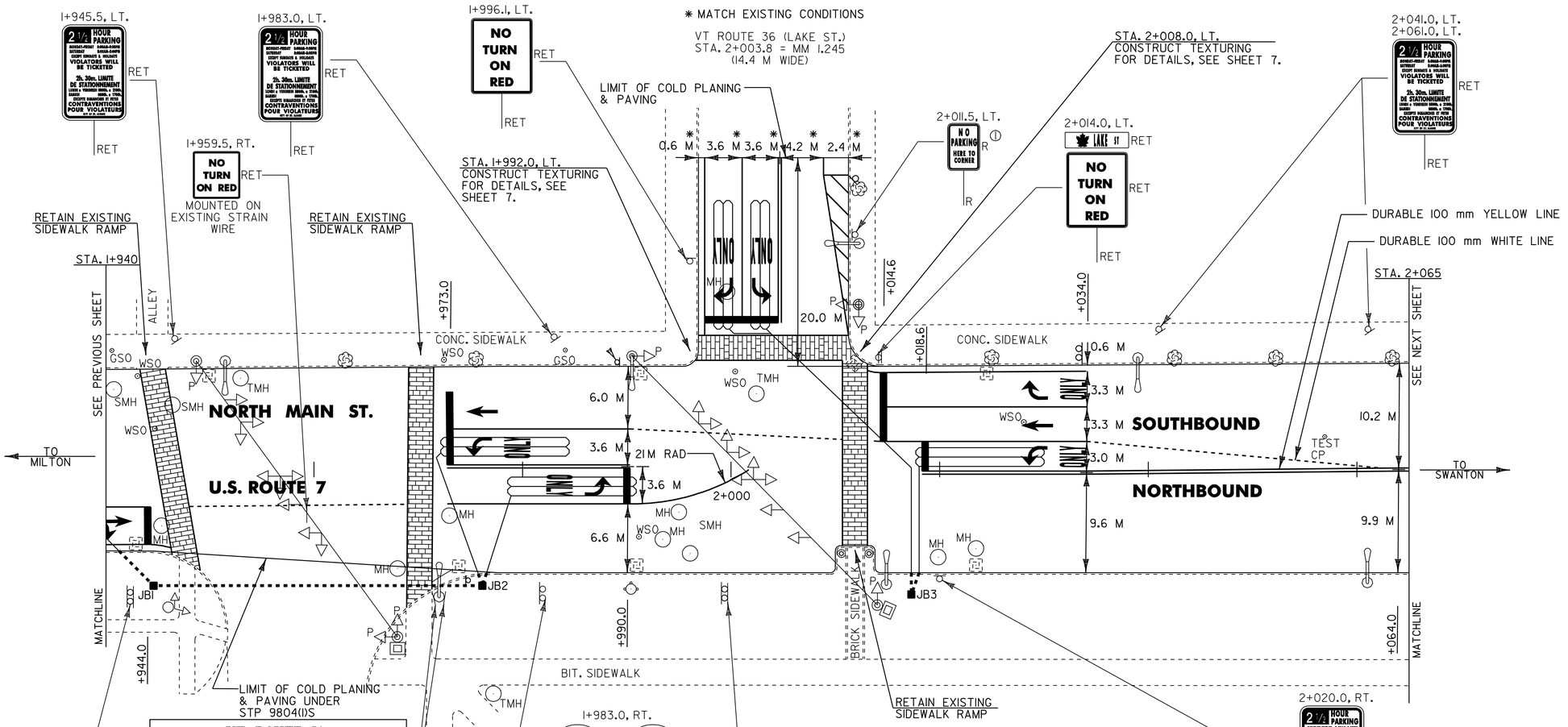
LAYOUT SHEET #13

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl3.1
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 32 OF 105

NOTE: FOR NEW SIGNS AND ALL CONSTRUCTION NOTES, SEE NEXT SHEET.

REMOVING SIGNS
AS SHOWN - 43

VAOT Metric



BUILT AS DESIGNED

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 VEHICLE DETECTOR LOOP DETAILS SEE SHEET 10.

Dufresne-Henry

PROJECT LAYOUT #14A EXISTING SIGNS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50pl4g.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 33 OF 105

VTrans Metric

TEMPORARY & DURABLE 100 mm WHITE LINE

STA. 1+940.0 TO 1+944.0, SOLID RT. (LANE LINE)
STA. 1+945.0 TO 1+969.0, DOTTED RT.
STA. 1+973.0 TO 1+990.0, SOLID LT. (LANE LINE)
STA. 1+973.0 TO 2+002.0, SOLID RT. (LANE LINE)
STA. 1+990.0 TO 2+014.6, DOTTED LT.
STA. 2+003.8, SOLID LT. (LAKE ST. EDGELINES, LANE LINES & DIAGONALS)
STA. 2+014.6 TO 2+034.0, SOLID LT. (LANE LINES)
STA. 2+034.0 TO 2+064.0, DOTTED LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE

STA. 1+973.0 TO 1+990.0, SOLID LT. & RT.
STA. 2+018.6 TO 2+065.0, SOLID LT. & RT.
STA. 2+003.8, DOUBLE SOLID LT. (LAKE ST.)

TEMPORARY & DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)

STA. 1+946.0
STA. 1+970.0
STA. 2+003.8, LT. (LAKE ST.)
STA. 2+012.0

DURABLE LETTER OR SYMBOL (TYPE I TAPE)

STA. 1+~~975.7~~, LT. - " ↰ " 980.0
STA. 1+~~976.0~~, LT. - " ← "980.0
STA. 1+~~979.3~~, LT. - "ONLY"985.0
STA. 1+~~983.7~~, RT. - "ONLY"989.0
STA. 1+~~987.3~~, RT. - " ↰ " 993.0
STA. 2+003.8, LT. - "ONLY" (2) (LAKE ST.)
STA. 2+003.8, LT. - " ↰ " (2) (LAKE ST.)
STA. 2+~~029.0~~, LT. - " ← " 034.0
STA. 2+~~029.2~~, LT. - " ↰ " (2)034.0
STA. 2+~~032.8~~, LT. - "ONLY" (2)034.0

TEMPORARY LETTER OR SYMBOL

STA. 1+~~975.7~~, LT. - " ↰ " 983.0
STA. 1+~~976.0~~, LT. - " ← "983.0
STA. 1+~~987.3~~, RT. - " ↰ " 983.0
STA. 2+003.8, LT. - " ↰ " (2) (LAKE ST.)
STA. 2+~~029.0~~, LT. - " ← " 034.0
STA. 2+~~029.2~~, LT. - " ↰ " (2)034.0

NOTE: FOR EXISTING SIGNS, SEE PREVIOUS SHEET.

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE I TAPE)

STA. 1+944.0, RT.
STA. 1+~~973.0~~, LT. 970.0
STA. 1+~~990.0~~, RT.
STA. 2+003.8, LT. (LAKE ST.)
STA. 2+~~014.6~~, LT.
STA. 2+~~018.6~~, LT.

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

STA. 1+943.0, RT. - DI
STA. 1+950.0, LT. - DI
STA. 1+974.0, ~~RT.~~ - DI LT.
STA. 1+991.0, ~~RT.~~ - DI RT.&LT.
STA. 2+009.0, LT. - DI
STA. 2+023.5, RT. - DI
STA. 2+024.5, LT. - DI

CHANGING ELEVATION OF VALVE BOX

~~STA. 1+943.5, LT. - WSO~~
~~STA. 1+945.5, LT. - WSO~~
~~STA. 1+991.0, RT. - WSO~~
STA. 2+000.0, LT. - WSO
~~STA. 2+028.0, LT. - WSO~~
~~STA. 2+057.0, LT. - TEST CP~~

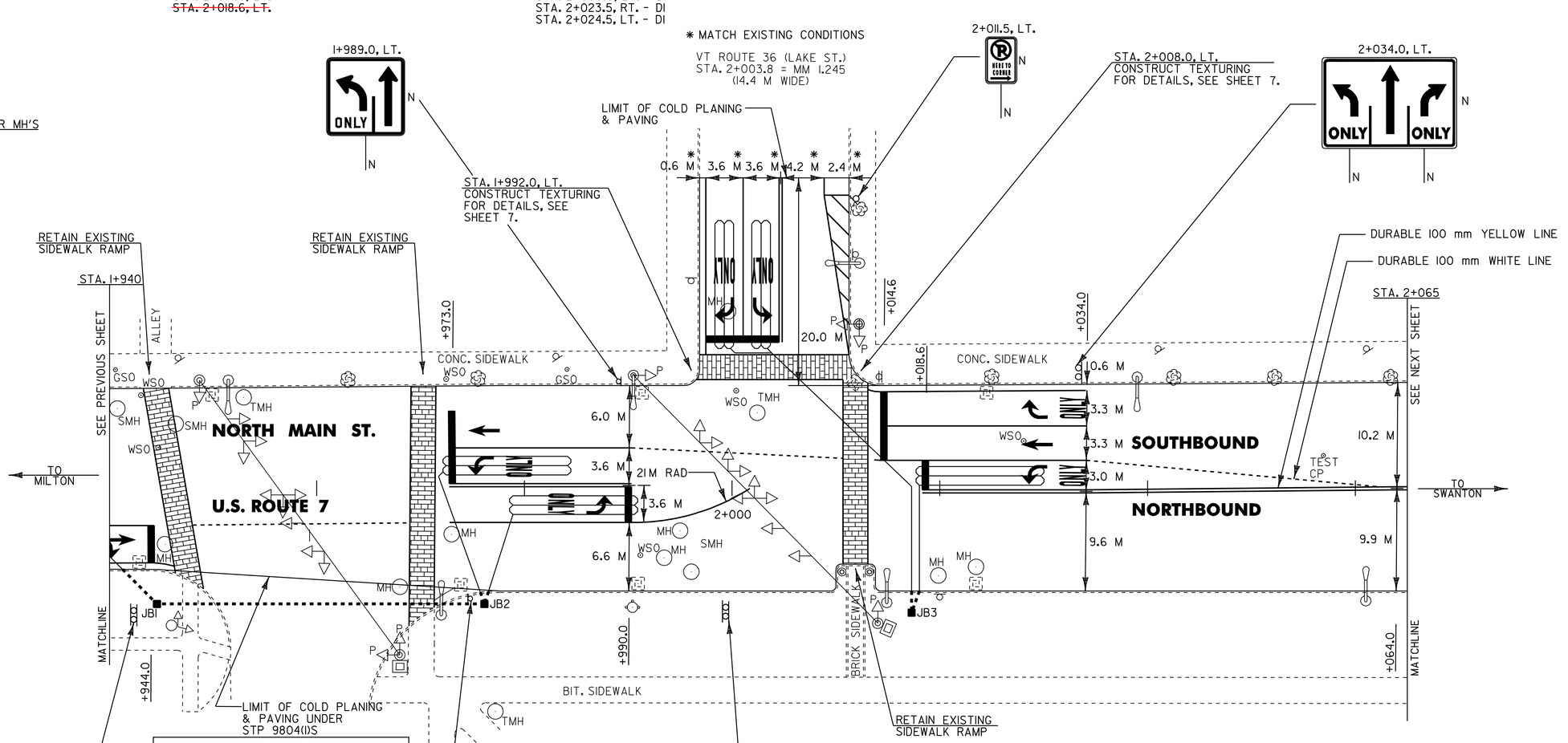
CHANGING ELEVATION OF DI'S, CB'S OR MH'S

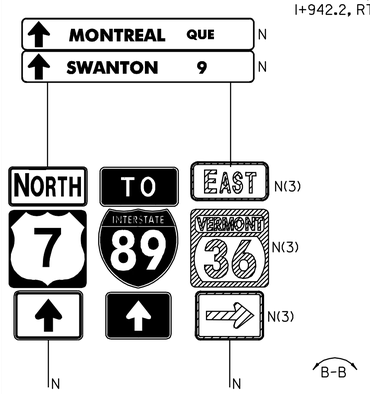
STA. 1+945.5, RT. - MH
STA. 1+968.0, RT. - MH
STA. 1+973.0, RT. - MH
~~STA. 1+991.0, LT. - DI~~
STA. 1+993.0, RT. - MH
STA. 1+995.0, RT. - MH
~~STA. 1+999.0, LT. - MH~~
STA. 2+020.0, RT. - MH
STA. 2+023.5, RT. - MH

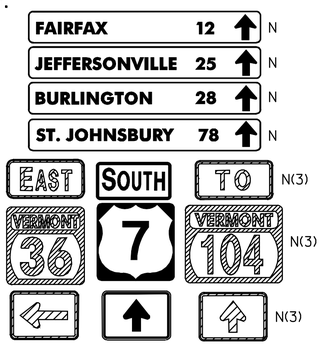
CHANGING ELEVATION OF SMH'S

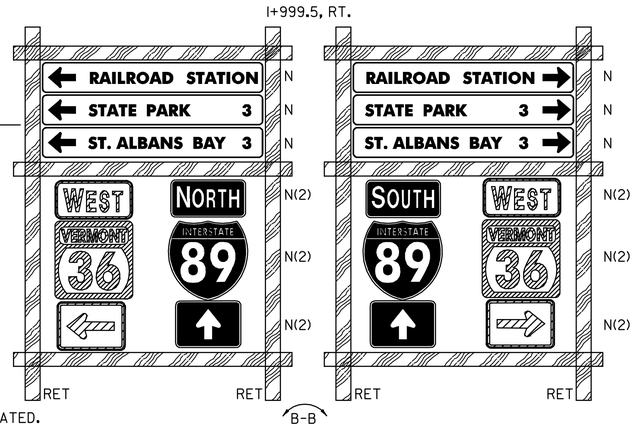
STA. 1+940.5, LT.
~~STA. 1+946.5, LT.~~
STA. 1+996.0, RT.

~~PAINTED CURB~~
~~IN NO PARKING AREAS AS~~
~~DIRECTED BY RESIDENT ENGINEER~~









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 VEHICLE DETECTOR LOOP DETAILS SEE SHEET 10.

Dufresne-Henry

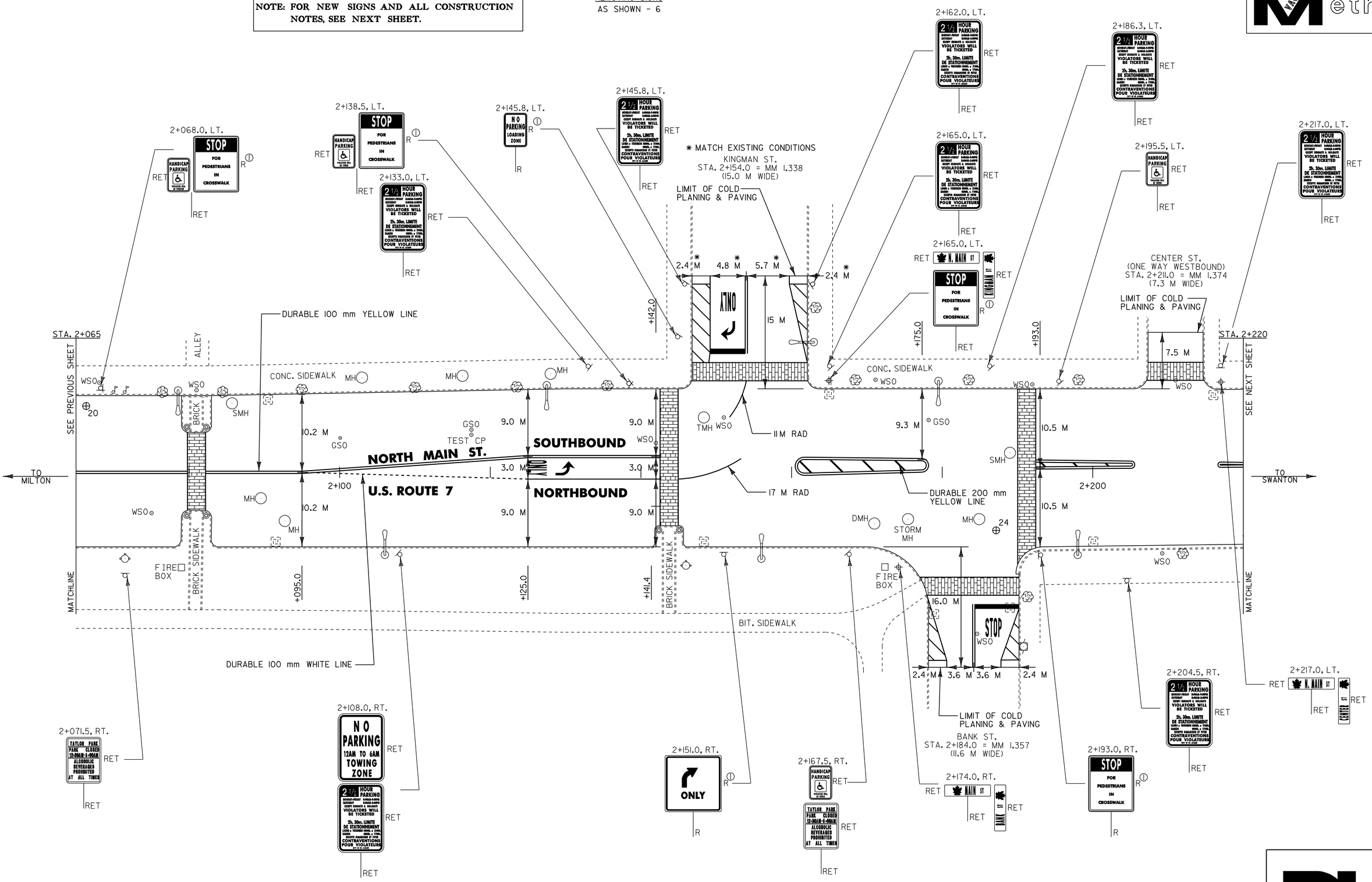
PROJECT LAYOUT #14B PROPOSED SIGNS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50pl4b.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 34 OF 105

NOTE: FOR NEW SIGNS AND ALL CONSTRUCTION NOTES, SEE NEXT SHEET.

REMOVING SIGNS
AS SHOWN - 6

VAOT Metric



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
20	2+066.4, LT.	89	NO
24	2+187.1, RT.	165	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 STANDARD E-193M.

Dufresne-Henry

PROJECT LAYOUT #15A EXISTING SIGNS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl5a.i

PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 35 OF 105

TEMPORARY LETTER OR SYMBOL
STA. 2+~~129.8~~, LT. - " ↰ "125.0
STA. 2+154.7, LT. - " ↰ "
(KINGMAN ST.) "ONLY"
~~STA. 2+184.0, RT. - "STOP"~~

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 2+~~126.2~~, LT. - "ONLY"135.0
STA. 2+~~129.8~~, LT. - " ↰ " 139.0
STA. 2+154.7, LT. - "ONLY"
(KINGMAN ST.)
STA. 2+154.7, LT. - " ↰ "
(KINGMAN ST.)
STA. 2+184.0, RT. - "STOP"

~~TEMPORARY & DURABLE 200 mm YELLOW LINE~~
~~STA. 2+160.0 TO 2+220.0, SOLID LT. (DIAGONALS)~~

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 2+154.0, LT. (KINGMAN ST.)
STA. 2+184.0, RT. (BANK ST.)

~~PAINTED CURB~~
~~IN NO PARKING AREAS AS~~
~~DIRECTED BY RESIDENT ENGINEER~~

CHANGING ELEVATION OF SMH'S
STA. 2+085.0, LT.
STA. 2+189.0, LT.

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 2+095.0 TO 2+125.0, DOTTED RT.
STA. 2+125.0 TO 2+154.0, SOLID RT. (LANE LINE)
STA. 2+154.0, SOLID LT. (KINGMAN ST. EDGELINES, & DIAGONALS)
STA. 2+184.0, SOLID RT. (BANK ST. EDGELINES, & DIAGONALS)

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+090.0, LT. - DI
STA. 2+091.0, RT. - DI
STA. 2+148.5, RT. - DI
STA. 2+165.0, LT. - DI
STA. 2+180.0, RT. - DI
STA. 2+189.0, RT. - DI
STA. 2+200.0, RT. - DI
STA. 2+216.0, LT. - DI

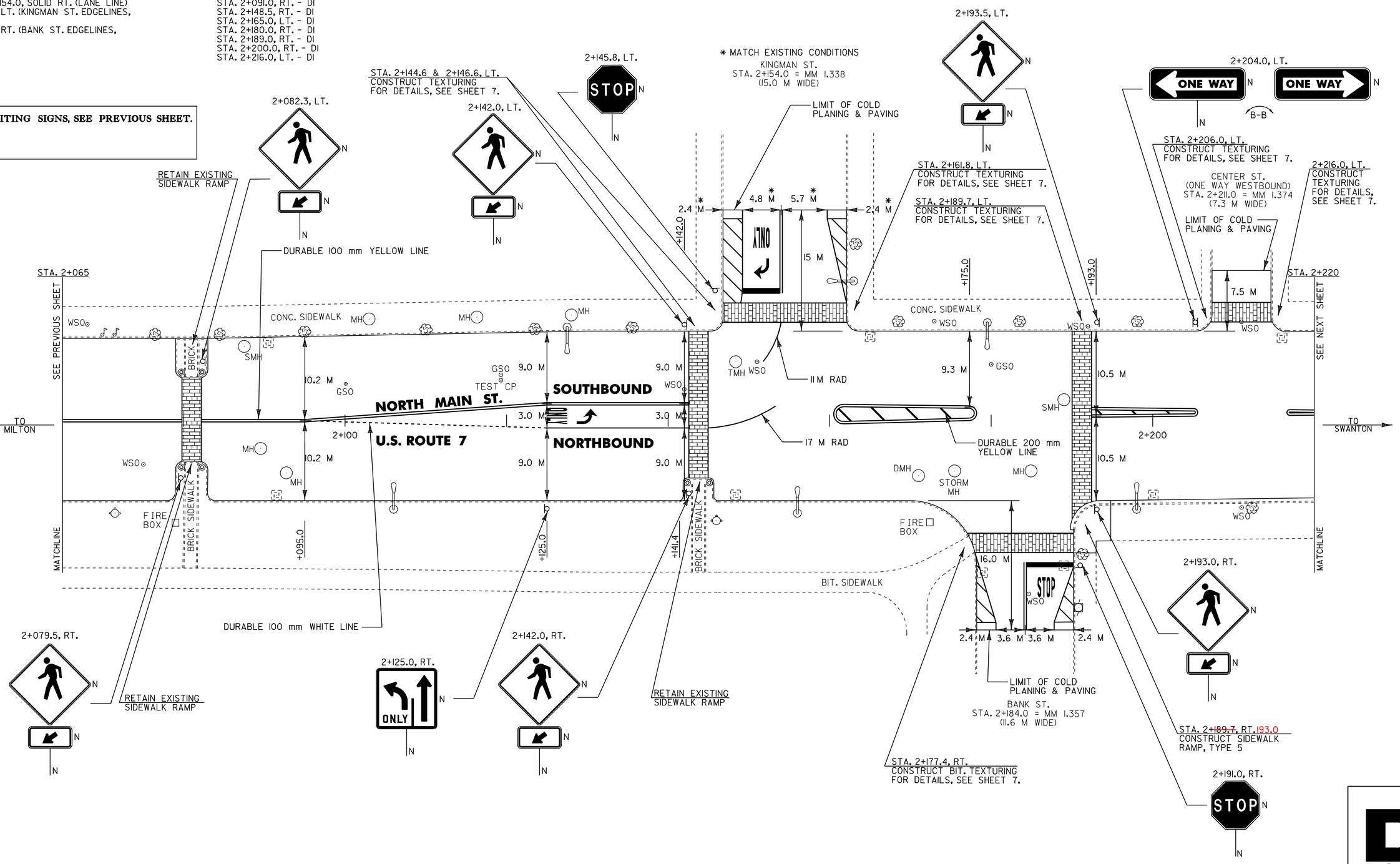
~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 2+071.7
STA. 2+143.2
STA. 2+154.0, LT. (KINGMAN ST.)
STA. 2+184.0, RT. (BANK ST.)
STA. 2+191.8
STA. 2+211.0, LT. (CENTER ST.)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+065.0 TO 2+142.0, SOLID LT. & RT.
STA. 2+154.0, DOUBLE SOLID LT. (KINGMAN ST.)
STA. 2+160.0 TO 2+220.0, DOUBLE SOLID (WITH CENTERLINE BREAKS FOR BANK ST. & CENTER ST.)
STA. 2+184.0, DOUBLE SOLID RT. (BANK ST.)

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 2+089.0, RT. - MH
STA. 2+092.0, RT. - MH
STA. 2+171.0, RT. - DRAIN MH
STA. 2+175.0, RT. - STORM MH
STA. 2+185.0, RT. - MH
STA. 2+211.0, RT. - MH

ADJUST ELEVATION OF VALVE BOX
~~STA. 2+075.0, RT. - WSO~~
~~STA. 2+117.5, LT. - TEST CP~~
~~STA. 2+142.0, LT. - WSO~~
STA 2+150.0, LT. - WSO
~~STA. 2+185.0, RT. - WSO~~
~~STA. 2+211.0, LT. - WSO~~

NOTE: FOR EXISITING SIGNS, SEE PREVIOUS SHEET.



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.

PROJECT LAYOUT #15B PROPOSED SIGNS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl5b.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 36 OF 105

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

~~STA. 2+259.0, LT. - MH~~
STA. 2+275.0, RT. - MH
STA. 2+301.0, RT. - MH
~~STA. 2+308.0, LT. - MH~~
~~STA. 2+311.0, RT. - DRAIN MH~~

ADJUST ELEVATION OF VALVE BOX

~~STA. 2+229.0, LT. - WSO~~
~~STA. 2+234.0, LT. - WSO~~
~~STA. 2+244.0, RT. - WSO~~
~~STA. 2+245.0, RT. - WSO~~
STA 2+246.0, LT. - WSO
~~STA. 2+250.0, LT. - TEST CP (2)~~
~~STA 2+292.0, LT. - WSO~~
~~STA 2+297.1, RT. - WSO~~
STA 2+299.0, RT. - WSO
STA 2+305.0, LT. - WSO
~~STA 2+306.0, RT. - WSO~~
~~STA 2+315.0, LT. - TEST CP~~
STA. 2+294.0, RT. - WSO

CONSTRUCT NEW SIDEWALK
STA. 2+276.5, LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+220.0 TO 2+340.0, SOLID LT. & RT. (WITH CENTERLINE BREAKS FOR CONGRESS ST. & HUDSON ST.)
STA. 2+298.0, DOUBLE SOLID RT. (CONGRESS ST.)

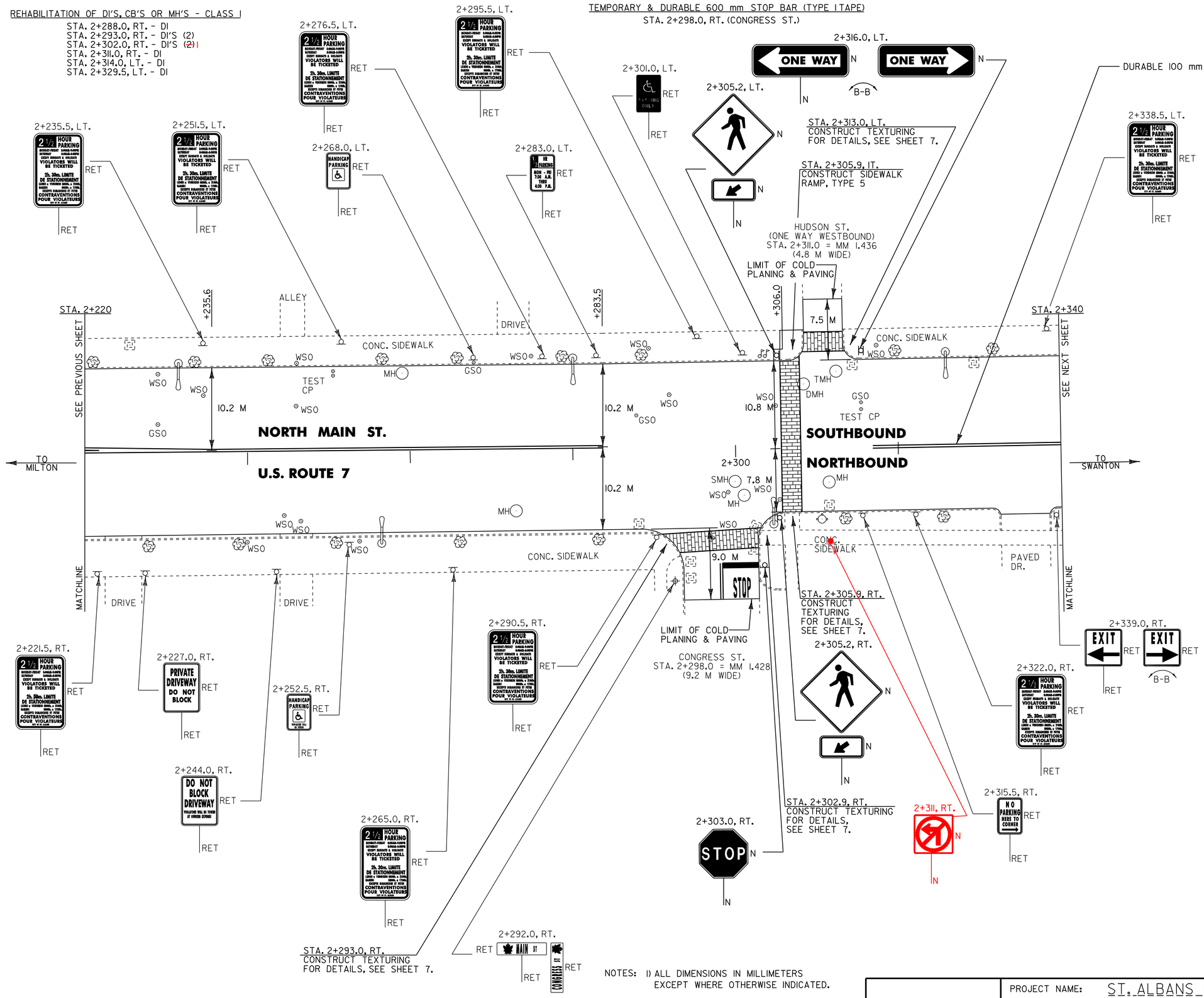
~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 2+298.0, RT. (CONGRESS ST.)
STA. 2+306.4
STA. 2+311.0, LT. (HUDSON ST.)

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 2+298.0, RT. - "STOP"

CHANGING ELEVATION OF SMH'S
STA. 2+300.0, RT.
STA. 2+259.0, LT.
STA. 2+308.0, LT.

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+288.0, RT. - DI
STA. 2+293.0, RT. - DI'S (2)
STA. 2+302.0, RT. - DI'S (~~2~~) 1
STA. 2+311.0, RT. - DI
STA. 2+314.0, LT. - DI
STA. 2+329.5, LT. - DI

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 2+298.0, RT. (CONGRESS ST.)



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.

LAYOUT SHEET #16

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50pl6.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 37 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 2+375.0 TO 2+480.0, SOLID LT. & RT.
STA. 2+382.9, SOLID LT. (LANE LINE)
STA. 2+430.0 TO 2+460.0, DOTTED RT.
STA. 2+460.0 TO 2+480.0, SOLID RT. (LANE LINE)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+340.0 TO 2+480.0, SOLID LT. & RT. (WITH CENTERLINE BREAK FOR HOYT ST.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 2+382.9, LT. (HOYT ST.)

~~TEMPORARY & DURABLE 200 mm WHITE LINE~~
~~STA. 2+400.0 TO 2+460.0, SOLID RT. (DIAGONALS)~~

TEMPORARY & DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 2+382.9, LT. (HOYT ST.)

DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 2+382.3, LT. - "ONLY" (2) (HOYT ST.)
STA. 2+382.3, LT. - " ↰ " (2) (HOYT ST.)
STA. 2+~~461.2~~, RT. - "ONLY" 460.0
STA. 2+~~464.8~~, RT. - " ↰ " 464.0
STA. 2+~~465.0, RT.~~ - " → " 460.0, CL

TEMPORARY LETTER OR SYMBOL
STA. 2+382.3, LT. - " ↰ " (2) (HOYT ST.)
STA. 2+464.8, RT. - " ↰ "
STA. 2+465.0, RT. - " → "

REMOVING SIGNS
AS SHOWN - 5

ADJUST ELEVATION OF VALVE BOX
~~STA. 2+380.0, RT. - WSO~~
STA. 2+382.0, RT. - WSO
STA. 2+382.0, LT. - TEST CP
STA 2+383.0, RT. - WSO
STA 2+445.0, RT. - WSO

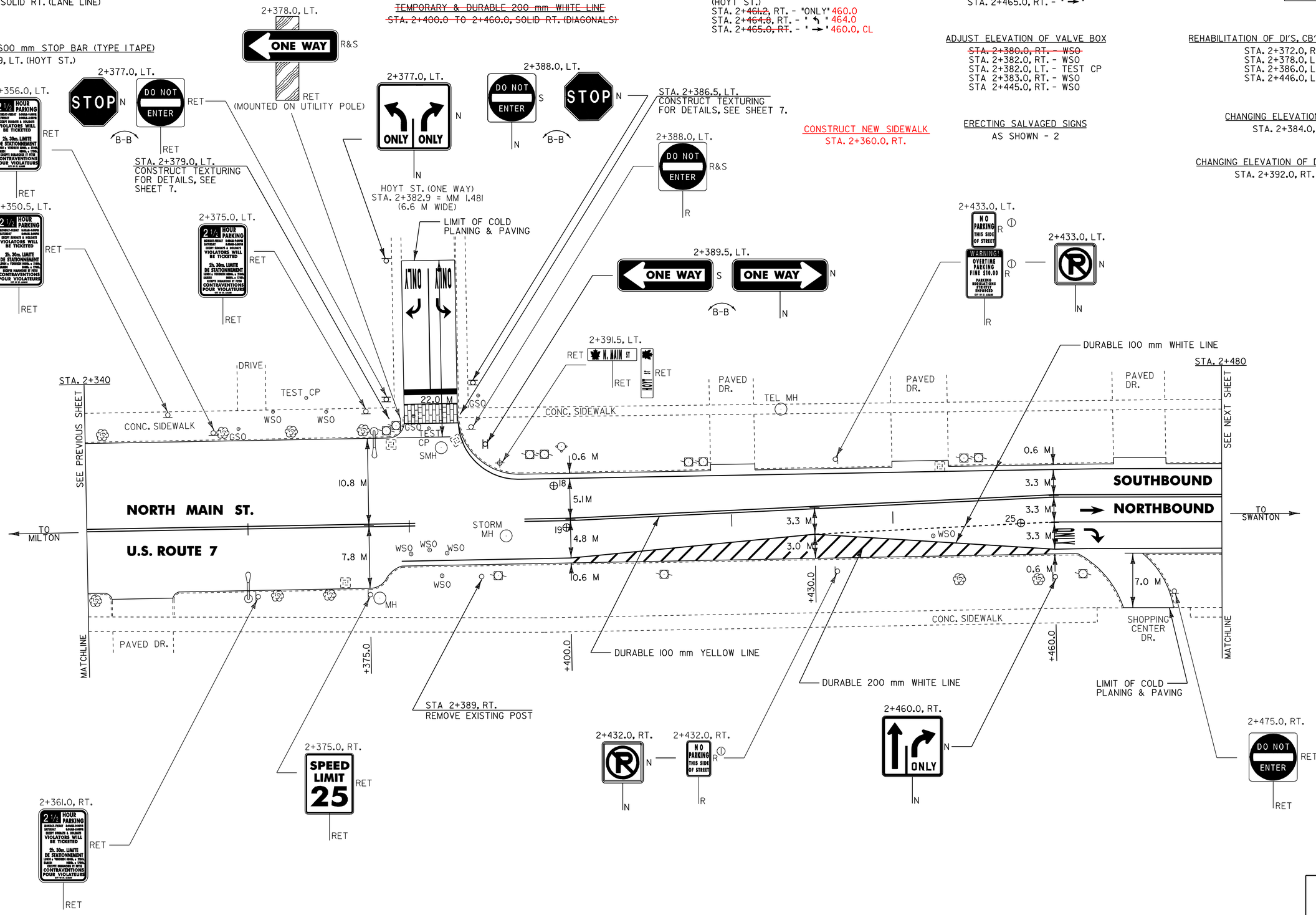
REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+372.0, RT. - DI
STA. 2+378.0, LT. - DI
STA. 2+386.0, LT. - DI
STA. 2+446.0, LT. - DI

CONSTRUCT NEW SIDEWALK
STA. 2+360.0, RT.

ERECTING SALVAGED SIGNS
AS SHOWN - 2

CHANGING ELEVATION OF SMH'S
STA. 2+384.0, LT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 2+392.0, RT. - STORM MH



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
18	2+397.9, LT.	102	YES
19	2+399.5, LT.	102	YES
25	2+455.9, RT.	89	YES

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

LAYOUT SHEET #17

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50pl7.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 38 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 2+480.0 TO 2+600.0, SOLID LT. & RT. (WITH EDGELINE BREAKS FOR CROSSWALK & SHOPPING CENTER)
STA. 2+480.0 TO 2+494.0, SOLID RT. (LANE LINE) (WITH BREAK FOR CROSSWALK)
STA. 2+487.0 TO 2+494.0, SOLID RT. (LANE LINE)
STA. 2+499.0, SOLID RT. (SHOPPING CENTER EDGELINES & LANE LINE)
STA. 2+503.3 TO 2+538.0, SOLID LT. (LANE LINE)
STA. 2+538.0 TO 2+568.0, DOTTED LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+480.0 TO 2+538.0, SOLID LT. & RT. (WITH CENTERLINE BREAK FOR CROSSWALK & SHOPPING CENTER)
STA. 2+499.0, RT. (AROUND ISLAND & INCLUDING DOUBLE SOLID FOR GORE)
STA. 2+538.0 TO 2+600.0, DOUBLE SOLID LT. & RT.

TEMPORARY & DURABLE 200 mm YELLOW LINE
STA. 2+499.0, SOLID RT. (DIAGONAL)
STA. 2+538.0 TO 2+600.0, SOLID LT. & RT. (DIAGONALS)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 2+485.8

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
~~STA. 2+483.1, RT.~~
STA. 2+499.0, RT. (SHOPPING CENTER)
~~STA. 2+516.0, LT.~~

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
~~STA. 2+499.0, RT. - "ONLY" (2) (SHOPPING CENTER)~~
STA. 2+499.0, RT. - " ↰ "&" ↱ " (SHOPPING CENTER)
STA. 2+~~533.2, LT.~~ - " ↰ " 545.0, RT.
STA. 2+~~536.5, LT.~~ - " → " 549.0, CL
STA. 2+~~536.8,~~ RT. - "ONLY" 549.0, RT.

TEMPORARY LETTER OR SYMBOL
STA. 2+499.0, RT. - " ↰ "&" ↱ " (SHOPPING CENTER)
~~STA. 2+533.2, LT. - " ↰ "~~
~~STA. 2+536.5, LT. - " → "~~

REMOVING SIGNS
AS SHOWN - 7

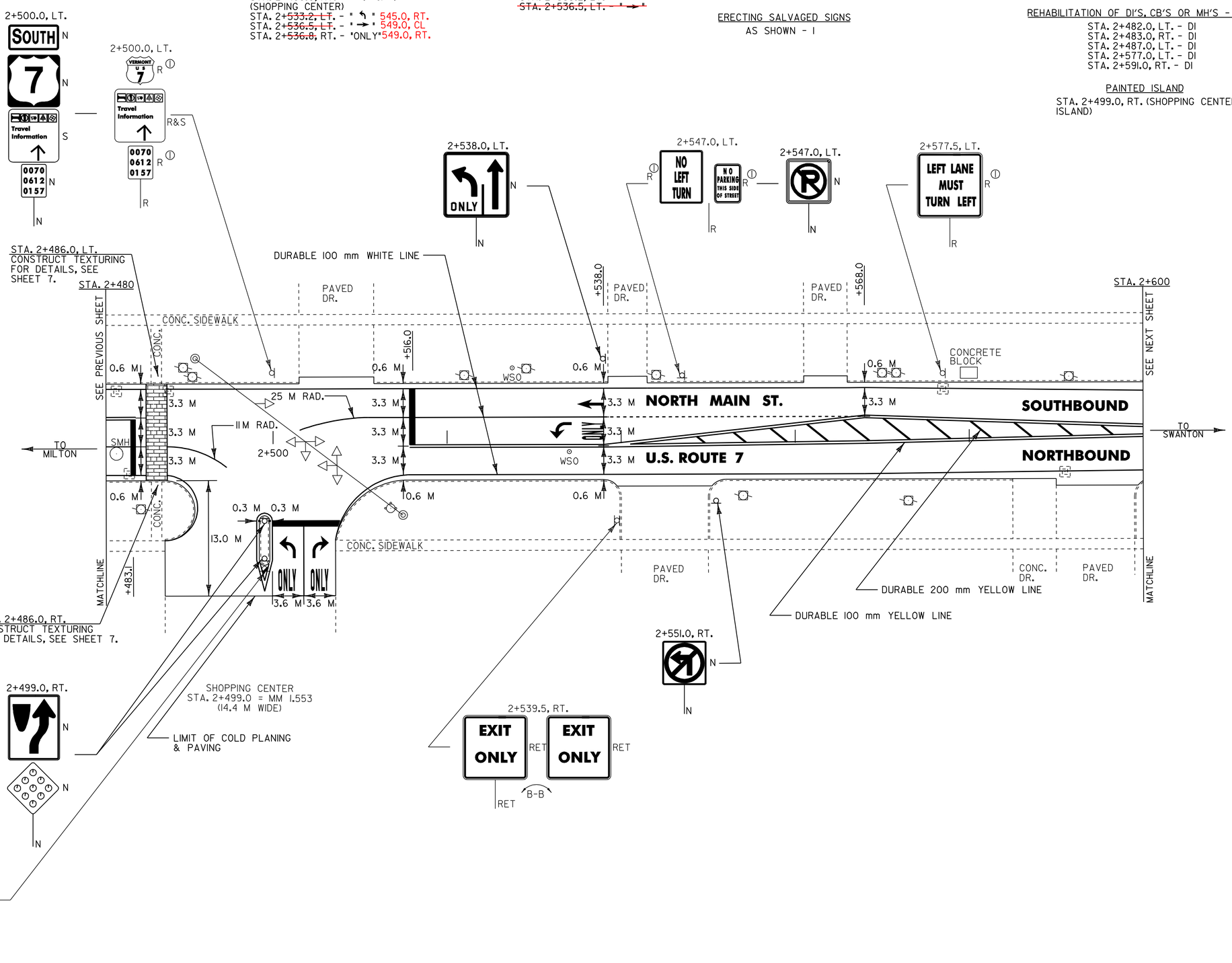
ERECTING SALVAGED SIGNS
AS SHOWN - 1

CHANGING ELEVATION OF SMH'S
STA. 2+482.0, RT.

ADJUST ELEVATION OF VALVE BOX
STA. 2+534.0, RT. - WSO

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+482.0, LT. - DI
STA. 2+483.0, RT. - DI
STA. 2+487.0, LT. - DI
STA. 2+577.0, LT. - DI
STA. 2+591.0, RT. - DI

PAINTED ISLAND
STA. 2+499.0, RT. (SHOPPING CENTER ISLAND)



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.

LAYOUT SHEET #18

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl8.i
PLOT DATE: 01-FEB-2006 07:4
DRAWN BY: D-H
CHECKED BY:
SHEET 39 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 2+600.0 TO 2+740.0, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR BRAINERD ST.)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+600.0 TO 2+620.0, DOUBLE SOLID LT. & RT.
STA. 2+620.0 TO 2+740.0, SOLID LT. & RT. (WITH CENTERLINE BREAK FOR BRAINERD ST.)
STA. 2+629.8, DOUBLE SOLID RT. (BRAINERD ST.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 2+629.8, RT. (BRAINERD ST.)

REMOVING SIGNS
AS SHOWN - 4

ADJUST ELEVATION OF VALVE BOX
STA. 2+624.5, LT. - WSO
~~STA. 2+631.0, RT. - WSO~~

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
~~STA. 2+627.0, RT. - DI~~
STA. 2+633.0, LT. - DI
STA. 2+639.5, LT. & RT. - DI'S
STA. 2+704.5, RT. - DI
~~STA. 2+720.0, LT. - DI~~

CHANGING ELEVATION OF SMH'S
STA. 2+630.0, LT.
STA. 2+709.0, LT.

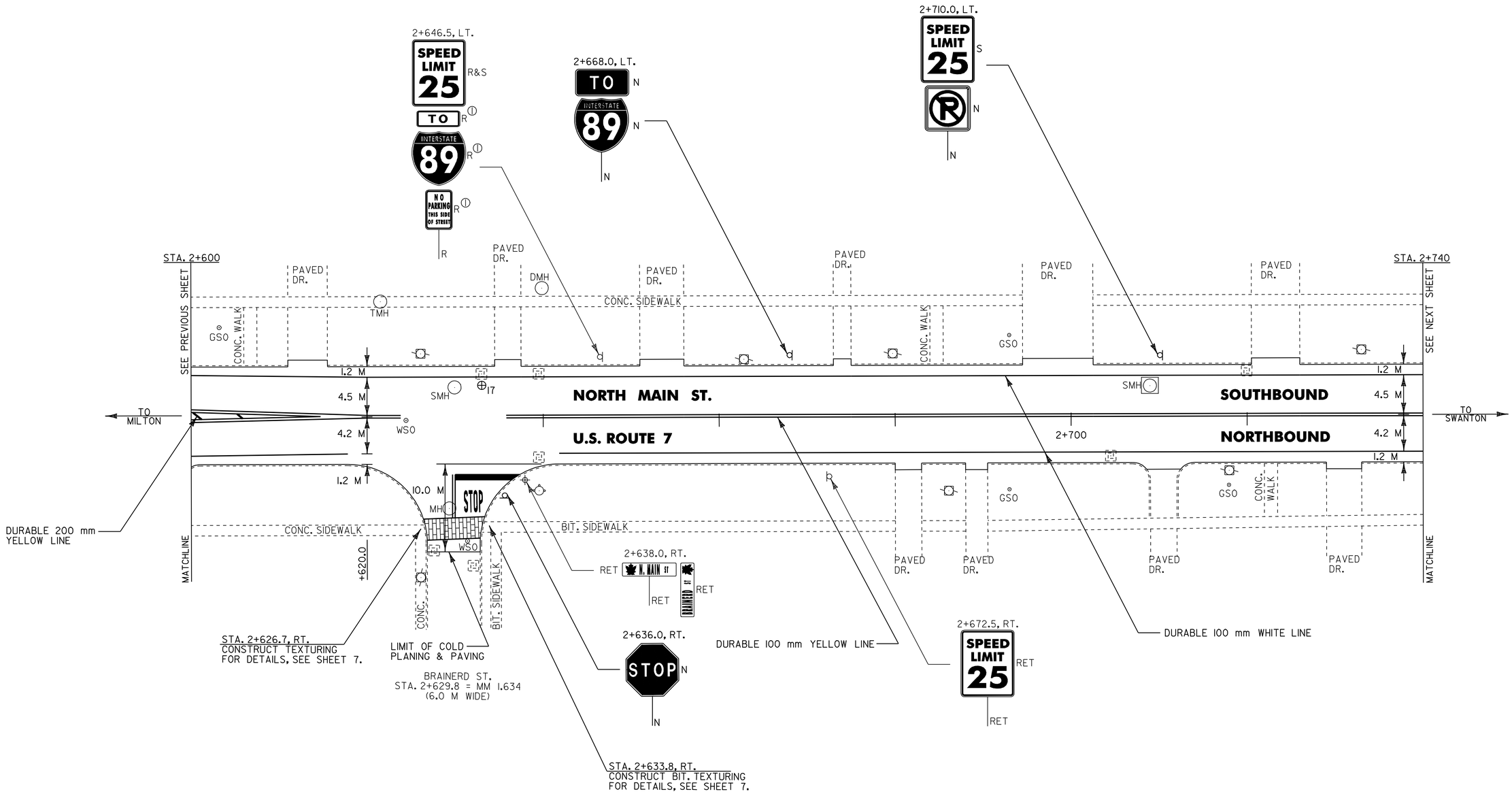
CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 2+629.0, RT. - MH

ERECTING SALVAGED SIGNS
AS SHOWN - 1

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 2+629.8, RT. - 'STOP'

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 2+629.8, RT. (BRAINERD ST.)

TEMPORARY & DURABLE 200 mm YELLOW LINE
STA. 2+600.0 TO 2+620.0, SOLID LT. (DIAGONALS)



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
I7	2+632.9, LT.	165	YES

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

LAYOUT SHEET #19

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150pl9.I
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 40 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 2+740.0 TO 2+820.0, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR BEST CT.)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+740.0 TO 2+770.0, SOLID LT. & RT.
STA. 2+770.0 TO 2+820, DOUBLE SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR BEST CT.)
STA. 2+802.3, DOUBLE SOLID LT. (BEST CT.)

~~TEMPORARY &~~ DURABLE 200 mm YELLOW LINE
STA. 2+770.0 TO 2+820.0, SOLID LT. & RT. DIAGONALS

REMOVING SIGNS
AS SHOWN - 6

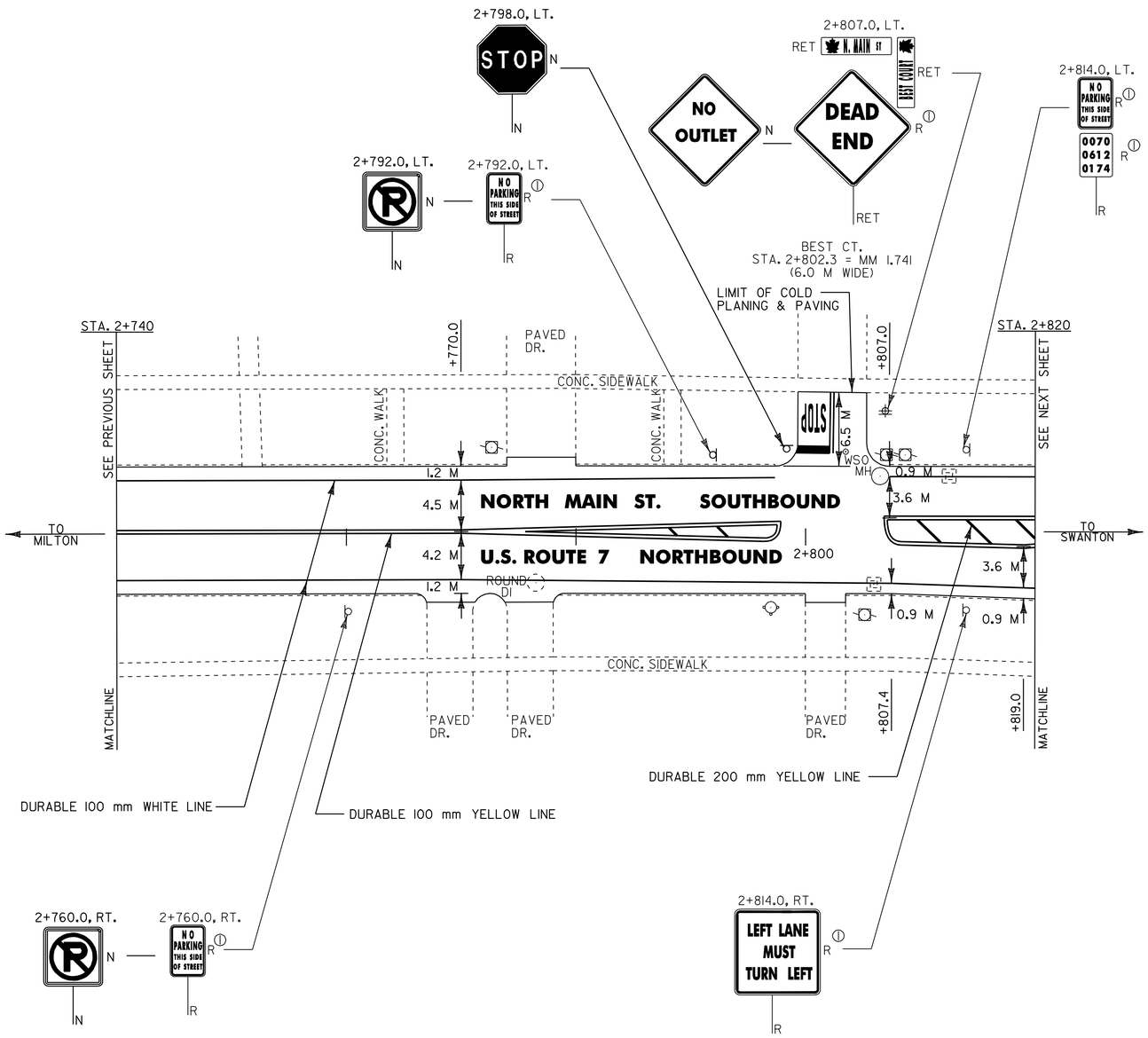
ADJUST ELEVATION OF VALVE BOX
STA. 2+803.0, LT. - WSO

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+776.0, RT. - ROUND DI
STA. 2+806.0, RT. - DI
STA. 2+812.5, LT. - DI

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 2+806.0, LT. - MH

~~TEMPORARY & DURABLE 600 mm STOP BAR (TYPE I TAPE)~~
~~STA. 2+802.3, LT.~~

TEMPORARY AND DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 2+802.3, LT. - "STOP"



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.

LAYOUT SHEET #20

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p20.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 41 OF 105

~~TEMPORARY & DURABLE 100 mm WHITE LINE~~
STA. 2+820.0 TO 2+940.0, SOLID LT. & RT. (WITH EDGELINE BREAKS FOR UPPER NEWTON ST. & LOWER NEWTON ST.)
STA. 2+820.0 TO 2+849.0, DOTTED RT.
STA. 2+849.0 TO 2+880.5, SOLID RT. (LANE LINE)
STA. 2+890.1, SOLID RT. (UPPER NEWTON ST. EDGELINES)
STA. 2+898.0, SOLID LT. (LOWER NEWTON ST. EDGELINES & LANE LINE)
STA. 2+918.0 TO 2+940.0, SOLID LT. (LANE LINE)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+820.0 TO 2+849.0, DOUBLE SOLID LT. & RT.
STA. 2+849.0 TO 2+940.0, SOLID LT. & RT. (WITH CENTERLINE BREAK FOR UPPER NEWTON ST. & LOWER NEWTON ST.)
STA. 2+898.0, DOUBLE SOLID LT. (LOWER NEWTON ST.)

~~TEMPORARY & DURABLE 200 mm YELLOW LINE~~
STA. 2+820.0 TO 2+849.0, SOLID LT. & RT. (DIAGONALS)

~~TEMPORARY & DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)~~
STA. 2+890.1, RT. (UPPER NEWTON ST.)
STA. 2+895.0
STA. 2+898.0, LT. (LOWER NEWTON ST.)

~~TEMPORARY & DURABLE 600 mm STOP BAR (TYPE I TAPE)~~
STA. 2+880.5, RT.
STA. 2+898.0, LT. (LOWER NEWTON ST.)
STA. 2+918.0, LT.
STA. 2+922.0, LT.

ADJUST ELEVATION OF VALVE BOX
~~STA. 2+891.0, RT. - WSO~~
STA. 2+908.0, LT. - WSO

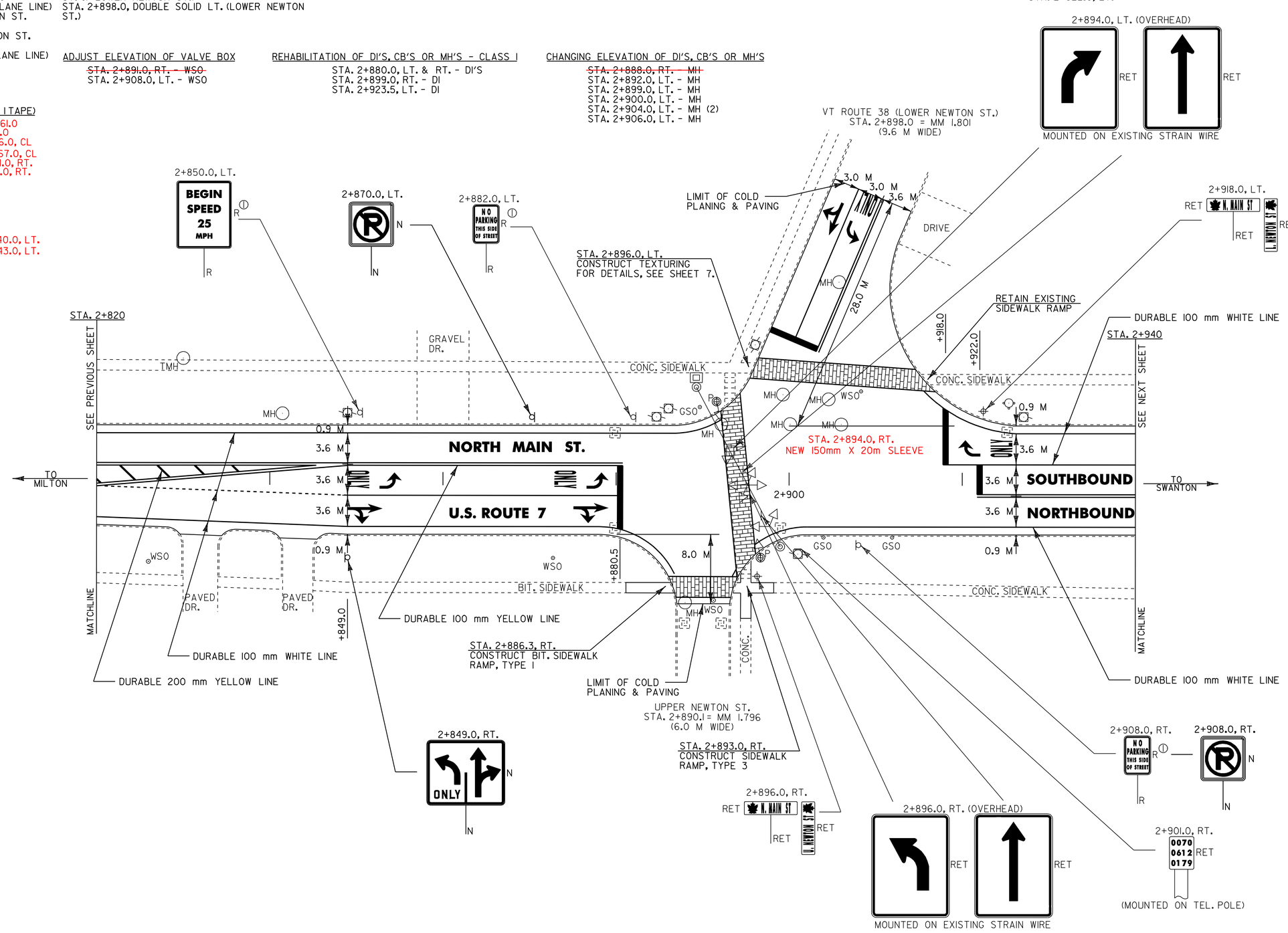
REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+880.0, LT. & RT. - DI'S
STA. 2+899.0, RT. - DI
STA. 2+923.5, LT. - DI

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 2+888.0, RT. - MH~~
STA. 2+892.0, LT. - MH
STA. 2+899.0, LT. - MH
STA. 2+900.0, LT. - MH
STA. 2+904.0, LT. - MH (2)
STA. 2+906.0, LT. - MH

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 2+~~850.2,~~ RT. - "ONLY" 861.0
STA. 2+~~851.0,~~ RT. - " ↱ " 861.0
STA. 2+~~853.8,~~ RT. - " ↰ " 866.0, CL
STA. 2+874.2, RT. - "ONLY" 867.0, CL
STA. 2+877.0, RT. - " ↰ " 891.0, RT.
STA. 2+877.8, RT. - " ↱ " 891.0, RT.
STA. 2+898.0, LT. - "ONLY" (LOWER NEWTON ST.)
STA. 2+898.0, LT. - " ↱ " (LOWER NEWTON ST.)
STA. 2+898.0, LT. - " ↰ " (LOWER NEWTON ST.)
STA. 2+~~920.7, LT.~~ - " ↱ " 940.0, LT.
STA. 2+~~924.3, LT.~~ - "ONLY" 943.0, LT.

~~TEMPORARY LETTER OR SYMBOL~~
~~STA. 2+851.0, RT. - " ↱ "~~
~~STA. 2+853.8, RT. - " ↰ "~~
~~STA. 2+877.0, RT. - " ↰ "~~
~~STA. 2+877.8, RT. - " ↱ "~~
~~STA. 2+898.0, LT. - " ↱ "~~ (LOWER NEWTON ST.)
~~STA. 2+898.0, LT. - " ↰ "~~ (LOWER NEWTON ST.)
~~STA. 2+920.7, LT. - " ↱ "~~

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 STANDARD E-193M.

LAYOUT SHEET #21

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p21.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 42 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 2+940.0 TO 3+038.0, SOLID RT.
(WITH EDGELINE BREAK FOR FARRAR ST.)
STA. 2+940.0 TO 3+020.0, SOLID LT.
STA. 2+940.0 TO 2+952.0, SOLID LT. (LANE LINE)
STA. 2+952.0 TO 3+020.0, DOTTED LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 2+940.0 TO 3+060.0, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR FARRAR ST.)
STA. 3+029.7, DOUBLE SOLID RT. (FARRAR ST.)

~~TEMPORARY &~~ DURABLE CROSSWALK WITH DIAGONAL LINES (MOD.)
STA. 3+029.7, RT. (FARRAR ST.)

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 3+029.7, RT. (FARRAR ST.)

DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 2+~~947.2,~~ LT. - " ↱ " 964.0
STA. 2+~~950.5,~~ LT. - " ↑ " 967.0
STA. 2+~~950.8,~~ LT. - "ONLY" 967.0
STA. 3+029.7, RT. - "STOP"

REMOVING SIGNS
AS SHOWN - 8

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 2+944.0, RT. - DI
STA. 2+972.5, RT. - DI
STA. 2+992.0, LT. - DI
STA. 3+020.0, RT. - DI
~~STA. 3+033.5, RT. - ROUND DI~~
STA. 3+034.0, RT. - DI

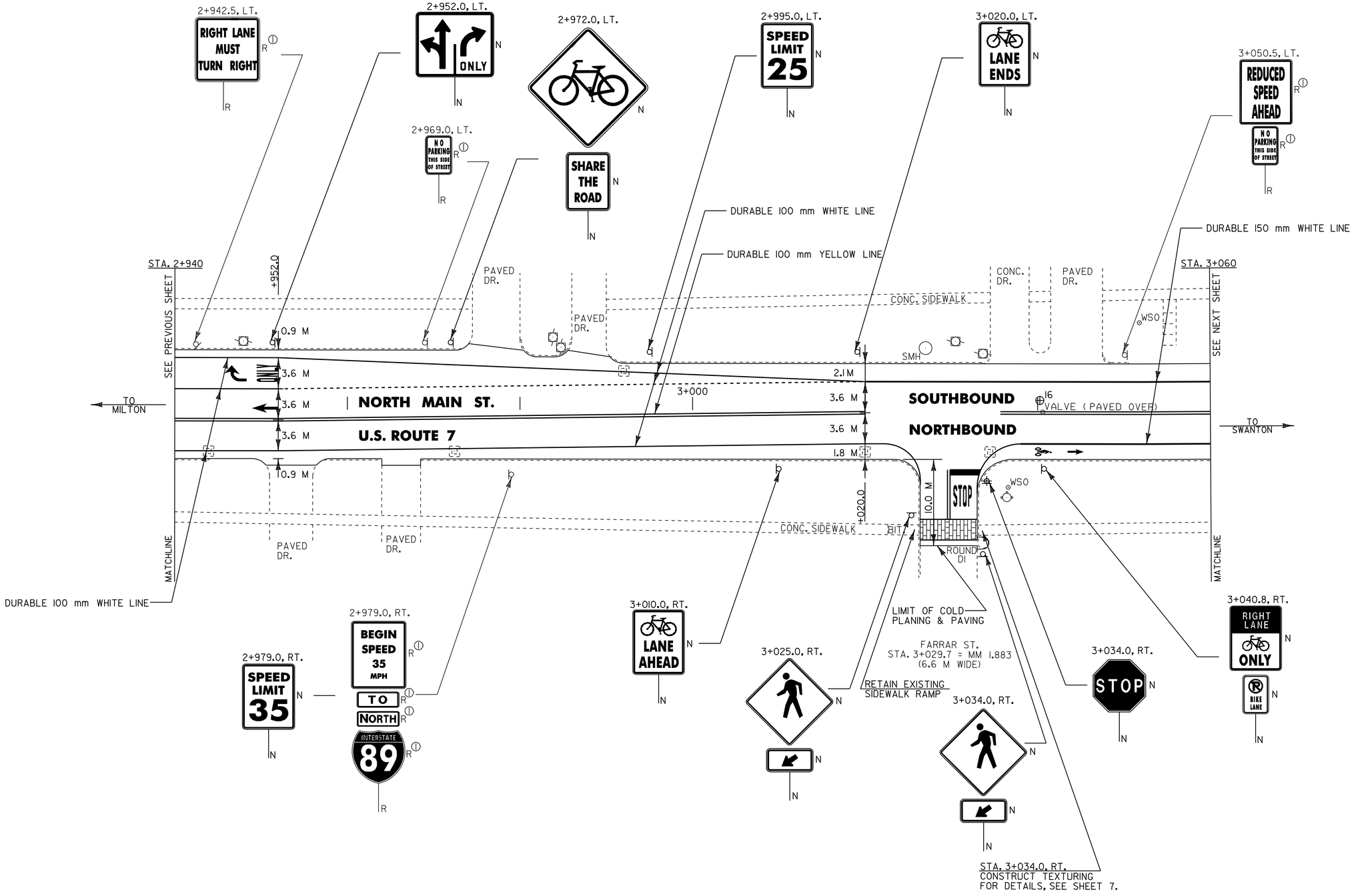
~~TEMPORARY LETTER OR SYMBOL~~
~~STA. 2+947.2, LT. - " ↱ "~~
~~STA. 2+950.5, LT. - " ↑ "~~
~~STA. 3+029.7, RT. - "STOP"~~

LETTER OR SYMBOL (MOD.)
STA. 3+~~040.8,~~ RT. - " 🚲 " 055.0
STA. 3+~~044.4,~~ RT. - " → " 059.0

TEMPORARY LETTER OR SYMBOL (MOD.)
STA. 3+~~040.8,~~ RT. - " 🚲 " 055.0
STA. 3+~~044.4,~~ RT. - " → " 059.0

~~TEMPORARY &~~ DURABLE 150 mm WHITE LINE
STA. 3+020.0 TO 3+060.0, SOLID LT.
STA. 3+038.0 TO 3+060.0, SOLID RT.

ADJUST ELEVATION OF VALVE BOX
STA. 3+040.0, ℄ - VALVE (PAVED OVER)



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
16	3+040.1, LT.	152	YES

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

LAYOUT SHEET #22

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150p22.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 43 OF 105

~~TEMPORARY &~~ DURABLE 150 mm WHITE LINE
STA. 3+060.0 TO 3+200.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 3+060.0 TO 3+200.0, SOLID LT. & RT.

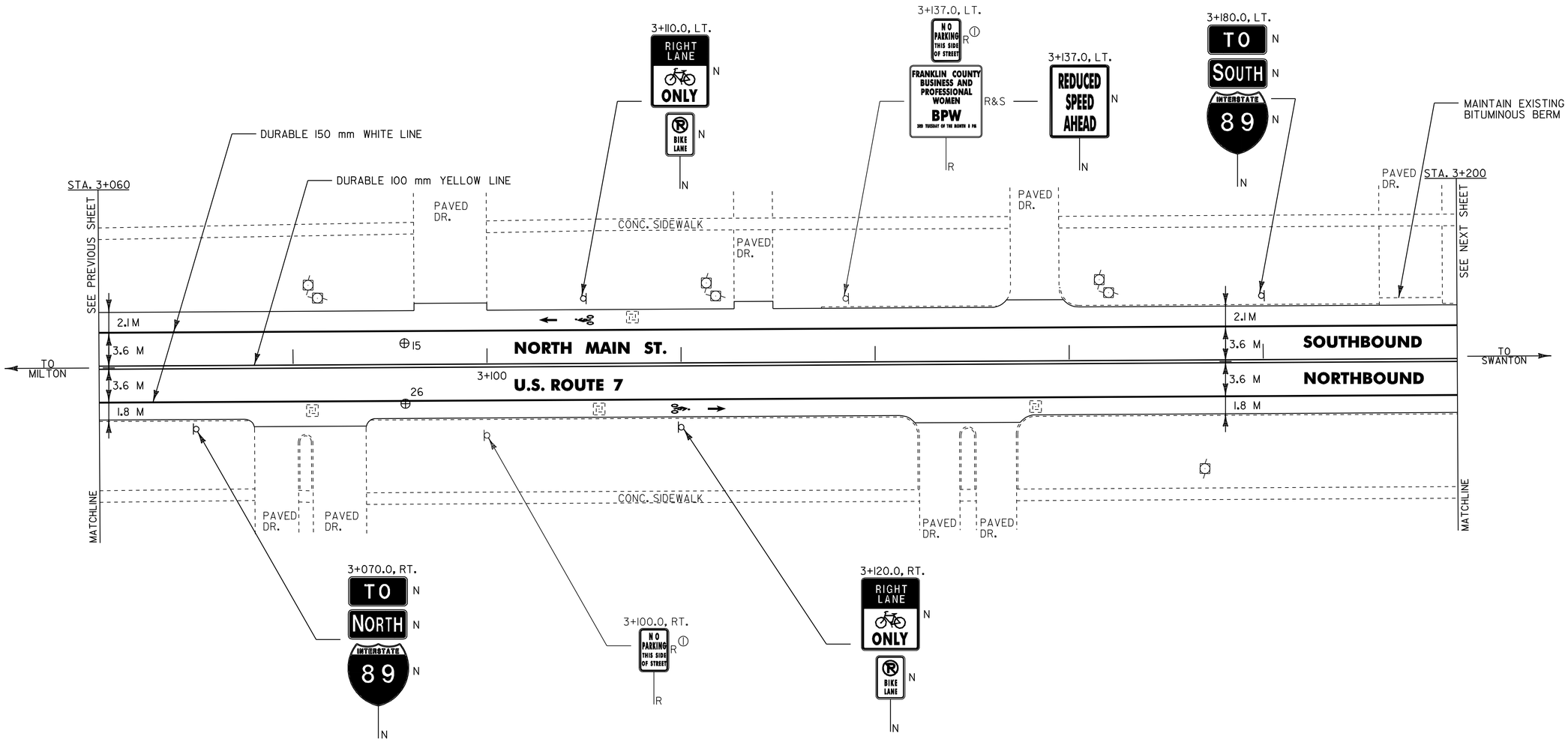
REMOVING SIGNS
AS SHOWN - 3

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 3+082.0, RT. - DI
STA. 3+111.5, RT. - DI
STA. 3+115.0, LT. - DI
STA. 3+156.5, RT. - DI

LETTER OR SYMBOL (MOD.)
STA. 3+~~106.4~~, LT. - " → " 120.0
STA. 3+~~110.0~~, LT. - " ↱ " 123.0
STA. 3+~~120.0~~, RT. - " ↰ " 138.0
STA. 3+~~123.6~~, RT. - " → " 142.0

TEMPORARY LETTER OR SYMBOL (MOD.)
STA. 3+106.4, LT. - " → " 120.0
STA. 3+110.0, LT. - " ↱ " 123.0
STA. 3+120.0, RT. - " ↰ " 138.0
STA. 3+123.6, RT. - " → " 142.0

VAOT Metric



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
15	3+091.5, LT.	178	NO
26	3+091.5, RT.	178	YES

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

Dufresne-Henry

LAYOUT SHEET #23

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p23.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 44 OF 105

~~TEMPORARY &~~ DURABLE 150 mm WHITE LINE
STA. 3+200.0 TO 3+360.0, SOLID LT. & RT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 3+200.0 TO 3+360.0, SOLID LT. & RT.

REMOVING SIGNS
AS SHOWN - 10

ERECTING SALVAGED SIGNS
AS SHOWN - 4

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 3+238.0, LT. - DI
STA. 3+254.0, RT. - DI
STA. 3+307.0, RT. - DI
STA. 3+323.0, RT. - DI
STA. 3+314.0, LT. - DI

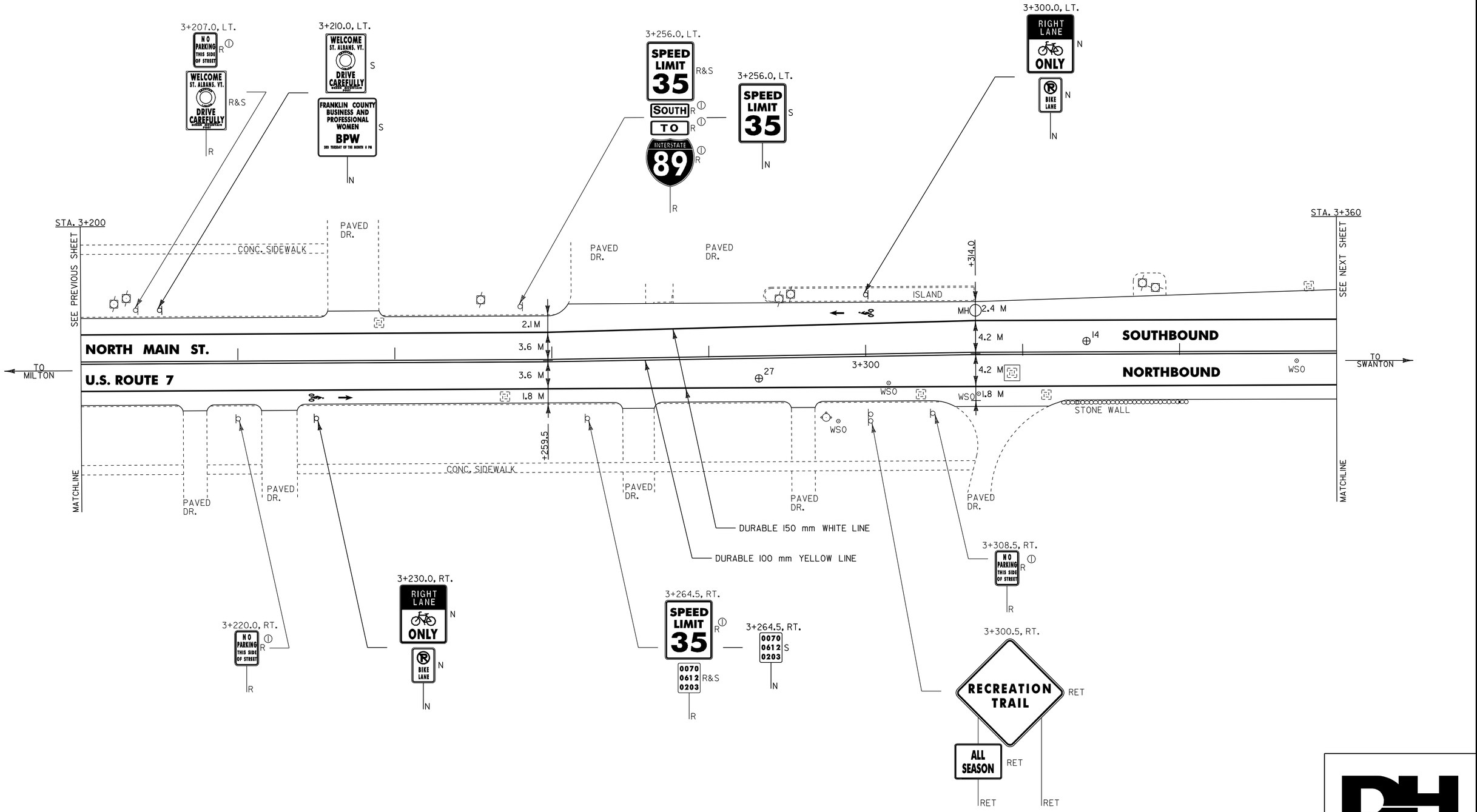
ADJUST ELEVATION OF VALVE BOX
STA. 3+303.0, RT. - WSO
STA. 3+314.0, RT. - WSO
STA. 3+354.5, RT. - WSO

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 3+314.0, LT. - MH~~
STA. 3+317.5, RT. - MH (CONCRETE COLLAR)

VTrans Metric

LETTER OR SYMBOL (MOD.)
STA. 3+~~230.0~~, RT. - ' ' 249.0
STA. 3+~~233.6~~, RT. - ' ' 253.0
STA. 3+~~296.4~~, LT. - ' ' 331.0
STA. 3+~~300.0~~, LT. - ' ' 334.0

TEMPORARY LETTER OR SYMBOL (MOD.)
STA. 3+~~230.0~~, RT. - ' ' 249.0
STA. 3+~~233.6~~, RT. - ' ' 253.0
STA. 3+~~296.4~~, LT. - ' ' 331.0
STA. 3+~~300.0~~, LT. - ' ' 334.0



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
14	3+328.1, LT.	152	YES
27	3+286.3, RT.	127	YES

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

Dufresne-Henry

LAYOUT SHEET #24

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p24.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 45 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 3+447.0, RT. (LAKEVIEW TERR. EDGELINES)

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 3+360.0 TO 3+510.0, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR LAKEVIEW TERR.)
STA. 3+447.0, DOUBLE SOLID RT. (LAKEVIEW TERR.)

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 3+447.0, RT. (LAKEVIEW TERR.)

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 3+447.0, RT. - "STOP"

REMOVING SIGNS
AS SHOWN - 4

ERECTING SALVAGED SIGNS
AS SHOWN - 3

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 3+393.0, RT. - DI
STA. 3+438.0, RT. - DI
STA. 3+452.0, RT. - DI
STA. 3+454.0, LT. - DI
STA. 3+431.0, LT.

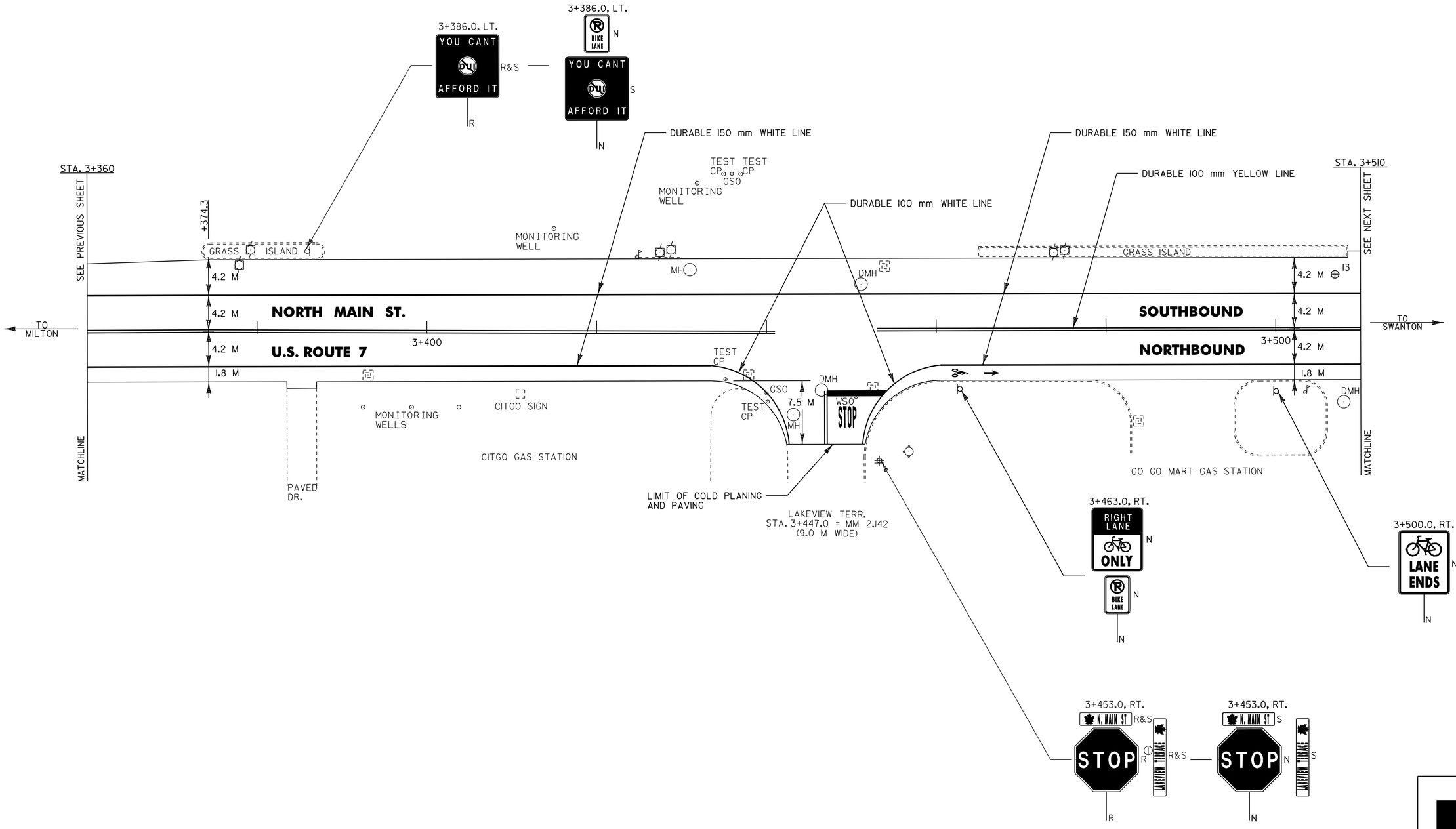
ADJUST ELEVATION OF VALVE BOX
~~STA. 3+435.0, RT. - TEST CP~~
~~STA. 3+440.0, RT. - TEST CP~~
STA. 3+450.0, RT. - WSO
STA. 3+453.0, RT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 3+431.0, LT. - MH~~
~~STA. 3+443.0, RT. - MH~~
~~STA. 3+446.0, RT. - DRAIN MH~~
STA. 3+452.0, LT. - DRAIN MH

LETTER OR SYMBOL (MOD.)
STA. 3+~~463.0~~, RT. - " " 475.0
STA. 3+~~466.6~~, RT. - " " 480.0

TEMPORARY LETTER OR SYMBOL (MOD.)
STA. 3+~~463.0~~, RT. - " " 475.0
STA. 3+~~466.6~~, RT. - " " 480.0

~~TEMPORARY &~~ DURABLE 150 mm WHITE LINE
STA. 3+360.0 TO 3+510.0, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR LAKEVIEW TERR.)



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
13	3+506.8, LT.	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 STANDARD E-193M.

LAYOUT SHEET #25

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p25.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 46 OF 105

~~TEMPORARY &~~ DURABLE 100 mm WHITE LINE
STA. 3+560.0 TO 3+640.40, SOLID RT.
(WITH EDGELINE BREAK FOR VT ROUTE 105
STA. 3+568.0, DOUBLE SOLID RT. (VT ROUTE 105 EDGELINES)
STA. 3+568.0 TO 3+640.40, SOLID LT.

TEMPORARY & DURABLE 100 mm YELLOW LINE
STA. 3+510.0 TO 3+640.40, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR VT ROUTE 105
STA. 3+568.0, DOUBLE SOLID RT. (VT ROUTE 105 CENTERLINE)

~~TEMPORARY &~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 3+568.0, RT. (VT ROUTE 105)

~~TEMPORARY &~~ DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 3+568.0, RT. - "STOP"

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
STA. 3+585.0, RT. - DI

REMOVING SIGNS
AS SHOWN - 3

LETTER OR SYMBOL (MOD.)
STA. 3+~~536.4~~, LT. - → 548.0'
STA. 3+~~540.0~~, LT. - ⇦ 552.0
STA. 3+~~536.4~~, RT. - ⇦ 552.0
STA. 3+~~540.0~~, RT. - → 555.0

TEMPORARY LETTER OR SYMBOL (MOD.)
STA. 3+~~536.4~~, LT. - → 548.0'
STA. 3+~~540.0~~, LT. - ⇦ 552.0
STA. 3+~~536.4~~, RT. - ⇦ 552.0
STA. 3+555.0, RT. - →

~~TEMPORARY &~~ DURABLE 150 mm WHITE LINE
STA. 3+510.0 TO 3+557.6, SOLID RT.
STA. 3+510.0 TO 3+568.0, SOLID LT.

~~CHANGING ELEVATION OF DI'S, CB'S OR MH'S~~
~~STA. 3+512.0, RT. - DRAIN MH~~

BITUMINOUS CONCRETE GUTTER
STA. 3+566.0, LT.
~~STA. 3+568.0 TO 3+608.0, RT.~~
~~(FOR DETAILS SEE SHEET 13)~~

ADJUST ELEVATION OF VALVE BOX
STA. 3+563.0, RT. - WSO

3+558.0, LT. SPEED LIMIT 35 N
3+558.0, LT. BEGIN SPEED 35 MPH R①
3+540.0, LT. RIGHT LANE ONLY N
BIKE LANE N
3+589.0, LT. STATE ROUTE U.S. 7 ENDS RET
ST. ALBANS CITY | ST. ALBANS TOWN R①
DO NOT PASS R① 0070 0612 0113 RET
3+575.0, LT. LANE AHEAD N
3+589.0, LT. ST. ALBANS CITY | ST. ALBANS TOWN N

3+606.0, RT.
SWANTON 8 RET
CANADA 15 RET
ENOSBURG FALLS 18 RET
SHELDON JCT 11 RET
NORTH TO EAST RET(3)
7 INTERSTATE 89 VERMONT 105 RET(3)
RET RET(3) RET

3+612.5, RT.
RECREATION TRAIL RET
RECREATION PARKING RET
RET

END STP 9804(1)S
U.S. ROUTE 7
ST. ALBANS CITY
STA. 3+640.4 = MM 2.262

STA. 3+510
SEE PREVIOUS SHEET
+520.0
+551.0
+568.0
+588.5
+619.8
BIT. GUTTER
1.5 M
GRASS ISLAND
CONCRETE PEDESTAL
DRIVE
DRIVE
DRIVE
* MATCH EXISTING CONDITIONS
4.2 M
4.2 M
4.2 M
NORTH MAIN ST.
U.S. ROUTE 7
2.1
2.1 M
4.2 M
3.9 M
1.8 M
3.0 M
3.9 M SOUTHBOUND
3.9 M NORTHBOUND
TO MILTON
TO SWANTON
DRAIN MH
GSO
WSO
MH
3+600
0.9 M
BIKE TRAIL
MATCHLINE
50.0 M
BIT. GUTTER
1.5 M
0.6 M
3.6 M
3.6 M
0.6 M
STOP
DURABLE 100 mm WHITE LINE
VT ROUTE 105
STA. 3+568.0 = MM 2.217
(8.4 M WIDE)
LIMIT OF COLD PLANING AND PAVING

3+629.0, RT.
THROUGH WAY BEGINS HERE RET
THROUGH WAY ENDS HERE RET
SPEED LIMIT 40 RET B-B
RET

3+602.0, RT.
STOP RET
RET B-B
1050 0613 0113 RET

3+525.0, RT.
SHARE THE ROAD N
N

3+608.0, RT.
SHELDON RD RET
RET

3+620.0, RT.
PEARL HARBOR MEMORIAL HIGHWAY VERMONT 105 RET
RET

3+629.0, RT.
THROUGH WAY BEGINS HERE RET
THROUGH WAY ENDS HERE RET
STATE HIGHWAY BEGINS RET
STATE HIGHWAY ENDS RET
RET B-B

DURABLE 150 mm WHITE LINE
DURABLE 100 mm YELLOW LINE

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

LAYOUT SHEET #26

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S
FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50p26.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 47 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	NEW & SALVAGED SIGNS: EA	SIGN DIMENSIONS: WIDTH (mm)	SIGN DIMENSIONS: HEIGHT (mm)	NEW & SALVAGED SIGNS: "A"	"B"	SALV SIGN	SALV TIS	EXIST POST: RETAIN	EXIST POST: SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m: 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m: 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 0+000.0, RT.	SPEED LIMIT 35	1	600	750	0.45						1			X		3.54 X																				E-142M
	THROUGH WAY ENDS HERE / STATE HIGHWAY BEGINS (B-B)	1	600	600	0.36																														E-141M
		1	600	450	0.27																														E-141M
0+000.0, RT.	0070 0613 0112	1	150	200	0.03				X																								NEW SIGNS MOUNTED BELOW EXISTING TOWN LINE SIGN ON EXISTING POST.		E-138M
	0070 0612 0000	1	150	200	0.03																														E-138M
0+000.0, LT.	SPEED LIMIT 40	1	600	750	0.45						1			X		3.54 X																				E-142M
	THROUGH WAY BEGINS HERE / STATE HIGHWAY ENDS (B-B)	1	600	600	0.36																														E-141M
		1	600	450	0.27																														E-141M
0+018.8, RT.	STOP	1	750	750	0.56						1			X		2.96 X																				E-143M
0+104.5, RT.	R HERE TO CORNER	1	300	450	0.14						1			X		2.77 X																				64	
0+128.5, RT.	STOP	1	750	750	0.56						1			X		2.90 X																				E-143M
0+231.3, LT.	STOP	1	750	750	0.56						1			X		3.44 X																				E-143M
0+242.1, LT.		1	600	750	0.45						1			X		2.93 X																				E-144M
		1	450	450	0.20																														E-150M
0+312.3, RT.	STOP	1	750	750	0.56						1			X		2.96 X																				E-143M
0+431.5, LT	Industrial Park next right 1/8						1				2			X		3.10 X 3.54																		EXISTING SIGN MOUNTED ON NEW POSTS	-	-
												46.0			m 46.0	m	EA	kg	kg	kg		kg	kg	kg	kg								
TOTALS		m² 5.25	m²	EA. 1	m²							m ~~46.0~~			m ~~46.0~~ 31.68			kg			EA.	kg				EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pd150t01.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 48 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 0+537.4, RT.	STOP	1	750	750	0.56						1			X		2.99 X																			E-143M
0+550.0, RT.	HERE TO CORNER	1	300	450	0.14						1			X		2.71 X																		64	
0+687.0, RT.		1	750	750	0.56						1			X		3.35 X																			E-153M
	AHEAD	1	600	300	0.18																													65	
0+735.0, RT.	TO INTERSTATE 89	1	600	300	0.18																														E-135M E-135M
		1	600	600	0.36						1			X		3.51 X																			E-135M
		1	525	375	0.20																														
	0070 0612 0047	1	150	200	0.03																														E-138M
0+766.5, RT.	ONLY	1	750	750	0.56						1			X		2.93 X																			E-145AM
0+825.0, RT.	SPEED LIMIT 35						1				1			X		2.99 X																		-	-
0+849.5, LT.	END SCHOOL ZONE	1	600	750	0.45						1			X		3.75 X																		64	
	SPEED LIMIT 35						1																											-	-
0+862.0, RT	TO INTERSTATE 89	1	600	300	0.18																														E-135M
		1	600	600	0.36						1			X		3.47 X																			E-135M
		1	525	375	0.20																														E-135M
TOTALS		m² 3.96		m²	EA. 2		m²					m ~~36.8~~		36.8		m 36.8	m ~~36.8~~ 25.70	EA	kg	kg	kg	EA.	kg	kg	kg	kg	EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

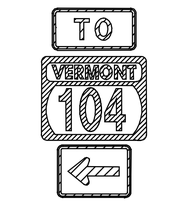
PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t02.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 49 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																								
U.S. ROUTE 7							2																											- -	- -
0+894.5, LT							2				1			X		3.78 X 3.78																X		- -	- -
							1																											-	-
		1	600	300	0.18																														E-136BM
0+928.5, LT		1	750	600	0.45						1			X		3.48 X																			E-136BM
		1	525	375	0.20																														E-136BM
0+962.0, RT		1	750	750	0.56						1			X		2.99 X																			E-145AM
0+970.0, LT		1	750	750	0.56						1			X		3.08 X																			E-145AM
0+978.0, LT							2				1			X		2.74 X																		SALVAGED STREET SIGNS TO BE INSTALLED 90° TO EACH OTHER MOUNTED 150 mm ABOVE THE NEW STOP SIGN USING A POST TOP MOUNTING BRACKET, MOUNTED ON A NEW POST.	-	-
		1	750	750	0.56																														E-143M
1+010.5, LT		1	600	300	0.18																														E-135M
		1	600	600	0.36						1			X		3.44 X																			E-135M
		1	525	375	0.20																														E-135M
1+021.0, LT							1				1			X		3.11 X																			-	-
							1																												-	-
		m² 3.25	m²	m²	EA. 9	m²					m ~~32.2~~		32.2		m 32.2	m ~~32.2~~ 26.40		EA	kg	kg	kg	EA.	kg	kg	kg	kg	EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t03.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 50 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 1+028.0, RT		1	750	750	0.56						1			X		3.35 X																				E-153M
		1	600	300	0.18																															65	
1+029.0, LT		1	750	750	0.56						1			X		3.23 X																				E-153M
		1	600	300	0.18																															65	
1+060.0, LT.		1	750	750	0.56						1			X		2.93 X																				E-145AM
1+086.0, LT.		1	300	450	0.14						1			X		2.65 X																				64	
1+099.0, LT.		1	750	750	0.56						1			X		2.93 X																				E-143M
1+132.0, RT.							1				1			X		2.87 X																				-	-
1+162.0, RT.		1	600	750	0.45						1			X		3.72 X																				64	
							1																													-	-
1+216.0, LT.		1	300	300	0.09						1			X		2.68 X																				E-143M
1+225.5, RT.		1	750	750	0.56						1			X		3.23 X																				E-152M
		1	600	300	0.18																															65	
1+234.2, LT.		1	750	750	0.56						1			X		3.29 X																				E-152M
		1	600	300	0.18																															65	
TOTALS		m² 4.76		m²	EA. 2			m²				m ~~46.0~~	46.0			m ~~46.0~~ 30.88	m		EA	kg	kg	kg		EA.	kg	kg	kg	kg	EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t04.1
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 51 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 I+242.0, RT.	STOP	1	750	750	0.56						1			X		2.71 X																				E-143M
I+254.8, RT.	HERE TO CORNER	1	300	450	0.14						1			X		2.68 X																				64	
I+255.5, LT.	AHEAD	1	750	750	0.56						1			X		3.17 X																				E-153M
		1	600	300	0.18																															65	
I+271.5, LT.	STOP	1	750	750	0.56						1			X		2.83 X																				E-143M
I+280.1, LT.	NO OUTLET	1	750	750	0.56						1			X		2.99 X																				65	
I+293.5, LT.	HERE TO CORNER	1	300	450	0.14						1			X		3.14 X																				64	
	RESERVED PARKING	1	300	450	0.14																															64	
I+333.5, RT.	REDUCED SPEED AHEAD	1	600	750	0.45						1			X		2.96 X																				E-142M
I+352.0, RT.	HERE TO CORNER	1	300	450	0.14						1			X		2.59 X																				64	
I+374.2, RT.	STOP	1	750	750	0.56						1			X		2.96 X																				E-143M
I+378.9, LT.	SPEED LIMIT 35	1	600	750	0.45						1			X		2.96 X																				E-142M
TOTALS					m² 4.44	m²	EA.	m²				m ~~46.0~~		46.0		m 46.0	m ~~46.0~~ 28.99		EA	kg	kg	kg		kg	kg	kg	kg									

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t05.1

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 52 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																								
U.S. ROUTE 7 I+425.0, LT.	HERE TO CORNER	I	300	450	0.14						I			X		2.62 X																		64	
I+429.0, RT.	BETWEEN SIGNS	I	300	450	0.14						I			X		2.62 X																		64	
I+441.0, LT.	STOP	I	750	750	0.56						I			X		2.71 X																			E-143M
I+447.5, LT.	BETWEEN SIGNS	I	300	450	0.14						I			X		2.68 X																		64	
I+480.0, RT.	ONLY	I	900	750	0.68						I			X		2.96 X																			E-145AM
I+510.0, RT.	BETWEEN SIGNS	I	300	450	0.14						I			X		2.62 X																		64	
I+515.0, LT.	BETWEEN SIGNS	I	300	450	0.14						I			X		2.62 X																		64	
I+527.0, LT.	ONLY	I	900	750	0.68						I			X		2.99 X																			E-145AM
I+563.0, LT.							I				I			X		3.29 X																		-	-
I+565.0, RT.	HERE TO CORNER	I	300	450	0.14						I			X		2.56 X																		64	
I+570.0, LT.	ONLY	I	900	750	0.68						I			X		3.02 X																			E-145AM
I+598.4, LT.	HERE TO CORNER	I	300	450	0.14						I			X		2.68 X																		64	
I+634.0, LT.	RESERVED PARKING	I	300	450	0.14						I			X		2.62 X																		64	
I+646.8, LT.	RESERVED PARKING	I	300	450	0.14						I			X		2.65 X																		64	
												64.4			m 64.4	m	EA	kg	kg	kg		kg	kg	kg	kg									
TOTALS		m² 3.86	m²	EA. 1	m²							m ~~64.4~~			m ~~64.4~~ 38.64			kg			EA.	kg				EA.	EA.	kg						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t06.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 53 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																								
U.S. ROUTE 7 I+662.0, RT.	ANY TIME	1	300	450	0.14				X																									MOUNT NEW SIGN BELOW EXISTING EXISTING SIGN ON EXISTING POST.	64	
I+670.0, LT.	SPEED LIMIT 25	1	600	750	0.45						1			X		2.87 X																			E-142M
I+685.0, LT.	HERE TO CORNER	1	300	450	0.14						1			X		2.65 X																			64	
I+700.5, LT.	STOP	1	750	750	0.56						1			X		2.96 X																			E-143M
I+717.0, RT.		1	750	750	0.56						1			X		3.26 X																			E-152M
		1	600	300	0.18																														65	
I+725.6, LT.		1	750	750	0.56						1			X		3.78 X																			E-152M
	HERE TO STOP	1	600	300	0.18																														65	
		1	300	450	0.14																														64	
I+755.5, RT.		1	750	750	0.56						1			X		3.23 X																			E-152M
		1	600	300	0.18																														65	
I+761.5, LT.		1	750	750	0.56						1			X		3.23 X																			E-152M
		1	600	300	0.18																														65	
I+764.0, RT.	BETWEEN SIGNS	1	300	450	0.14						1			X		2.65 X																			64	
I+798.0, RT.	BETWEEN SIGNS	1	300	450	0.14						1			X		2.65 X																			64	
												41.4			m 41.4	m		EA	kg	kg	kg		kg	kg	kg	kg									
TOTALS		m² 4.67		m²	EA.	m²						m ~~41.4~~			m ~~41.4~~ 27.28				kg	EA.	kg		EA.	EA.	kg									

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

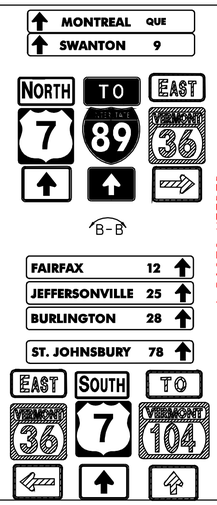
PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t07.1
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 54 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
														OPTION ITEMS																							
U.S. ROUTE 7 I+803.0, LT.		1	750	750	0.56						1			X		2.95 X																			E-143M
I+818.0, RT.		1	750	750	0.56						1			X		2.96 X																			E-143M
I+819.0, RT.		1	750	750	0.56						1			X		3.26 X																			E-152M
		1	600	300	0.18																														65
I+825.5, LT.		1	750	750	0.56	NO								NOT DONE																				MOUNT NEW SIGNS ON EXISTING LIGHT POLE		E-152M
		1	600	300	0.18	NO																													65
I+855.0, RT.		1	900	750	0.68						1			X		3.44 X																			E-145AM
							1																												-
I+942.2, RT	 4 POSTS NEEDED	1	1800	250	0.45																														E-123M
		1	1800	250	0.45																														E-123M
		1	600	300	0.18																														E-136AM
		1	600	600	0.36																														E-136AM
		1	525	375	0.20																														E-136AM
		1	600	300	0.18																														E-135M
		1	600	600	0.36																														E-135M
		1	525	375	0.20																														E-135M
		1	600	300	0.18						4 ~~2~~			X		4.02 X																	X	MOUNT NEW SIGNS BACK TO BACK ON NEW POSTS		E-136BM
		1	600	600	0.36											4.02																			E-136BM
		1	525	375	0.20																														E-136BM
		1	1800	250	0.45																														E-123M
		1	1800	600	0.45									X		X																			E-123M
		1	1800	600	0.45																														E-123M
		1	600	300	0.18									X		X																			E-136BM
		1	600	600	0.36																														E-136BM
		1	525	375	0.20																														E-136BM
		1	600	300	0.18																														E-136AM
		1	600	600	0.36																														E-136AM
		1	525	375	0.20																														E-136AM
		1	600	300	0.18																														E-136BM
		1	750	600	0.45																														E-136BM
		1	525	375	0.20																														E-136BM
TOTALS		m² 10.51		m²	EA. 1	m²						m ~~27.6~~ 27.6				m ~~27.6~~ 20.65 m 27.6	m	EA	kg	kg	kg	EA	kg	kg	kg	kg	EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

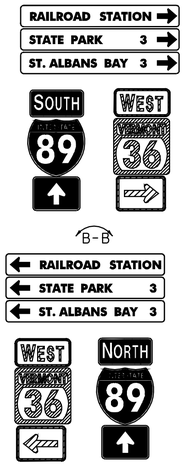
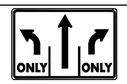
PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50+08.1
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 55 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) 44 kg/m 3.4	50 kg/m 3.9	63 kg/m 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) 75 kg/m 1.9	100 kg/m 2.5	100 MOD kg/m 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	75 kg/m 11.3	89 kg/m 13.4	100 kg/m 16.1	125 kg/m 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 I+975.0, RT		1	750	750	0.56						1			X		2.93 X																				E-145AM
I+989.0, LT		1	750	750	0.56						1			X		2.93 X																		INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-145AM
I+999.5, RT		1	1800	250	0.45																															E-123M
		1	1800	250	0.45																															E-123M
		1	1800	250	0.45																															E-123M
		1	600	300	0.18																															E-135M
		1	600	600	0.36																															E-135M
		1	525	375	0.20																															E-135M
		1	600	300	0.18																															E-136BM
		1	600	600	0.36																															E-136BM
		1	525	375	0.20																															E-136BM
										2																								MOUNT NEW SIGNS BACK TO BACK IN EXISTING WOOD FRAME		
		1	1800	250	0.45																															E-123M
		1	1800	250	0.45																															E-123M
		1	1800	250	0.45																															E-123M
		1	600	300	0.18																															E-136BM
		1	600	600	0.36																															E-136BM
		1	525	375	0.20																															E-136BM
		1	600	300	0.18																															E-135M
		1	600	600	0.36																															E-135M
		1	525	375	0.20																															E-135M
2+011.5, LT.		1	300	450	0.14						1			X		2.68 X																		INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-12IM	64	
2+034.0, LT.		1	1200	750	0.90						2			X		2.95 X 2.96																		INSTALL POSTS USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-145BM
2+079.5, RT		1	750	750	0.56						1			X		3.23 X																				E-152M
		1	600	300	0.18																															65	
TOTALS					m² 8.56	m²	EA.	m²				m 27.6			m 27.6	m		EA	kg	kg	kg	EA.	kg	kg	kg	kg	EA.	EA.	kg						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t09.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 56 OF 105

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUND-ATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7																																				
2+082.3, LT		1	750	750	0.56						1			X		3.29 X																			E-152M	
		1	600	300	0.18																														65	
2+125.0, RT		1	750	750	0.56						1			X		2.90 X																		INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-145AM
2+142.0, LT.		1	750	750	0.56						1			X		3.29 X																				E-152M
		1	600	300	0.18																														65	
2+142.0, RT.		1	750	750	0.56						1			X		3.23 X																				E-152M
		1	600	300	0.18																														65	
2+145.8, LT.		1	750	750	0.56						1			X		2.93 X																		INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-143M
2+191.0, RT		1	750	750	0.56						1			X		2.96 X																		INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-143M
2+193.0, RT		1	750	750	0.56						1			X		3.29 X																		INSTALL NEW POST USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-152M
		1	600	300	0.18																														65	
2+193.5, LT		1	750	750	0.56						1			X		3.29 X																		INSTALL NEW POST USING SLEEVE AS DETAILED ON STANDARD E-12IM		E-152M
		1	600	300	0.18																														65	
2+204.0, LT.		1	900	300	0.27						1			X		2.56 X																		NEW SIGNS SHALL BE MOUNTED USING MOUNTING BRACKET AS DETAILED ON STANDARD E-160M, IN SLEEVE AS DETAILED ON STANDARD E-12IM		E-142M
		1	900	300	0.27																															E-142M
2+303.0, RT.		1	750	750	0.56						1			X		2.90 X																				E-143M
TOTALS		m² 6.48		m²	EA.	m²						m 46.0 ~~46.0~~				m 46.0	m ~~46.0~~ 30.64	EA	kg			EA.	kg				EA.	EA.	kg						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50t10.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 57 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7																																			
2+305.2, RT.		1	750	750	0.56						1			X		3.26 X																			E-152M
		1	600	300	0.18																													65	
2+305.2, LT.		1	750	750	0.56						1			X		3.29 X																	INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-121M		E-152M
		1	600	300	0.18																													65	
2+316.0, LT.	ONE WAY / ONE WAY	1	900	300	0.27						1			X		2.53 X																	INSTALL POST USING SLEEVE AS DETAILED ON STANDARD E-121M		E-142M
		1	900	300	0.27																														E-142M
2+377.0, LT.	STOP	1	750	750	0.56				1							2.93																	INSTALL NEW SIGN BACK TO BACK WITH EXISTING "DO NOT ENTER" SIGN ON EXISTING POST		E-143M
2+377.0, LT.	ONLY ONLY	1	900	750	0.68						1			X		2.96 X																			E-145AM
2+311.0, RT.		1	600	600	0.36											2.47 X																			
2+388.0, LT.	DO NOT ENTER B-B STOP	1	750	750	0.56		1				1			X		2.90 X																	MOUNT NEW STOP SIGN BACK TO BACK WITH SALVAGED DO NOT ENTER SIGN ON A NEW POST.	-	- E-143M
2+389.5, LT.	ONE WAY / ONE WAY	1	900	300	0.27		1				1			X		2.56 X																	SIGNS SHALL BE MOUNTED USING MOUNTING BRACKET AS DETAILED ON STANDARD E-160M	-	E-142M -
2+432.0, RT.		1	300	300	0.09						1			X		2.50 X																			E-143M
2+433.0, LT.		1	300	300	0.09						1			X		2.56 X																			E-143M
2+460.0, RT.	ONLY	1	750	750	0.56						1			X		2.93 X																			E-145AM
2+499.0, RT.		2	600	750	0.90						2			X		2.87 X																	INSTALL EACH NEW SIGN ASSEMBLY AT EITHER END OF EXISTING ISLAND USING SLEEVES AS DETAILED ON STANDARD E-121M		E-144M
		2	450	450	0.40																														E-150M
TOTALS			m² 6.13 6.49	m²	EA. 2	m²						m 50.6				m 50.6 33.76		EA		kg		EA.	kg				EA.	EA.	kg						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pdl50tlll
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 58 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7	SOUTH / 7	1	600	300	0.18																															E-136AM
		1	600	600	0.36																															E-136AM
2+500.0, LT.							1				1			X		3.20 X																		-	-
	Travel Information 0070 0612 0157	1	150	200	0.03																															E-138M
2+538.0, LT.	ONLY	1	750	750	0.56						1			X		2.83 X																			E-145AM
2+547.0, LT.	R	1	300	300	0.09						1			X		2.50 X																			E-143M
2+551.0, RT.		1	600	600	0.36						1			X		2.87 X																			E-143M
2+636.0, RT.	STOP	1	750	750	0.56						1			X		2.93 X																			E-143M
2+668.0, LT.	TO / INTERSTATE 89	1	600	300	0.18						1			X		3.14 X																			E-135M
		1	600	600	0.36																															E-135M
2+710.0, LT.	SPEED LIMIT 25						1				1			X		3.47 X																		-	-
	R	1	300	300	0.09																															E-143M
2+760.0, RT.	R	1	300	300	0.09						1			X		2.53 X																			E-143M
2+792.0, LT.	R	1	300	300	0.09						1			X		2.50 X																			E-143M
												41.4				m 41.4	m		EA	kg	kg	kg		kg	kg	kg	kg								
TOTALS			m² 2.95	m²	EA. 2	m²						m ~~41.4~~				m ~~41.4~~ 25.97				kg			EA.	kg				EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pdl50t12.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 59 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																								
U.S. ROUTE 7 2+798.0, LT.	STOP	1	750	750	0.56						1			X		2.77 X																			E-143M
2+807.0, LT.	NO OUTLET	1	750	750	0.56				1																							INSTALL NEW SIGN BELOW EXISTING STREET NAME SIGNS ON EXISTING POST	65	
2+849.0, RT.	ONLY	1	900	750	0.68						1			X		2.77 X																			E-145AM
2+870.0, LT.	R	1	300	300	0.09						1			X		2.74 X																			E-143M
2+908.0, RT.	R	1	300	300	0.09						1			X		2.56 X																			E-143M
2+952.0, LT.	ONLY	1	900	750	0.68						1			X		2.93 X																			E-145AM
2+972.0, LT.		1	750	750	0.56						1			X		3.35 X																			65	
	SHARE THE ROAD	1	450	600	0.27																															65	
2+979.0, RT.	SPEED LIMIT 35	1	600	750	0.45						1			X		2.99 X																			E-142M
2+995.0, LT.	SPEED LIMIT 25	1	600	750	0.45						1			X		3.02 X																			E-142M
3+010.0, RT.	LANE AHEAD	1	600	750	0.45						1			X		2.96 X																			66	
3+020.0, LT.	LANE ENDS	1	600	750	0.45						1			X		3.02 X																			66	
3+025.0, RT.		1	750	750	0.56						1			X		3.29 X																			E-152M	
		1	600	300	0.18																															65	
TOTALS		m² 6.03	m²	EA.	m²							m 50.6		50.6		m 50.6	m		EA	kg				kg				EA.	kg			EA.	EA.	kg		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

~~50.6~~ 32.40

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pd150t13.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 60 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 3+034.0, RT.		1	750	750	0.56						1			X		3.41 X																				E-152M
		1	600	300	0.18																															65
3+034.0, RT.	STOP	1	750	750	0.56						1			X		2.90 X																				E-143M
3+040.8, RT.	RIGHT LANE ONLY / BIKE LANE	1	600	750	0.45						1			X		3.29 X																				66
		1	300	450	0.14																															66
3+070.0, RT.	TO NORTH INTERSTATE 89	1	600	300	0.18																															E-135M
		1	600	300	0.18						1			X		3.47 X																				E-135M
		1	600	600	0.36																															E-135M
3+110.0, LT.	RIGHT LANE ONLY / BIKE LANE	1	600	750	0.45						1			X		3.44 X																				66
		1	300	450	0.14																															66
3+120.0, RT.	RIGHT LANE ONLY / BIKE LANE	1	600	750	0.45						1			X		3.38 X																				66
		1	300	450	0.14																															66
3+137.0, LT.	REDUCED SPEED AHEAD	1	600	750	0.45						1			X		2.90 X																				E-142M
3+180.0, LT.	TO SOUTH INTERSTATE 89	1	600	300	0.18																															E-135M
		1	600	300	0.18						1			X		3.60 X																				E-135M
		1	600	600	0.36																															E-135M
												36.8				m 36.8	m		EA	kg	kg	kg		kg	kg	kg	kg							
TOTALS					m² 4.96	m²	EA.	m²				m ~~36.8~~				m ~~36.8~~ 26.39				kg			EA.	kg				EA.	EA.	kg				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pd150t14.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 61 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	OPTION ITEMS																																		
U.S. ROUTE 7 3+210.0, LT.	WELCOME ST. ALBANS, VT. DRIVE CAREFULLY / FRANKLIN COUNTY BUSINESS AND PROFESSIONAL WOMEN BPW						1				1			X		3.60 X																		-	-
							1																											-	-
3+230.0, RT.	RIGHT LANE ONLY / BIKE LANE	1	600	750	0.45						1			X		3.47 X																		66	
		1	300	450	0.14																													66	
3+256.0, LT.	SPEED LIMIT 35						1				1			X		2.90 X																		-	-
3+264.5, RT.	0070 0612 0203						1				1			X		1.55 X																		-	-
3+300.0, LT.	RIGHT LANE ONLY / BIKE LANE	1	600	750	0.45						1			X		3.44 X																		66	
		1	300	450	0.14																													66	
3+386.0, LT.	BIKE LANE / YOU CANT DLL AFFORD IT	1	300	450	0.14						1			X		3.44 X																		66	
							1																											-	-
3+453.0, RT.	N. MAIN ST. STOP TRAFFIC YIELD						1 1				1			X		2.74 X																	SALVAGED STREET SIGNS TO BE INSTALLED 90° TO EACH OTHER MOUNTED 150 mm ABOVE THE NEW STOP SIGN USING A POST TOP MOUNTING BRACKET, MOUNTED ON A NEW POST.	- -	- -
		1	750	750	0.56																														E-143M
3+463.0, RT.	RIGHT LANE ONLY / BIKE LANE	1	600	750	0.45						1			X		3.38 X																		66	
		1	300	450	0.14																													66	
3+500.0, RT.	LANE ENDS	1	600	750	0.45						1			X		2.96 X																		66	
												41.4			m 41.4	m		EA	kg	kg	kg		kg	kg	kg	kg							
TOTALS			m² 2.92		m²		EA. 7		m²			m 41.4			m 41.4 27.48				kg			EA.	kg				EA.	EA.	kg				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pdl50t15.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 62 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

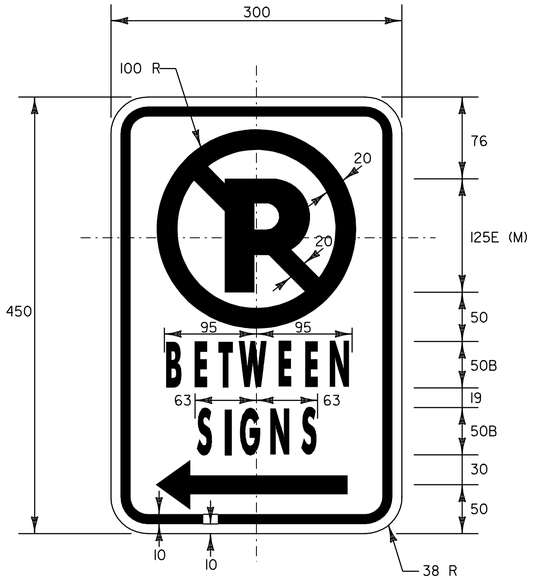
VAOT Metric

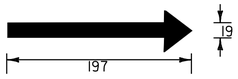
KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
U.S. ROUTE 7 3+525.0, RT.	SHARE THE ROAD	1	750	750	0.56						1			X		3.53 X																			65	
		1	450	600	0.27																														65	
3+540.0, LT.	RIGHT LANE ONLY / NO BIKE LANE	1	600	750	0.45						1			X		3.29 X																			66	
		1	300	450	0.14																														66	
3+558.0, LT.	SPEED LIMIT 35	1	600	750	0.45						1			X		2.74 X																				E-142M
3+575.0, LT.	LANE AHEAD	1	600	750	0.45						1			X		2.90 X																			66	
3+589.0, LT.	ST. ALBANS CITY | ST. ALBANS TOWN	1	1500	190	0.29				1																								MOUNT NEW TOWN LINE SIGN ON EXISTING POST		E-124M
	SHEET 48 TOTALS				5.25		1							46.0		~~46.0~~ 31.68																			
	SHEET 49 TOTALS				3.96		2							36.8		~~36.8~~ 25.70																			
	SHEET 50 TOTALS				3.25		9							32.2		~~32.2~~ 26.40																			
	SHEET 51 TOTALS				4.76		2							46.0		~~46.0~~ 30.88																			
	SHEET 52 TOTALS				4.44		-							46.0		~~46.0~~ 28.99																			
	SHEET 53 TOTALS				3.86		1							64.4		~~64.4~~ 38.64																			
	SHEET 54 TOTALS				4.67		-							41.4		~~41.4~~ 27.28																			
	SHEET 55 TOTALS				~~10.51~~	9.77	1							27.6		~~27.6~~ 20.65																			
	SHEET 56 TOTALS				8.56		-							27.6		~~27.6~~ 17.68																			
	SHEET 57 TOTALS				6.48		-							46.0		~~46.0~~ 30.64																			
	SHEET 58 TOTALS				~~6.13~~	6.49	2							50.6		~~50.6~~ 33.76																			
	SHEET 59 TOTALS				2.95		2							41.4		~~41.4~~ 25.97																			
	SHEET 60 TOTALS				6.03		-							50.6		~~50.6~~ 32.40																			
	SHEET 61 TOTALS				4.96		-							36.8		~~36.8~~ 26.39																			
	SHEET 62 TOTALS				2.92		7							41.4		~~41.4~~ 27.48																			
	SHEET 63 TOTALS				2.61		-							18.4		~~18.4~~ 12.46																			
	SUBTOTALS				~~80.96~~ 81.34		27							653.2		~~653.2~~ 437.0																			
	ROUNDING				~~.09~~ 1.66		-							12.8		12.8																			
	TOTALS	~~83~~ m²				m²	27 EA.	m²			~~666~~ m					~~666~~ 437 m																			
											666 m					~~666~~ m	m		EA	kg	kg	kg		kg	kg	kg	kg							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM_FILE_NAME: pdl50t16.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 63 OF 105





RED LEGEND, CIRCLE, DIAGONAL AND BORDER
WITH WHITE (REFL.) BACKGROUND
SEE VTrans STANDARD E-143M FOR MATERIALS

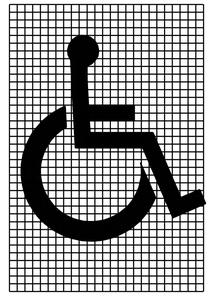
LOCATIONS

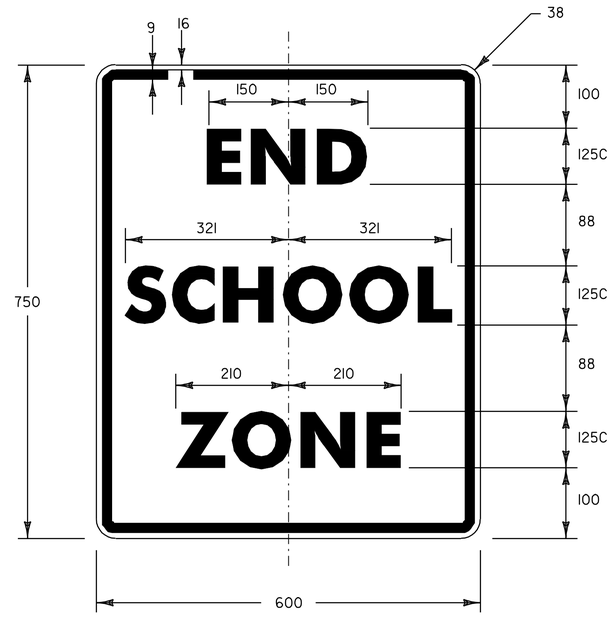
STA. 1+429.0, RT. (LEFT ARROW)
STA. 1+447.5, LT. (RIGHT ARROW)
STA. 1+510.0, RT. (RIGHT ARROW)
STA. 1+515.0, LT. (LEFT ARROW)
STA. 1+764.0, RT. (LEFT ARROW)
STA. 1+798.0, RT. (RIGHT ARROW)

COLOR: GREEN LEGEND & BORDER
WHITE SYMBOL ON BLUE BACKGROUND
WHITE BACKGROUND
SEE VTRANS STANDARD E-143M FOR MATERIALS

LOCATIONS

STA. 1+293.5, LT.
STA. 1+634.0, LT.
STA. 1+646.8, LT.

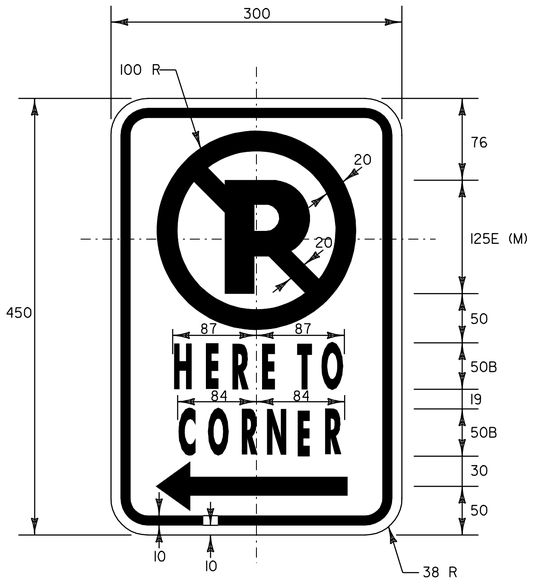


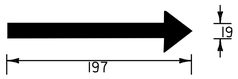


BLACK TEXT AND BORDER
WITH WHITE (REFL.) BACKGROUND
SEE VTrans STANDARD E-142M FOR MATERIALS

LOCATIONS

STA. 0+849.5, LT.
STA. 1+162.0, RT.

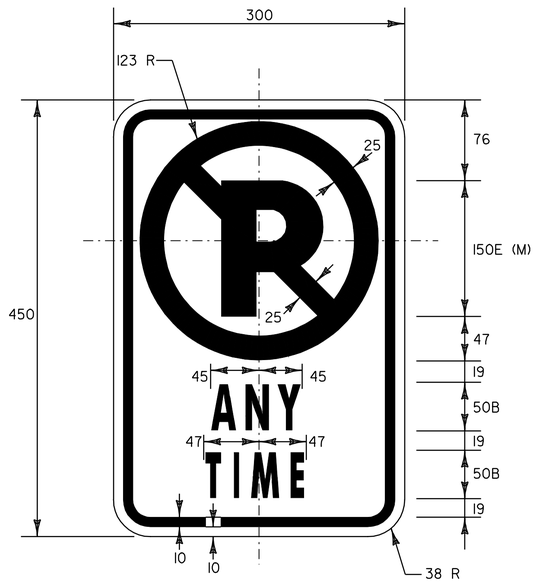




RED LEGEND, CIRCLE, DIAGONAL AND BORDER
WITH WHITE (REFL.) BACKGROUND
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

STA. 0+104.5, RT. (LEFT ARROW)
STA. 0+550.0, RT. (RIGHT ARROW)
STA. 1+086.0, LT. (RIGHT ARROW)
STA. 1+254.8, RT. (RIGHT ARROW)
STA. 1+293.5, LT. (LEFT ARROW)
STA. 1+352.0, RT. (LEFT ARROW)
STA. 1+425.0, LT. (RIGHT ARROW)
STA. 1+565.0, RT. (RIGHT ARROW)
STA. 1+598.4, LT. (LEFT ARROW)
STA. 1+685.0, LT. (RIGHT ARROW)
STA. 1+725.6, LT. (LEFT ARROW)
STA. 2+011.5, LT. (RIGHT ARROW)



RED LEGEND, CIRCLE, DIAGONAL AND BORDER
WITH WHITE (REFL.) BACKGROUND
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

STA. 1+662.0, RT.

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

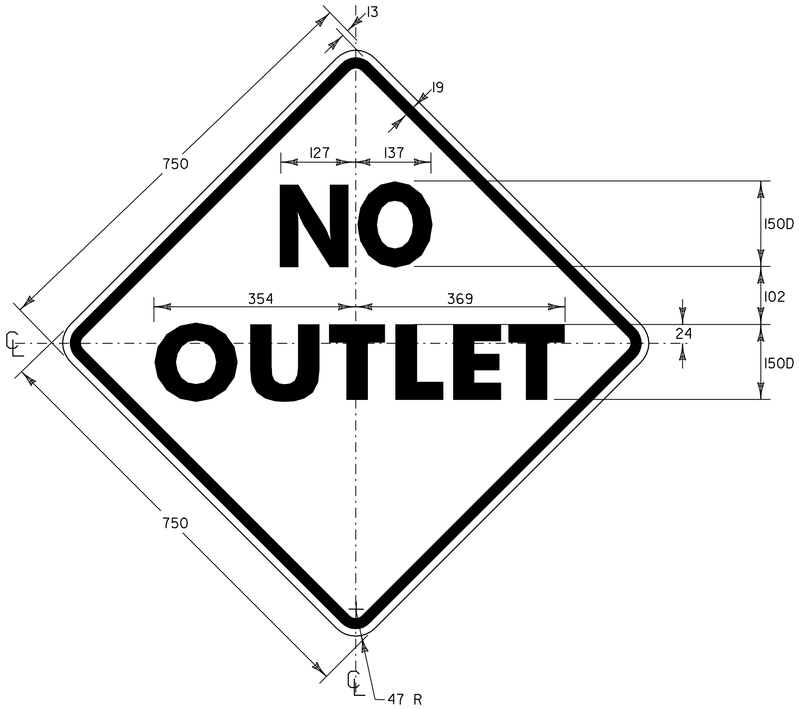
Dufresne-Henry

TRAFFIC SIGN DETAILS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150t17.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 64 OF 105

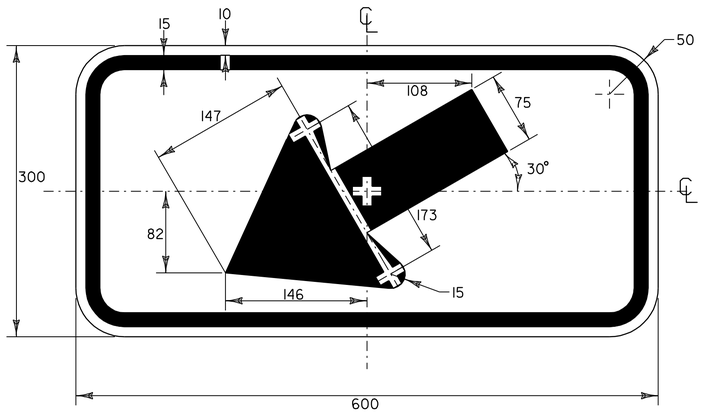


W14-2

BLACK BORDER & TEXT
WITH REFLECTORIZED YELLOW BACKGROUND
SEE VTrans STANDARD E-153M FOR MATERIALS

LOCATIONS

U.S ROUTE 7 STA. 1+280.1, LT.
U.S ROUTE 7 STA. 2+807.0, LT.



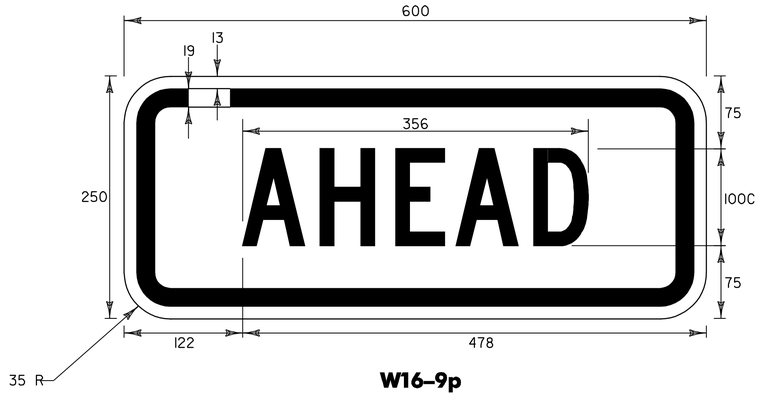
W16-7L

BLACK BORDER & SYMBOL
WITH REFLECTORIZED YELLOW BACKGROUND
SEE VTrans STANDARD E-153M FOR MATERIALS

LOCATIONS

U.S ROUTE 7 STA. 1+028.0, RT.
U.S ROUTE 7 STA. 1+029.0, LT.
U.S ROUTE 7 STA. 1+225.5, RT.
U.S ROUTE 7 STA. 1+234.2, LT.
U.S ROUTE 7 STA. 1+717.0, RT.
U.S ROUTE 7 STA. 1+725.6, LT.
U.S ROUTE 7 STA. 1+755.5, RT.
U.S ROUTE 7 STA. 1+761.5, LT.
U.S ROUTE 7 STA. 1+819.0, RT.
U.S ROUTE 7 STA. 1+825.5, LT. (MOUNTED ON LIGHT POLE)
U.S ROUTE 7 STA. 2+079.5, RT.
U.S ROUTE 7 STA. 2+082.3, LT.
U.S ROUTE 7 STA. 2+142.0, RT.
U.S ROUTE 7 STA. 2+142.0, LT.
U.S ROUTE 7 STA. 2+193.0, RT.
U.S ROUTE 7 STA. 2+193.5, LT.
U.S ROUTE 7 STA. 2+305.2, RT.
U.S ROUTE 7 STA. 2+305.2, LT.
U.S ROUTE 7 STA. 3+025.0, RT.
U.S ROUTE 7 STA. 3+034.0, RT.

W16-7R

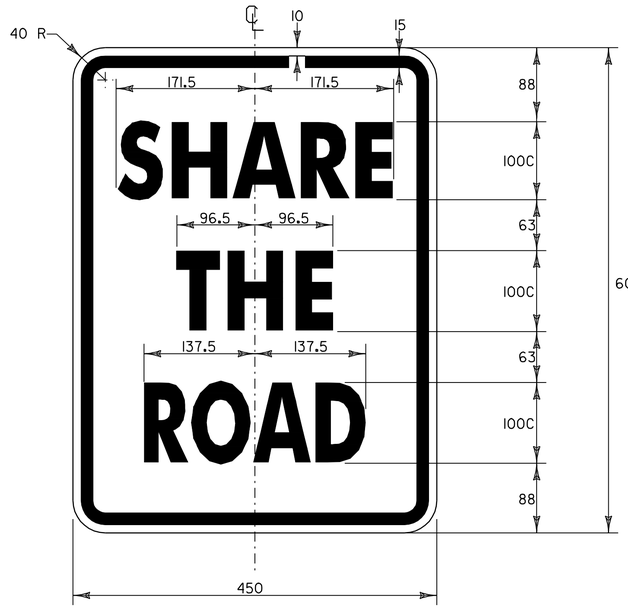


W16-9p

BLACK BORDER & TEXT
WITH REFLECTORIZED YELLOW BACKGROUND
SEE VTrans STANDARD E-153M FOR MATERIALS

LOCATIONS

U.S ROUTE 7 STA. 0+687.0, RT.
U.S ROUTE 7 STA. 1+255.5, LT.

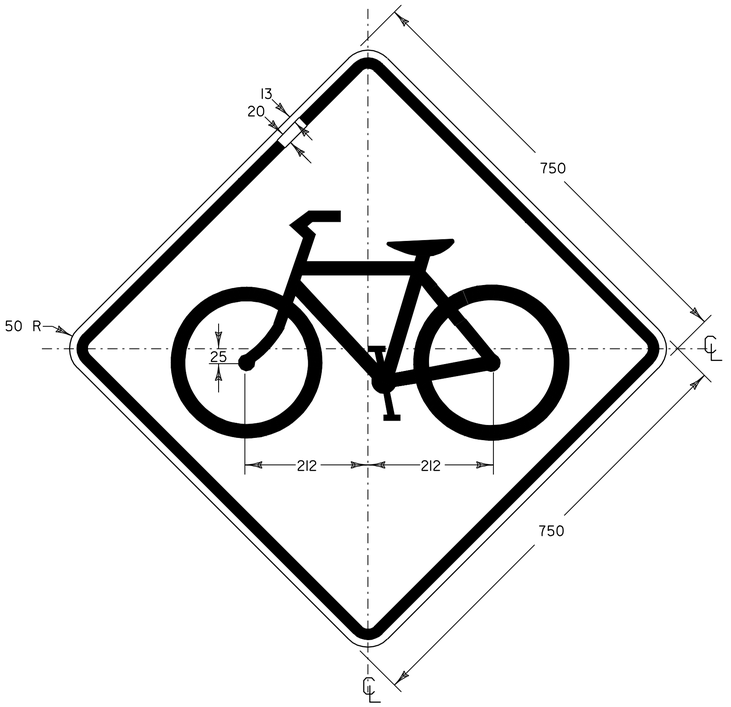


W16-1

BLACK BORDER & TEXT
WITH REFLECTORIZED WHITE BACKGROUND
SEE VTrans STANDARD E-142M FOR MATERIALS

LOCATIONS

U.S ROUTE 7 STA. 2+972.0, LT.
U.S ROUTE 7 STA. 3+525.0, RT.

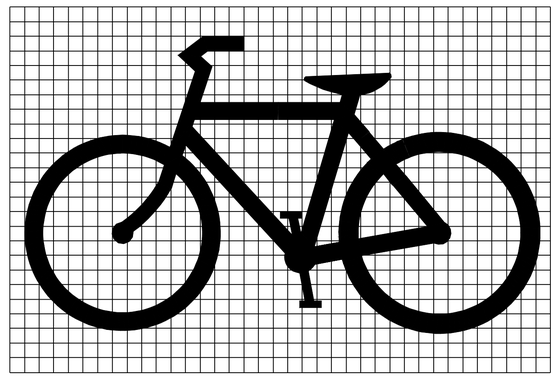


W11-1

BLACK BORDER & SYMBOL
WITH REFLECTORIZED YELLOW BACKGROUND
SEE VTrans STANDARD E-151M FOR MATERIALS

LOCATIONS

U.S ROUTE 7 STA. 2+972.0, LT.
U.S ROUTE 7 STA. 3+525.0, RT.



1 SQUARE = 25 mm

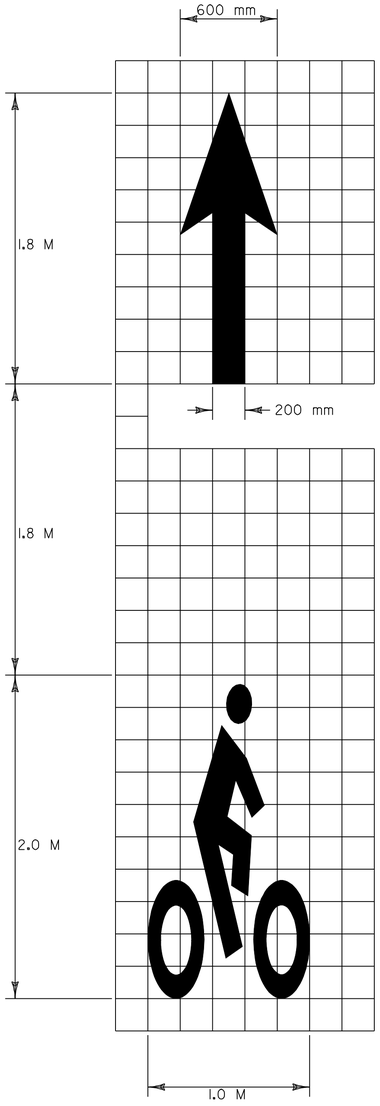
NOTES: 1) ALL DIMENSIONS IN MILLIMETERS
EXCEPT WHERE OTHERWISE INDICATED.

TRAFFIC SIGN DETAILS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

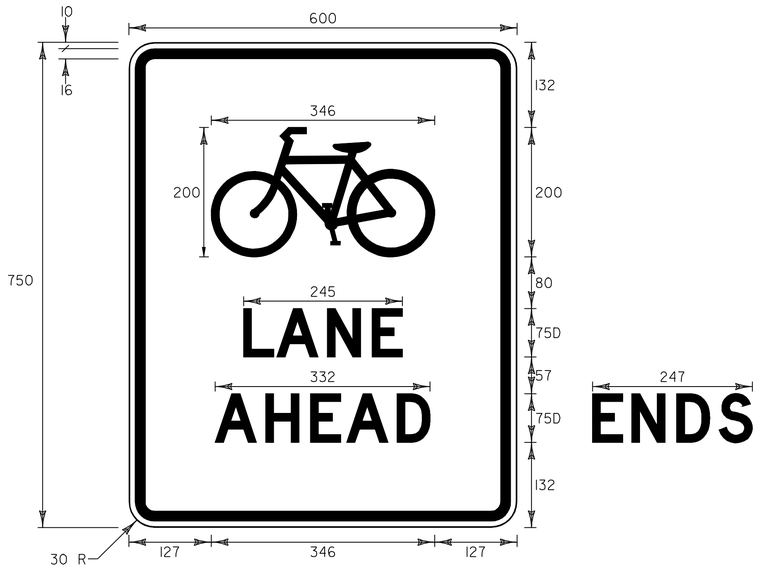
FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150t18.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 65 OF 105



BICYCLE LANE PAVEMENT MARKING DETAIL

SEE LAYOUT SHEETS FOR LOCATIONS

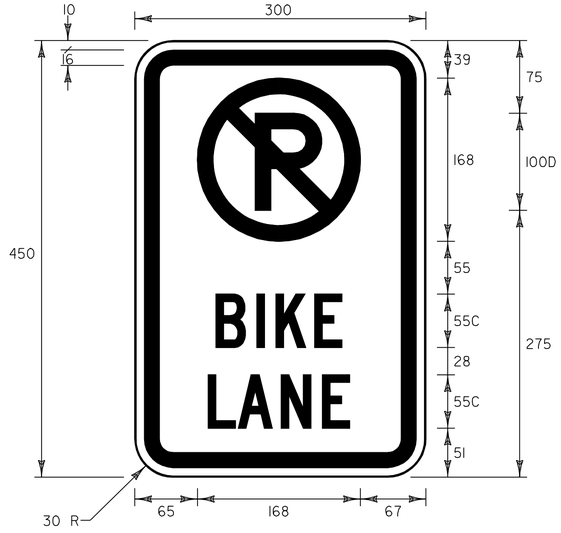


R3–16 & R3–16a

BLACK TEXT, SYMBOL & BORDER
WITH REFLECTORIZED WHITE BACKGROUND
SEE VTrans STANDARD E-142M FOR MATERIALS

LOCATIONS

U.S. ROUTE 7 ST. ALBANS STA. 3+010.0, RT. "AHEAD"
U.S. ROUTE 7 ST. ALBANS STA. 3+020.0, LT. "ENDS"
U.S. ROUTE 7 ST. ALBANS STA. 3+500.0, RT. "ENDS"
U.S. ROUTE 7 ST. ALBANS STA. 3+575.0, LT. "AHEAD"

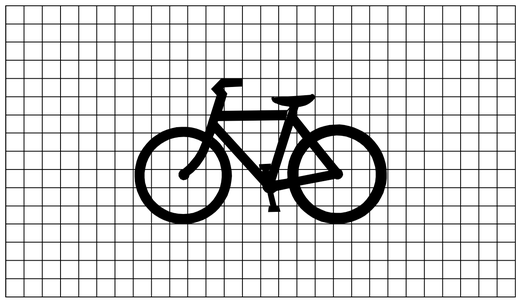


R7–9a

RED LEGEND, CIRCLE, & DIAGONAL
BLACK LETTER 'P' & BORDER
WITH REFLECTORIZED WHITE BACKGROUND
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

U.S. ROUTE 7 ST. ALBANS STA. 3+040.8, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+110.0, LT.
U.S. ROUTE 7 ST. ALBANS STA. 3+120.0, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+230.0, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+300.0, LT.
U.S. ROUTE 7 ST. ALBANS STA. 3+386.0, LT.
U.S. ROUTE 7 ST. ALBANS STA. 3+463.0, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+540.0, LT.



1 SQUARE = 25 mm

R3–17

BLACK TEXT, SYMBOL & BORDER
WITH REFLECTORIZED WHITE BACKGROUND
SEE VTrans STANDARD E-142M FOR MATERIALS

LOCATIONS

U.S. ROUTE 7 ST. ALBANS STA. 3+040.8, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+110.0, LT.
U.S. ROUTE 7 ST. ALBANS STA. 3+120.0, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+230.0, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+300.0, LT.
U.S. ROUTE 7 ST. ALBANS STA. 3+463.0, RT.
U.S. ROUTE 7 ST. ALBANS STA. 3+540.0, LT.

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

Dufresne-Henry

BICYCLE LANE SIGNS & PAVEMENT MARKING DETAILS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97d150/pd150.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd150t19.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 66 OF 105

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
0+000.0	LT	WSO (IN GREENBELT)
0+000.0	RT	DI
0+013.0	LT	SMH
0+017.0	RT	SMH
0+019.0	RT	GSO
0+028.7	LT & RT	DI
0+112.0	LT & RT	DI
0+121.0	RT	DI
0+122.5	LT	SMH
0+124.0	RT	GSO
0+148.5	RT	WSO (IN GREENBELT)
0+201.5	LT & RT	DI
0+242.0	LT	(2) WSO
0+242.0	RT	GSO (IN GREENBELT)
0+242.0	LT	MH (IN GREENBELT)
0+243.5	LT	GSO
0+244.0	LT	WSO
0+292.0	LT & RT	DI
0+304.5	LT	SMH
0+304.5	RT	MH
0+307.0	℄	WSO
0+310.5	LT	SMH
0+310.5	RT	(2) GSO
0+321.5	RT	DI
0+324.0	RT	GSO (IN GREENBELT)
0+418.0	LT	(2) GSO (IN GREENBELT)
0+421.5	LT	WSO
0+428.0	RT	DI
0+431.5	LT	DI
0+441.0	LT	SMH
0+479.0	LT	SMH
0+485.0	LT	TEST CP (IN GREENBELT)
0+503.0	LT & RT	DI
0+533.0	LT	SMH
0+536.0	RT	GSO
0+546.0	LT & RT	DI
0+620.0	LT	SMH
0+623.1	RT	DI
0+628.0	LT	DI
0+686.0	LT & RT	DI
0+701.8	LT	SMH
0+754.0	LT	SMH
0+757.0	RT	SMH
0+786.2	RT	MH TEL (IN GREENBELT)
0+815.5	RT	SMH
0+824.0	LT & RT	DI
0+860.0	RT	WSO
0+870.0	RT	SMH
0+880.0	RT	DI
0+906.0	RT	DI
0+918.0	RT	DI
0+919.5	LT	DI
0+979.0	RT	WSO
0+980.0	LT	WSO
0+982.0	LT	MH
0+982.0	LT	WSO
1+013.5	LT & RT	DI
1+028.0	LT	SMH
1+037.0	LT	WSO (IN GREENBELT)
1+047.0	RT	MH TEL (IN GREENBELT)
1+090.0	LT & RT	DI
1+102.0	LT	WSO
1+142.5	LT	DI
1+146.5	RT	WSO
1+148.0	RT	WSO
1+149.0	RT	WSO
1+157.5	RT	DI
1+160.0	LT	DI
1+181.0	RT	WSO

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
1+182.0	RT	(2) WSO
1+183.0	RT	WSO
1+212.0	LT & RT	DI
1+224.0	LT	DMH
1+231.0	RT	DMH
1+233.0	RT	WSO
1+235.0	RT	MH
1+239.0	LT	GSO (IN GREENBELT)
1+240.0	RT	GSO
1+242.0	RT	DI
1+287.0	LT & RT	DI
1+354.0	LT & RT	DI
1+365.0	RT	WSO
1+367.0	LT	SMH
1+370.0	RT	WSO
1+373.0	RT	GSO (IN GREENBELT)
1+444.0	RT	DI
1+447.0	LT	WSO (IN GREENBELT)
1+448.0	LT	DI
1+511.5	LT & RT	DI
1+521.0	RT	MH (IN GREENBELT)
1+523.0	RT	WSO
1+525.0	RT	DI
1+529.0	LT	SMH
1+529.0	RT	DI
1+535.0	LT	SMH
1+536.0	LT	SMH
1+538.0	LT	DI
1+538.0	LT	WSO
1+538.0	LT	(2) GSO
1+547.0	LT	DMH
1+548.0	RT	DI
1+603.0	LT & RT	DI
1+622.5	RT	MH
1+661.0	RT	MH
1+680.5	RT	ROUND DI
1+683.0	LT	WSO
1+701.5	LT	GSO
1+702.5	LT	WSO
1+712.0	LT	WSO
1+726.0	RT	DI
1+741.0	LT	SMH
1+767.5	LT	WSO
1+789.0	LT & RT	DI
1+792.5	RT	MH TEL (IN GREENBELT)
1+808.0	LT	WSO
1+810.0	RT	MH
1+810.0	RT	SMH
1+810.5	LT	WSO
1+812.0	RT	DMH
1+814.5	RT	(2) WSO
1+815.0	LT	MH TEL
1+816.0	RT	DI
1+840.0	LT	SMH
1+853.0	LT & RT	DI
1+881.0	RT	MH (IN GREENBELT)
1+884.0	RT	MON WELL (IN SIDEWALK)
1+889.0	LT	WSO (IN SIDEWALK)
1+893.0	LT & RT	DI
1+893.0	RT	MON. WELL (IN SIDEWALK)
1+910.0	LT	(2) GSO
1+911.0	LT	GSO
1+914.0	LT	GSO (IN SIDEWALK)
1+932.0	LT	DI
1+938.0	LT	WSO
1+939.0	LT	GSO (IN SIDEWALK)
1+940.5	LT	GSO (IN SIDEWALK)
1+940.5	LT	SMH
1+943.0	RT	DI
1+943.5	LT	WSO

UTILITY LOCATIONS*

(FOR INFORMATIONAL PURPOSES ONLY)

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
1+945.5	LT	WSO
1+945.5	RT	MH
1+946.5	LT	SMH
1+950.0	LT	DI
1+953.0	LT	TMH
1+968.0	RT	MH
1+973.0	RT	MH
1+974.0	RT	DI
1+984.0	LT	GSO (IN SIDEWALK)
1+991.0	LT & RT	DI
1+991.0	RT	WSO
1+993.0	RT	MH
1+995.0	RT	MH
1+996.0	RT	SMH
1+999.0	LT	MH
2+000.0	LT	WSO
2+002.0	LT	TMH
2+009.5	LT	DI
2+020.0	RT	MH
2+023.5	RT	MH
2+023.5	RT	DI
2+024.5	LT	DI
2+028.0	LT	WSO
2+057.0	LT	TEST CP
2+068.0	LT	WSO (IN SIDEWALK)
2+075.0	RT	WSO
2+085.0	LT	SMH
2+089.0	RT	MH
2+090.0	LT	DI
2+091.0	RT	DI
2+092.0	RT	MH
2+100.0	LT	GSO
2+103.0	LT	MH (IN SIDEWALK)
2+116.5	LT	MH (IN SIDEWALK)
2+117.5	LT	GSO
2+117.5	LT	TEST CP
2+128.0	LT	MH (IN SIDEWALK)
2+142.0	LT	WSO
2+148.5	LT	MH TEL
2+148.5	RT	DI
2+150.0	LT	WSO
2+165.0	LT	DI
2+171.0	RT	MH
2+175.0	RT	MH
2+179.0	LT	GSO
2+180.0	RT	DI
2+185.0	RT	MH
2+185.0	RT	WSO
2+189.0	LT	SMH
2+189.0	RT	DI
2+192.0	LT	WSO (IN SIDEWALK)
2+200.0	RT	DI
2+211.0	LT	WSO
2+216.0	LT	DI
2+225.0	LT	DI (IN SIDEWALK)
2+229.0	LT	WSO
2+229.0	LT	GSO
2+234.0	LT	WSO
2+240.0	RT	WSO (IN SIDEWALK)
2+244.0	RT	WSO
2+245.0	RT	WSO
2+246.0	LT	WSO
2+246.0	LT	WSO (IN SIDEWALK)

*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.

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
2+250.0	LT	(2) TEST CP
2+253.0	RT	WSO (IN SIDEWALK)
2+259.0	LT	MH
2+268.0	LT	GSO (IN SIDEWALK)
2+272.0	LT	WSO (IN SIDEWALK)
2+275.0	RT	MH
2+288.0	RT	DI
2+288.0	LT	GSO
2+289.0	LT	WSO (IN SIDEWALK)
2+292.0	LT	WSO
2+293.0	RT	(2) DI
2+297.1	RT	WSO
2+299.0	RT	WSO
2+300.0	RT	SMH
2+301.0	RT	MH
2+302.0	RT	(2) DI
2+305.0	LT	WSO
2+306.0	RT	WSO
2+308.0	LT	MH
2+311.0	RT	MH
2+311.0	RT	DI
2+312.0	LT	MH TEL
2+314.0	LT	DI
2+315.0	LT	GSO
2+315.0	LT	TEST CP
2+329.5	LT	DI
2+359.0	LT	GSO (IN SIDEWALK)
2+362.0	LT	WSO (IN SIDEWALK)
2+366.0	LT	TEST CP (IN GREENBELT)
2+370.0	LT	WSO (IN SIDEWALK)
2+372.0	RT	DI
2+376.0	RT	MH (IN GREENBELT)
2+378.0	LT	DI
2+380.0	RT	WSO
2+381.0	LT	GSO
2+382.0	RT	WSO
2+382.0	LT	TEST CP
2+383.0	RT	WSO
2+384.0	RT	WSO (IN GREENBELT)
2+384.0	LT	SMH
2+386.0	LT	DI
2+388.0	LT	GSO (IN GREENBELT)
2+392.0	RT	DMH
2+445.0	RT	WSO
2+446.0	LT	DI
2+482.0	LT	DI
2+482.0	RT	SMH
2+483.0	RT	DI
2+487.0	LT	DI
2+527.0	LT	WSO (IN GREENBELT)
2+534.0	RT	WSO
2+577.0	LT	DI
2+591.0	RT	DI
2+624.5	LT	WSO
2+627.0	RT	DI
2+629.0	RT	MH
2+630.0	LT	SMH
2+631.0	RT	WSO
2+632.0	RT	DI
2+633.0	LT	DI
2+639.5	LT & RT	DI
2+693.0	RT	GSO (IN GREENBELT)
2+694.0	LT	GSO (IN GREENBELT)
2+704.5	RT	DI
2+709.0	LT	SMH
2+720.0	LT	DI
2+776.0	RT	ROUND DI
2+803.0	LT	WSO
2+806.0	LT	MH
2+806.0	RT	DI
2+812.5	LT	DI
2+826.0	RT	WSO (IN GREENBELT)

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
2+830.0	LT	MH TEL (IN SIDEWALK)
2+841.0	LT	MH (IN GREENBELT)
2+880.0	LT & RT	DI
2+888.0	RT	DI
2+888.0	RT	MH
2+891.0	RT	WSO
2+892.0	RT	DI
2+892.0	LT	MH
2+893.0	LT	GSO (IN GREENBELT)
2+899.0	LT	MH
2+899.0	RT	DI
2+900.0	LT	MH
2+904.0	LT	(2) MH
2+904.0	RT	GSO (IN GREENBELT)
2+906.0	LT	MH
2+908.0	RT	WSO
2+912.0	RT	GSO (IN GREENBELT)
2+923.5	LT	DI
2+944.0	RT	DI
2+972.5	RT	DI
2+992.0	LT	DI
3+020.0	RT	DI
3+027.0	LT	SMH (IN GREENBELT)
3+033.5	RT	ROUND DI
3+034.0	RT	DI
3+036.0	RT	WSO (IN GREENBELT)
3+040.0	℄	VALVE (PAVED OVER)
3+082.0	RT	DI
3+111.5	RT	DI
3+115.0	LT	DI
3+156.5	RT	DI
3+238.0	LT	DI
3+254.0	RT	DI
3+296.0	RT	WSO (IN GREENBELT)
3+303.0	RT	WSO
3+307.0	RT	DI
3+315.0	RT	WSO
3+314.0	LT	MH
3+317.5	RT	MH (CONCRETE COLLAR)
3+323.0	RT	DI
3+354.5	RT	WSO
3+356.5	LT	DI (IN GREENBELT)
3+393.0	RT	DI
3+431.0	LT	MH
3+435.0	LT	TEST CP (IN PAVED LOT)
3+435.0	RT	TEST CP (IN PAVED LOT)
3+436.0	LT	GSO (IN PAVED LOT)
3+437.0	LT	TEST CP (IN PAVED LOT)
3+438.0	RT	DI
3+440.0	RT	TEST CP
3+440.0	RT	GSO
3+443.0	RT	MH
3+446.0	RT	DRAIN MH
3+450.0	RT	WSO
3+452.0	LT	DRAIN MH
3+452.0	RT	DI
3+454.0	LT	DI
3+512.0	LT	DRAIN MH
3+516.0	RT	FUEL RES. (IN PAVED LOT)
3+521.0	RT	GSO
3+523.0	RT	DI (IN PAVED LOT)
3+563.0	RT	WSO
3+568.0	RT	GSO
3+568.0	RT	MH (IN PAVED LOT)
3+585.0	RT	DI
3+601.0	RT	DI (IN GREENBELT)
3+612.0	RT	WSO (IN GREENBELT)
3+629.0	RT	DI (IN GREENBELT)
3+636.0	RT	MH (IN GREENBELT)

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

(ITEM 604.40)

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
0+304.5	RT	MH
0+982.0	LT	MH
1+224.0	LT	DMH
1+231.0	RT	DMH
1+235.0	RT	MH
1+525.0	RT	DI
1+529.0	RT	DI
1+547.0	LT	DMH
1+622.5	RT	MH
1+661.0	RT	MH
1+810.0	RT	MH
1+812.0	RT	DMH
1+853.0	LT	DI
1+945.5	RT	MH
1+968.0	RT	MH
1+973.0	RT	MH
1+991.0	LT	DI
1+993.0	RT	MH
1+995.0	RT	MH
1+999.0	LT	MH
2+020.0	RT	MH
2+023.5	RT	MH
2+089.0	RT	MH
2+092.0	RT	MH
2+171.0	RT	MH
2+175.0	RT	MH
2+185.0	RT	MH
2+259.0	LT	MH
2+275.0	RT	MH

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
2+301.0	RT	MH
2+308.0	LT	MH
2+311.0	RT	MH
2+392.0	RT	MH
2+629.0	RT	MH
2+806.0	LT	MH
2+888.0	RT	MH
2+892.0	LT	MH
2+899.0	LT	MH
2+900.0	LT	MH
2+904.0	LT	(2) MH
2+906.0	LT	MH
3+314.0	LT	MH
3+317.5	RT	MH (CONCRETE COLLAR)
3+431.0	LT	MH
3+443.0	RT	MH
3+446.0	RT	DMH
3+452.0	LT	DMH
3+512.0	RT	DMH

CHANGING ELEVATION OF SEWER MANHOLE

(ITEM 604.42)

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
0+013.0	LT	SMH
0+017.0	RT	SMH
0+122.5	LT	SMH
0+304.5	LT	SMH
0+310.5	LT	SMH
0+441.0	LT	SMH
0+479.0	LT	SMH
0+533.0	LT	SMH
0+620.0	LT	SMH
0+701.8	LT	SMH
0+754.0	LT	SMH
0+757.0	RT	SMH
0+815.5	RT	SMH
0+870.0	RT	SMH
1+028.0	LT	SMH
1+367.0	LT	SMH
1+529.0	LT	SMH
1+536.0	LT	SMH
1+741.0	LT	SMH
1+810.0	RT	SMH
1+840.0	LT	SMH
1+940.5	LT	SMH
1+946.5	LT	SMH
1+996.0	RT	SMH
2+085.0	LT	SMH
2+189.0	LT	SMH
2+300.0	RT	SMH

STATION	POSITION	DESCRIPTION
U.S. ROUTE 7		
2+384.0	LT	SMH
2+482.0	RT	SMH
2+630.0	LT	SMH
2+709.0	LT	SMH

Dufresne-Henry

UTILITY AND STRUCTURE LOCATIONS SHEET #1

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pdl50usl.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 67 OF 105

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

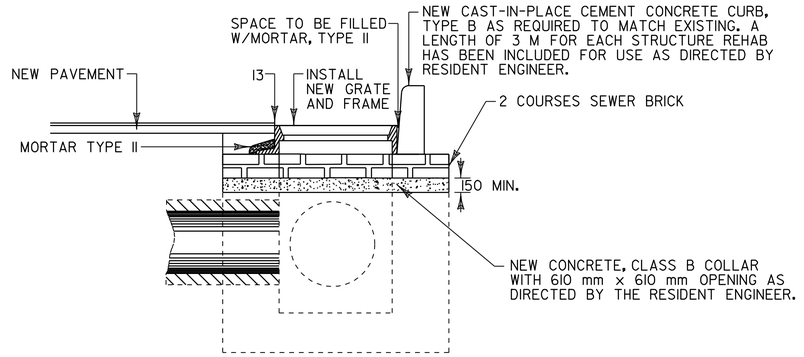
(ITEM 604.412)

NOTE: ITEMS 204.21, 501.25, 507.15, AND 604.47 ARE INCLUDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER AT THOSE LOCATIONS WHERE STRUCTURE REHABILITATION IS BEYOND THAT AS SPECIFIED UNDER ITEM 604.412.

STATION	POSITION	DESCRIPTION
	U.S. ROUTE 7	
0+000.0	RT	DI
0+028.7	LT & RT	DI
0+112.0	LT & RT	DI
0+121.0	RT	DI
0+201.5	LT & RT	DI
0+292.0	LT & RT	DI
0+321.5	RT	DI
0+428.0	RT	DI
0+431.5	LT	DI
0+503.0	LT & RT	DI
0+546.0	LT & RT	DI
0+623.1	RT	DI
0+628.0	LT	DI
0+686.0	LT & RT	DI
0+824.0	LT & RT	DI
0+918.0	RT	DI
0+919.5	LT	DI
1+013.5	LT & RT	DI
1+090.0	LT & RT	DI
1+142.5	LT	DI
1+157.5	RT	DI
1+160.0	LT	DI
1+212.0	LT & RT	DI
1+242.0	RT	DI
1+287.0	LT & RT	DI
1+354.0	LT & RT	DI
1+444.0	RT	DI
1+448.0	LT	DI
1+511.5	LT & RT	DI
1+548.0	RT	DI
1+603.0	LT & RT	DI
1+680.5	RT	ROUND DI
1+726.0	RT	DI

STATION	POSITION	DESCRIPTION
	U.S. ROUTE 7	
1+789.0	LT & RT	DI
1+816.0	RT	DI
1+853.0	RT	DI
1+893.0	LT & RT	DI
1+932.0	LT	DI
1+943.0	RT	DI
1+950.0	LT	DI
1+974.0	RT	DI
1+991.0	RT	DI
2+009.0	LT	DI
2+023.5	RT	DI
2+024.5	LT	DI
2+090.0	LT	DI
2+091.0	RT	DI
2+148.5	RT	DI
2+165.0	LT	DI
2+180.0	RT	DI
2+189.0	RT	DI
2+200.0	RT	DI
2+216.0	LT	DI
2+288.0	RT	DI
2+293.0	RT	(2) DI
2+302.0	RT	(2) DI
2+311.0	RT	DI
2+314.0	LT	DI
2+329.5	LT	DI
2+372.0	RT	DI
2+378.0	LT	DI
2+386.0	LT	DI
2+446.0	LT	DI
2+482.0	LT	DI
2+483.0	RT	DI
2+487.0	LT	DI

STATION	POSITION	DESCRIPTION
	U.S. ROUTE 7	
2+577.0	LT	DI
2+591.0	RT	DI
2+627.0	RT	DI
2+633.0	LT	DI
2+639.5	LT & RT	DI
2+704.5	RT	DI
2+720.0	LT	DI
2+776.0	RT	ROUND DI
2+806.0	RT	DI
2+812.5	LT	DI
2+880.0	LT & RT	DI
2+899.0	RT	DI
2+923.5	LT	DI
2+944.0	RT	DI
2+972.5	RT	DI
2+992.0	LT	DI
3+020.0	RT	DI
3+033.5	RT	ROUND DI
3+034.0	RT	DI
3+082.0	RT	DI
3+111.5	RT	DI
3+115.0	LT	DI
3+156.5	RT	DI
3+238.0	LT	DI
3+254.0	RT	DI
3+307.0	RT	DI
3+323.0	RT	DI
3+393.0	RT	DI
3+438.0	RT	DI
3+452.0	RT	DI
3+454.0	LT	DI
3+585.0	RT	DI



NEW D.I. TOP PLACEMENT FOR USE IN REHABILITATION OF DI'S, CB'S OR MH'S

ADJUST ELEVATION OF VALVE BOX

(ITEM 629.20)

STATION	POSITION	DESCRIPTION
	U.S. ROUTE 7	
0+242.0	LT	(2) WSO
0+244.0	LT	WSO
0+307.0	℄	WSO
0+421.5	LT	WSO
0+860.0	RT	WSO
0+979.0	RT	WSO
0+980.0	LT	WSO
0+982.0	LT	WSO
1+102.0	LT	WSO
1+146.5	RT	WSO
1+148.0	RT	WSO
1+149.0	RT	WSO
1+181.0	RT	WSO
1+182.0	RT	(2) WSO
1+183.0	RT	WSO
1+233.0	RT	WSO
1+365.0	RT	WSO
1+370.0	RT	WSO
1+523.0	RT	WSO
1+538.0	LT	WSO
1+683.0	LT	WSO
1+702.5	LT	WSO
1+712.0	LT	WSO
1+767.5	LT	WSO
1+808.0	LT	WSO
1+810.5	LT	WSO
1+814.5	RT	(2) WSO
1+938.0	LT	WSO
1+943.5	LT	WSO
1+945.5	LT	WSO
1+991.0	RT	WSO
2+000.0	LT	WSO
2+028.0	LT	WSO
2+057.0	LT	TEST CP
2+075.0	RT	WSO
2+117.5	LT	TEST CP

STATION	POSITION	DESCRIPTION
	U.S. ROUTE 7	
2+142.0	LT	WSO
2+150.0	LT	WSO
2+185.0	RT	WSO
2+211.0	LT	WSO
2+229.0	LT	WSO
2+234.0	LT	WSO
2+244.0	RT	WSO
2+245.0	RT	WSO
2+246.0	LT	WSO
2+250.0	LT	(2) TEST CP
2+292.0	LT	WSO
2+297.1	RT	WSO
2+299.0	RT	WSO
2+305.0	LT	WSO
2+306.0	RT	WSO
2+315.0	LT	TEST CP
2+380.0	RT	WSO
2+382.0	RT	WSO
2+382.0	LT	TEST CP
2+383.0	RT	WSO
2+445.0	RT	WSO
2+534.0	RT	WSO
2+624.5	LT	WSO
2+631.0	RT	WSO
2+803.0	LT	WSO
2+891.0	RT	WSO
2+908.0	LT	WSO
3+040.0	℄	VALVE (PAVED OVER)
3+303.0	RT	WSO
3+314.0	RT	WSO
3+354.5	RT	WSO
3+435.0	RT	TEST CP
3+440.0	RT	TEST CP
3+450.0	RT	WSO
3+563.0	RT	WSO

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

UTILITY AND STRUCTURE LOCATIONS SHEET #2

PROJECT NAME: ST. ALBANS CITY

PROJECT NUMBER: STP 9804(I)S

FILE NAME: /pave/97dl50/pdl50.dgn

PROJECT LEADER: JLL

DESIGNED BY: D-H

IPARM FILE NAME: pdl50us2.i

PLOT DATE: 01-FEB-2006 07:5

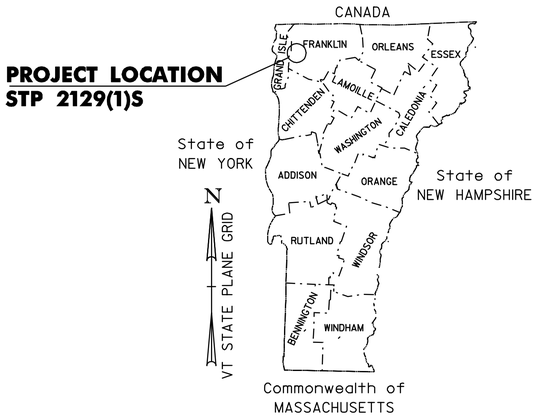
DRAWN BY: D-H

CHECKED BY:

SHEET 68 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
CLASS I TOWN HIGHWAY
CITY OF ST. ALBANS
COUNTY OF FRANKLIN
VT ROUTE 36

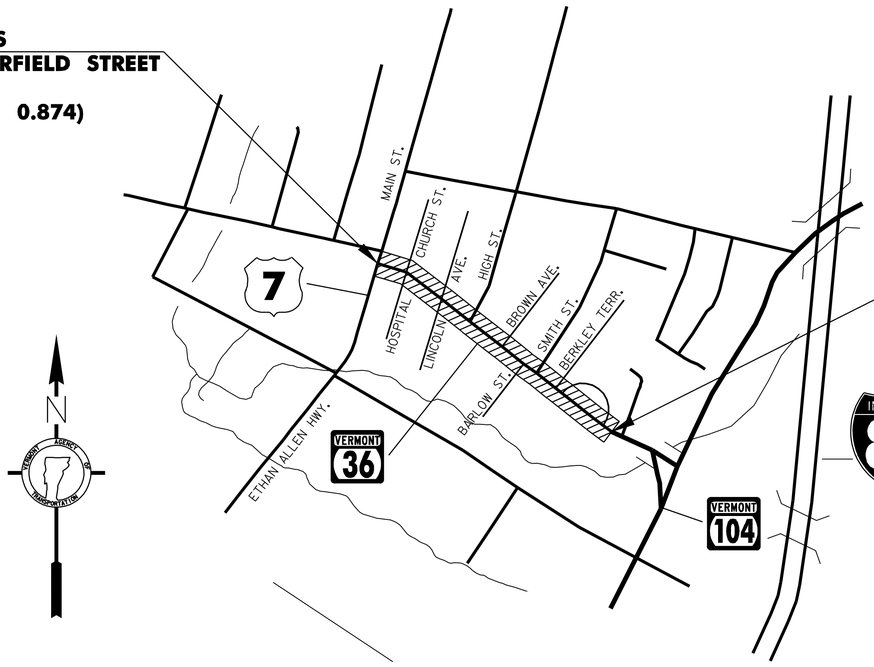


BEGINNING IN ST. ALBANS CITY ON VT ROUTE 36 AT STA. 1+406.57 (MM 0.874) AND EXTENDING EASTERLY ALONG VT ROUTE 36 FOR A DISTANCE OF 991.35 M (0.616 MILE) TO THE ST. ALBANS CITY/ST. ALBANS TOWN LINE AT STA. 2+397.92 (MM 1.490).

PROJECT DATA	LENGTH (METERS)	LENGTH (MILES)
CITY OF ST. ALBANS		
ROUTE 36		
STA. 1+406.57 TO 2+397.92	991.35	
MM 0.874 TO MM 1.490		0.616
TOTAL LENGTH OF PROJECT	991.35	0.616
TOTAL LENGTH OF ROADWAY	991.35	0.616

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

BEGIN STP 2129(1)S
VT ROUTE 36 – FAIRFIELD STREET
ST. ALBANS CITY
STA. 1+406.57 (MM 0.874)



END STP 2129(1)S
VT ROUTE 36 – FAIRFIELD STREET
ST. ALBANS CITY
STA. 2+397.92 (MM 1.490)

TRAFFIC DATA

VT ROUTE 36 (MM 0.874 TO MM 1.519)

LOCATION	ADT		DHV		ESALS
	2001	2011	2001	2011	2001-2011
U.S. ROUTE 7 TO SMITH STREET	6,600	7,900	850	970	359,000
SMITH STREET TO VT ROUTE 104	6,000	7,200	790	900	418,000

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".

VAOT Metric

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

Dufresne-Henry

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
= RETURN TO CITY OF ST. ALBANS

SURVEYED BY : D-H
SURVEYED DATE : 10-20-99

DATUM
VERTICAL N/A
HORIZONTAL N/A

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.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____

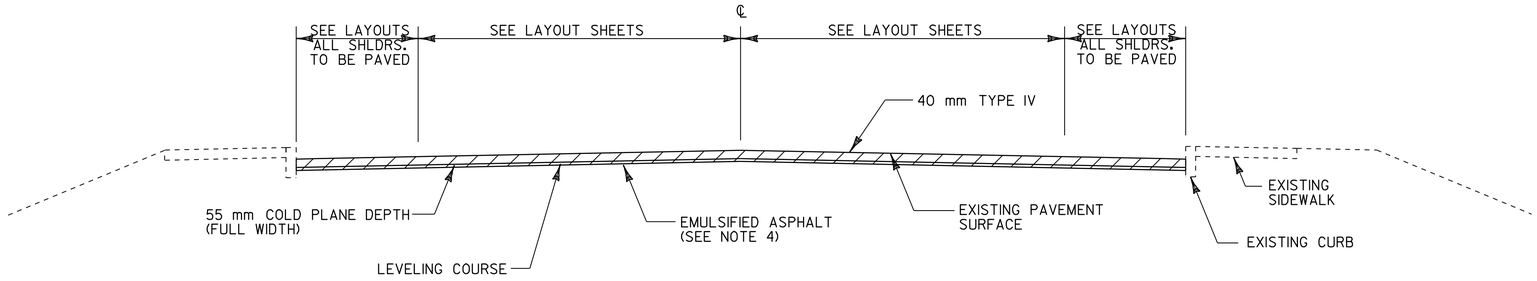
DIRECTOR OF PROJECT DEVELOPMENT
APPROVED _____ DATE _____

PROJECT MANAGER :

PROJECT NAME : ST. ALBANS CITY
PROJECT NUMBER : STP 2129(1)S

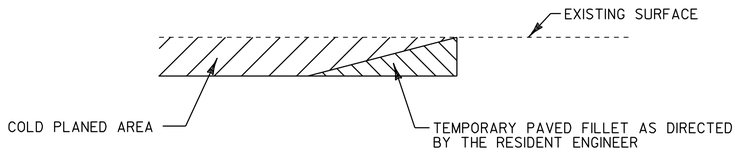
SHEET 70 OF 105 SHEETS

/pave/99d070/pd070.dgn pd070tsh.l



COLD PLANE TYPICAL SECTION – CURBED

VT ROUTE 36 - FAIRFIELD STREET STA. 1+406.57 TO 2+397.92



DETAIL AT VERTICAL COLD PLANE JOINTS

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
ST. ALBANS VT ROUTE 36	1+406.57	1+420.6	SEE LAYOUT SHEET	40 mm	8	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	1+420.6	1+451.0	0.6 M - 3.3 M - 3.3 M - 3.3 M - 0.6 M	40 mm	12	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	1+451.0	1+482.3	SEE LAYOUT SHEETS	40 mm	10	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	1+482.3	1+633.2	0.6 M - 5.4 M - 5.4 M - 0.6 M	40 mm	81	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	1+633.2	1+671.2	SEE LAYOUT SHEETS	40 mm	12	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	1+671.2	2+089.5	0.6 M - 3.3 M - 3.3 M - 0.6 M	40 mm	110	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	2+089.5	2+105.6	SEE LAYOUT SHEETS	40 mm	27	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV
ST. ALBANS VT ROUTE 36	2+105.6	2+397.92	0.0 M - 3.6 M - 3.6 M - 0.0 M	40 mm	74	COLD PLANE 55 mm, LEVEL, THEN PAVE WITH 40 mm TYPE IV

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IV. THE 15 mm LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT.
3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m^2 OR AS DIRECTED BY THE ENGINEER.
5. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON THIS SHEET.
6. ALL DRIVES SHALL RECEIVE A PAVED APRON TO THE EDGE OF SIDEWALK AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 210.10. IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.25. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
7. FOR VEHICLE DETECTOR LOOP NOTES, SEE SHEET 10.
8. ALL PAVING WHICH COULD INVOLVE SOME HANDWORK (SUCH AS DRIVEWAYS, AROUND SEWER MANHOLES AND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 406.25.
9. ALL TELEPHONE MH'S AND GSO'S WILL BE ADJUSTED BY OTHERS AND SHOULD NOT BE INCLUDED IN OTHER PAY ITEMS.

URBAN AREAS – SEED MIXTURE

% WT	KG/HA	NAME	PUR %	GERM %
42.2	38	CREEPING RED FESCUE	98	85
10.0	9	PERENNIAL RYE GRASS	95	90
42.2	38	KENTUCKY BLUE GRASS	85	85
5.6	5	ANNUAL RYE GRASS	95	85
100	90			

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:
ALL DIMENSIONS IN MILLIMETERS
EXCEPT WHERE OTHERWISE INDICATED

Dufresne-Henry

PROJECT TYPICAL & PAVING LIMITS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070tyl.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 71 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

				BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					10	10	m³	COMMON EXCAVATION	203.15	0.6
					6	6	m³	SOLID ROCK EXCAVATION	203.16	0.9
					9600	9600	m²	COLD PLANING-BITUMINOUS PAVEMENT	210.10	188
					18	18	m²	SCARIFYING PAVEMENT (MOD. 1)	212.20	0.5
					5	5	m²	SCARIFYING PAVEMENT (MOD. 2)	212.20	0.4
					21	21	T	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	0.6
					2400	2400	KG	EMULSIFIED ASPHALT	404.65	141
					1300	1300	T	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25	23
					30	30	EA	CHANGING ELEVATION OF DI's, CB's, OR MH's	604.40	EST.
					9	9	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	EST.
					20	20	HR	POWER GRADER RENTAL	608.15	5
					20	20	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	5
					15	15	HR	POWER BROOM RENTAL	608.30	5
					20	20	HR	POWER BROOM RENTAL, TYPE II	608.31	5
					20	20	HR	TRUCK RENTAL	608.37	5
					20	20	HR	LOADER RENTAL, TYPE I	608.40	5
					1700	1700	m³	DUST CONTROL WITH WATER	609.10	53.4
					2	2	T	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	1
					26	26	M	CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE B	616.28	0.9
					26	26	M	REMOVAL OF EXISTING CURB	616.41	0.9
					51	51	m²	PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm	618.10	1.5
					2	2	T	BITUMINOUS CONCRETE SIDEWALK	618.15	0.9
					15	15	EA	ADJUST ELEVATION OF VALVE BOX	629.20	EST.
					700	700	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
					2000	2000	HR	FLAGGERS	630.15	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
8585	m²	VT ROUTE 36 AREA
827	m²	SIDEROADS
188	m²	ROUNDING
9600	m²	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
814	T	VT ROUTE 36 WEARING COURSE (TYPE IV)
78	T	SIDE ROADS WEARING COURSE (TYPE IV)
51	T	DRIVES WEARING COURSE (TYPE IV)
305	T	VT ROUTE 36 LEVELING COURSE (TYPE IV)
29	T	TOWNHIGHWAY LEVELING COURSE (TYPE IV)
23	T	ROUNDING
1300	T	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :
ST. ALBANS CITY

PROJECT NO. :
STP 2129(I)S

DESIGN FILE NAME: /pave/99d070/pd070.dgn
IPARM FILE NAME: pd070qsl.i
SURVEYED BY: D-H
SQUAD LEADER: D-H

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 09/98
DRAWN BY: D-H
SHEET: 72 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

				BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					1	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
					1390	1390	M	DURABLE 100 mm WHITE LINE	646.40	26
					1950	1950	M	DURABLE 100 mm YELLOW LINE	646.41	36
					40	40	M	DURABLE 600 mm STOP BAR (TYPE I TAPE)	646.46	1.4
					58	58	EA	DURABLE LETTER OR SYMBOL (TYPE I TAPE)	646.50	-
					111	111	M	DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)	646.51	2.8
					2840	2840	M	TEMPORARY 100 mm WHITE LINE	646.60	60
					3900	3900	M	TEMPORARY 100 mm YELLOW LINE	646.61	73
					80	80	M	TEMPORARY 600 mm STOP BAR	646.66	3
					84	84	EA	TEMPORARY LETTER OR SYMBOL	646.70	-
					230	230	M	TEMPORARY CROSSWALK MARKING W/DIAGONAL LINES	646.71	14
					90	90	EA	LINE STRIPING TARGETS	646.76	7
					85	85	M	PAINTED CURB	646.81	5
					10	10	KG	SEED	651.15	EST.
					60	60	KG	FERTILIZER	651.18	EST.
					0.5	0.5	T	AGRICULTURAL LIMESTONE	651.20	EST.
					0.5	0.5	T	HAY MULCH	651.25	EST.
					10	10	m^3	TOPSOIL	651.35	EST.
					22	22	m^2	TRAFFIC SIGNS, TYPE A	675.20	0.29
								BEGIN OPTION ITEM		
					174	174	M	FLANGED CHANNEL SIGN POSTS	675.301	3.8
					174	174	M	SQUARE TUBE SIGN POSTS AND ANCHOR	675.341	3.8
								END OPTION ITEM		
					64	64	EA	REMOVING SIGNS	675.50	-
					8	8	EA	ERECTING SALVAGED SIGNS	675.60	-
					88	88	M	VEHICLE DETECTOR LOOP	678.22	1.4
					4	4	M	WIRED CONDUIT (50 mm)	678.23	1
					1	1	EA	JUNCTION BOX	678.26	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :

ST. ALBANS CITY

PROJECT NO. :

STP 2129(I)S

DESIGN FILE NAME: /pave/99d070/pd070.dgn
IPARM FILE NAME: pd070qs2.i
SURVEYED BY: D-H
SQUAD LEADER: D-H

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 09/98
DRAWN BY: D-H
SHEET: 73 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET

VAOT Metric

STATION BEGIN	STATION END	POS.	203.15 COMMON EXCAV. m^3	203.16 SOLID ROCK EXCAV. m^3	203.30 EARTH BORROW m^3	212.20 SCARIFYING PAVEMENT (MOD.1) m^2	212.20 SCARIFYING PAVEMENT (MOD.2) m^2	301.28 SUBBASE OF C.R. GRAVEL (T)	402.12 AGG. SHOULDERS T	GRATE TYPE EA	604.40 CHAN ELEV EA	604.412 REHAB DI CLASS I EA	604.42 CHAN ELEV SEWER MANHOLE EA	604.47 CAST IRON GRATE W/FRAME TYPE D EA	616.28 CAST-IN-PLACE CEM.CONC. CURB, TYPE B M	616.40 REMOVING & RESETTING CURB (M)	616.41 REMOVAL OF EXISTING CURB M	616.47 BIT. CONC. GUTTERS & TRAFFIC ISLANDS T	618.10 P.C. CONCRETE SIDEWALK 125 mm m^2	618.15 BIT. CONCRETE SIDEWALK T	629.20 ADJUST ELEV OF VALVE BOX EA	REMARKS
VT ROUTE 36																						
1+406.0	2+397.92	LT&RT									30		9								15	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER.
																						FOR STRUCTURE LOCATIONS, SEE SHEET 89.
1+406.0		RT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+409.0		LT	0.5				2.3	0.9												0.3		CONSTRUCT BITUMINOUS SIDEWALK RAMP, TYPE 1; FOR TEXTURING DETAILS, SEE SHEET 7.
1+413.0		RT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+417.0		LT	1.4				2.3	2.4							3.9		3.9			0.8		CONSTRUCT BITUMINOUS SIDEWALK RAMP, TYPE 1; FOR TEXTURING DETAILS, SEE SHEET 7.
1+498.9		LT	1.5	0.5				3.5							7.9		7.9		10.1			CONSTRUCT SIDEWALK RAMP, TYPE 1
1+498.9		RT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+511.3		RT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+511.3		LT	1.0	0.9				2.4											6.9			CONSTRUCT SIDEWALK RAMP, TYPE 6
1+591.2		RT	0.3	0.3				0.7							3.4		3.4		2.1			CONSTRUCT SIDEWALK RAMP, TYPE 2
1+594.0		LT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+651.8		LT	0.5	0.4				1.2											3.4			CONSTRUCT SIDEWALK RAMP, TYPE 1
1+655.0		RT	0.5	0.3				1.1							2.3		2.3		3.3			CONSTRUCT SIDEWALK RAMP, TYPE 1
1+661.0		LT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+666.0		RT	1.4	0.9				3.1											9.0			CONSTRUCT SIDEWALK RAMP, TYPE 6
1+782.0		LT				1.4																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
1+788.0		LT	0.6	0.5				1.3							4.6		4.6		3.7			CONSTRUCT SIDEWALK RAMP, TYPE 1
1+940.0		LT	0.4	0.3				0.8											2.4			CONSTRUCT SIDEWALK RAMP, TYPE 1
1+948.0		LT	0.4	0.3				1.0											2.8			CONSTRUCT SIDEWALK RAMP, TYPE 1
2+038.0		RT	0.4	0.3				0.8											2.4			CONSTRUCT SIDEWALK RAMP, TYPE 3
2+041.5		LT	0.5	0.4				1.2											3.4			CONSTRUCT SIDEWALK RAMP, TYPE 2
2+048.0		RT				2.3																CONSTRUCT TEXTURING. FOR DETAILS SEE SHEET 7.
SEE REMARKS															3.0		3.0					CURB ITEMS FOR USE IN CONJUCTION WITH WIRED CONDUIT INSTALLATION AS DIRECTED BY THE RESIDENT ENGINEER. FOR DETAILS, SEE SHEET 10.
SUBTOTALS			9.4	5.1		17.5	4.6	20.4			30		9		25.1		25.1		49.5	1.1	15	
ROUNDING			0.6	0.9		0.5	0.4	0.6			-		-		0.9		0.9		1.5	0.9	-	
PROJECT TOTALS			10	6		18	5	21			30		9		26		26		51	2	15	

PROJECT NAME : ST. ALBANS CITY
PROJECT NO. : STP 2129(1)S

DESIGN FILE NAME: /pave/99d070/pd070.dgn
IPARM FILE NAME: pd0701dl.i
SURVEYED BY: D-H
DESIGNED BY: JLL

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 09/98
DRAWN BY: D-H
SHEET: 74 OF 105

TEMPORARY AND DURABLE 100 mm WHITE LINE
STA. 1+420.6 TO 1+480.0, SOLID LT. & RT. DURABLE ONLY
STA. 1+420.6 TO 1+448.5, SOLID LT. (LANE LINE)

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 1+420.6 TO 1+480.0, SOLID LT. & RT.

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. ~~1+417.5~~
1+406 ~ 1+409

TEMPORARY LETTER OR SYMBOL
STA. 1+422.4, LT. - ↰ ↱ (2)
STA. 1+444.8, LT. - ↰ ↱ (2)

TEMPORARY AND DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 1+420.6, LT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 1+478.3, LT. - MH
STA. 1+478.3, LT. - DI
STA. 1+480.0, RT. - DI

~~CHANGING ELEVATION OF SMH'S~~
~~STA. 1+476.8, ℄~~

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 1+~~422.4~~, LT. - ↰ ↱ (2) 425
STA. 1+~~426.1~~, LT. - "ONLY" (2) 428
STA. 1+~~444.8~~, LT. - ↰ ↱ (2) 451
STA. 1+~~448.5~~, LT. - "ONLY" (2) 455

REMOVING SIGNS
AS SHOWN - 15

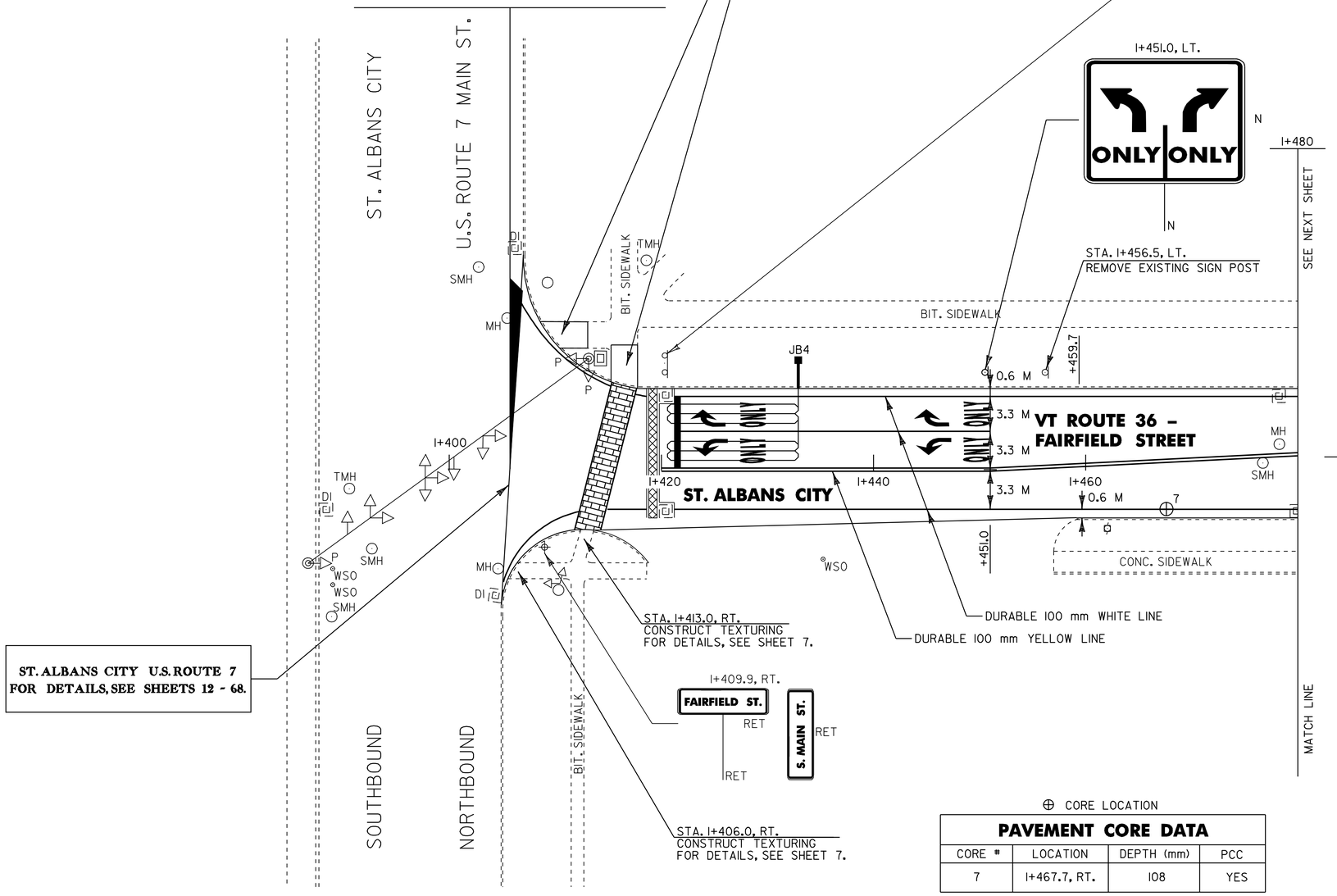
CONCRETE SIDEWALK
STA. 1+406, RT.
STA. 1+413, RT.

STA. 1+409.0, LT.
STA. 1+417.0, LT.
CONSTRUCT BIT. SIDEWALK RAMP, TYPE I USING OFFSET BRICK DESIGN, SEE DETAIL ON SHEET 7.

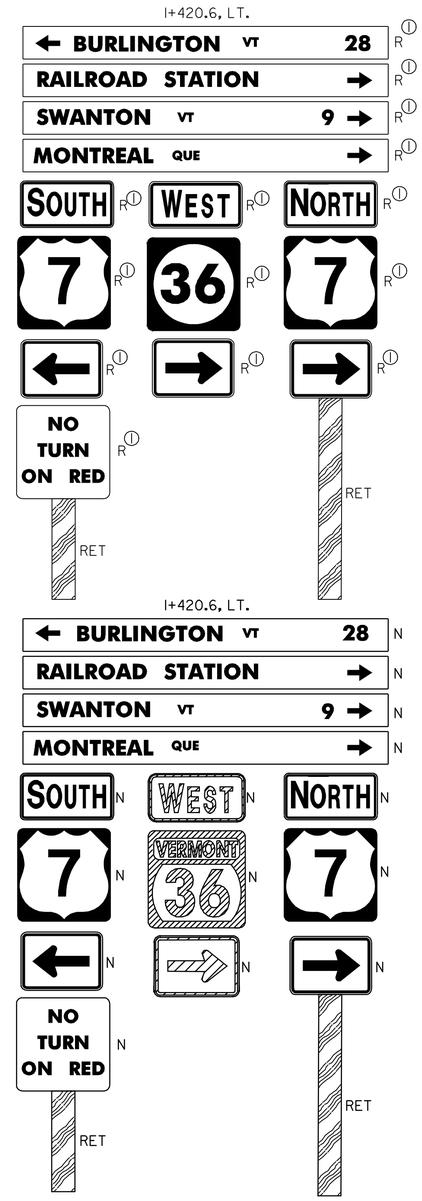
CAST IN PLACE CONCRETE CURB
STA 1+413, RT.

REMOVAL OF EXISTING CURB
STA. 1+413, RT.

BEGIN STP 2129(1) S
VT ROUTE 36
ST. ALBANS CITY
STA 1+406.57 = MM 0.874



ST. ALBANS CITY U.S. ROUTE 7
FOR DETAILS, SEE SHEETS 12 - 68.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
7	1+467.7, RT.	108	YES

NOTES:
1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
3) FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VTrans STANDARD E-193M.
4) FOR VEHICLE DETECTOR LOOP DETAILS SEE SHEET 10.

Dufresne-Henry

PROJECT LAYOUT #1

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(1)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p01.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 75 OF 105

~~TEMPORARY AND~~ DURABLE 100 mm WHITE LINE
STA. 1+480.0 TO 1+493.4, SOLID LT. & RT.
STA. 1+511.8 TO 1+620.0, SOLID LT. & RT.
(PARKING SPACES & DIAGONALS WITH EDGELINE BREAKS FOR CROSSWALK)

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 1+480.0 TO 1+620.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR CHURCH ST.; BELLOWS FREE ACADEMY AND CROSSWALK)
STA. 1+500.5, DOUBLE SOLID LT. (CHURCH ST.)
STA. 1+500.5, DOUBLE SOLID RT. (BELLOW FREE ACADEMY)

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. 1+500.5, LT.
STA. 1+500.5, RT.
STA. 1+511.3
STA. 1+591.0

TEMPORARY AND DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 1+500.5, LT. - "STOP"
STA. 1+500.5, RT. - "STOP"
~~STA. 1+524.7, LT. - &~~

REMOVING SIGNS
AS SHOWN - 15

~~TEMPORARY AND~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 1+500.5, LT. (CHURCH ST.)
STA. 1+500.5, RT. (BELLOWS FREE ACADEMY)

PAINTED CURB
IN NO PARKING AREAS AS DIRECTED BY RESIDENT ENGINEER

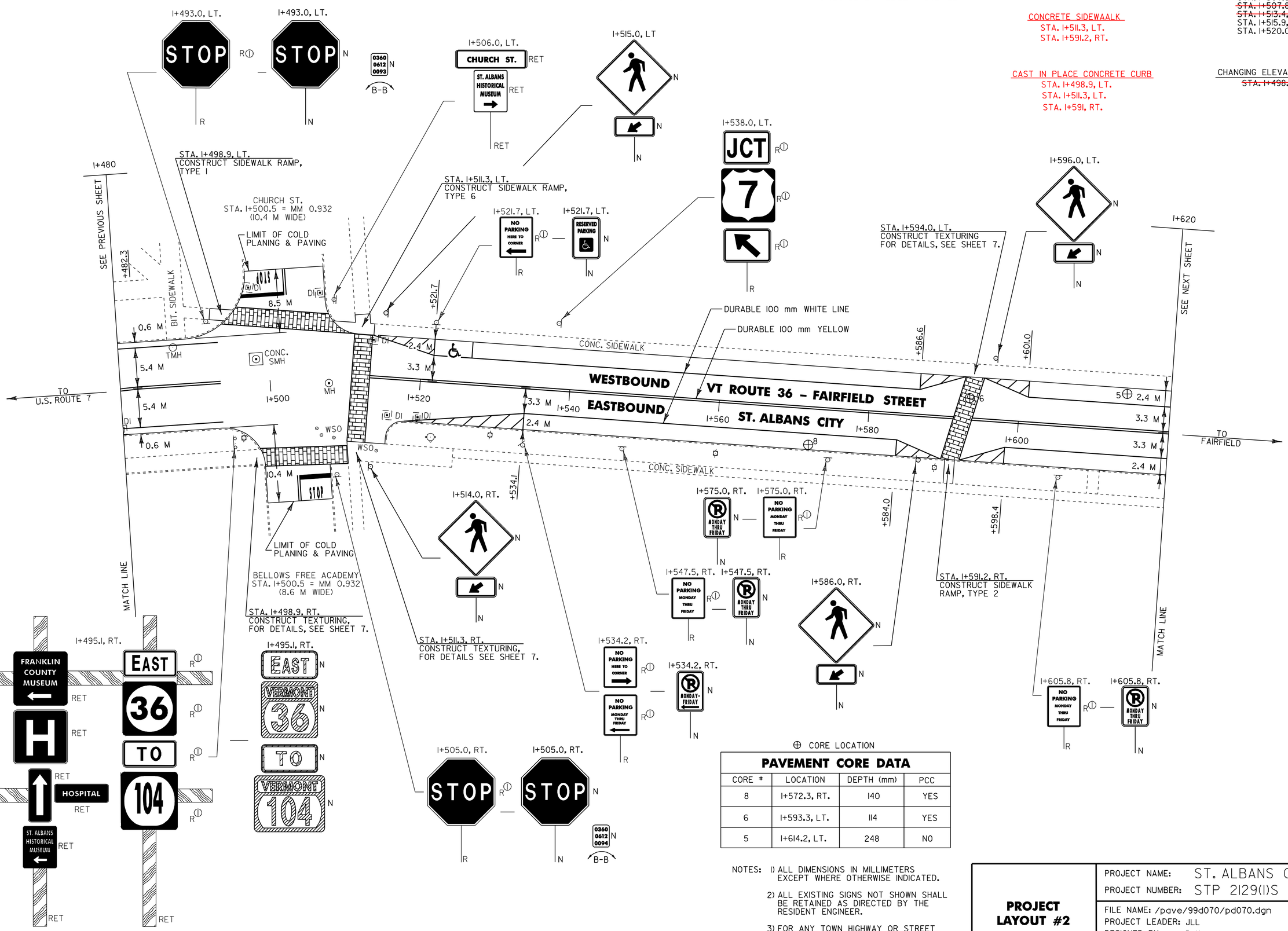
ADJUST ELEVATION OF VALVE BOX
STA. 1+507.8, RT. - (3) WSO

CONCRETE SIDEWAALK
STA. 1+511.3, LT.
STA. 1+591.2, RT.

CAST IN PLACE CONCRETE CURB
STA. 1+498.9, LT.
STA. 1+511.3, LT.
STA. 1+591, RT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 1+498.6, LT. - DI
STA. 1+507.3, LT. - DI
~~STA. 1+507.8, LT. - MH~~
~~STA. 1+513.4, LT. - DI~~
STA. 1+515.9, RT. - DI
STA. 1+520.0, RT. - DI

CHANGING ELEVATION OF SMH'S
~~STA. 1+498.4, LT.~~



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
8	1+572.3, RT.	140	YES
6	1+593.3, LT.	114	YES
5	1+614.2, LT.	248	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 STANDARD E-193M.

PROJECT LAYOUT #2

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p02.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 76 OF 105

~~TEMPORARY AND~~ DURABLE 100 mm WHITE LINE
STA. 1+620.0 TO 1+651.4, SOLID LT. & RT.
(PARKING SPACES & DIAGONALS)
STA. 1+665.0 TO 1+760.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 1+620.0 TO 1+760.0, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR LINCOLN AVE.)
STA. 1+657.9, RT. DOUBLE SOLID (LINCOLN AVE.)

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. 1+657.9, LT
STA. 1+657.9, RT
STA. 1+663.5

TEMPORARY AND DURABLE LETTER OR SYMBOL (TYPE 1TAPE)
~~STA. 1+630.0, LT.~~
STA. 1+657.9, RT. - "STOP"

CHANGING ELEVATION OF SMH'S
~~STA. 1+657.9, ℄~~

TEMPORARY AND DURABLE 600 mm STOP BAR (TYPE 1TAPE)
~~STA. 1+657.9, RT. (LINCOLN AVE.)~~

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 1+649.0, LT. - DI~~
STA. 1+657.0, RT. - MH
STA. 1+662.5, ~~LT.~~ - MH RT.
STA. 1+664.3, LT. - DI
STA. 1+667.2, RT. - DI

REMOVING SIGNS
AS SHOWN - 13

ADJUST ELEVATION OF VALVE BOX
STA. 1+661.5, RT.- (4) WSO

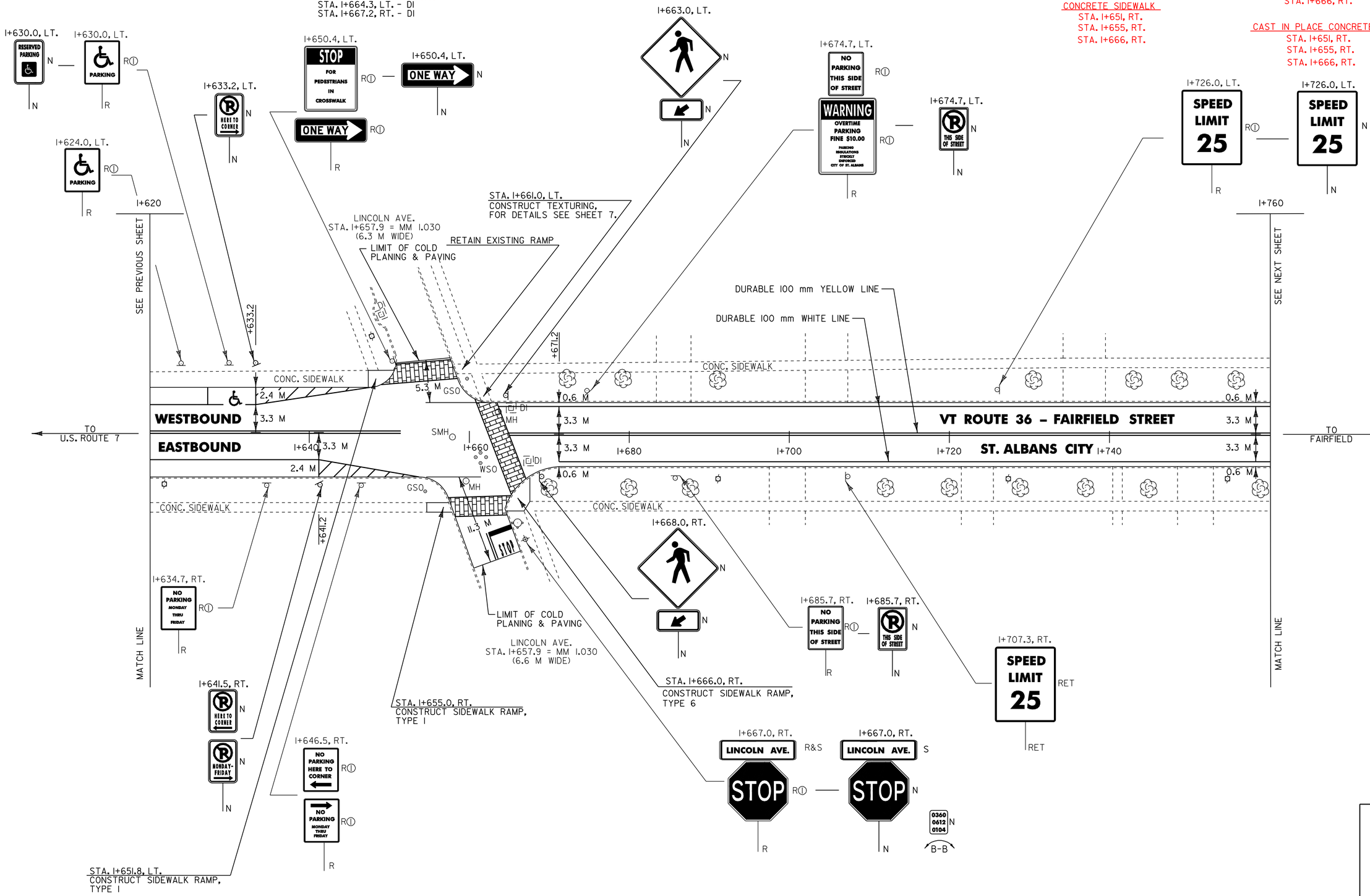
ERECTING SALVAGED SIGNS
AS SHOWN - 1

PAINTED CURB
IN NO PARKING AREAS AS
DIRECTED BY RESIDENT ENGINEER

CONCRETE SIDEWALK
STA. 1+651, RT.
STA. 1+655, RT.
STA. 1+666, RT.

REMOVAL OF EXISTING CURB
STA. 1+651.8, LT.
STA. 1+655, RT.
STA. 1+666, RT.

CAST IN PLACE CONCRETE CURB
STA. 1+651, RT.
STA. 1+655, RT.
STA. 1+666, 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.

PROJECT LAYOUT #3

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p03.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 77 OF 105

~~TEMPORARY AND~~ DURABLE 100 mm WHITE LINE
STA. 1+760.0 TO 1+920.0, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR HIGH ST.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 1+760.0 TO 1+920.0, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR HIGH ST.)
STA. 1+786.3, LT. DOUBLE SOLID (HIGH ST.)

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. 1+786.3, LT.

TEMPORARY AND DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 1+786.3, LT. - "STOP"

REMOVING SIGNS
AS SHOWN - 6

~~TEMPORARY AND~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 1+786.3, LT. (HIGH ST.)

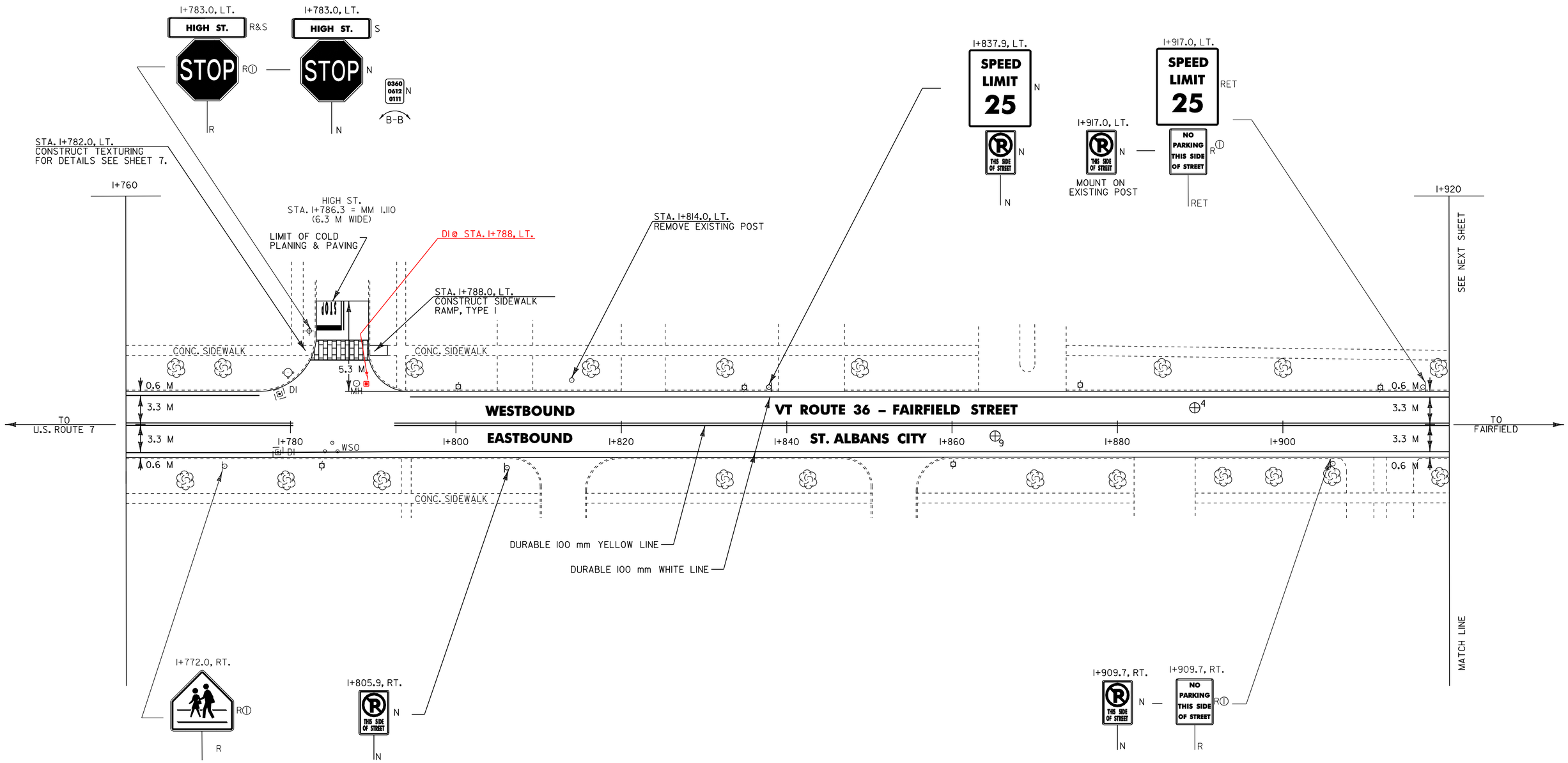
CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 1+778.7, LT. - DI
STA. 1+778.7, RT. - DI
STA. 1+788.0, LT. - MH
STA. 1+788, LT. - DI

ADJUST ELEVATION OF VALVE BOX
STA. 1+785.8, RT. - (3) WSO
2

CAST IN PLACE CONCRETE CURB
STA. 1+788, LT.

ERECTING SALVAGED SIGNS
AS SHOWN - 1

CONCRETE SIDEWALK
STA. 1+788, LT.



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
9	1+865.2, RT.	127	YES
4	1+889.4, LT.	114	YES

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

PROJECT LAYOUT #4

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p04.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 78 OF 105

~~TEMPORARY AND~~ DURABLE 100 mm WHITE LINE
STA. 1+920.0 TO 2+060.0, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR BROWN AVE.
AND BARLOW ST.)

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 1+920.0 TO 2+060.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR BROWN AVE.
AND BARLOW ST.)
STA. 1+944.3, LT. DOUBLE SOLID (BROWN AVE.)
STA. 2+044.6, RT. DOUBLE SOLID (BARLOW ST.)

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. 1+944.3, LT.
STA. 2+038.0, RT. TO 2+042.0, LT.
STA. 2+044.6, RT.

TEMPORARY AND DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 1+944.3, LT. - "STOP"
STA. 2+044.6, RT. - "STOP" DURABLE ONLY

ERECTING SALVAGED SIGNS
AS SHOWN - 3

VTrans Metric

REMOVING SIGNS
AS SHOWN - 5

ADJUST ELEVATION OF VALVE BOX
STA. 1+941.6, RT. - (2) WSO
STA. 2+050.0, RT. - WSO

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 1+932.8, LT. - DI~~
STA. 1+966.5, RT. - DI
~~STA. 2+044.6, RT. - MH~~
STA. 2+050.0, RT. - MH & LT.

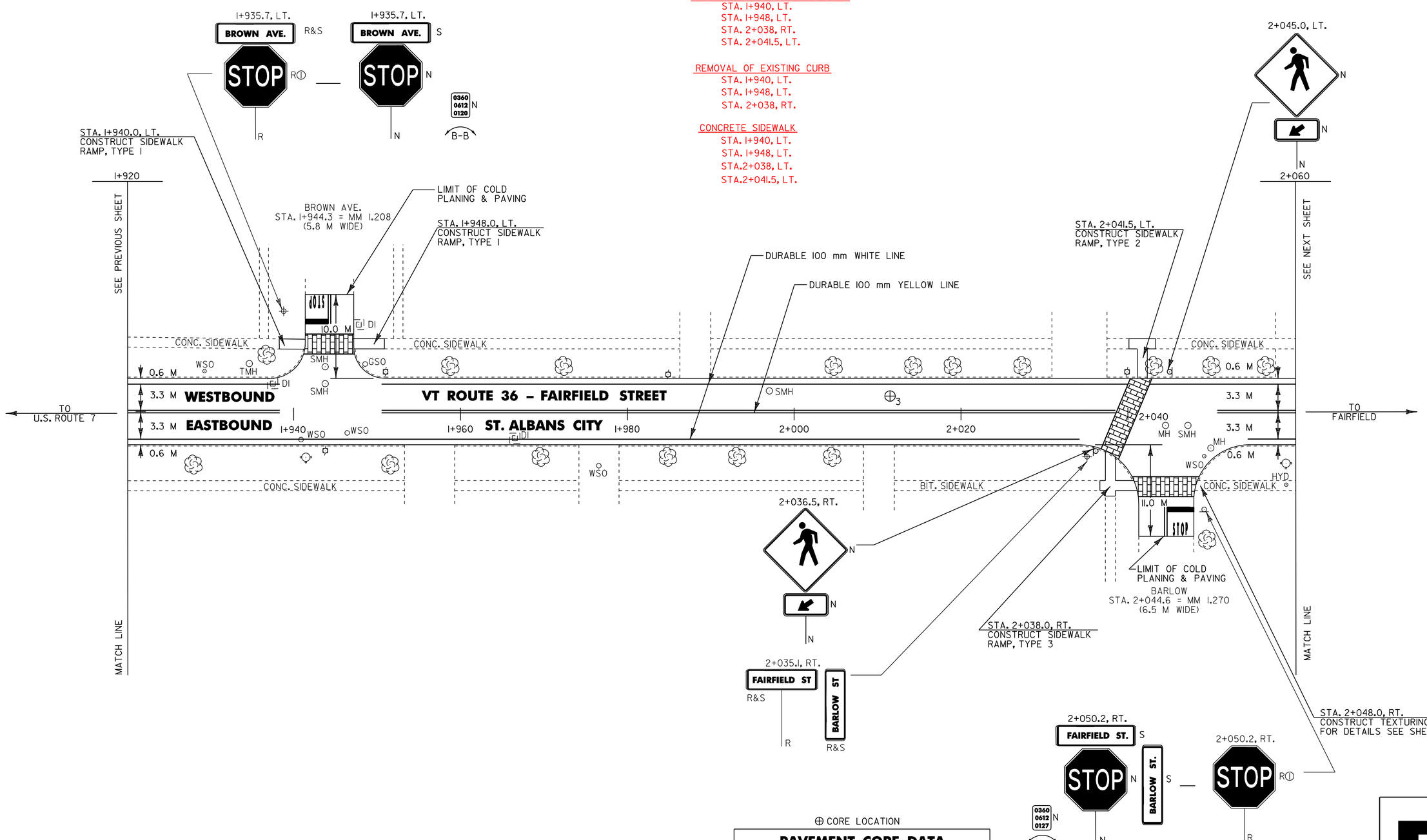
CAST IN PLACE CONCRETE CURB
STA. 1+940, LT.
STA. 1+948, LT.
STA. 2+038, RT.
STA. 2+041.5, LT.

REMOVAL OF EXISTING CURB
STA. 1+940, LT.
STA. 1+948, LT.
STA. 2+038, RT.

CONCRETE SIDEWALK
STA. 1+940, LT.
STA. 1+948, LT.
STA.2+038, LT.
STA.2+041.5, LT.

CHANGING ELEVATION OF SMH'S
STA. 1+939.0, LT.
~~STA. 1+939.0, LT.~~
~~STA. 1+997.0, LT.~~
STA. 2+047.2, RT.

~~TEMPORARY AND~~ DURABLE 600 mm STOP BAR (TYPE I TAPE)
STA. 1+944.3, LT. (BROWN AVE.)
STA. 2+044.6, RT. (BARLOW ST.)



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
3	2+011.7, LT.	114	YES

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

Dufresne-Henry

PROJECT LAYOUT #5

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p05.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 79 OF 105

~~TEMPORARY AND~~ DURABLE 100 mm WHITE LINE
STA. 2+060.0 TO 2+089.5, SOLID LT. & RT.

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 2+060.0 TO 2+200.0, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR SMITH ST. AND BERKLEY TER.)
STA. 2+097.6, LT. DOUBLE SOLID (SMITH ST.)
STA. 2+184.5, LT. DOUBLE SOLID (BERKLEY TER.)

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. 2+097.6, LT.
STA. 2+184.5, LT.

~~TEMPORARY AND~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 2+097.6, LT. - "STOP"
STA. 2+184.5, LT. - "STOP"

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
STA. 2+089.7, LT. - DI
STA. 2+097.6, RT. - MH
~~STA. 2+097.6, LT. - MH~~
STA. 2+109.2, LT. - DI
~~STA. 2+112.3, RT. - DI~~
STA. 2+182.0, LT. - DI
~~STA. 2+191.6, LT. - DI~~
~~STA. 2+196.8, LT. - DI~~

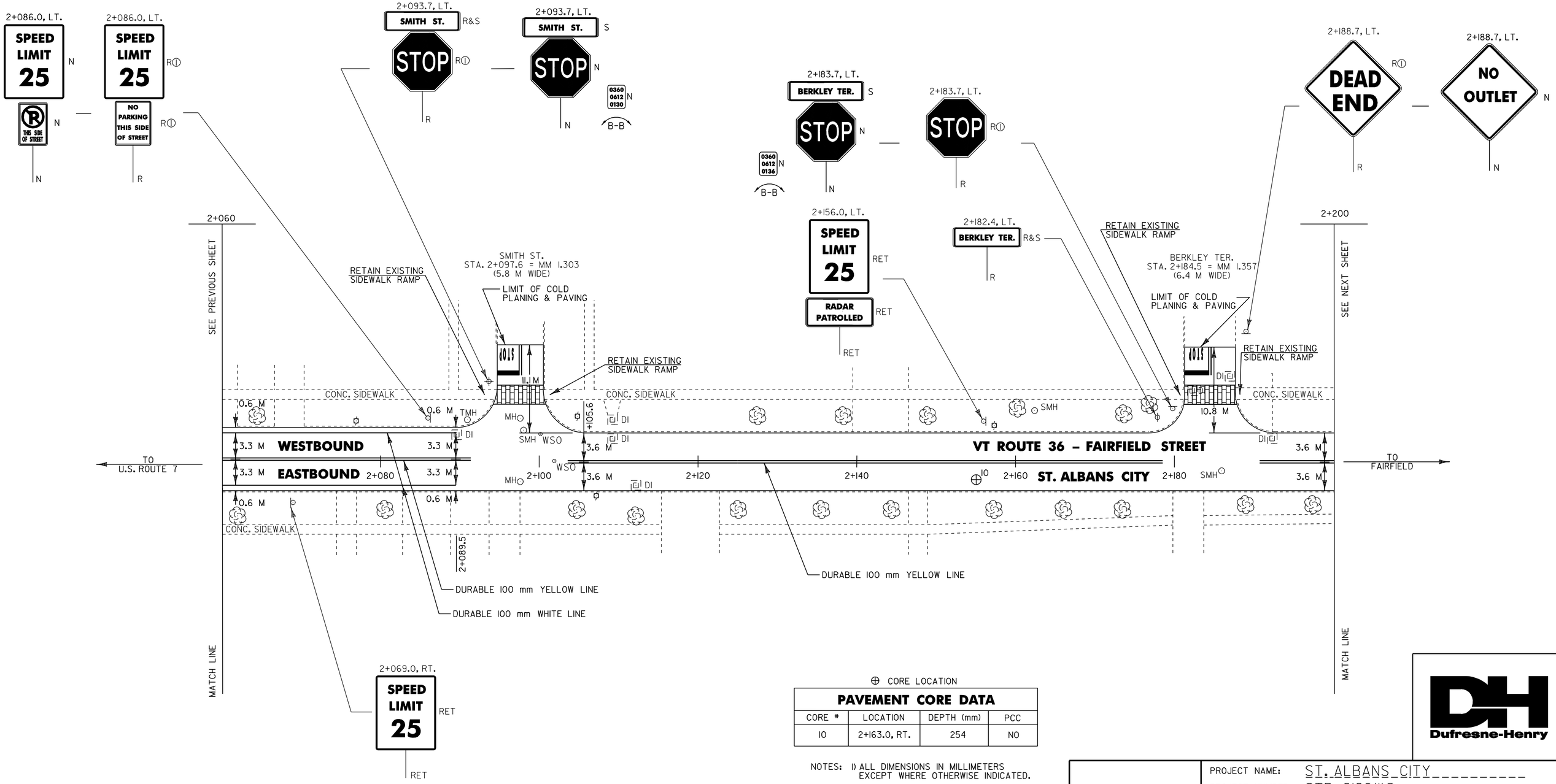
ADJUST ELEVATION OF VALVE BOX
STA. 2+100.1, LT. - WSO
~~STA. 2+102.1, ℄. - WSO~~

ERECTING SALVAGED SIGNS
AS SHOWN - 2

~~CHANGING ELEVATION OF SMH'S~~
~~STA. 2+097.6, LT.~~
~~STA. 2+186.0, RT.~~

REMOVING SIGNS
AS SHOWN - 7

~~TEMPORARY AND~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 2+097.6, LT. (SMITH ST.)
STA. 2+184.5, LT. (BERKLEY TER.)



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
I0	2+163.0, RT.	254	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 STANDARD E-193M.

PROJECT LAYOUT #6

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S
FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p06.I
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 80 OF 105

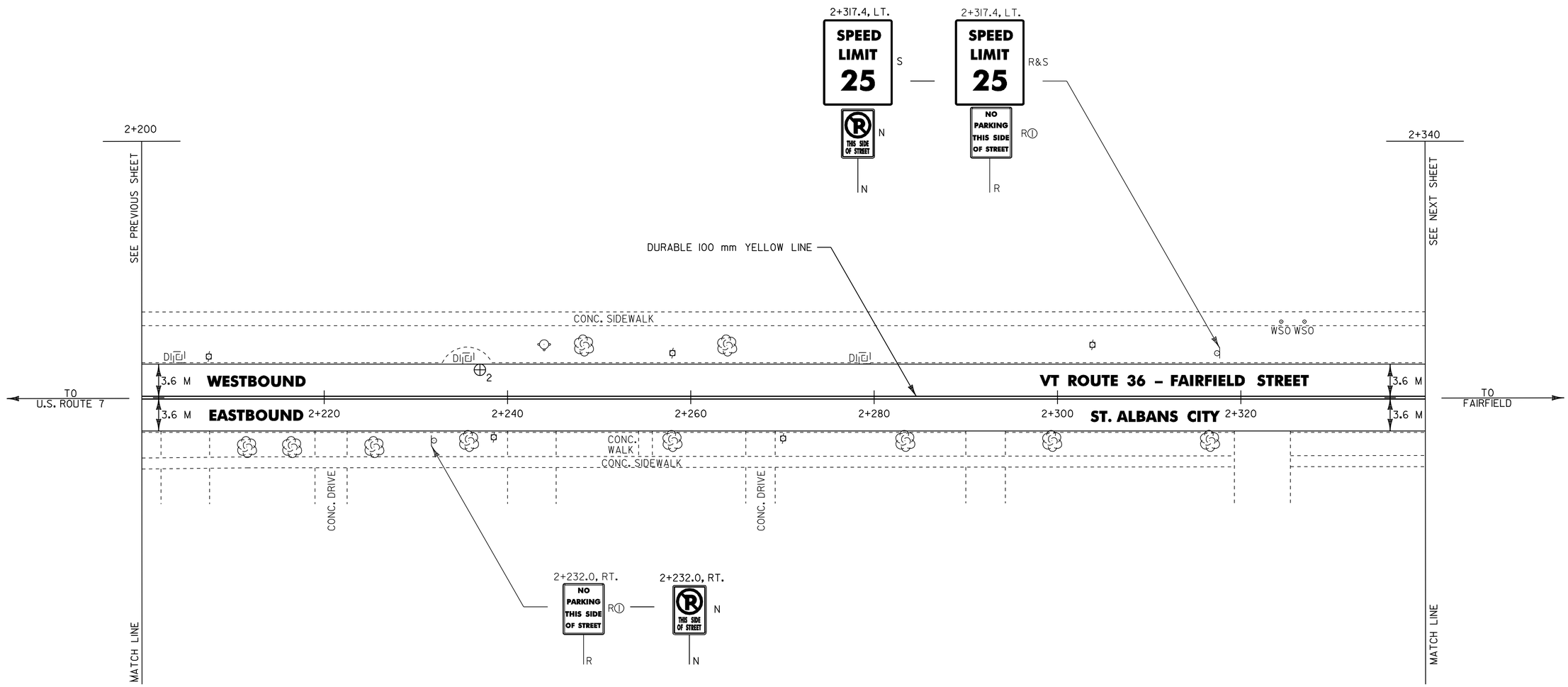
TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 2+200.0 TO 2+340.0, SOLID LT. & RT.

CHANGING ELEVATION OF DI'S, CB'S OR MH'S
~~STA. 2+235.8, LT. DI~~

REMOVING SIGNS
AS SHOWN - 3

ERECTING SALVAGED SIGNS
AS SHOWN - 1

VAOT Metric



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
2	2+237.0, LT.	159	YES

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

Dufresne-Henry

PROJECT LAYOUT #7

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p07.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 8I OF 105

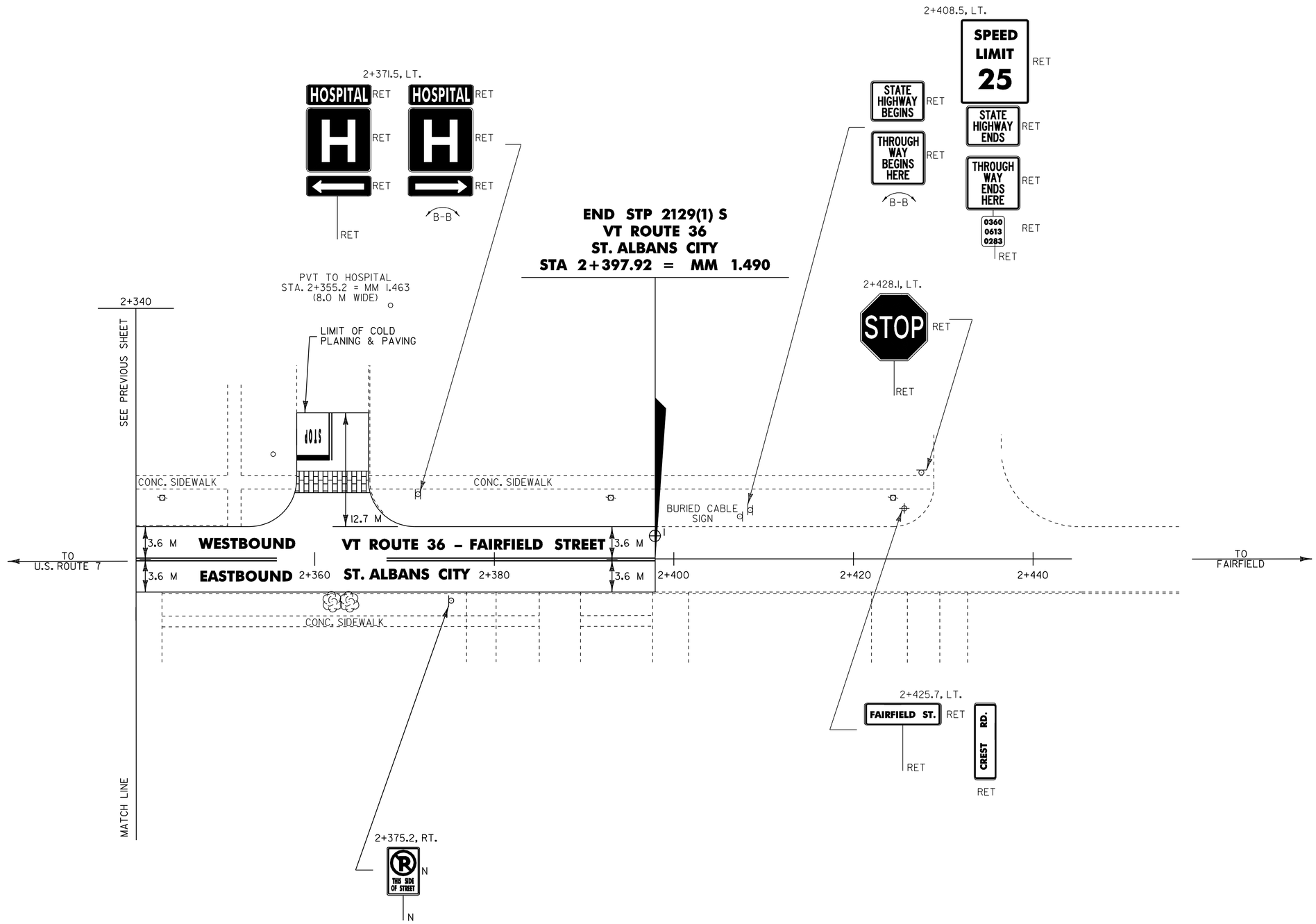
TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA. 2+340.0 TO 2+397.9, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR HOSPITAL)
STA. 2+355.2, LT. DOUBLE SOLID (HOSPITAL)

~~TEMPORARY AND~~ DURABLE 600 mm STOP BAR (TYPE ITAPE)
STA. 2+355.2, LT. (PVT TO HOSPITAL)

~~TEMPORARY AND~~ DURABLE LETTER OR SYMBOL (TYPE ITAPE)
STA. 2+355.2, LT. - "STOP"

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES (MOD.)
STA. 2+355.2, LT.

VAOT Metric



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
1	2+397.9, LT.	171	YES

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

Dufresne-Henry

PROJECT LAYOUT #8

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(1)S
FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070p08.1
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 82 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	NEW & SALVAGED SIGNS: SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS	EXIST POST: RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) 44 kg/m 3.4	50 kg/m 3.9	63 kg/m 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) 75 kg/m 1.9	100 kg/m 2.5	100 MOD kg/m 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	75 kg/m 11.3	89 kg/m 13.4	100 kg/m 16.1	125 kg/m 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS						* ANCHOR = 1 METER																			
VT ROUTE 36	← BURLINGTON VT 28 RAILROAD STATION → SWANTON VT 9 → MONTREAL QUE →	1	1800	250	0.45																														E-123M
		1	1800	250	0.45																														E-123M
		1	1800	250	0.45																														E-123M
		1	1800	250	0.45																														E-123M
	SOUTH WEST NORTH 7 VERMONT 36 7 NO TURN ON RED	1	600	300	0.18																														E-136AM
		1	600	600	0.36																														E-136AM
		1	525	375	0.20																														E-136AM
I+420.6, LT.		1	600	600	0.36																														E-140M
																																INSTALL NEW SIGNS ON EXISTING WOOD FRAME		
		1	600	300	0.18																														E-136BM
		1	600	600	0.36																														E-136BM
		1	525	375	0.20																														E-136BM
		1	600	300	0.18																														E-136AM
		1	600	600	0.36																														E-136AM
		1	525	375	0.20																														E-136AM
I+451.0, LT.	ONLY ONLY	1	900	750	0.68						1			X		2.7 X		1.0																E-145AM
I+493.0, LT.	STOP 0360 0612 0093	1	750	750	0.56						1			X		2.7 X		1.0														BACK TO BACK.		E-143M
		1	150	200	0.03																														E-138M
I+495.1, RT.	EAST VERMONT 36 TO VERMONT 104																																INSTALL NEW SIGNS ON EXISTING WOOD FRAME		
		1	600	300	0.18																														E-136BM
		1	600	600	0.36																														E-136BM
		1	750	600	0.45																														E-136BM
I+505.0, RT.	STOP 0360 0612 0094	1	750	750	0.56						1			X		2.7 X		1.0														BACK TO BACK.		E-143M
		1	150	200	0.03																														E-138M
I+514.0, RT.		1	750	750	0.56						1			X		3.2 X		1.0																E-152M
		1	600	300	0.18																													88	
I+515.0, LT.		1	750	750	0.56						1			X		2.9 X		1.0																E-152M
		1	600	300	0.18																													88	
I+521.7, LT.	RESERVED PARKING	1	300	450	0.14						1			X		2.5 X		1.0																88	
TOTALS			m^2 9.03	m^2	EA.	m^2						m 27.6 ~~27.6~~				m 22.7 ~~27.6~~			EA	kg			EA.	kg				EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT:	PROJECT NO.:
ST. ALBANS CITY	STP 2129(I)S

DESIGN FILE NAME: /pave/99d070/pd070.dgn
IPARM FILE NAME: pd070t01.i
SURVEYED BY: D-H
DESIGNED BY: D-H

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 09/98
DRAWN BY: D-H
SHEET: 83 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS						* ANCHOR = 1 METER																			
VT ROUTE 36																																			
1+534.2, RT.		1	300	450	0.14						1			X		2.8 X		1.0																88	
1+547.5, RT.		1	300	450	0.14						1			X		2.7 X		1.0																88	
1+575.0, RT.		1	300	450	0.14						1			X		2.6 X		1.0																88	
1+586.0, RT.		1	750	750	0.56						1			X		3.0 X		1.0																	E-152M
		1	600	300	0.18																													88	-
1+596.0, LT.		1	750	750	0.56						1			X		3.2 X		1.0																	E-152M
		1	600	300	0.18																													88	
1+605.8, RT.		1	300	450	0.14						1			X		2.6 X		1.0																88	
1+630.0, LT.		1	300	450	0.14						1			X		2.6 X		1.0																88	
1+633.2, LT.		1	300	450	0.14						1			X		2.6 X		1.0																88	
1+641.5, RT.		1	300	450	0.14						1			X		2.9 X		1.0																88	
		1	300	450	0.14																													88	
1+650.4, LT.		1	900	300	0.27						1			X		2.1 X		1.0																	E-142M
												m	m	m 46.0	m	m 46.0 27.1	m	10.0	EA	kg	kg	kg		kg	kg	kg	kg								
TOTALS			m^2 2.87	m^2	EA.	m^2						m 46.0			m 46.0 37.1					kg			EA.	kg				EA.	EA.	kg					

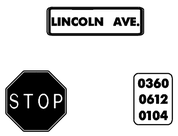
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT:	PROJECT NO.:
DESIGN FILE NAME: /pave/99d070/pd070.dgn	
IPARM FILE NAME: pd070t02.i	PLOT DATE: 01-FEB-2006 0
SURVEYED BY: D-H	SURVEY DATE: 09/98
DESIGNED BY: D-H	DRAWN BY: D-H
	SHEET: 84 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS						* ANCHOR = 1 METER																			
VT ROUTE 36																																			
1+663.0, LT.		1	750	750	0.56						1			X		3.3 X		1.0																	E-152M
		1	600	300	0.18																													88	
1+667.0, RT.							1				1			X		2.9 X		1.0																NEW STOP SIGN AND MILEMARKER MOUNTED BACK TO BACK. SALVAGED STREET SIGN INSTALLED 150 mm ABOVE THE 'STOP' SIGN USING POST TOP MOUNTING BRACKET ON NEW POST.		-
		1	750	750	0.56																													E-143M
		1	150	200	0.03																													E-138M
1+668.0, RT.		1	750	750	0.56						1			X		3.0 X		1.0																	E-152M
		1	600	300	0.18																													88	
1+674.7, LT.		1	300	450	0.14						1			X		2.6 X		1.0																	88	
1+685.7, RT.		1	300	450	0.14						1			X		2.7 X		1.0																	88	
1+726.0, LT.	SPEED LIMIT 25	1	600	750	0.45						1			X		3.0 X		1.0																	E-142	
1+783.0, LT.	HIGH ST.						1				1			X		2.8 X		1.0																NEW STOP SIGN AND MILEMARKER MOUNTED BACK TO BACK. SALVAGED STREET SIGN INSTALLED 150 mm ABOVE THE 'STOP' SIGN USING POST TOP MOUNTING BRACKET ON NEW POST.		-
	STOP 0360 0612 0111	1	750	750	0.56																													E-143M
		1	150	200	0.03																													E-138M
1+805.9, RT.		1	300	450	0.14						1			X		2.7 X		1.0																	88	
1+837.9, LT.	SPEED LIMIT 25	1	600	750	0.45						1			X		3.3 X		1.0																	E-142M	
		1	300	450	0.14																													88	
1+909.7, RT.		1	300	450	0.14						1			X		2.5 X		1.0																	88	
TOTALS			m^2 4.26	m^2	EA. 2	m^2						m ~~46.0~~	m	m 46.0	m	m ~~46.0~~ 28.8	m	10.0	EA	kg	kg	kg	EA.	kg	kg	kg	kg	EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT: ST. ALBANS CITY	PROJECT NO.: STP 2129(I)S
DESIGN FILE NAME: /pave/99d070/pd070.dgn	
IPARM FILE NAME: pd070t03.i	PLOT DATE: 01-FEB-2006 0
SURVEYED BY: D-H	SURVEY DATE: 09/98
DESIGNED BY: D-H	DRAWN BY: D-H
	SHEET: 85 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	FLANGED CHANNEL kg/m 3.0	FLANGED CHANNEL kg/m 4.5	SQUARE STEEL (mm) kg/m 44 3.4	SQUARE STEEL (mm) kg/m 50 3.9	SQUARE STEEL (mm) kg/m 63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	TUBULAR ALUMINUM Ø (mm) kg/m 100 2.5	TUBULAR ALUMINUM Ø (mm) kg/m 100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	TUBULAR STEEL Ø (mm) kg/m 75 11.3	TUBULAR STEEL Ø (mm) kg/m 89 13.4	TUBULAR STEEL Ø (mm) kg/m 100 16.1	TUBULAR STEEL Ø (mm) kg/m 125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	W-SHAPE STEEL FTG. SIZE 750 mm	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STD. SHEET NUMBER
												OPTION ITEMS						* ANCHOR = 1 METER																		
VT ROUTE 36																																			
1+917.0, LT.	THIS SIDE OF STREET	1	300	450	0.14				1																								MOUNT NEW SIGN ON EXISTING POST UNDER EXISTING SPEED LIMIT SIGN.	88	
1+935.7, LT.	BROWN AVE.						1				1			X		2.8 X		1.0															NEW STOP SIGN AND MILEMARKER MOUNTED BACK TO BACK. SALVAGED STREET SIGN INSTALLED 150 mm ABOVE THE 'STOP' SIGN USING POST TOP MOUNTING BRACKET ON NEW POST.	-	-
	STOP 0360 0612 0120	1	750	750	0.56																													E-143M
		1	150	200	0.03																													E-138M
2+036.5, RT.		1	750	750	0.56						1			X		3.3 X		1.0																E-152M
		1	600	300	0.18																													88
2+045.0, LT.		1	750	750	0.56						1			X		3.2 X		1.0																E-152M
		1	600	300	0.18																													88
2+050.2, RT.	FAIRFIELD ST. BARLOW ST.						1 1																										NEW STOP SIGN AND MILEMARKER MOUNTED BACK TO BACK. SALVAGED STREET SIGNS INSTALLED 90° TO EACH OTHER, 150 mm ABOVE THE 'STOP' SIGNS USING POST TOP MOUNTING BRACKET ON NEW POST.	- -	- -
	STOP 0360 0612 0127	1	750	750	0.56						1			X		2.7 X		1.0																E-143M
		1	150	200	0.03																													E-138M
2+086.0, LT.	SPEED LIMIT 25	1	600	750	0.45						1			X		3.2 X		1.0																E-142M
	THIS SIDE OF STREET	1	300	450	0.14																													88
2+093.7, LT.	SMITH ST.						1				1			X		2.8 X		1.0															NEW STOP SIGN AND MILEMARKER MOUNTED BACK TO BACK. SALVAGED STREET SIGN INSTALLED 150 mm ABOVE THE 'STOP' SIGN USING POST TOP MOUNTING BRACKET ON NEW POST.	-	-
	STOP 0360 0612 0130	1	750	750	0.56																													E-143M
		1	150	200	0.03																													E-138M
2+183.7, LT.	BERKLEY TER.						1				1			X		2.8 X		1.0															NEW STOP SIGN AND MILEMARKER MOUNTED BACK TO BACK. SALVAGED STREET SIGN INSTALLED 150 mm ABOVE THE 'STOP' SIGN USING POST TOP MOUNTING BRACKET ON NEW POST.	-	-
	STOP 0360 0612 0136	1	750	750	0.56																													E-143M
		1	150	200	0.03																													E-138M
TOTALS		m² 4.57	m²	EA. 5	m²							m ~~32.2~~			m ~~32.2~~ 27.8					kg			EA.	kg				EA.	EA.	kg			
												m	m	m 32.2	m	m ~~32.2~~ 20.8	m	2.0	EA	kg	kg	kg		kg	kg	kg	kg						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT: ST. ALBANS CITY	PROJECT NO.: STP 2129(I)S
DESIGN FILE NAME: /pave/99d070/pd070.dgn	
IPARM FILE NAME: pd070t04.i	PLOT DATE: 01-FEB-2006 0
SURVEYED BY: D-H	SURVEY DATE: 09/98
DESIGNED BY: D-H	DRAWN BY: D-H
	SHEET: 86 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

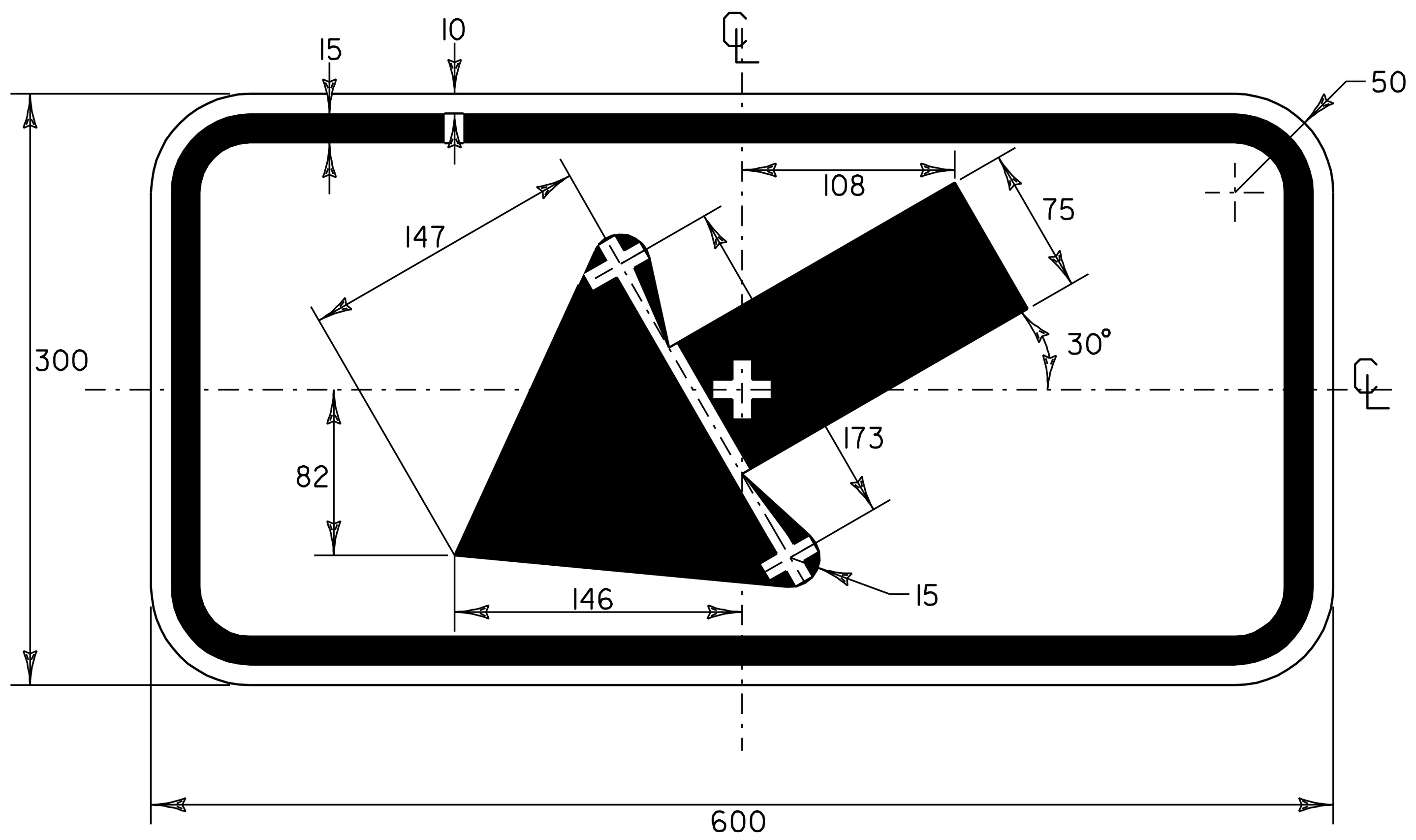
VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) 44 kg/m 3.4	50 kg/m 3.9	63 kg/m 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) 75 kg/m 1.9	100 kg/m 2.5	100 MOD kg/m 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	75 kg/m 11.3	89 kg/m 13.4	100 kg/m 16.1	125 kg/m 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS						* ANCHOR = 1 METER																			
VT ROUTE 36 2+188.7, LT.	NO OUTLET	1	750	750	0.56						1			X		3.0 X		1.0																		88	
2+232.0, RT.	R THIS SIDE OF STREET	1	300	450	0.14						1			X		2.4 X		1.0																		88	
2+317.4, LT.	SPEED LIMIT 25						1				1			X		3.0 X		1.0																SALVAGED SPEED LIMIT SIGN MOUNTED ABOVE NEW NO PARKING SIGN ON NEW POST.	-	-
	R THIS SIDE OF STREET	1	300	450	0.14																													88	
2+375.2, RT.	R THIS SIDE OF STREET	1	300	450	0.14						1			X		2.5 X		1.0																		88	
	TOTALS				0.98		1									10.9		4.0																			
																	14.9																			
	SHEET 83 TOTALS				9.03		-							27.6		~~27.6~~	22.7																			
	SHEET 84 TOTALS				2.87		-							46.0		~~46.0~~	37.1																			
	SHEET 85 TOTALS				4.26		2							46.0		~~46.0~~	38.8																			
	SHEET 86 TOTALS				4.57		5							32.2		~~32.2~~	27.8																			
	SHEET 87 TOTALS				0.98		1							18.4		~~18.4~~	14.9																			
	SUBTOTALS				21.71		8							170.2		~~170.2~~	141.3																			
	ROUNDING				~~0.29~~ 0		-							3.8		~~3.8~~	0																			
												m	m	m 174	m	m ~~174~~ 141.3	m		EA	kg	kg	kg		kg	kg	kg	kg								
TOTALS					m^2 ~~22~~ 21.71	m^2	EA. 8	m^2				m ~~174~~			m ~~174~~ 141.3					kg	EA.	kg		EA.	EA.	kg											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT:	PROJECT NO.:
ST. ALBANS CITY	STP 2129(I)S

DESIGN FILE NAME: /pave/99d070/pd070.dgn
IPARM FILE NAME: pd070t05.i
SURVEYED BY: D-H
DESIGNED BY: D-H
PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 09/98
DRAWN BY: D-H
SHEET: 87 OF 105

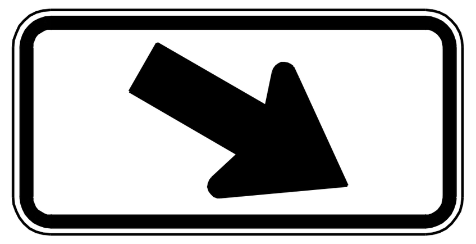


W16–7L

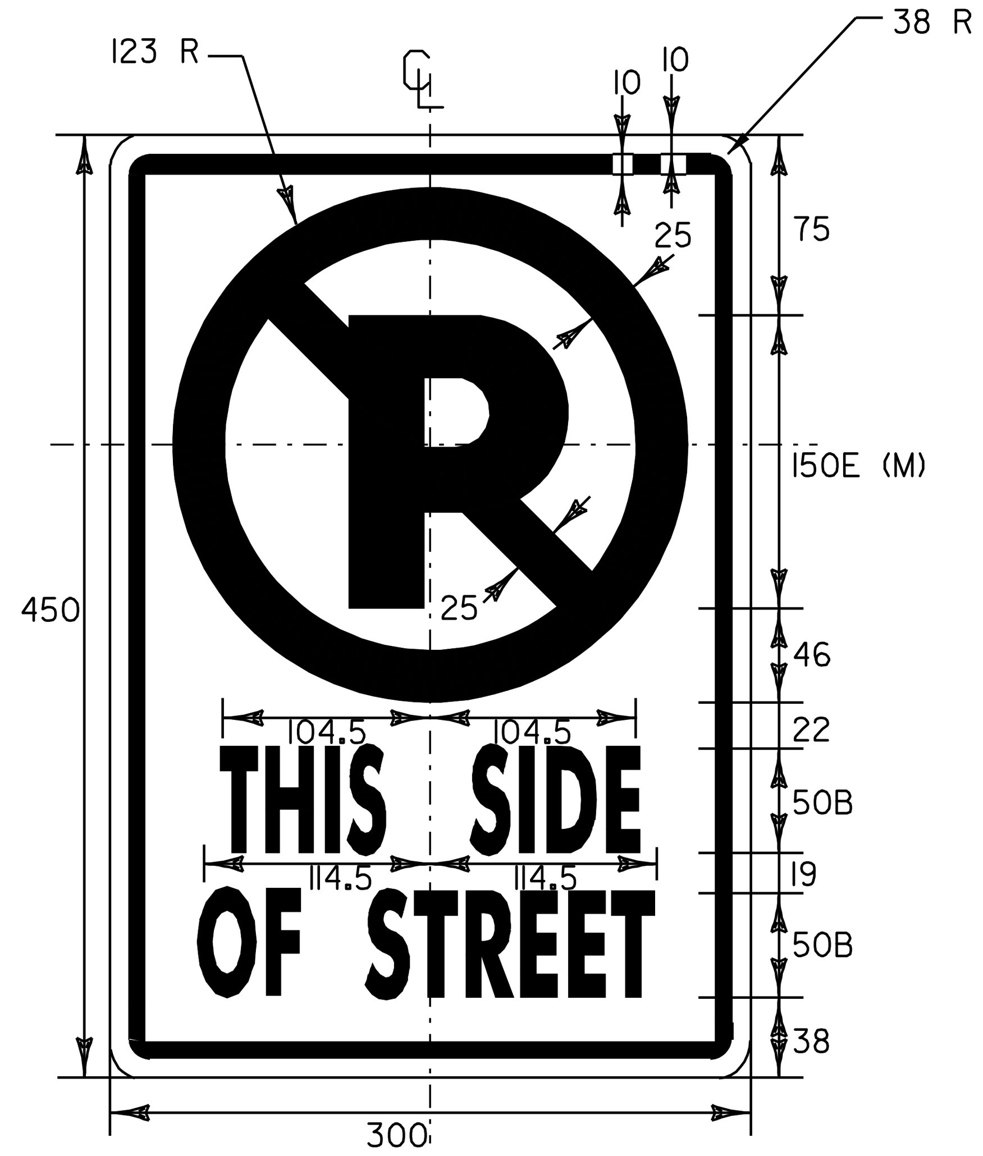
BLACK BORDER & SYMBOL
WITH REFLECTORIZED YELLOW BACKGROUND
SEE VTrans STANDARD E-153M FOR MATERIALS

LOCATIONS

VT ROUTE 36 STA. 1+514.0, RT.
VT ROUTE 36 STA. 1+515.0, LT.
VT ROUTE 36 STA. 1+586.0, RT.
VT ROUTE 36 STA. 1+596.0, LT.
VT ROUTE 36 STA. 1+663.0, LT.
VT ROUTE 36 STA. 1+668.0, RT.
VT ROUTE 36 STA. 2+036.5, RT.
VT ROUTE 36 STA. 2+045.0, LT.



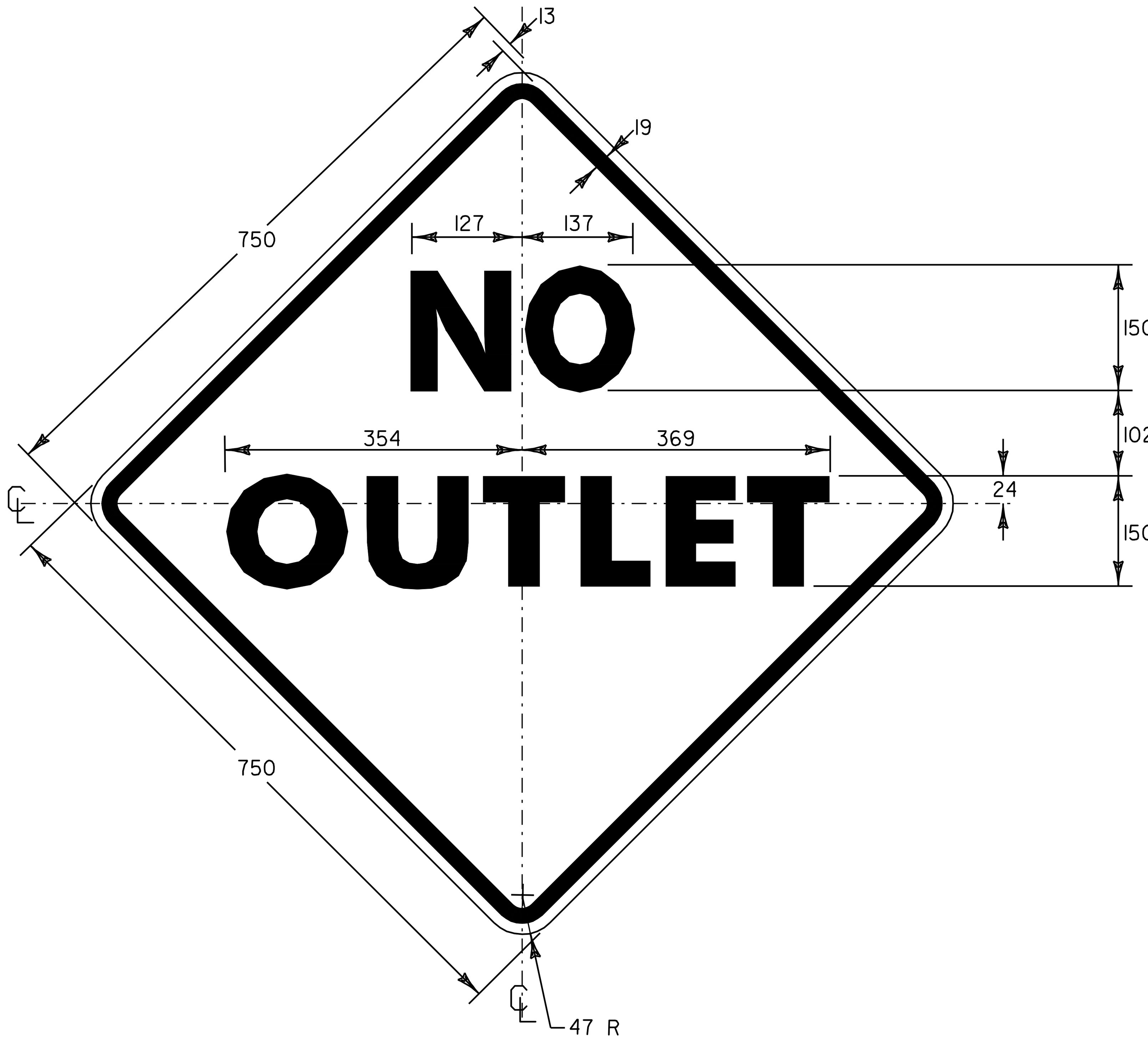
W16–7R



RED (REFL.) LEGEND AND BORDER
WHITE (REFL.) BACKGROUND
BLACK "P"
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

VT ROUTE 36 - STA. 1+674.7, LT.
VT ROUTE 36 - STA. 1+685.7, RT.
VT ROUTE 36 - STA. 1+805.9, RT.
VT ROUTE 36 - STA. 1+837.9, LT.
VT ROUTE 36 - STA. 1+909.7, RT.
VT ROUTE 36 - STA. 1+917.0, LT.
VT ROUTE 36 - STA. 2+086.0, LT.
VT ROUTE 36 - STA. 2+232.0, RT.
VT ROUTE 36 - STA. 2+317.4, LT.
VT ROUTE 36 - STA. 2+375.2, RT.

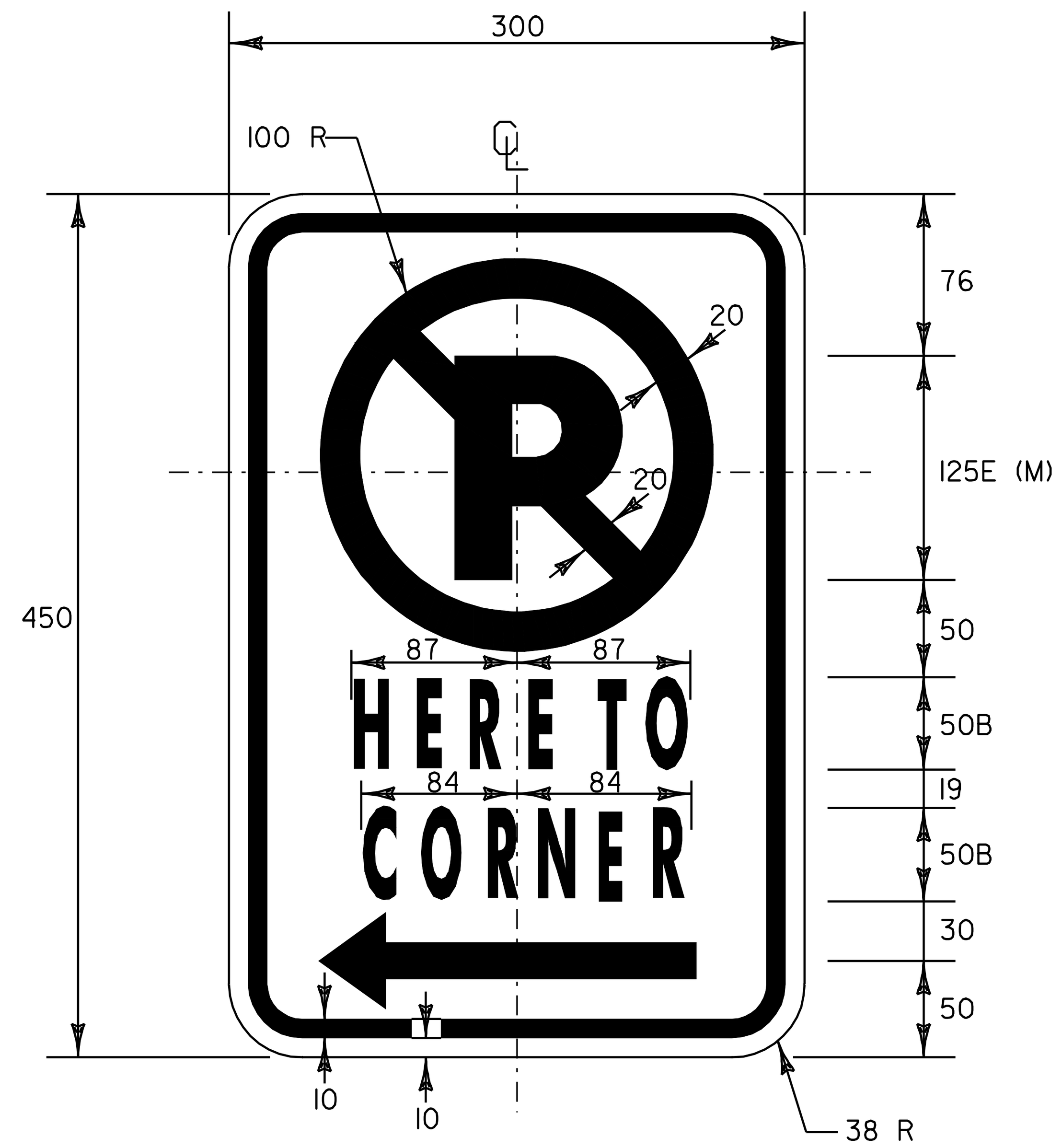


W14–2

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

LOCATIONS

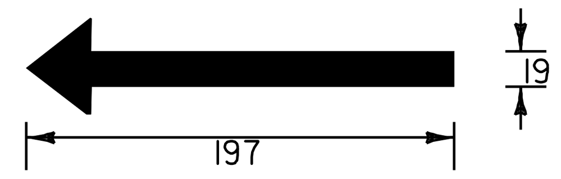
VT ROUTE 36 - STA. 2+188.7, LT.

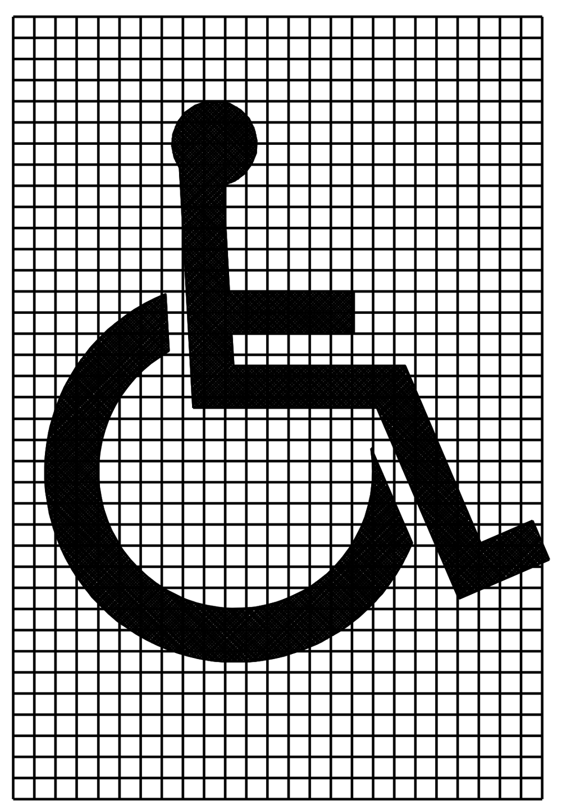


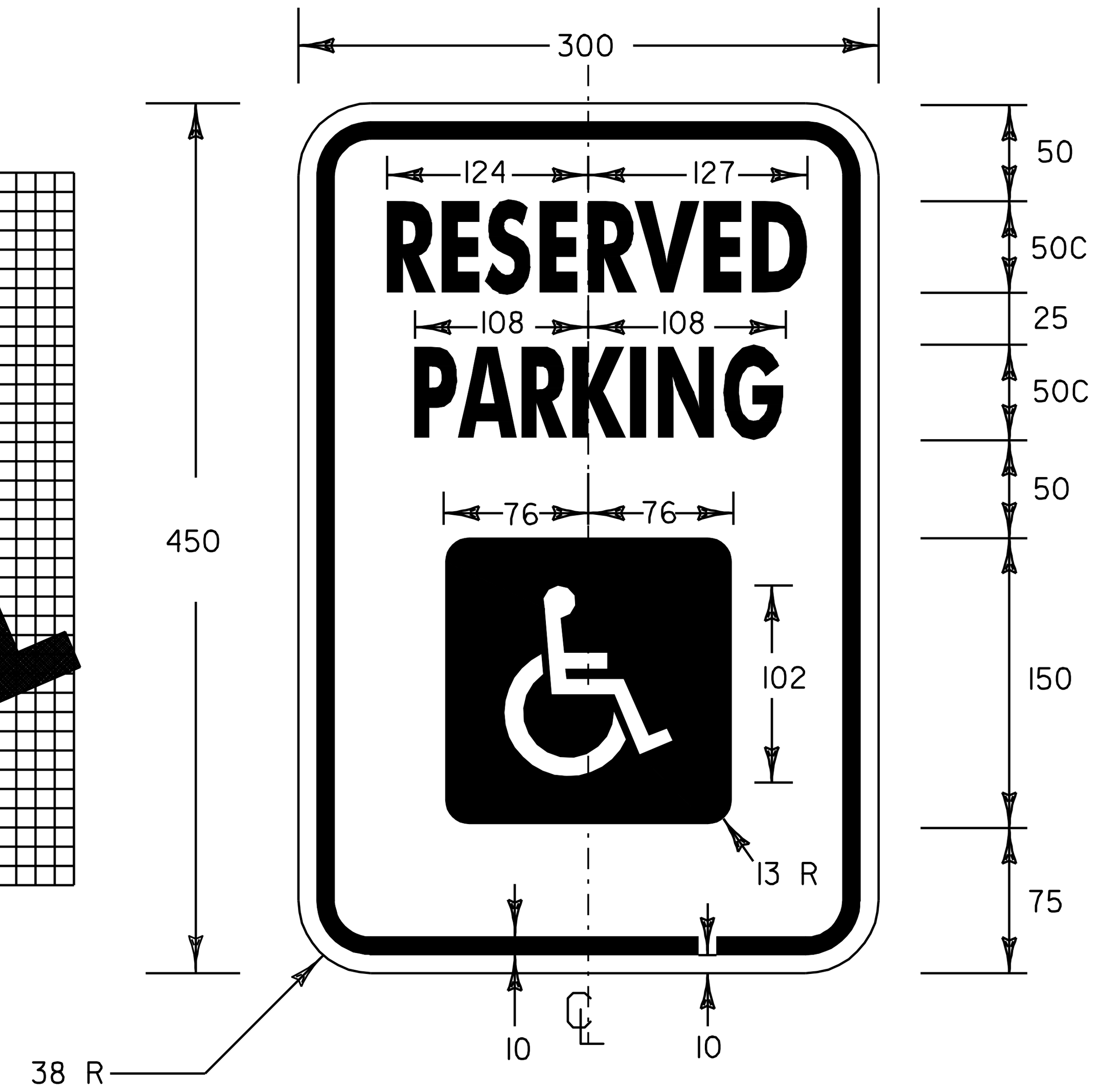
RED (REFL.) LEGEND, BORDER AND ARROW
WHITE (REFL.) BACKGROUND
BLACK "P"
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

VT ROUTE 36 - STA. 1+633.2, LT.
VT ROUTE 36 - STA. 1+641.5, RT.



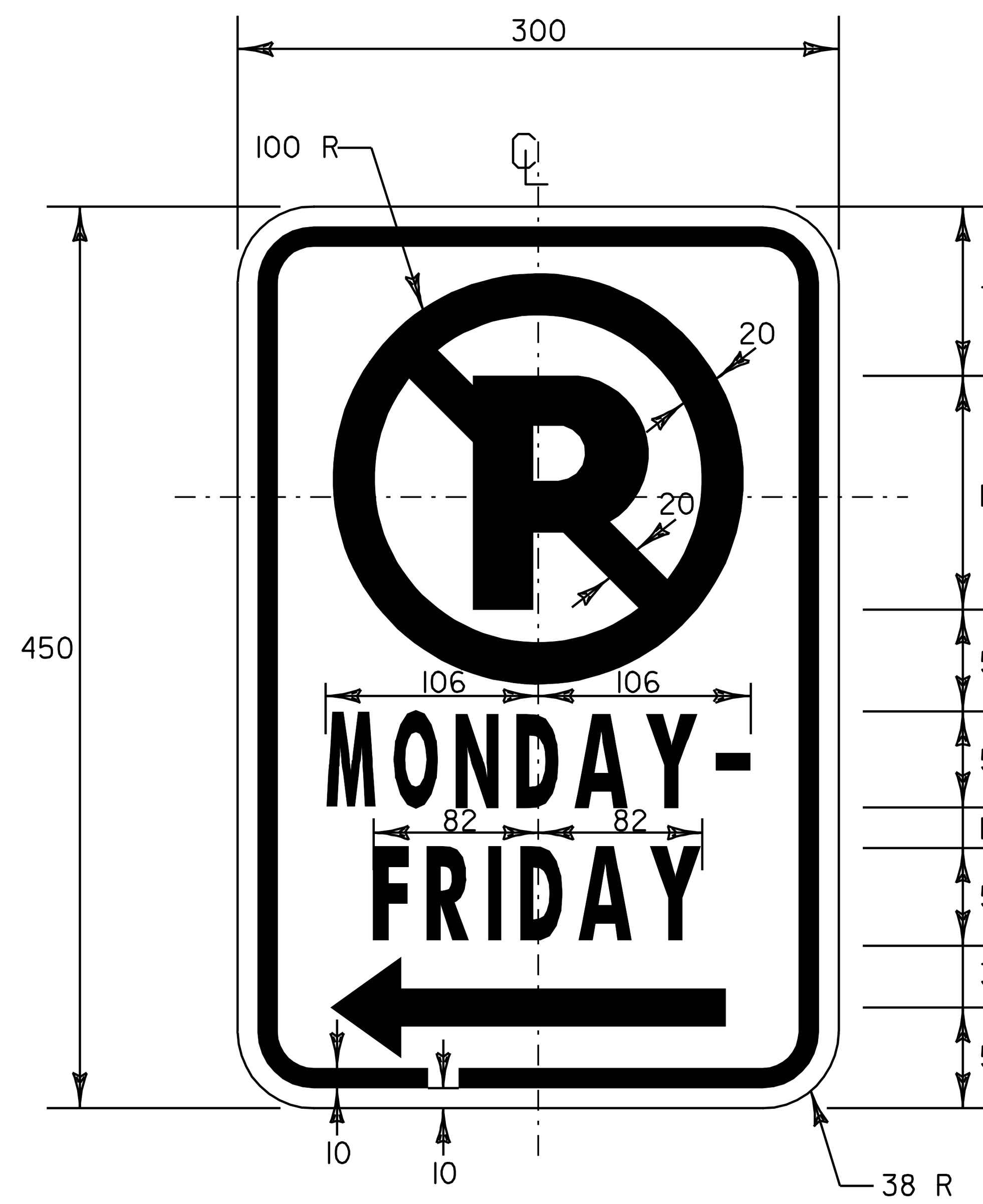




GREEN LEGEND AND BORDER WITH WHITE (REFL) BACKGROUND
WHITE SYMBOL ON BLUE BACKGROUND
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

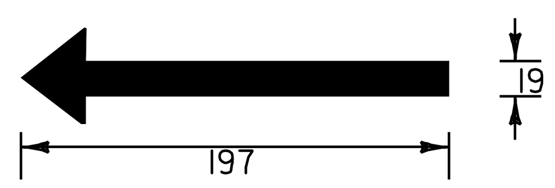
VT ROUTE 36 - STA. 1+521.7, LT.
VT ROUTE 36 - STA. 1+630.0, LT.

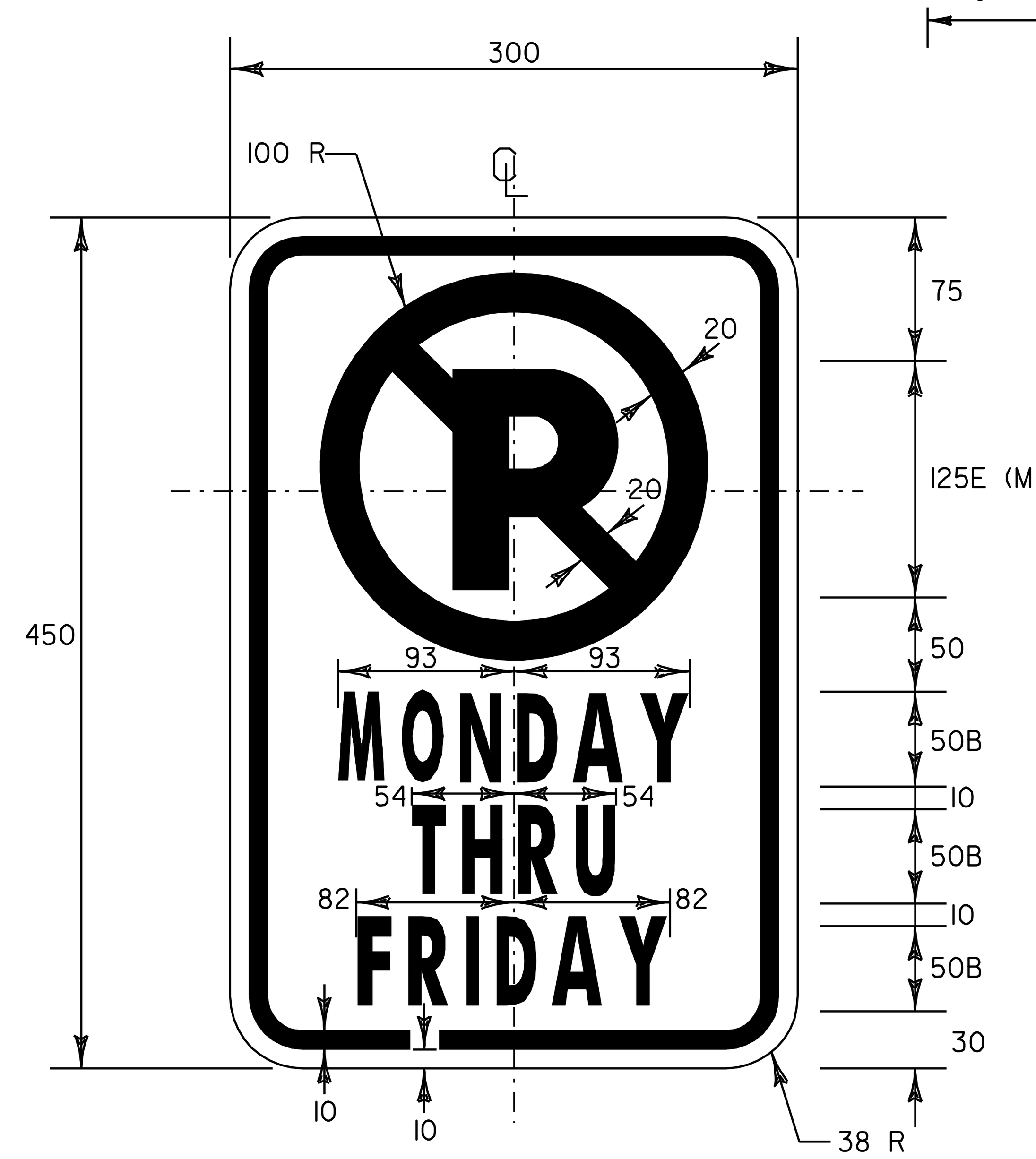


RED (REFL.) LEGEND, BORDER AND ARROW
WHITE (REFL.) BACKGROUND
BLACK "P"
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

VT ROUTE 36 - STA. 1+534.2, RT.
VT ROUTE 36 - STA. 1+641.5, RT.





RED (REFL.) LEGEND, BORDER AND ARROW
WHITE (REFL.) BACKGROUND
BLACK "P"
SEE VTrans STANDARD E-143M FOR MATERIALS

LOCATIONS

VT ROUTE 36 - STA. 1+547.5, RT.
VT ROUTE 36 - STA. 1+575.0, RT.
VT ROUTE 36 - STA. 1+605.8, RT.

NOTE:
ALL DIMENSIONS IN MILLIMETERS
EXCEPT WHERE OTHERWISE INDICATED

Metric

Dufresne-Henry

TRAFFIC SIGN DETAILS	PROJECT NAME: ST. ALBANS CITY	
	PROJECT NUMBER: STP 2129(1)S	
	FILE NAME: /pave/99d070/pd070.dgn	PLOT DATE: 01-FEB-2006 07:5
	PROJECT LEADER: JLL	DRAWN BY: D-H
	DESIGNED BY: D-H	CHECKED BY: D-H
	IPARM FILE NAME: pd070t06.1	SHEET 88 OF 105

UTILITY LOCATIONS*

(FOR INFORMATIONAL PURPOSES ONLY)

STATION	POSITION	DESCRIPTION
VT ROUTE 36 - FAIRFIELD STREET		
1+476.8	℄	SMH
1+478.3	LT	MH
1+478.3	LT	DI
1+480.0	RT	DI
1+487.4	LT	TMH
1+498.4	LT	SMH
1+498.6	LT	DI
1+507.3	LT	DI
1+507.8	RT	MH
1+507.8	RT	WSO - (3)
1+513.4	LT	DI
1+515.9	RT	DI
1+520.0	RT	DI
1+649.0	LT	DI
1+657.9	℄	SMH
1+660.0	LT	GSO - (IN GREENBELT)
1+661.5	RT	WSO - (4)
1+664.3	LT	MH
1+664.3	LT	DI
1+667.2	RT	DI
1+778.7	LT & RT	DI - (2)
1+785.8	RT	WSO - (3)
1+788.0	LT	MH
1+932.8	LT	DI
1+939.0	LT	SMH - (2)
1+941.6	RT	WSO - (2)
1+966.5	RT	DI
1+997.0	LT	SMH
2+044.6	RT	MH
2+047.2	RT	SMH
2+050.0	RT	MH
2+050.0	RT	WSO
2+089.7	LT	DI
2+097.6	RT	MH
2+097.6	LT	MH
2+097.6	LT	SMH
2+100.1	LT	WSO
2+102.1	℄	WSO
2+109.2	LT	DI
2+112.3	RT	DI
2+182.0	LT	DI
2+186.0	RT	SMH
2+191.6	LT	DI
2+196.8	LT	DI
2+235.8	LT	DI

* 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)

STATION	POSITION	DESCRIPTION
VT ROUTE 36 - FAIRFIELD STREET		
1+507.8	RT	WSO - (3)
1+661.5	RT	WSO - (4)
1+785.8	RT	WSO - ~~(3)~~ 2
1+941.6	RT	WSO - (2)
2+050.0	RT	WSO
2+100.1	LT	WSO
~~2+102.1~~	~~℄~~	~~WSO~~

CHANGING ELEVATION OF SEWER MANHOLE

(ITEM 604.42)

STATION	POSITION	DESCRIPTION
VT ROUTE 36 - FAIRFIELD STREET		
~~1+476.8~~	~~℄~~	~~SMH~~
~~1+498.4~~	~~LT~~	~~SMH~~
~~1+657.9~~	~~℄~~	~~SMH~~
1+939.0	LT	SMH - ~~(2)~~ 1
~~1+997.0~~	~~LT~~	~~SMH~~
2+047.2	RT	SMH
~~2+097.6~~	~~LT~~	~~SMH~~
~~2+186.0~~	~~RT~~	~~SMH~~

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

(ITEM 604.40)

STATION	POSITION	DESCRIPTION
VT ROUTE 36 - FAIRFIELD STREET		
1+478.3	LT	MH
1+478.3	LT	DI
1+480.0	RT	DI
1+498.6	LT	DI
~~1+507.3~~	~~RT~~	~~DI~~
1+507.8	LT	MH
~~1+513.4~~	~~LT~~	~~DI~~
1+515.9	RT	DI
1+520.0	RT	DI
~~1+649.0~~	~~LT~~	~~DI~~
1+657.0	RT	MH
1+662.5	~~LT~~ RT	MH
1+664.3	LT	DI
1+667.2	RT	DI
1+778.7	RT	DI
1+778.7	LT	DI
1+788.0	LT	MH 2

STATION	POSITION	DESCRIPTION
VT ROUTE 36 - FAIRFIELD STREET		
~~1+932.8~~	~~LT~~	~~DI~~
1+966.5	RT	DI
~~2+044.6~~	~~RT~~	~~MH~~
2+050.0	RT & LT	2 MH
2+089.7	LT	DI
2+097.6	RT	MH
~~2+097.6~~	~~LT~~	~~MH~~
2+109.2	LT	DI
~~2+112.3~~	~~RT~~	~~DI~~
2+182.0	LT	DI
~~2+191.6~~	~~LT~~	~~DI~~
~~2+196.8~~	~~LT~~	~~DI~~
~~2+235.8~~	~~LT~~	~~DI~~

Dufresne-Henry

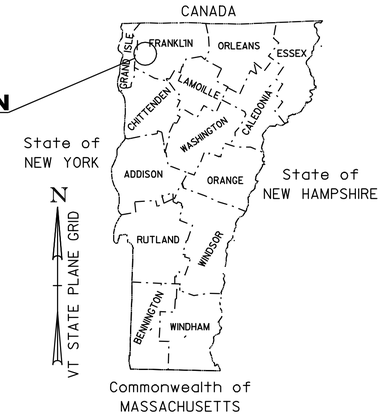
UTILITY AND STRUCTURE LOCATIONS

PROJECT NAME: ST. ALBANS CITY
PROJECT NUMBER: STP 2129(I)S

FILE NAME: /pave/99d070/pd070.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pd070usl.I

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY: D-H
SHEET 89 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROJECT LOCATION
STP 2204(1)S

PROPOSED IMPROVEMENT
CITY OF ST. ALBANS AND
TOWN OF ST. ALBANS
COUNTY OF FRANKLIN
ST. ALBANS STATE HIGHWAY

BEGINNING IN THE CITY OF ST. ALBANS ON ST. ALBANS S.H. AT STA. 0+008.05 (MM 0.005) AND EXTENDING EASTERLY ALONG ST. ALBANS S. H. FOR A DISTANCE OF 1126.54 M (0.700 MILE) TO STA. 1+039.64 (MM 0.646) IN THE TOWN OF ST. ALBANS.

PROJECT DATA		LENGTH (M)	LENGTH (MILES)
CITY OF ST. ALBANS STA. 0+008.05 TO STA. 0+094.95 MM 0.005 TO MM 0.059	=	86.90	0.054
TOWN OF ST. ALBANS STA. 0+000.00 TO STA. 1+039.64 MM 0.000 TO MM 0.646	=	1039.64	0.646
TOTAL LENGTH OF PROJECT	=	1126.54	0.700
TOTAL LENGTH OF ROADWAY	=	1126.54	0.700

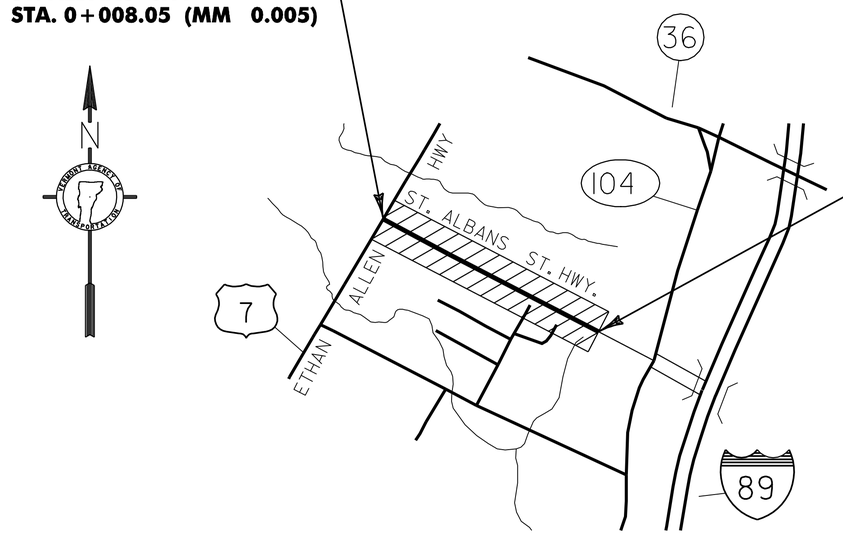
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING AND RESURFACING OF THE EXISTING HIGHWAY, NEW PAVEMENT MARKINGS AND INCIDENTAL ITEMS.

TRAFFIC DATA

ST. ALBANS STATE HIGHWAY

LOCATION	ADT		DHV		ESALS
	2002	2012	2002	2012	(2002-2012)
BEGIN PROJECT TO VT ROUTE 104	6700	8000	860	970	1,514,000

BEGIN STP 2204(1)S
ST. ALBANS S. H.
ST. ALBANS CITY
STA. 0+008.05 (MM 0.005)



END STP 2204(1)S
ST. ALBANS S. H.
ST. ALBANS
STA. 1+039.64 (MM 0.646)

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.

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'.

Dufresne-Henry

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 (SR SR SR)
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
= EXISTING SIGNAL HEAD

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

SURVEYED BY : D-H
SURVEYED DATE : 4/13/00

DATUM
VERTICAL N/A
HORIZONTAL N/A

VAOT Metric

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

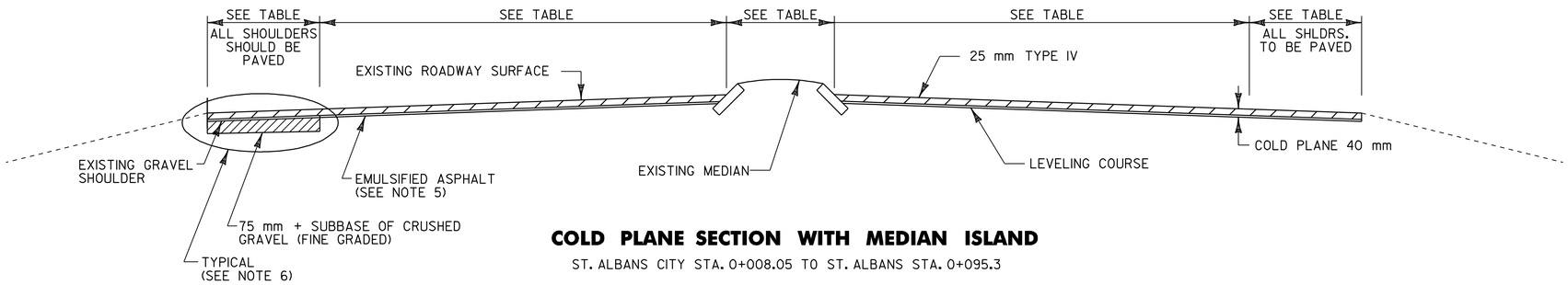
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____

DIRECTOR OF PROJECT DEVELOPMENT
APPROVED _____ DATE _____

PROJECT MANAGER :

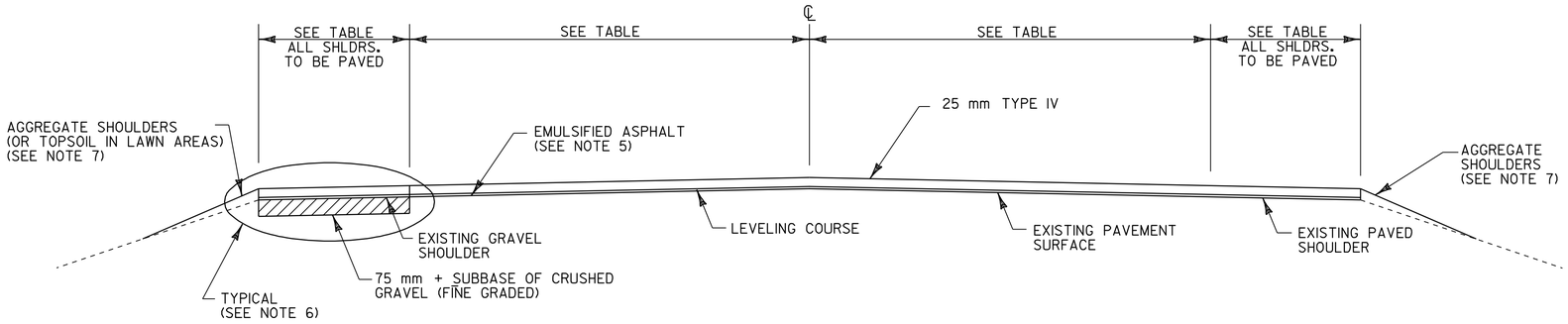
PROJECT NAME : ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER : STP 2204(1)S

SHEET 90 OF 105 SHEETS



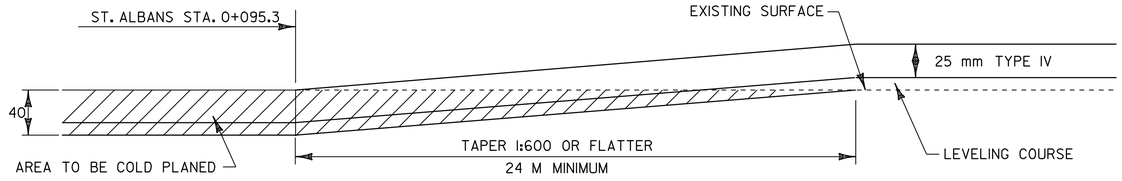
COLD PLANE SECTION WITH MEDIAN ISLAND

ST. ALBANS CITY STA. 0+008.05 TO ST. ALBANS STA. 0+095.3



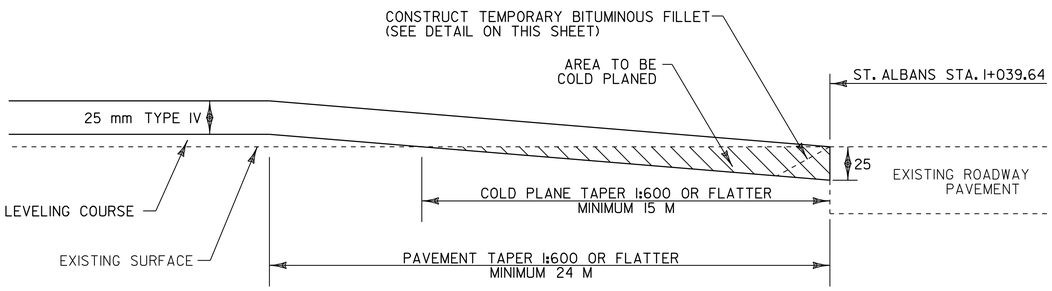
OVERLAY TYPICAL SECTION – ROADWAY

ST. ALBANS STA. 0+095.3 TO 1+039.6



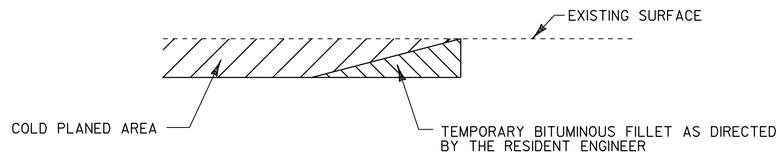
TRANSITION AREA DETAIL
FULL ROADWAY WIDTH

(COLD PLANE, LEVEL AND OVERLAY TO LEVEL AND OVERLAY)
ST. ALBANS STA. 0+095.3 TO 0+119.3



APPROACH AREA DETAIL
(END LEVELING AND OVERLAY)
FULL ROADWAY WIDTH

ST. ALBANS STA. 1+015.64 TO 1+039.64



DETAIL AT VERTICAL COLD PLANE JOINTS

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
ST. ALBANS CITY, ST. ALBANS S.H.	0+008.05	0+094.95	VARIES - SEE LAYOUTS	25 mm	53	COLD PLANE 40 mm, LEVEL WITH TYPE IV, THEN OVERLAY
						WITH 25 mm TYPE IV
ST. ALBANS, ST. ALBANS S.H.	0+000.00	0+095.3	VARIES - SEE LAYOUTS	25 mm	51	COLD PLANE 40 mm, LEVEL WITH TYPE IV, THEN OVERLAY
						WITH 25 mm TYPE IV
ST. ALBANS, ST. ALBANS S.H.	0+095.3	1+039.64	VARIES - SEE LAYOUTS	25 mm	476	LEVEL WITH TYPE IV, THEN OVERLAY WITH 25 mm TYPE IV

NOTES

1. THE PAVEMENT WEARING COURSE AND LEVELING COURSE ON THE ROADWAY SHALL BE TYPE IV, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE TYPE IV LEVELING COURSE QUANTITY IS ESTIMATED AT 15 mm . ALL ASPHALT CEMENT USED IN THE BITUMINUOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. 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 406.25 BITUMINOUS CONCRETE PAVEMENT.
4. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE PROJECT BY THE USE OF A VERTICAL BUTT JOINT AS DETAILED ON THIS SHEET.
5. EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE ENGINEER.
6. 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, ITEM 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.
7. COLD PLANE GRINDINGS SHALL BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER. THIS WILL BE PAID UNDER ITEM 402.12 (MOD.)

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.

Dufresne-Henry

PROJECT TYPICALS & PAVING LIMITS

PROJECT NAME: ST. ALBANS CITY - ST. ALBANS
PROJECT NUMBER: STP 2204(1)S

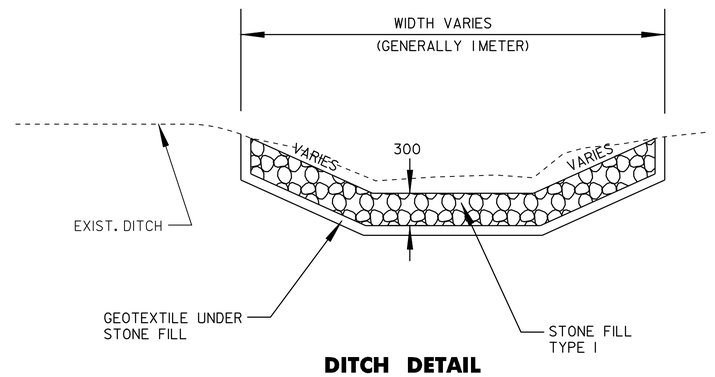
FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl60typ.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 91 OF 105

Metric

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
					PERCENT GRADE		613.10	649.31	654.10	
SITE	STATION	STATION	POS.	0-1	1-2.5	2.5-10	STONE FILL TYP. I	GEOT. UNDER STONE FILL	EROS. MATT.	
ST. ALBANS CITY-ST. ALBANS							m3	m2	m2	
DISTRICT #8										
	ST. ALBANS									
1	0+032	0+161	RT		129					
2	0+032	0+161	LT		129					
3	0+402	0+547	LT	145						
4	0+644	0+740	RT	96						
5	0+837	1+039.64	LT	203						
PROJECT SUBTOTALS (EST.)				444	258		10	10	10	
ROUNDING				-	-		-	-	-	
PROJECT TOTALS				444	258		10	10	10	

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
					PERCENT GRADE		613.10	649.31	654.10	
SITE	STATION	STATION	POS.	0-1	1-2.5	2.5-10	STONE FILL TYP. I	GEOT. UNDER STONE FILL	EROS. MATT.	
							m3	m2	m2	

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
					PERCENT GRADE		613.10	649.31	654.10	
SITE	STATION	STATION	POS.	0-1	1-2.5	2.5-10	STONE FILL TYP. I	GEOT. UNDER STONE FILL	EROS. MATT.	
							m3	m2	m2	



DITCH DETAIL

NOT TO SCALE

NOTES:

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

AN ESTIMATED QUANTITY OF EROSION MATTING AND STONE FILL TYPE I HAS BEEN INCLUDED. EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2 AND 5 PERCENT AND STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE GREATER THAN 5 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER.

Dufresne-Henry

DITCH CLEANING DETAIL SHEET

PROJECT NAME: ST. ALBANS CITY - ST. ALBANS

PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl60dd.I

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 92 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

					ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					3	3	m³	COMMON EXCAVATION	203.15	EST.
					2	2	m³	SOLID ROCK EXCAVATION	203.16	EST.
					1	1	m³	EARTH BORROW	203.30	EST.
					3800	3800	m²	COLD PLANING - BITUMINOUS PAVEMENT	210.10	57
					19	19	T	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	EST.
					350	350	T	AGGREGATE SHOULDERS (MOD.)	402.12	8
					3950	3950	KG	EMULSIFIED ASPHALT	404.65	34
					1550	1550	T	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25	3
					7	7	EA	REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I	604.412	EST.
					20	20	HR	POWER GRADER RENTAL	608.15	EST.
					40	40	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
					15	15	HR	POWER BROOM RENTAL	608.30	EST.
					10	10	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
					20	20	HR	TRUCK RENTAL	608.37	EST.
					20	20	HR	LOADER RENTAL, TYPE I	608.40	EST.
					1	1	T	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	0.8
					10	10	m³	STONE FILL, TYPE I	613.10	EST.
					1	1	M	VERTICAL GRANITE CURB	616.21	EST.
					13	13	M	REMOVING AND RESETTING CURB	616.40	1.0
					14	14	m²	PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm	618.10	0.5
					1	1	EA	ADJUST ELEVATION OF VALVE BOXES	629.20	EST.
					70	70	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
					110	110	HR	FLAGGERS	630.15	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
2950	m²	MAINLINE
396	m²	TRANSITION
397	m²	APPROACH
57	m²	ROUNDING
3800	m²	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
967	T	MAINLINE WEARING COURSE (TYPE IV)
580	T	LEVELING COURSE (TYPE IV)
3	T	ROUNDING
1550	T	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :
ST. ALBANS CITY
- ST. ALBANS

PROJECT NO. :
STP 2204(I)S

DESIGN FILE NAME: /pave/99bl60/pbl60.dgn
IPARM FILE NAME: pbl60ql.i
SURVEYED BY: D-H
SQUAD LEADER: JLL

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 04/17/00
DRAWN BY: D-H
SHEET: 93 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

					ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
					1	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
					2350	2350	M	DURABLE 150 mm WHITE LINE	646.414	10
					2690	2690	M	DURABLE 150 mm YELLOW LINE	646.415	9
					110	110	M	DURABLE 300 mm YELLOW LINE	646.45	3.8
					10	10	M	DURABLE 600 mm STOP BAR (TYPE I TAPE)	646.46	0.7
					67	67	EA	DURABLE LETTER OR SYMBOL (TYPE I TAPE)	646.50	-
					30	30	M	DURABLE CROSSWALK MARKINGS W/DIAGONAL LINES (MOD.)	646.51	2
					4690	4690	M	TEMPORARY 150 mm WHITE LINE	646.614	9
					5370	5370	M	TEMPORARY 150 mm YELLOW LINE	646.615	8
					220	220	M	TEMPORARY 300 mm YELLOW LINE	646.65	8
					20	20	M	TEMPORARY 600 mm STOP BAR	646.66	1
					84	84	EA	TEMPORARY LETTER OR SYMBOL	646.70	-
					60	60	M	TEMPORARY CROSSWALK MARKINGS W/DIAGONAL LINES	646.71	4
					94	94	EA	LINE STRIPING TARGETS	646.76	-
					73	73	M	PAINTED CURB	646.81	2
					105	105	m²	PAINTED ISLAND	646.82	4
					10	10	m²	GEOTEXTILE UNDER STONE FILL	649.31	EST.
					20	20	KG	SEED	651.15	EST.
					120	120	KG	FERTILIZER	651.18	EST.
					1	1	T	AGRICULTURAL LIMESTONE	651.20	EST.
					1	1	T	HAY MULCH	651.25	EST.
					20	20	m³	TOPSOIL	651.35	EST.
					10	10	m²	EROSION MATTING	654.10	EST.
					5	5	m²	TRAFFIC SIGNS, TYPE A	675.20	0.77
								BEGIN OPTION ITEM		
					14	14	M	FLANGED CHANNEL SIGN POSTS	675.301	0.2
					14	14	M	SQUARE TUBE SIGN POSTS	675.341	0.2
								END OPTION ITEM		
					4	4	EA	REMOVING SIGNS	675.50	-
					1	1	EA	FLASHING BEACON-GROUND MOUNTED (MOD.)	678.16	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME :
ST. ALBANS CITY
- ST. ALBANS

PROJECT NO. :
STP 2204(I)S

DESIGN FILE NAME: /pave/99b160/pb160.dgn
IPARM FILE NAME: pb160q2.i
SURVEYED BY: D-H
SQUAD LEADER: JLL

PLOT DATE: 01-FEB-2006 0
SURVEY DATE: 04/17/00
DRAWN BY: D-H
SHEET: 94 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET

Metric

STATION BEGIN	STATION END	POS.	203.15 COMMON EXCAV. m^3	203.16 SOLID ROCK EXCAV. m^3	203.30 EARTH BORROW m^3	203.99 SHOULDER BERM REMOVAL M	301.28 SUBBASE OF CR. GRAVEL T	402.12 AGGREGATE SHOULDERS T	402.12 AGGREGATE SHOULDERS (MOD.) T	604.40 CHAN ELEV EA	604.412 REHAB DI CLASS I EA	616.21 VERTICAL GRANITE CURB M	616.40 REMOVING AND RESETTING CURB M	618.10 P.C. CONCRETE SIDEWALK 125 mm m^2	621.20 STEEL BEAM G.R. M	621.505 MAN. TERMINAL SECTION (TANGENT) EA	621.505 MAN. TERMINAL SECTION (FLARED) EA	621.75 REMOVING AND RESET G.R. M	621.76 REPLACE G.R. POST ASSEMBLY EA	621.77 REPLACE G.R. BEAM UNIT EA	621.80 REMOVAL AND DISPOSAL OF G.R. M	621.81 REMOVAL AND DISPOSAL OF GUIDE POSTS EA	629.20 ADJUST ELEVATION OF VALVE BOXES EA	REMARKS
ST. ALBANS CITY - TOWN																								
0+008.05	1+039.64	LT./RT.			1		14		342		7	1											1	QUANTITIES LISTED ARE FOR USE A DIRECTED BY THE RESIDENT ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEET 105.
ST. ALBANS CITY																								
0+010.9		RT.	0.8	0.7			1.6						7	5.7										CONSTRUCT SIDEWALK RAMP, TYPE 6
0+012.2		LT.	1.2	1.0			2.2						5	7.8										CONSTRUCT SIDEWALK RAMP, TYPE 6
SUBTOTALS			2	1.7	1		17.8		342		7	1	12	13.5									1	
ROUNDING			1	0.3	-		1.2		8		-	-	1	0.5									-	
TOTALS			3	2	1		19		350		7	1	13	14									1	

PROJECT NAME: ST. ALBANS CITY - ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99b160/pb160.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pb1601d.I

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 95 OF 105

VAOT Metric

TEMPORARY AND DURABLE 150 mm WHITE LINE
ST. ALBANS CITY STA. 0+008.1 TO
ST. ALBANS TOWN STA. 0+060.0, SOLID LT. & RT.
ST. ALBANS CITY STA. 0+015.2 TO
ST. ALBANS TOWN STA. 0+000.5, SOLID LT.

BEGIN STP 2204(1)S
ST. ALBANS STATE HIGHWAY
ST. ALBANS CITY
STA. 0+008.05 = MM 0.005

TEMPORARY LETTER OR SYMBOL
ST. ALBANS CITY STA. 0+017.6, LT. - "STOP" (2)
~~ST. ALBANS CITY STA. 0+021.2, LT. -~~ & ~~ST. ALBANS CITY STA. 0+056.0, LT. -~~ &
ST. ALBANS CITY STA. 0+~~090.7~~, LT. - & 040.0

TEMPORARY AND DURABLE 150 mm YELLOW LINE
ST. ALBANS CITY STA. 0+013.5 TO
ST. ALBANS TOWN STA. 0+060.0, SOLID LT. & RT.

DURABLE LETTER OR SYMBOL (TYPE I TAPE)
ST. ALBANS CITY STA. 0+017.6, LT. - "STOP" (2)
ST. ALBANS CITY STA. 0+021.2, LT. - &
ST. ALBANS CITY STA. 0+024.8, LT. - "ONLY" (2)
ST. ALBANS CITY STA. 0+~~056.0~~, LT. - & 072
ST. ALBANS CITY STA. 0+~~059.6~~, LT. - "ONLY" (2) 076
ST. ALBANS CITY STA. 0+~~090.7~~, LT. - & 109
ST. ALBANS CITY STA. 0+~~094.3~~, LT. - "ONLY" (2) 000

DURABLE 600 mm STOP BAR (TYPE I TAPE)
ST. ALBANS CITY STA. 0+014.9, LT.

TEMPORARY 600 mm STOP BAR
ST. ALBANS CITY STA. 0+014.9, LT.

~~TEMPORARY AND~~ DURABLE CROSSWALK MARKING W/DIAGONAL LINES
ST. ALBANS CITY STA. 0+010.2, RT. TO 0+012.2, LT.

REHABILITATION OF DI'S, CB'S OR MH'S - CLASS I
ST. ALBANS CITY STA. 0+010.2, RT.
ST. ALBANS CITY STA. 0+012.2, LT.
ST. ALBANS CITY STA. 0+039.5, LT.

FLASHING BEACON-GROUND MOUNTED (MOD.)
ST. ALBANS CITY STA. 0+019.0, LT

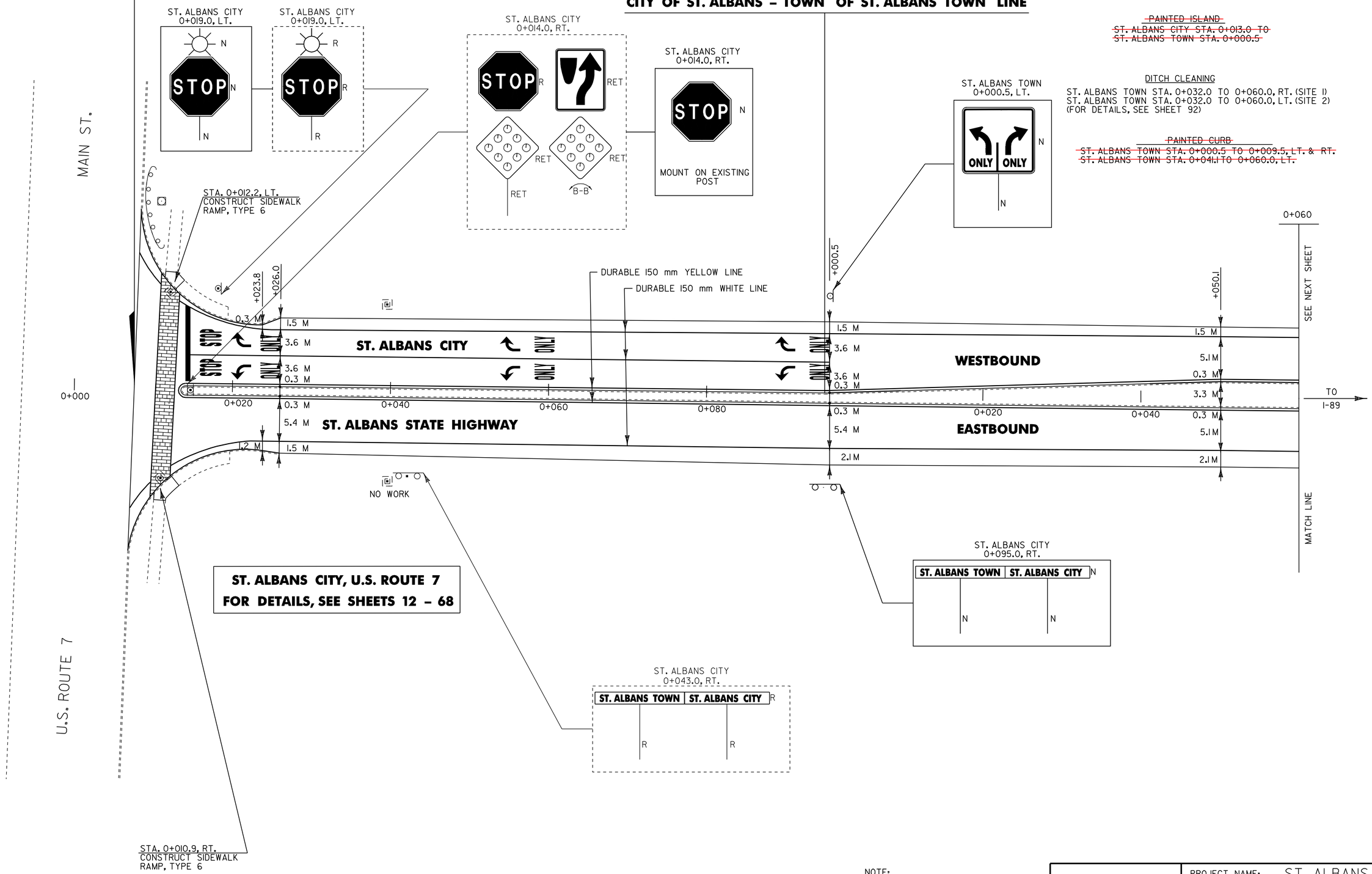
~~PAINTED ISLAND~~
~~ST. ALBANS CITY STA. 0+013.0 TO~~
~~ST. ALBANS TOWN STA. 0+000.5~~

DITCH CLEANING
ST. ALBANS TOWN STA. 0+032.0 TO 0+060.0, RT. (SITE 1)
ST. ALBANS TOWN STA. 0+032.0 TO 0+060.0, LT. (SITE 2)
(FOR DETAILS, SEE SHEET 92)

~~PAINTED CURB~~
~~ST. ALBANS TOWN STA. 0+000.5 TO 0+009.5, LT. & RT.~~
~~ST. ALBANS TOWN STA. 0+041.1 TO 0+060.0, LT.~~

REMOVING SIGNS
AS SHOWN - 3

ST. ALBANS CITY STA. 0+094.95 = MM 0.059
ST. ALBANS TOWN STA. 0+000.00 = MM 0.000
CITY OF ST. ALBANS – TOWN OF ST. ALBANS TOWN LINE



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

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

PROJECT LAYOUT #1

Dufresne-Henry

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(1)S

FILE NAME: /pave/99bl60/pbl60.dgn PLOT DATE: 01-FEB-2006 07:5
PROJECT LEADER: JLL DRAWN BY: D-H
DESIGNED BY: D-H CHECKED BY:
IPARM FILE NAME: pbl60ll.i SHEET 96 OF 105

TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+060.0 TO 0+220.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+060.0 TO 0+095.3, SOLID LT. & RT.
STA. 0+095.3 TO 0+200.0, DOUBLE SOLID LT. & RT.
STA. 0+200.0 TO 0+220.0, SOLID LT. & RT.

~~TEMPORARY AND~~ DURABLE 300 mm YELLOW LINE
STA. 0+069.8 TO 0+174.7 (DIAGONALS)

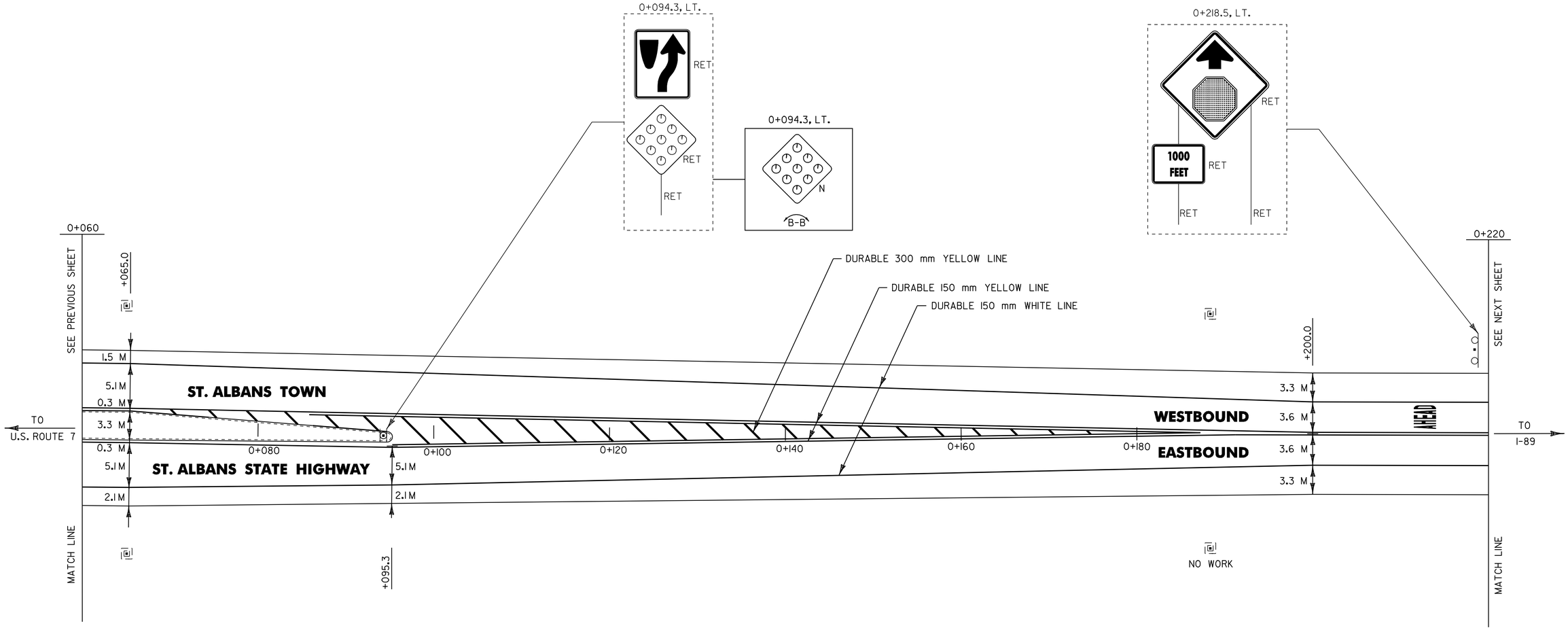
DURABLE LETTER OR SYMBOL (TYPE I TAPE)
STA. 0+~~212.5~~, LT. - "AHEAD" I95
STA. 0+207.0, LT. - "STOP"

~~TEMPORARY LETTER OR SYMBOL~~
~~STA. 0+212.5, LT. - "AHEAD"~~

REHABILITATION OF DI'S, CB'S OR MH'S
STA. 0+064.7, LT. &RT
~~STA. 0+188.5, LT.~~

~~PAINTED CURB~~
~~STA. 0+060.0 TO 0+074.0, LT.~~
~~STA. 0+086.3 TO 0+095.3, LT. & RT.~~

DITCH CLEANING
STA. 0+060.0 TO 0+161.0, RT. (SITE 1)
STA. 0+060.0 TO 0+161.0, LT. (SITE 2)
(FOR DETAILS, SEE SHEET 92)



NOTE:
1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT LAYOUT #2

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(1)S
FILE NAME: /pave/99b160/pb160.dgn PLOT DATE: 01-FEB-2006 07:5
PROJECT LEADER: JLL DRAWN BY: D-H
DESIGNED BY: D-H CHECKED BY:
IPARM FILE NAME: pb16012.i SHEET 97 OF 105

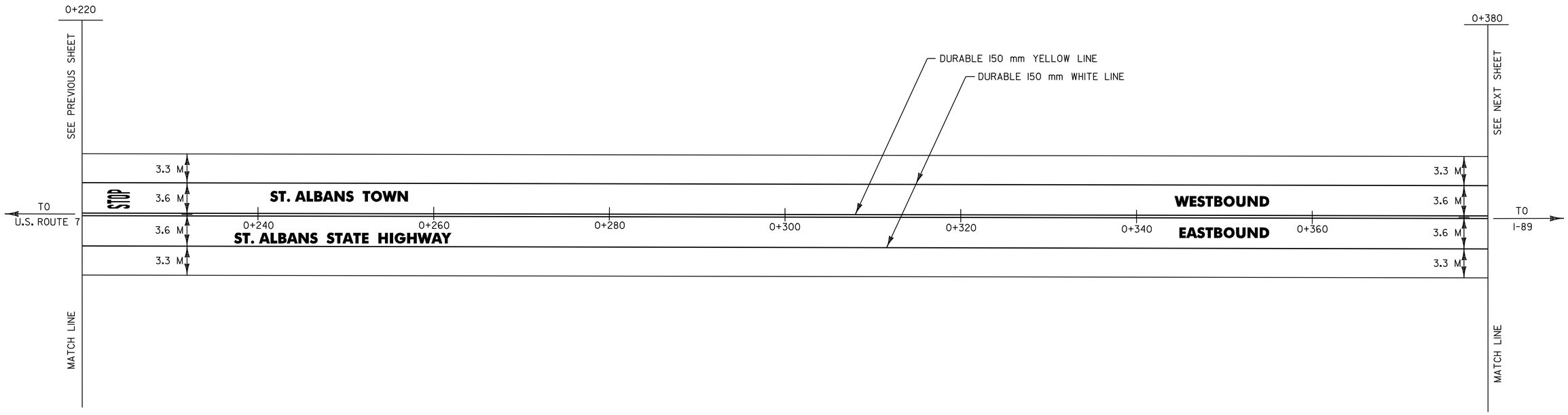
TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+220.0 TO 0+380.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+220.0 TO 0+380.0, SOLID LT. & RT.

~~DURABLE LETTERS OR SYMBOLS (TYPE I TAPE)~~
~~STA. 0+224.5, LT - "STOP"~~

~~TEMPORARY LETTERS OR SYMBOLS~~
~~STA. 0+224.5, LT - "STOP"~~

VAOT Metric



Dufresne-Henry

NOTE:
1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED
2) ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT LAYOUT #3

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99b160/pb160.dgn PLOT DATE: 01-FEB-2006 07:5
PROJECT LEADER: JLL DRAWN BY: D-H
DESIGNED BY: D-H CHECKED BY:
IPARM FILE NAME: pb16013.I SHEET 98 OF 105

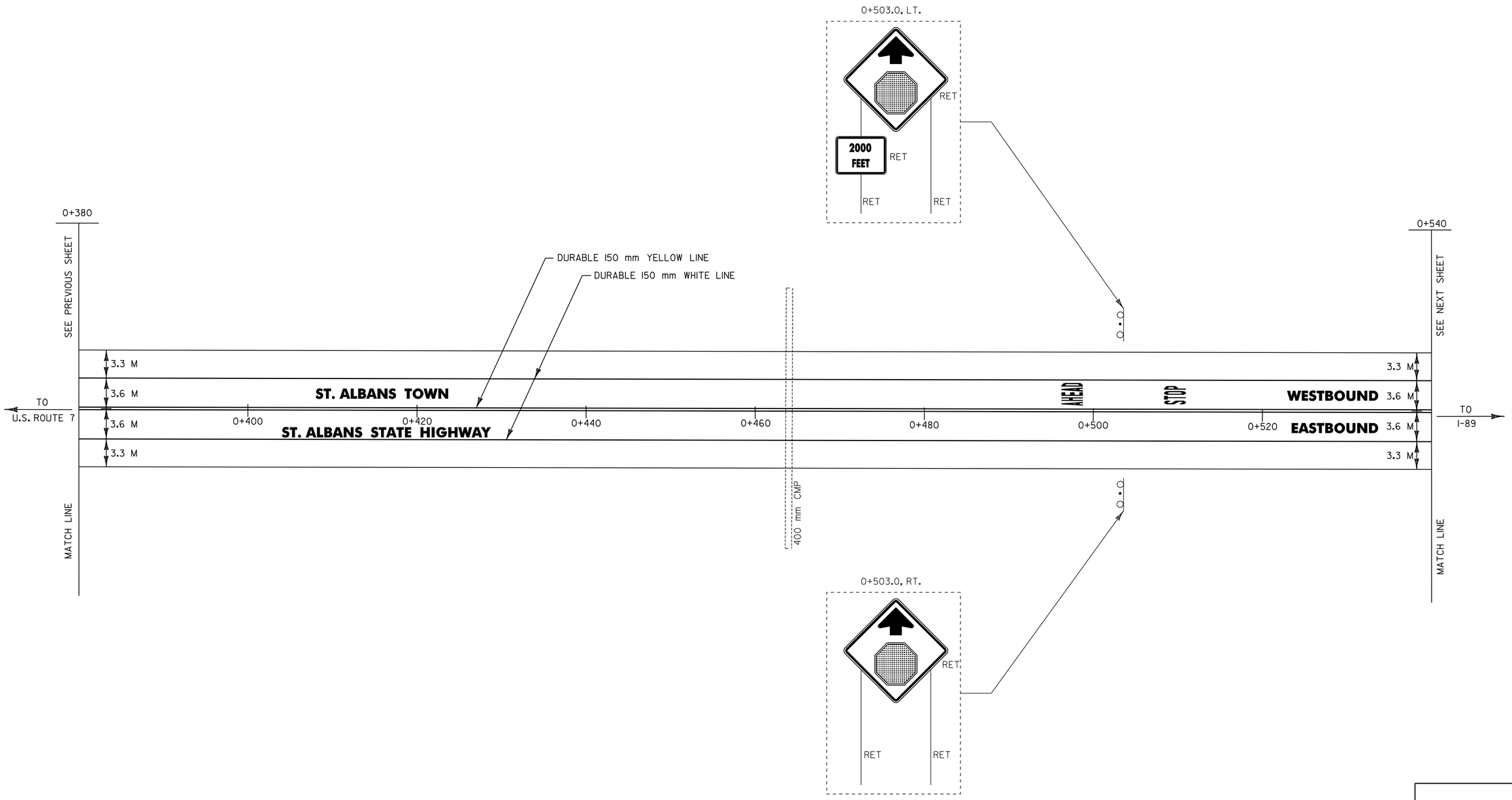
TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+380.0 TO 0+540.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+380.0 TO 0+540.0, SOLID LT. & RT.

DURABLE LETTERS AND SYMBOLS (TYPE ITAPE)
STA. 0+~~497.0~~, LT. - "AHEAD" 479
STA. 0+~~509.0~~, LT. - "STOP" 492

DITCH CLEANING
STA. 0+402.0 TO 0+540.0, LT. (SITE 3)
(FOR DETAILS, SEE SHEET 92)

~~TEMPORARY LETTERS AND SYMBOLS~~
~~STA. 0+497.0, LT. - "AHEAD"~~
~~STA. 0+509.0, LT. - "STOP"~~



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

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

PROJECT LAYOUT #4

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl6014.I

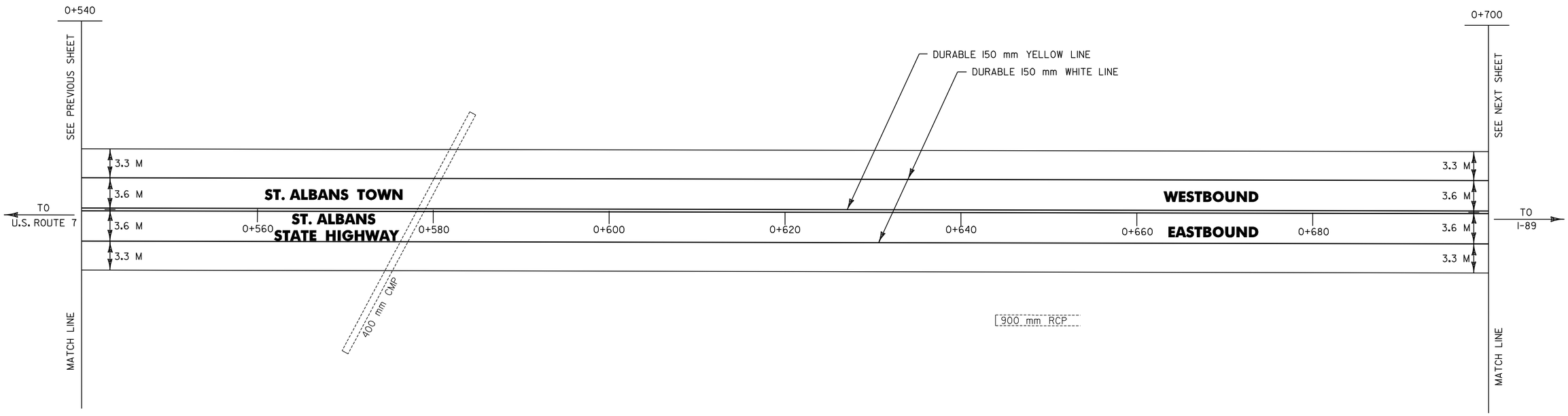
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 99 OF 105

TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+540.0 TO 0+700.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+540.0 TO 0+700.0, SOLID LT. & RT.

DITCH CLEANING
STA. 0+540.0 TO 0+547.0, LT. (SITE 3)
STA. 0+644.0 TO 0+700.0, RT. (SITE 4)
(FOR DETAILS, SEE SHEET 92)

VAOT Metric



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

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

Dufresne-Henry

PROJECT LAYOUT #5

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99b160/pb160.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pb16015.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 100 OF 105

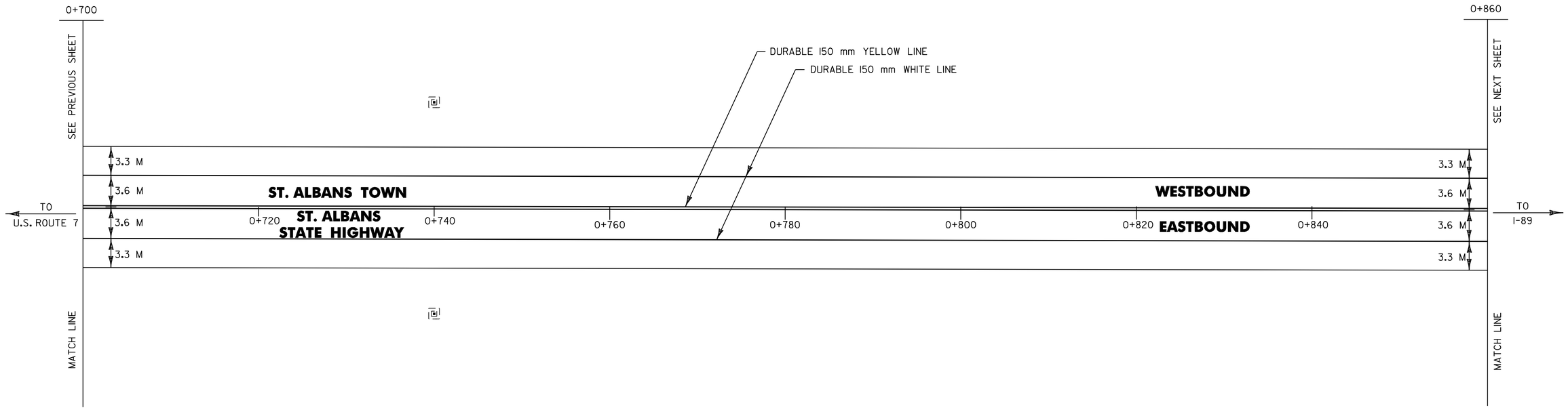
TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+700.0 TO 0+860.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+700.0 TO 0+860.0, SOLID LT. & RT.

REHABILITATION OF DI'S, CB'S OR MH'S
STA. 0+740.0, LT. & RT.

DITCH CLEANING
STA. 0+700.0 TO 0+740.0, RT. (SITE 4)
STA. 0+837.0 TO 0+860.0, LT. (SITE 5)
(FOR DETAILS, SEE SHEET 92)

VAOT Metric



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

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

Dufresne-Henry

PROJECT LAYOUT #6

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl6016.I

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 101 OF 105

TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 0+860.0 TO 1+020.0, SOLID LT. & RT.

TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 0+860.0 TO 0+937.6, SOLID LT. & RT.
STA. 0+937.6 TO 1+020.0, DOUBLE SOLID LT. & RT.

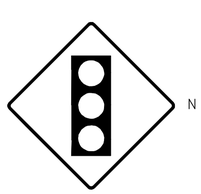
~~TEMPORARY AND~~ DURABLE 300 mm YELLOW LINE
STA. 0+953.7 TO 1+020.0 (DIAGONALS)

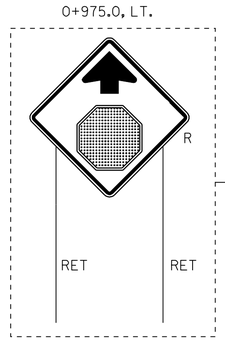
DURABLE LETTERS OR SYMBOLS (TYPE I TAPE)
STA. 0+~~969.0~~, RT - "SIGNAL" 957
STA. 0+~~981.0~~, RT - 'AHEAD' 963

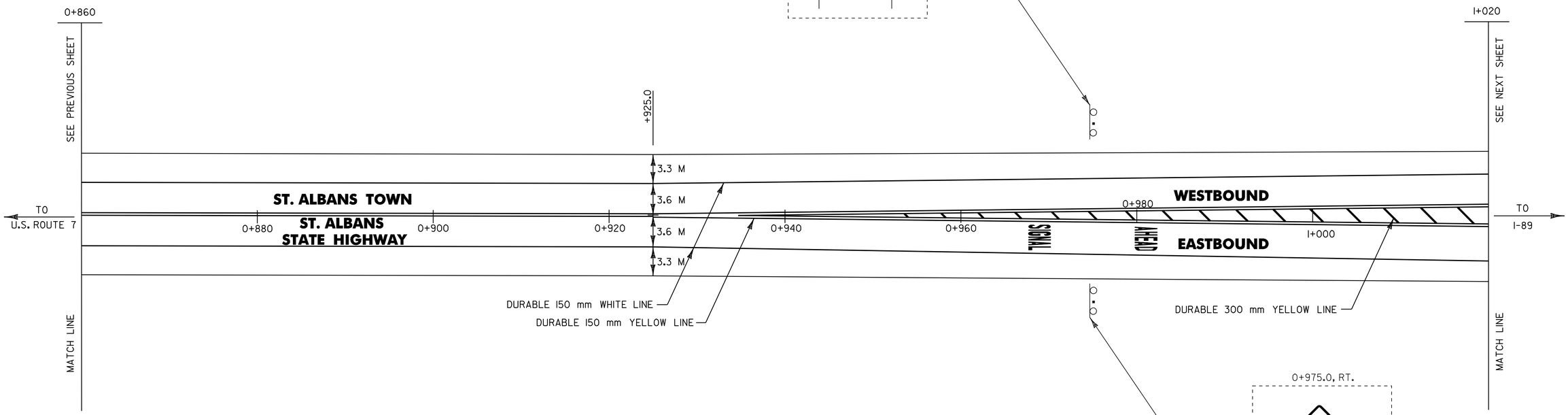
~~TEMPORARY LETTERS OR SYMBOLS~~
~~STA. 0+969.0, RT - "SIGNAL"~~
~~STA. 0+981.0, RT - 'AHEAD'~~

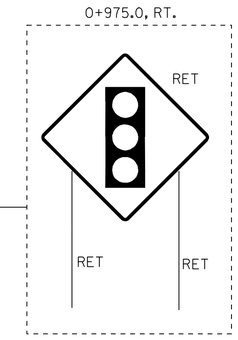
DITCH CLEANING
STA. 0+860.0 TO 1+020.0, LT. (SITE 5)
(FOR DETAILS, SEE SHEET 92)

REMOVING SIGNS
AS SHOWN - 1









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

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

PROJECT LAYOUT #7

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl60l7.i
PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 102 OF 105

TEMPORARY AND DURABLE 150 mm WHITE LINE
STA. 1+020.0 TO 1+039.64, SOLID LT. & RT.

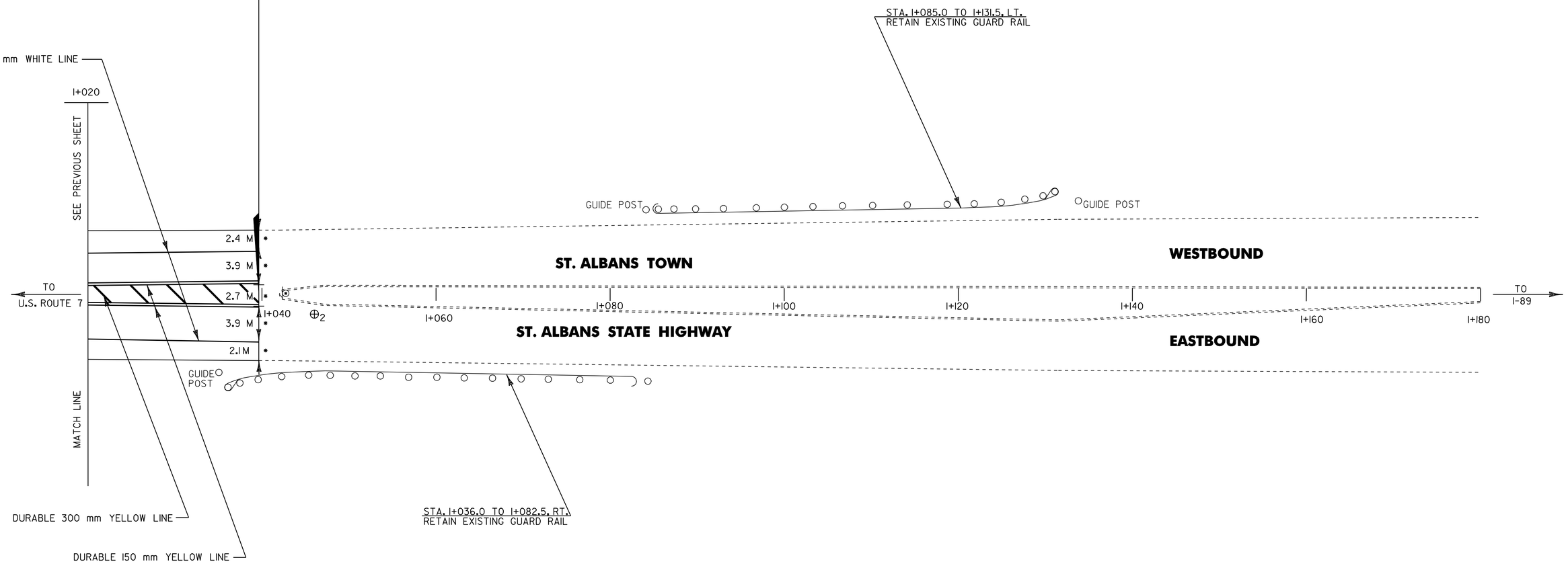
TEMPORARY AND DURABLE 150 mm YELLOW LINE
STA. 1+020.0 TO 1+039.64, DOUBLE SOLID LT. & RT.

~~TEMPORARY AND~~ DURABLE 300 mm YELLOW LINE
STA. 1+020.0 TO 1+039.64 (DIAGONALS)

DITCH CLEANING
STA. 1+020.0 TO 1+039.64, LT. (SITE 5)
(FOR DETAILS, SEE SHEET 92)

Metric

END STP 2204(1)S
ST. ALBANS STATE HIGHWAY
ST. ALBANS TOWN
STA. 1+039.64 = MM 0.646



⊕ CORE LOCATION

PAVEMENT CORE DATA

CORE #	LOCATION	DEPTH (mm)	PCC
2	1+046.1, RT.	83	NO

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

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

* MATCH EXISTING CONDITIONS

Dufresne-Henry

PROJECT LAYOUT #8

PROJECT NAME: ST. ALBANS CITY-ST. ALBANS
PROJECT NUMBER: STP 2204(1)S

FILE NAME: /pave/99b160/pb160.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pb16018.1

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 103 OF 105

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS							* ANCHOR = 1 METER																	
ST. ALBANS CITY 0+014.0, RT.	STOP	1	900	900	0.81						-																						MOUNT NEW STOP SIGN ON EXISTING ASSEMBLY, REPLACING THE EXISTING STOP SIGN		E-143M
0+019.0, LT.	STOP	1	900	900	0.81						-																						MOUNT NEW STOP SIGN BELOW NEW FLASHING BEACON ON THE EXISTING POST, USING THE EXISTING POWER SOURCE AND WIRING		E-143M
0+095.0, RT.	ST. ALBANS TOWN | ST. ALBANS CITY	1	1500	190	0.29						2			3.1 X 3.1			1.0 X 1.0																MOUNT NEW SIGN ON TWO NEW POSTS	-	E-124M
ST. ALBANS TOWN 0+000.5, LT.	ONLY ONLY	1	900	750	0.68						1			3.2 X			1.0 X																		E-145AM
0+094.3, LT.		1	450	450	0.20				1																								MOUNT NEW SIGN BACK TO BACK WITH EXISTING HAZARD SIGN ON EXISTING POST.		E-150M
0+975.0, LT.		1	1200	1200	1.44				~~1~~ +		1			4.0			1.0																MOUNT NEW SIGN ON EXISTING POSTS		E-152M
	SUBTOTALS				4.23									~~13.8~~			13.4 ~~13.8~~	4.0																	
	ROUNDING				~~0.77~~									~~0.2~~			~~0.2~~																		
												m	m	m ~~+4.0~~	m	m ~~+4.0~~	m		EA	kg	kg	kg		kg	kg	kg	kg							
	TOTALS				m² ~~4.23~~ 5.0	m²	EA.	m²				m ~~+4.0~~			m ~~+4.0~~ 17.4					kg			EA.	kg				EA.	EA.	kg				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: ST. ALBANS CITY - ST. ALBANS
PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl60ts.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 104 OF 105

VAOT Metric

UTILITY LOCATIONS*

(FOR INFORMATIONAL PURPOSES ONLY)

STATION	POSITION	DESCRIPTION
ST. ALBANS CITY		
0+010.2	RT	DI
0+012.2	LT	DI
0+039.5	LT & RT	DI
	ST. ALBANS	
0+066.7	LT & RT	DI
0+188.0	LT & RT	DI
0+740.0	LT & RT	DI

*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.

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

(ITEM 604.412)

STATION	POSITION	DESCRIPTION	
ST. ALBANS CITY			
0+010.2	RT	DI	
~~0+012.2~~	~~LT~~	~~DI~~	
0+039.5	LT	DI	
ST. ALBANS			
0+064.7	LT&RT	DI	2
~~0+188.5~~	~~LT~~	~~DI~~	
0+740.0	LT & RT	DI	2
0+212.2	LT	DI	

Dufresne-Henry

UTILITY AND STRUCTURE LOCATIONS

PROJECT NAME: ST. ALBANS CITY - ST. ALBANS

PROJECT NUMBER: STP 2204(I)S

FILE NAME: /pave/99bl60/pbl60.dgn
PROJECT LEADER: JLL
DESIGNED BY: D-H
IPARM FILE NAME: pbl60usl.i

PLOT DATE: 01-FEB-2006 07:5
DRAWN BY: D-H
CHECKED BY:
SHEET 105 OF 105