

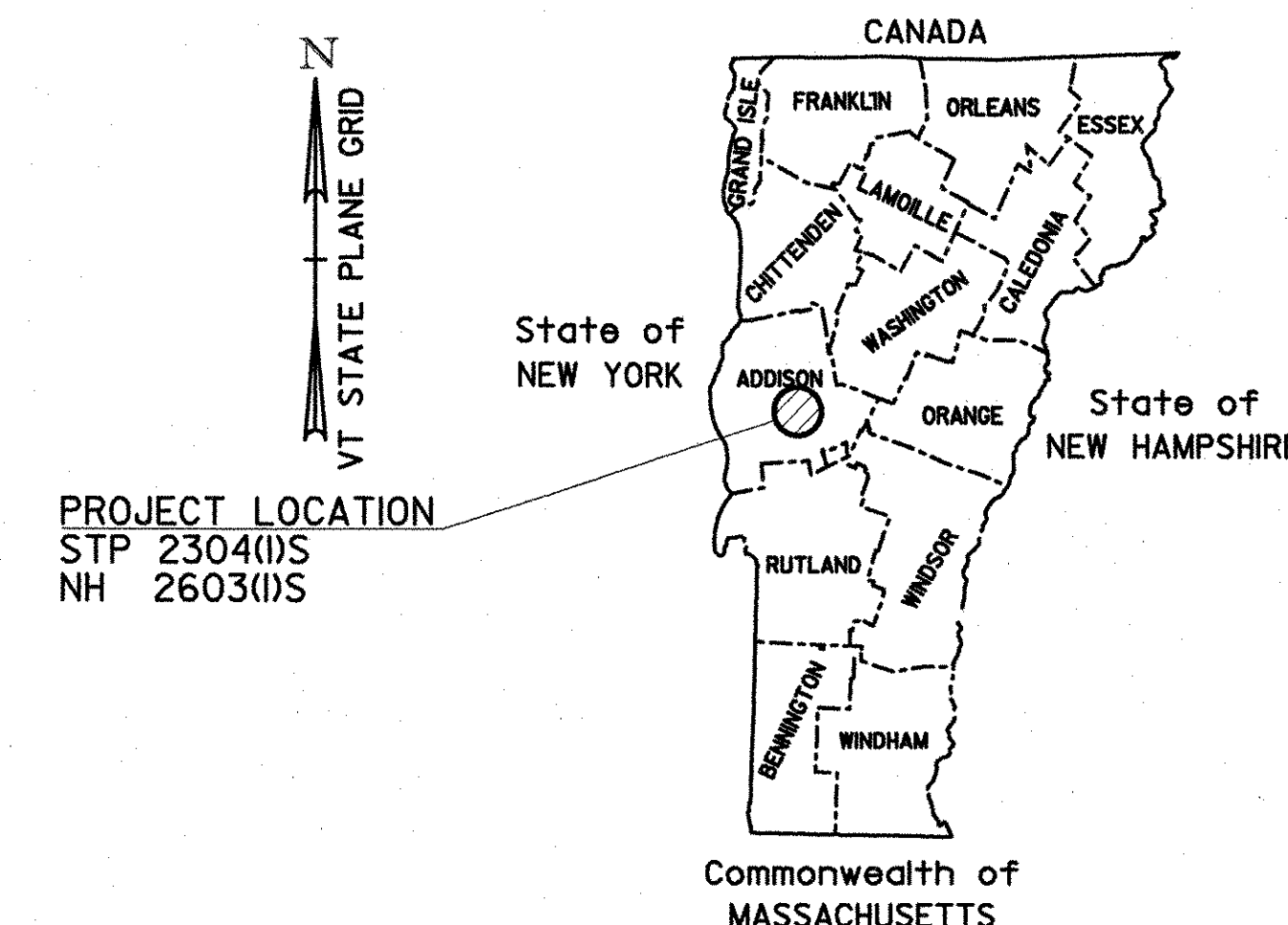
STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT CLASS I TOWN HIGHWAY TOWN OF MIDDLEBURY COUNTY OF ADDISON

VT ROUTES 30 & 125 AND US ROUTE 7

RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	DAVID HOSKING
CONSTRUCTION BEGAN:	MAY 29, 2007
CONSTRUCTION COMPLETE:	OCTOBER 19, 2007
RECORD PLANS BY:	DAVID HOSKING & JUDY GILMORE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY <i>David Hosking</i>	RESIDENT ENGINEER
DATE <u>June 2, 2008</u>	
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.	



BEGINNING IN MIDDLEBURY ON VT ROUTE 30 AT STATION 0+885.14 (MM 0.550) AND EXTENDING NORTHERLY ALONG VT ROUTE 30 A DISTANCE OF 2011.68 METERS (1.25 MILES) TO THE END OF VT ROUTE 30 AT US 7, STATION 2+896.82 (MM 1.800). ALSO BEGINNING IN MIDDLEBURY ON VT ROUTE 125 AT STATION 0+537.52 (MM 0.334) AND EXTENDING EASTERLY ALONG VT ROUTE 125 A DISTANCE OF 1099.18 METERS (0.683 MILES) TO THE INTERSECTION OF VT ROUTE 30, STATION 1+636.70 (MM 1.017)

BEGINNING IN MIDDLEBURY ON US ROUTE 7 AT STATION 6+851.0 (MM 4.257) AND EXTENDING NORTHERLY ALONG US ROUTE 7 A DISTANCE OF 2285.25 METERS (1.420 MILES) TO STATION 9+136.25 (MM 5.677). ALL WORK, EXCEPT SIGNING, BETWEEN STATIONS 7+071 TO 7+971 WILL BE PERFORMED UNDER CONTRACT NHG 019-3(52)S.

PROJECT DATA

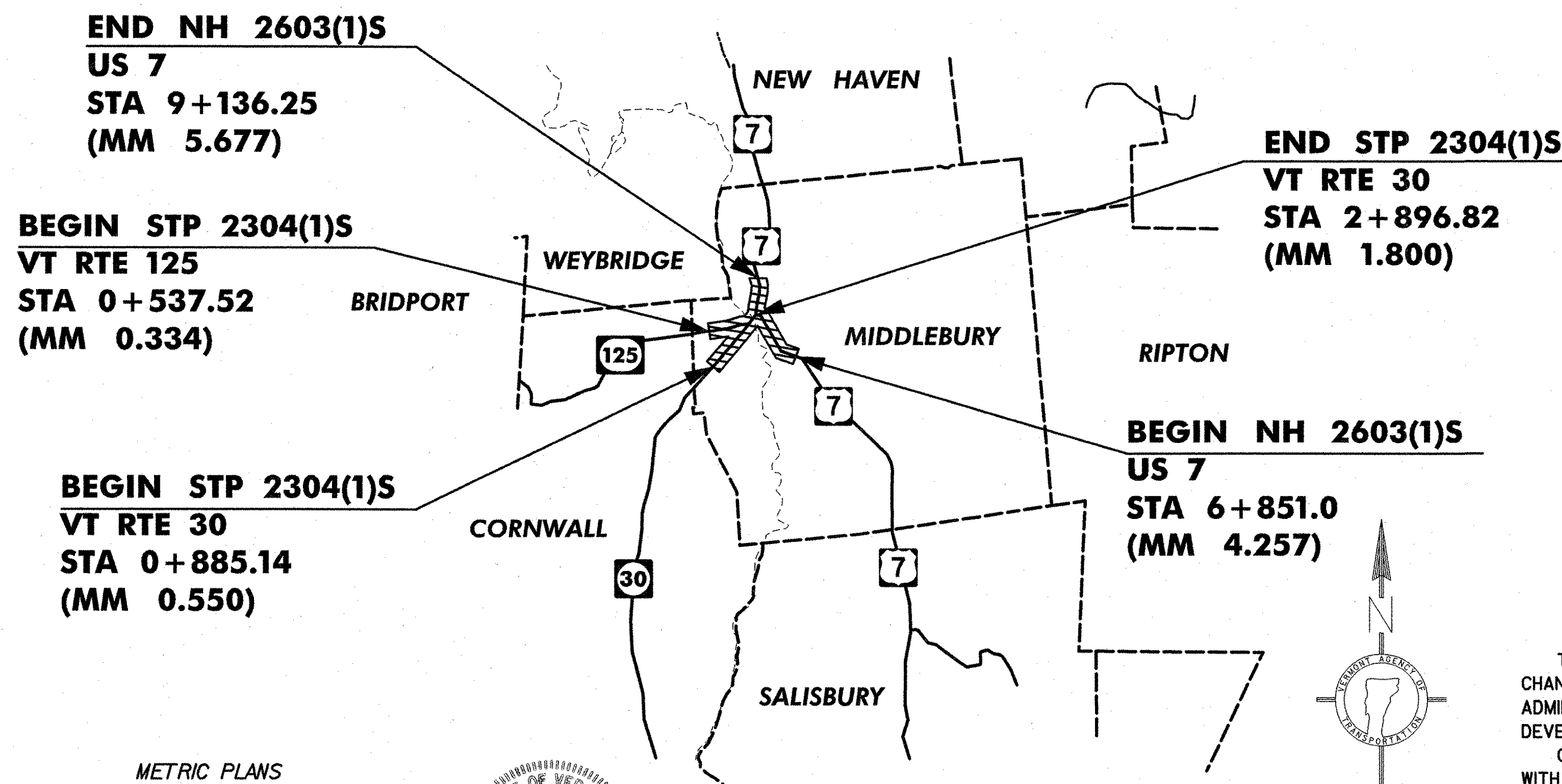
FROM STA 0+885.14 (MM 0.550) TO STA 2+896.82 (MM 1.800)
 FROM STA 0+537.52 (MM 0.334) TO STA 1+636.70 (MM 1.017)
 LENGTH OF ROADWAY = 3110.86 METERS (1.933 MILES)
 LENGTH OF PROJECT = 3110.86 METERS (1.933 MILES)

PROJECT DATA

FROM STA 6+851.0 (MM 4.257) TO STA 9+136.25 (MM 5.677)
 LENGTH OF ROADWAY = 1385.25 METERS (0.861 MILES)
 LENGTH OF PROJECT = 2285.25 METERS (1.420 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

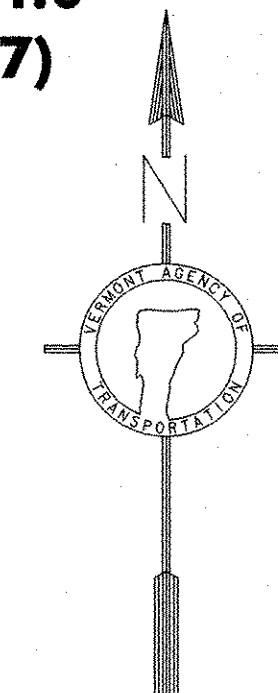
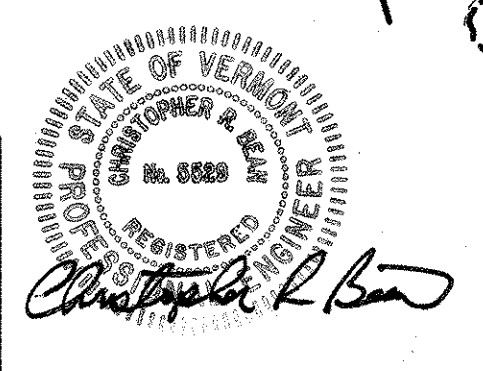


BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA		
	STP 2304 (1)S	NH 2603 (1)S
DESIGN LANE/DESIGN LIFE ESAL	2,543,000	4,197,500
DESIGN NUMBER OF GYRATIONS	75	75
PERFORMANCE GRADED ASPHALT BINDER	64-28	64-28

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	

METRIC PLANS
PREPARED BY:

540 Commercial Street
Manchester, NH 03102
Tel: (603) 668-8823
Fax: (603) 668-8802
email: oldboldengr@metric.com
Maine • New Hampshire • Vermont



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

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

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

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



DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED <i>Richard Johnson</i>	DATE <u>2/20/07</u>
PROJECT MANAGER: MARK WOOLOVER	
PROJECT NAME : MIDDLEBURY	
PROJECT NUMBER : AC STP 2304 (1) S	
AC NH 2603 (1) S	
SHEET 1 OF 103 SHEETS	

STANDARDS
UPDATED JANUARY 16, 2007

B-71	STANDARDS FOR RESIDENTIAL AND COMMERCIAL DRIVES	07/08/05
C-1	GRANITE SLOPE EDGING, VERTICAL GRANITE CURB, CAST IN PLACE, CONCRETE CURB	01/03/00
C-3AM	SIDEWALK RAMPS	09/01/04
C-3BM	SIDEWALK RAMPS	09/01/04
D-9	REINFORCED CONCRETE DROP INLET WITH VERTICAL CURB	06/01/94
D-10	TOP FOR A DROP INLET WITH BITUMINOUS CONCRETE CURB	06/01/94
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/CAST IRON GRATE, CAST IRON GRATE WITH FRAME, TYPE E	06/01/94
E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03/01/04
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95
E-111	MINOR MAINTENANCE OPERATION	03/11/97
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08/08/95
E-123	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	03/16/04
E-132	GENERAL MOTORIST SERVICE SIGN DETAILS	08/18/95
E-136A	U.S. ROUTE MARKER SIGN DETAILS	08/08/95
E-136B	STATE ROUTE MARKER SIGN DETAILS	08/08/95
E-136C	STATE NUMBERED TOWN HIGHWAY SIGN DETAILS	08/08/95
E-138	MILEMARKER DETAILS STATE & TOWN HIGHWAYS	05/30/03
E-140	REGULATORY SIGN DETAILS	08/30/96
E-142	REGULATORY SIGN DETAILS	09/20/95
E-143	REGULATORY SIGN DETAILS	06/15/04
E-144	REGULATORY SIGN DETAILS	03/29/99
E-145A	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS TWO AND FOUR LANE APPROACHES	12/23/94
E-146	REGULATORY SIGN DETAILS	09/20/95
E-150	WARNING SIGN DETAIL	05/01/04
E-151	WARNING SIGN DETAIL	05/01/04
E-152	WARNING SIGN DETAIL	05/01/04
E-153	WARNING SIGN DETAIL	05/01/04
E-154	WARNING SIGN DETAIL	05/01/04
E-163	TUBULAR STEEL SIGN POST	05/20/99
E-164	SQUARE STEEL SIGN POST	05/20/99
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DETAILS	08/18/95
J-2	STANDARD CONCRETE STEPS METAL HAND RAILING	06/01/94

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7	COMPOSITE SIDEWALK RAMP DETAIL SHEET

VT ROUTES 30 & 125 STP 2304(I)S

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9	INDEX OF SHEETS
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US ROUTE 7 NH 2603(I)S

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COMPOSITE INDEX OF SHEETS

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S / NH 2603(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048cis.i
PLOT DATE:	06-OCT-2008 13:0
DRAWN BY:	MRS
CHECKED BY:	NULL
SHEET	2 OF 103

COMPOSITE QUANTITY SHEET 1



SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
STP 2304(1)S																			
NH 2603(1)S																			
ROADWAY	ROADWAY (NO FED/ STATE PARTL)	BRIDGE	FULL C.E. ITEMS	ROADWAY	ROADWAY (NO FED/ STATE PARTL)	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS				
				10			10		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	2			STP 2304(1)S				
															COLD PLANING, BITUMINOUS PAVEMENT				
370	85			120	190		765		CM	COMMON EXCAVATION	203.15	10.9	21569	SM	VT RTE 30				
													12445	SM	VT RTE 125				
2				2			4		CM	SOLID ROCK EXCAVATION	203.16	1	263	SM	TOWN HIGHWAYS				
													34278	SM	SUBTOTAL				
				30			30		CM	SAND BORROW	203.31	2.7	342	SM	ROUNDING				
					375		375		CM	TRENCH EXCAVATION OF EARTH	204.20	5.3	34620	SM	TOTAL				
															NH 2603(1)S				
0.5				0.5			1		CM	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			COLD PLANING, BITUMINOUS PAVEMENT				
					30		30		CM	GRANULAR BACKFILL FOR STRUCTURES	204.30	0.2	16100	SM	US ROUTE 7				
													915	SM	TOWN HIGHWAYS				
34620				17200			51820		SM	COLD PLANING, BITUMINOUS PAVEMENT	210.10	527	17015	SM	SUBTOTAL				
565	105			270	320		1260		T	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	20.6	185	SM	ROUNDING				
													17200	SM	TOTAL				
115				145			260		T	AGGREGATE SHOULDERS, RAP	402.13	6							
7545				3910			11455		KG	EMULSIFIED ASPHALT	404.65	122			STP 2304(1)S, NH 2603(1)S				
0.5				0.5			1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			AGGREGATE SHOULDERS, RAP				
5100				2200			7300		T	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	490.30	105	101	T	VT RTE 30				
0.5				0.5			1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	12	T	VT RTE 125				
					75		75		KG	REINFORCING STEEL	507.15	-	141	T	U.S. ROUTE 7				
		17					17		M	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	1	254	T	SUBTOTAL				
1.5				1.1	0.9		3.5		CM	CONCRETE, CLASS B	541.25	0.3	6	T	ROUNDING				
		3					3		CM	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	-	260	T	TOTAL				
										BEGIN OPTION AA									
					130		130		M	450 CSP 1.63 (68 X 12)	601.0015	3.9			STP 2304(1)S				
					130		130		M	450 PCCSP 1.63 (68 X 12)	601.0415	3.9			SUPERPAVE BITUMINOUS				
					130		130		M	450 RCP CLASS III	601.0815	3.9			CONCRETE PAVEMENT (PG 64-28)				
					130		130		M	450 CPEP(SL)	601.2615	3.9	1812	T	VT RTE 30, TYPE IVS, WEARING COURSE				
										END OPTION AA			1046	T	VT RTE 125, TYPE IVS, WEARING COURSE				
					3		3		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.20	-	65	T	VT RTE 30, TYPE IIS, BASE COURSE				
72				23			95		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-	1042	T	VT RTE 125, TYPE IIS, BASE COURSE				
1				1			2		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-	776	T	VT RTE 30, TYPE IVS, LEVELING COURSE				
24				8			32		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-	240	T	VT RTE 125, TYPE IVS, LEVELING COURSE				
20				20			40		HR	POWER GRADER RENTAL	608.15	5	21	T	TOWN HIGHWAYS				
10							10		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	-	42	T	DRIVES				
50				23			73		HR	POWER BROOM RENTAL, TYPE II	608.31	4	5044	T	SUBTOTAL				
	10						10		HR	TRUCK RENTAL	608.37	-	56	T	ROUNDING				
	10						10		HR	LOADER RENTAL, TYPE I	608.40	-	5100	T	TOTAL				
5200				2480			7680		CM	DUST CONTROL WITH WATER	609.10	84			NH 2603(1)S				
					20		20		M	GRANITE SLOPE EDGING	616.20	1.5			SUPERPAVE BITUMINOUS				
				5	290		295		M	VERTICAL GRANITE CURB	616.21	5.7			CONCRETE PAVEMENT (PG 64-28)				
460	230			180	225		1095		M	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	20.6	1354	T	US ROUTE 7, TYPE IVS, WEARING COURSE				
3							3		M	REMOVING AND RESETTING CURB	616.40	-	580	T	US ROUTE 7, TYPE IVS, LEVELING COURSE				
				20			20		T	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1	77	T	SIDE ROADS				
580	30			225	32		867		SM	PORTLAND CEMENT CONCRETE SIDEWALK, 125 MM	618.10	11.5	141	T	DRIVES				

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(1)S/ NH 2603(1)S
FILE NAME:	/pave/01d048/pd048.dgn
PLOT DATE:	03/20/2007
PROJECT MANAGER:	PTS
DRAWN BY:	MRS
DESIGNED BY:	NLL
CHECKED BY:	NLL
QUANTITY SHEET #1	SHEET 3 OF 103

COMPOSITE QUANTITY SHEET 2



SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
STP 2304(1)S																		
NH 2603(1)S																		
ROADWAY	ROADWAY (NO FED/ STATE PARTL)	BRIDGE	FULL C.E. ITEMS	ROADWAY	ROADWAY (NO FED/ STATE PARTL)	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS			
					11		11		SM	PORTLAND CEMENT CONCRETE SIDEWALK, 200 MM	618.11	0.3						
135				35			170		SM	DETECTABLE WARNING SURFACE	618.30	3.7						
44				8			52		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-						
470				205			675		HR	UNIFORMED TRAFFIC OFFICERS	630.10	11						
495	5			215	15		730		HR	FLAGGERS	630.15	10						
			0.5			0.5	1		LS	FIELD OFFICE, ENGINEERS	631.10	-						
			0.5			0.5	1		LS	TESTING EQUIPMENT, CONCRETE	631.16	-						
			0.5			0.5	1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-						
			0.5			0.5	1		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-						
0.5				0.5			1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-						
0.5				0.5			1		LS	TRAFFIC CONTROL	641.10	-						
0.5				0.5			1		LS	PUBLIC RELATIONS OFFICER	641.12	-						
2				2			4		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15							
70				280			350		M	DURABLE 100 MM WHITE LINE, TYPE I TAPE	646.401	9						
4720				2865			7585		M	DURABLE 100 MM WHITE LINE, THERMOPLASTIC	646.402	50						
10							10		M	DURABLE 100 MM YELLOW LINE, TYPE I TAPE	646.411	5						
6200				2850			9050		M	DURABLE 100 MM YELLOW LINE, THERMOPLASTIC	646.412	99						
325							325		M	DURABLE 150 MM WHITE LINE, THERMOPLASTIC	646.422	4						
				75			75		M	DURABLE 200 MM YELLOW LINE, THERMOPLASTIC	646.452	3.6						
90				50			140		M	DURABLE 600 MM STOP BAR, TYPE I TAPE	646.481	10.5						
93				93			186		EACH	DURABLE LETTER OR SYMBOL, TYPE I TAPE	646.491	-						
9570				6285			15855		M	TEMPORARY 100 MM WHITE LINE, PAINT	646.602	168						
12400				5700			18100		M	TEMPORARY 100 MM YELLOW LINE, PAINT	646.612	188						
650							650		M	TEMPORARY 150 MM WHITE LINE, PAINT	646.622	8						
175				95			270		M	TEMPORARY 600 MM STOP BAR, PAINT	646.682	11						
178				128			306		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-						
400				435			835		M	TEMPORARY CROSSWALK MARKING, PAINT	646.702	16.2						
490				370			860		EACH	LINE STRIPING TARGETS	646.76	13						
15				15			30		KG	SEED	651.15	-						
115				115			230		KG	FERTILIZER	651.18	-						
1				1			2		T	AGRICULTURAL LIMESTONE	651.20	-						
1				1			2		T	HAYMULCH	651.25	-						
20				20			40		CM	TOPSOIL	651.35	-						
61				80			141		SM	TRAFFIC SIGNS, TYPE A	675.20	2.11						
133				115			248		KG	TUBULAR STEEL SIGN POST	675.33	2.8						
340				530			870		M	SQUARE TUBE SIGN POST AND ANCHOR	675.341	9.8						
2				2			4		EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-						
94				232			326		EACH	REMOVING SIGNS	675.50	-						
13				30			43		EACH	ERECTING SALVAGED SIGNS	675.60	-						
				345			345		M	VEHICLE LOOP DETECTOR	678.22	5						

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(1)S/ NH 2603(1)S
FILE NAME: /pave/01d048/pd048.dgn	PLOT DATE: 03/20/2007
PROJECT MANAGER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
QUANTITY SHEET #2	SHEET 4 OF 103

COMPOSITE QUANTITY SHEET 3



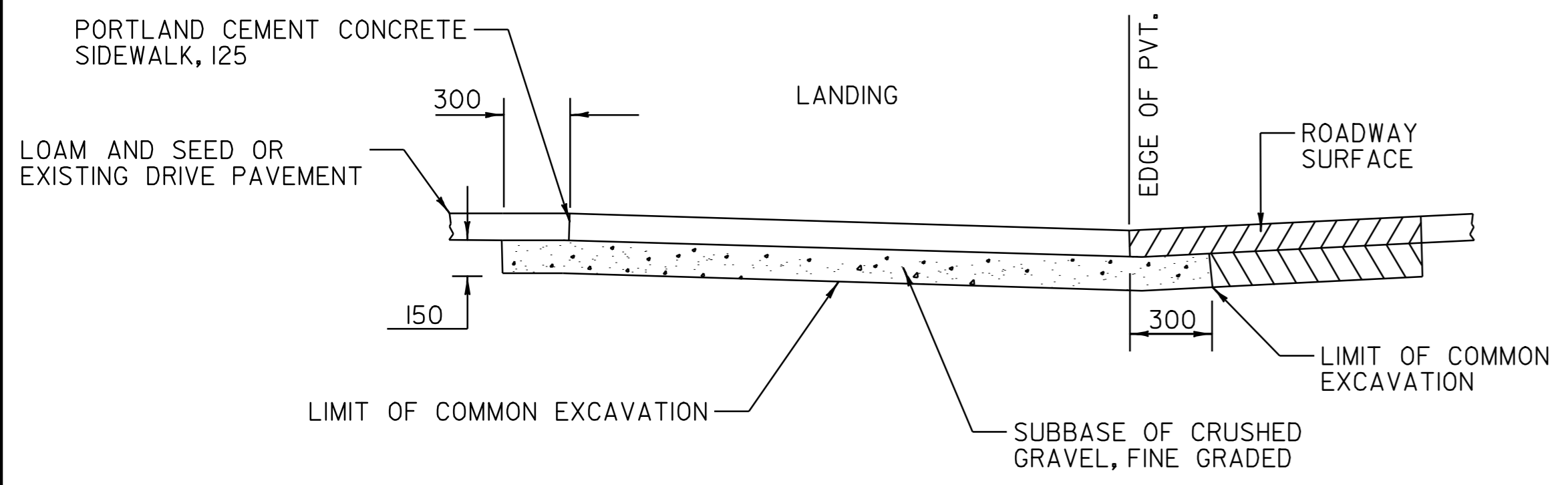
SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
STP 2304(1)S					NH 2603(1)S					GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
ROADWAY	ROADWAY (NO FED / STATE PART)	BRIDGE	FULL C.E. ITEMS	ROADWAY	ROADWAY (NO FED / STATE PART)	FULL C.E. ITEMS												
	0.5				0.5			1		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-					
	534				220			754		M	SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORZED)	900.640	14.6					
	130				130			260		SM	SPECIAL PROVISION (IMPRINTED/COLORIZED SURFACE)	900.675						
	7							7		SM	SPECIAL PROVISION (UNIT BLOCK RETAINING WALL)	900.675	0.6					

REVISED 4/3/07
ADDED ITEMS
690.50 & 900.640

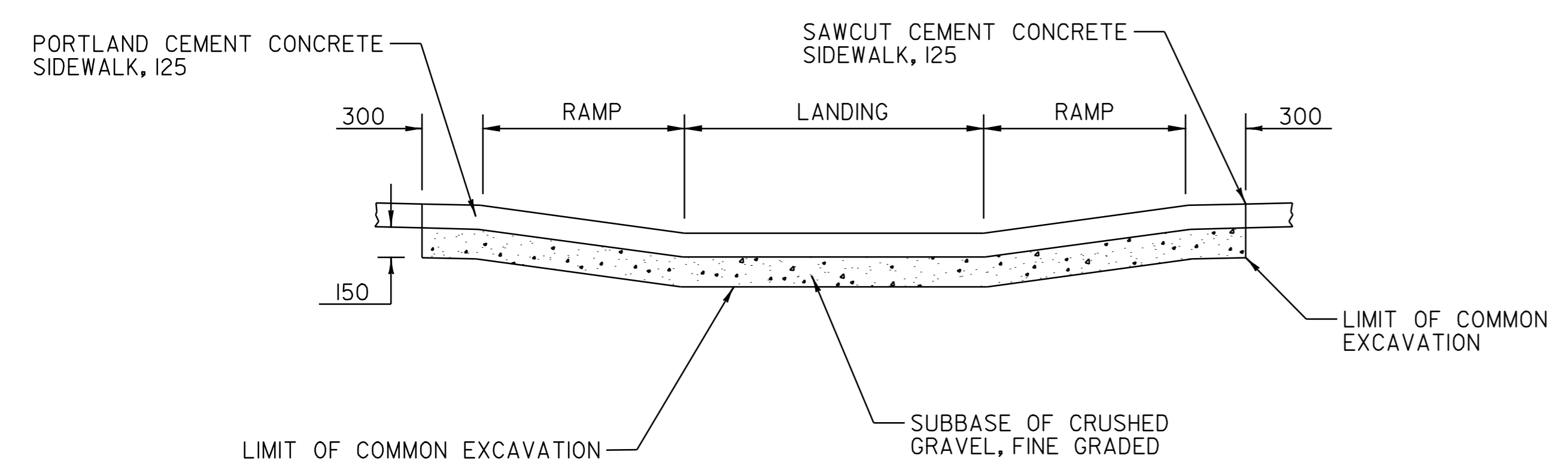
PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2304(1)S/ NH 2603(1)S

FILE NAME: /pave/01d048/pd048.dgn
PROJECT MANAGER: PTS
DESIGNED BY: NLL
QUANTITY SHEET #3

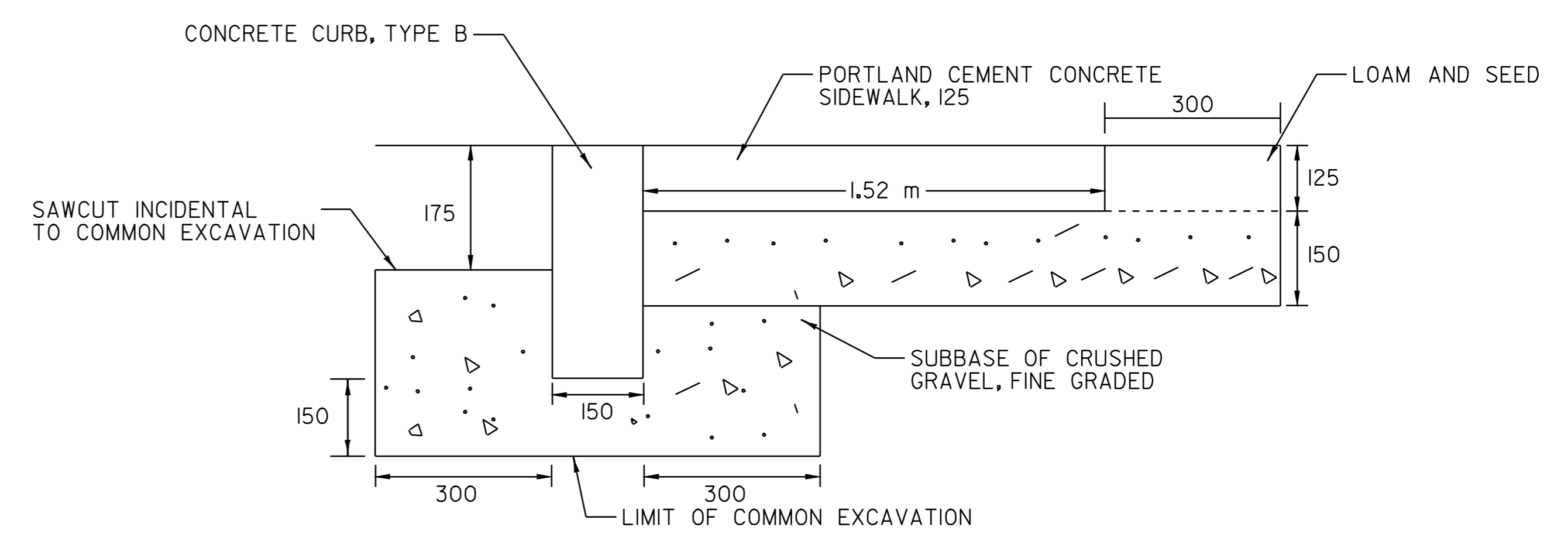
PLOT DATE: 03/20/2007
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 5 OF 103



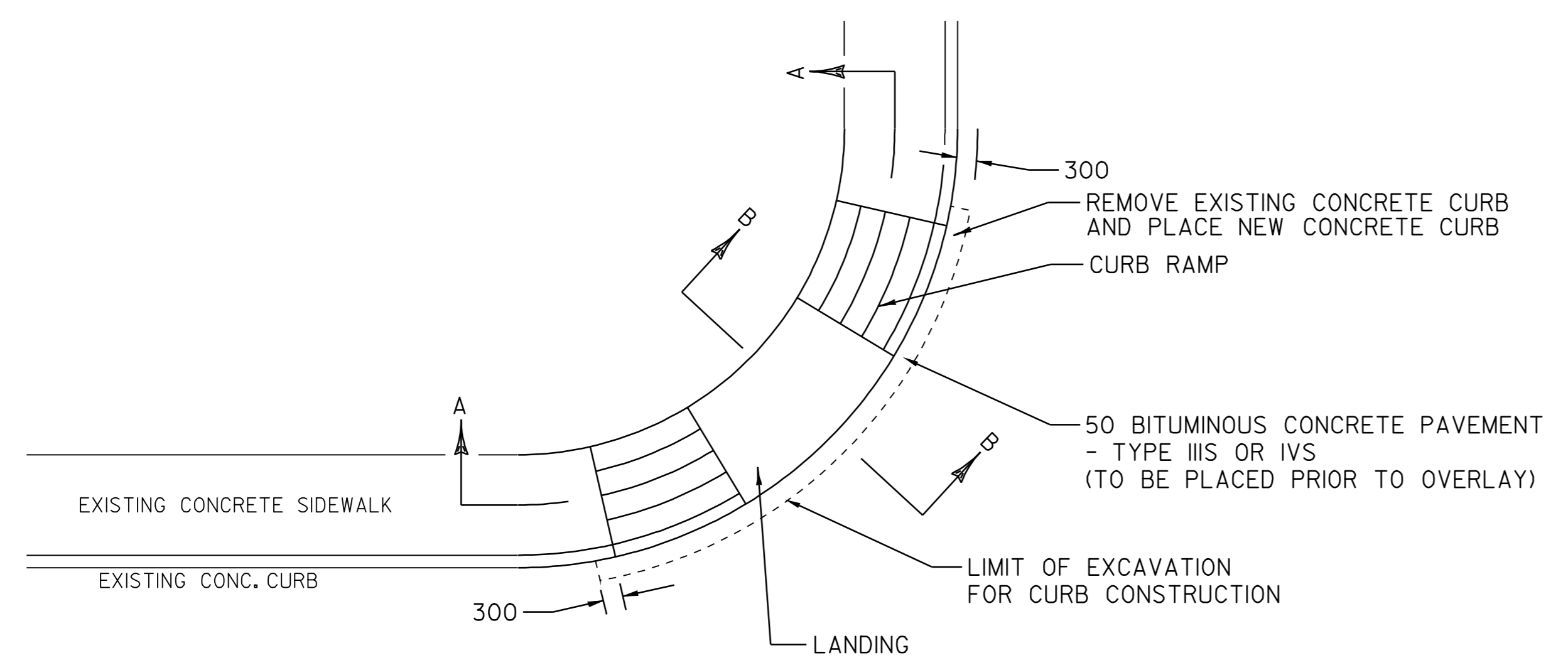
SECTION B-B



SECTION A-A



SIDEWALK AND CURB CONSTRUCTION DETAIL



PLAN

SIDEWALK RAMP PAY LIMIT DETAILS

NOTE: THIS DETAIL IS FOR PAY LIMITS ONLY. FOR INDIVIDUAL RAMP CONFIGURATIONS, SLOPES, DIMENSIONS, ETC., SEE VTRANS STANDARDS C-3AM/C-3BM.

NOT TO SCALE

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

SIDEWALK RAMP DETAIL

PROJECT NAME:	MIDDLEBURY	PLOT DATE:	06-OCT-2008 13:00
PROJECT NUMBER:	STP 2304(I)S / NH 2603(I)S	DRAWN BY:	MRS
FILE NAME:	/pave/0ld048/pd048.dgn	CHECKED BY:	NLL
PROJECT LEADER:	PTS	SHEET	7 OF 103
IPARM FILE NAME:	pd048csrd.i		

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT CLASS I TOWN HIGHWAY TOWN OF MIDDLEBURY COUNTY OF ADDISON VT ROUTES 30 & 125

BEGINNING IN MIDDLEBURY ON VT ROUTE 30 AT STATION 0+885.14 (MM 0.550) AND EXTENDING NORTHERLY ALONG VT ROUTE 30 A DISTANCE OF 2011.68 METERS (1.25 MILES) TO THE END OF VT ROUTE 30 AT US 7, STATION 2+896.82 (MM 1.800). ALSO BEGINNING IN MIDDLEBURY ON VT ROUTE 125 AT STATION 0+537.52 (MM 0.334) AND EXTENDING EASTERLY ALONG VT ROUTE 125 A DISTANCE OF 1099.18 METERS (0.683 MILES) TO THE INTERSECTION OF VT ROUTE 30, STATION 1+636.70 (MM 1.017)

PROJECT DATA

EROM STA 0+885.14 (MM 0.550) IQ STA 2+896.82 (MM 1.800)
EROM STA 0+537.52 (MM 0.334) IQ STA 1+636.70 (MM 1.017)
LENGTH OF ROADWAY = 3110.86 METERS (1.933 MILES)
LENGTH OF PROJECT = 3110.86 METERS (1.933 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

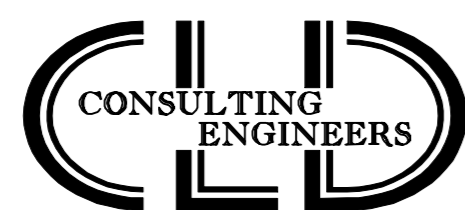
**END STP 2304(1)S
VT RTE 125
STA 1+636.70
(MM 1.017)**

**BEGIN STP 2304(1)S
VT RTE 125
STA 0+537.52
(MM 0.334)**

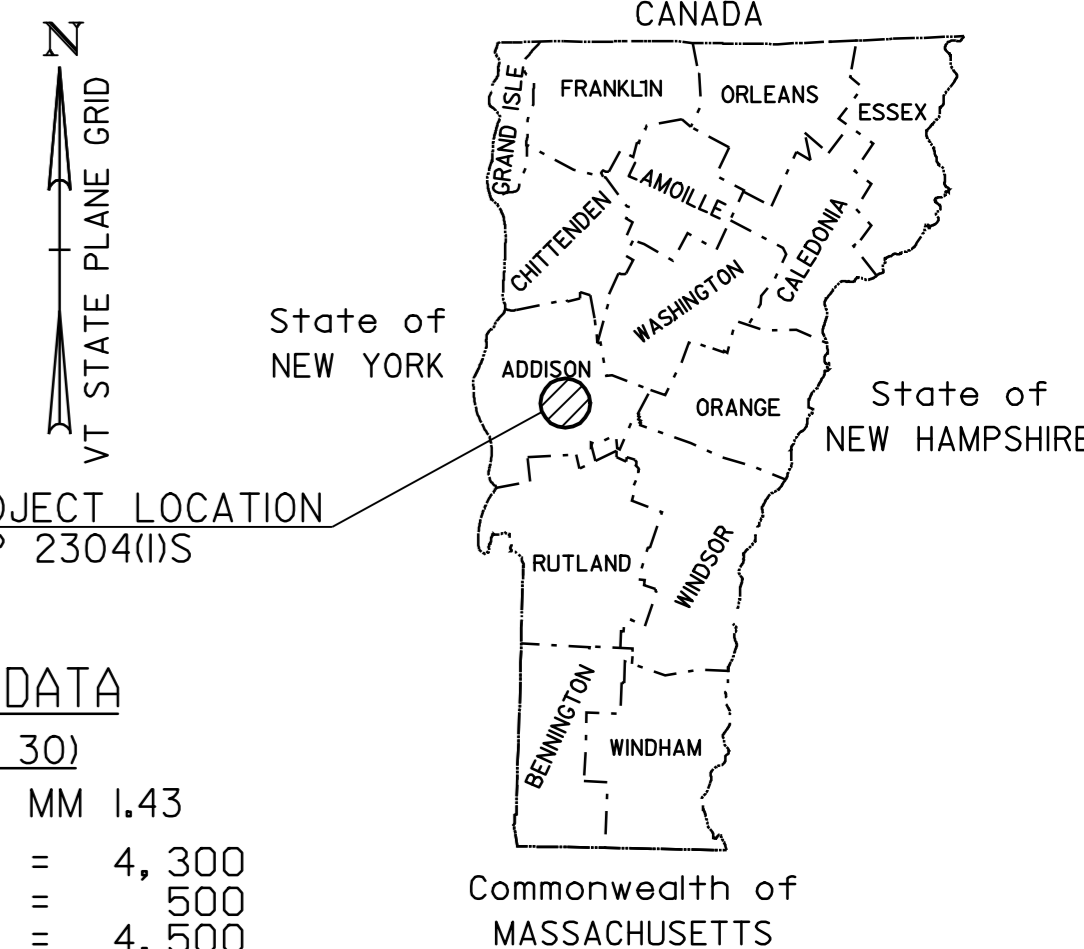
**END STP 2304(1)S
VT RTE 30
STA 2+896.82
(MM 1.800)**

**BEGIN STP 2304(1)S
VT RTE 30
STA 0+885.14
(MM 0.550)**

METRIC PLANS
PREPARED BY:

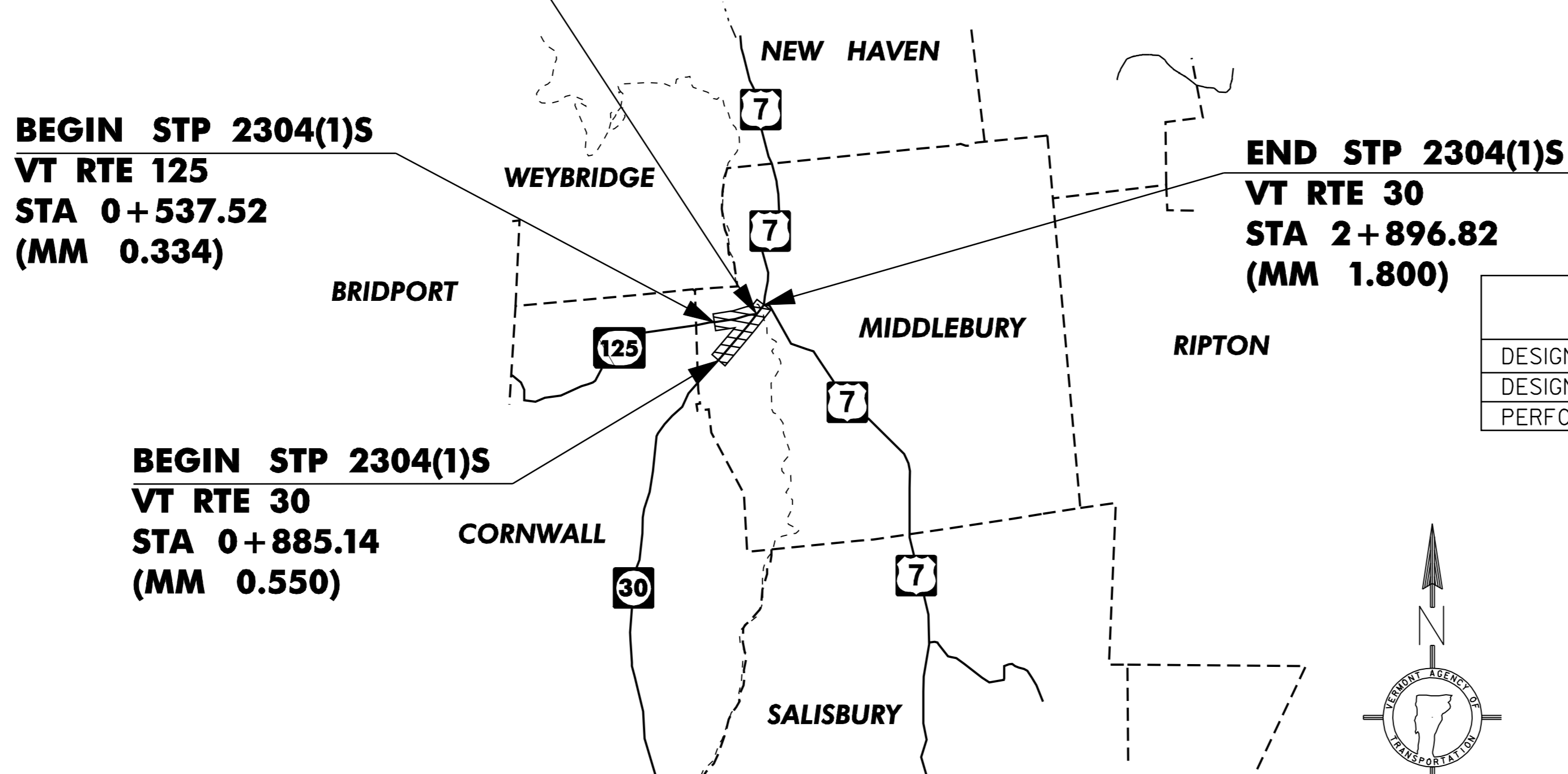


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email: cld@cldeengineers.com
Maline • New Hampshire • Vermont



TRAFFIC DATA

(VT RTE 30)	
MM 0.550 TO MM 1.43	
2006 ADT	= 4,300
2006 DHV	= 500
2016 ADT	= 4,500
2016 DHV	= 520
2006-2016 ESALS	= 568,000
MM 1.43 TO MM 1.54	
2006 ADT	= 9,500
2006 DHV	= 1,000
2016 ADT	= 10,000
2016 DHV	= 1,100
2006-2016 ESALS	= 783,000
MM 1.54 TO MM 1.68	
2006 ADT	= 15,700
2006 DHV	= 1,700
2016 ADT	= 16,600
2016 DHV	= 1,800
2006-2016 ESALS	= 1,610,000
MM 1.68 TO MM 1.80	
2006 ADT	= 11,000
2006 DHV	= 1,200
2016 ADT	= 11,700
2016 DHV	= 1,300
2006-2016 ESALS	= 1,506,000
(VT RTE 125)	
MM 0.334 TO MM 0.43	
2006 ADT	= 3,200
2006 DHV	= 390
2016 ADT	= 3,300
2016 DHV	= 400
2006-2016 ESALS	= 651,000
MM 0.43 TO MM 0.91	
2006 ADT	= 5,800
2006 DHV	= 650
2016 ADT	= 6,200
2016 DHV	= 690
2006-2016 ESALS	= 683,000
MM 0.91 TO MM 1.017	
2006 ADT	= 7,700
2006 DHV	= 850
2016 ADT	= 8,100
2016 DHV	= 890
2006-2016 ESALS	= 1,058,000



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	2,543,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	64-28



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

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

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

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

/pave/0ld048/pd048.dgn	pd048+ts1
DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED _____ DATE _____	
PROJECT MANAGER: MARK WOOLOVER	
PROJECT NAME : MIDDLEBURY	
PROJECT NUMBER : AC STP 2304 (1) S	
SHEET 8 OF 103 SHEETS	

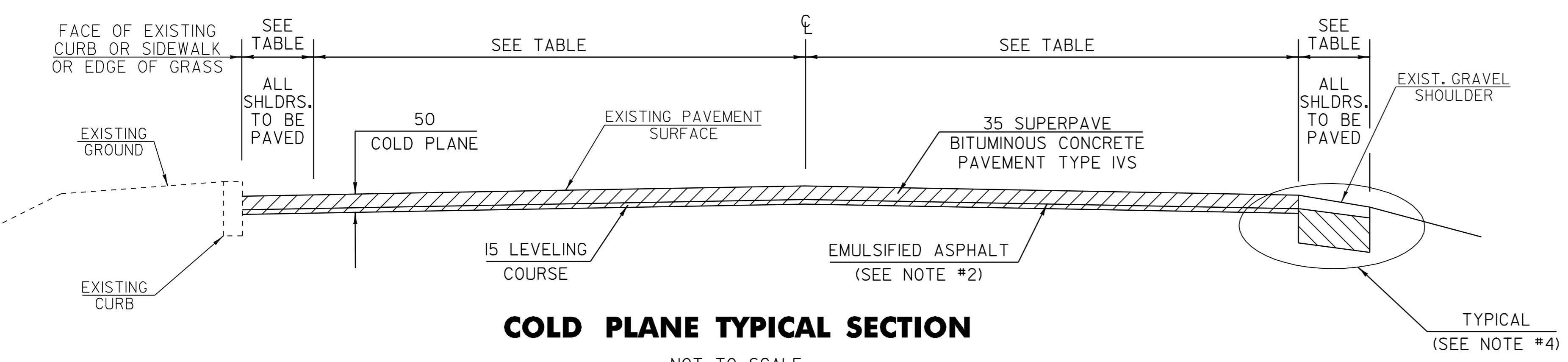
STANDARDS
UPDATED JANUARY 16, 2007

VT ROUTES 30 & 125 STP 2304(I)S

C-1	GRANITE SLOPE EDGING, VERTICAL GRANITE CURB CAST IN PLACE CONCRETE CURB	01/03/00	8	TITLE SHEET
C-3AM	SIDEWALK RAMPS	09/01/04	9	INDEX OF SHEETS
C-3BM	SIDEWALK RAMPS	09/01/04	10-12	PROJECT TYPICAL SHEETS
D-9	REINFORCED CONCRETE DROP INLET WITH VERTICAL CURB	06/01/94	13	SHOULDER WIDENING DETAIL SHEET
D-10	TOP FOR A DROP INLET WITH BITUMINOUS CONCRETE CURB	06/01/94	14-15	QUANTITY SHEETS
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/CAST IRON GRATE, CAST IRON GRATE WITH FRAME, TYPE E	06/01/94	16-18	ITEM DETAIL SHEETS
E-100	CONSTRUCTION APPROACH SIGNS	01/02/04	19-40	PAVING LAYOUT SHEETS
E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04	41	SIDEWALK RAMP DETAIL SHEET
E-101	CONSTRUCTION SIGN DETAILS	05/30/03	42-54	TRAFFIC SIGN SUMMARY SHEETS
E-102	CONSTRUCTION SIGN DETAILS	06/30/03	55	CONSTRUCTION APPROACH SIGNING SHEET
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04		
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03/01/04		
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	08/18/95		
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95		
E-111	MINOR MAINTENANCE OPERATION	03/11/97		
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08/08/95		
E-123	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	03/16/04		
E-132	GENERAL MOTORIST SERVICES SIGN DETAIL	08/18/95		
E-136A	U.S. ROUTE MARKER SIGN DETAILS	08/08/95		
E-136B	STATE ROUTE MARKER SIGN DETAILS	08/08/95		
E-136C	STATE NUMBERED TOWN HIGHWAY SIGN DETAILS	08/08/95		
E-142	REGULATORY SIGN DETAILS	09/20/95		
E-143	REGULATORY SIGN DETAILS	06/15/04		
E-144	REGULATORY SIGN DETAILS	03/29/99		
E-146	REGULATORY SIGN DETAILS	09/20/95		
E-150	WARNING SIGN DETAIL	05/01/04		
E-152	WARNING SIGN DETAIL	05/01/04		
E-163	TUBULAR STEEL SIGN POST	05/20/99		
E-164	SQUARE STEEL SIGN POST	05/20/99		
E-191	PAVEMENT MARKING DETAILS	02/01/99		
E-192	PAVEMENT MARKING DETAILS	10/12/00		
E-193	PAVEMENT MARKING DETAILS	08/18/95		
J-2	STANDARD CONCRETE STEPS METAL HAND RAILING	06/01/94		

INDEX OF SHEETS

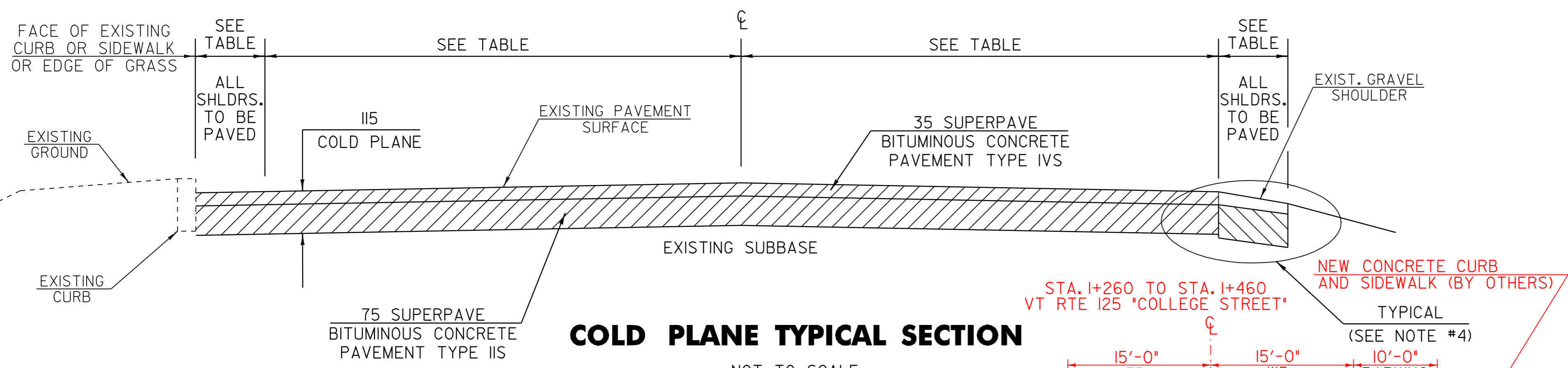
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PROJECT NUMBER: STP 2304(I)S	
FILE NAME: /pave/0ld048/pd048	PLOT DATE: 06-OCT-2008 13:0
PROJECT LEADER: PTS	DRAWN BY: MRS
IPARM FILE NAME: pd048in.i	CHECKED BY: NULL
	SHEET 9 OF 103



COLD PLANE TYPICAL SECTION

NOT TO SCALE

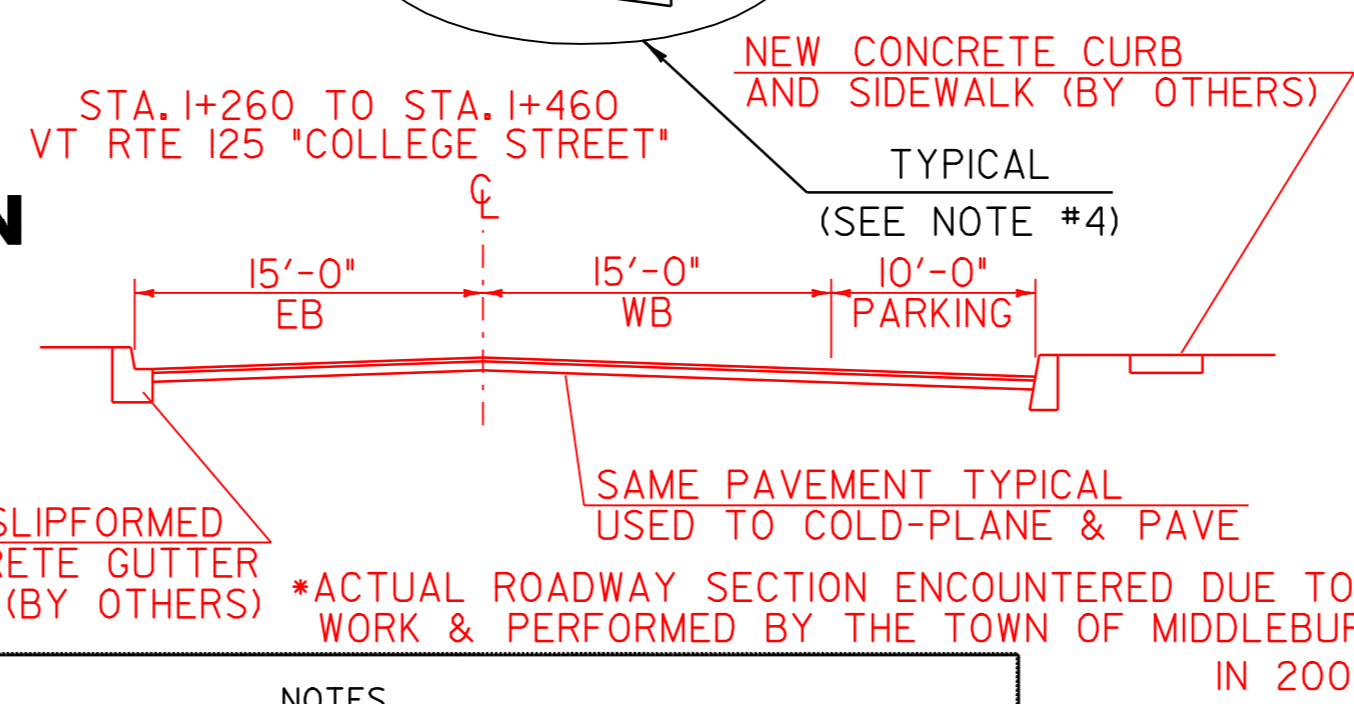
MIDDLEBURY
 STA 0+885 TO STA 2+897 VT RTE 30
 STA 0+538 TO STA 1+210 VT RTE 125



COLD PLANE TYPICAL SECTION

NOT TO SCALE

MIDDLEBURY
 STA 1+210 TO STA 1+624 VT RTE 125



PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BASE DEPTH (mm)	LEVELING DEPTH (mm)	TOTAL (+)	NOTES
MIDDLEBURY								
VT RTE 30	0+885	0+924	0.2-3.3-3.3-0.2	35		15	10	COLD PLANE 50, LEVEL AND OVERLAY
	0+924	0+942	VARIES SEE LAYOUT	35		15	5	COLD PLANE 50, LEVEL AND OVERLAY
	0+924	1+315	0.4-3.3-3.3-0.4	35		15	99	COLD PLANE 50, LEVEL AND OVERLAY
	1+315	1+341	VARIES SEE LAYOUT	35		15	7	COLD PLANE 50, LEVEL AND OVERLAY
	1+341	1+435	0.6-3.3-3.3-0.6	35		15	26	COLD PLANE 50, LEVEL AND OVERLAY
	1+435	1+532	0.7-3.3-3.3-0.7	35		15	28	COLD PLANE 50, LEVEL AND OVERLAY
	1+532	1+550	VARIES SEE LAYOUT	35		15	6	COLD PLANE 50, LEVEL AND OVERLAY
	1+550	1+641	0.7-3.3-3.3-2.5	35		15	32	COLD PLANE 50, LEVEL AND OVERLAY
	1+641	1+644	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+644	1+683	0.4-3.3-3.3-1.6	35		15	12	COLD PLANE 50, LEVEL AND OVERLAY
	1+683	1+687	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+687	1+788	0.4-3.3-3.3-2.8	35		15	36	COLD PLANE 50, LEVEL AND OVERLAY
	1+788	1+791	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+791	1+840	0.4-3.3-3.3-1.4	35		15	15	COLD PLANE 50, LEVEL AND OVERLAY
	1+840	1+844	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	1+844	1+914	0.4-3.3-3.3-2.8	35		15	25	COLD PLANE 50, LEVEL AND OVERLAY
	1+914	1+935	VARIES SEE LAYOUT	35		15	7	COLD PLANE 50, LEVEL AND OVERLAY
	1+935	2+286	0.4-3.3-3.7-2.4	35		15	124	COLD PLANE 50, LEVEL AND OVERLAY
	2+286	2+316	VARIES SEE LAYOUT	35		15	12	COLD PLANE 50, LEVEL AND OVERLAY
	2+316	2+897	VARIES SEE LAYOUT	35		15	328	COLD PLANE 50, LEVEL AND OVERLAY
VT RTE 125								
	0+538	0+641	0.4-3.6-3.6-0.4	35		15	30	COLD PLANE 50, LEVEL AND OVERLAY
	0+641	0+699	0.0-3.9-3.9-0.0	35		15	16	COLD PLANE 50, LEVEL AND OVERLAY
	0+699	0+704	VARIES SEE LAYOUT	35		15	2	COLD PLANE 50, LEVEL AND OVERLAY
	0+704	0+747	0.0-7.0-7.0-0.0	35		15	22	COLD PLANE 50, LEVEL AND OVERLAY
	0+747	0+750	VARIES SEE LAYOUT	35		15	1	COLD PLANE 50, LEVEL AND OVERLAY
	0+750	0+851	0.0-3.9-3.9-0.0	35		15	28	COLD PLANE 50, LEVEL AND OVERLAY
	0+851	1+210	VARIES SEE LAYOUT	35		15	141	COLD PLANE 50, LEVEL AND OVERLAY
	1+210	1+624	VARIES SEE LAYOUT	35	75			COLD PLANE 115 (TO SUBBASE), 75 TYPE IIS, 35 TYPE IVS

GENERAL NOTES:

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS AND 15mm IN DEPTH AND THE BASE COURSE SHALL BE TYPE IIS, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE (PG 64-28).
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 5 mm +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm +/- OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED.
5. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE (PG 64-28).
6. ALL DRIVES WILL BE PAVED TO THE SIDEWALK AND MAILBOX TURNOUTS SHALL RECEIVE A 1 METER PAVED APRON AT THE NECESSARY LOCATIONS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAVEMENT SHALL FEATHER APRON OVER THE EXISTING SURFACE.
7. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13, AGGREGATE SHOULDERS, RAP.
8. ALL BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
9. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.13, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
10. COLD PLANE GRINDINGS TO REMAIN THE PROPERTY OF THE STATE OF VERMONT AND TO BE USED ON THE PROJECT FOR SHOULDER BACKING, PAYABLE UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
11. ITEM 604.40 AND 604.42 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS ON THE LAYOUT SHEETS AS DIRECTED BY THE RESIDENT ENGINEER. ALL D'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
12. GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64 28).
13. ALL DRIVES SHALL RECEIVE A PAVED APRON TO THE 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 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28). QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
14. ANY GRADING REQUIRED PRIOR TO PAVING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE INCIDENTAL TO ITEM 608.15, POWER GRADER RENTAL.
15. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES MANUFACTURED BY NEENAH FOUNDRY OR ANOTHER EQUAL CAST IRON PRODUCT FROM THE AGENCY'S APPROVED PRODUCTS LIST. COLOR SHALL BE GRAY.

PROJECT TYPICAL SHEET 1

PROJECT NAME:	MIDDLEBURY	PLOT DATE:	06-OCT-2008 13:0
PROJECT NUMBER:	STP 2304(I)S	DRAWN BY:	MRS
FILE NAME:	/pave/01d048/pd048.dgn	CHECKED BY:	NLL
PROJECT LEADER:	PTS	SHEET	10 OF 103
IPARM FILE NAME:	pd048+ty01.i		

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

SEEDING FORMULA URBAN AREA

% MASS	kg/ha	NAME	PUR %	GERM %
42.5	38.0	CREeping RED FESCUE	98	85
10.0	9.0	PERENNIAL RYE GRASS	95	90
42.5	38.0	KENTUCKY BLUE GRASS	85	85
5.0	5.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

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

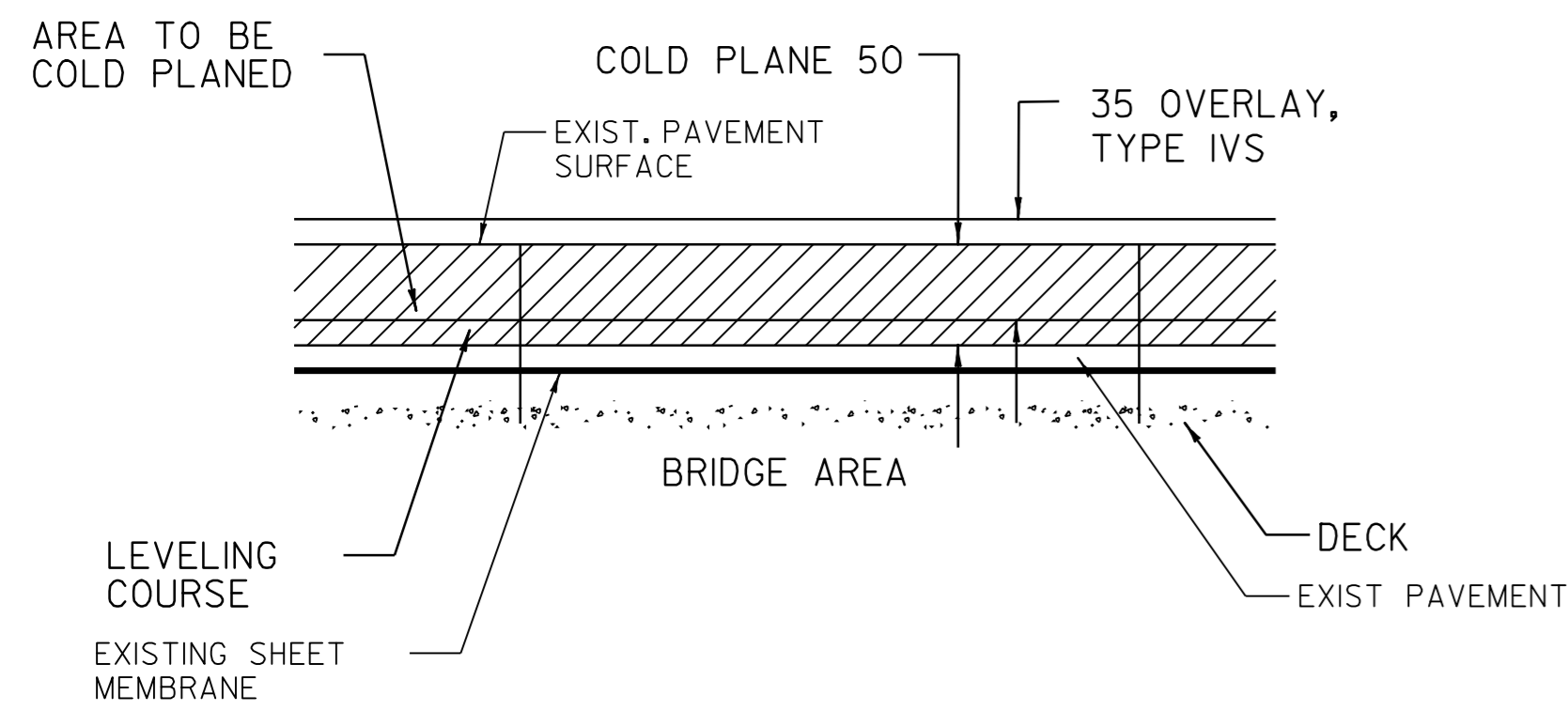
SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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 RESIDENT ENGINEER.

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

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

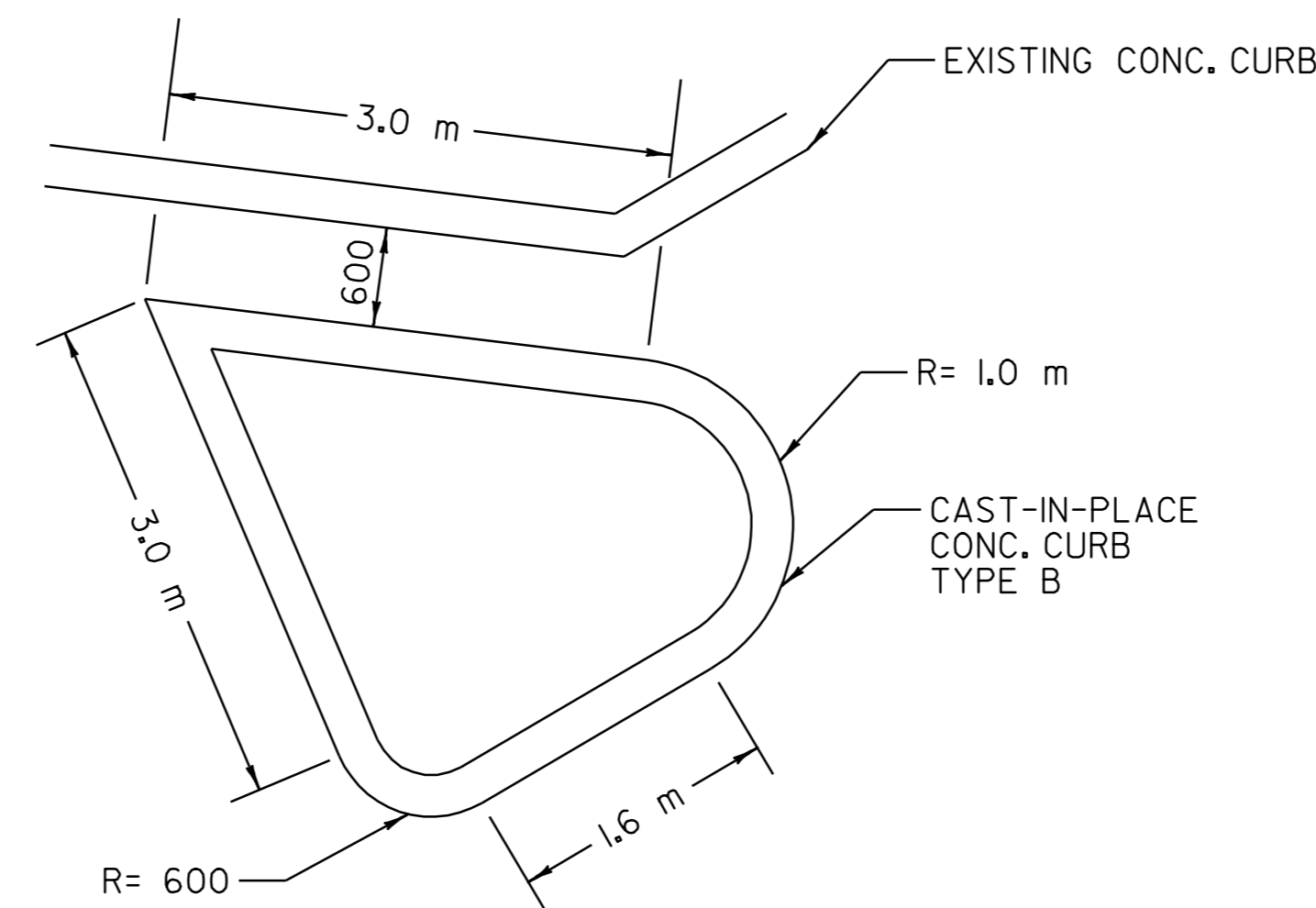


BRIDGE COLD PLANE DETAIL

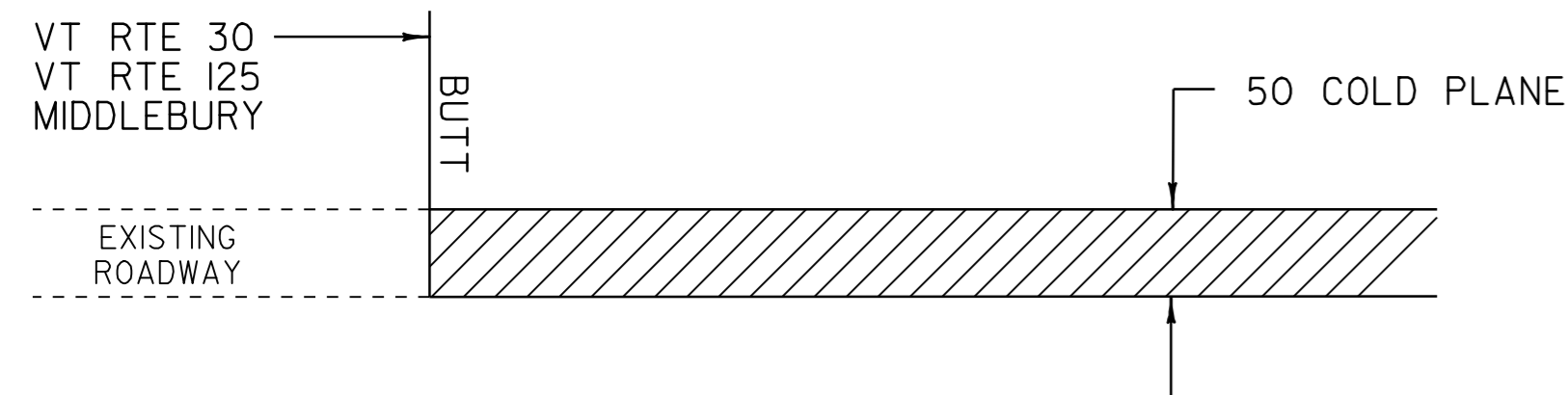
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LOCATION

BRIDGE #102 STA 2+643 TO STA 2+679



TOP VIEW

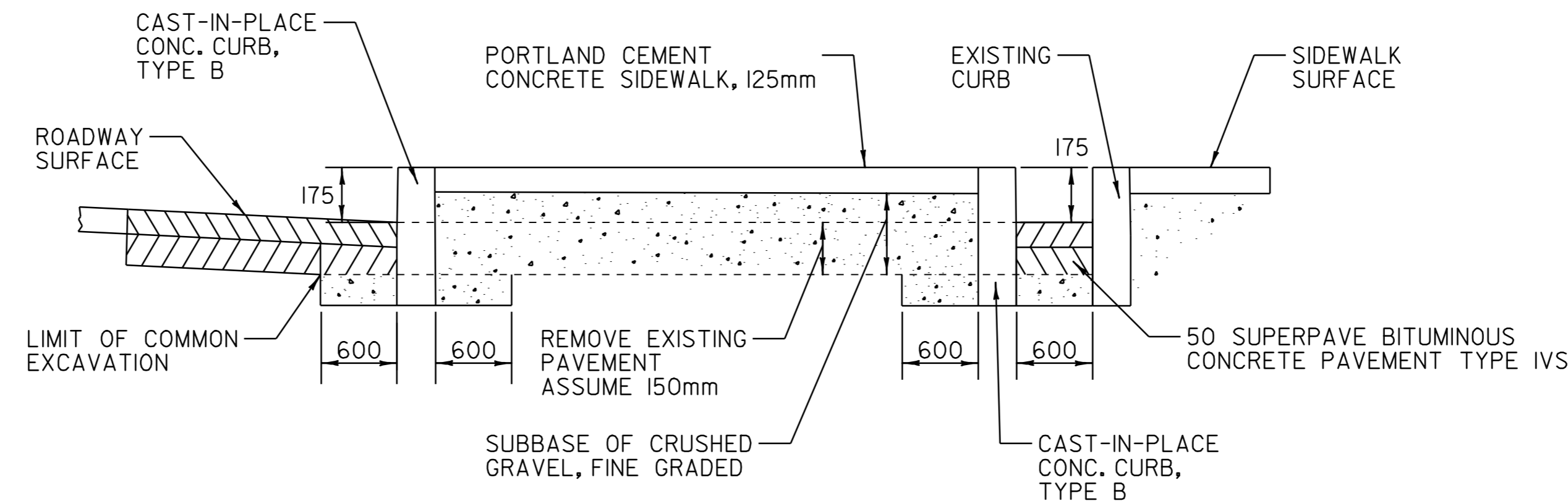


APPROACH AREA DETAIL

NOT TO SCALE

LOCATION

STA 0+885	VT RTE 30	- BEGIN COLD PLANING
STA 2+310	VT RTE 30 (TH 57)	- END COLD PLANING
STA 2+391	VT RTE 30 (TH 6)	- END COLD PLANING
STA 2+487	VT RTE 30 (TH 51)	- END COLD PLANING
STA 2+507	VT RTE 30 (TH 69)	- END COLD PLANING
STA 2+609	VT RTE 30 (TH 68)	- END COLD PLANING
STA 2+620	VT RTE 30 (TH 51)	- END COLD PLANING
STA 2+725	VT RTE 30 (SA 8)	- END COLD PLANING
STA 2+863	VT RTE 30 (SA 5)	- END COLD PLANING
STA 2+897	VT RTE 30	- END COLD PLANING
STA 0+538	VT RTE 125	- BEGIN COLD PLANING
STA 0+685	VT RTE 125 (TH 59)	- END COLD PLANING
STA 0+770	VT RTE 125 (TH 58)	- END COLD PLANING
STA 1+220	VT RTE 125 (TH 61)	- END COLD PLANING
STA 1+233	VT RTE 125 (TH 57)	- END COLD PLANING
STA 1+483	VT RTE 125 (VT 23)	- END COLD PLANING



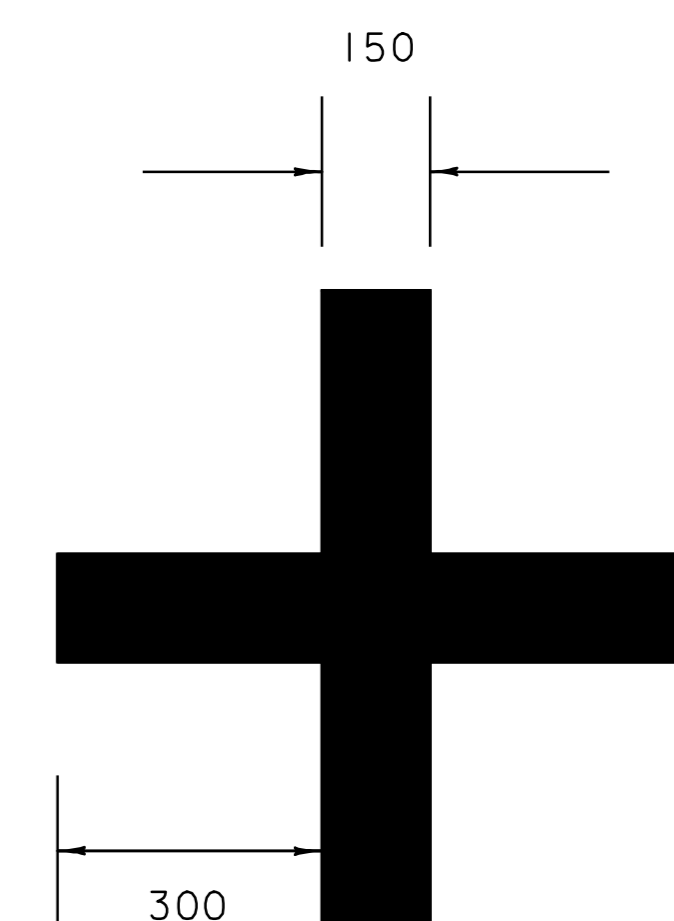
ELEVATION VIEW

BULB-OUT DETAIL

NOT TO SCALE

LOCATION

STA 2+515 TO 2+517 LT



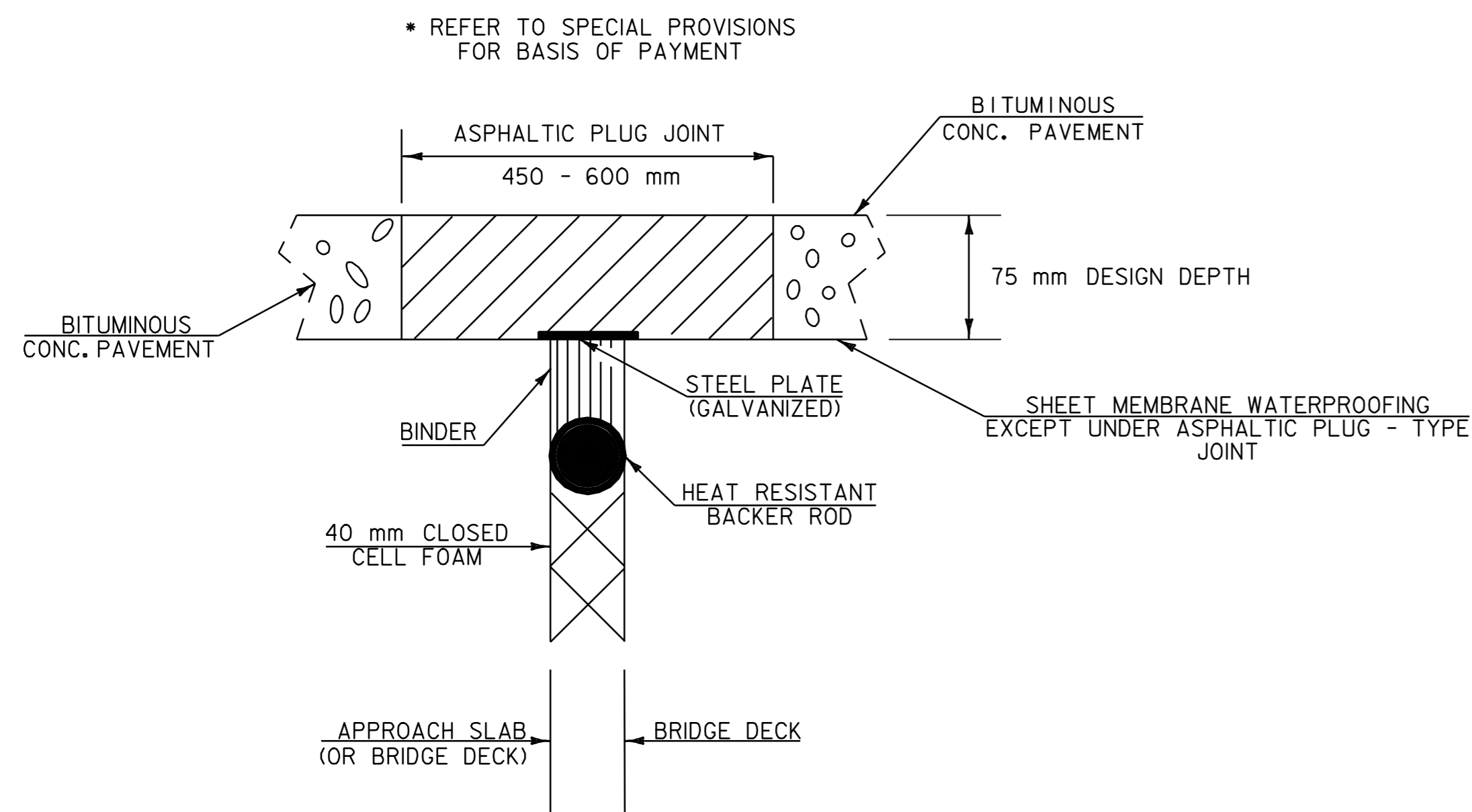
PARKING SPACE MARKING DETAIL

NOT TO SCALE

PROJECT TYPICAL SHEET 2

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/0ld048/pd048.dgn	PLOT DATE:	06-OCT-2008 13:0
PROJECT NUMBER:	STP 2304(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		IPARM FILE NAME:	pd048ty02.i	CHECKED BY:	NLL
				SHEET II	OF 103

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED



ASPHALTIC PLUG-TYPE JOINT DETAIL

LOCATION

BRIDGE #102 STA 2+643, 8 M
STA 2+679, 8 M

ASPHALTIC PLUG BRIDGE JOINT GENERAL NOTES

INSTALLATION:

THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.

THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.

THE JOINT AREA SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.

SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.

PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 25 mm (1 INCH) +/- OF BINDER ABOVE THE ROD.

THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.

PLACE 6 mm (1/4 INCH) THICK BY 200 mm (8 INCH) WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.

A. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT, AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.

THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.

THE INSTALLATION OF MATERIAL, COMPACTION, AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

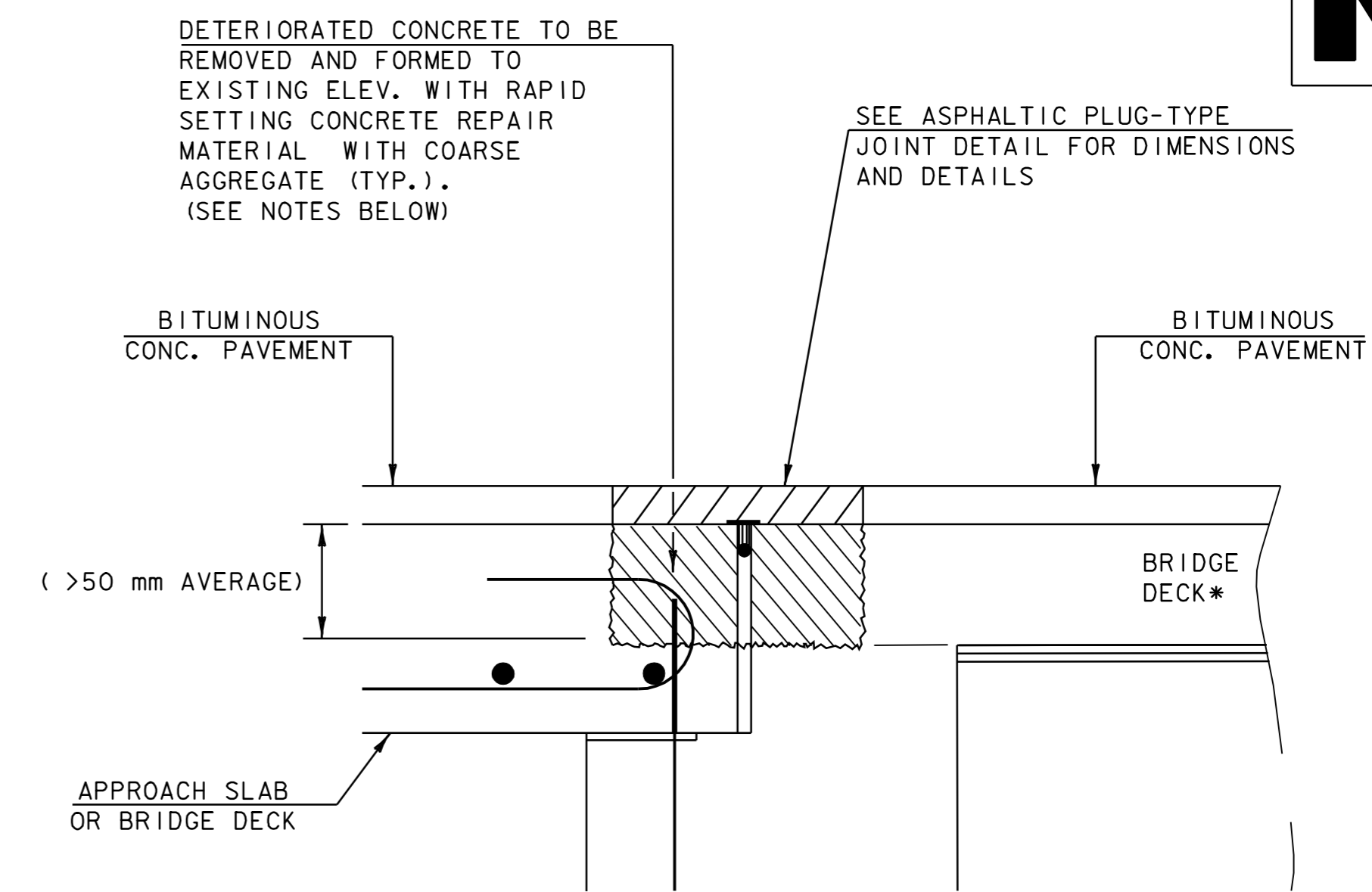
IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.

JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 52 C° +/- (125°F).

WEATHER LIMITATIONS:

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

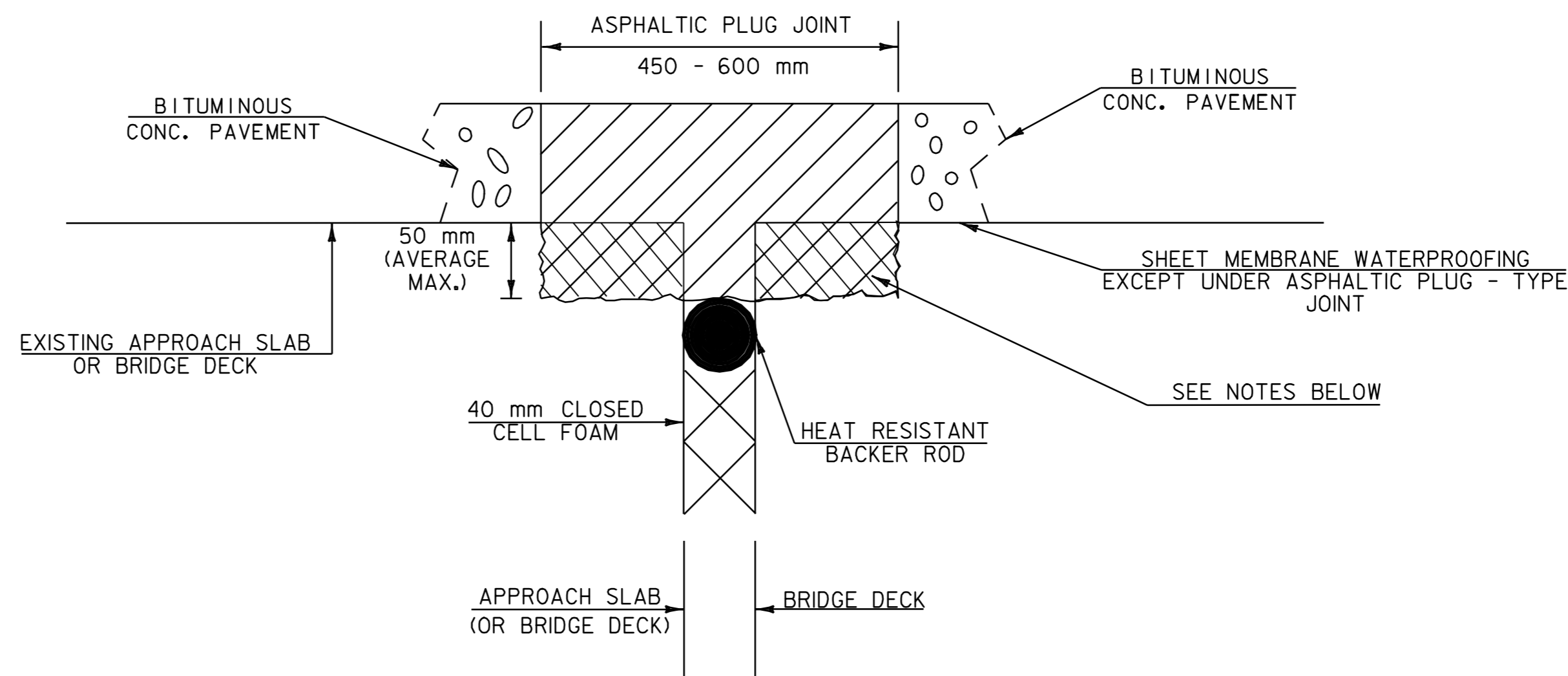
- (A) THE AMBIENT AIR TEMPERATURE IS AT LEAST 10° C (50° F) AND RISING.
- (B) THE ROAD SURFACE IS SUFFICIENTLY DRY.
- (C) WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF THE SATISFACTORY WORK.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF > 50 mm DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING GREATER THAN 50 mm AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 580.20 "RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE".
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF UP TO 50 mm DETERIORATED CONCRETE

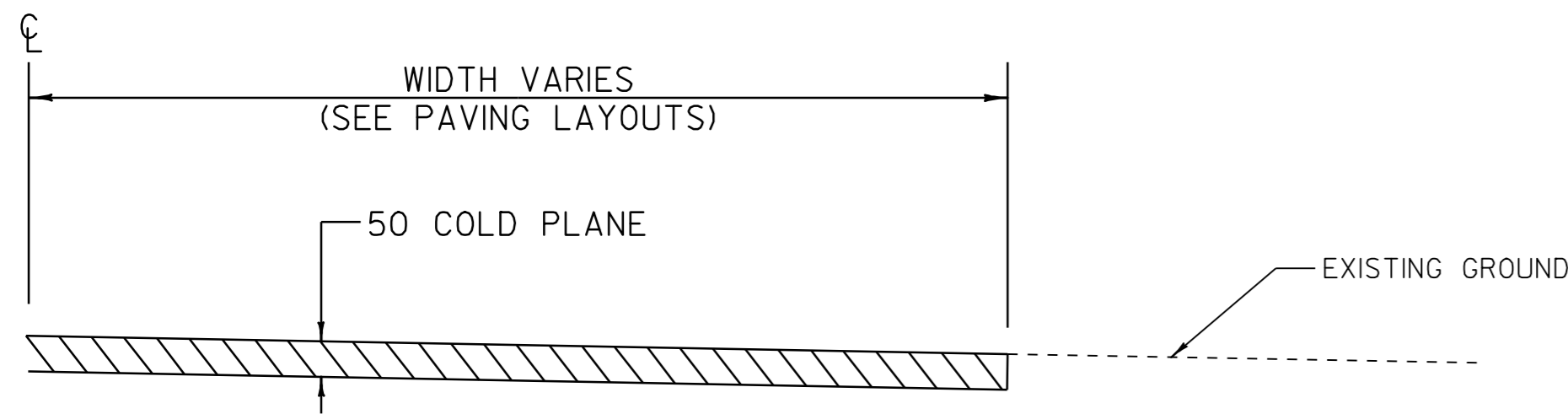
NOTES:

1. UPON ENCOUNTERING UP TO 50 mm AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED AS SHOWN IN THE DETAIL ABOVE IF DIRECTED BY THE RESIDENT ENGINEER.

PROJECT TYPICAL SHEET 3

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:0
PROJECT NUMBER: STP 2304(I)S	DRAWN BY: MRS
FILE NAME: /pave/01d048/pd048.dgn	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 12 OF 103
IPARM FILE NAME: pd048+ty03.1	

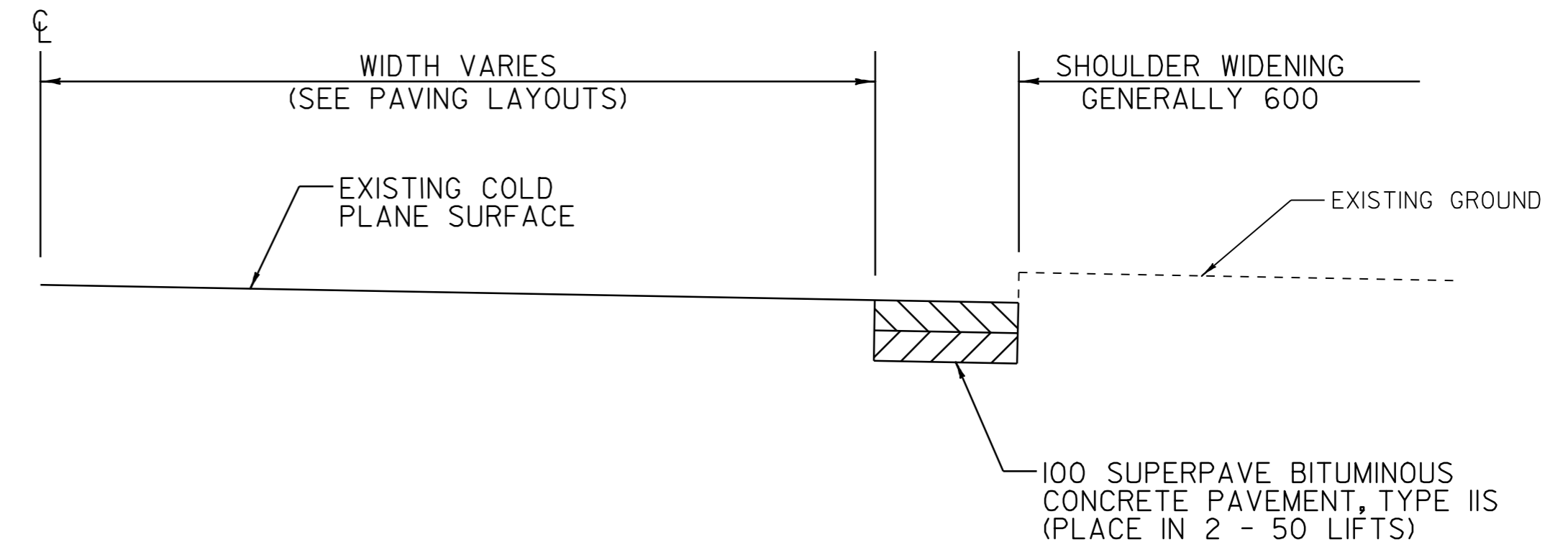
NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED



PHASE I

NOT TO SCALE

MIDDLEBURY
STA 0+940 TO STA 1+313 VT RTE 30



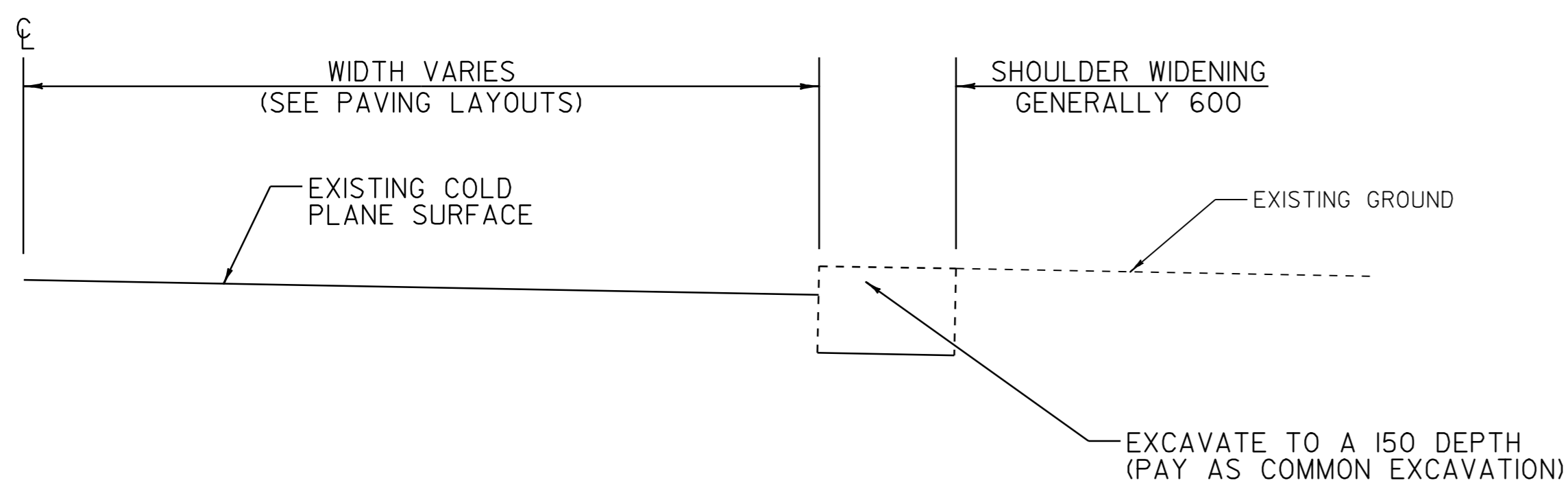
PHASE III

NOT TO SCALE

MIDDLEBURY
STA 0+940 TO STA 1+313 VT RTE 30

NOTE:

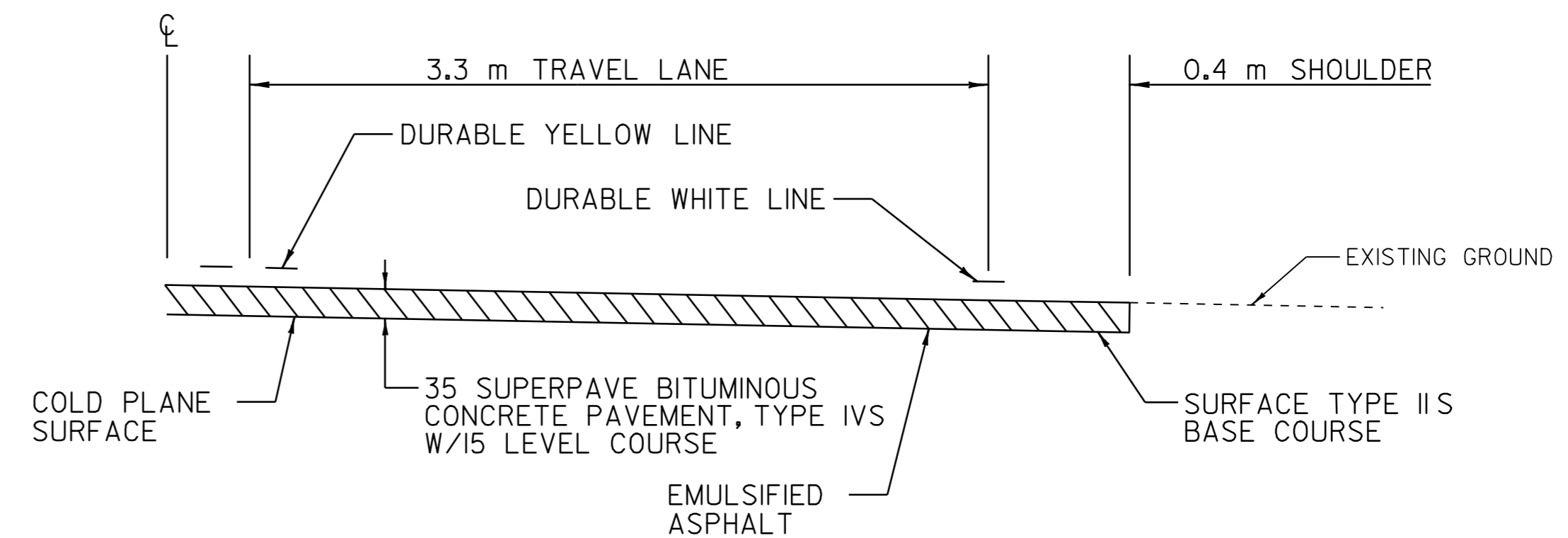
- I. THE CONTRACTOR SHALL NOT LEAVE THE UNPROTECTED 100 DROP OFF EXPOSED TO VEHICULAR TRAFFIC. THE CONTRACTOR SHALL EXCAVATE TO THE DEPTH NOTED AND PAVE WITH 100 OF SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IIS IN THE SAME WORK DAY, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.



PHASE II

NOT TO SCALE

MIDDLEBURY
STA 0+940 TO STA 1+313 VT RTE 30



PHASE IV

NOT TO SCALE

MIDDLEBURY
STA 0+940 TO STA 1+313 VT RTE 30

SHOULDER WIDENING DETAIL SHEET

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:0
PROJECT NUMBER: STP 2304(I)S	DRAWN BY: MRS
FILE NAME: /pave/0ld048/pd048.dgn	CHECKED BY: NULL
PROJECT LEADER: PTS	SHEET 13 OF 103
IPARM FILE NAME: pd048sw01.i	

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

QUANTITY SHEET 1



SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
						ROADWAY	ROADWAY (NO FED./ STATE PARTI.)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
						370	85			455		CM	COMMON EXCAVATION	203.15	5.7			
						2				2		CM	SOLID ROCK EXCAVATION	203.16	0.6			
						0.5				0.5		CM	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
						34620				34620		SM	COLD PLANING, BITUMINOUS PAVEMENT	210.10	342			
						565	105			670		T	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	12			
						115				115		T	AGGREGATE SHOULDERS, RAP	402.13	2			
						7545				7545		KG	EMULSIFIED ASPHALT	404.65	76			
						0.5				0.5		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			
						5100				5100		T	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	490.30	56			
						0.5				0.5		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31				
								17		17		M	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	1			
						1.5				1.5		CM	CONCRETE, CLASS B	541.25	0.3			
								3		3		CM	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	-			
						72				72		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-			
						1				1		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-			
						24				24		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-			
						20				20		HR	POWER GRADER RENTAL	608.15	2			
						10				10		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	-			
						50				50		HR	POWER BROOM RENTAL, TYPE II	608.31	3			
							10			10		HR	TRUCK RENTAL	608.37	-			
							10			10		HR	LOADER RENTAL, TYPE I	608.40	-			
						5200				5200		CM	DUST CONTROL WITH WATER	609.10	57			
						460	230			690		M	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	11.6			
						3				3		M	REMOVING AND RESETTING CURB	616.40	-			
						580	30			610		SM	PORTLAND CEMENT CONCRETE SIDEWALK, 125 MM	618.10	7.9			
						135				135		SM	DETECTABLE WARNING SURFACE	618.30	1.4			
						44				44		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-			
						470				470		HR	UNIFORMED TRAFFIC OFFICERS	630.10	6			
						495	5			500		HR	FLAGGERS	630.15	6			
									0.5	0.5		LS	FIELD OFFICE, ENGINEERS	631.10	-			
									0.5	0.5		LS	TESTING EQUIPMENT, CONCRETE	631.16	-			
									0.5	0.5		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
									0.5	0.5		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
						0.5				0.5		LS	MOBILIZATION/DEMobilIZATION	635.11	-			
						0.5				0.5		LS	TRAFFIC CONTROL	641.10	-			
						0.5				0.5		LS	PUBLIC RELATIONS OFFICER	641.12	-			
						2				2		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15				
						70				70		M	DURABLE 100 MM WHITE LINE, TYPE I TAPE	646.401	6			
						4720				4720		M	DURABLE 100 MM WHITE LINE, THERMOPLASTIC	646.402	50			
						10				10		M	DURABLE 100 MM YELLOW LINE, TYPE I TAPE	646.411	5			

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2304(1)S

FILE NAME: PD048
PROJECT MANAGER: WOOLAVER
DESIGNED BY: JLR
QUANTITY SHEET #1

PLOT DATE: 03/20/2007
DRAWN BY: JLR
CHECKED BY: JLR
SHEET 14 OF 103


QUANTITY SHEET 2


SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
							ROADWAY	ROADWAY (NO FED./ STATE PART.)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
							6200				6200		M	DURABLE 100 MM YELLOW LINE, THERMOPLASTIC	646.412	68			
							325				325		M	DURABLE 150 MM WHITE LINE, THERMOPLASTIC	646.422	4			
							90				90		M	DURABLE 600 MM STOP BAR, TYPE I TAPE	646.481	6			
							93				93		EACH	DURABLE LETTER OR SYMBOL, TYPE I TAPE	646.491	-			
							9570				9570		M	TEMPORARY 100 MM WHITE LINE, PAINT	646.602	101			
							12400				12400		M	TEMPORARY 100 MM YELLOW LINE, PAINT	646.612	125			
							650				650		M	TEMPORARY 150 MM WHITE LINE, PAINT	646.622	8			
							175				175		M	TEMPORARY 600 MM STOP BAR, PAINT	646.682	7			
							178				178		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-			
							400				400		M	TEMPORARY CROSSWALK MARKING, PAINT	646.702	8			
							490				490		EACH	LINE STRIPING TARGETS	646.76	6			
							15				15		KG	SEED	651.15	-			
							115				115		KG	FERTILIZER	651.18	-			
							1				1		T	AGRICULTURAL LIMESTONE	651.20	-			
							1				1		T	HAYMULCH	651.25	-			
							20				20		CM	TOPSOIL	651.35	-			
							61				61		SM	TRAFFIC SIGNS, TYPE A	675.20	0.96			
							133				133		KG	TUBULAR STEEL SIGN POST	675.33	0.8			
							340				340		M	SQUARE TUBE SIGN POST AND ANCHOR	675.341	4.2			
							2				2		EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-			
							94				94		EACH	REMOVING SIGNS	675.50	-			
							13				13		EACH	ERECTING SALVAGED SIGNS	675.60	-			
							0.5				0.5		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-			
							534				534		M	SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORZED)	900.640	8			
							130				130		SM	SPECIAL PROVISION (IMPRINTED/COLORIZED SURFACE)	900.675				
							7				7		SM	SPECIAL PROVISION (UNIT BLOCK RETAINING WALL)	900.675	0.6			

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2304(1)S

FILE NAME: PD048
PROJECT MANAGER: WOOLAVER
DESIGNED BY: JLR
QUANTITY SHEET #2


PLOT DATE: 03/20/2007
DRAWN BY: JLR
CHECKED BY: JLR
SHEET 15 OF 103

LOCATION			CURBED SIDEWALKS					DROP INLETS													MISC.		REMARKS				
STATION	STATION	POS.	203.15	203.16	301.28	616.28	616.40	618.10	604.40	604.412																604.42	629.20
			COMM. EXCAV.	SOLID ROCK EXCAV.	SUBBASE OF CR. GRAV. (FINE)	CAST IN-PLACE CONC. CURB TYPE B	REMOVING AND RESETTING CURB	PORT. CEM. CONC. SDWK. 125 mm	CHANGE ELEV. D.I.	REHAB. D.I. CLASS I													EA	EA			
MIDDLEBURY VT 30 ROADWAY			m3	m3	†	m	m	m2	EA	EA																	
																											FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER
0+885	2+897	RT<							38															12	39		
0+885	2+897	RT<			58.8																						SUBBASE FOR SHOULDERS
0+924	1+315	RT	40.4																								
1+650		LT	4.3		6.5	5.8		8.1																			CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
1+650		RT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
1+810		RT	5.3		7.9	6.6		10.7																			CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
1+819		RT	3.6		5.7	6.4		4.4																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
1+823		LT	3.6		5.7	6.4		4.4																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
1+823		RT	3.6		5.7	6.4		4.4																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
1+912		LT	4.3		6.7	7.2		6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
1+912		RT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+028		RT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+028		LT	4.3		6.7	7.2		6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+327		LT	4.3		6.7	7.2		6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+327		RT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+336		RT	3.0			7.2																					REMOVE EXISTING SIDEWALK, CONSTRUCT NEW CONCRETE CURB
2+370		RT	3.6		5.7	6.4		4.4																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+383		RT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+388		LT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+389		RT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+484		RT	3.6		5.7	6.4		4.4																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+493		RT	3.6		5.7	6.4		4.4																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+519		LT	3.9		5.8	5.8		7.1																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+532		LT	5.3		7.9	6.6		10.7																			CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
2+550		LT	4.4		6.8	6.0		7.8																			CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
2+550		RT	3.7		5.6	5.7		6.7																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+605		LT	4.3		6.7	7.2		6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+613		LT	4.3		6.7	4.2	3.0	6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+617		LT	4.8		7.2	5.7		9.6																			CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
2+617		RT	4.3		6.7	7.2		6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+623		RT	4.3		6.7	7.2		6.3																			CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+717		RT	3.9		5.8	5.8		7.1																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+718		LT	3.7		5.6	5.7		6.7																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+734		LT	3.7		5.6	5.7		6.7																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+736		RT	3.9		5.8	5.8		7.1																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+776		RT	4.8			5.7		9.6																			CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
2+823		RT	6.0		7.5	2.1		17.2																			CONSTRUCT SIDEWALK RAMP TYPE 3 W/ DETECTABLE WARNING SURFACE
2+828		LT	3.7		5.6	5.7		6.7																			CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE
2+853	2+859	LT	7.2		14.2	11.9		3.8																			CONSTRUCT SIDEWALK RAMP W/ DETECTABLE WARNING SURFACE
SUBTOTAL			194.5		285.3	225.6	3.0	250.7	38															12	39		
ITEM DETAIL SHEET 1			PROJECT : MIDDLEBURY										PROJECT NO. : STP 2304(IIS)														
			DESIGN FILE NAME: /pave/01d048/pd048.dgn										PLOT DATE: *****DATE*														
			IPARM FILE NAME: pd0481d01.i										SURVEY DATE: 10/03														
			PROJECT LEADER: PTS										DRAWN BY: MRS														
			pd048.dgn										SHEET: 16 OF 103														

LOCATION			CURBED SIDEWALKS						DROP INLETS				MISC.				REMARKS		
STATION	STATION	POS.	203.15 COMM. EXCAV.	203.16 SOLID ROCK EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.28 CAST IN-PLACE CONC. CURB TYPE B	616.40 REMOVING AND RESETTING CURB	618.10 PORT. CEM. CONC. SDWK. 125 mm	604.40 CHANGE ELEV. D.I.	604.412 REHAB. D.I. CLASS I									604.42 CHANGE ELEV. OF SMH EA
MIDDLEBURY VT 30			m3 11.2	m3 1.4	† 20.0	m	m	m2 34.7	EA	EA									
2+868	2+871	LT																	CONSTRUCT SIDEWALK RAMP W/ DETECTABLE WARNING SURFACE, REMOVE EXISTING STAIRS
2+887		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
2+893		LT	12.9		18.1	11.3		32.7											CONSTRUCT SIDEWALK RAMP TYPE 4 W/ DETECTABLE WARNING SURFACE
SHEET 2 SUBTOTAL			27.7	1.4	43.8	17.7		71.8											
MIDDLEBURY VT 125																			
0+538	I+637	RT<							34	I							12	5	FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER
0+538	I+637	RT<			8.8														SUBBASE FOR SHOULDERS
0+695		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
0+695		LT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
0+758		LT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
0+758		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
0+766		RT	5.3		7.9	6.6		10.7											CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
0+774		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
0+814	0+837	LT	16.2		24.0	22.8		30.8											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
0+820		RT	4.3		6.5	5.8		8.1											CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
0+835		RT	4.3		6.5	5.8		8.1											CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
0+858	0+865	RT	5.3		8.0	7.4		10.0											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
0+858	0+865	LT	5.3		7.9	7.3		9.9											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
0+903	0+912	LT	6.1		9.1	8.5		11.5											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
0+903	0+912	RT	6.1		9.1	8.5		11.5											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
0+922		LT	4.8		7.2	5.7		9.6											CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
0+954	0+961	LT	4.4		6.6	6.1		8.2											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
0+954	0+961	RT	4.4		6.6	6.1		8.2											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+053	I+059	LT	4.4		6.6	6.1		8.2											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+053	I+059	RT	4.4		6.6	6.1		8.2											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+106	I+112	RT	4.4		6.5	6.0		8.1											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+106	I+112	LT	4.4		6.5	6.0		8.1											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+219		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
I+227		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
I+228		LT	4.8		7.2	5.7		9.6											CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
I+234		LT	5.3		7.9	6.6		10.7											CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE
I+380	I+389	RT	8.2		12.6	11.1		14.0											CONSTRUCT SIDEWALK & RAMP W/ DETECTABLE WARNING SURFACE
I+389		LT	4.4		6.8	6.0		7.8											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+437		LT	4.4		6.8	6.0		7.8											CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE
I+437		RT	3.6		5.7	6.4		4.4											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
I+469		LT	4.3		6.7	7.2		6.3											CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE
SUBTOTAL VT 125			144.3	0.0	228.0	208.6	0	250.6	34	I							12	5	
ROADWAY																			
VT 30 SUBTOTAL			222.2	1.4	329.1	243.3	3.0	322.5	38	0							12	39	
VT 125 SUBTOTAL			144.3	0.0	228.0	208.6	0	250.6	34	I							12	5	
ROUNDING			3.5	0.6	7.9	8.1	0	6.9	0	0							0	0	
TOTAL			370.0	2.0	565.0	460.0	3.0	580.0	72	I							24	44	

**ITEM
DETAIL
SHEET 2**

PROJECT :	MIDDLEBURY	PROJECT NO. :	STP 2304(I)S
DESIGN FILE NAME:	/pave/01d048/pd048.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	pd0481d02.1	SURVEY DATE:	10/03
PROJECT LEADER:	PTS	DRAWN BY:	MRS
		SHEET:	17 OF 103

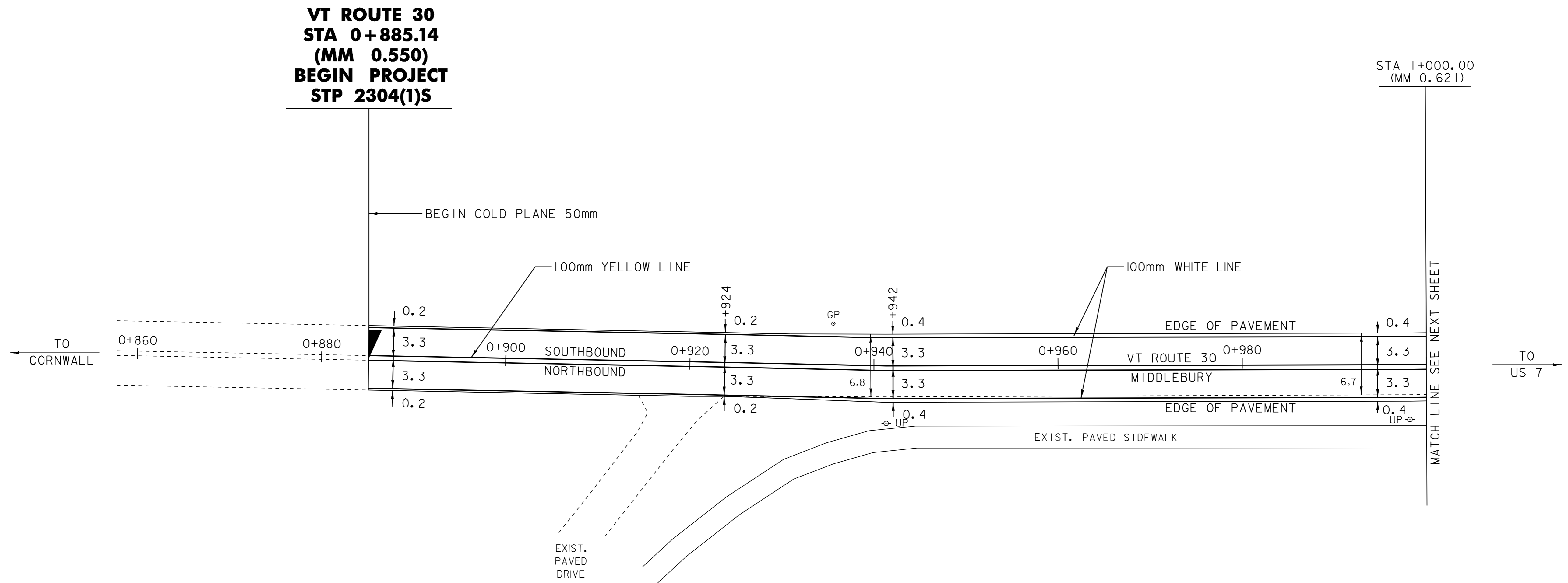
LOCATION			CURBED SIDEWALKS					DROP INLETS													MISC.		REMARKS					
STATION	STATION	POS.	203.15 COMM. EXCAV.	203.16 SOLID ROCK EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.28 CAST IN-PLACE CONC. CURB TYPE B	616.40 REMOVING AND RESETTING CURB	618.10 PORT. CEM. CONC. SDWK. 125 mm	604.40 CHANGE ELEV. D.I.	604.412 REHAB. D.I. CLASS I																		604.42 CHANGE ELEV. OF SMH EA
MIDDLEBURY VT 30 ROADWAY (NO FED./STATE PARTICIPATION)			m3	m3	+	m	m	m2	EA	EA																		
2+515	2+518	LT	4.3		8.6	11.2		5.2																				CONSTRUCT BULB-OUT
2+760	2+773	RT	11.7		17.9	11.9		23.8																				REMOVE EXISTING SIDEWALK, CONSTRUCT NEW SIDEWALK
2+837	2+858	LT	8.0		13.9	24.1																						
2+850	2+871	RT	11.6		19.9	34.6																						
2+869	2+898	LT	10.2		17.5	30.5																						
2+874	2+894	RT	13.4		23.1	40.2																						
MIDDLEBURY VT 125 ROADWAY (NO FED./STATE PARTICIPATION)																												
0+589	0+611	RT	7.3			23.0																						
0+616	0+641	LT	8.3			26.0																						MATCH TO EXISTING @ 0+641
0+617	0+641	RT	8.0			25.0																						MATCH TO EXISTING @ 0+641
ROADWAY (NO FED./STATE PARTICIPATION)																												
SHEET 3 SUBTOTAL			82.8		100.9	226.5		29.0																				
ROUNDING			2.2		4.1	3.5		1.0																				
TOTAL			85.0		105.0	230.0		30.0																				
PROJECT SUBTOTAL			449.3	1.4	658.0	678.4	3.0	602.1	72	1															24	44		
PROJECT ROUNDING			5.7	0.6	12.0	11.6	0	7.9	0	0															0	0		
PROJECT TOTAL			455.0	2.0	670.0	690.0	3.0	610.0	72	1															24	44		

ITEM DETAIL SHEET 3	PROJECT :	MIDDLEBURY	PROJECT NO. :	STP 2304(I)S
	DESIGN FILE NAME:	/pave/01d048/pd048.dgn	PLOT DATE:	06-OCT-2008
	IPARM FILE NAME:	pd0481d03.1	SURVEY DATE:	10/03
	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		pd048.dgn	SHEET:	18 OF 103

TEMPORARY 100mm WHITE LINE, PAINT
DURABLE 100mm WHITE LINE, THERMOPLASTIC
STA 0+885 TO 1+000 SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
DURABLE 100mm YELLOW LINE, THERMOPLASTIC
STA 0+885 TO 1+000 SOLID LT & RT

* NOTE
STA 0+924 TO 1+000 HOLD LEFT
EDGE OF PAVEMENT AND WIDEN
ON RIGHT SIDE ONLY.



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK

PAVING LAYOUT 1	
PROJECT NAME: MIDDLEBURY	PROJECT NUMBER: STP 2304(1)S
FILE NAME: /pave/0ld048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:00
PROJECT LEADER: PTS	DRAWN BY: MRS
IPARM FILE NAME: pd048I01.I	CHECKED BY: NLL
	SHEET 19 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+000 TO 1+063 SOLID RT
 STA 1+000 TO 1+140 SOLID LT
 STA 1+094 TO 1+140 SOLID RT

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE ITAPE
 STA 1+078 TO 1+085 RT

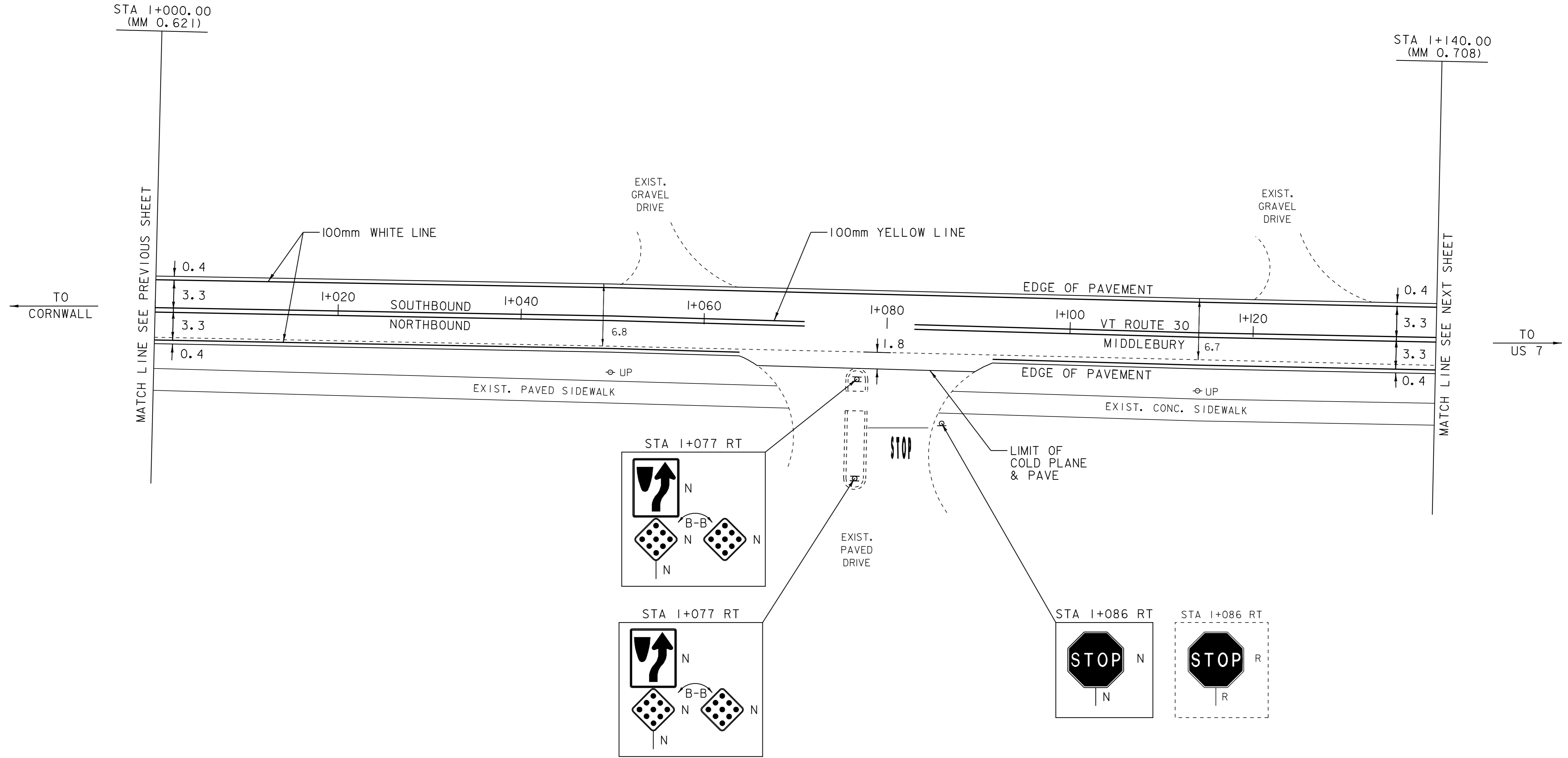
TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 STA 1+080 RT - "STOP"

REMOVING SIGNS
 AS SHOWN - 1



TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+000 TO 1+071 DOUBLE SOLID RT
 STA 1+083 TO 1+140 DOUBLE SOLID RT

* NOTE
 STA 1+000 TO 1+140 HOLD LEFT
 EDGE OF PAVEMENT AND WIDEN
 ON RIGHT SIDE ONLY.



NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

LEGEND

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

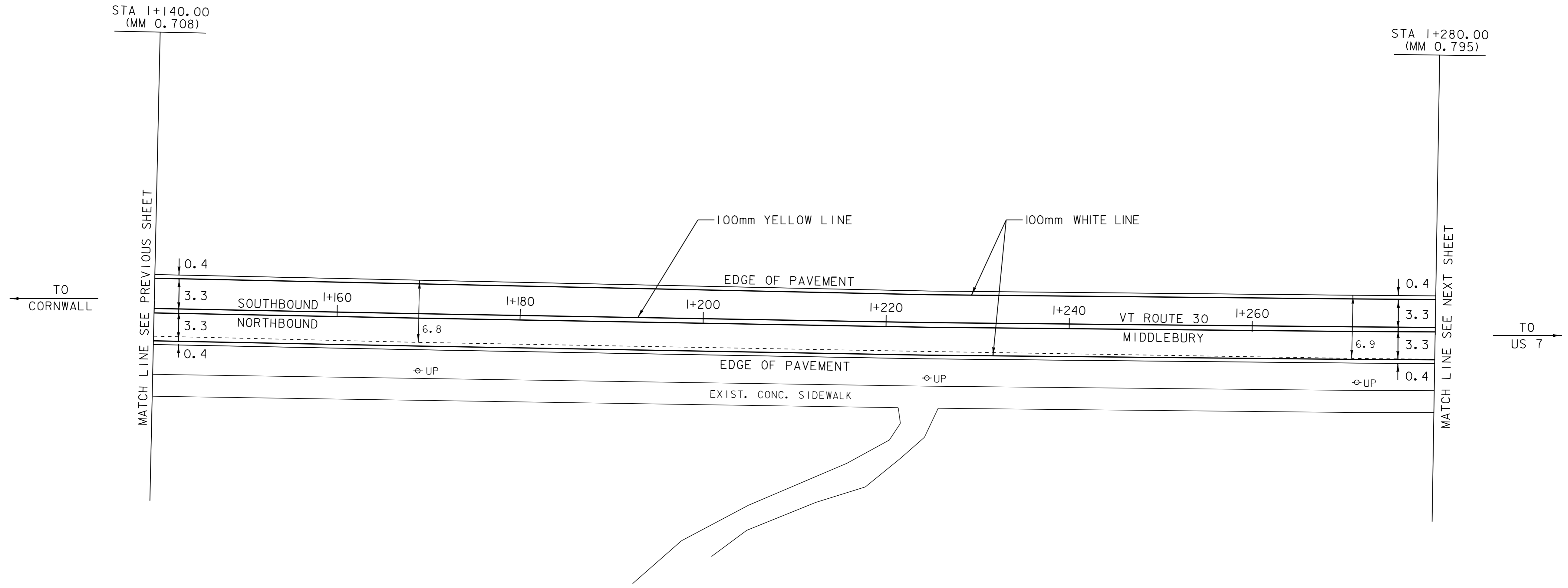
PAVING LAYOUT 2

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048i02.i
PLOT DATE:	06-OCT-2008 13:00
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	20 OF 103

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+140 TO 1+280 SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+140 TO 1+280 SOLID LT & RT

* NOTE
 STA 1+140 TO 1+280 HOLD LEFT
 EDGE OF PAVEMENT AND WIDEN
 ON RIGHT SIDE ONLY.



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK

PAVING LAYOUT 3	
PROJECT NAME: MIDDLEBURY	PROJECT NUMBER: STP 2304(I)S
FILE NAME: /pave/01d048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:00
PROJECT LEADER: PTS	DRAWN BY: MRS
IPARM FILE NAME: pd048i03.i	CHECKED BY: NLL
	SHEET 21 OF 103

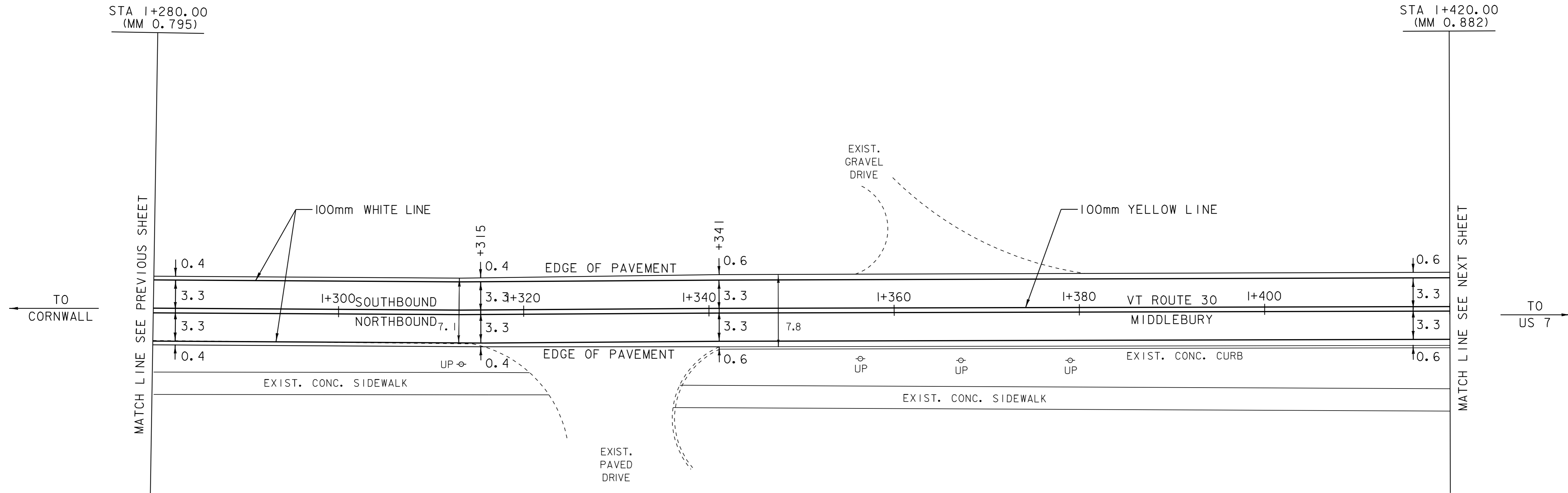
NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+280 TO 1+420 SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+280 TO 1+420 SOLID LT & RT

* NOTE
 STA 1+280 TO 1+313 HOLD LEFT
 EDGE OF PAVEMENT AND WIDEN
 ON RIGHT SIDE ONLY.



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK

PAVING LAYOUT 4	
PROJECT NAME: MIDDLEBURY	PROJECT NUMBER: STP 2304(I)S
FILE NAME: /pave/0ld048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:00
PROJECT LEADER: PTS	DRAWN BY: MRS
IPARM FILE NAME: pd048i04.i	CHECKED BY: NLL
	SHEET 22 OF 103

NOT TO SCALE

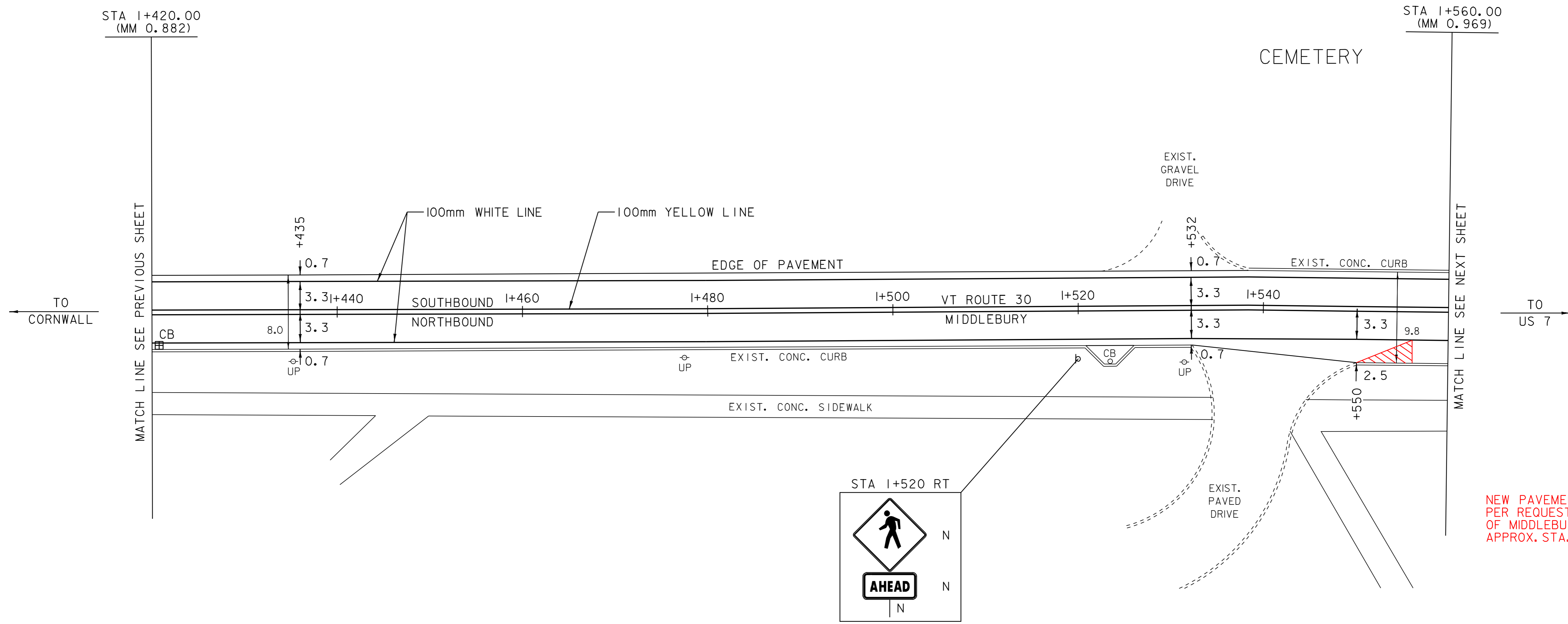
NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+420 TO 1+560 SOLID LT & RT

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 1+421 RT (CB)

* NOTE
 STA 1+550 TO STA 1+560 RT
 NO PARKING ALLOWED. LOCATION OF
 EXISTING "NO PARKING" SIGNS NOT
 SHOWN ON THESE PLANS.

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+420 TO 1+560 SOLID LT & RT



NEW PAVEMENT STALLS
 PER REQUEST OF THE TOWN
 OF MIDDLEBURY
 APPROX. STA. 1+555 RT



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK

PAVING LAYOUT 5	
PROJECT NAME: MIDDLEBURY	PROJECT NUMBER: STP 2304(I)S
FILE NAME: /pave/0ld048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:00
PROJECT LEADER: PTS	DRAWN BY: MRS
IPARM FILE NAME: pd048i05.i	CHECKED BY: NLL
	SHEET 23 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+560 TO 1+649 SOLID LT
 STA 1+560 TO 1+649 SOLID RT
 STA 1+651 TO 1+700 SOLID RT
 STA 1+651 TO 1+700 SOLID LT

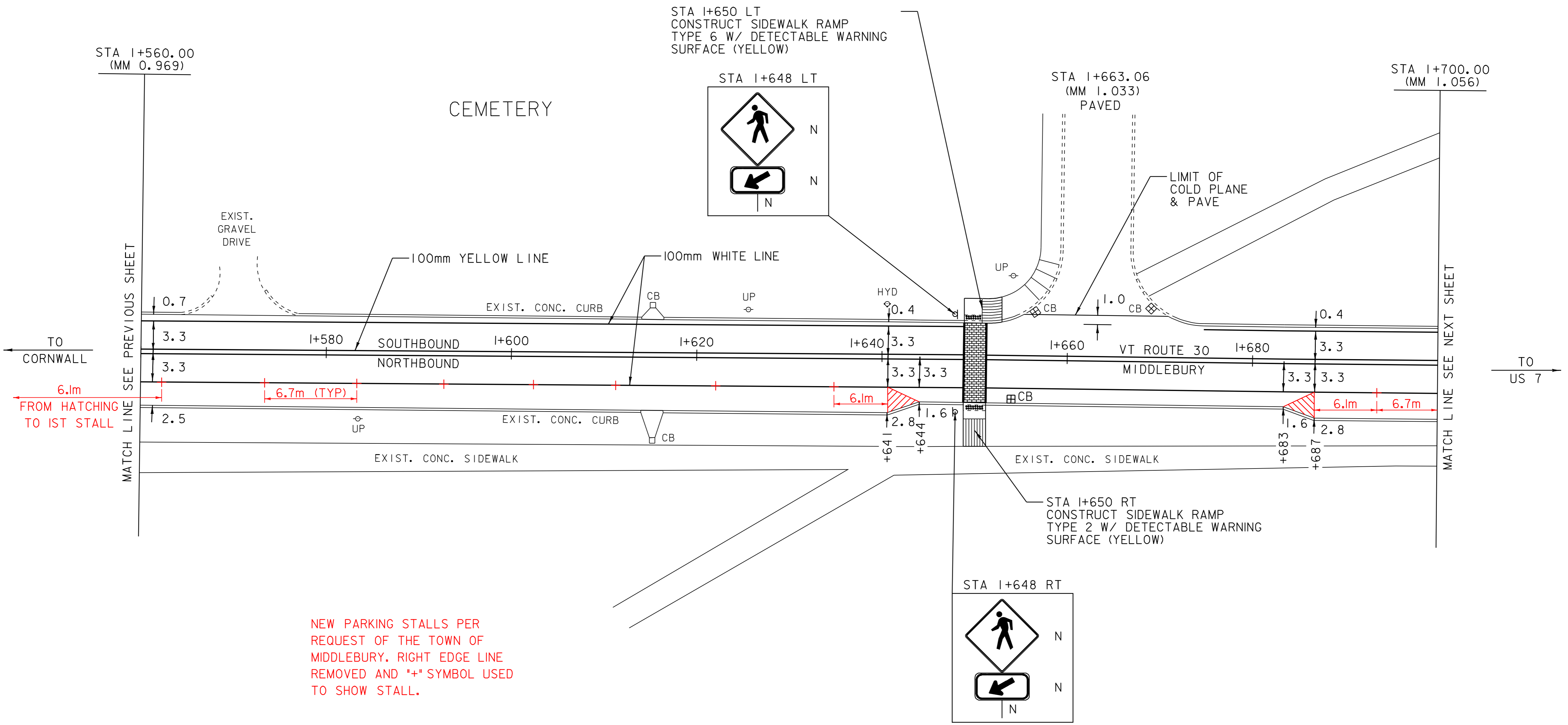
TEMPORARY CROSSWALK MARKING, PAINT
 STA 1+650 LT TO RT
 SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 1+650 LT TO RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 1+650 LT (TYPE 6)
 STA 1+650 RT (TYPE 2)

CHANGING ELEVATION OF DROP INLET,
 CATCH BASINS, OR MANHOLES
 STA 1+654 RT (CB)

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+560 TO 1+649 SOLID LT & RT
 STA 1+651 TO 1+700 SOLID LT & RT

* NOTE
 STA 1+560 TO STA 1+700 RT
 NO PARKING ALLOWED. LOCATION OF
 EXISTING "NO PARKING" SIGNS NOT
 SHOWN ON THESE PLANS.



NEW PARKING STALLS PER
 REQUEST OF THE TOWN OF
 MIDDLEBURY. RIGHT EDGE LINE
 REMOVED AND "*" SYMBOL USED
 TO SHOW STALL.

LEGEND

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

PAVING LAYOUT 6

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048i06.1
PLOT DATE:	06-OCT-2008 13:00
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	24 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+700 TO 1+801 SOLID LT
 STA 1+700 TO 1+804 SOLID RT
 STA 1+824 TO 1+840 SOLID LT & RT

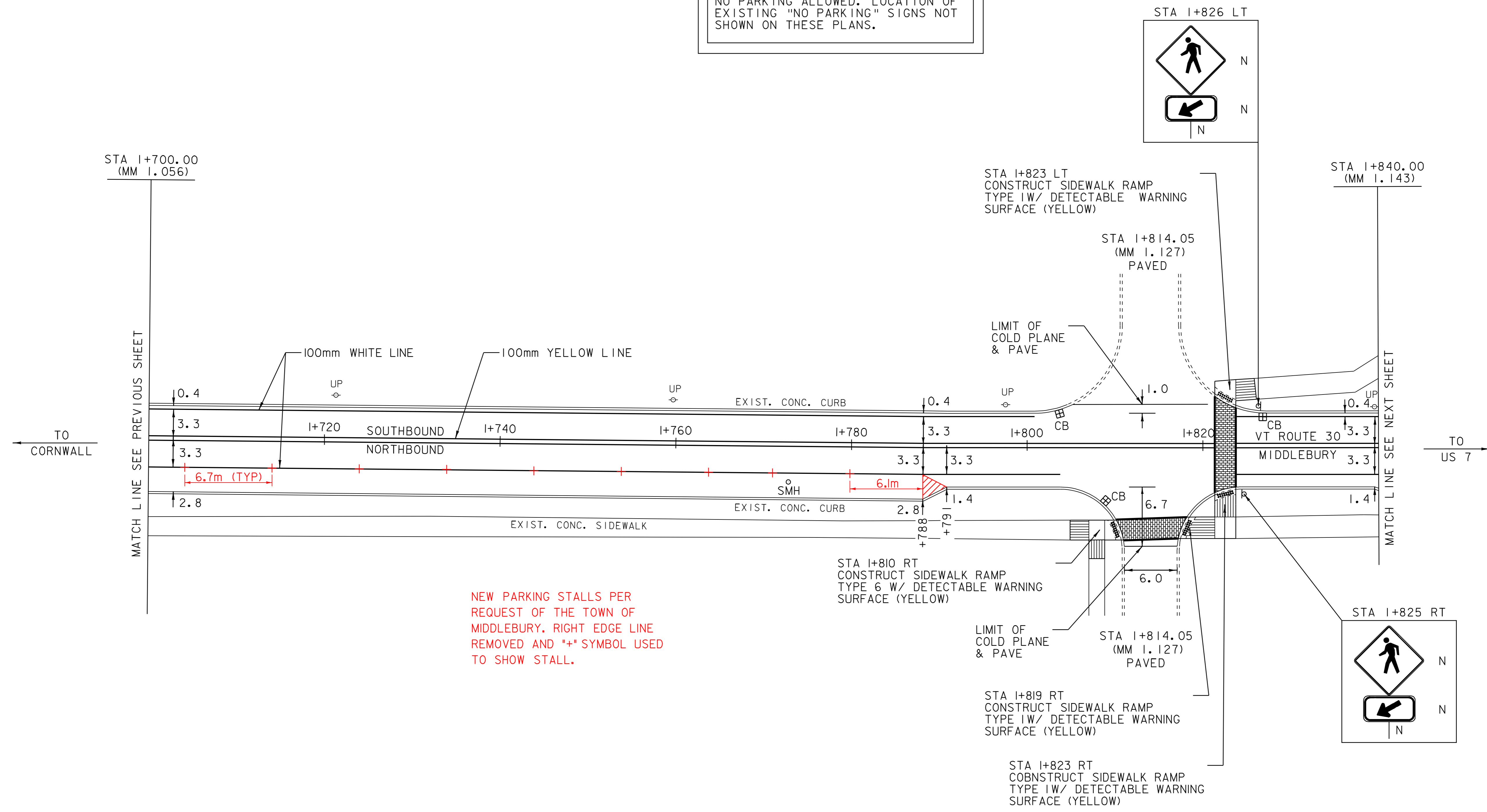
TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+700 TO 1+821 SOLID LT & RT
 STA 1+824 TO 1+840 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
 STA 1+810 TO 1+819 RT
 STA 1+823 LT TO RT
 SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 1+810 TO 1+819 RT
 STA 1+823 LT TO RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 1+810 RT (TYPE 6)
 STA 1+819 RT (TYPE 1)
 STA 1+823 LT (TYPE 1)
 STA 1+823 RT (TYPE 1)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 1+804 LT (CB)
 STA 1+809 RT (CB)
 STA 1+827 LT (CB)
 CHANGING ELEVATION OF SEWER MANHOLES
 STA 1+773 RT

* NOTE
 STA 1+700 TO STA 1+840 RT
 NO PARKING ALLOWED. LOCATION OF
 EXISTING "NO PARKING" SIGNS NOT
 SHOWN ON THESE PLANS.



NEW PARKING STALLS PER
 REQUEST OF THE TOWN OF
 MIDDLEBURY. RIGHT EDGE LINE
 REMOVED AND "+" SYMBOL USED
 TO SHOW STALL.

LEGEND

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

PAVING LAYOUT 7

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/0ld048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048i07.i
PLOT DATE:	06-OCT-2008 13:0
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	25 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+840 TO 1+910 SOLID LT & RT
 STA 1+913 TO 1+935 SOLID RT
 STA 1+913 TO 1+980 SOLID LT
 STA 1+930 TO 1+935 SOLID RT NO PARKING
 STA 1+960 TO 1+965 SOLID RT NO PARKING
 STA 1+972 TO 1+978 SOLID RT NO PARKING

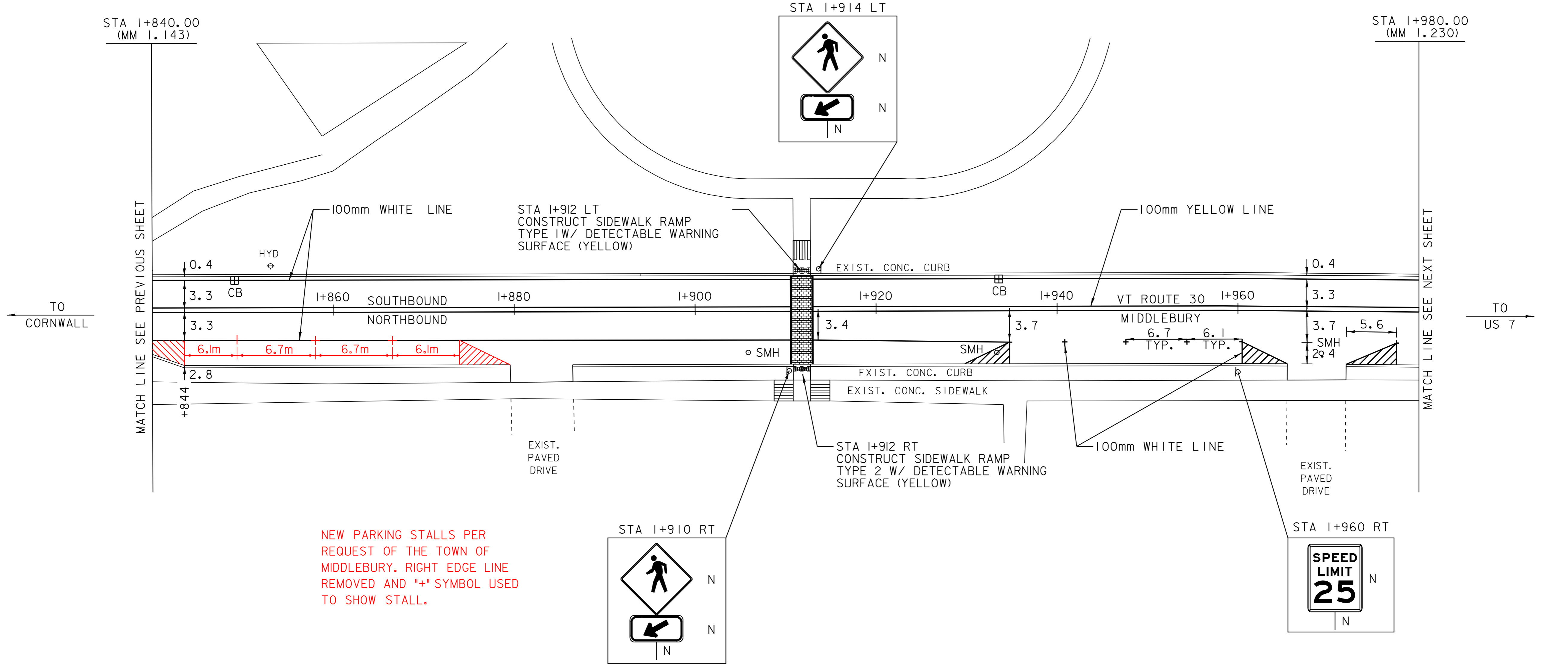
TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+840 TO 1+910 SOLID LT & RT
 STA 1+913 TO 1+980 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
 STA 1+912 LT TO RT
 SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 1+912 LT TO RT
 CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 1+912 LT (TYPE 1)
 STA 1+912 RT (TYPE 2)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 1+849 LT (CB)
 STA 1+933 LT (CB)
 CHANGING ELEVATION OF SEWER MANHOLES
 STA 1+906 RT
 STA 1+933 RT
 STA 1+969 RT

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 1+935 TO 1+960 TARGETS RT PARKING
 STA 1+978 TO 1+980 TARGETS RT PARKING

* NOTE
 STA 1+840 TO STA 1+935 RT
 NO PARKING ALLOWED. LOCATION OF
 EXISTING "NO PARKING" SIGNS NOT
 SHOWN ON THESE PLANS.



NEW PARKING STALLS PER
 REQUEST OF THE TOWN OF
 MIDDLEBURY. RIGHT EDGE LINE
 REMOVED AND "+" SYMBOL USED
 TO SHOW STALL.

UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

LEGEND

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

PAVING LAYOUT 8

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048i08.i
PLOT DATE:	06-OCT-2008 13:0
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	26 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

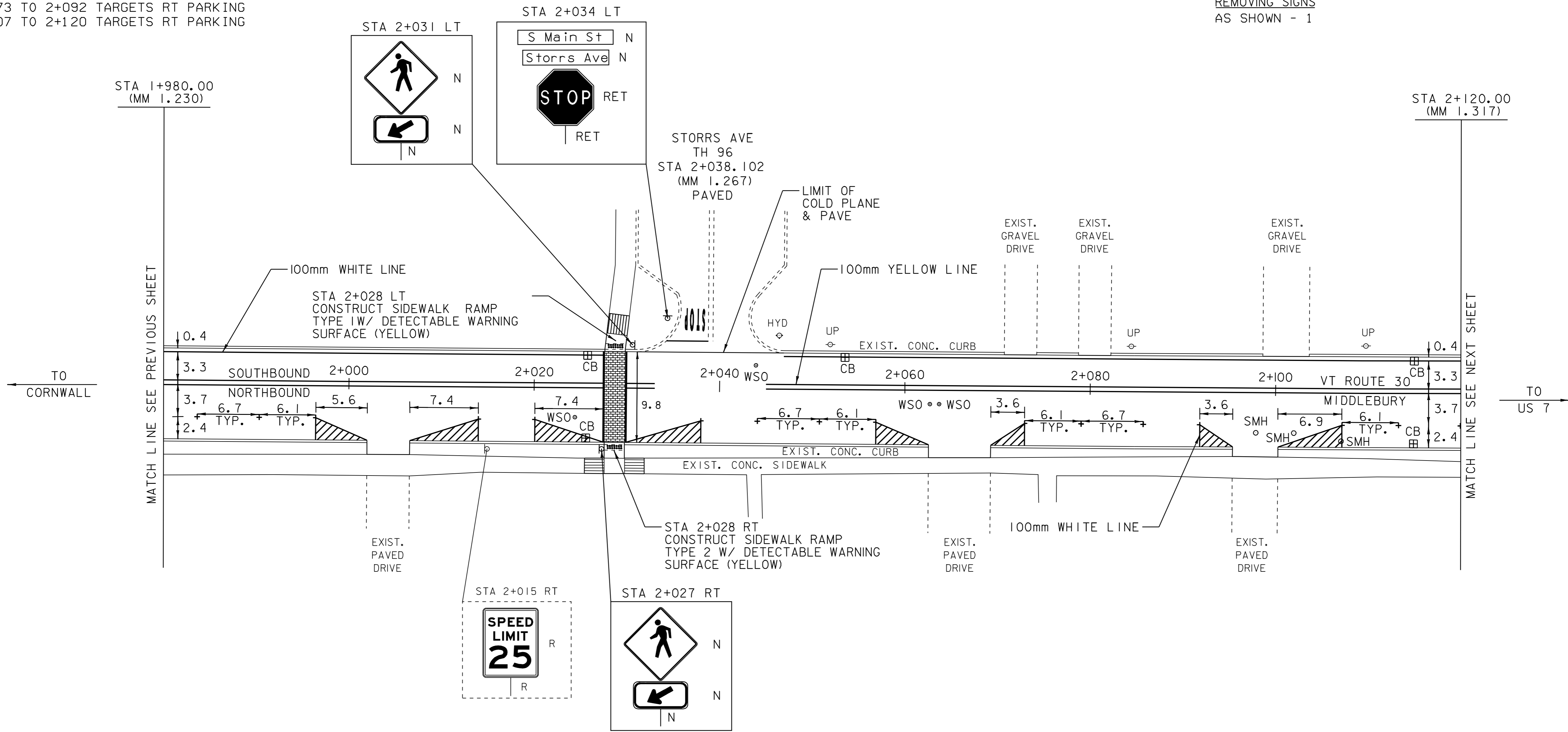
TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+980 TO 2+027 SOLID LT
 STA 1+996 TO 2+002 SOLID RT NO PARKING
 STA 2+007 TO 2+014 SOLID RT NO PARKING
 STA 2+020 TO 2+027 SOLID RT NO PARKING
 STA 2+030 TO 2+038 SOLID RT NO PARKING
 STA 2+047 TO 2+120 SOLID LT
 STA 2+057 TO 2+063 SOLID RT NO PARKING
 STA 2+070 TO 2+074 SOLID RT NO PARKING
 STA 2+093 TO 2+097 SOLID RT NO PARKING
 STA 2+100 TO 2+107 SOLID RT NO PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+980 TO 2+027 SOLID LT & RT
 STA 2+030 TO 2+033 SOLID LT & RT
 STA 2+045 TO 2+120 SOLID LT & RT
 TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE ITAPE
 STA 2+034 TO 2+039 LT (TH 96)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 STA 2+039 LT - "STOP" (TH 96)
 TEMPORARY CROSSWALK MARKING, PAINT
 STA 2+028 LT TO RT
 SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 2+028 LT TO RT
 CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 2+028 LT (TYPE 1)
 STA 2+028 RT (TYPE 2)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 2+026 LT (CB)
 STA 2+026 RT (CB)
 STA 2+053 LT (CB)
 STA 2+115 LT (CB)
 STA 2+115 RT (CB)
 CHANGING ELEVATION OF SEWER MANHOLES
 STA 2+082 RT
 STA 2+102 RT
 STA 2+107 RT
 ADJUST ELEVATION OF VALVE BOX
 STA 2+024 RT
 STA 2+044 LT
 STA 2+063 RT
 STA 2+064 RT
 REMOVING SIGNS
 AS SHOWN - 1

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 1+980 TO 1+996 TARGETS RT PARKING
 STA 2+014 TO 2+020 TARGETS RT PARKING
 STA 2+038 TO 2+057 TARGETS RT PARKING
 STA 2+073 TO 2+092 TARGETS RT PARKING
 STA 2+107 TO 2+120 TARGETS RT PARKING



UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

LEGEND

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

PAVING LAYOUT 9

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PLOT DATE:	06-OCT-2008 13:00
PROJECT LEADER:	PTS
DRAWN BY:	MRS
IPARM FILE NAME:	pd048i09.1
CHECKED BY:	NLL
SHEET	27 OF 103

NOT TO SCALE NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 2+120 TO 2+260 SOLID LT
 STA 2+126 TO 2+133 SOLID RT NO PARKING
 STA 2+139 TO 2+144 SOLID RT NO PARKING
 STA 2+150 TO 2+155 SOLID RT NO PARKING
 STA 2+159 TO 2+161 SOLID RT NO PARKING
 STA 2+187 TO 2+189 SOLID RT NO PARKING
 STA 2+191 TO 2+194 SOLID RT NO PARKING
 STA 2+233 TO 2+236 SOLID RT NO PARKING
 STA 2+243 TO 2+247 SOLID RT NO PARKING

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 2+120 TO 2+126 TARGETS RT PARKING
 STA 2+144 TO 2+150 TARGETS RT PARKING
 STA 2+161 TO 2+187 TARGETS RT PARKING
 STA 2+194 TO 2+233 TARGETS RT PARKING
 STA 2+247 TO 2+260 TARGETS RT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 2+120 TO 2+260 SOLID LT & RT

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES

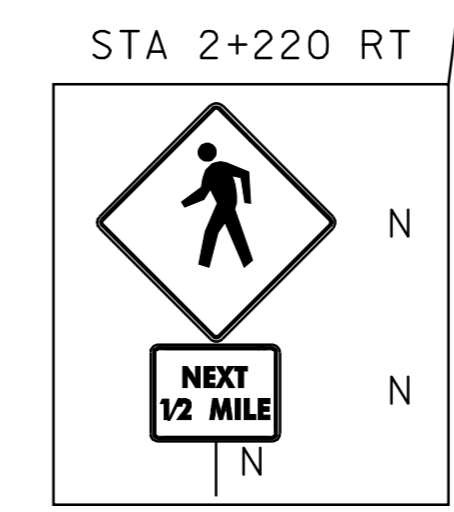
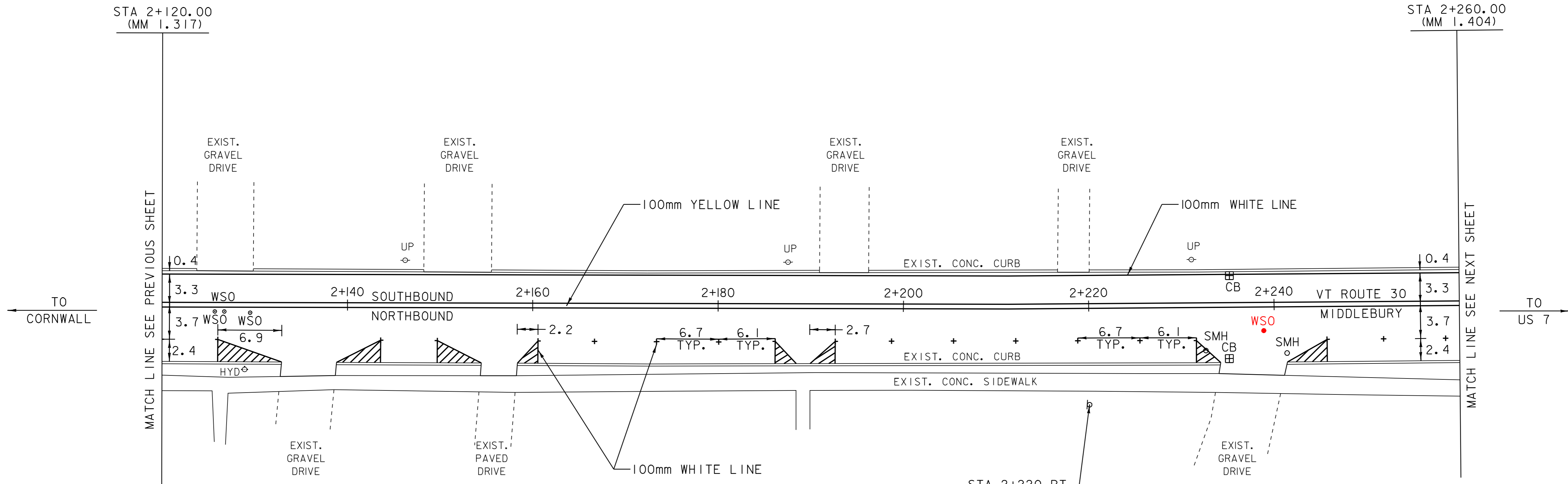
STA 2+235 LT (CB)
 STA 2+235 RT (CB)

CHANGING ELEVATION OF SEWER MANHOLES

STA 2+233 RT
 STA 2+241 RT

ADJUST ELEVATION OF VALVE BOX

STA 2+126 RT
 STA 2+127 RT
 STA 2+130 RT
 STA 2+239 RT



UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

LEGEND

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

PAVING LAYOUT 10

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048II0.1
PLOT DATE:	06-OCT-2008 13:00
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	28 OF 103

NOT TO SCALE NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
DURABLE 100mm WHITE LINE, THERMOPLASTIC

- STA 2+260 TO 2+286 SOLID LT
- STA 2+285 TO 2+289 SOLID RT NO PARKING
- STA 2+295 TO 2+298 SOLID RT NO PARKING
- STA 2+316 TO 2+326 SOLID LT NO PARKING
- STA 2+316 TO 2+326 SOLID RT NO PARKING
- STA 2+328 TO 2+334 SOLID LT NO PARKING
- STA 2+328 TO 2+332 SOLID RT NO PARKING
- STA 2+358 TO 2+368 SOLID RT NO PARKING
- STA 2+380 TO 2+386 SOLID LT NO PARKING
- STA 2+388 TO 2+394 SOLID LT NO PARKING
- STA 2+390 TO 2+396 SOLID RT NO PARKING

TEMPORARY 100mm WHITE LINE, PAINT

- STA 2+390 TO 2+402 SOLID LT LANE LINE
- STA 2+402 TO 2+410 DOTTED LT LANE LINE

DURABLE 100mm WHITE LINE, TYPE ITAPE

- STA 2+390 TO 2+402 SOLID LT LANE LINE
- STA 2+402 TO 2+410 DOTTED LT LANE LINE

TEMPORARY 150mm WHITE LINE, PAINT
DURABLE 150mm WHITE LINE, THERMOPLASTIC

- STA 2+260 TO 2+285 TARGETS RT PARKING
- STA 2+298 TO 2+316 TARGETS RT PARKING
- STA 2+332 TO 2+358 TARGETS RT PARKING
- STA 2+334 TO 2+380 TARGETS LT PARKING
- STA 2+394 TO 2+410 TARGETS LT PARKING
- STA 2+396 TO 2+410 TARGETS RT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
DURABLE 100mm YELLOW LINE, THERMOPLASTIC

- STA 2+260 TO 2+297 SOLID LT & RT
- STA 2+295 DOUBLE SOLID LT (TH 57)
- STA 2+309 TO 2+326 SOLID LT & RT
- STA 2+329 TO 2+377 SOLID LT & RT
- STA 2+358 TO 2+377 DOUBLE SOLID RT
- STA 2+390 TO 2+410 DOUBLE SOLID RT
- STA 2+391 DOUBLE SOLID RT (TH 6)

TEMPORARY CROSSWALK MARKING, PAINT

- STA 2+327 LT TO RT
- STA 2+370 TO 2+383 RT (TH 6)
- STA 2+388 LT TO 2+389 RT

SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, IMPRINTED/COLORIZED)

- STA 2+327 LT TO RT
- STA 2+370 TO 2+383 RT (TH 6)
- STA 2+388 LT TO 2+389 RT

TEMPORARY 600mm STOP BAR, PAINT
DURABLE 600mm STOP BAR, TYPE ITAPE

- STA 2+288 TO 2+294 LT (TH 57)
- STA 2+373 TO 2+377 RT (TH 6)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, TYPE ITAPE

- STA 2+295 LT - "STOP" (TH 57)
- STA 2+358 LT - DISABLED MARKING
- STA 2+391 RT - "STOP" (TH 6)
- STA 2+401 RT - ARROW MARKING

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
WARNING SURFACE (YELLOW)

- STA 2+327 LT (TYPE 1)
- STA 2+327 RT (TYPE 2)
- STA 2+370 RT (TYPE 1) (TH 6)
- STA 2+383 RT (TYPE 2) (TH 6)
- STA 2+388 LT (TYPE 2)
- STA 2+389 RT (TYPE 2)

CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES

- STA 2+332 LT (CB)
- STA 2+356 LT (CB)
- STA 2+360 RT (CB)
- STA 2+378 RT (CB) (TH 6) - DID NOT TOUCH
- STA 2+332 RT (CB)

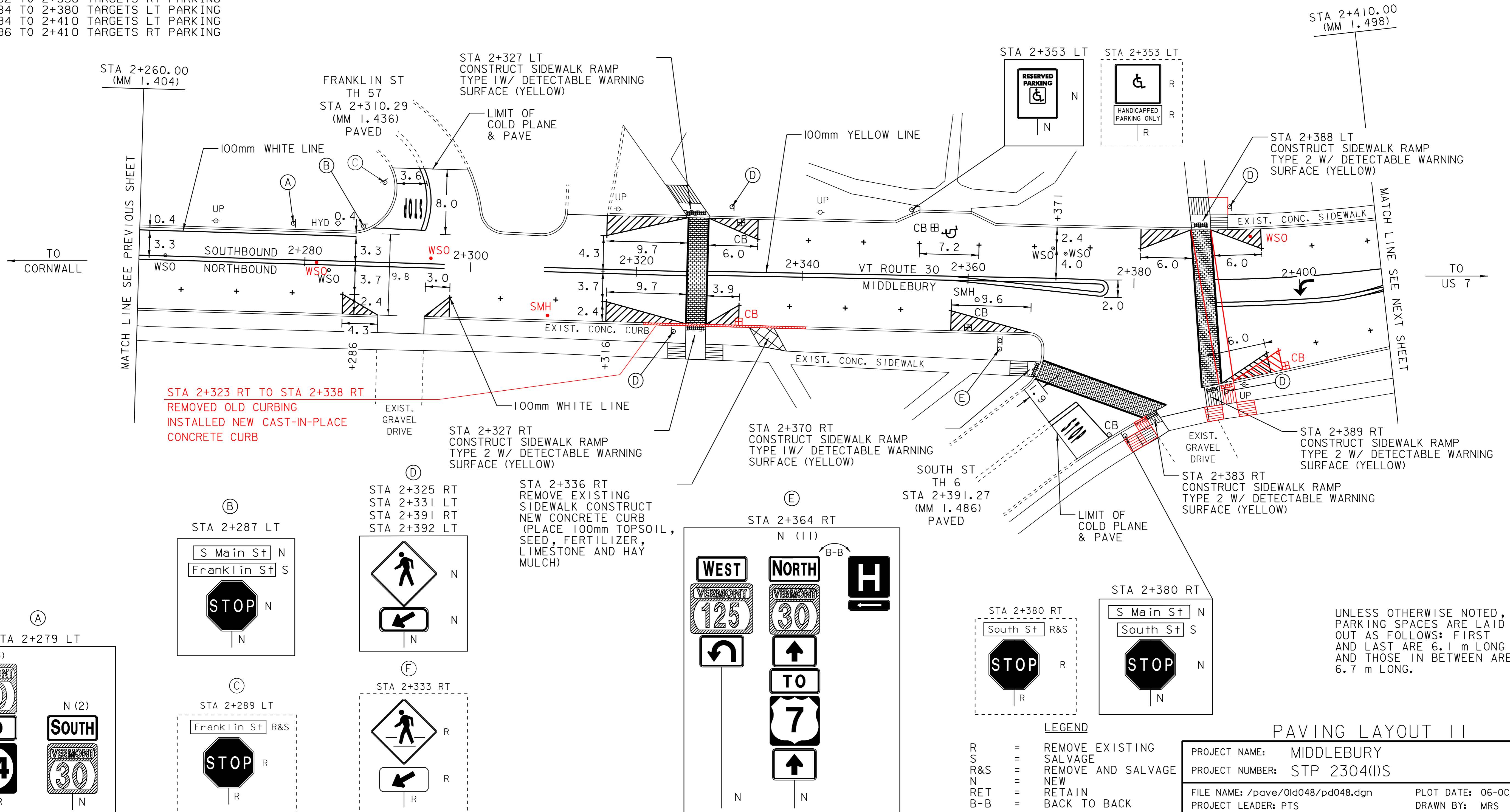
CHANGING ELEVATION OF SEWER MANHOLES

- STA 2+361 RT
- STA 2+313 RT
- ADJUST ELEVATION OF VALVE BOX

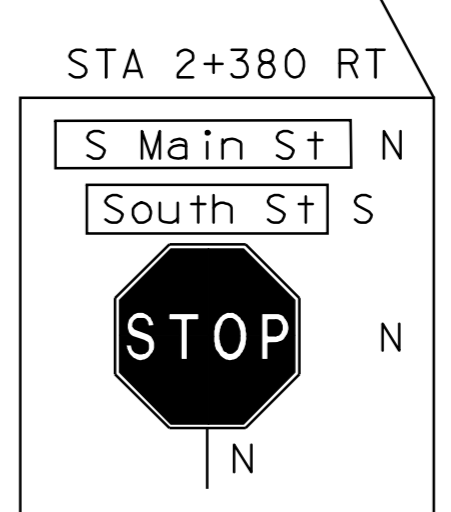
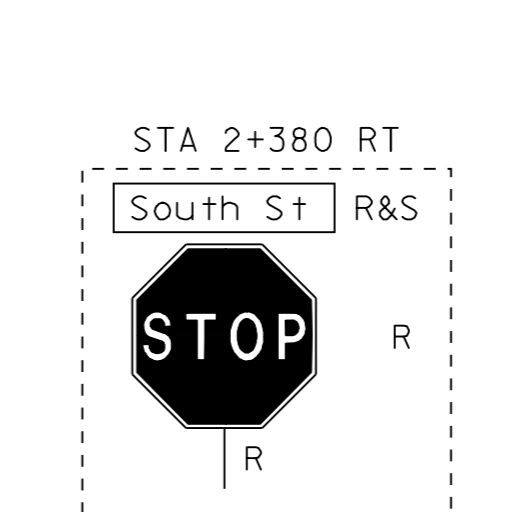
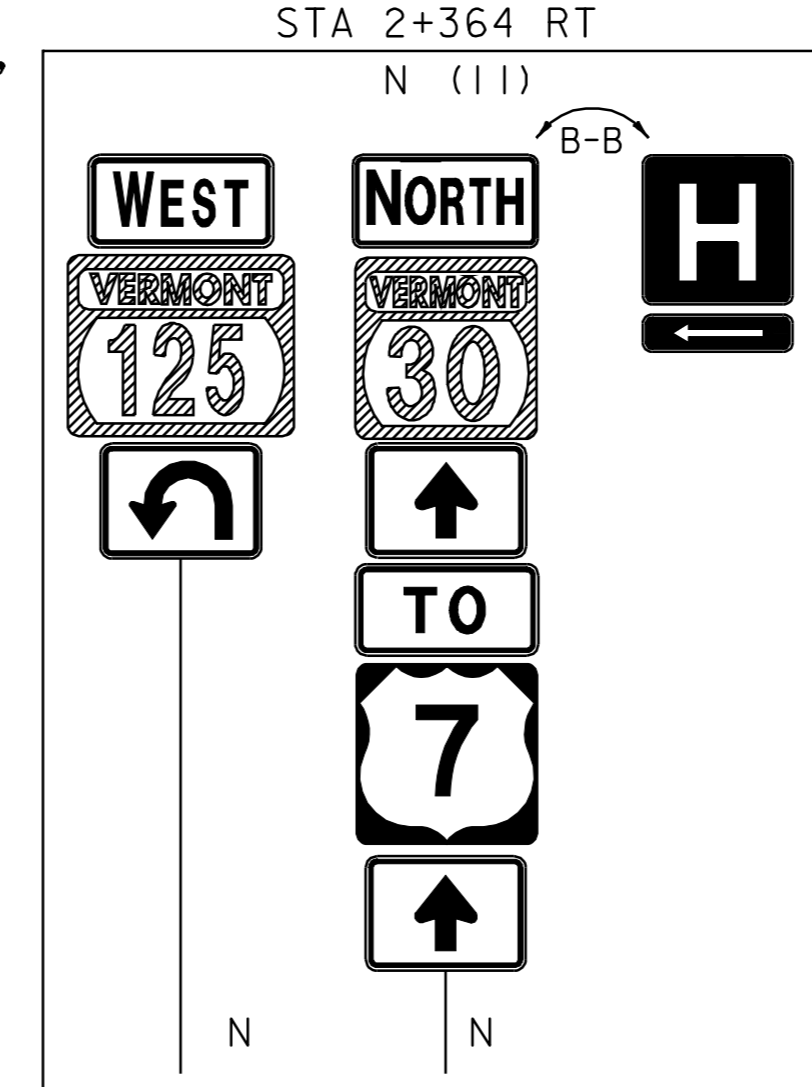
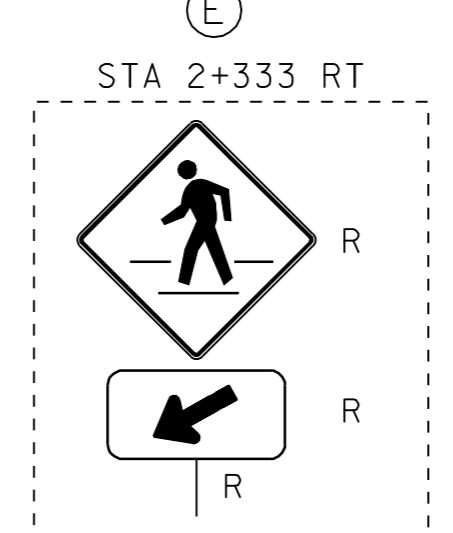
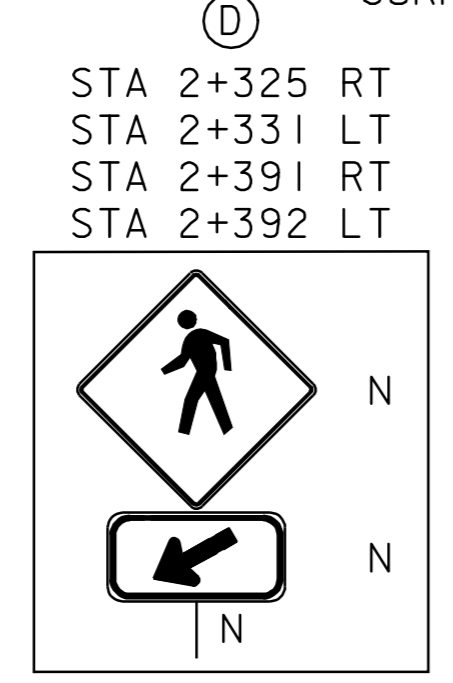
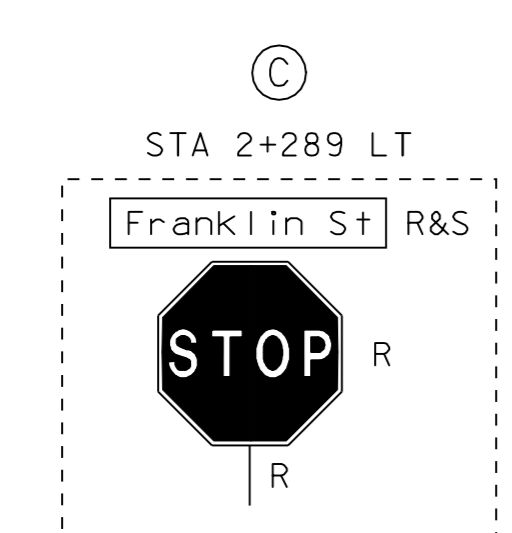
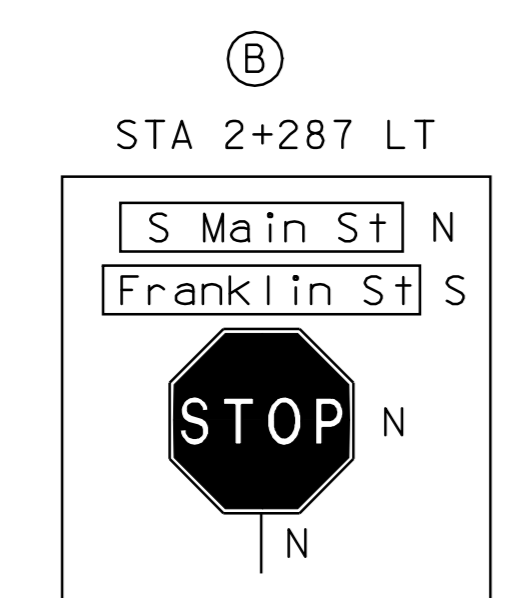
- STA 2+263 LT
- STA 2+283 RT
- STA 2+370 LT
- STA 2+372 LT
- STA 2+282 CL
- STA 2+297 LT
- STA 2+395 LT

REMOVING SIGNS
AS SHOWN - 11

ERECTING SALVAGED SIGNS
AS SHOWN - 2



STA 2+323 RT TO STA 2+338 RT
REMOVED OLD CURBING
INSTALLED NEW CAST-IN-PLACE
CONCRETE CURB



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

UNLESS OTHERWISE NOTED,
PARKING SPACES ARE LAID
OUT AS FOLLOWS: FIRST
AND LAST ARE 6.1 m LONG
AND THOSE IN BETWEEN ARE
6.7 m LONG.

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING LAYOUT II

PROJECT NAME: MIDDLEBURY	FILE NAME: /pave/0ld048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:00
PROJECT NUMBER: STP 2304(I)S	PROJECT LEADER: PTS	DRAWN BY: MRS
	IPARM FILE NAME: pd048III.I	CHECKED BY: NLL
		SHEET 29 OF 103

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 2+551 TO 2+557 SOLID RT NO PARKING
 STA 2+576 TO 2+582 SOLID RT NO PARKING

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 2+557 TO 2+576 TARGETS RT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 2+551 TO 2+602 SOLID LT & RT
 STA 2+623 TO 2+660 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
 STA 2+605 TO 2+613 LT (TH 68)
 STA 2+617 LT TO RT
 STA 2+617 TO 2+623 RT (TH 51)

SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 2+605 TO 2+613 LT (TH 68)
 STA 2+617 LT TO RT
 STA 2+617 TO 2+623 RT (TH 51)

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 2+605 LT (TYPE 1)
 STA 2+613 LT (TYPE 1)
 STA 2+617 LT (TYPE 5)
 STA 2+617 RT (TYPE 1)
 STA 2+623 RT (TYPE 1)

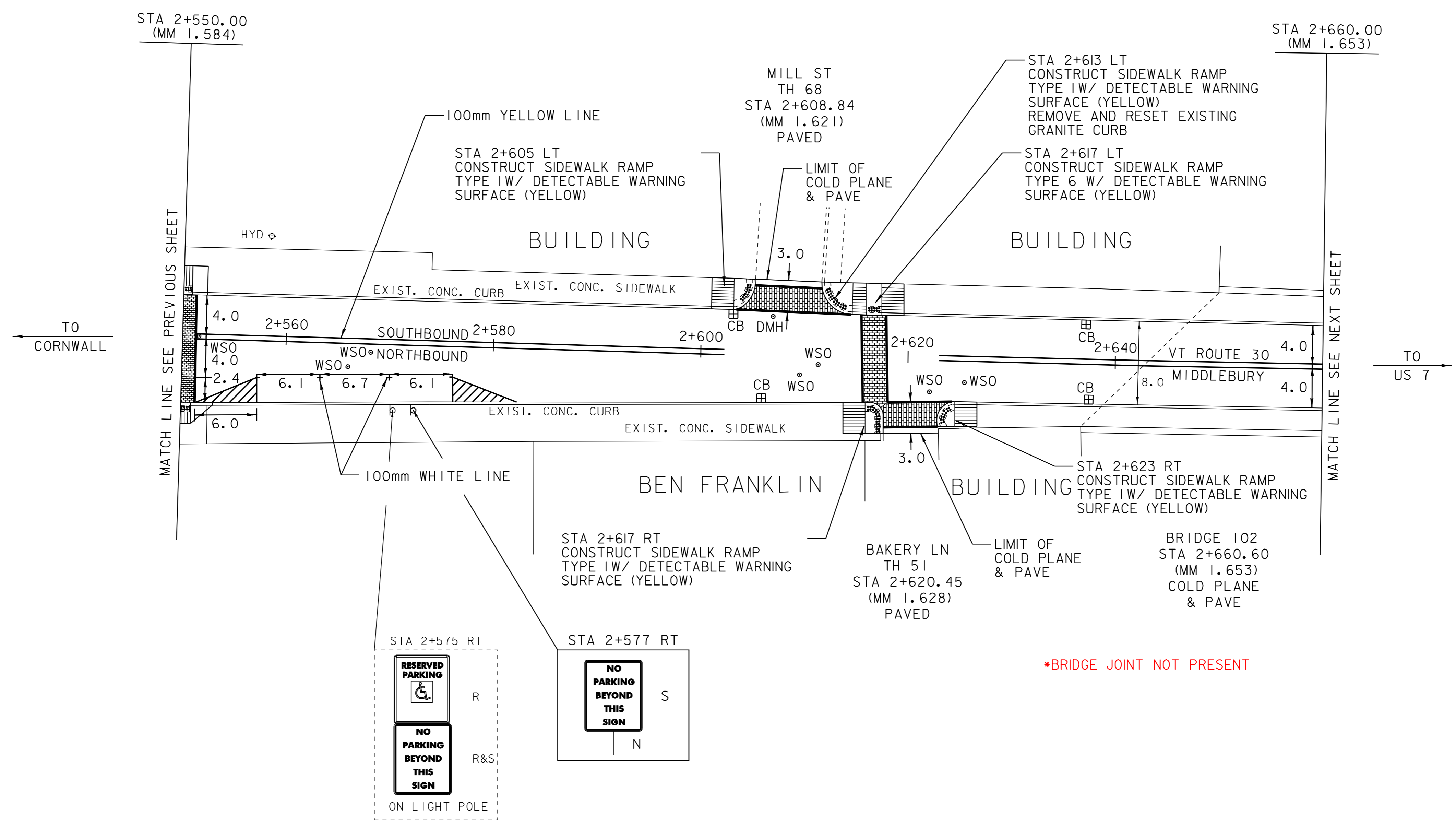
REMOVING AND RESETTING CURB
 STA 2+613 LT - WAS NOT REQUIRED

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 2+603 LT (CB)
 STA 2+606 RT (CB)
 STA 2+606 LT (DMH)
 STA 2+637 LT (CB)
 STA 2+637 RT (CB)

ADJUST ELEVATION OF VALVE BOX
 STA 2+552 LT - DID NOT FIND
 STA 2+566 RT
 STA 2+568 RT
 STA 2+610 RT
 STA 2+611 RT
 STA 2+622 RT
 STA 2+625 RT

REMOVING SIGNS
 AS SHOWN - 2

ERECTING SALVAGED SIGNS
 AS SHOWN - 1



UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

LEGEND

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

PAVING LAYOUT 13

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/01d048/pd048.dgn.dgn	PLOT DATE:	06-OCT-2008 13:00
PROJECT NUMBER:	STP 2304(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		IPARM FILE NAME:	pd048I13.1	CHECKED BY:	NLL
				SHEET	31 OF 103

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 2+719 TO 2+721 SOLID RT NO PARKING (SA 8)
 STA 2+720 TO 2+724 SOLID RT PARKING (SA 8)
 STA 2+735 TO 2+739 SOLID LT NO PARKING
 STA 2+738 TO 2+741 SOLID RT NO PARKING
 STA 2+770 TO 2+776 SOLID RT NO PARKING
 STA 2+771 TO 2+773 SOLID LT NO PARKING
 STA 2+778 TO 2+790 SOLID RT PARKING
 STA 2+778 TO 2+782 SOLID LT NO PARKING
 STA 2+788 TO 2+790 SOLID LT PARKING
 STA 2+788 TO 2+789 SOLID LT NO PARKING

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, TYPE ITAPE
 STA 2+736 TO 2+766 SOLID LT LANE LINE

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 2+738 TO 2+770 TARGETS LT PARKING
 STA 2+741 TO 2+774 TARGETS RT PARKING
 STA 2+782 TO 2+788 TARGETS LT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 2+660 TO 2+716 SOLID LT & RT
 STA 2+727 DOUBLE SOLID RT (SA 8)
 STA 2+736 TO 2+770 SOLID LT & RT
 STA 2+782 TO 2+790 SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, TYPE ITAPE
 STA 2+718 TO 2+734 DOTTED CL LANE LINE

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE ITAPE
 STA 2+727 TO 2+734 RT (SA 8)

TEMPORARY CROSSWALK MARKING, PAINT
 STA 2+717 TO 2+718 LT TO RT
 STA 2+717 TO 2+736 RT (SA 8)
 STA 2+734 TO 2+736 LT TO RT

SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 2+717 TO 2+718 LT TO RT
 STA 2+717 TO 2+736 RT (SA 8)
 STA 2+734 TO 2+736 LT TO RT

TEMPORARY LETTER OR SYMBOL, PAINT
 STA 2+722 RT - DISABLED MARKING (SA 8)
 STA 2+725 RT - "STOP" (SA 8)
 STA 2+741 LT - LEFT TURN ARROW
 STA 2+766 LT - LEFT TURN ARROW
 STA 2+768 LT - DISABLED MARKING
 STA 2+777 RT - DISABLED MARKING

DURABLE LETTER OR SYMBOL, TYPE ITAPE
 STA 2+722 RT - DISABLED MARKING (SA 8)
 STA 2+725 RT - "STOP" (SA 8)
 STA 2+741 LT - LEFT TURN ARROW
 STA 2+753 LT - "ONLY"
 STA 2+766 LT - LEFT TURN ARROW
 STA 2+768 LT - DISABLED MARKING
 STA 2+777 RT - DISABLED MARKING

PORTLAND CEMENT CONCRETE SIDEWALK, 125mm
 STA 2+760 TO ~~2+773~~ RT 2+769 RT

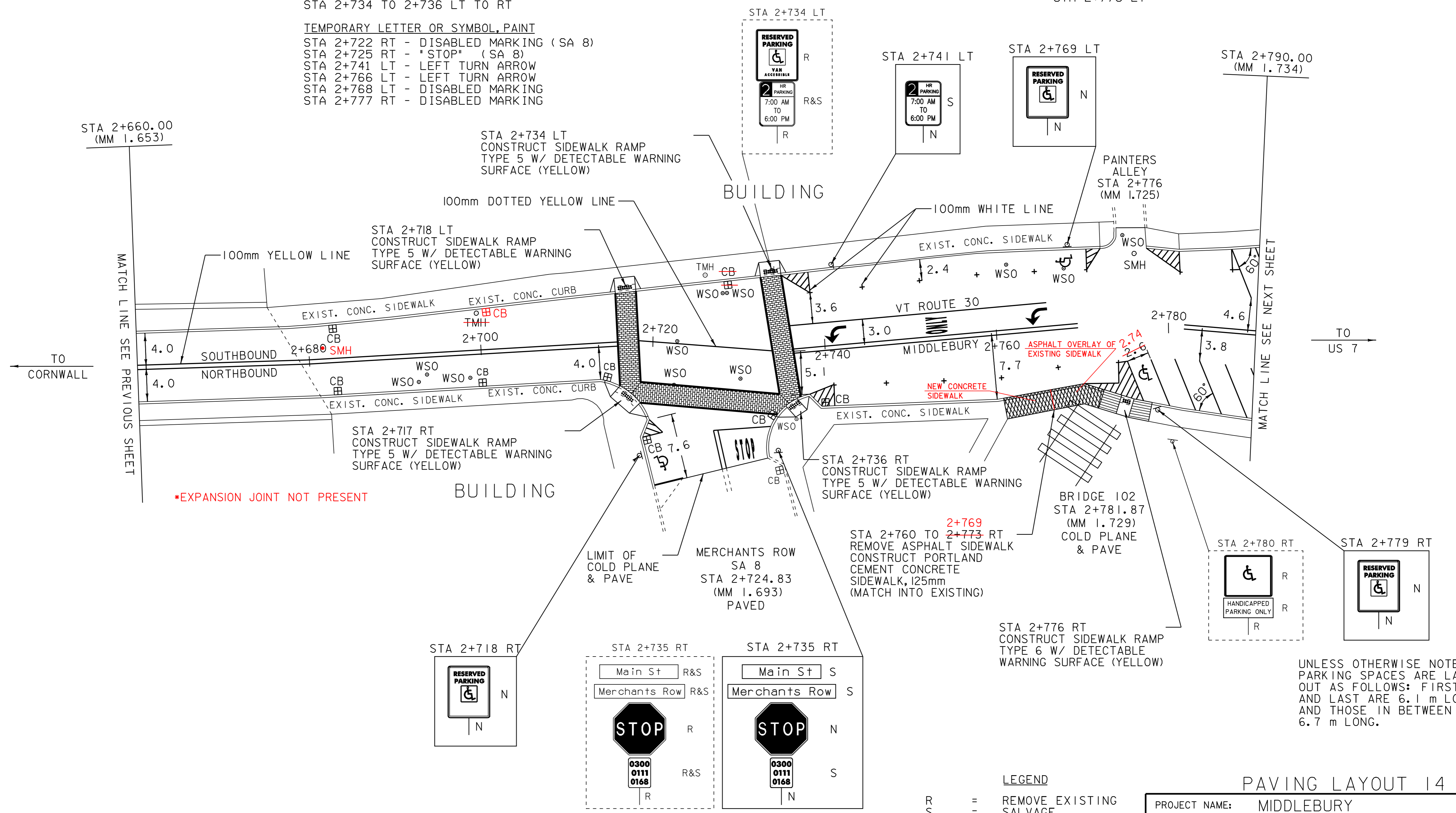
CAST-IN-PLACE CONCRETE CURB, TYPE B
 STA 2+760 TO 2+773 RT

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 2+683 LT (CB)
 STA 2+683 RT (CB)
 STA 2+700 RT (CB)
 STA 2+700 LT (CB)
 STA 2+714 RT (CB)
 STA 2+720 RT (DI) (SA 8)
 STA 2+734 RT (CB) (SA 8)
 STA 2+740 RT (CB)

CHANGING ELEVATION OF SEWER MANHOLES
 STA 2+776 LT
 STA 2+682 LT
 ADJUST ELEVATION OF VALVE BOX
 STA 2+693 RT
 STA 2+694 RT
 STA 2+699 RT
 STA 2+723 RT
 STA 2+723 LT
 STA 2+728 LT (2)
 STA 2+730 RT
 STA 2+762 LT
 STA 2+768 LT - NOT FOUND
 STA 2+775 LT

REMOVING SIGNS
 AS SHOWN - 8

ERECTING SALVAGED SIGNS
 AS SHOWN - 4



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

UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

PAVING LAYOUT 14

PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: STP 2304(I)S
 FILE NAME: /pave/0ld048/pd048.dgn
 PROJECT LEADER: PTS
 IPARM FILE NAME: pd048i14.1
 PLOT DATE: 06-OCT-2008 13:0
 DRAWN BY: MRS
 CHECKED BY: NLL
 SHEET 32 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 2+790 TO 2+817 SOLID RT PARKING
 STA 2+790 TO 2+821 SOLID LT PARKING
 STA 2+818 TO 2+824 SOLID LT NO PARKING
 STA 2+820 TO 2+824 SOLID RT NO PARKING
 STA 2+826 TO 2+835 SOLID RT NO PARKING
 STA 2+835 TO 2+848 SOLID RT PARKING
 STA 2+838 TO 2+856 SOLID LT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 2+790 TO 2+824 SOLID LT & RT
 STA 2+827 TO 2+857 SOLID LT & RT
 STA 2+860 DOUBLE SOLID RT (SA 5)
 STA 2+863 DOUBLE SOLID LT (SA 5)
 STA 2+869 TO 2+889 SOLID LT & RT
 STA 2+891 TO 2+894 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE 1T/PAE
 STA 2+819 LT - DISABLED MARKING
 STA 2+863 RT - "STOP" (SA 5)
 STA 2+882 RT - "STOP"
 STA 2+870 TO 2+874 RT - YIELD MARKINGS (5)
 STA 2+871 TO 2+874 RT - YIELD MARKINGS (4)

TEMPORARY CROSSWALK MARKING, PAINT
 STA 2+823 TO 2+828 RT TO LT
 STA 2+859 TO 2+868 LT (SA 5)
 STA 2+887 TO 2+893 LT TO RT

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 2+797 LT (CB)
 STA 2+799 RT (CB)
 STA 2+874 RT (CB) - **REPLACED ENTIRE CB**

ADJUST ELEVATION OF VALVE BOX
 STA 2+865 LT
 STA 2+865 LT
 STA 2+865 LT - **DID NOT TOUCH**

CONSTRUCT SIDEWALK RAMP
 W/DETECTABLE WARNING
 SURFACE (YELLOW)
 STA 2+823 RT (TYPE 3)
 STA 2+828 LT (TYPE 5)
 STA 2+887 RT (TYPE 1)
 STA 2+893 LT (TYPE 4)

CAST-IN-PLACE CONCRETE CURB, TYPE B
 STA 2+837 TO 2+858 LT
 STA 2+850 TO 2+871 RT
 STA 2+869 TO 2+898 LT
 STA 2+874 TO 2+894 RT

REMOVING SIGNS
 AS SHOWN - 21
 ERECTING SALVAGED SIGNS
 AS SHOWN - 2

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 2+838 TO 2+856 TARGETS LT PARKING

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE 1T/PAE
 STA 2+859 TO 2+864 LT (SA 5)
 STA 2+885 RT

**VT ROUTE 30
 STA 2+896.82
 (MM 1.800)
 END PROJECT
 STP 2304(I)S**

CONSTRUCT SIDEWALK RAMP
 TYPE 4 W/ DETECTABLE WARNING
 SURFACE (YELLOW)
 STA 2+893 LT

***NEW PRE-CAST CATCH BASIN
 PER REQUEST OF THE TOWN
 OF MIDDLEBURY STA 2+874 RT
 REQUEST DATE: 07-16-07**

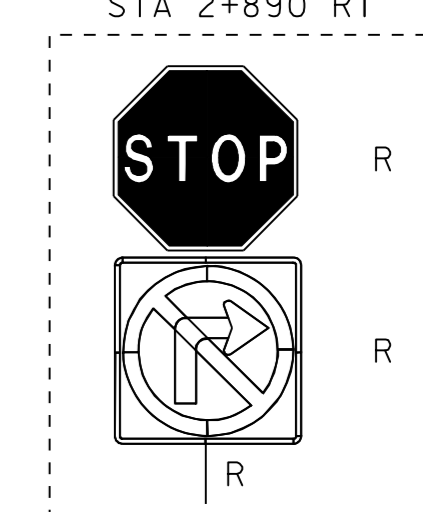
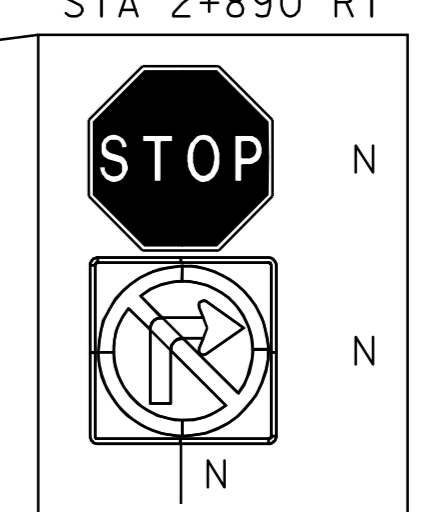
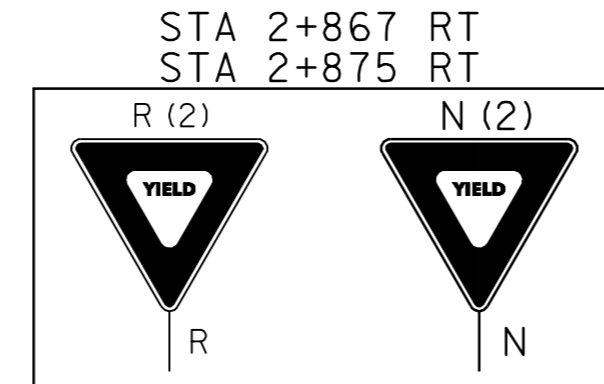
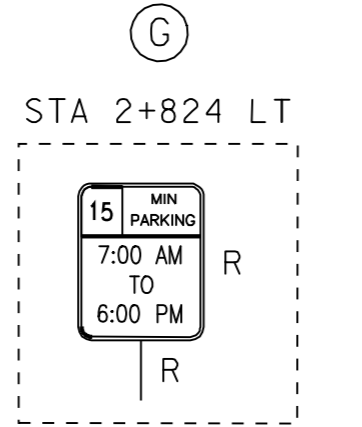
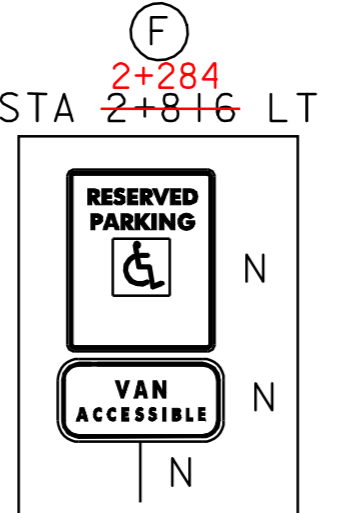
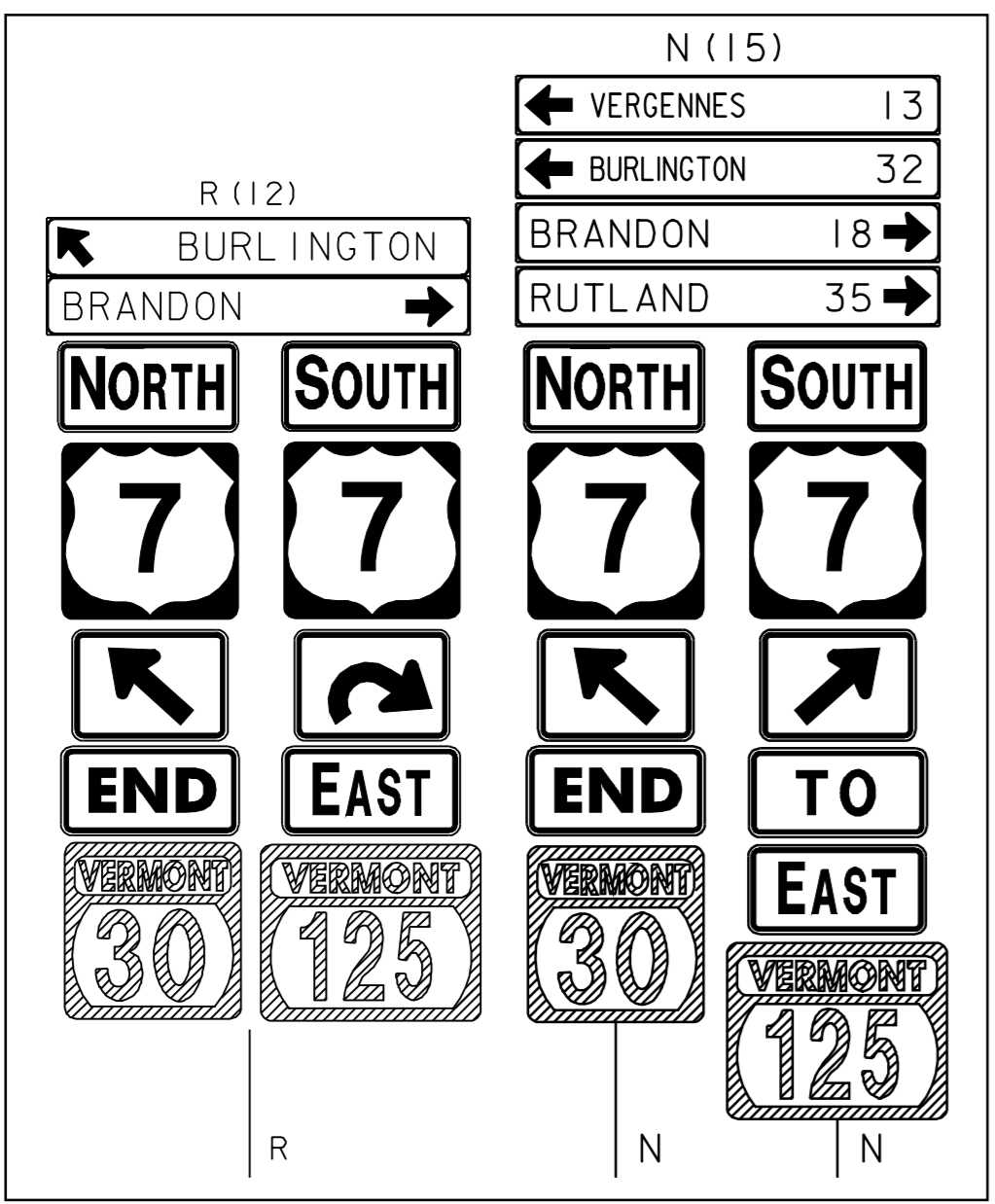
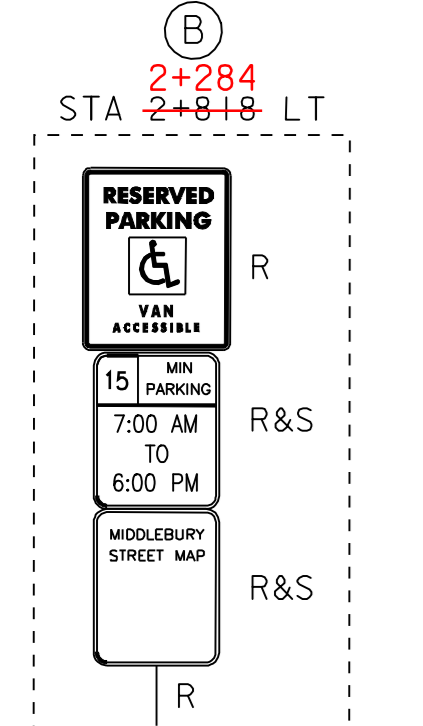
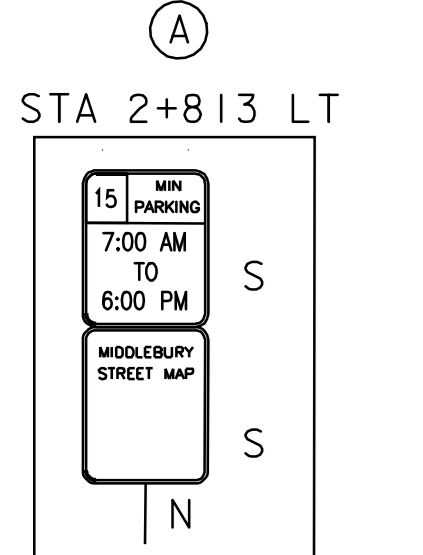
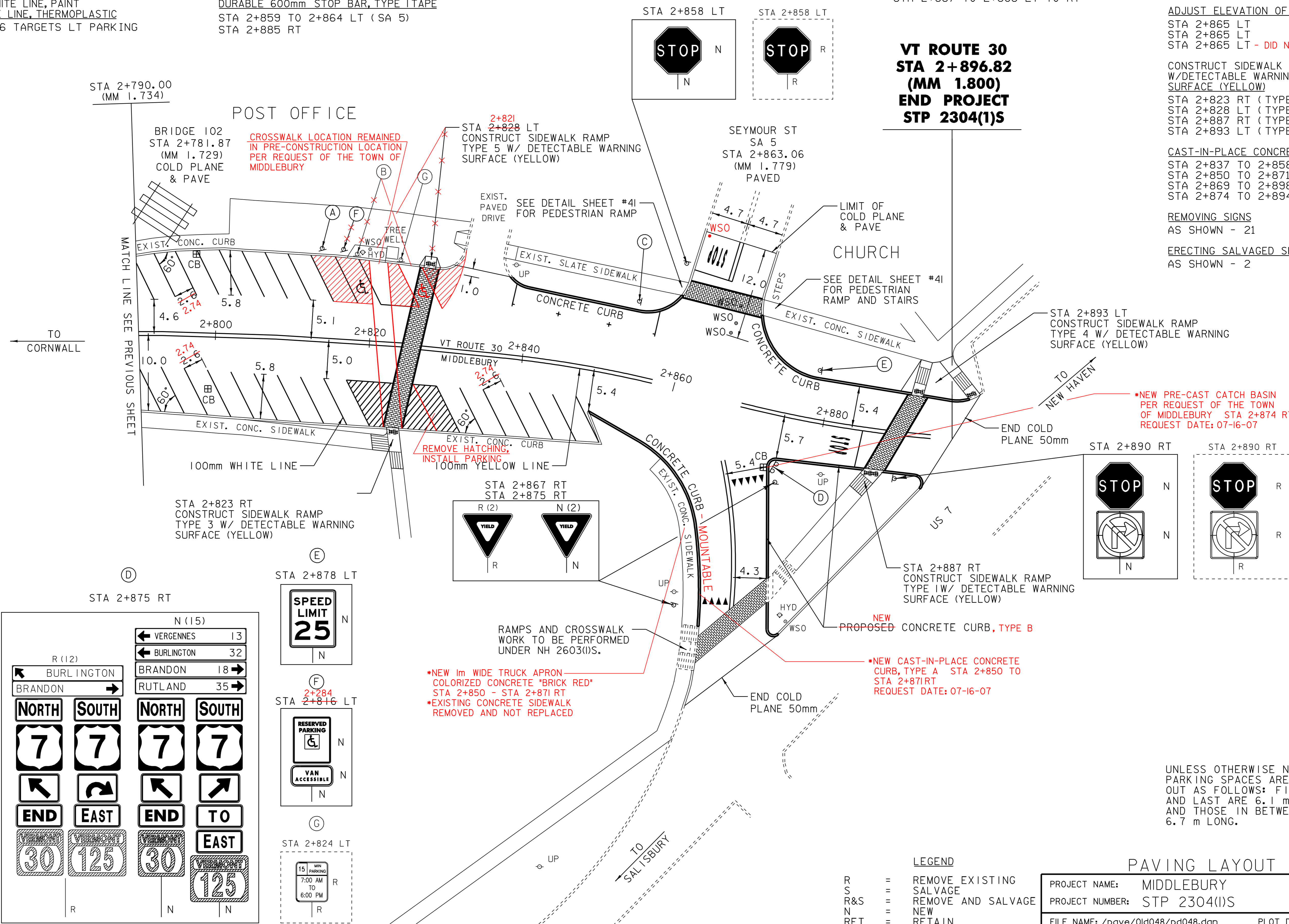
UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

PAVING LAYOUT 15

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/0ld048/pd048.dgn	PLOT DATE:	06-OCT-2008 13:00
PROJECT NUMBER:	STP 2304(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		IPARM FILE NAME:	pd048I15.1	CHECKED BY:	NLL
				SHEET	33 OF 103

LEGEND

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



NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 0+538 TO 0+641 SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 0+538 TO 0+670 SOLID LT & RT

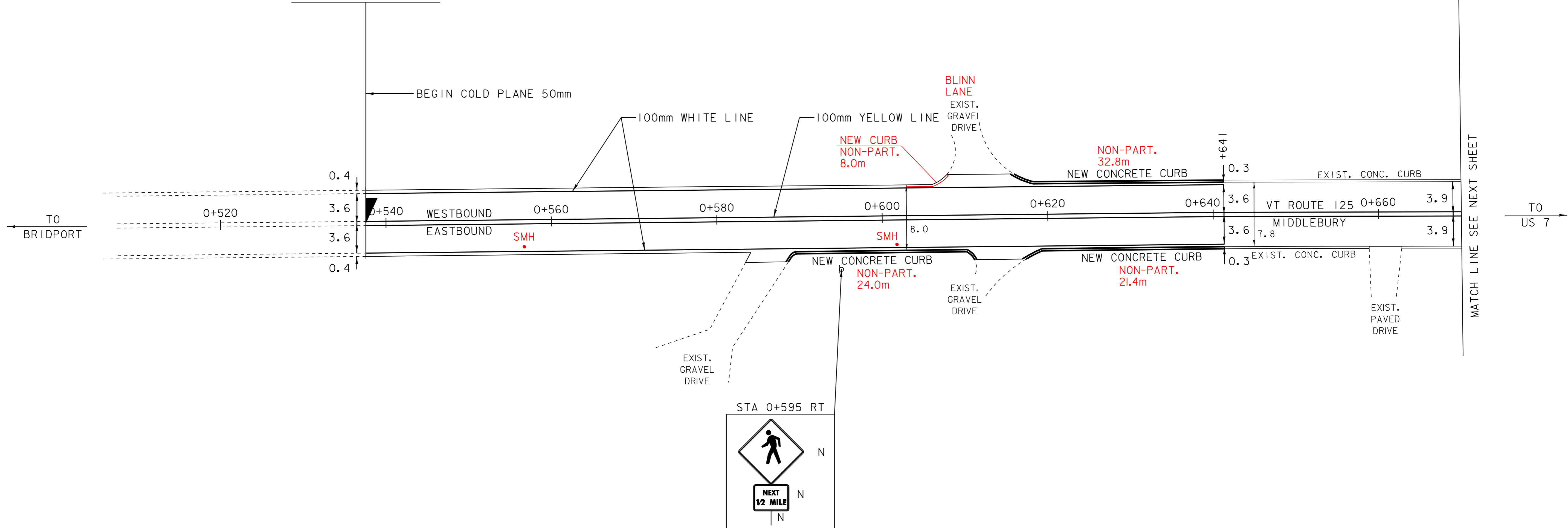
CAST-IN-PLACE CONCRETE CURB, TYPE B
 STA 0+589 TO 0+611 RT
 STA 0+616 TO 0+641 LT
 STA 0+617 TO 0+641 RT
 STA 0+602 TO 0+610 LT



CHANGING ELEVATION OF SEWER MANHOLE
 STA. 0+558 RT
 STA 0+604 RT

**VT ROUTE 125
 STA 0+537.52
 (MM 0.334)
 BEGIN PROJECT
 STP 2304(1)S**

STA 0+670.00
 (MM 0.416)



LEGEND

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

PAVING LAYOUT 16

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:00
PROJECT NUMBER: STP 2304(1)S	DRAWN BY: MRS
FILE NAME: /pave/01d048/pd048.dgn	CHECKED BY: NULL
PROJECT LEADER: PTS	SHEET 34 OF 103
IPARM FILE NAME: pd048116.i	

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 0+704 TO 0+746 TARGETS RT PARKING
 STA 0+704 TO 0+746 TARGETS LT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 0+670 TO 0+680 SOLID LT & RT
 STA 0+686 DOUBLE SOLID RT (TH 59)
 STA 0+692 TO 0+693 SOLID LT & RT
 STA 0+696 TO 0+757 SOLID LT & RT
 STA 0+759 TO 0+764 SOLID LT & RT
 STA 0+770 DOUBLE SOLID RT (TH 58)
 STA 0+776 TO 0+810 SOLID LT & RT

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE 1 TAPE
 STA 0+687 TO 0+691 RT (TH 59)
 STA 0+769 TO 0+773 RT (TH 58)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE
 STA 0+770 RT - "STOP" (TH 58)

TEMPORARY CROSSWALK MARKING, PAINT
 STA 0+695 LT TO RT
 STA 0+758 LT TO RT
 STA 0+766 TO 0+774 RT (TH 58)

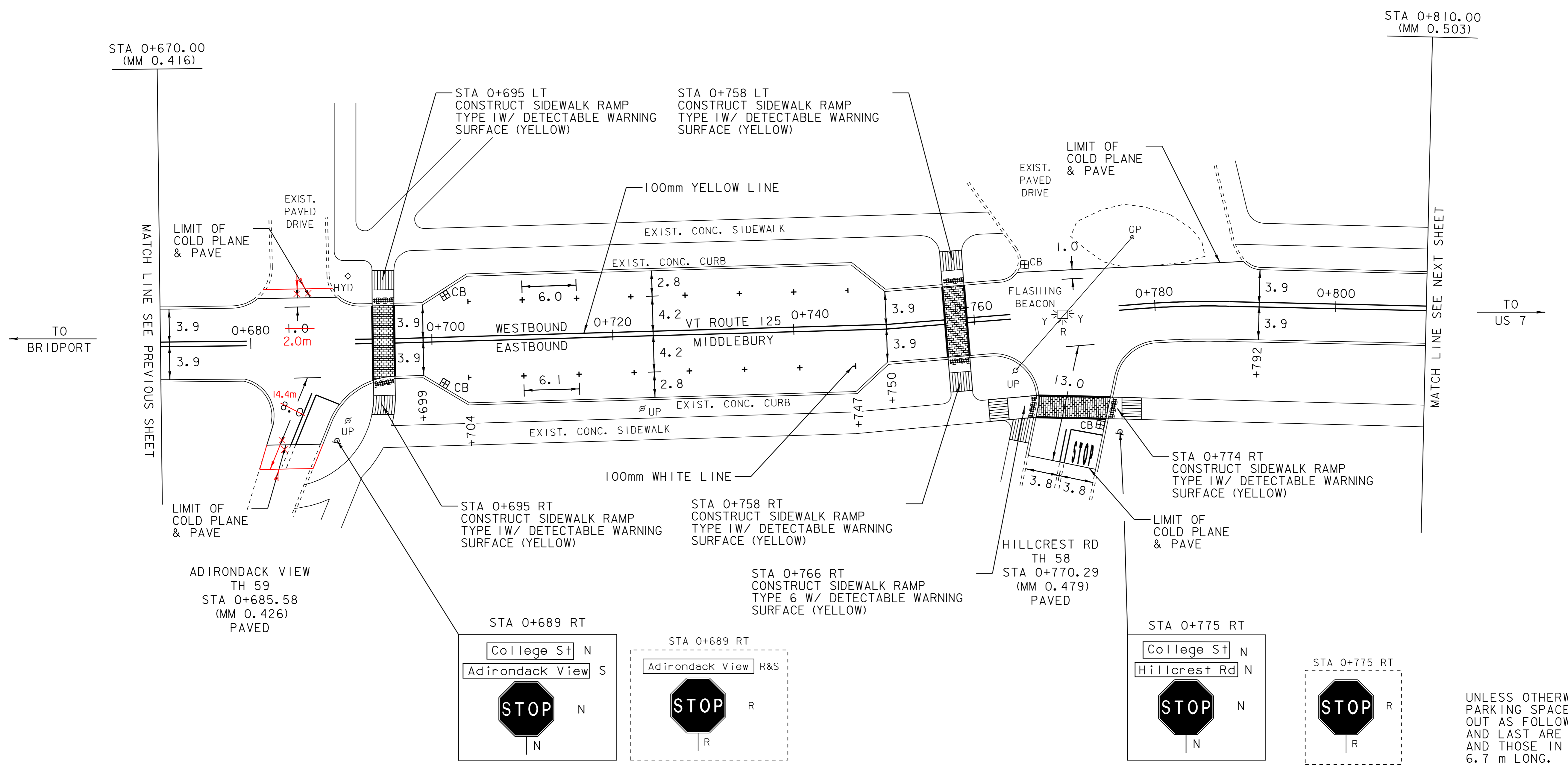
SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 0+695 LT TO RT
 STA 0+758 LT TO RT
 STA 0+766 TO 0+774 RT (TH 58)

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 0+695 LT (TYPE 1)
 STA 0+695 RT (TYPE 1)
 STA 0+758 LT (TYPE 1)
 STA 0+758 RT (TYPE 1)
 STA 0+766 RT (TYPE 6) (TH 58)
 STA 0+774 RT (TYPE 1) (TH 58)

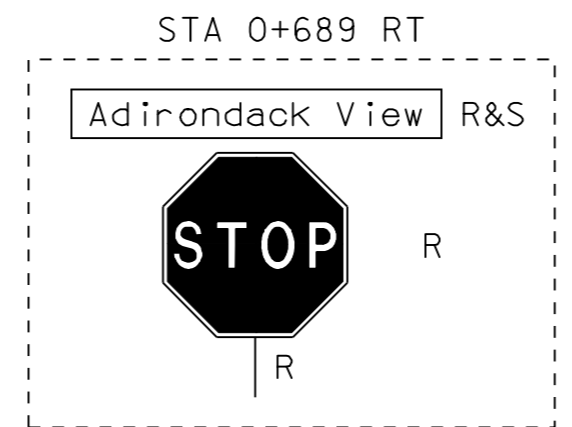
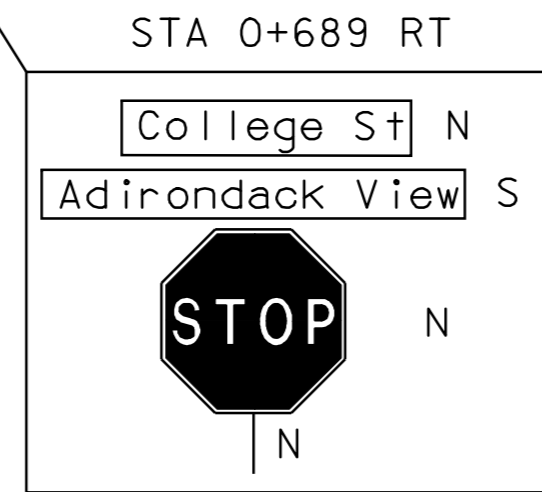
CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 0+701 LT (CB)
 STA 0+701 RT (CB)
 STA 0+773 RT (DI) (TH 58)

REMOVING SIGNS
 AS SHOWN - 3

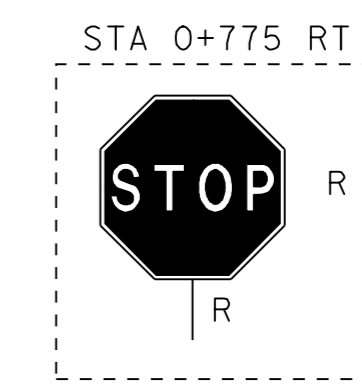
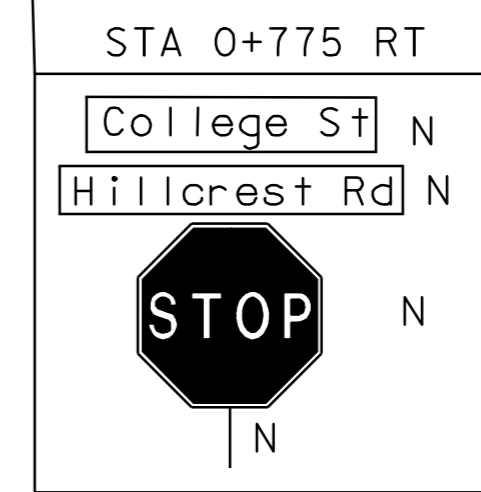
ERECTING SALVAGED SIGNS
 AS SHOWN - 1



ADIRONDACK VIEW
 TH 59
 STA 0+685.58
 (MM 0.426)
 PAVED



STA 0+766 RT
 CONSTRUCT SIDEWALK RAMP
 TYPE 6 W/ DETECTABLE WARNING
 SURFACE (YELLOW)



LEGEND

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

PAVING LAYOUT 17

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:00
PROJECT NUMBER: STP 2304(I)S	DRAWN BY: MRS
FILE NAME: /pave/0ld048/pd048.dgn	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 35 OF 103
IPARM FILE NAME: pd048I17.1	

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 0+869 TO 0+874 TARGETS LT PARKING
 STA 0+870 TO 0+889 TARGETS RT PARKING
 STA 0+915 TO 0+946 TARGETS RT PARKING
 STA 0+921 TO 0+950 TARGETS LT PARKING
 STA 0+964 TO 0+970 TARGETS RT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 0+810 TO 0+814 SOLID LT & RT
 STA 0+837 TO 0+858 SOLID LT & RT
 STA 0+865 TO 0+903 SOLID LT & RT
 STA 0+912 TO 0+954 SOLID LT & RT
 STA 0+961 TO 0+970 SOLID LT & RT

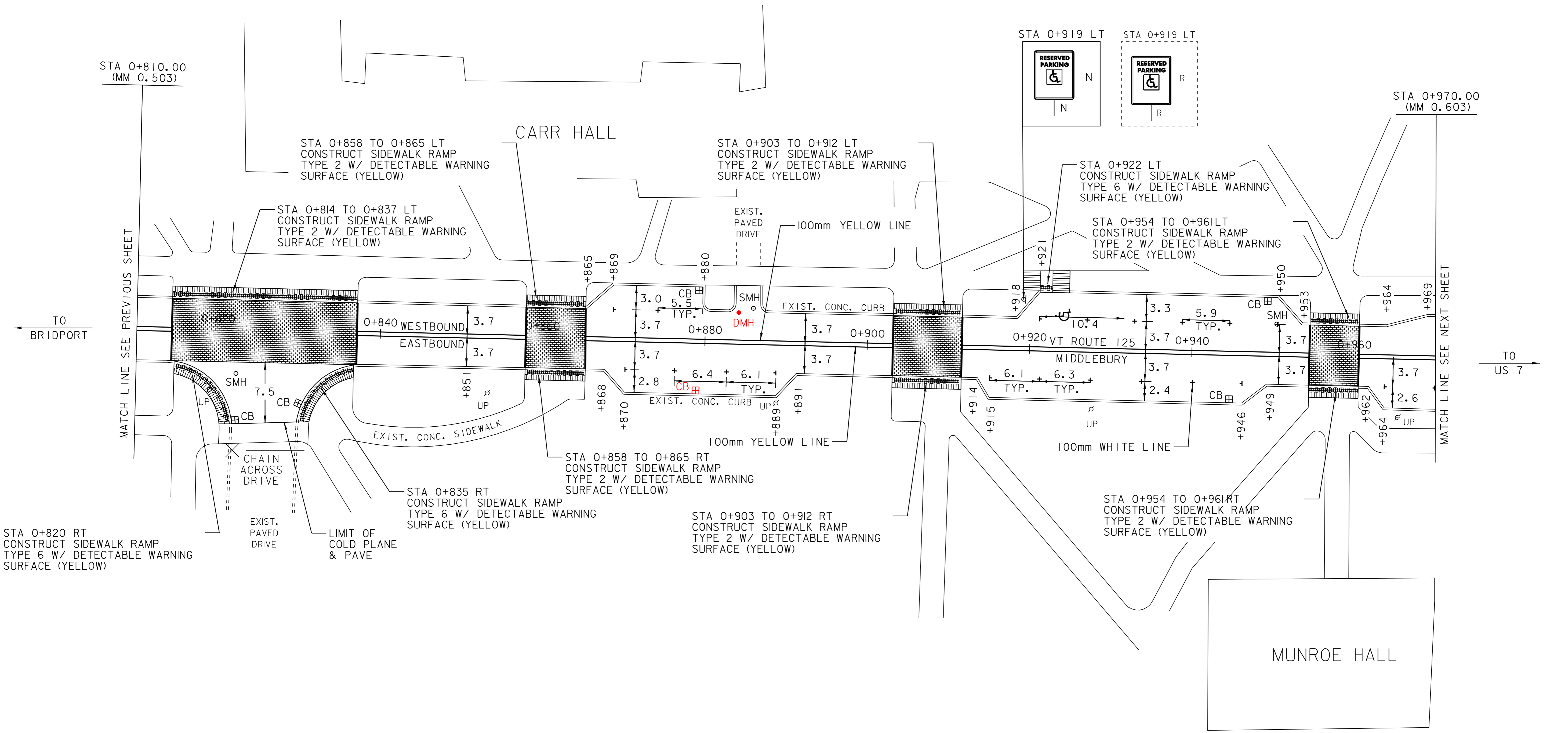
TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE
 STA 0+924 LT - DISABLED MARKING

TEMPORARY CROSSWALK MARKING, PAINT
 STA 0+814 TO 0+837 LT TO RT
 STA 0+858 TO 0+865 LT TO RT
 STA 0+903 TO 0+912 LT TO RT
 STA 0+954 TO 0+961 LT TO RT

SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 0+814 TO 0+837 LT TO RT
 STA 0+858 TO 0+865 LT TO RT
 STA 0+903 TO 0+912 LT TO RT
 STA 0+954 TO 0+961 LT TO RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 0+814 TO 0+837 LT (TYPE 2)
 STA 0+820 RT (TYPE 6)
 STA 0+835 RT (TYPE 6)
 STA 0+858 TO 0+865 LT (TYPE 2)
 STA 0+858 TO 0+865 RT (TYPE 2)
 STA 0+903 TO 0+912 LT (TYPE 2)
 STA 0+903 TO 0+912 RT (TYPE 2)
 STA 0+922 LT (TYPE 6)
 STA 0+954 TO 0+961 LT (TYPE 2)
 STA 0+954 TO 0+961 RT (TYPE 2)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 0+822 RT (CB) STA 0+883 LT
 STA 0+830 RT (CB)
 STA 0+879 LT (CB)
 STA 0+945 RT (CB)
 STA 0+949 LT (CB)
 STA 0+889 RT (CB)
 CHANGING ELEVATION OF SEWER MANHOLES
 STA 0+822 RT
 STA 0+950 LT
 STA 0+885 LT
 REMOVING SIGNS
 AS SHOWN - 1



STA 0+820 RT
 CONSTRUCT SIDEWALK RAMP
 TYPE 6 W/ DETECTABLE WARNING
 SURFACE (YELLOW)

STA 0+835 RT
 CONSTRUCT SIDEWALK RAMP
 TYPE 6 W/ DETECTABLE WARNING
 SURFACE (YELLOW)

STA 0+858 TO 0+865 RT
 CONSTRUCT SIDEWALK RAMP
 TYPE 2 W/ DETECTABLE WARNING
 SURFACE (YELLOW)

STA 0+903 TO 0+912 RT
 CONSTRUCT SIDEWALK RAMP
 TYPE 2 W/ DETECTABLE WARNING
 SURFACE (YELLOW)

STA 0+954 TO 0+961 RT
 CONSTRUCT SIDEWALK RAMP
 TYPE 2 W/ DETECTABLE WARNING
 SURFACE (YELLOW)

UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

LEGEND

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

PAVING LAYOUT 18

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	STP 2304(I)S
FILE NAME:	/pave/01d048/pd048.dgn
PROJECT LEADER:	PTS
IPARM FILE NAME:	pd048I18.1
PLOT DATE:	06-OCT-2008 13:00
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	36 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+001 TO 1+004 SOLID RT NO PARKING

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 0+970 TO 1+044 TARGETS RT PARKING
 STA 1+064 TO 1+082 TARGETS RT PARKING
 STA 1+117 TO 1+130 TARGETS RT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 0+970 TO 1+053 SOLID LT & RT
 STA 1+059 TO 1+106 SOLID LT & RT
 STA 1+112 TO 1+130 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
 STA 1+053 TO 1+059 LT TO RT
 STA 1+106 TO 1+112 LT TO RT

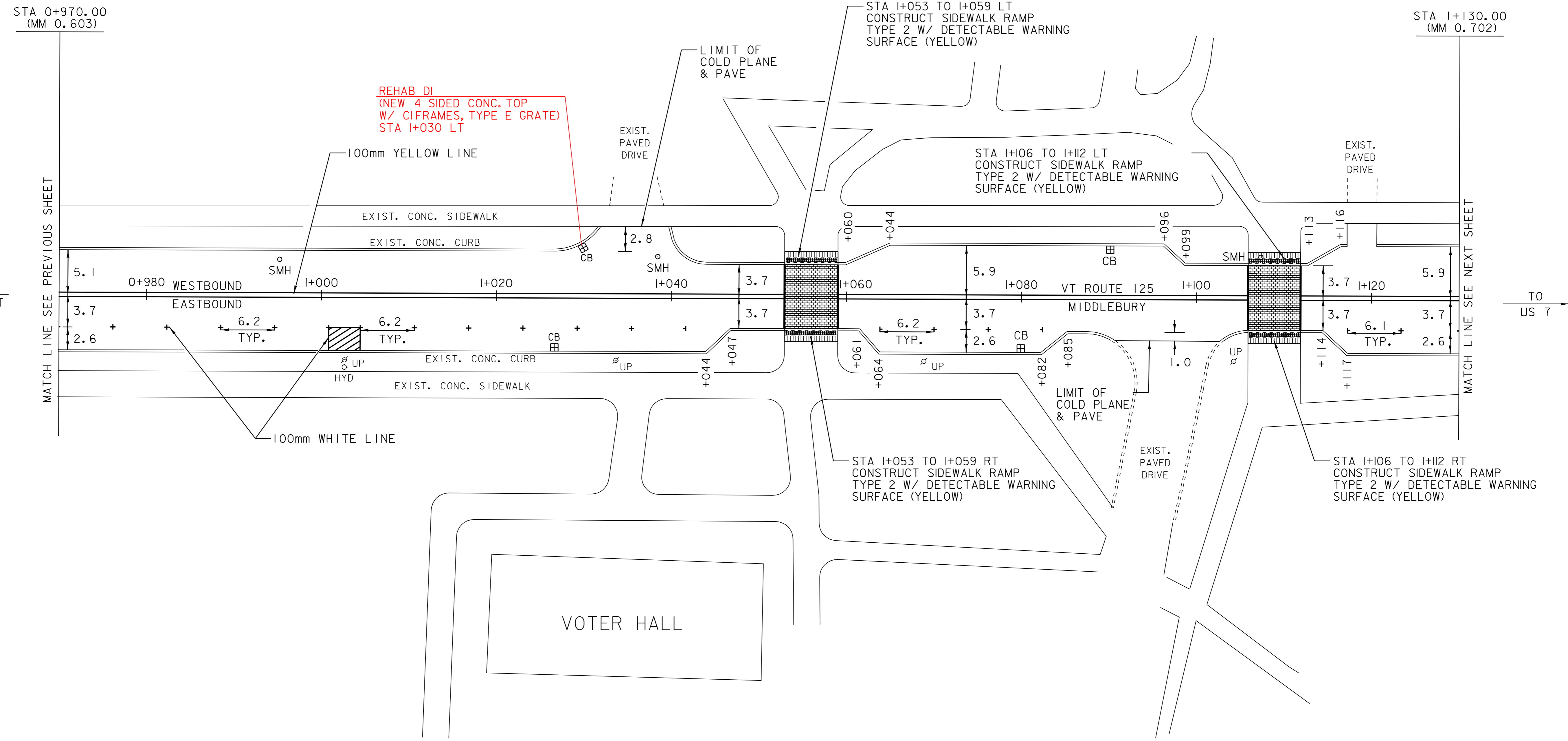
SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 1+053 TO 1+059 LT TO RT
 STA 1+106 TO 1+112 LT TO RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 1+053 TO 1+059 LT (TYPE 2)
 STA 1+053 TO 1+059 RT (TYPE 2)
 STA 1+106 TO 1+112 LT (TYPE 2)
 STA 1+106 TO 1+112 RT (TYPE 2)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 1+027 RT (CB)
 STA 1+030 LT (CB)
 STA 1+080 RT (CB)
 STA 1+090 LT (CB)

CHANGING ELEVATION OF SEWER MANHOLES
 STA 0+995 LT
 STA 1+038 LT

REHAB OF CATCH BASIN
 STA 1+030 LT (CB)



TO BRIDPORT

TO US 7

UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

LEGEND

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

PAVING LAYOUT 19

PROJECT NAME:	MIDDLEBURY	PLOT DATE:	06-OCT-2008 13:00
PROJECT NUMBER:	STP 2304(I)S	DRAWN BY:	MRS
FILE NAME:	/pave/01d048/pd048.dgn	CHECKED BY:	NLL
IPARM FILE NAME:	pd048I19.1	SHEET	37 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 1+150 TO 1+152 SOLID RT NO PARKING
 STA 1+152 TO 1+155 SOLID RT NO PARKING
 STA 1+200 TO 1+266 DOTTED LT LANE LINE
 STA 1+200 TO 1+266 DOTTED RT LANE LINE
 STA 1+213 TO 1+219 SOLID RT
 STA 1+219 TO 1+228 SOLID LT
 STA 1+225 TO 1+234 SOLID RT
 STA 1+236 TO 1+238 SOLID LT NO PARKING
 STA 1+248 TO 1+250 SOLID LT NO PARKING
 STA 1+254 TO 1+290 SOLID RT
 STA 1+266 TO 1+290 SOLID LT

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC
 STA 1+130 TO 1+150 TARGETS RT PARKING
 STA 1+155 TO 1+213 TARGETS RT PARKING
 STA 1+237 TO 1+248 TARGETS LT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 1+130 TO 1+220 SOLID LT & RT
 STA 1+222 TO 1+225 DOUBLE SOLID RT (TH 57)
 STA 1+226 TO 1+232 DOUBLE SOLID LT (TH 61)
 STA 1+232 TO 1+290 SOLID LT & RT

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE 1 TAPE
 STA 1+218 TO 1+225 LT (TH 61)
 STA 1+227 TO 1+241 RT (TH 57)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE
 STA 1+223 LT - "STOP" (TH 61)
 STA 1+229 RT - "STOP" (TH 57)

TEMPORARY CROSSWALK MARKING, PAINT
 STA 1+219 TO 1+227 RT (TH 57)
 STA 1+228 TO 1+234 LT (TH 61)

SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 1+219 TO 1+227 RT (TH 57)
 STA 1+228 TO 1+234 LT (TH 61)

SPECIAL PROVISION
 IMPRINTED/COLORIZED SURFACE)
 STA 1+208 TO 1+222 LT
 STA 1+213 TO 1+219 RT
 STA 1+226 TO 1+253 RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 1+219 RT (TYPE 1)
 STA 1+227 RT (TYPE 1)
 STA 1+228 LT (TYPE 6)
 STA 1+234 LT (TYPE 6)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 1+144 LT (CB)
 STA 1+208 LT (CB)
 STA 1+216 RT (DMH)
 STA 1+218 RT (CB) (TH 57) - WAS NOT REQUIRED
 STA 1+219 LT (CB)
 STA 1+254 RT (CB) - WAS NOT REQUIRED

REHAB. DROP INLETS, CATCH BASINS,
 OR MANHOLES, CLASS 1
 STA 1+144 RT (CB) - DID NOT TOUCH

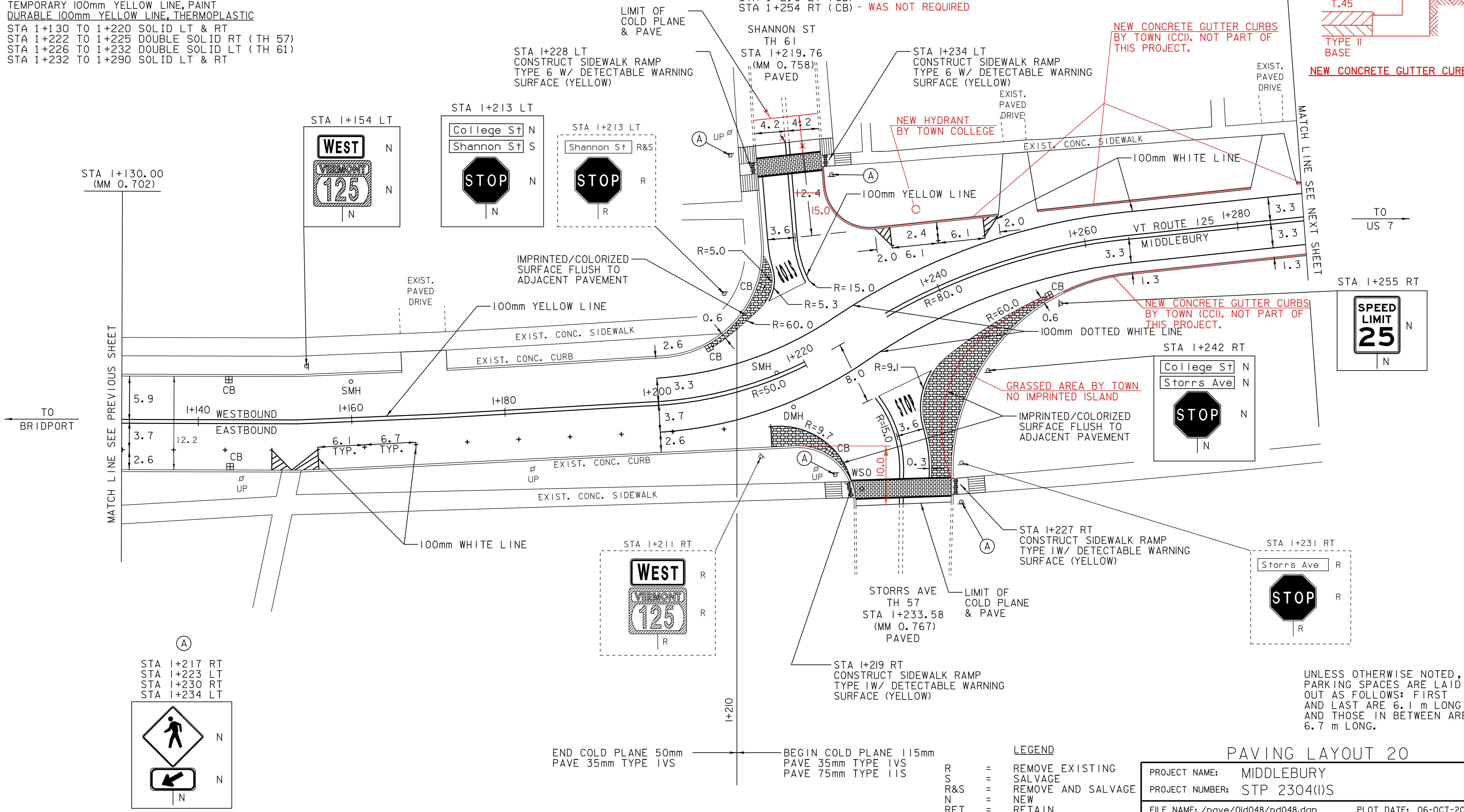
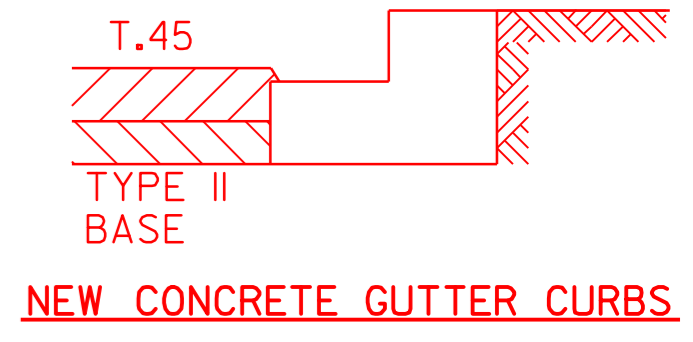
CHANGING ELEVATION OF SEWER MANHOLES
 STA 1+160 LT
 STA 1+216 LT

ADJUST ELEVATION OF VALVE BOX
 STA 1+219 RT (TH 57)

REMOVING SIGNS
 AS SHOWN - 6

ERECTING SALVAGED SIGNS
 AS SHOWN - 1

STA 1+290.00
 (MM 0.802)



TO BRIDPORT

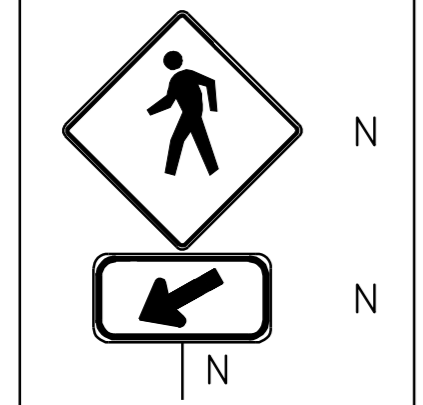
TO US 7

MATCH LINE SEE NEXT SHEET

STA 1+255 RT



STA 1+217 RT
 STA 1+223 LT
 STA 1+230 RT
 STA 1+234 LT



END COLD PLANE 50mm
 PAVE 35mm TYPE IVS

BEGIN COLD PLANE 115mm
 PAVE 35mm TYPE IVS
 PAVE 75mm TYPE IIS

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

UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

PAVING LAYOUT 20

PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: STP 2304(I)S
 FILE NAME: /pave/0ld048/pd048.dgn
 PROJECT LEADER: PTS
 IPARM FILE NAME: pd048i20.i
 PLOT DATE: 06-OCT-2008 13:0
 DRAWN BY: MRS
 CHECKED BY: NLL
 SHEET 38 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
DURABLE 100mm WHITE LINE, THERMOPLASTIC

STA 1+290 TO 1+295 SOLID LT
STA 1+290 TO 1+387 SOLID RT
STA 1+313 TO 1+318 SOLID LT NO PARKING
STA 1+324 TO 1+328 SOLID LT NO PARKING
STA 1+334 TO 1+337 SOLID LT NO PARKING
STA 1+343 TO 1+346 SOLID LT NO PARKING
STA 1+352 TO 1+356 SOLID LT NO PARKING
STA 1+381 TO 1+387 SOLID LT NO PARKING

TEMPORARY 150mm WHITE LINE, PAINT
DURABLE 150mm WHITE LINE, THERMOPLASTIC

STA 1+318 TO 1+324 TARGETS LT PARKING
STA 1+337 TO 1+343 TARGETS LT PARKING
STA 1+356 TO 1+381 TARGETS LT PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
DURABLE 100mm YELLOW LINE, THERMOPLASTIC

STA 1+290 TO 1+387 SOLID LT & RT
STA 1+390 TO 1+436 SOLID LT & RT
STA 1+438 TO 1+440 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT

STA 1+389 LT TO RT
STA 1+437 LT TO RT

SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, IMPRINTED/COLORIZED)

STA 1+389 LT TO RT
STA 1+437 LT TO RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
WARNING SURFACE (YELLOW)

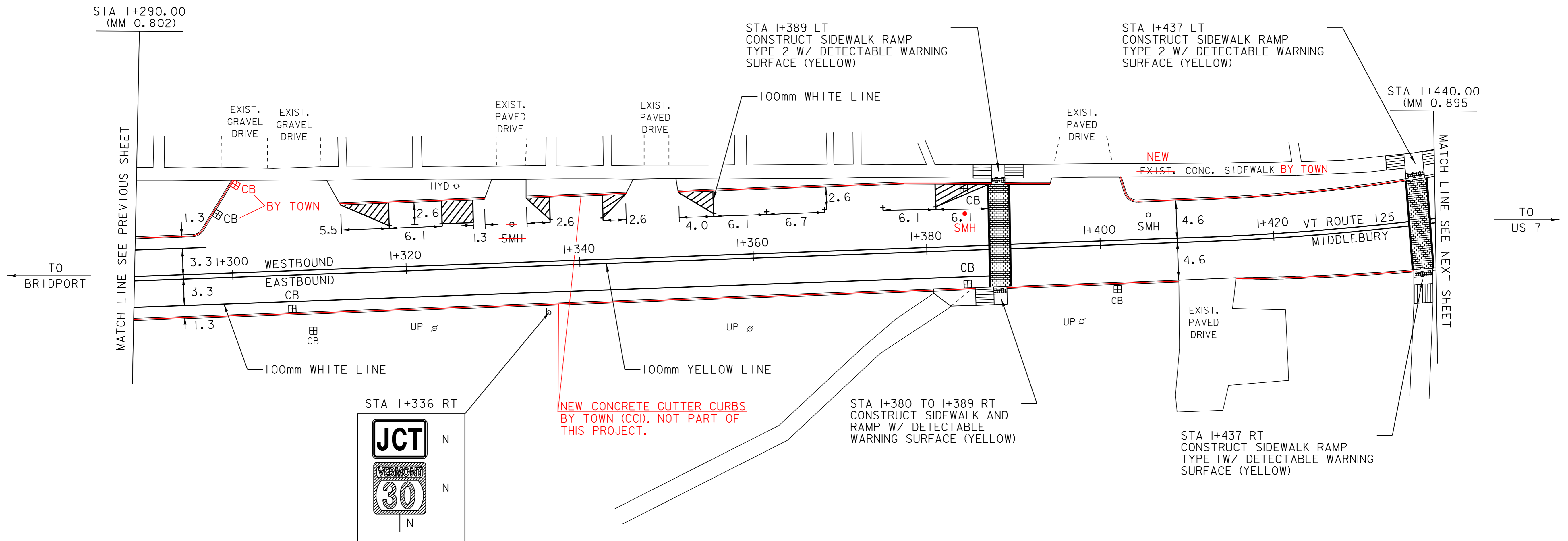
STA 1+389 LT (TYPE 2)
STA 1+389 RT
STA 1+437 LT (TYPE 2)
STA 1+437 RT (TYPE 1)

CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES - WORK NOT REQUIRED

STA 1+298 LT (CB)
STA 1+307 RT (CB)
STA 1+385 LT (CB)
STA 1+385 RT (CB)

CHANGE ELEVATION OF SEWER MANHOLE

STA 1+332 LT - NOT FOUND
STA 1+406 LT
STA 1+383 LT



UNLESS OTHERWISE NOTED,
PARKING SPACES ARE LAID
OUT AS FOLLOWS: FIRST
AND LAST ARE 6.1 m LONG
AND THOSE IN BETWEEN ARE
6.7 m LONG.

LEGEND

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

PAVING LAYOUT 21

PROJECT NAME: MIDDLEBURY	FILE NAME: /pave/01d048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:00
PROJECT NUMBER: STP 2304(I)S	PROJECT LEADER: PTS	DRAWN BY: MRS
	IPARM FILE NAME: pd048(I)1	CHECKED BY: NLL
		SHEET 39 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC

STA 1+472 TO 1+487 SOLID RT NO PARKING
 STA 1+490 TO 1+496 SOLID RT NO PARKING
 STA 1+490 TO 1+496 SOLID LT NO PARKING
 STA 1+528 TO 1+531 SOLID RT NO PARKING
 STA 1+535 TO 1+546 SOLID LT NO PARKING
 STA 1+539 TO 1+546 SOLID RT NO PARKING
 STA 1+548 TO 1+554 SOLID RT NO PARKING
 STA 1+548 TO 1+554 SOLID LT NO PARKING
 STA 1+560 TO 1+562 SOLID LT NO PARKING
 STA 1+567 TO 1+568 SOLID LT NO PARKING

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC

STA 1+440 TO 1+474 SOLID LT & RT
 STA 1+475 TO 1+477 DOUBLE SOLID LT (VT 23)
 STA 1+477 TO 1+478 DOUBLE SOLID LT (VT 23)
 STA 1+486 TO 1+487 SOLID LT & RT
 STA 1+490 TO 1+546 SOLID LT & RT
 STA 1+548 TO 1+580 SOLID LT & RT

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE ITAPE
 STA 1+470 TO 1+477 LT (VT 23)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE ITAPE

STA 1+482 LT - "STOP" (VT 23)
 STA 1+499 RT - DISABLED MARKING
 STA 1+505 RT - DISABLED MARKING

TEMPORARY CROSSWALK MARKING, PAINT
 STA 1+469 TO 1+485 LT (VT 23)
 STA 1+488 LT TO RT
 STA 1+547 LT TO RT

SPECIAL PROVISION (DURABLE
 CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 1+469 TO 1+485 LT (VT 23)
 STA 1+488 LT TO RT
 STA 1+547 LT TO RT

CONSTRUCT SIDEWALK RAMP W/DETECTABLE
 WARNING SURFACE (YELLOW)
 STA 1+467 LT (TYPE 1)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES

STA 1+465 RT (CB) - NO WORK DONE
 STA 1+466 LT (CB) - NO WORK DONE
 STA 1+470 LT (CB) (VT23) - NO WORK DONE
 STA 1+476 RT (TMH) - NO WORK DONE
 STA 1+486 LT (CB)
 STA 1+496 RT (CB) - NOT FOUND
 STA 1+496 RT (DMH)
 STA 1+499 LT (CB)
 STA 1+520 LT (CB)
 STA 1+525 RT (CB) - OFF ROADWAY, NO WORK DONE
 STA 1+556 LT (CB)
 STA 1+560 RT (CB) - NO WORK DONE, EXISTING STRUCTURE CAST-IN-CURB

REMOVING SIGNS
 AS SHOWN - 14

ERECTING SALVAGED SIGNS
 AS SHOWN - 1

TEMPORARY 150mm WHITE LINE, PAINT
 DURABLE 150mm WHITE LINE, THERMOPLASTIC

STA 1+496 TO 1+528 TARGETS RT PARKING
 STA 1+496 TO 1+535 TARGETS LT PARKING
 STA 1+554 TO 1+560 TARGETS RT PARKING
 STA 1+554 TO 1+580 TARGETS LT PARKING
 STA 1+568 TO 1+580 TARGETS LT PARKING

CHANGING ELEVATION OF SEWER MANHOLES

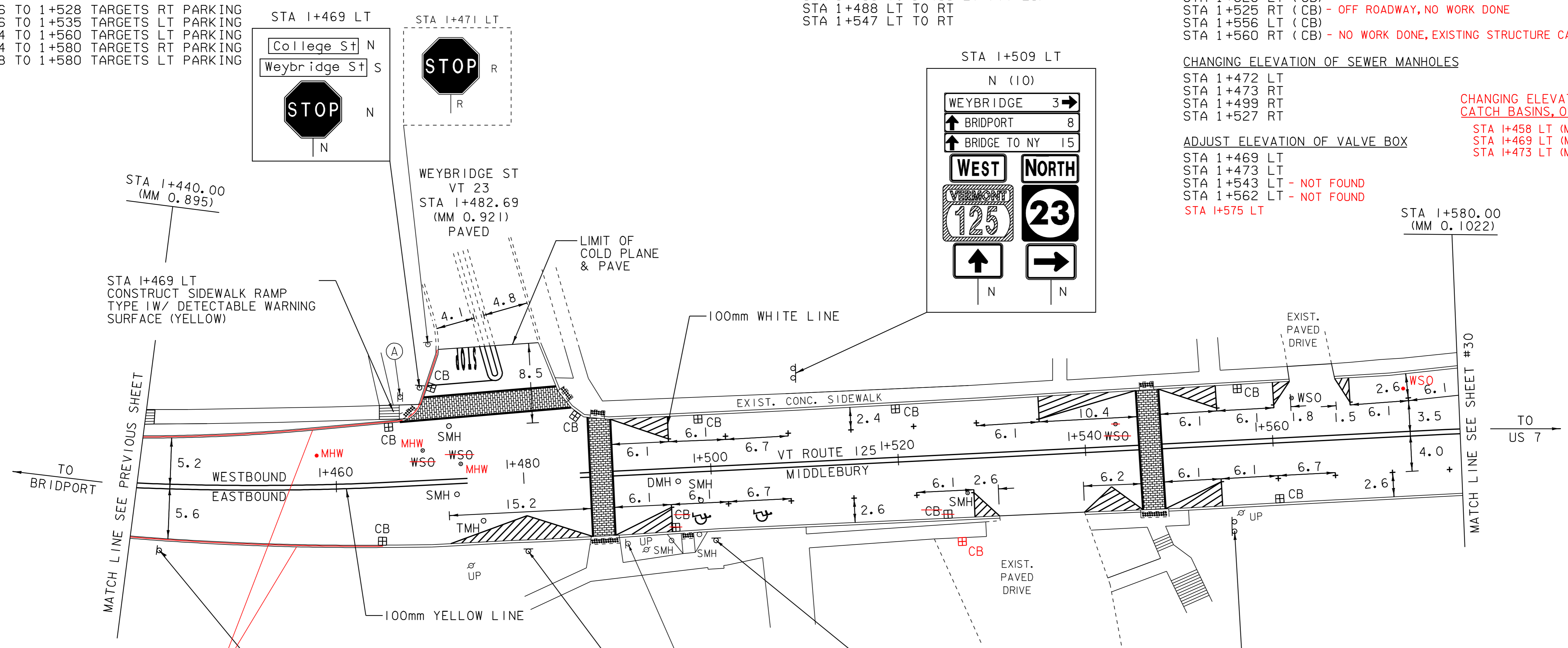
STA 1+472 LT
 STA 1+473 RT
 STA 1+499 RT
 STA 1+527 RT

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES

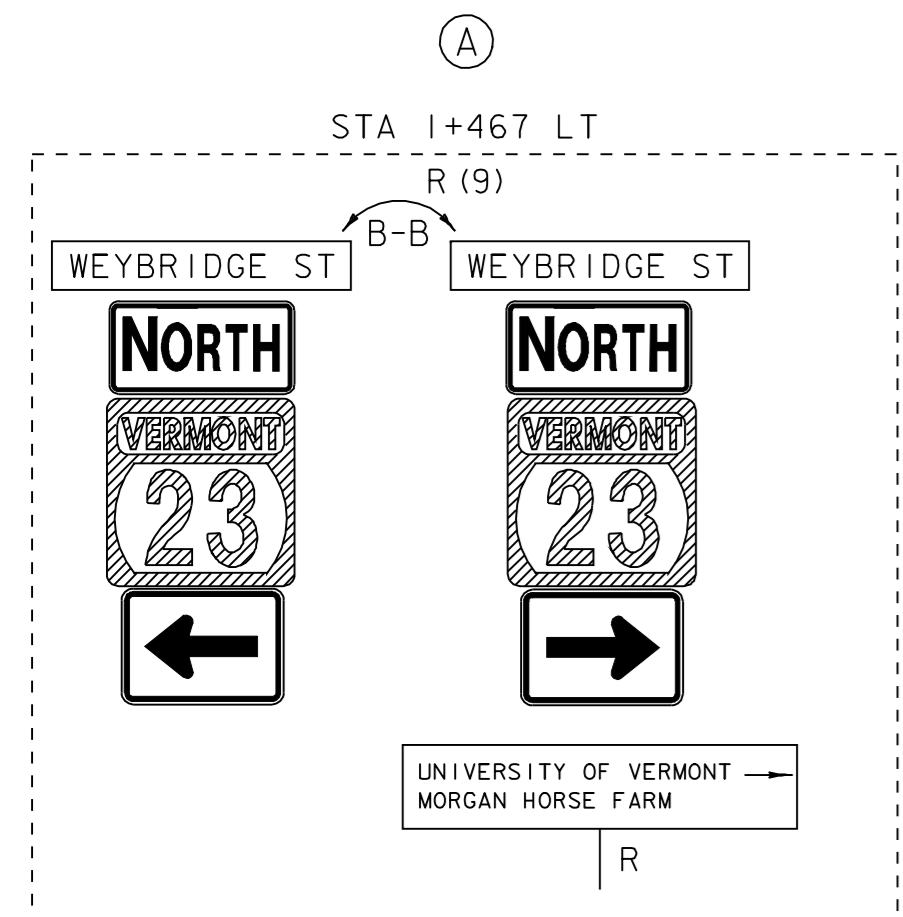
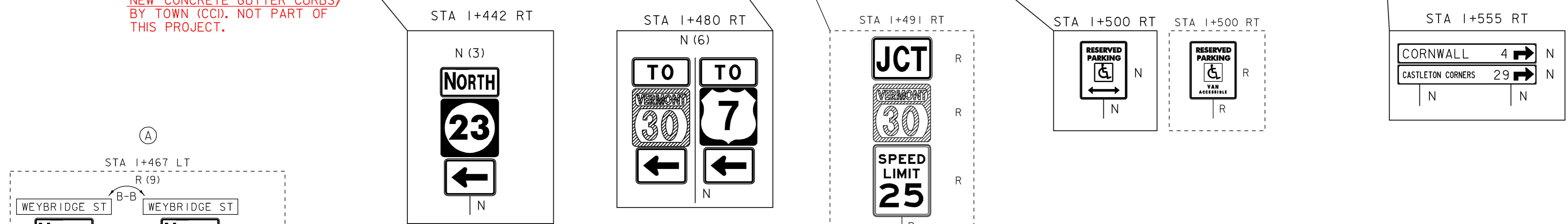
STA 1+458 LT (MHW)
 STA 1+469 LT (MHW)
 STA 1+473 LT (MHW)

ADJUST ELEVATION OF VALVE BOX

STA 1+469 LT
 STA 1+473 LT
 STA 1+543 LT - NOT FOUND
 STA 1+562 LT - NOT FOUND
 STA 1+575 LT



NEW CONCRETE GUTTER CURBS
 BY TOWN (CCI), NOT PART OF
 THIS PROJECT.



UNLESS OTHERWISE NOTED,
 PARKING SPACES ARE LAID
 OUT AS FOLLOWS: FIRST
 AND LAST ARE 6.1 m LONG
 AND THOSE IN BETWEEN ARE
 6.7 m LONG.

LEGEND

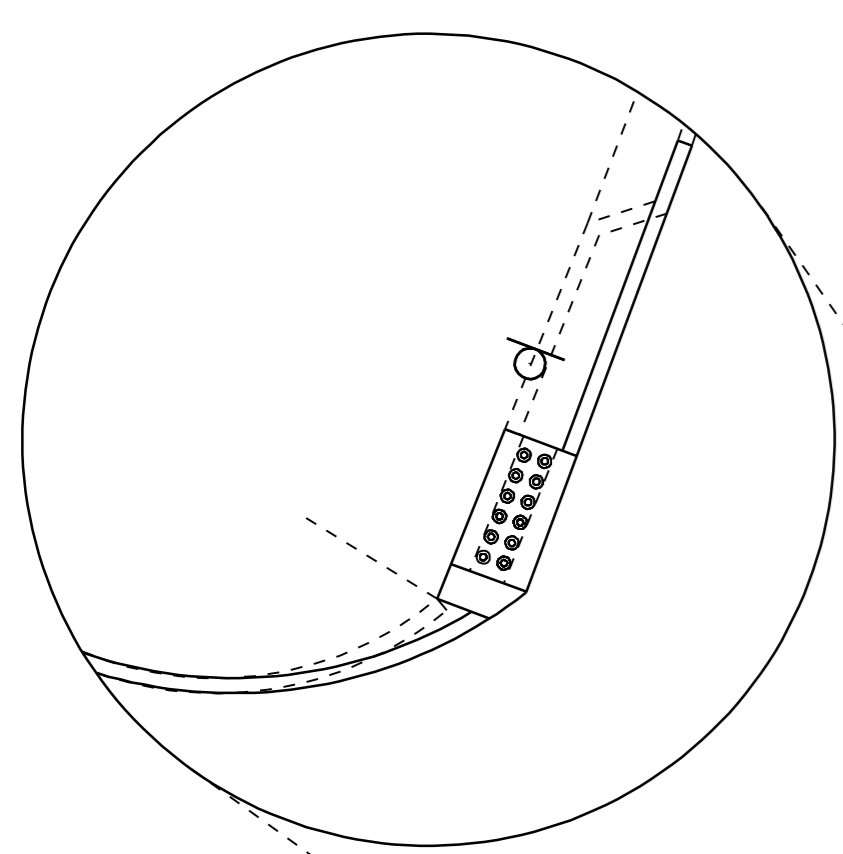
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK

PAVING LAYOUT 22

PROJECT NAME: MIDDLEBURY	FILE NAME: /pave/0ld048/pd048.dgn	PLOT DATE: 06-OCT-2008 13:0
PROJECT NUMBER: STP 2304(I)S	PROJECT LEADER: PTS	DRAWN BY: MRS
	IPARM FILE NAME: pd048i22.i	CHECKED BY: NLL
		SHEET 40 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED



REMOVE JOG IN CURB ON SEYMOUR STREET. EXTEND CURB LINE TO INTERSECTION AND RESET RADIUS TO 7.6 m. CONSTRUCT CONCRETE PAD W/ DETECTABLE WARNING SURFACE BETWEEN NEW CURB LINE AND EXISTING SLATE SIDEWALK.

SEYMOUR ST
SA 5
STA 2+863.06
(MM 1.779)
PAVED

STA 2+827.00
(MM 1.757)
EXIST. PAVED DRIVE

CONCRETE PAD W/DETECTABLE WARNING SURFACE (YELLOW)

METAL HAND RAILING

LANDING 'B' CHURCH

CONSTRUCT SIDEWALK RAMP FROM LANDING 'A' TO LANDING 'B'. INSTALL METAL HAND RAILING (PROVIDED AND INSTALLED BY THE TOWN) ON TOP OF RETAINING WALL ALONG EXIST. SIDEWALK. THE RAMP BETWEEN THE LANDINGS WILL BE 5.0%.

LANDING 'A' W/ DETECTABLE WARNING SURFACE (YELLOW)

REMOVE EXISTING CONCRETE STAIRS AND CONSTRUCT NEW CONCRETE STAIRS (PER STANDARD J-2) AND METAL HAND RAILING. (METAL HAND RAILING WILL BE PROVIDED AND INSTALLED BY THE TOWN OF MIDDLEBURY).

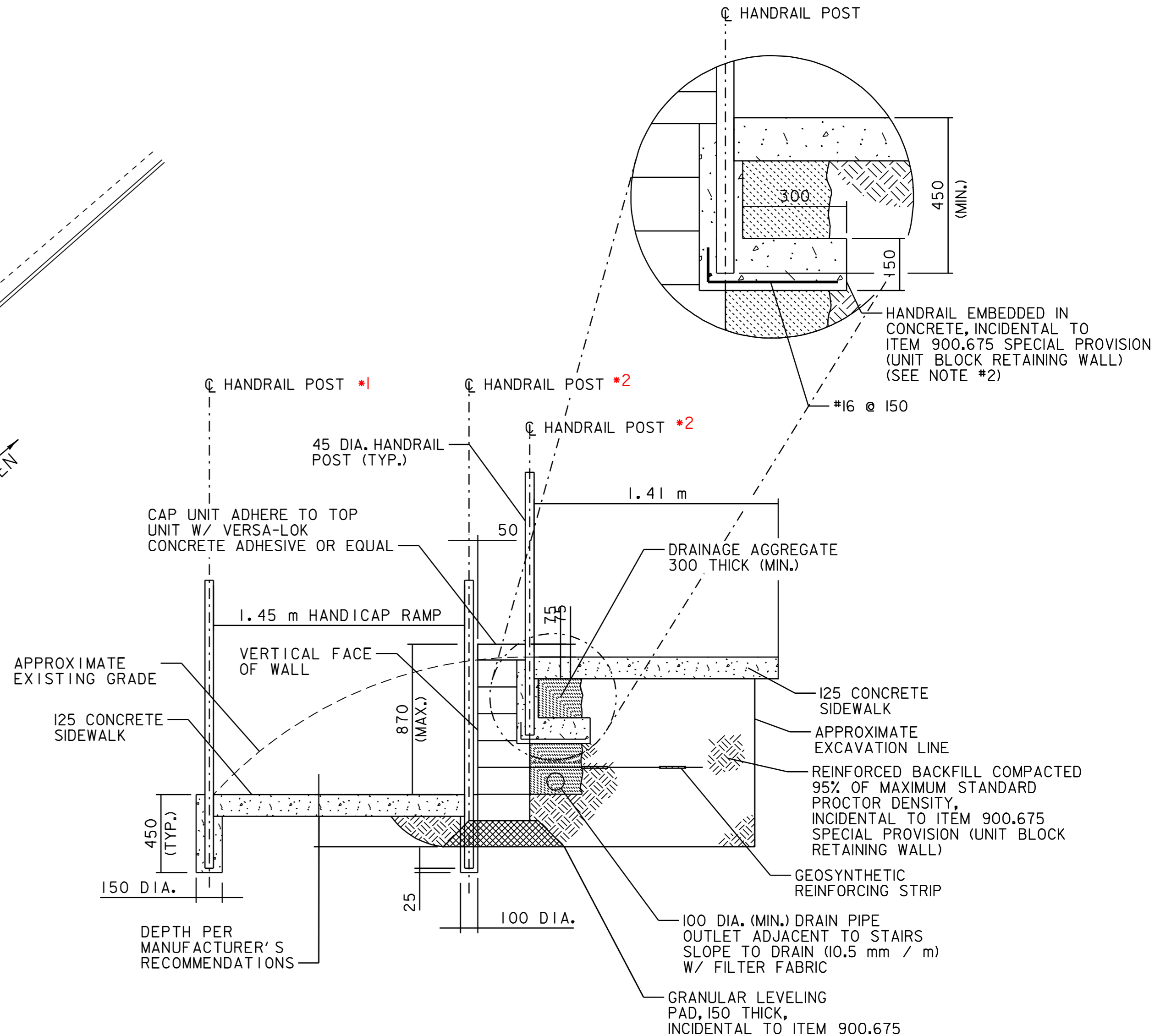
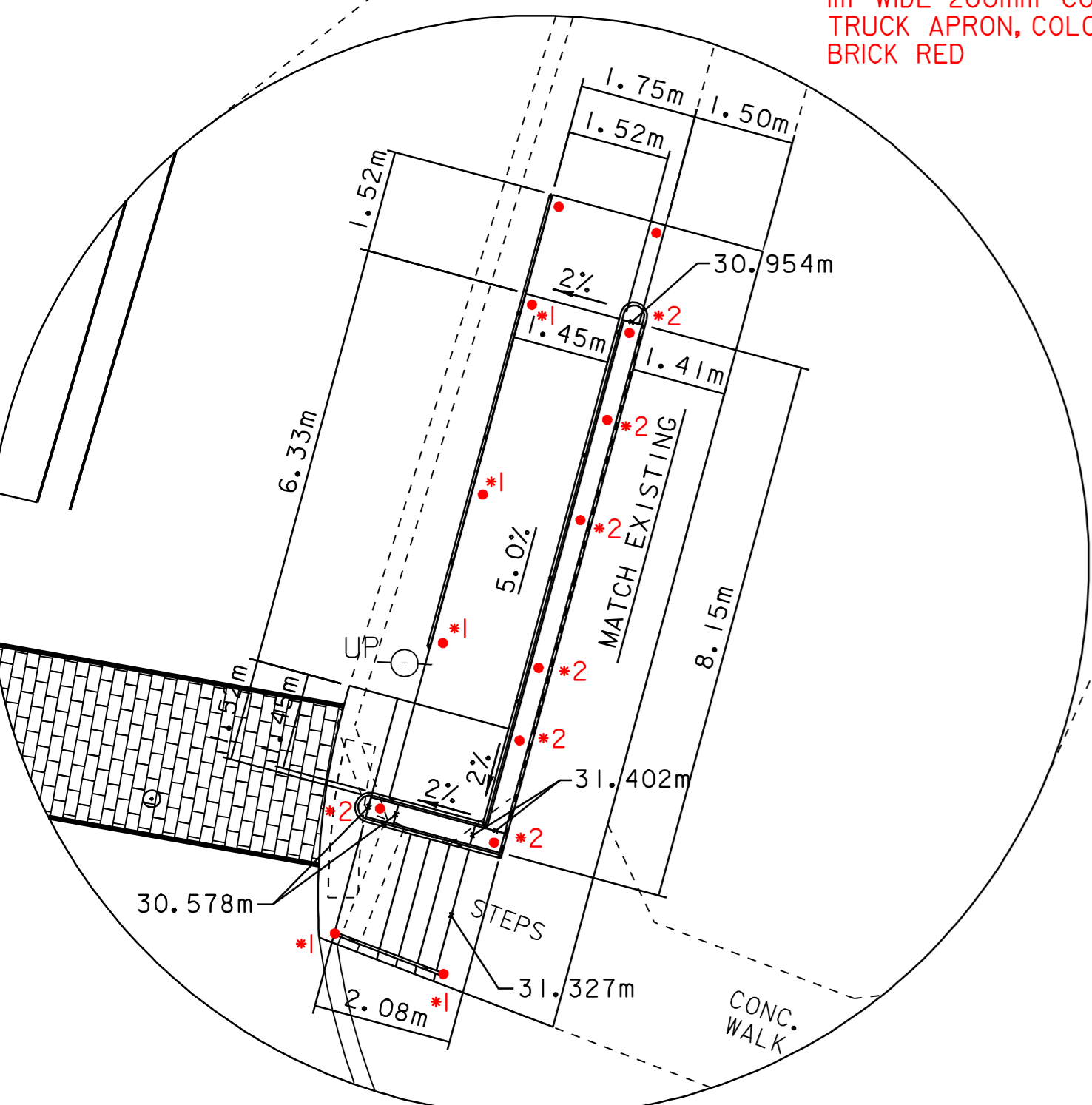
MATCH LINE SEE SHEET #33

VT ROUTE 30 2+840
MIDDLEBURY

NEW TYPE A CONCRETE CURB

REMOVED EXISTING SIDEWALK REPLACED WITH MOUNTABLE CURBS AND TRUCK APRON (COLORED CONCRETE (BRICK))

SEE SHEET 33 OF 103 FOR DETAILS AND STATIONING 1m WIDE 200mm CONCRETE TRUCK APRON, COLORED BRICK RED



UNIT BLOCK RETAINING WALL

NOTE:

1. WALL TO BE MANUFACTURED & DESIGNED BY VERSA-LOK OR APPROVED EQUIVALENT. DETAIL PROVIDED FOR GENERAL INFORMATION ONLY. STAMPED FINAL DESIGN FOR MODULAR BLOCK WALL SYSTEM TO BE PROVIDED BY CONTRACTOR.
2. HANDRAIL SPACING AND TYPE TO BE DETERMINED AND PROVIDED BY THE TOWN PRIOR TO CONSTRUCTING THE WALL. CONCRETE FOR HANDRAIL EMBEDMENT BEHIND WALL IS SUBJECT TO HANDRAIL TYPE AND MAY NOT BE REQUIRED.

NOTES:

- *1) STAINLESS STEEL MOUNTING BRACKETS WERE USED TO MOUNT HANDRAIL. SS BRACKETS WERE CAST INTO THE NEW CONCRETE SIDEWALK RAMP WHERE REQUIRED. HANDRAIL WAS FABRICATED AND INSTALLED BY OTHERS (FOR THE TOWN OF MIDDLEBURY).
- *2) IN ADDITION, THE HANDRAIL FOR THE EASTERN SIDE WAS CORE DRILLED INTO THE RETAINING WALL BLOCKS.

SIDEWALK RAMP DETAIL

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/01d048/pd048.dgn	PLOT DATE:	06-OCT-2008 13:0
PROJECT NUMBER:	STP 2304(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		IPARM FILE NAME:	pd048sr.1	CHECKED BY:	NLL
				SHEET	41 OF 103

NOT TO SCALE

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REQUIRE SIGN	REMARKS	SIGN DETAIL			
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER			STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
																									kg/m							kg/m
MIDDLEBURY VT RTE 30											OPTION ITEMS																					
STA 1+077 RT		2	600	750	0.90					2				X		X												PLACE SIGNS AT EACH END OF ISLAND.	E-144			
		4	600	600	1.44																							BACK TO BACK	E-150			
STA 1+086 RT		1	750	750	0.56					1				X		X													E-143			
STA 1+520 RT		1	750	750	0.56					1				X		X												FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							W16-9P FLUORESCENT YELLOW-GREEN SHEETING				
STA 1+648 LT		1	750	750	0.56					1				X		X												FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+648 RT		1	750	750	0.56					1				X		X												FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+825 RT		1	750	750	0.56					1				X		X												FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+826 LT		1	750	750	0.56					1				X		X												FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			

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

TOTALS	EA	m ²	m ²	EA	m ²	EA	m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	EA	EA	kg
		6.60					36.8																

PROJECT :	MIDDLEBURY	PROJECT NO. :	STP 2304(1)S
DESIGN FILE NAME:	/pave/0ld048/pb048.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	pb048ts01.l	SURVEY DATE:	10-03
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	42 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REQUIREMENTS	REMARKS	SIGN DETAIL				
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
																									kg/m							kg/m
STA 1+910 RT		1	750	750	0.56				1				X															FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+914 LT		1	750	750	0.56				1				X															FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+960 RT		1	600	750	0.45				1				X																E-142			
STA 2+027 RT		1	750	750	0.56				1				X															FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 2+031 LT		1	750	750	0.56				1				X															FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 2+034 LT		1	750	225	0.17				1																			SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN	E-123			
		1	900	225	0.20																							SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	E-123			
																												RETAIN SIGN				
STA 2+220 RT		1	750	750	0.56				1				X															FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	450	0.27																							FLUORESCENT YELLOW-GREEN SHEETING	E-152			

m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg
							27.6											
TOTALS							m	m			kg			EA.	EA.	kg		
							4.61	27.6										

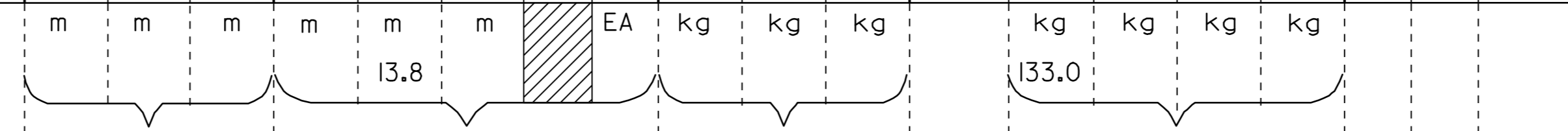
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

PROJECT : MIDDLEBURY PROJECT NO. : STP 2304(I)S
 DESIGN FILE NAME: /pave/0ld048/pb048.dgn
 IPARM FILE NAME: pb048ts02.1
 SURVEYED BY: CLD ENGINEERS INC
 SQUAD LEADER: PTS
 PLOT DATE: 06-OCT-2008 I
 SURVEY DATE: 10-03
 DRAWN BY: MRS
 SHEET: 43 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REQUIRE SIGN	REMARKS	SIGN DETAIL											
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS				FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER			STD. SHEET NUMBER											
												1.7	3.0	4.5	3.4	3.9	5.0	75	100	100 MOD	FOUND-ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE									
																										kg/m							kg/m	kg/m	600 mm	750 mm					
STA 2+735 RT	Main St						1				1																									SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN					
	Merchants Row						1																													SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN					
			750	750	0.56																															BACK TO BACK		E-143			
STA 2+741 LT							1				1																														
STA 2+769 LT		1	300	450	0.14						1																										R7-8M		54		
STA 2+779 RT		1	300	450	0.14						1																											R7-8M		54	
STA 2+813 LT											1																														
											1																														
STA 2+816 LT		1	300	450	0.14						1																											R7-8M		54	
		1	300	150	0.05																																		E-132		
STA 2+853 LT		1	750	750	0.56						1																												FLUORESCENT YELLOW-GREEN SHEETING		E-152
		1	600	450	0.27																																		FLUORESCENT YELLOW-GREEN SHEETING		E-152
STA 2+858 LT		1	750	750	0.56						1																													E-143	
STA 2+867 RT		1			0.35						1																													E-146	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."												m m m m m m m EA				kg kg kg kg				kg kg kg kg				EA EA kg		PROJECT : MIDDLEBURY PROJECT NO. : STP 2304(1)S			
TOTALS												2.77				41.4				41.4				6		DESIGN FILE NAME: /pave/0ld048/pb048.dgn IPARM FILE NAME: pb048ts07.1 SURVEYED BY: CLD ENGINEERS INC SQUAD LEADER: PTS		PLOT DATE: 06-OCT-2008 SURVEY DATE: 10-03 DRAWN BY: MRS SHEET: 48 OF 103	

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL						
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL				FRAMING SIGN	REQUIRED	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
												1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUN-DATION	75	89	100	125	FTG. SIZE		WEIGHT					POST SIZE	
																										kg/m								kg/m
STA 2+875 RT	900 X 900 X 900	1			0.35					1				X		X																E-146		
STA 2+875 RT	← VERGENNES 13	1	1825	300	0.55					2											2	133.0									E-123			
	← BURLINGTON 34 32	1	1825	300	0.55																										E-123			
	BRANDON 18 →	1	1825	300	0.55																										E-123			
	RUTLAND 35 →	1	1825	300	0.55																										E-123			
	NORTH SOUTH	1 1	600 600	300 300	0.18 0.18																				X	SIGN FRAMES E-123				E-136A				
	7 7	1 1	600 600	600 600	0.36 0.36																										E-136A			
	↙ ↘	1 1	525 525	375 375	0.20 0.20																										E-136A			
	END TO	1 1	600 600	300 300	0.18 0.18																										E-136B			
	VERMONT 30 EAST	1 1	600 600	600 300	0.36 0.18																										E-136B			
	VERMONT 125	1	750	600	0.45																										E-136B			
STA 2+878 LT	SPEED LIMIT 25	1	600	750	0.45								X		X																E-142			
STA 2+890 RT	STOP	1	750	750	0.56								X		X																E-143			
	No Left Turn	1	600	600	0.36																										E-143			



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

TOTALS	EA.	m	m	EA.	m ²	EA.	m ²	EA.	m	m	kg	EA.	kg	EA.	EA.	kg
	2				6.75				13.8	13.8		2	133.0			

PROJECT :	MIDDLEBURY	PROJECT NO. :	STP 2304(1)S
DESIGN FILE NAME:	/pave/0ld048/pb048.dgn	PLOT DATE:	06-0CT-2008
IPARM FILE NAME:	pb048ts08.1	SURVEY DATE:	10-03
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	49 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REQUIRE SIGN	REMARKS	SIGN DETAIL			
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS				FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER			STD. SHEET NUMBER			
												1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ACTION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
																										kg/m							kg/m

OPTION ITEMS																																
MIDDLEBURY VT RTE 125																																
STA 0+595 RT		1	750	750	0.56						1					X		X												FLUORESCENT YELLOW-GREEN SHEETING	E-152	
		1	600	450	0.27																									FLUORESCENT YELLOW-GREEN SHEETING	E-152	
STA 0+689 RT	College St	1	900	225	0.20						1					X		X											SALVAGE SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN	E-123		
	Adirondack View																													SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN		
		1	750	750	0.56																										E-143	
STA 0+775 RT	College St	1	900	225	0.20						1					X		X													E-123	
	Hillcrest Rd	1	1050	225	0.24																										E-123	
		1	750	750	0.56																										E-143	
STA 0+919 LT		1	300	450	0.14						1					X		X											R7-8M	54		
STA 1+154 LT	WEST	1	600	300	0.18						1					X		X													E-136B	
		1	750	600	0.45																										E-136B	
STA 1+213 LT	College St	1	900	225	0.20						1					X		X												SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN	E-123	
	Shannon St																														SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	
		1	750	750	0.56																										E-143	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."	m m m m m m EA kg kg kg kg kg kg kg kg																PROJECT : MIDDLEBURY PROJECT NO. : STP 2304(1)S																
	TOTALS	4.12	m ²	m ²	EA.	m ²											27.6																DESIGN FILE NAME: /pave/0ld048/pb048.dgn IPARM FILE NAME: pb048+s09.1 SURVEYED BY: CLD ENGINEERS INC SQUAD LEADER: PTS

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN	REMARKS	SIGN DETAIL						
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)					W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	3.4	5.0	75	100	100 MOD	FOUND-ATION	75	89	100			125	FTG. SIZE			WEIGHT	POST SIZE	
																										kg/m					kg/m
OPTION ITEMS																															
STA 1+217 RT		1	750	750	0.56					1					X		X											FLUORESCENT YELLOW-GREEN SHEETING	E-152		
		1	600	300	0.18																						FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+223 LT		1	750	750	0.56					1				X		X											FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																						FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+230 RT		1	750	750	0.56					1				X		X											FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																						FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+234 LT		1	750	750	0.56					1				X		X											FLUORESCENT YELLOW-GREEN SHEETING	E-152			
		1	600	300	0.18																						FLUORESCENT YELLOW-GREEN SHEETING	E-152			
STA 1+242 RT	College St	1	900	225	0.20					1				X		X											SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN	E-123			
	Storrs Ave	1	900	225	0.20																						SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	E-123			
		1	750	750	0.56																								E-143		
STA 1+255 RT		1	600	750	0.45					1				X		X													E-142		
STA 1+336 RT		1	525	375	0.20					1				X		X													E-136B		
		1	600	600	0.36																								E-136B		

m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	EA.	kg	EA.	EA.	kg	
							32.2													
TOTALS							m	m			kg			EA.	kg			EA.	EA.	kg
							4.93	32.2												

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

PROJECT : MIDDLEBURY PROJECT NO. : STP 2304(1)S
 DESIGN FILE NAME: /pave/0ld048/pb048.dgn IPARM FILE NAME: pb048+sl0.1 PLOT DATE: 06-0CT-2008 I
 SURVEYED BY: CLD ENGINEERS INC SURVEY DATE: 10/03 DRAWN BY: MRS
 SQUAD LEADER: PTS SHEET: 51 OF 103

CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

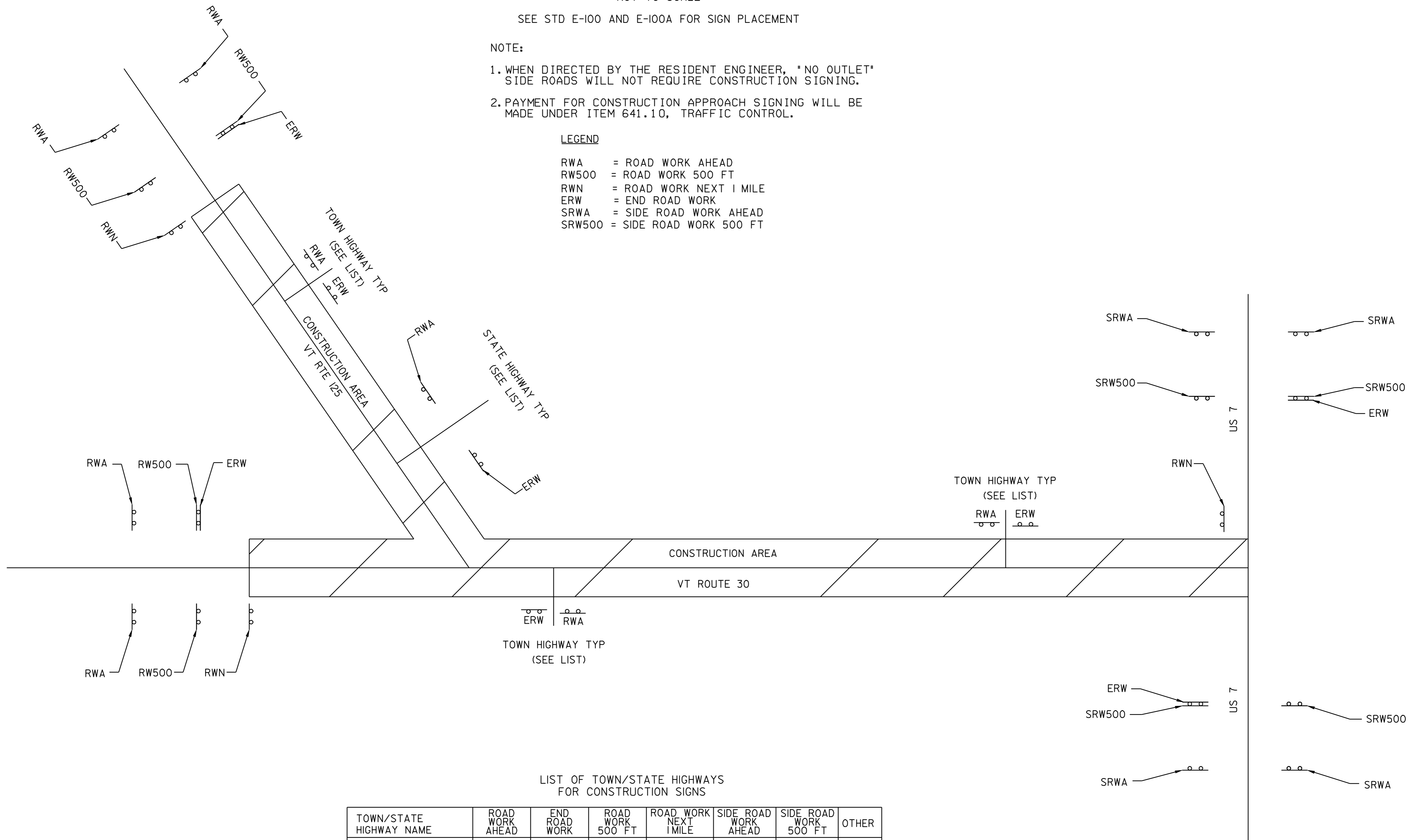
SEE STD E-100 AND E-100A FOR SIGN PLACEMENT

NOTE:

1. WHEN DIRECTED BY THE RESIDENT ENGINEER, "NO OUTLET" SIDE ROADS WILL NOT REQUIRE CONSTRUCTION SIGNING.
2. PAYMENT FOR CONSTRUCTION APPROACH SIGNING WILL BE MADE UNDER ITEM 641.10, TRAFFIC CONTROL.

LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500 FT
- RWN = ROAD WORK NEXT 1 MILE
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500 FT



LIST OF TOWN/STATE HIGHWAYS FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	ROAD WORK NEXT 1 MILE	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500 FT	OTHER
VT ROUTE 30							
TH 96	1	1					
TH 57	1	1					
TH 6	1	1					
TH 51	1	1					
TH 69	1	1					
TH 68	1	1					
TH 51	1	1					
SA 8	1	1					
SA 5	1	1					
VT ROUTE 125	1	1					
TH 59							
TH 58	1	1					
TH 61	1	1					
TH 57	1	1					
VT RTE 23	1	1					
BEGINNING OF PROJECT	4	2	4	2			
END OF PROJECT		2	2	1	4	4	
TOTALS	18	17	6	3	4	4	

CONSTRUCTION APPROACH SIGNING

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/01d048/pd048.dgn	PLOT DATE:	06-OCT-2008 13:00
PROJECT NUMBER:	STP 2304(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		IPARM FILE NAME:	pd048cas.i	CHECKED BY:	NLL
				SHEET	55 OF 103

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWN OF MIDDLEBURY COUNTY OF ADDISON US ROUTE 7

BEGINNING IN MIDDLEBURY ON US ROUTE 7 AT STATION 6+851.0 (MM 4.257) AND EXTENDING NORTHERLY ALONG US ROUTE 7 A DISTANCE OF 2285.25 METERS (1.420 MILES) TO STATION 9+136.25 (MM 5.677). ALL WORK, EXCEPT SIGNING, BETWEEN STATIONS 7+071 TO 7+971 WILL BE PERFORMED UNDER CONTRACT NHG 019-3(52)S.

PROJECT DATA

FROM STA 6+851.0 (MM 4.257) TO STA 9+136.25 (MM 5.677)
 LENGTH OF ROADWAY = 1385.25 METERS (0.861 MILES)
 LENGTH OF PROJECT = 2285.25 METERS (1.420 MILES)

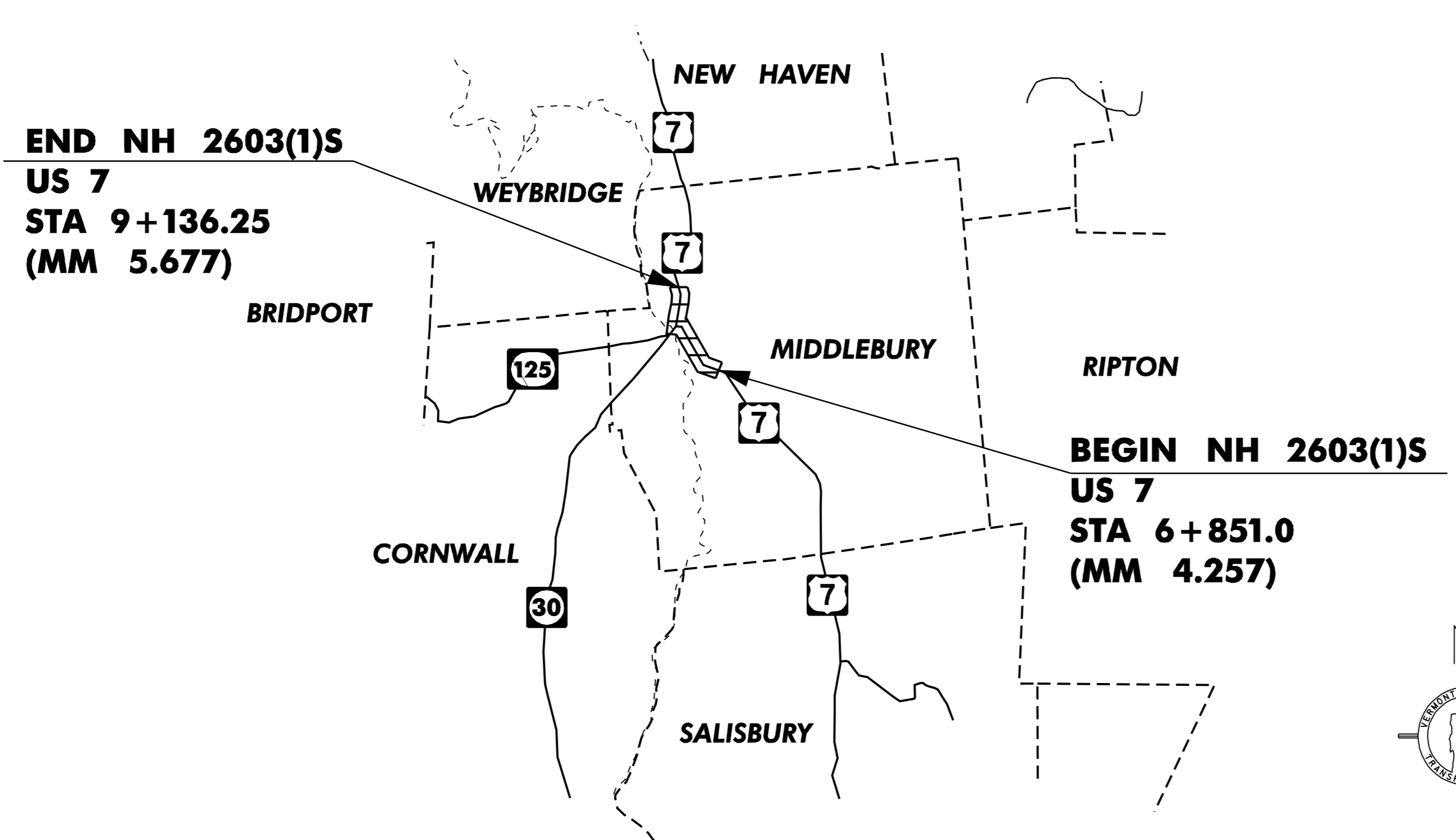
TRAFFIC DATA

(VT US 7)
 MM 4.264 TO MM 5.713

2007	ADT	=	14,600
2007	DHV	=	1,500
2017	ADT	=	15,400
2017	DHV	=	1,600
2027	ADT	=	16,100
2027	DHV	=	1,700
2007-2017	ESALS	=	3,637,000
2007-2027	ESALS	=	8,395,000

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	4,197,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	64-28



UNLESS NOTED OTHERWISE
 ALL DRAWINGS AND DETAILS
 OF THE PROJECT PLANS
 ARE NOT TO SCALE

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

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

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

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

DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED _____	DATE _____
PROJECT MANAGER: MARK WOOLAVER	
PROJECT NAME : MIDDLEBURY	
PROJECT NUMBER : AC NH 2603 (1) S	
SHEET 56 OF 103 SHEETS	

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	

540 Commercial Street
 Manchester, NH 03101
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 Fax: (603) 668-8802
 email: cld@cldegners.com
 Maine • New Hampshire • Vermont



STANDARDS
UPDATED JANUARY 16, 2007

B-71	STANDARDS FOR RESIDENTIAL AND COMMERCIAL DRIVES	07/08/05
C-1	GRANITE SLOPE EDGING, VERTICAL GRANITE CURB CAST IN PLACE CONCRETE CURB	01/03/00
C-3AM	SIDEWALK RAMPS	09/01/04
C-3BM	SIDEWALK RAMPS	09/01/04
D-9	REINFORCED CONCRETE DROP INLET WITH VERTICAL CURB	06/01/94
D-10	TOP FOR A DROP INLET WITH BITUMINOUS CONCRETE CURB	06/01/94
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/CAST IRON GRATE, CAST IRON GRATE WITH FRAME, TYPE E	06/01/94
E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	09/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03/01/04
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	08/18/95
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95
E-111	MINOR MAINTENANCE OPERATION	03/11/97
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08/08/95
E-123	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	03/16/04
E-132	GENERAL MOTORIST SERVICE SIGN DETAILS	08/18/95
E-136A	U.S. ROUTE MARKER SIGN DETAILS	08/08/95
E-136B	STATE ROUTE MARKER SIGN DETAILS	08/08/95
E-138	MILEMARKER DETAILS STATE & TOWN HIGHWAYS	05/30/03
E-140	REGULATORY SIGN DETAILS	08/30/96
E-142	REGULATORY SIGN DETAILS	09/20/95
E-143	REGULATORY SIGN DETAILS	06/15/04
E-144	REGULATORY SIGN DETAILS	03/29/99
E-145A	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS TWO AND FOUR LANE APPROACHES	12/23/94
E-146	REGULATORY SIGN DETAILS	09/20/95
E-150	WARNING SIGN DETAIL	05/01/04
E-151	WARNING SIGN DETAIL	05/01/04
E-152	WARNING SIGN DETAIL	05/01/04
E-153	WARNING SIGN DETAIL	05/01/04
E-154	WARNING SIGN DETAIL	05/01/04
E-164	SQUARE STEEL SIGN POST	05/20/99
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DETAILS	08/18/95
J-2	STANDARD CONCRETE STEPS METAL HAND RAILING	06/01/94

INDEX OF SHEETS

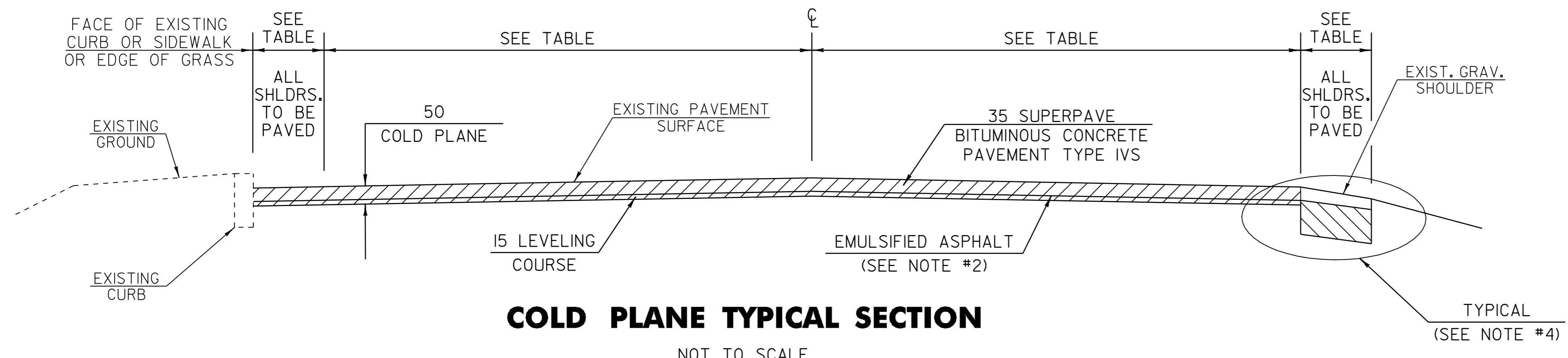
56	TITLE SHEET
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58-59	PROJECT TYPICAL SHEETS
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62-63	ITEM DETAIL SHEETS
64	DITCH CLEANING SHEET
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85-100	TRAFFIC SIGN SUMMARY SHEETS
101	MISCELLANEOUS DETAIL SHEET
102	VEHICLE LOOP DETECTOR SHEET
103	CONSTRUCTION APPROACH SIGNING SHEET

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PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	NH 2603(I)S
FILE NAME:	/pave/06b032/p06b032.dgn
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	p06b032ts.i
PLOT DATE:	06-OCT-2008 13:1
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	57 OF 103

GENERAL NOTES:

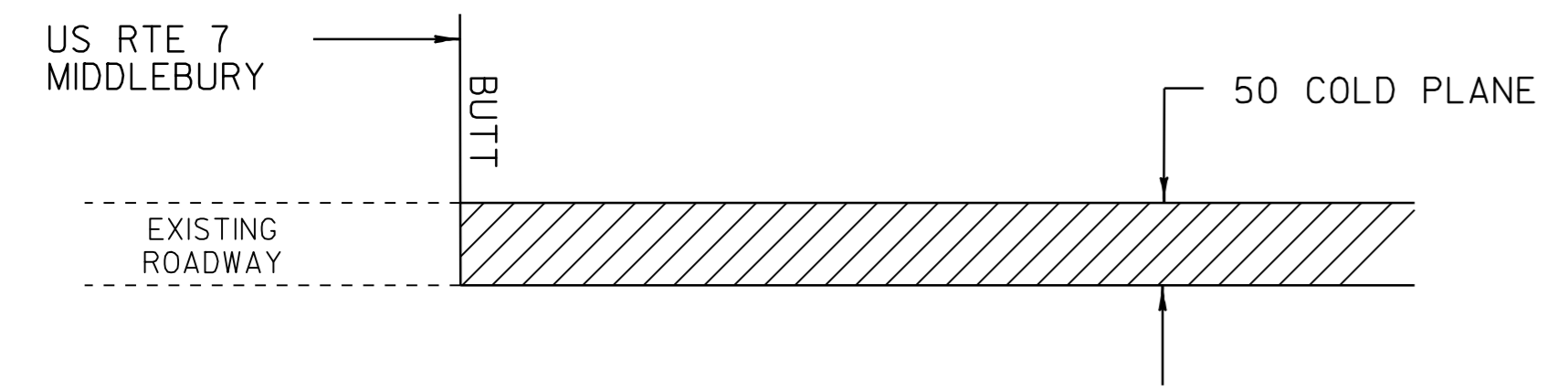
- THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS AND 15mm IN DEPTH, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE (PG 64-28).
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 5 mm +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm +/- OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED.
- COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS PAVEMENT (PG 64-28).
- ALL DRIVES WILL BE PAVED TO THE SIDEWALK AND MAILBOX TURNOUTS SHALL RECEIVE A 1 METER PAVED APRON AT THE NECESSARY LOCATIONS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAVER SHALL FEATHER APRON OVER THE EXISTING SURFACE.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.I3, AGGREGATE SHOULDERS, RAP.
- ALL BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.I3, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- ITEM 604.40 IS ESTIMATED AND SHALL BE PERFORMED AT LOCATIONS ON THE LAYOUT SHEETS AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATIONS LEVEL WITH THE SURROUNDING TERRAIN.
- GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
- COLD PLANE GRINDINGS TO REMAIN THE PROPERTY OF THE STATE OF VERMONT AND TO BE USED ON THE PROJECT FOR SHOULDER BACKING, PAYABLE UNDER ITEM 402.I3 AGGREGATE SHOULDERS, RAP.
- SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES MANUFACTURED BY NEENAH FOUNDRY OR ANOTHER EQUAL CAST IRON PRODUCT FROM THE AGENCY'S APPROVED PRODUCTS LIST. COLOR SHALL BE GRAY.



COLD PLANE TYPICAL SECTION

NOT TO SCALE

MIDDLEBURY
 STA 6+851.0 TO STA 7+071.00 US ROUTE 7
 STA 7+971.0 TO STA 9+136.25 US ROUTE 7

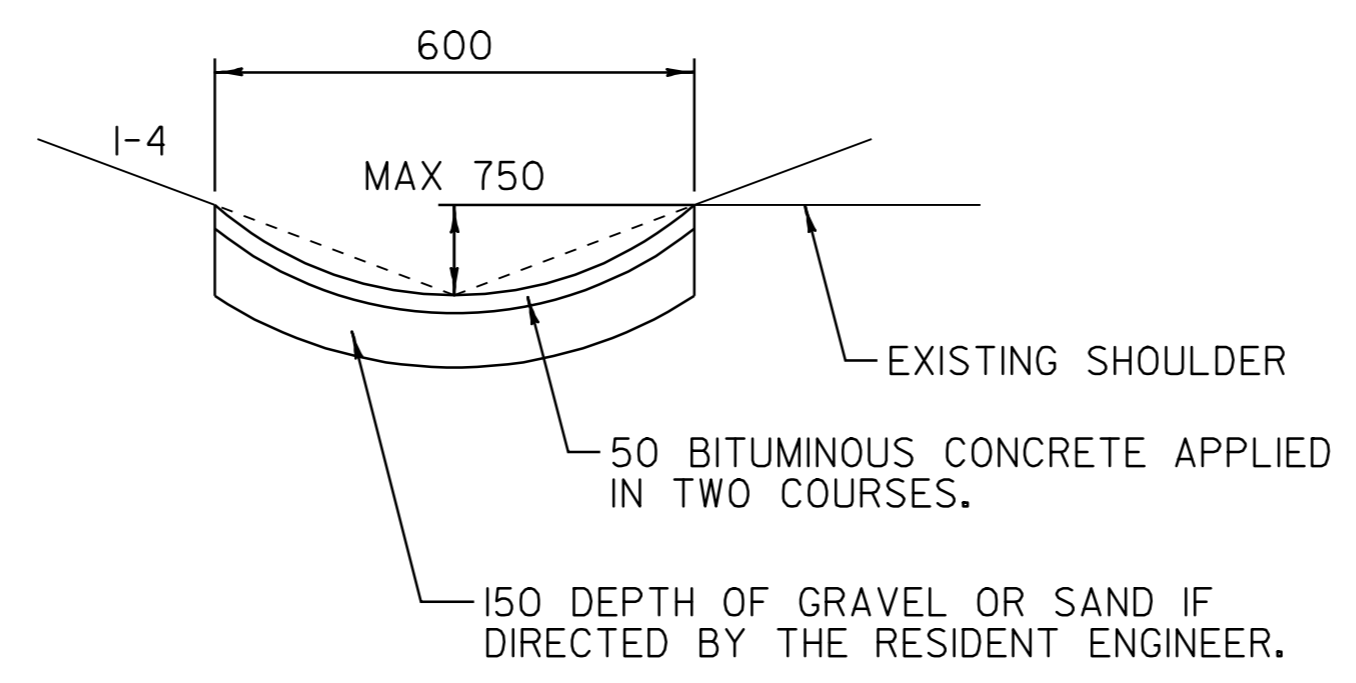


APPROACH AREA DETAIL

NOT TO SCALE

LOCATION

- STA 6+851 US RTE 7 - BEGIN COLD PLANE
- STA 7+071 US RTE 7 - STOP COLD PLANE
- STA 7+971 US RTE 7 - RESUME COLD PLANING
- STA 8+010 US RTE 7 (TH 06) - END COLD PLANING
- STA 8+327 US RTE 7 (SA 07) - END COLD PLANING
- STA 8+332 US RTE 7 (TH 71) - END COLD PLANING
- STA 8+522 US RTE 7 (TH 75) - END COLD PLANING
- STA 8+529 US RTE 7 (TH 72) - END COLD PLANING
- STA 9+076 US RTE 7 (TH 74) - END COLD PLANING
- STA 9+136.25 US RTE 7 - END COLD PLANING
- STA 1+045 US RTE 7 (SA 08) - END COLD PLANING
- STA 1+049 US RTE 7 (TH 47) - END COLD PLANING



BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

NOT TO SCALE

LOCATION

STA 8+675 TO 8+722 RT
 STA 8+840 TO 9+133 LT

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BASE DEPTH (mm)	LEVELING DEPTH (mm)	TOTAL (T)	NOTES
MIDDLEBURY	6+851	7+071	VARIES SEE LAYOUT	35		15	96	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
US RTE 7	7+971	8+602	VARIES SEE LAYOUT	35		15	291	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
	8+602	9+028	0.7-3.3-3.3-0.7	35		15	123	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
	9+028	9+137	VARIES SEE LAYOUT	35		15	32	COLD PLANE 50, LEVEL 15 AND OVERLAY 35
	1+018	1+110	VARIES SEE LAYOUT	35		15	38	COLD PLANE 50, LEVEL 15 AND OVERLAY 35

SEEDING FORMULA URBAN AREA

% MASS	kg/ha	NAME	PUR %	GERM %
42.5	38.0	CREeping RED FESCUE	98	85
10.0	9.0	PERENNIAL RYE GRASS	95	90
42.5	38.0	KENTUCKY BLUE GRASS	85	85
5.0	5.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

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

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

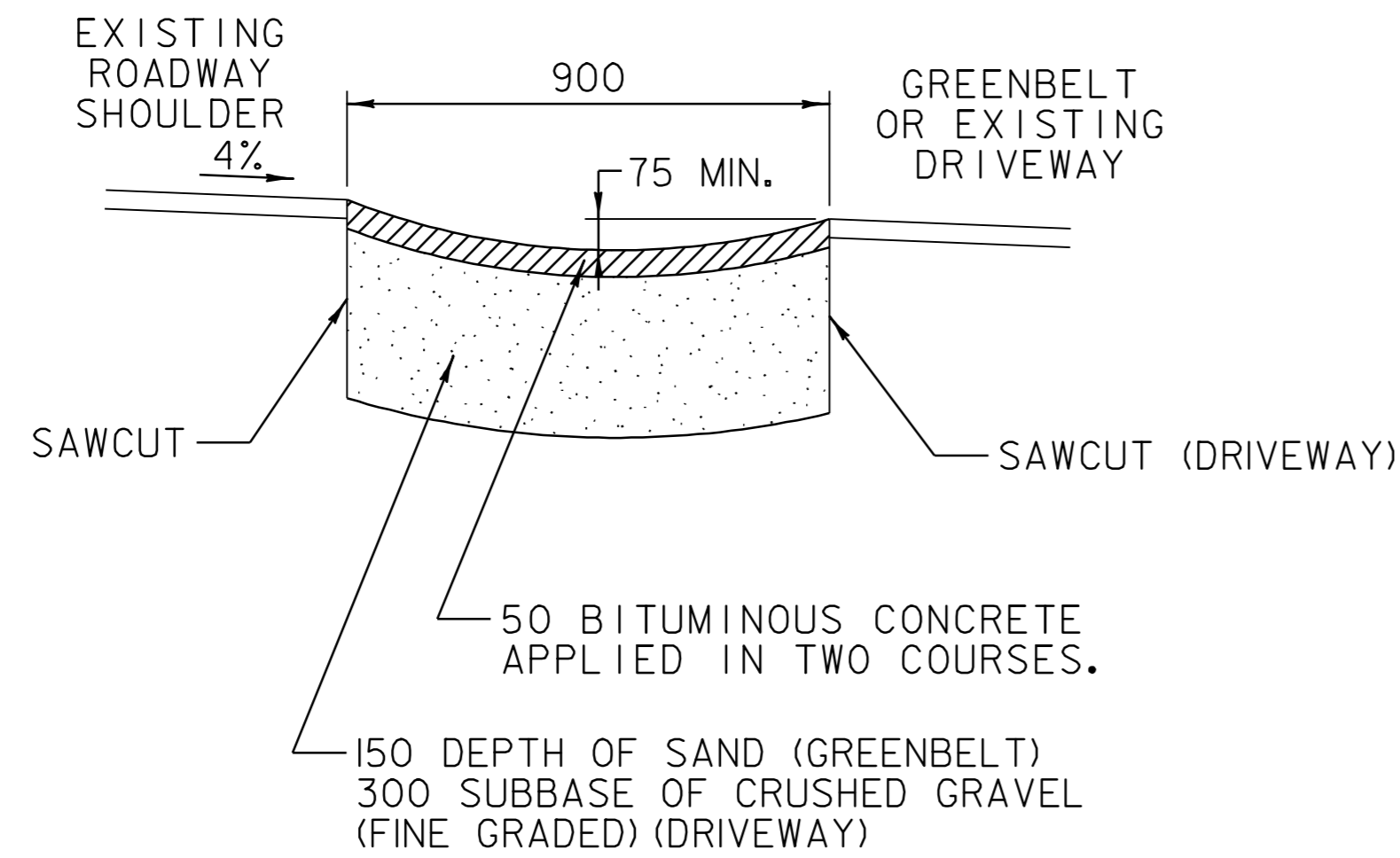
AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

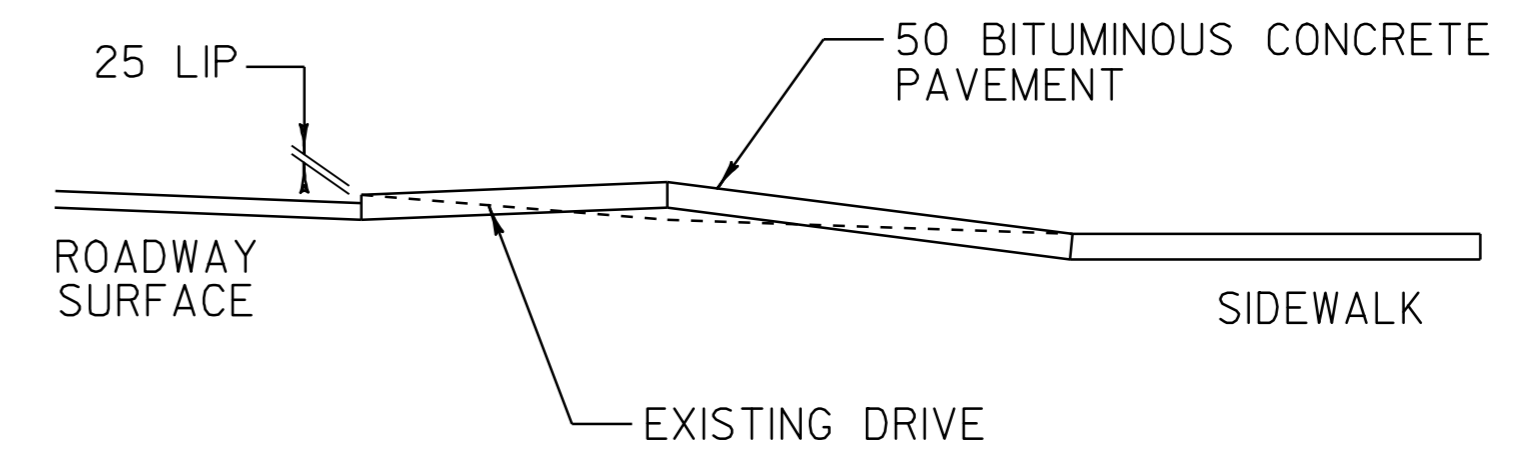
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT TYPICAL SHEET 1	PROJECT NAME: MIDDLEBURY
	PROJECT NUMBER: NH 2603(I)S
	FILE NAME: /pave/06b032/p06b032.dgn
	PROJECT LEADER: PTS
DESIGNED BY: NLL	DRAWN BY: MRS
IPARM FILE NAME: p06b032+sl	CHECKED BY: NLL
	SHEET 58 OF 103

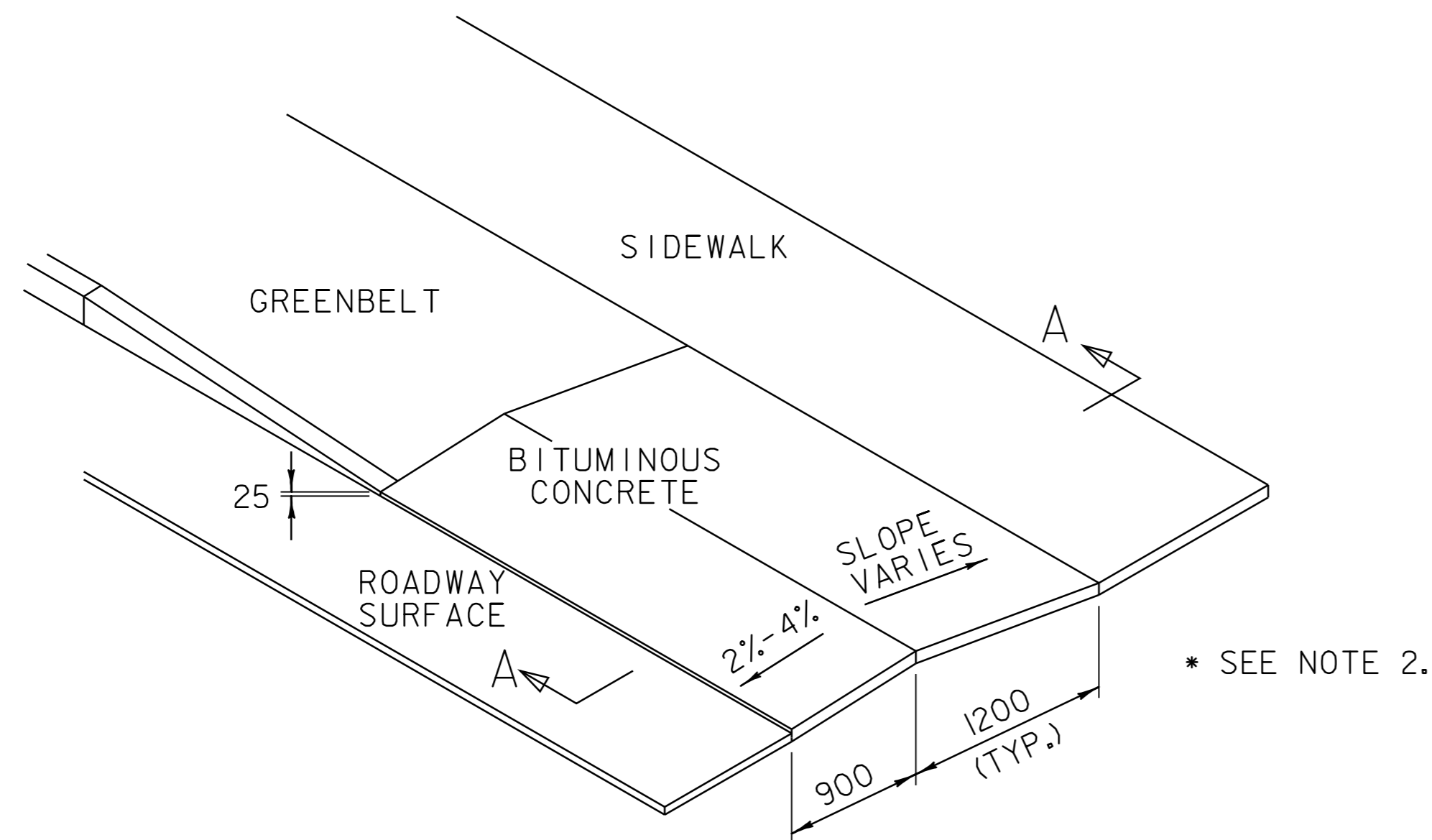
NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED



**BITUMINOUS CONCRETE GUTTER
ACROSS DRIVES**
NOT TO SCALE



SECTION A-A
NOT TO SCALE

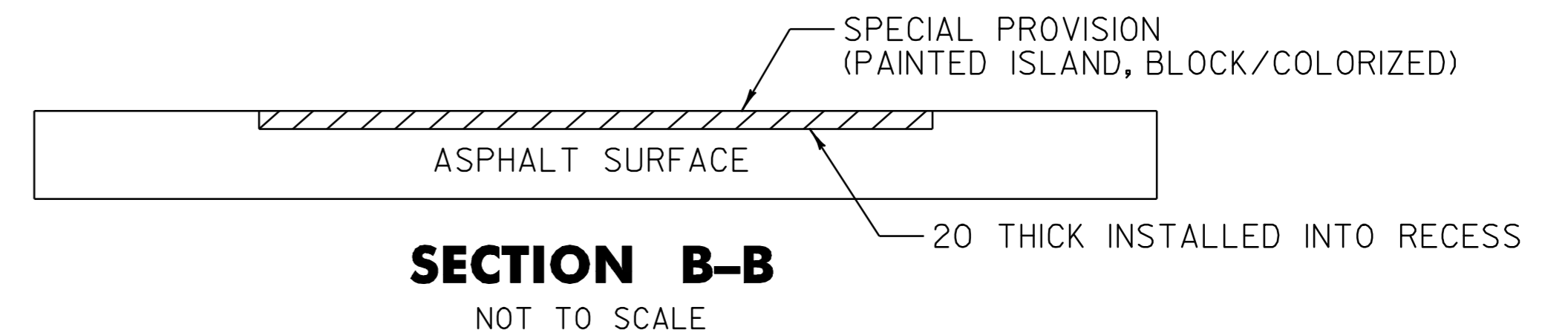


DRIVEWAY LIP DETAIL
NOT TO SCALE

NOTES:

1. FOR USE AT DRIVES WHERE DRAINAGE IMPROVEMENTS ARE REQUESTED OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. TYPICAL DRIVEWAY SLOPE SHOWN. ADJUST TO MATCH EXISTING CONDITIONS.

* SEE NOTE 2.



SECTION B-B
NOT TO SCALE

**PROJECT
TYPICAL
SHEET 2**

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:1
PROJECT NUMBER: NH 2603(1)S	DRAWN BY: MRS
FILE NAME: /pave/06b032/p06b032.dgn	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 59 OF 103
DESIGNED BY: NLL	
IPARM FILE NAME: p06b032+s2.t	

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

QUANTITY SHEET 1



SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
								ROADWAY	ROADWAY (NO FED./ STATE PART.)	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
								10			10		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	2			
								120	190		310		CM	COMMON EXCAVATION	203.15	5.2			
								2			2		CM	SOLID ROCK EXCAVATION	203.16	0.4			
								30			30		CM	SAND BORROW	203.31	2.7			
									375		375		CM	TRENCH EXCAVATION OF EARTH	204.20	5.3			
								0.5			0.5		CM	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
									30		30		CM	GRANULAR BACKFILL FOR STRUCTURES	204.30	0.2			
								17200			17200		SM	COLD PLANING, BITUMINOUS PAVEMENT	210.10	185			
								270	320		590		T	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	8.6			
								145			145		T	AGGREGATE SHOULDERS, RAP	402.13	4			
								3910			3910		KG	EMULSIFIED ASPHALT	404.65	46			
								0.5			0.5		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			
								2200			2200		T	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	490.30	49			
								0.5			0.5		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31				
									75		75		KG	REINFORCING STEEL	507.15	-			
								1.1	0.9		2		CM	CONCRETE, CLASS B	541.25	-			
														BEGIN OPTION AA					
									130		130		M	450 CSP 1.63 (68 X 12)	601.0015	3.9			
									130		130		M	450 PCCSP 1.63 (68 X 12)	601.0415	3.9			
									130		130		M	450 RCP CLASS III	601.0815	3.9			
									130		130		M	450 CPEP(SL)	601.2615	3.9			
														END OPTION AA					
									3		3		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.20	-			
								23			23		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-			
								1			1		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-			
								8			8		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-			
								20			20		HR	POWER GRADER RENTAL	608.15	3			
								23			23		HR	POWER BROOM RENTAL, TYPE II	608.31	1			
								2480			2480		CM	DUST CONTROL WITH WATER	609.10	27			
									20		20		M	GRANITE SLOPE EDGING	616.20	1.5			
								5	290		295		M	VERTICAL GRANITE CURB	616.21	5.7			
								180	225		405		M	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	9			
								20			20		T	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1			
								225	32		257		SM	PORTLAND CEMENT CONCRETE SIDEWALK, 125 MM	618.10	3.6			
									11		11		SM	PORTLAND CEMENT CONCRETE SIDEWALK, 200 MM	618.11	0.3			
								35			35		SM	DETECTABLE WARNING SURFACE	618.30	2.3			
								8			8		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-			
								205			205		HR	UNIFORMED TRAFFIC OFFICERS	630.10	5			
								215	15		230		HR	FLAGGERS	630.15	4			
										0.5	0.5		LS	FIELD OFFICE, ENGINEERS	631.10	-			

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: NH 2603(1)S

FILE NAME: PB032
PROJECT MANAGER: PTS
DESIGNED BY: NLL
QUANTITY SHEET #1


PLOT DATE: 03/20/2007
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 60 OF 103

QUANTITY SHEET 2




SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
								ROADWAY	ROADWAY (NO FED./ STATE PART.)	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
										0.5	0.5		LS	TESTING EQUIPMENT, CONCRETE	631.16	-			
										0.5	0.5		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
										0.5	0.5		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
								0.5			0.5		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
								0.5			0.5		LS	TRAFFIC CONTROL	641.10	-			
								0.5			0.5		LS	PUBLIC RELATIONS OFFICER	641.12	-			
								2			2		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15				
								280			280		M	DURABLE 100 MM WHITE LINE, TYPE I TAPE	646.401	3			
								2865			2865		M	DURABLE 100 MM WHITE LINE, THERMOPLASTIC	646.402	33			
								2850			2850		M	DURABLE 100 MM YELLOW LINE, THERMOPLASTIC	646.412	31			
								75			75		M	DURABLE 200 MM YELLOW LINE, THERMOPLASTIC	646.452	3.6			
								50			50		M	DURABLE 600 MM STOP BAR, TYPE I TAPE	646.481	4.5			
								93			93		EACH	DURABLE LETTER OR SYMBOL, TYPE I TAPE	646.491	-			
								6285			6285		M	TEMPORARY 100 MM WHITE LINE, PAINT	646.602	69			
								5700			5700		M	TEMPORARY 100 MM YELLOW LINE, PAINT	646.612	63			
								95			95		M	TEMPORARY 600 MM STOP BAR, PAINT	646.682	4			
								128			128		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-			
								435			435		M	TEMPORARY CROSSWALK MARKING, PAINT	646.702	8.2			
								370			370		EACH	LINE STRIPING TARGETS	646.76	7			
								15			15		KG	SEED	651.15	-			
								115			115		KG	FERTILIZER	651.18	-			
								1			1		T	AGRICULTURAL LIMESTONE	651.20	-			
								1			1		T	HAYMULCH	651.25	-			
								20			20		CM	TOPSOIL	651.35	-			
								80			80		SM	TRAFFIC SIGNS, TYPE A	675.20	1.15			
								115			115		KG	TUBULAR STEEL SIGN POST	675.33	2			
								530			530		M	SQUARE TUBE SIGN POST AND ANCHOR	675.341	5.6			
								2			2		EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-			
								232			232		EACH	REMOVING SIGNS	675.50	-			
								30			30		EACH	ERECTING SALVAGED SIGNS	675.60	-			
								345			345		M	VEHICLE LOOP DETECTOR	678.22	5			
								0.5			0.5		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-			
								220			220		M	SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORZED)	900.640	6.6			
								130			130		SM	SPECIAL PROVISION (IMPRINTED/COLORIZED SURFACE)	900.675				

PROJECT NAME:	MIDDLEBURY
PROJECT NUMBER:	NH 2603(1)S
FILE NAME: PB032	PLOT DATE: 03/20/2007
PROJECT MANAGER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
QUANTITY SHEET #2	SHEET 61 OF 103

LOCATION			CURBED SIDEWALKS							DROP INLETS			MISC.		REMARKS	
STATION	STATION	POS.	203.15 COMM. EXCAV.	203.16 SOLID ROCK EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.20 GRANITE SLOPE EDGING	616.21 VERTICAL GRANITE CURB	616.28 CAST IN-PLACE CONC. CURB TYPE B	618.10 PORT. CEM. CONC. SDWK. 125 mm	618.11 PORT. CEM. CONC. SDWK. 200 mm	604.40 CHANGING ELEVATION DI, CB, OR MH	604.412 REHAB. DI, CB OR MH, CLASS I	604.42 CHANGE ELEV. OF SMH	629.20 ADJUST ELEV. OF VALVE BOX EA		
MIDDLEBURY US 7 ROADWAY			m3	m3	+	m	m	m	m2	m2	EA	EA	EA			
I+000	I+120	RT<									4		1	2	FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER	
6+851	7+071	RT<									6					
7+971	9+136.25	RT<									13	1	7	6		
I+040		RT	4.4		6.8			6.0	7.8						CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE	
I+044		RT	5.3		7.9			6.6	10.7						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
I+047		RT	5.3		7.9			6.6	10.7						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
I+051		RT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
I+053		LT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
I+055		RT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
I+107		LT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
I+109		RT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
6+858		LT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
6+859		RT	4.4		6.8			6.0	7.8						CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE	
6+871		LT	1.2		2.0			1.5	1.9						CONSTRUCT CONCRETE PAD W/DETECTABLE WARNING SURFACE	
7+990		RT	3.9		7.8			5.8	7.1						CONSTRUCT SIDEWALK RAMP TYPE 5 W/ DETECTABLE WARNING SURFACE	
7+996		RT	4.8		7.2			5.7	9.6						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
8+006	8+021	RT						27.0							CONSTRUCT BULB OUT	
8+011	8+017	RT	6.0		8.6			5.7	14.4						REMOVE PEDESTRIAN RAMP, RECONSTRUCT SIDEWALK	
8+048		RT	4.8		7.2			5.7	9.6						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
8+048		LT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
8+122	8+132	LT	5.4		7.6		4.0		14.2						REMOVE PEDESTRIAN RAMP, RECONSTRUCT SIDEWALK	
8+132	8+142	RT	6.9		14.9				15.8						CONSTRUCT SIDEWALK RAMP W/DETECTABLE WARNING SURFACE	
8+132		LT	4.2		6.2			5.7	7.8						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
8+147		LT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
8+172	8+182	RT	4.4	1.6	10.1			3.8	18.1						CONSTRUCT SIDEWALK RAMP W/DETECTABLE WARNING SURFACE, REMOVE EXISTING STAIRS	
8+327		LT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
8+331		LT	0.9		1.5				2.2						CONSTRUCT SIDEWALK LANDING	
8+516		RT	3.6		5.7			6.4	4.4						CONSTRUCT SIDEWALK RAMP TYPE 1W/ DETECTABLE WARNING SURFACE	
8+518		LT	5.3		7.9			6.6	10.7						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
8+524		RT	5.3		7.9			6.6	10.7						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
8+531		RT	4.4		6.8			6.0	7.8						CONSTRUCT SIDEWALK RAMP TYPE 2 W/ DETECTABLE WARNING SURFACE	
8+533		LT	5.3		7.9			6.6	10.7						CONSTRUCT SIDEWALK RAMP TYPE 6 W/ DETECTABLE WARNING SURFACE	
8+675	8+722	RT												1	PAVED GUTTER	
8+840	9+133	LT			75.1									18	PAVED GUTTER	
ROADWAY SUBTOTAL			118.2	1.6	265.1		4.0	175.9	221.6		23.0	1.0	8.0	8.0	19.0	
ROUNDING			1.8	0.4	4.9		1.0	4.1	3.4		0.0	0.0	0.0	0.0	1.0	
ROADWAY TOTAL			120.0	2.0	270.0		5.0	180.0	225.0		23.0	1.0	8.0	8.0	20.0	

**ITEM
DETAIL
SHEET 1**

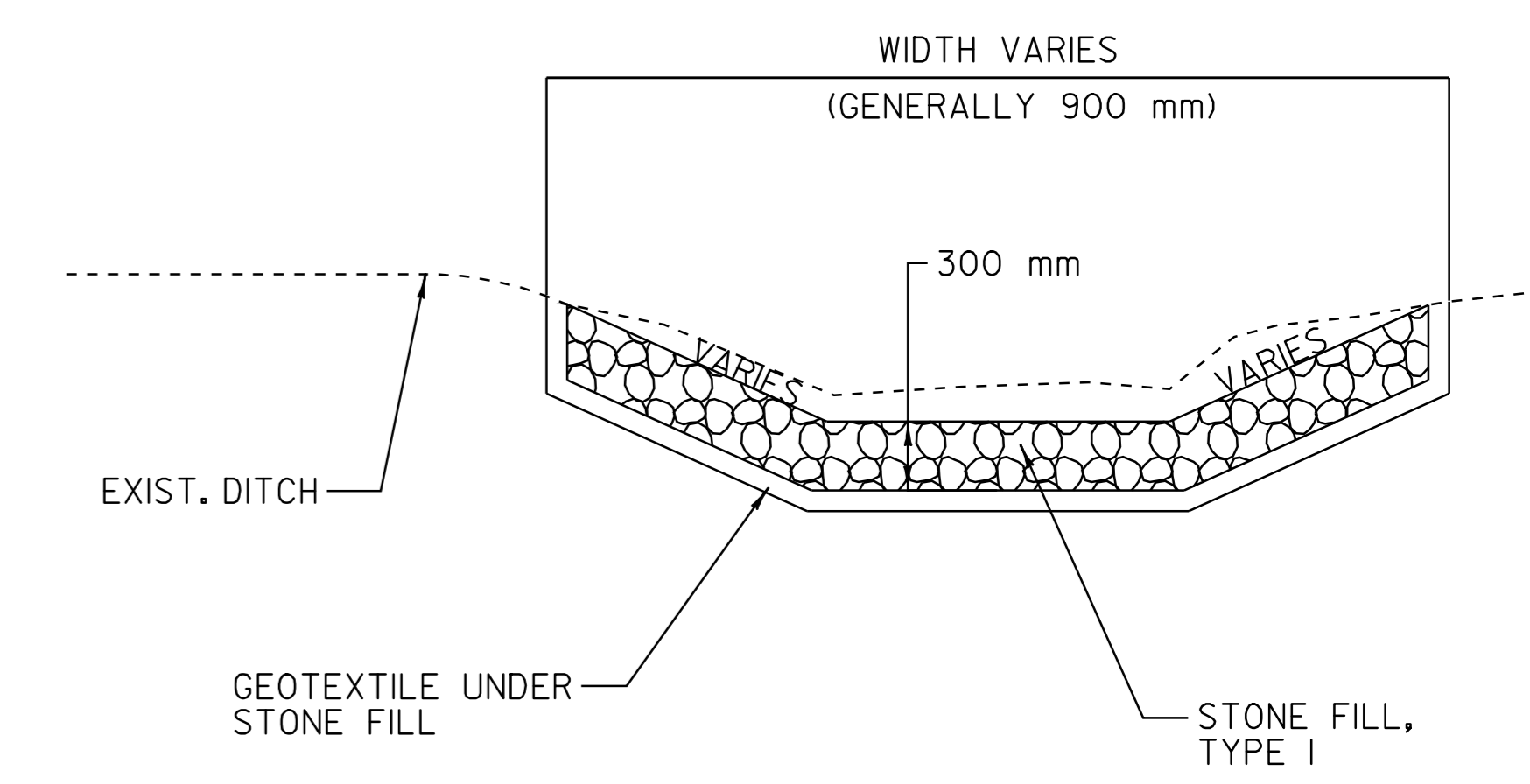
PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(1)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 1
IPARM FILE NAME:	p06b0321dl1	SURVEY DATE:	10/03
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	62 OF 103

LOCATION			CURBED SIDEWALKS						DROP INLETS				MISC.				REMARKS	
STATION	STATION	POS.	203.15 COMM. EXCAV.	203.16 SOLID ROCK EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.20 GRANITE SLOPE EDGING	616.21 VERTICAL GRANITE CURB	616.28 CAST IN-PLACE CONC. CURB TYPE B	618.10 PORT. CEM. CONC. SDWK. 125 mm	618.11 PORT. CEM. CONC. SDWK. 200 mm	604.40 CHANGING ELEVATION DI, CB, OR MH	604.412 REHAB. DI, CB OR MH, CLASS I	604.42 CHANGE ELEV. OF SMH	629.20 ADJUST ELEV. OF VALVE BOX	616.47 BIT. CONC. GUTTERS TRAFFIC ISLANDS			
ROADWAY (NO FED./STATE PARTICIPATION)			m3	m3	+	m	m	m	m2	m2	EA	EA	EA	EA	+			
I+000	I+044	RT	14.7		25.3		44.0											
I+019	I+115	LT	29.6		51.0		89.0											
I+056	I+108	RT	17.3		29.8			52.0										
7+964	8+065	LT	32.8		56.5		102.3											
8+084	8+109	LT	8.4		14.4		25.0											
8+109	8+127	LT	11.7		20.2	18.5			10.7						CONSTRUCT TRUCK APRON			
8+127	8+130	LT	7.5		8.1			31.8							REMOVE PEDESTRIAN RAMP, RECONSTRUCT SIDEWALK			
8+132	8+159	RT	9.2		15.8			27.4										
8+145	8+170	LT	8.4		14.4		25.0											
8+163	8+182	RT	6.6		11.4			19.9							REGRADE GRASS PANEL BETWEEN CURB AND SIDEWALK			
8+185	8+214	RT	9.7		16.6			28.9										
8+218	8+263	RT	15.5		26.7			46.5										
8+269	8+315	RT	15.2		26.1			45.4										
ROADWAY (NO FED./STATE PARTICIPATION)			186.6		316.3	18.5	285.3	220.1	31.8	10.7								
ROUNDING			3.4		3.7	1.5	4.7	4.9	0.2	0.3								
TOTAL			190.0		320.0	20.0	290.0	225.0	32.0	11.0								
PROJECT SUBTOTAL			304.8	1.6	581.4	18.5	289.3	396.0	253.4	10.7	23.0	1.0	8.0	8.0	19.0			
PROJECT ROUNDING			5.2	0.4	8.6	1.5	5.7	9.0	3.6	0.3	0.0	0.0	0.0	0.0	1.0			
PROJECT TOTAL			310.0	2.0	590.0	20.0	295.0	405.0	257.0	11.0	23.0	1.0	8.0	8.0	20.0			

**ITEM
DETAIL
SHEET 2**

PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(1)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	\$\$\$\$\$DATE\$
IPARM FILE NAME:	p06b0321d02.1	SURVEY DATE:	10/03
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	63 OF 103
CLD 06-0184			

LOCATION				FEET OF DITCHING			MISC. ITEMS			REMARKS	LOCATION				FEET OF DITCHING			MISC. ITEMS			REMARKS						
SITE	STATION	STATION	POS.	PERCENT GRADE			613.10	649.31	653.21		STONE FILL TYP. I	GEO. UNDER STONE FILL	PERM. EROS. MATT.	SITE	STATION	STATION	POS.	PERCENT GRADE				613.10	649.31	653.21	STONE FILL TYP. I	GEO. UNDER STONE FILL	PERM. EROS. MATT.
				0-1	1-2.5	2.5-10												0-1	1-2.5	2.5-10							
US ROUTE 7, MIDDLEBURY				m	m	m	m3	m2	m2									m	m	m	m3	m2	m2				
1	8+599	8+657	LT	58																							
2	8+671	8+693	LT	22																							
3	8+698	8+826	LT	128																							
PROJECT SUBTOTALS				208																							
ROUNDINGS				2																							
PROJECT TOTALS				210																							



DITCH DETAIL

NOT TO SCALE

NOTES:
 PIPE INLET AND OUTLET AREA'S 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).

DITCH CLEANING

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032dc.i	SHEET	64 OF 103

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 6+851 TO 6+950 SOLID RT
 STA 6+851 TO 6+859 SOLID LT
 STA 6+871 TO 6+950 SOLID LT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 6+851 TO 6+859 SOLID LT & RT
 STA 6+865 DOUBLE SOLID LT (TH 19)
 STA 6+871 TO 6+950 SOLID LT & RT

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE 1 TAPE
 STA 6+860 TO 6+865 LT (TH 19)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE
 STA 6+862 LT - "STOP" (TH 19)

TEMPORARY CROSSWALK MARKING, PAINT
 STA 6+858 TO 6+871 LT (TH 19)
 STA 6+858 TO 6+859 RT TO LT

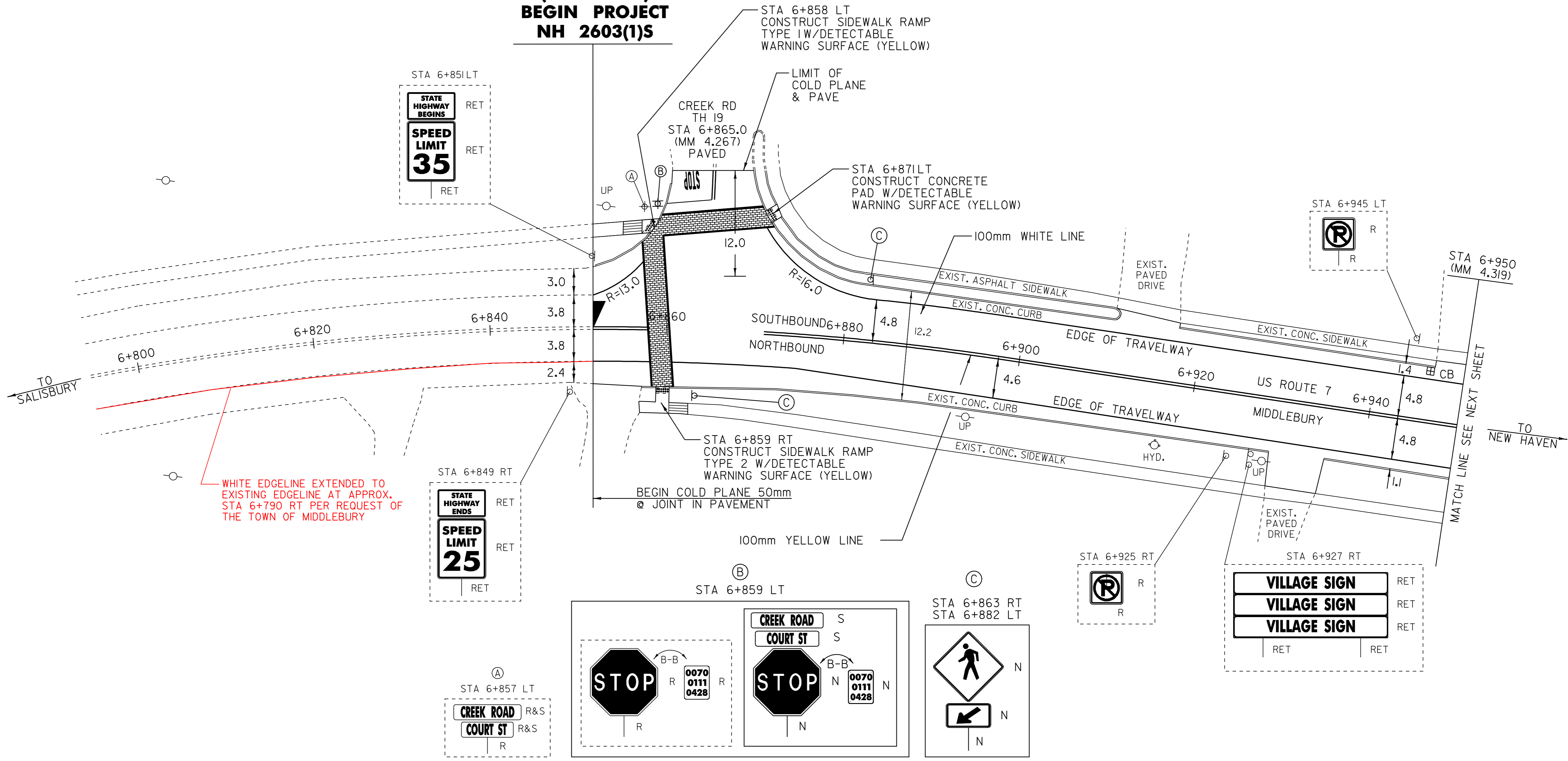
SPECIAL PROVISION
 (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 6+858 TO 6+871 LT (TH 19)
 STA 6+858 TO 6+859 RT TO LT

CONSTRUCT SIDEWALK RAMP
 W/DETECTABLE WARNING SURFACE
 STA 6+858 LT (TYPE 1) (TH 19)
 STA 6+859 RT (TYPE 2)
 STA 6+871 LT (TH 19)
 REHAB OF CATCH BASIN
 CHANGE ELEVATION OF DROP INLETS,
 CATCH BASINS OR MANHOLES
 STA 6+946 LT (CB)

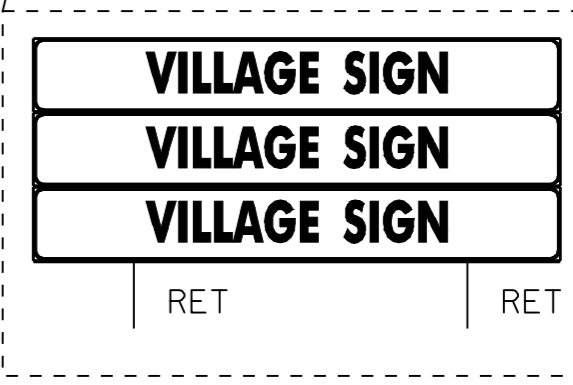
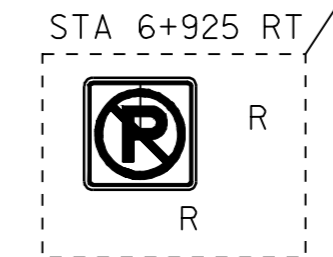
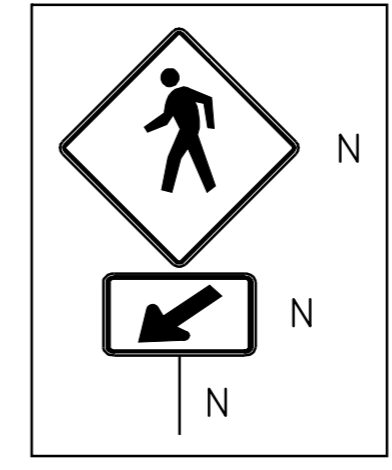
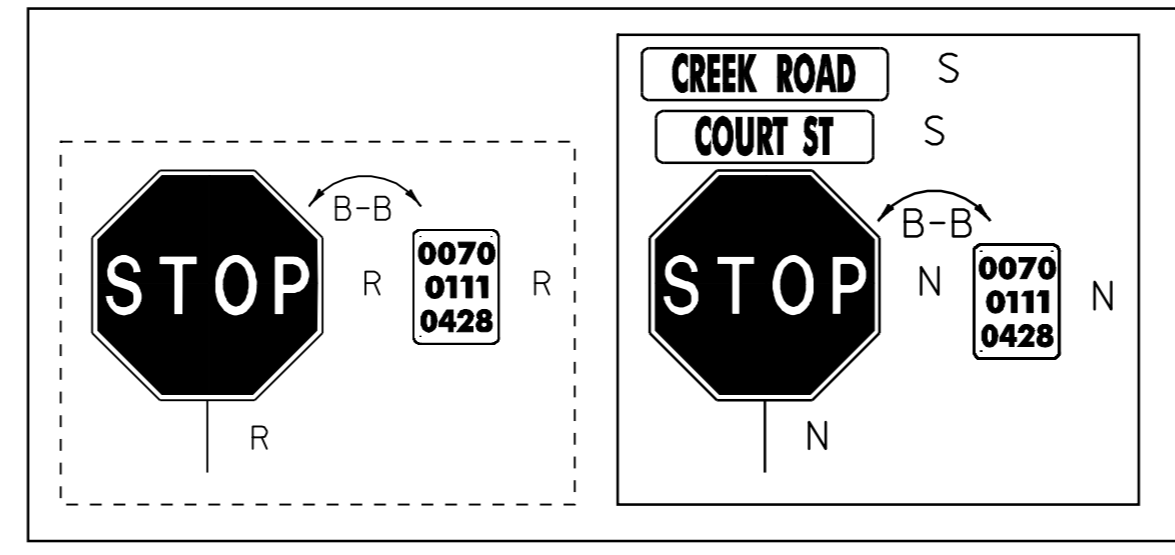
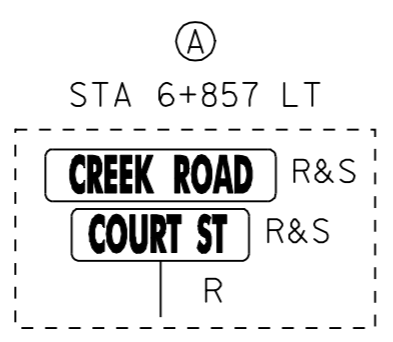
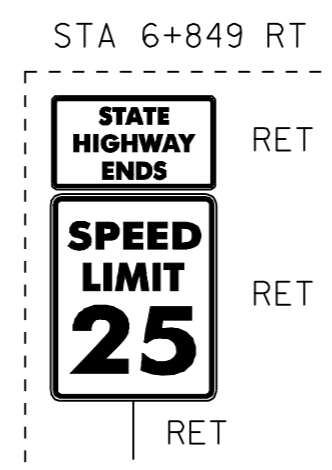
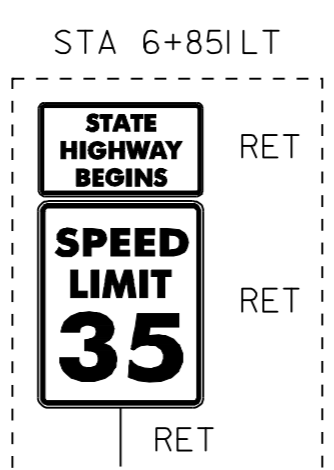
REMOVING SIGNS
 AS SHOWN - 6

ERECTING SALVAGED SIGNS
 AS SHOWN - 2

**US ROUTE 7
 STA 6+851.0
 (MM 4.257)
 BEGIN PROJECT
 NH 2603(1)S**



WHITE EDGELINE EXTENDED TO EXISTING EDGELINE AT APPROX. STA 6+790 RT PER REQUEST OF THE TOWN OF MIDDLEBURY



LEGEND

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

PAVING LAYOUT 1

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:1
PROJECT NUMBER:	NH 2603(1)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032la01.i		SHEET 66 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 STA 6+950 TO 7+071 SOLID LT
 STA 6+950 TO 7+071 SOLID RT
 STA 7+039 TO 7+071 DOTTED RT LANE LINE

DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 6+950 TO 7+071 SOLID LT
 STA 6+950 TO 7+071 SOLID RT

DURABLE 100mm WHITE LINE, TYPE ITAPE
 STA 7+039 TO 7+071 DOTTED RT LANE LINE

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 6+950 TO 6+959 SOLID LT & RT
 STA 6+959 TO 7+071 DOUBLE SOLID LT & RT

DURABLE 200mm YELLOW LINE, THERMOPLASTIC
 STA 6+983 TO 7+071 SOLID LT & RT (GORE)

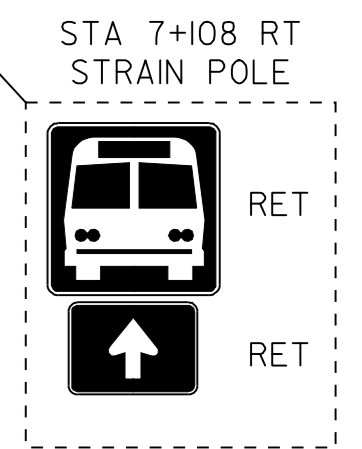
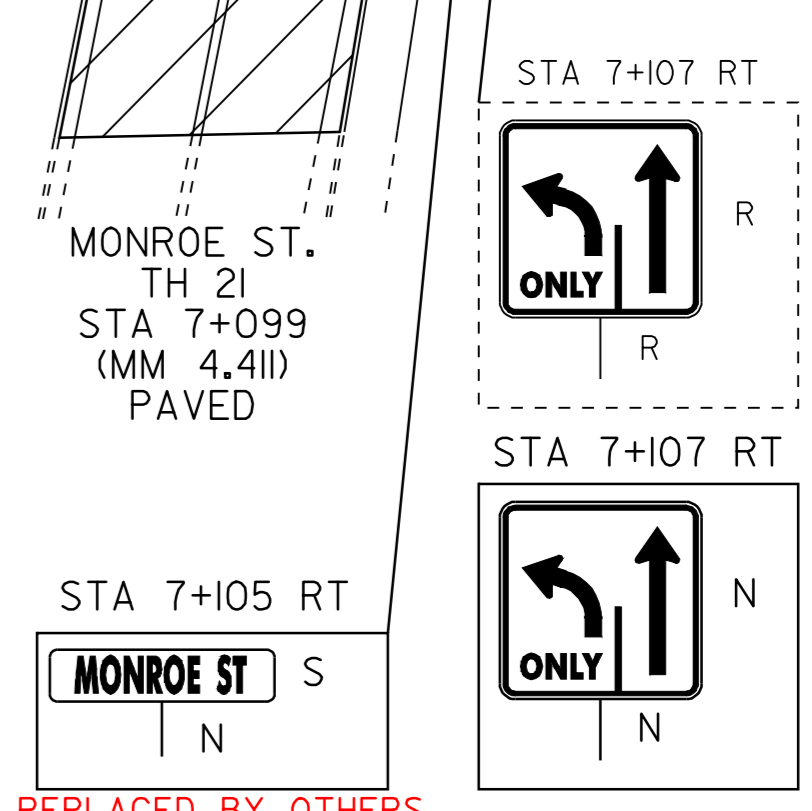
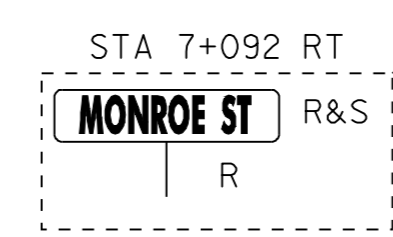
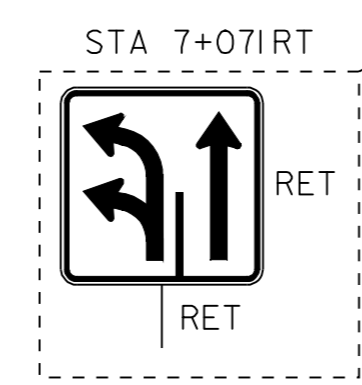
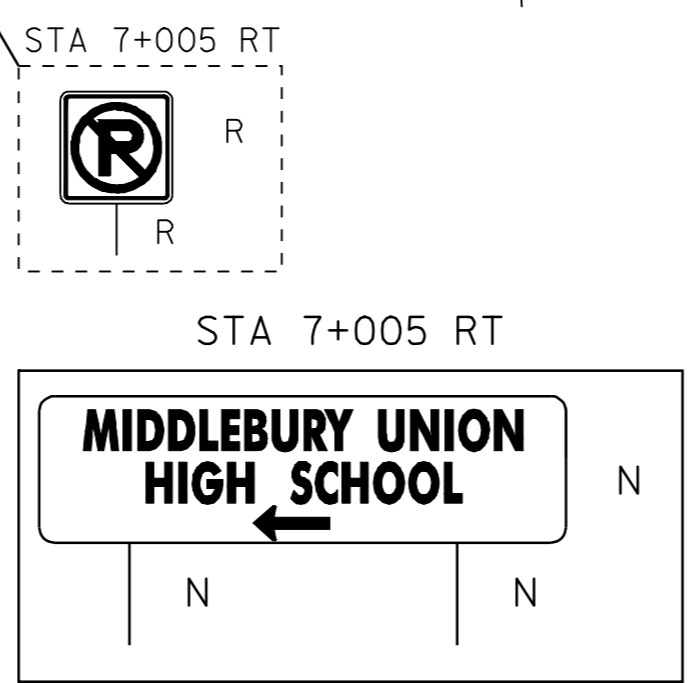
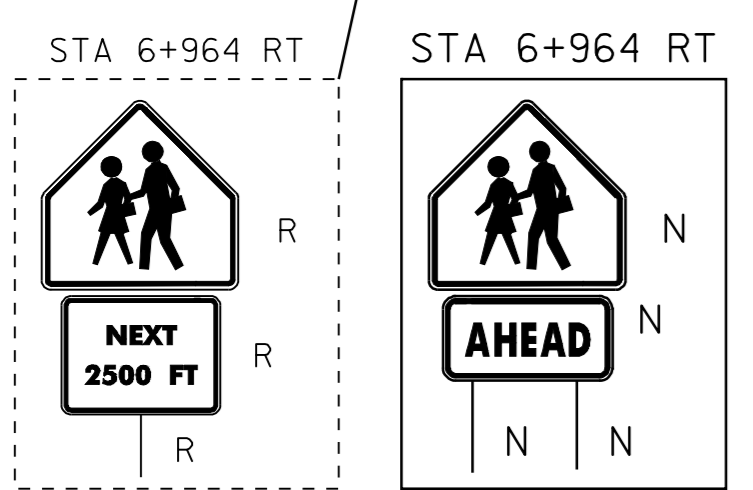
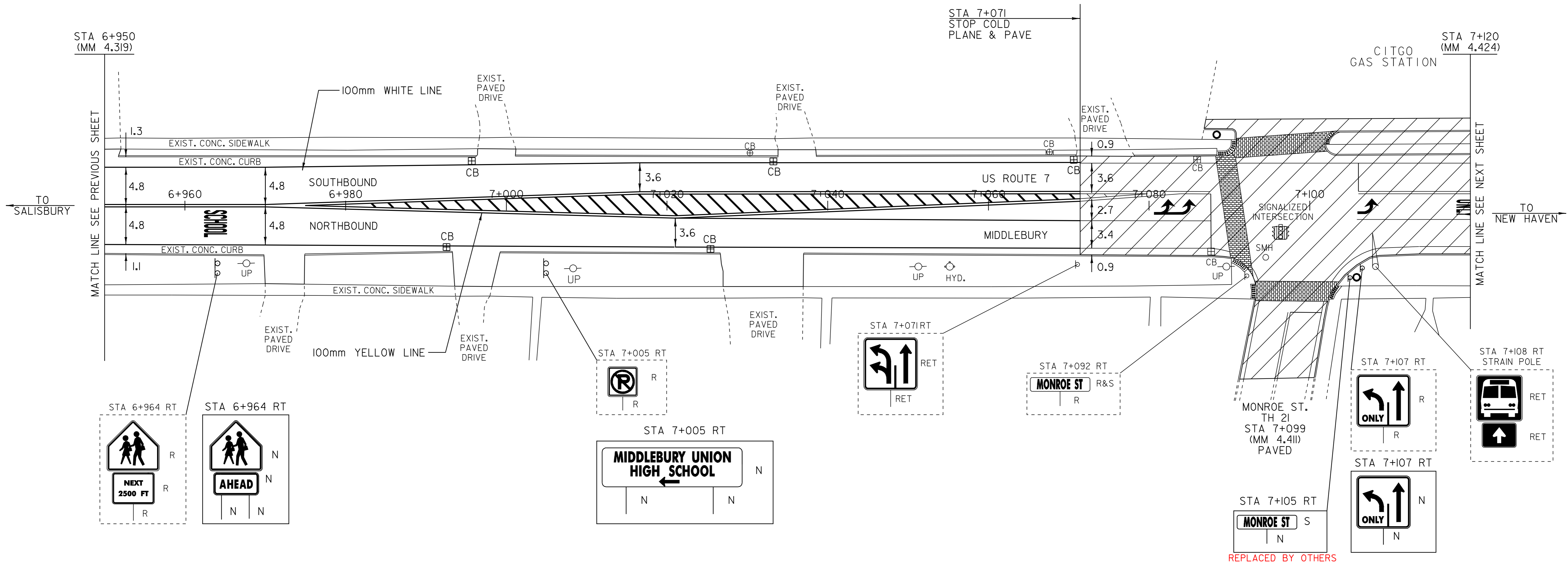
TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 STA 6+964 RT - "SCHOOL"

REHABILITATION OF
~~CHANGING ELEVATION OF DROP-INLETS,
 CATCH BASINS, OR MANHOLES~~

STA 6+993 RT (CB)
 STA 6+995 LT (CB)
 STA 7+025 RT (CB)
 STA 7+033 LT (CB)
 STA 7+071 LT (CB)

REMOVING SIGNS
 AS SHOWN - 5

ERECTING SALVAGED SIGNS
 AS SHOWN - 1



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - WORK TO BE PERFORMED UNDER NHG 019-3 (52) S

PAVING LAYOUT 2

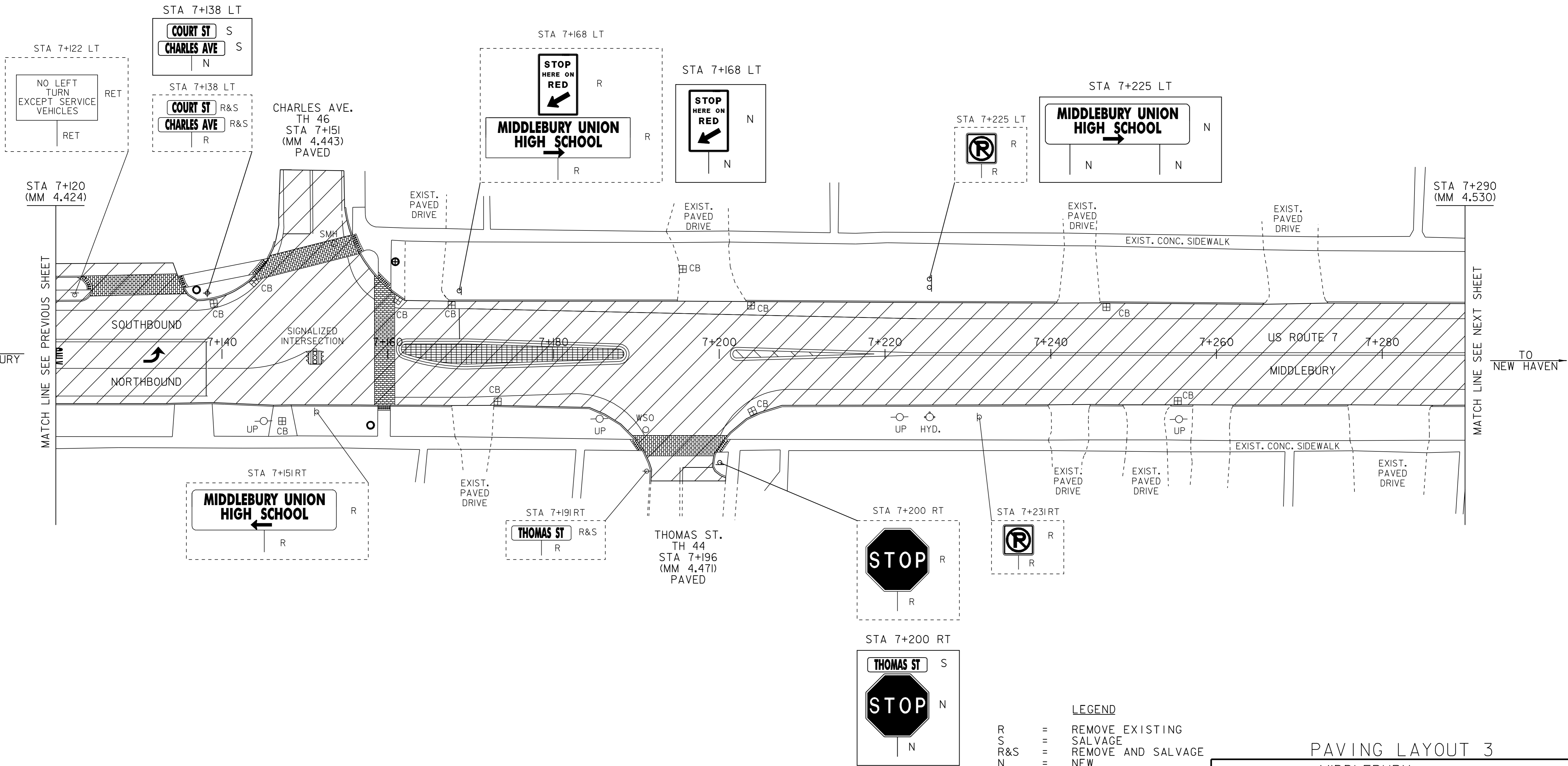
PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: NH 2603(I)S

FILE NAME: /pave/06b032/p06b032.dgn PLOT DATE: 06-OCT-2008 13:11
 PROJECT LEADER: PTS DRAWN BY: MRS
 DESIGNED BY: NLL CHECKED BY: NLL
 IPARM FILE NAME: p06b032la02.1 SHEET 67 OF 103

NOT TO SCALE NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 3



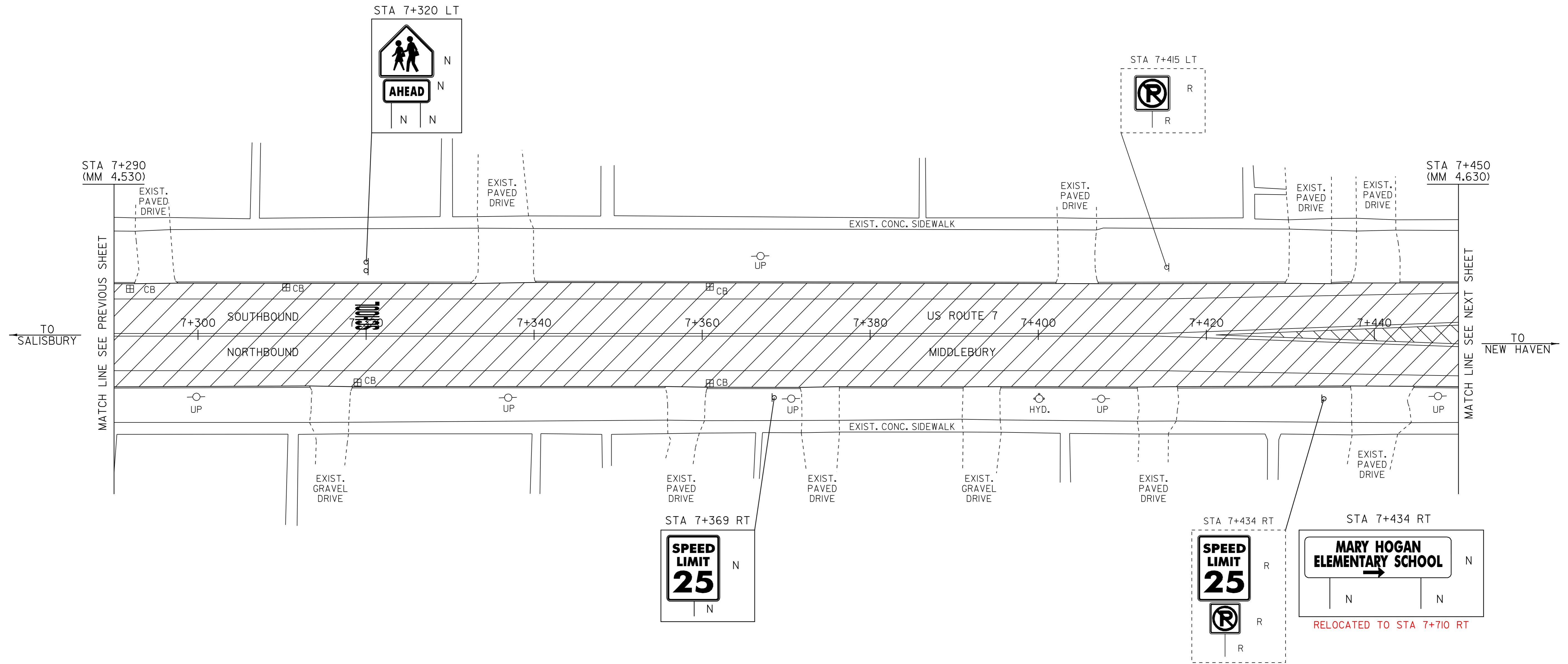
- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - Work to be performed under = PERFORMED UNDER NHG 019-3 (52) S

PAVING LAYOUT 3

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:01
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032ia03.1	SHEET	68 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED



LEGEND

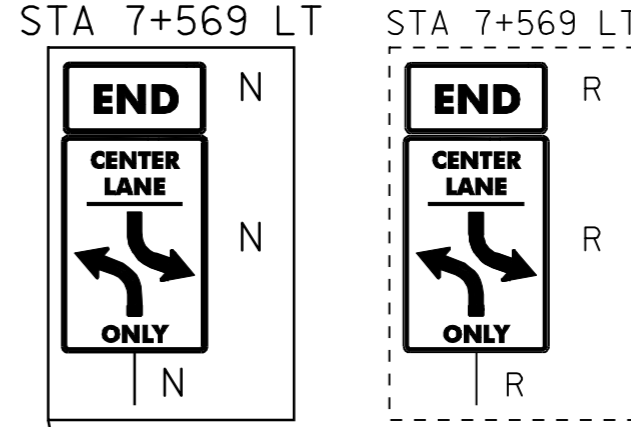
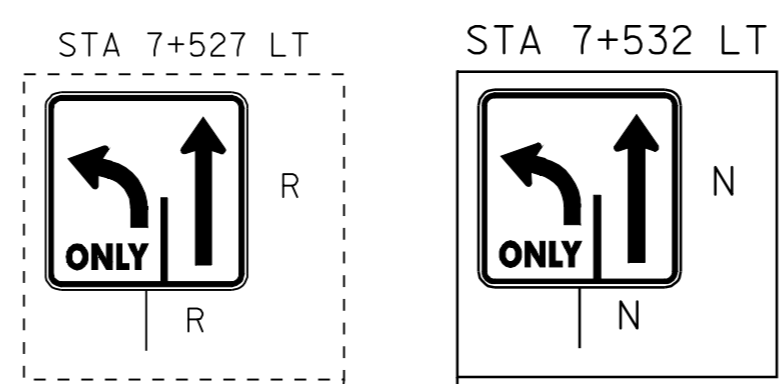
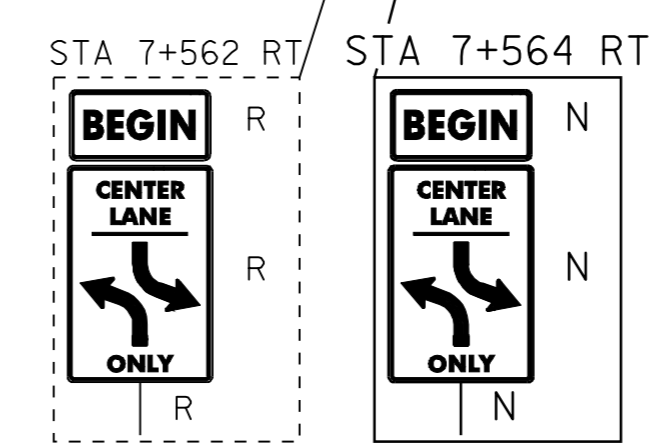
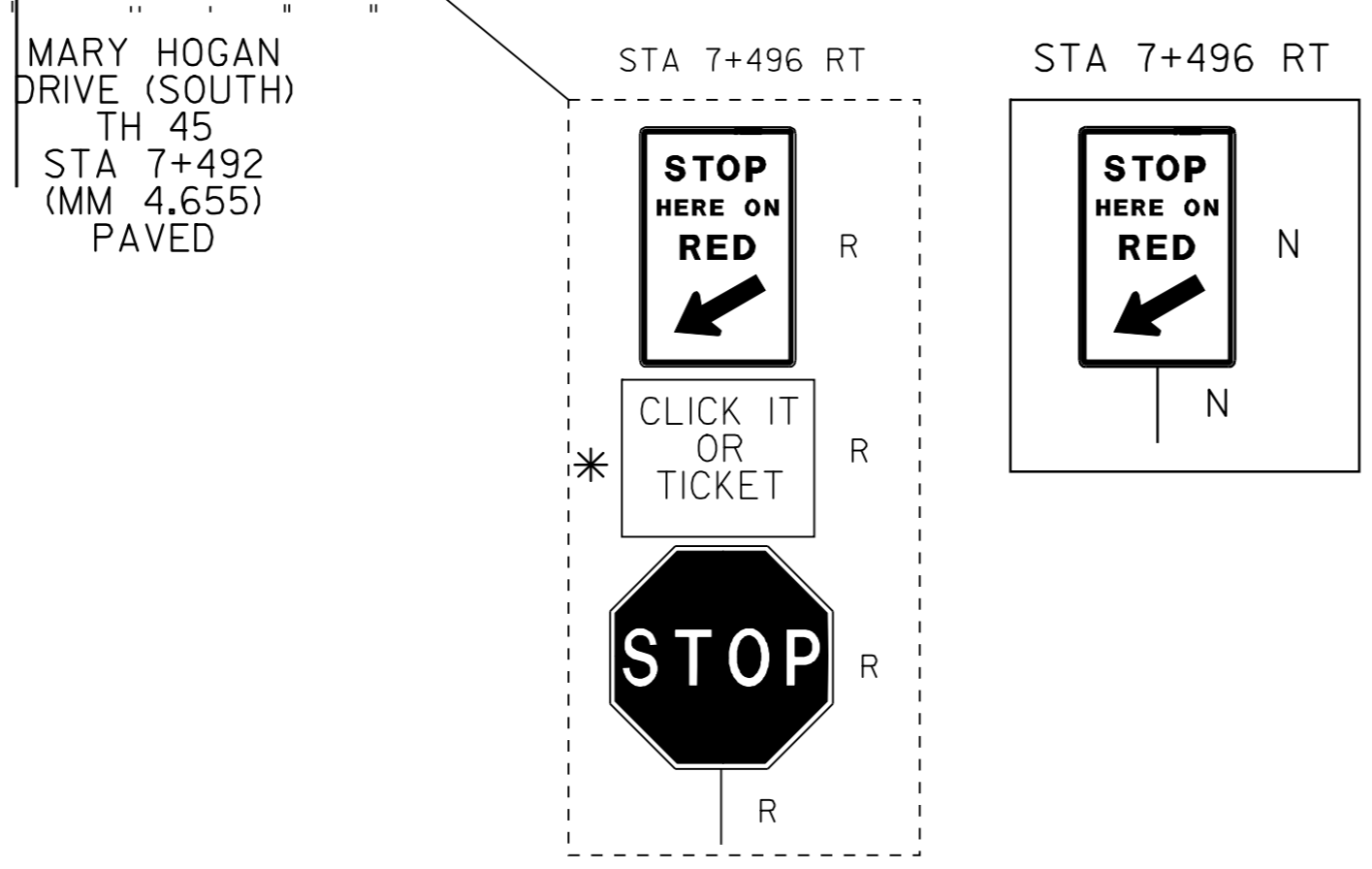
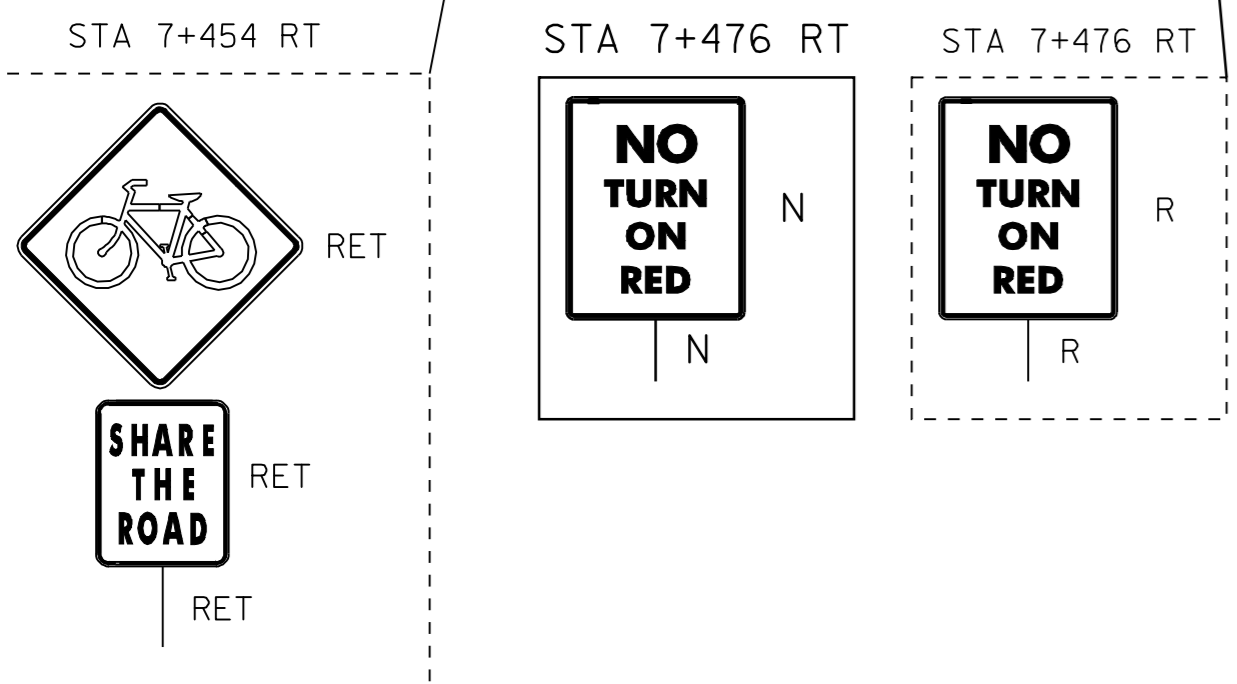
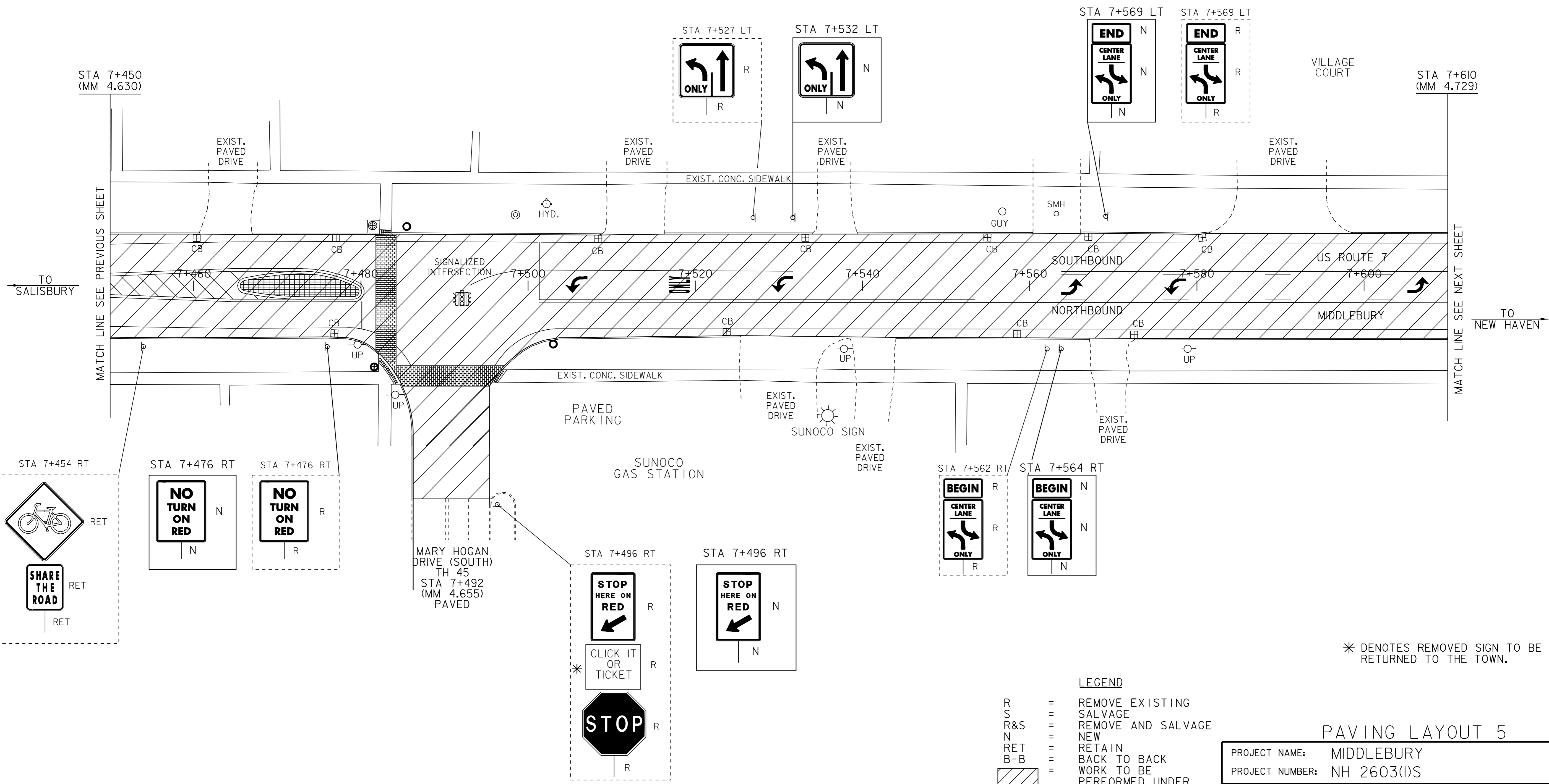
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- [Hatched Box] = WORK TO BE PERFORMED UNDER NHG 019-3 (52) S

PAVING LAYOUT 4

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:1
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032ia04.1	SHEET	69 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- Work to be performed under NHG 019-3 (52) S

* DENOTES REMOVED SIGN TO BE RETURNED TO THE TOWN.

PAVING LAYOUT 5

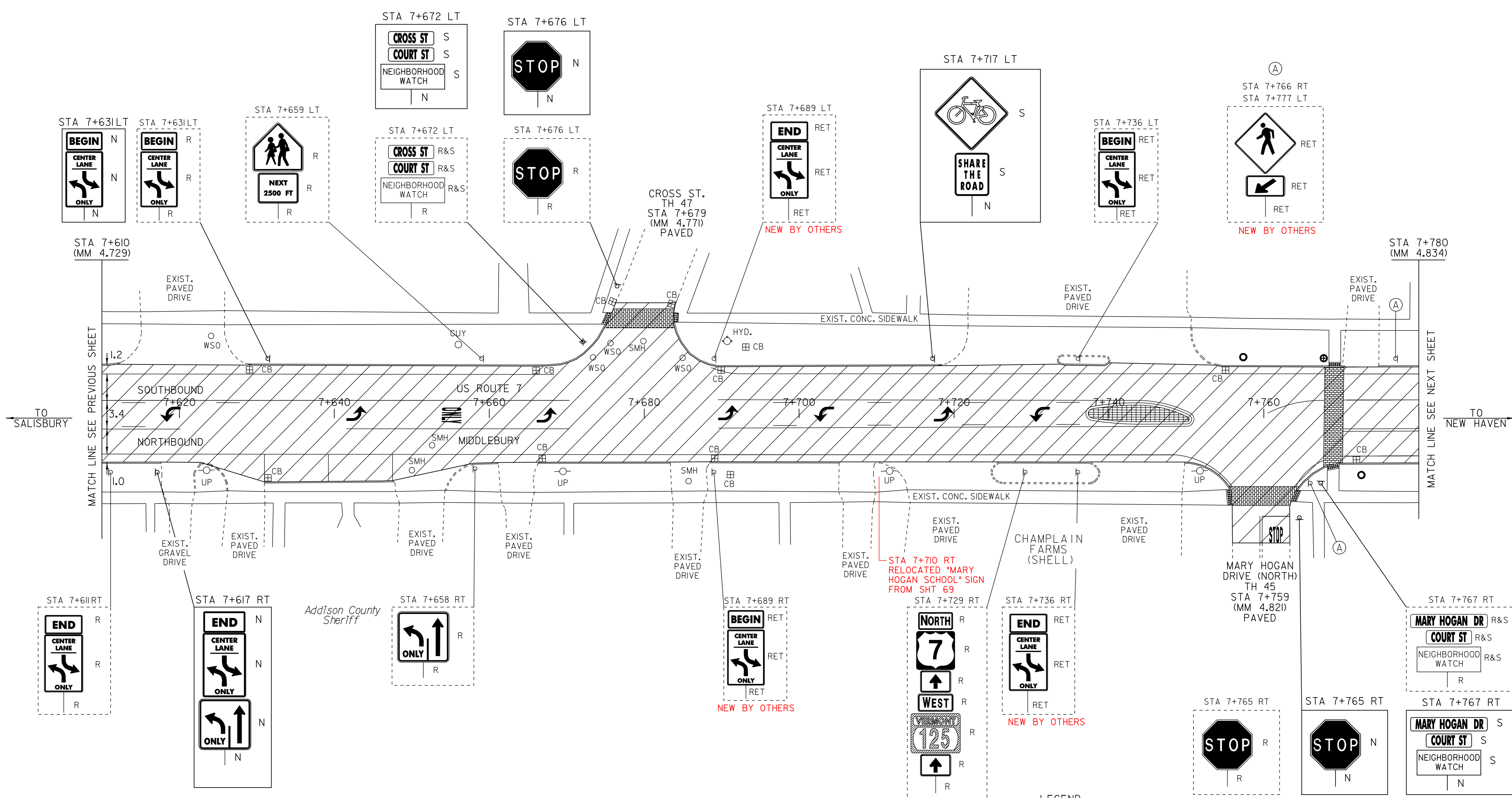
PROJECT NAME: MIDDLEBURY	FILE NAME: /pave/06b032/p06b032.dgn	PLOT DATE: 06-OCT-2008 13:01
PROJECT NUMBER: NH 2603(I)S	PROJECT LEADER: PTS	DRAWN BY: MRS
	DESIGNED BY: NLL	CHECKED BY: NLL
	IPARM FILE NAME: p06b032ia05.1	SHEET 70 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

REMOVING SIGNS
AS SHOWN - 21

ERECTING SALVAGED SIGNS
AS SHOWN - 8



LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK WORK TO BE PERFORMED UNDER NHG 019-3 (52) S
	=	

PAVING LAYOUT 6

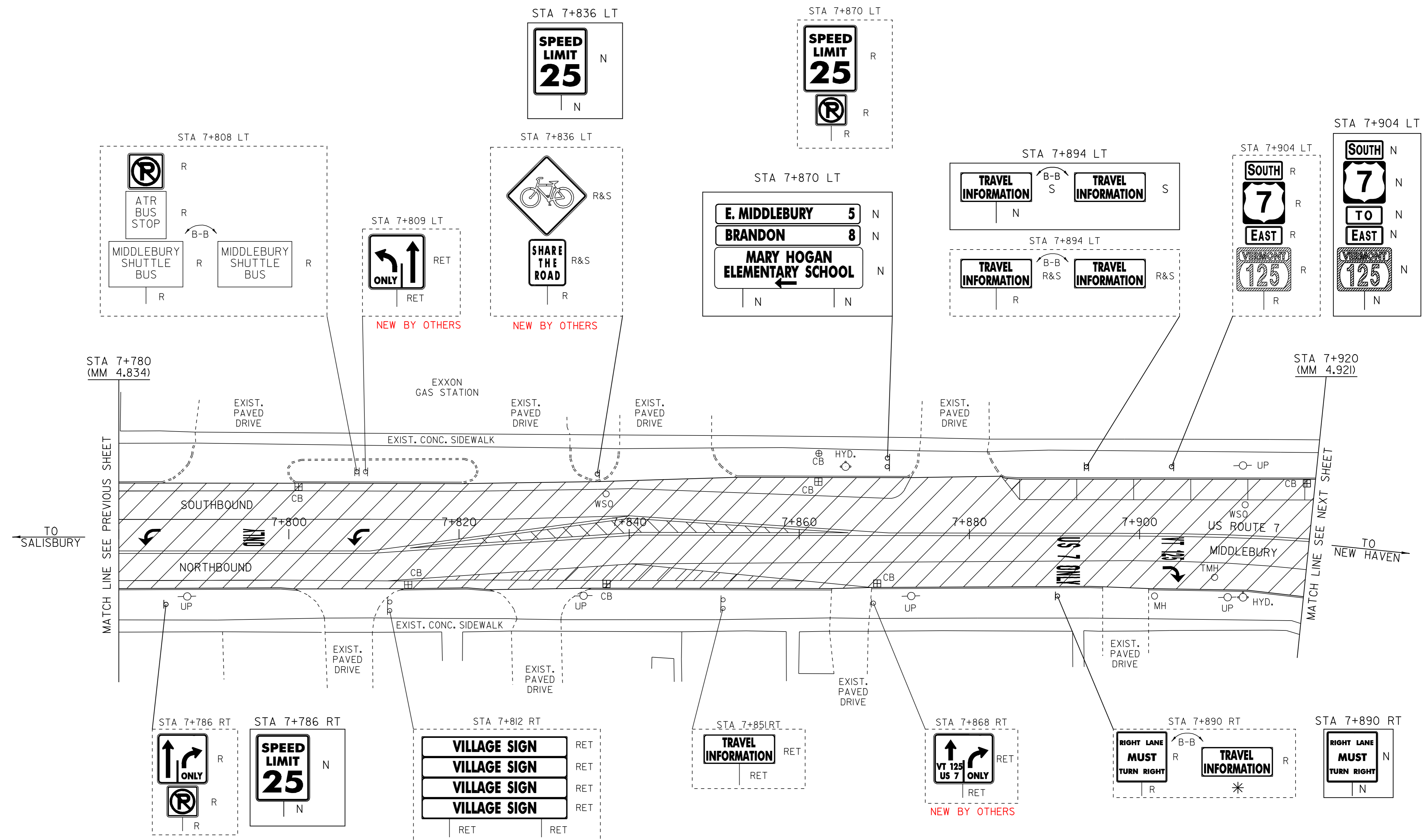
PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032a06.i	SHEET	71 OF 103

NOT TO SCALE NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

THINNING AND TRIMMING FOR SIGNS
 STA 7+870 LT
 SEE DETAIL ON SHEET 101

REMOVING SIGNS
 AS SHOWN - 18

ERECTING SALVAGED SIGNS
 AS SHOWN - 2



STA 7+780
(MM 4.834)

STA 7+836 LT

STA 7+870 LT

STA 7+808 LT

STA 7+836 LT

STA 7+870 LT

STA 7+894 LT

STA 7+904 LT

STA 7+904 LT

STA 7+809 LT

STA 7+920
(MM 4.921)

TO SALISBURY

TO NEW HAVEN

MATCH LINE SEE PREVIOUS SHEET

MATCH LINE SEE NEXT SHEET

STA 7+786 RT

STA 7+786 RT

STA 7+812 RT

STA 7+851 RT

STA 7+868 RT

STA 7+890 RT

STA 7+890 RT

LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- WORK TO BE PERFORMED UNDER NHG 019-3 (52) S

* DENOTES REMOVED SIGN TO BE RETURNED TO THE TOWN.

PAVING LAYOUT 7

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:1
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032a07.1	SHEET	72 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT

STA 1+000 TO 1+039	SOLID RT
STA 1+048 TO 1+049	SOLID RT NO PARKING (TH 47)
STA 1+051 TO 1+051	SOLID RT NO PARKING (TH 47)
STA 1+051 TO 1+051	SOLID RT PARKING (TH 47)
STA 1+056 TO 1+105	SOLID RT LANE LINE
STA 7+971 TO 7+981	SOLID RT LANE LINE
STA 7+971 TO 8+029	DASHED RT LANE LINE
STA 7+981 TO 8+001	SOLID RT
STA 7+994 TO 8+001	SOLID RT
STA 7+996 TO 8+015	SOLID RT
STA 8+000 TO 8+029	DOTTED LT LANE LINE
STA 8+006 TO 8+015	SOLID RT NO PARKING
STA 8+015 TO 8+040	SOLID RT PARKING
STA 8+029 TO 8+047	SOLID LT LANE LINE
STA 8+029 TO 8+047	SOLID RT LANE LINE
STA 8+040 TO 8+046	SOLID RT NO PARKING
STA 8+049 TO 8+081	SOLID RT NO PARKING
STA 8+049 TO 8+070	SOLID LT LANE LINE
STA 8+049 TO 8+100	SOLID RT LANE LINE
STA 8+084 TO 8+100	SOLID LT
STA 8+094 TO 8+100	SOLID RT LANE LINE

DURABLE 100mm WHITE LINE, THERMOPLASTIC

STA 1+000 TO 1+039	SOLID RT
STA 1+048 TO 1+049	SOLID RT NO PARKING (TH 47)
STA 1+051 TO 1+051	SOLID RT NO PARKING (TH 47)
STA 1+051 TO 1+051	SOLID RT PARKING (TH 47)
STA 7+981 TO 8+001	SOLID RT
STA 7+996 TO 8+015	SOLID RT
STA 8+006 TO 8+015	SOLID RT NO PARKING
STA 8+015 TO 8+040	SOLID RT PARKING
STA 8+040 TO 8+046	SOLID RT NO PARKING
STA 8+049 TO 8+081	SOLID RT NO PARKING
STA 8+084 TO 8+100	SOLID LT

DURABLE 100mm WHITE LINE, TYPE 1 TAPE

STA 1+056 TO 1+105	SOLID RT LANE LINE
STA 7+971 TO 7+981	SOLID RT LANE LINE
STA 7+971 TO 8+029	DASHED RT LANE LINE
STA 8+000 TO 8+029	DOTTED LT LANE LINE
STA 8+029 TO 8+047	SOLID LT LANE LINE
STA 8+029 TO 8+047	SOLID RT LANE LINE
STA 8+049 TO 8+070	SOLID LT LANE LINE
STA 8+049 TO 8+100	SOLID RT LANE LINE

TEMPORARY 100mm YELLOW LINE, PAINT

STA 1+000 TO 1+021	SOLID LT
STA 1+019 TO 1+041	SOLID LT
STA 1+045 TO 1+045	DOUBLE SOLID RT (SA 8)
STA 1+049 TO 1+049	DOUBLE SOLID RT (TH 47)
STA 7+981 TO 7+993	SOLID RT
STA 7+994 TO 8+001	SOLID RT
STA 8+062 TO 8+081	SOLID LT
STA 8+084 TO 8+100	LT & RT

DURABLE 200mm YELLOW LINE, THERMOPLASTIC

STA 7+981 TO 7+989	RT GORE
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SPECIAL PROVISION IMPRINTED/COLORIZED SURFACE

STA 1+020 TO 1+044	LT
STA 8+062 TO 8+081	LT

TEMPORARY CROSSWALK MARKING, PAINT

STA 1+040 TO 1+053	RT TO LT
STA 1+044 TO 1+047	RT (SA 8)
STA 1+047 TO 1+051	RT (TH 47)
STA 1+053 TO 1+055	LT TO RT
STA 1+107 TO 1+109	LT TO RT
STA 7+990 TO 7+996	RT (TH 6)
STA 8+048 TO 8+048	LT TO RT

SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

STA 1+040 TO 1+053	RT TO LT
STA 1+044 TO 1+047	RT (SA 8)
STA 1+047 TO 1+051	RT (TH 47)
STA 1+053 TO 1+055	LT TO RT
STA 1+107 TO 1+109	LT TO RT
STA 7+990 TO 7+996	RT (TH 6)
STA 8+048 TO 8+048	LT TO RT

TEMPORARY 600mm STOP BAR, PAINT

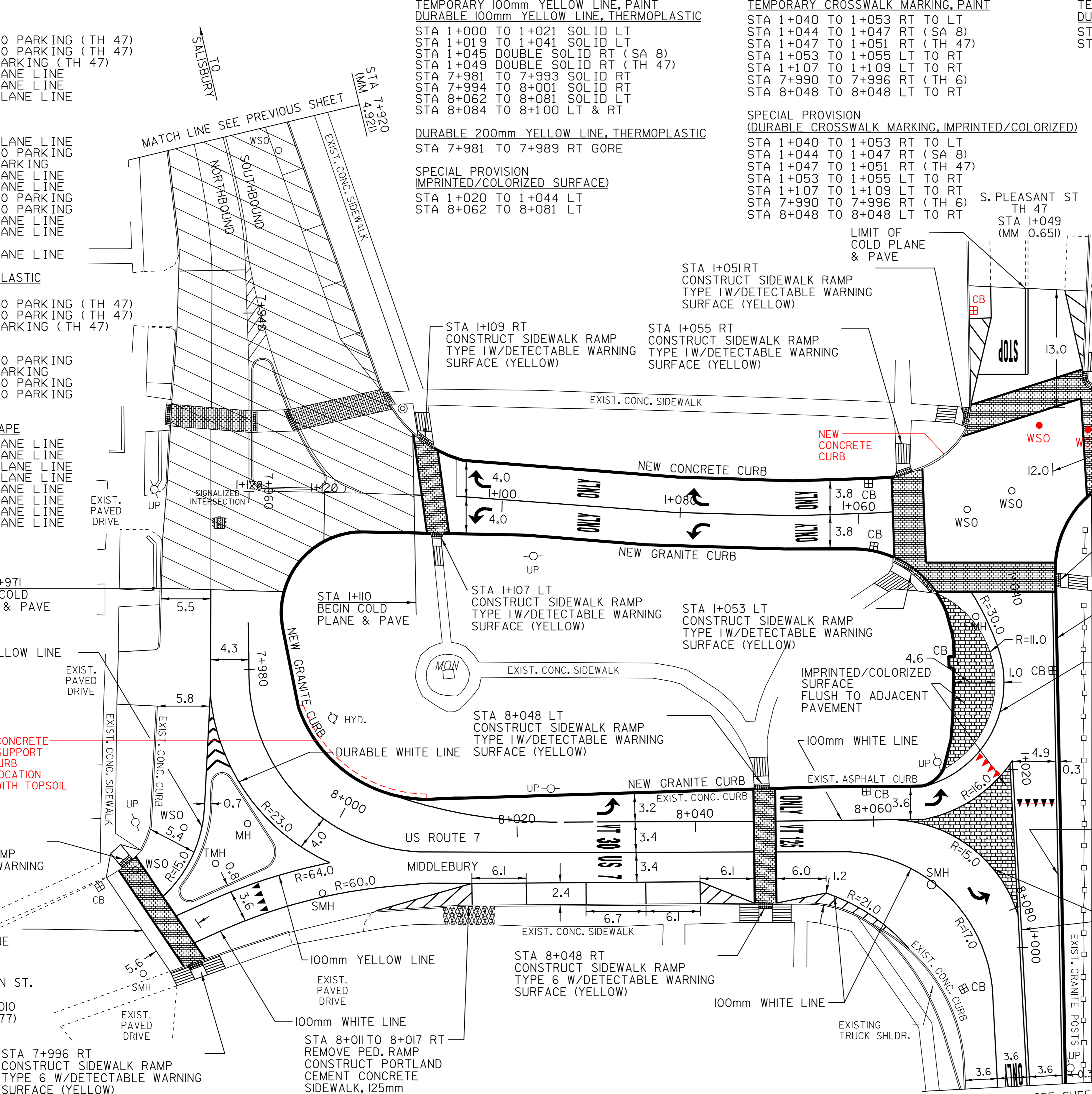
STA 1+050 RT (TH 47)	
STA 1+105 RT	

TEMPORARY LETTER OR SYMBOL, PAINT

STA 1+016 RT	- YIELD MARKINGS (5)	STA I+020 LT
STA 1+046 RT	- YIELD MARKINGS (5) (SA 8)	
STA 1+050 RT	- "STOP" (TH 47)	
STA 1+078 RT	- RIGHT TURN ARROW	
STA 1+078 LT	- LEFT TURN ARROW	
STA 1+102 RT	- RIGHT TURN ARROW	
STA 1+102 LT	- LEFT TURN ARROW	
STA 7+998 RT	- YIELD MARKINGS (4)	
STA 8+030 LT	- LEFT TURN ARROW	
STA 8+030 RT	- "VT 30"	
STA 8+030 RT	- "US 7"	
STA 8+051 RT	- "VT 125"	
STA 8+066 LT	- LEFT TURN ARROW	
STA 8+076 RT	- LEFT TURN ARROW	

DURABLE 100mm WHITE LINE, TYPE 1 TAPE

STA 1+056 TO 1+105	SOLID RT LANE LINE
STA 7+971 TO 7+981	SOLID RT LANE LINE
STA 7+971 TO 8+029	DASHED RT LANE LINE
STA 8+000 TO 8+029	DOTTED LT LANE LINE
STA 8+029 TO 8+047	SOLID LT LANE LINE
STA 8+029 TO 8+047	SOLID RT LANE LINE
STA 8+049 TO 8+070	SOLID LT LANE LINE
STA 8+049 TO 8+100	SOLID RT LANE LINE



DURABLE LETTER OR SYMBOL, TYPE 1 TAPE

STA 1+016 RT	- YIELD MARKINGS (5)	STA I+020 LT
STA 1+046 RT	- YIELD MARKINGS (5) (SA 8)	
STA 1+050 RT	- "STOP" (TH 47)	
STA 1+066 RT	- "ONLY"	
STA 1+066 LT	- "ONLY"	
STA 1+078 RT	- RIGHT TURN ARROW	
STA 1+078 LT	- LEFT TURN ARROW	
STA 1+090 RT	- "ONLY"	
STA 1+090 LT	- "ONLY"	
STA 1+102 RT	- RIGHT TURN ARROW	
STA 1+102 LT	- LEFT TURN ARROW	
STA 7+998 RT	- YIELD MARKINGS (4)	
STA 8+030 LT	- LEFT TURN ARROW	
STA 8+030 RT	- "VT 30"	
STA 8+030 RT	- "US 7"	
STA 8+051 RT	- "VT 125"	
STA 8+051 LT	- "ONLY"	
STA 8+066 LT	- LEFT TURN ARROW	
STA 8+076 RT	- LEFT TURN ARROW	
STA 8+099 RT	- "ONLY"	

CONSTRUCT SIDEWALK RAMP W/DETECTABLE WARNING SURFACE (YELLOW)

STA 1+040 RT (TYPE 2)	
STA 1+044 RT (TYPE 6)	
STA 1+047 RT (TYPE 6)	
STA 1+051 RT (TYPE 1)	
STA 1+053 LT (TYPE 1)	
STA 1+055 RT (TYPE 1)	
STA 1+107 LT (TYPE 1)	
STA 1+109 RT (TYPE 1)	
STA 7+990 RT (TYPE 5) (TH 6)	
STA 7+996 RT (TYPE 6) (TH 6)	
STA 8+048 LT (TYPE 1)	
STA 8+048 RT (TYPE 6)	

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA 1+031 RT (CB)	
STA 1+032 LT (CB)	
STA 1+059 LT (CB)	
STA 1+059 RT (CB) - THIS LOCATION WAS A REHABILITATION	
STA 8+059 LT (CB)	
STA 8+059 RT (CB)	
STA I+051 RT (CB)	

VERTICAL GRANITE CURB

STA 1+000 TO 1+044	RT
STA 1+019 TO 1+115	LT
STA 7+964 TO 8+064	LT
STA 8+084 TO 8+100	LT

CAST-IN-PLACE CONCRETE CURB, TYPE B

STA 1+056 TO 1+108	RT
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PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

STA 8+011 TO 8+017	RT
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ADJUST ELEVATION OF VALVE BOX

STA 1+047	RT
STA 1+049	RT
STA 7+991	RT
STA 7+992	RT
STA I+046	RT
STA I+048	RT

CHANGING ELEVATION OF SEWER MANHOLES

STA 1+037	LT
STA 8+002	RT
STA 8+070	RT

THINNING AND TRIMMING FOR SIGNS

STA 1+096	RT
STA 1+105	RT

SEE DETAIL ON SHEET 101

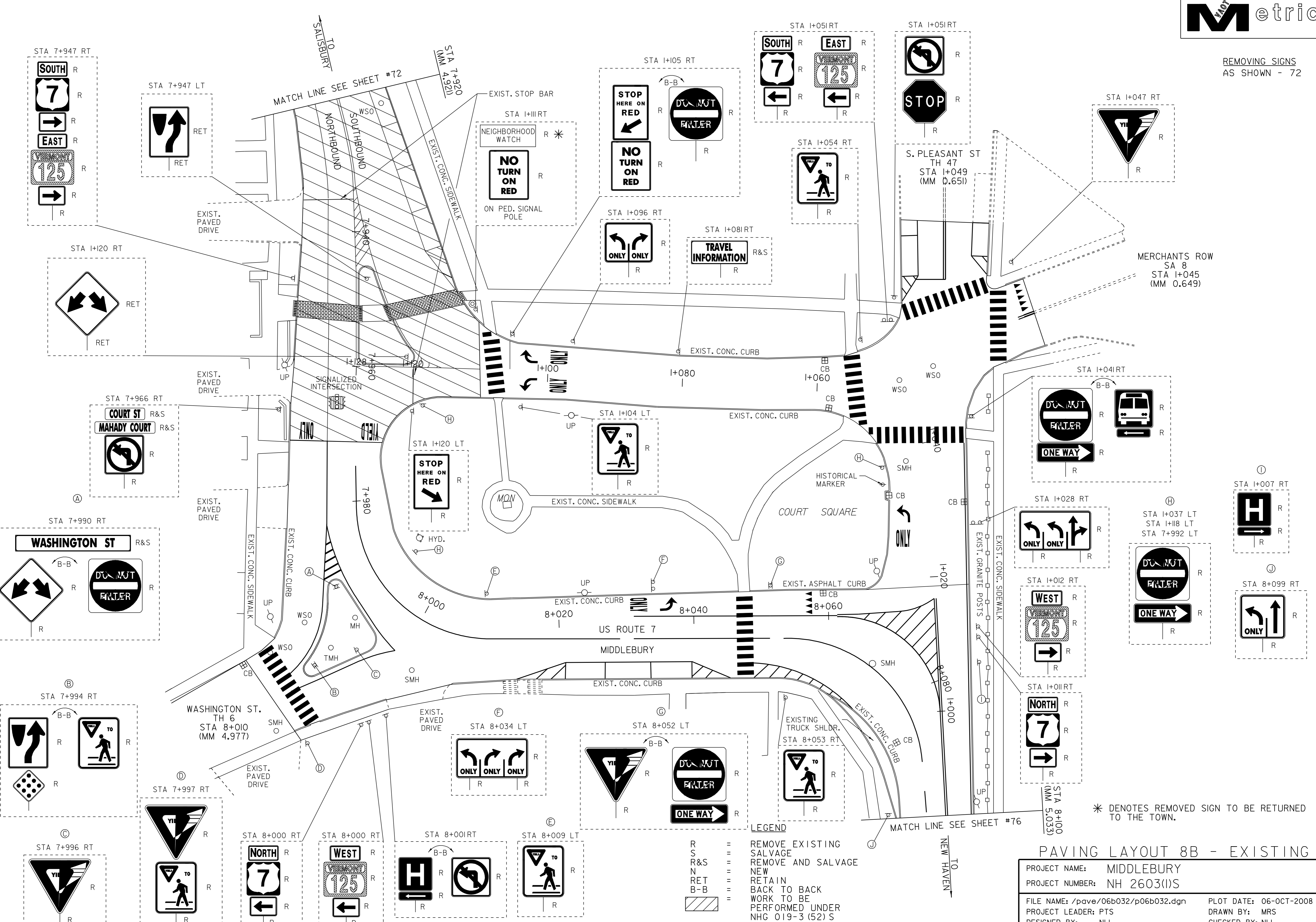
LEGEND

R	= REMOVE EXISTING
S	= SALVAGE
R&S	= REMOVE AND SALVAGE
N	= NEW
RET	= RETAIN
B-B	= BACK TO BACK
	= WORK TO BE PERFORMED UNDER NHG 019-3 (52) S

NOT TO SCALE NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING LAYOUT 8A - NOTES

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:10
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032la08a.i		SHEET 73 OF 103



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- W = WORK TO BE PERFORMED UNDER NHG 019-3 (52) S

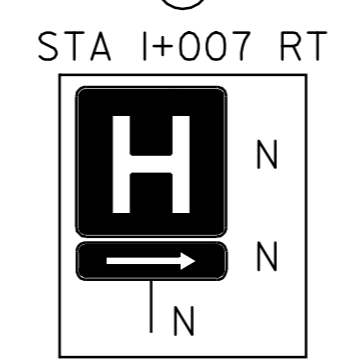
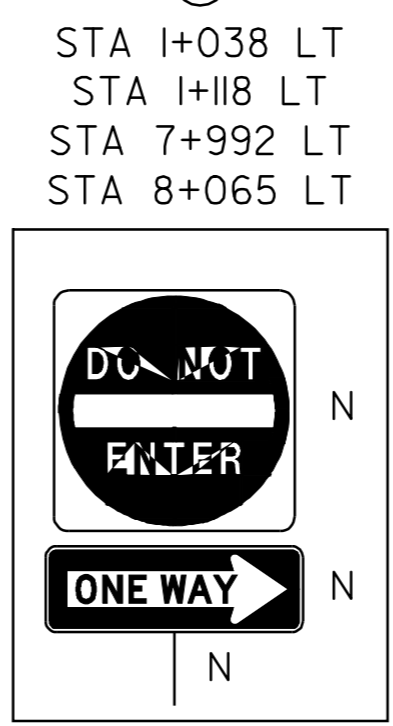
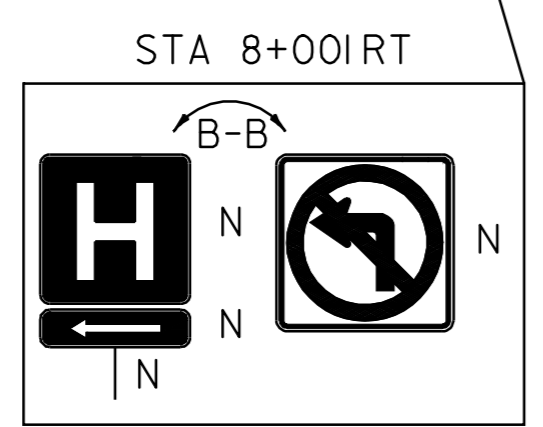
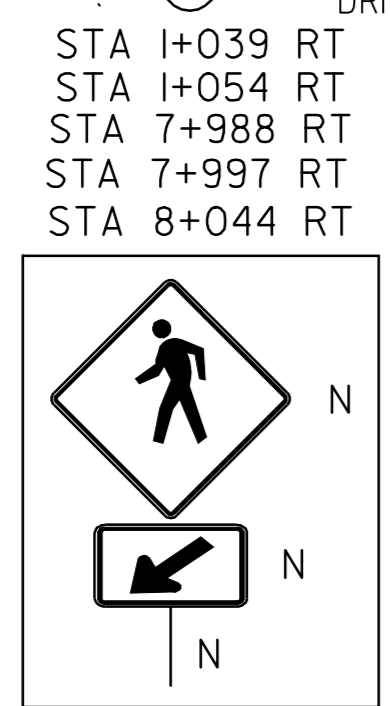
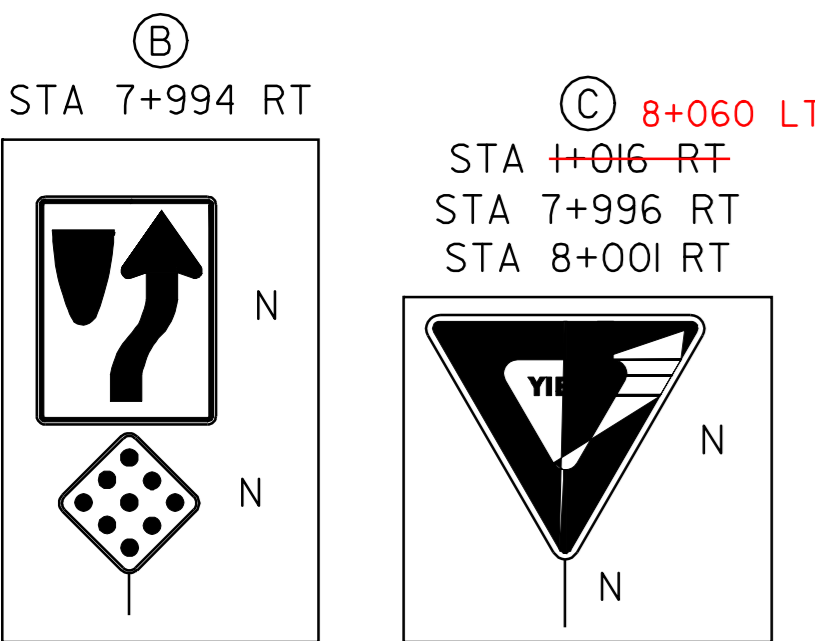
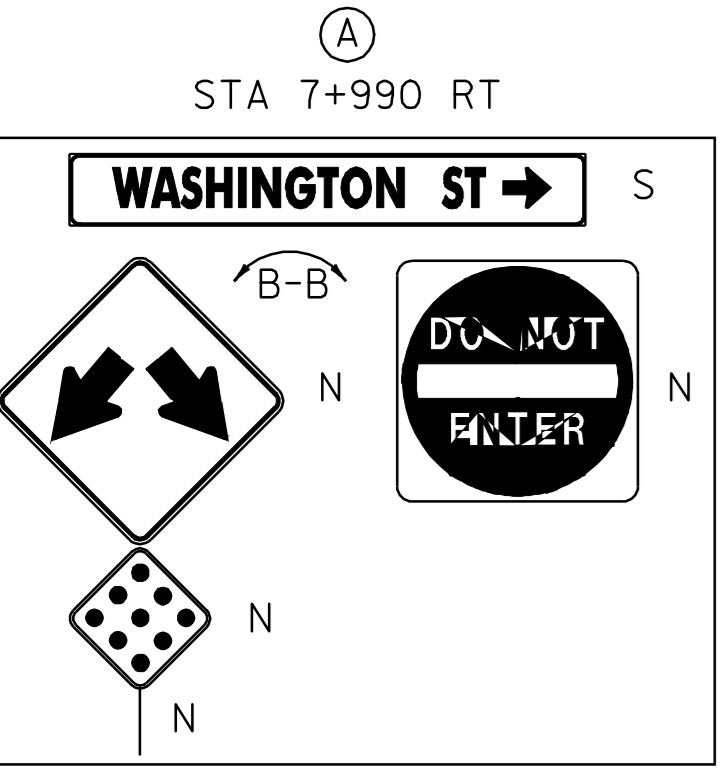
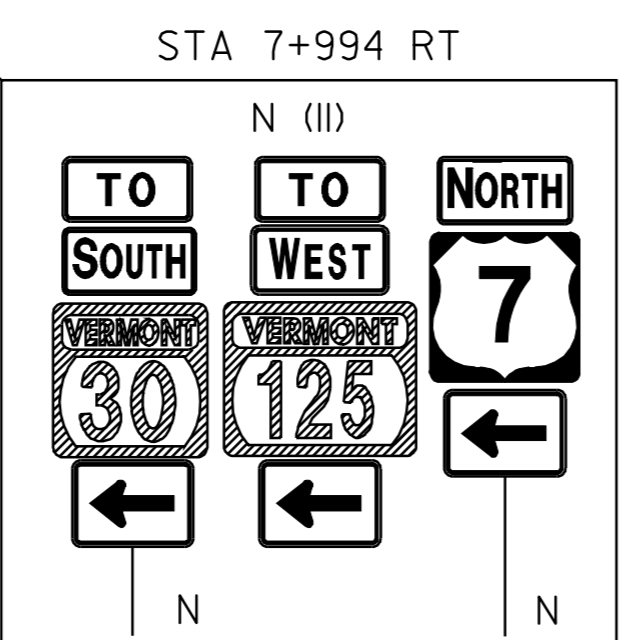
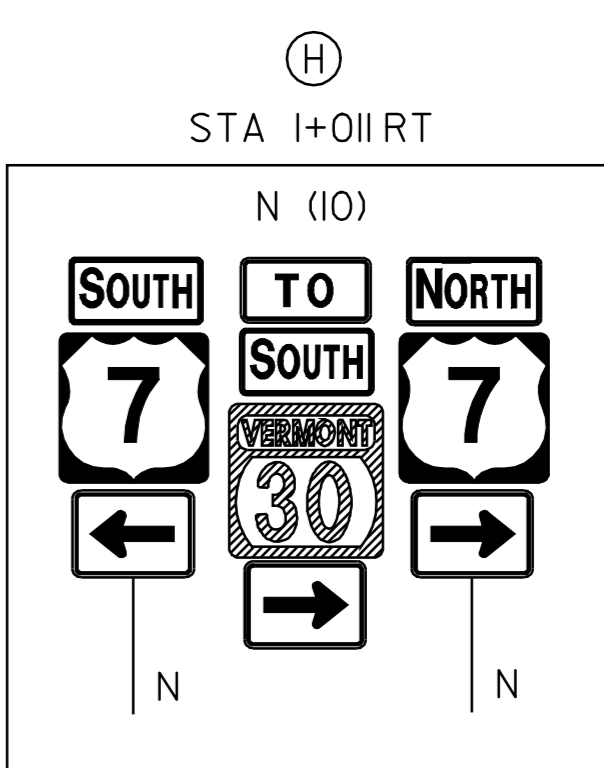
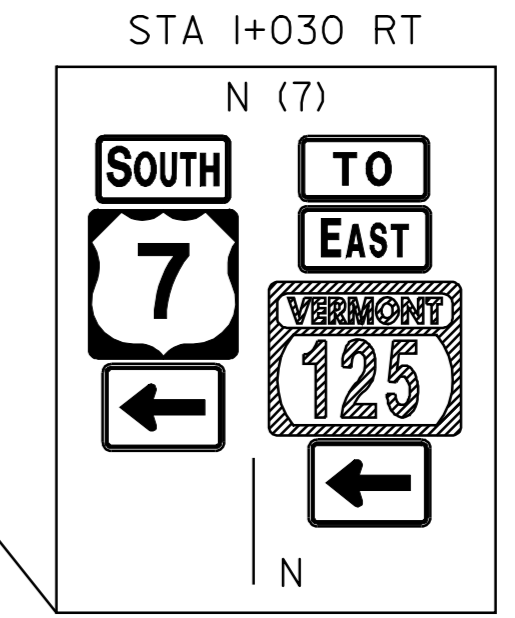
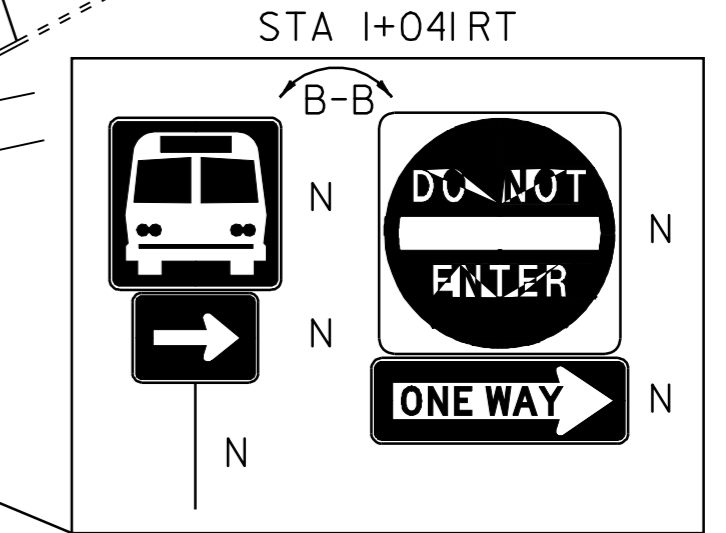
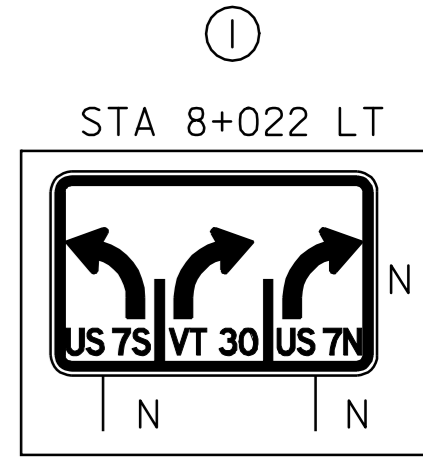
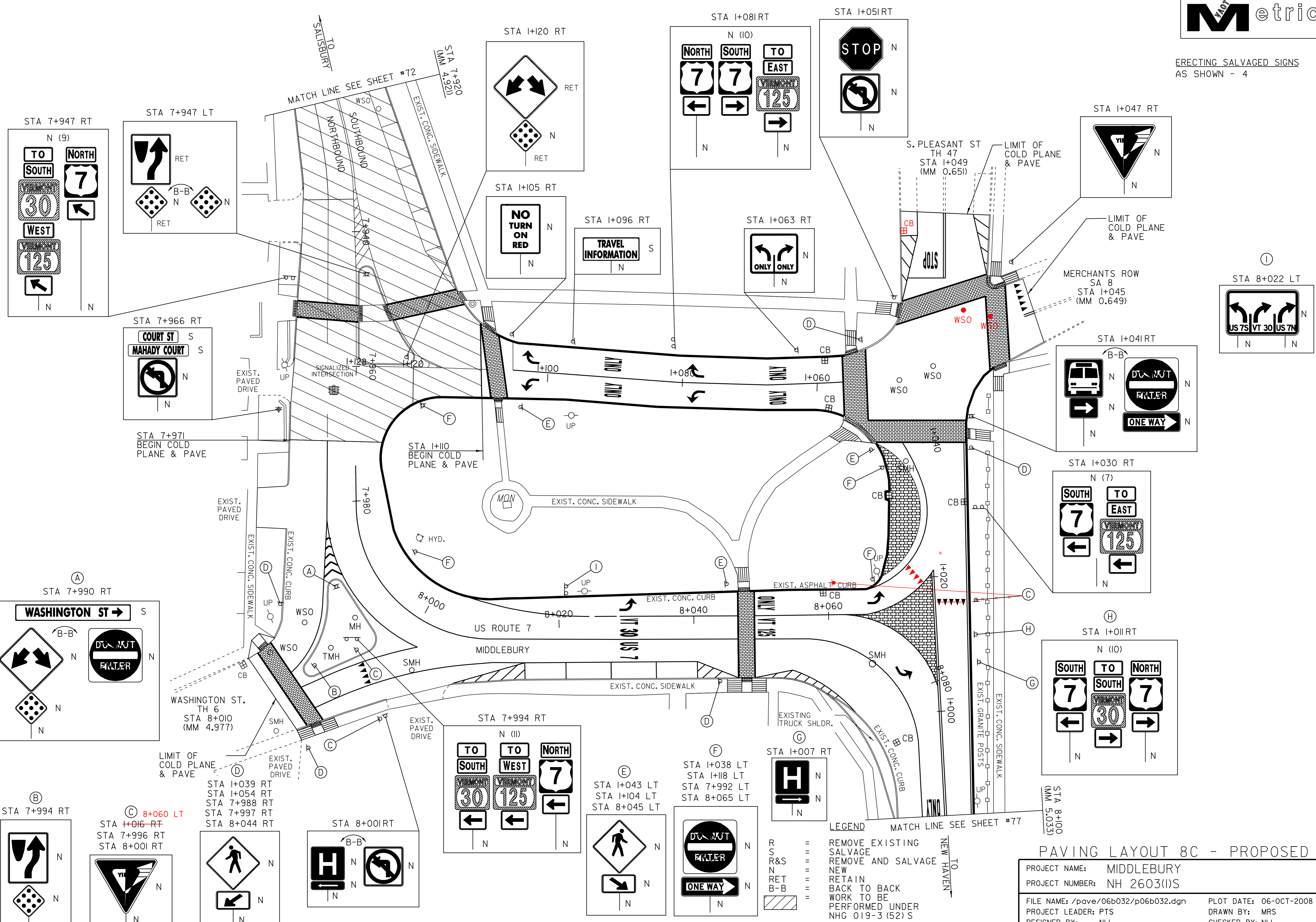
* DENOTES REMOVED SIGN TO BE RETURNED TO THE TOWN.

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING LAYOUT 8B - EXISTING

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:41
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032la08b.l	SHEET	74 OF 103



LEGEND

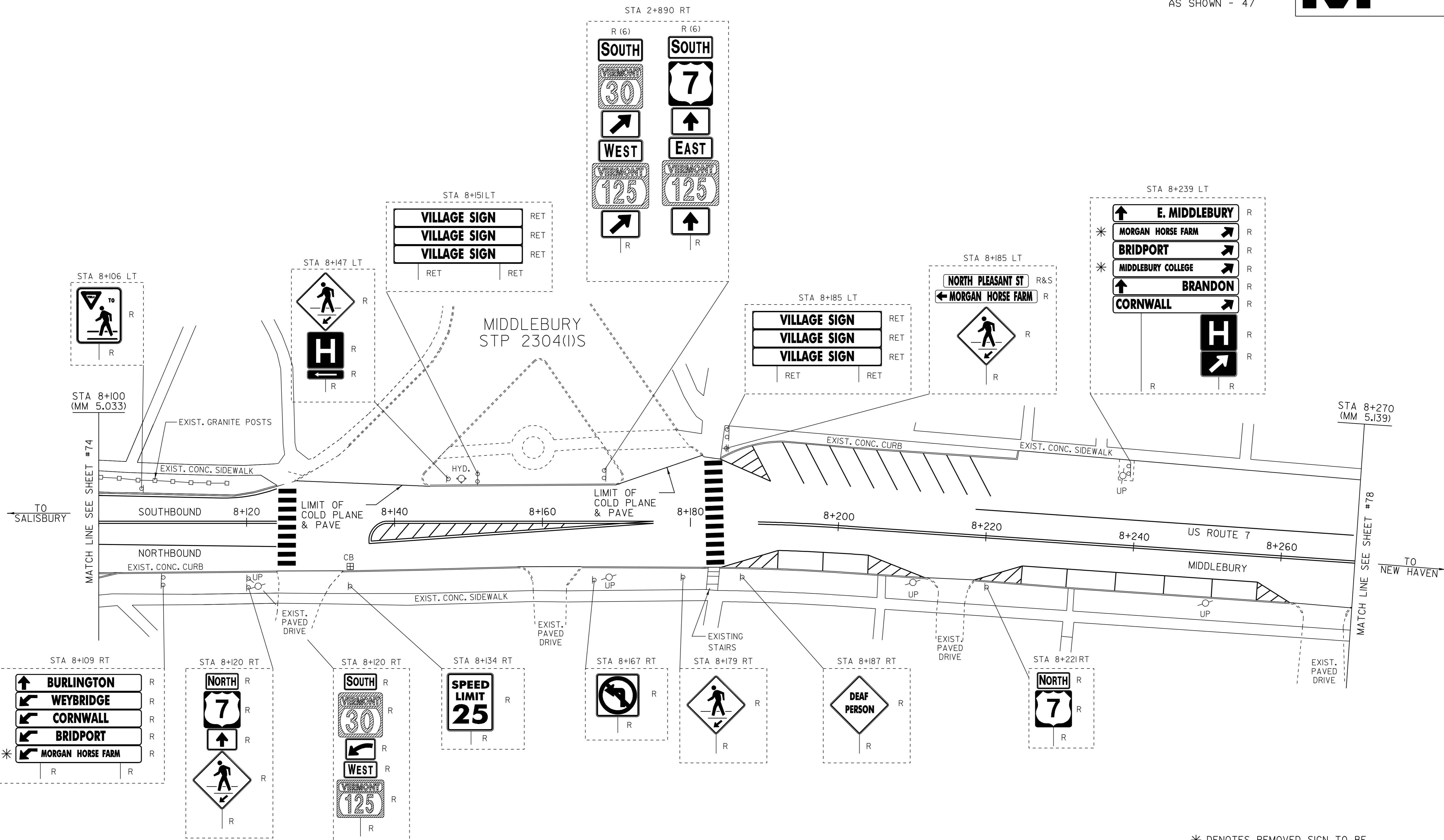
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	WORK TO BE PERFORMED UNDER NHG 019-3 (52) S

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING LAYOUT 8C - PROPOSED

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:41
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032la08c.l		SHEET 75 OF 103



* DENOTES REMOVED SIGN TO BE RETURNED TO THE TOWN.

LEGEND

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

PAVING LAYOUT 9A - EXISTING

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:1
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032ia09a.l	SHEET	76 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
DURABLE 100mm WHITE LINE, THERMOPLASTIC

STA 8+100 TO 8+127	SOLID LT
STA 8+133 TO 8+176	SOLID RT
STA 8+145 TO 8+170	SOLID LT
STA 8+176 TO 8+182	SOLID RT NO PARKING
STA 8+184 TO 8+191	SOLID LT NO PARKING
STA 8+184 TO 8+192	SOLID RT NO PARKING
STA 8+192 TO 8+235	SOLID LT PARKING
STA 8+192 TO 8+204	SOLID RT PARKING
STA 8+204 TO 8+212	SOLID RT NO PARKING
STA 8+219 TO 8+225	SOLID RT NO PARKING
STA 8+225 TO 8+257	SOLID RT PARKING
STA 8+235 TO 8+242	SOLID LT NO PARKING
STA 8+242 TO 8+268	SOLID LT PARKING
STA 8+257 TO 8+262	SOLID RT NO PARKING

TEMPORARY 100mm WHITE LINE, PAINT
DURABLE 100mm WHITE LINE, TYPE I TAPE

STA 8+100 TO 8+127	SOLID RT LANE LINE
STA 8+100 TO 8+124	SOLID LT & RT
STA 8+138 TO 8+175	DOUBLE SOLID RT
STA 8+138 TO 8+175	SOLID LT & RT
STA 8+187 TO 8+270	SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
DURABLE 100mm YELLOW LINE, THERMOPLASTIC

STA 8+100 TO 8+124	SOLID LT & RT
STA 8+138 TO 8+175	DOUBLE SOLID RT
STA 8+138 TO 8+175	SOLID LT & RT
STA 8+187 TO 8+270	SOLID LT & RT

DURABLE 200mm YELLOW LINE, THERMOPLASTIC

STA 8+138 TO 8+162	SOLID RT GORE
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TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA 8+115 RT	- YIELD MARKINGS (8)
STA 8+121 RT	- LEFT TURN ARROW
STA 8+191 LT	- DISABLE MARKING

TEMPORARY CROSSWALK MARKING, PAINT

STA 8+132 LT TO RT
STA 8+183 LT TO RT

SPECIAL PROVISION
(DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

STA 8+132 LT TO RT
STA 8+183 LT TO RT

CONSTRUCT SIDEWALK RAMP
W/DETECTABLE WARNING SURFACE (YELLOW)

STA 8+132 TO 8+142 RT
STA 8+172 TO 8+182 RT

CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES

STA 8+134 RT (CB)

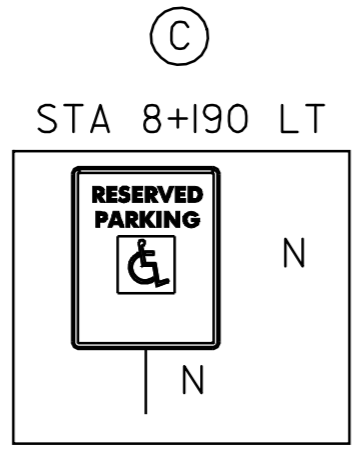
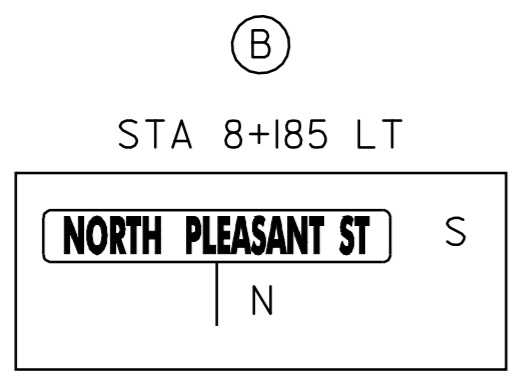
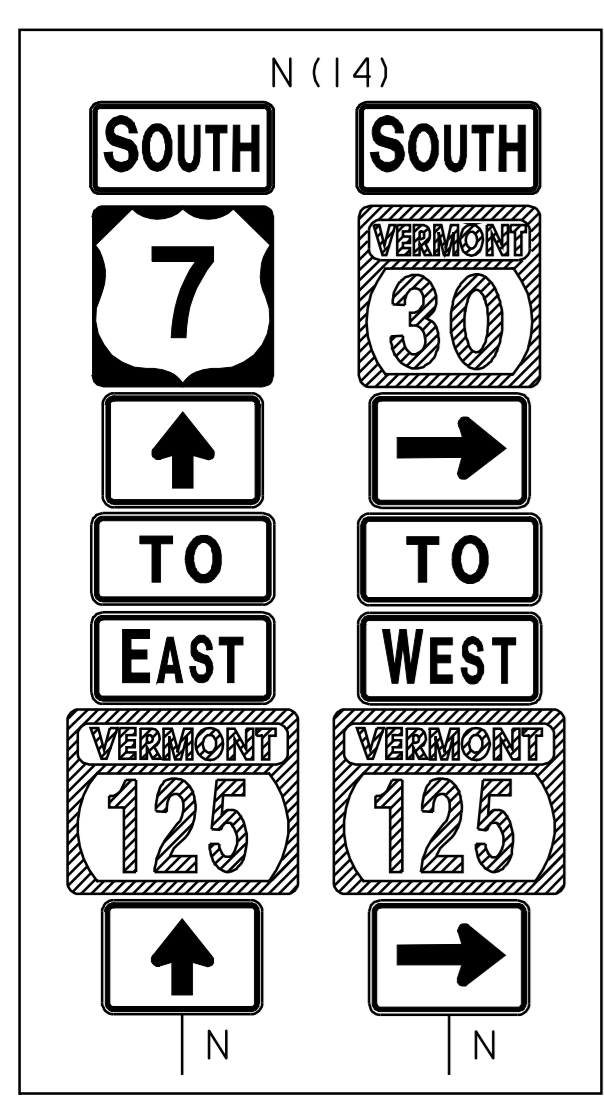
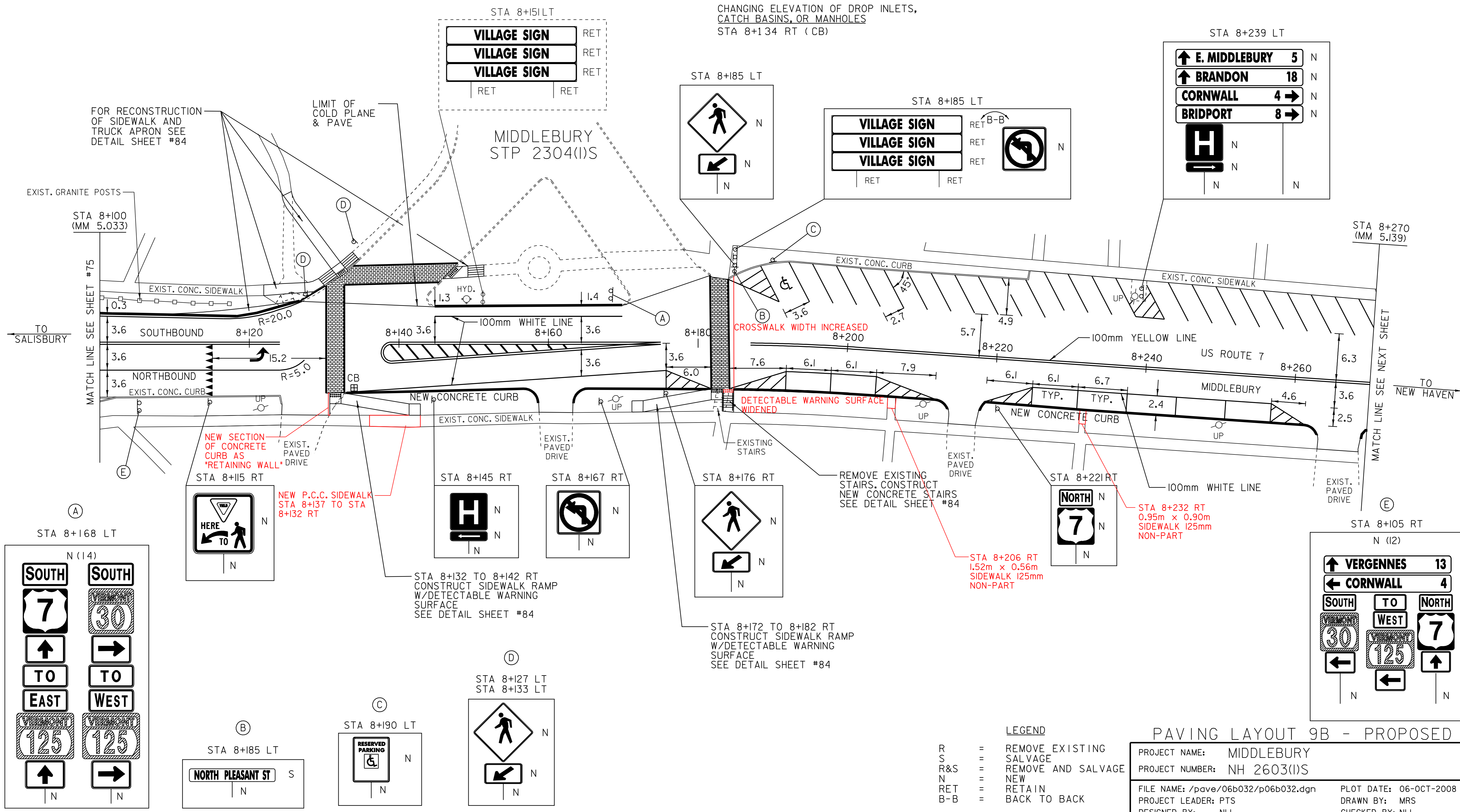
GRANITE SLOPE EDGING
STA 8+109 TO 8+127 LT

VERTICAL GRANITE CURB
STA 8+100 TO 8+109 LT
STA 8+127 TO 8+130 LT
STA 8+145 TO 8+170 LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA 8+133 TO 8+159 RT
STA 8+163 TO 8+182 RT
STA 8+185 TO 8+214 RT
STA 8+218 TO 8+263 RT
STA 8+269 TO 8+270 RT

ERECTING SALVAGED SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1



LEGEND

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

PAVING LAYOUT 9B - PROPOSED

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:01
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
DESIGNED BY:	NLL	CHECKED BY:	NLL		
IPARM FILE NAME:	p06b032a09b.i				
					SHEET 77 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 8+271 TO 8+277 SOLID RT NO PARKING
 STA 8+274 TO 8+277 SOLID LT PARKING
 STA 8+276 TO 8+320 SOLID RT
 STA 8+277 TO 8+283 SOLID LT NO PARKING
 STA 8+285 TO 8+317 SOLID LT PARKING
 STA 8+327 TO 8+430 SOLID RT
 STA 8+341 TO 8+430 SOLID LT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 8+270 TO 8+318 SOLID LT & RT
 STA 8+335 TO 8+430 SOLID LT & RT

TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE I TAPE
 STA 8+324 RT (SA 7)

TEMPORARY CROSSWALK MARKING, PAINT
 STA 8+319 TO 8+328 RT (SA 7)
 STA 8+327 TO 8+331 LT (TH 71)

SPECIAL PROVISION
 (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)
 STA 8+319 TO 8+328 RT (SA 7)
 STA 8+327 TO 8+331 LT (TH 71)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE I TAPE
 STA 8+324 RT - "STOP" (SA 7)

CONSTRUCT SIDEWALK RAMP
 W/DETECTABLE WARNING SURFACE (YELLOW)
 STA 8+327 LT (TYPE 1) (TH 71)
 STA 8+331 LT (TH 71)

CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 STA 8+317 RT (CB)
 STA 8+328 LT (CB)
 STA 8+331 RT (CB)
 STA 8+424 RT (CB)

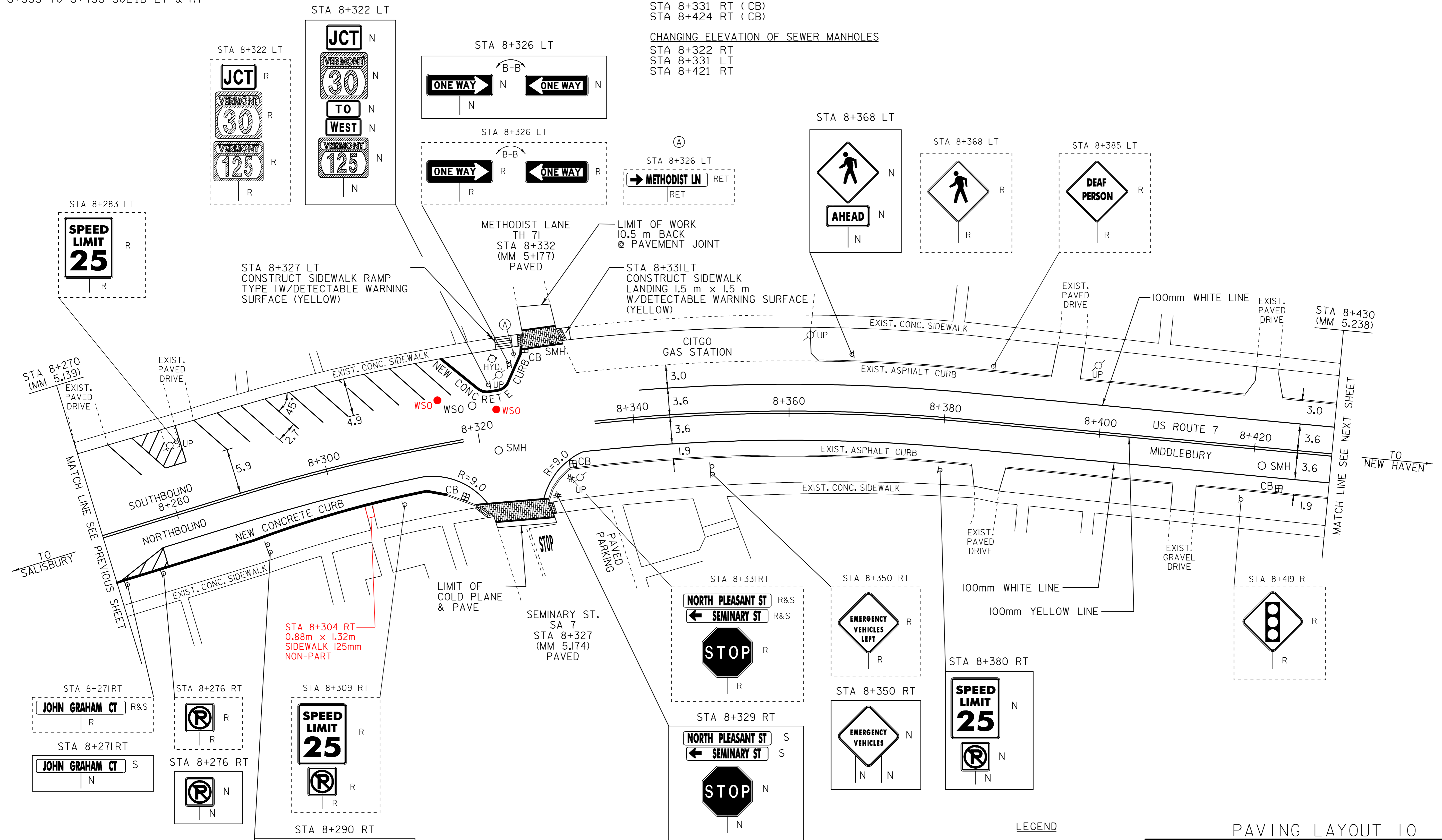
CHANGING ELEVATION OF SEWER MANHOLES
 STA 8+322 RT
 STA 8+331 LT
 STA 8+421 RT

ADJUST ELEVATION OF VALVE BOX
 STA 8+320 LT STA 8+319 LT
 STA 8+322 LT
 CAST-IN-PLACE CONCRETE CURB, TYPE B
 STA 8+270 TO 8+315 RT
 STA 8+317 TO 8+327 LT

THINNING AND TRIMMING FOR SIGNS
 STA 8+350 RT
 STA 8+368 LT
 STA 8+419 RT
 SEE DETAIL SHEET 101

REMOVING SIGNS
 AS SHOWN - 17

ERECTING SALVAGED SIGNS
 AS SHOWN - 3



STA 8+304 RT
 0.88m x 1.32m
 SIDEWALK 125mm
 NON-PART

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

PAVING LAYOUT 10
 PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: NH 2603(I)S
 FILE NAME: /pave/06b032/p06b032.dgn PLOT DATE: 06-OCT-2008 13:11
 PROJECT LEADER: PTS DRAWN BY: MRS
 DESIGNED BY: NLL CHECKED BY: NLL
 IPARM FILE NAME: p06b032la10.1 SHEET 78 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 STA 8+430 TO 8+516 SOLID RT
 STA 8+430 TO 8+518 SOLID LT
 STA 8+450 TO 8+482 DOTTED RT LANE LINE
 STA 8+482 TO 8+513 SOLID RT LANE LINE
 STA 8+519 SOLID LT (TH 72)
 STA 8+522 SOLID LT (TH 72) LANE LINE
 STA 8+531 SOLID LT (TH 72)
 STA 8+532 TO 8+590 SOLID RT
 STA 8+533 TO 8+590 SOLID LT

DURABLE 100mm WHITE LINE, THERMOPLASTIC

STA 8+430 TO 8+516 SOLID RT
 STA 8+430 TO 8+518 SOLID LT
 STA 8+519 SOLID LT (TH 72)
 STA 8+531 SOLID LT (TH 72)
 STA 8+532 TO 8+590 SOLID RT
 STA 8+533 TO 8+590 SOLID LT

DURABLE 100mm WHITE LINE, TYPE ITAPE

STA 8+450 TO 8+482 DOTTED RT LANE LINE
 STA 8+482 TO 8+513 SOLID RT LANE LINE
 STA 8+522 SOLID LT (TH 72) LANE LINE

TEMPORARY 100mm YELLOW LINE, PAINT
DURABLE 100mm YELLOW LINE, THERMOPLASTIC

STA 8+430 TO 8+513 SOLID LT & RT
 STA 8+520 TO 8+521 DOUBLE SOLID RT (TH 75)
 STA 8+525 DOUBLE SOLID LT (TH 72)
 STA 8+535 TO 8+590 SOLID LT TO RT

TEMPORARY CROSSWALK MARKING, PAINT

STA 8+516 TO 8+524 RT (TH 75)
 STA 8+518 TO 8+533 LT (TH 72)
 STA 8+531 TO 8+533 RT TO LT

SPECIAL PROVISION
(DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

STA 8+516 TO 8+524 RT (TH 75)
 STA 8+518 TO 8+533 LT (TH 72)
 STA 8+531 TO 8+533 RT TO LT

CONSTRUCT SIDEWALK RAMP
W/DETECTABLE WARNING SURFACE (YELLOW)

STA 8+516 RT (TYPE 1) (TH 75)
 STA 8+518 LT (TYPE 6) (TH 72)
 STA 8+524 RT (TYPE 6) (TH 75)
 STA 8+531 RT (TYPE 2)
 STA 8+533 LT (TYPE 5) (TH 72)

TEMPORARY 600mm STOP BAR, PAINT
DURABLE 600mm STOP BAR, TYPE ITAPE

STA 8+513 RT
 STA 8+519 TO 8+526 LT (TH 72)
 STA 8+521 TO 8+524 RT (TH 75)
 STA 8+535 LT

TEMPORARY LETTER OR SYMBOL, PAINT

STA 8+483 RT - LEFT TURN ARROW
 STA 8+511 RT - LEFT TURN ARROW
 STA 8+521 LT - RIGHT TURN ARROW (TH 72)
 STA 8+521 LT - THROUGH ARROW (TH 72)
 STA 8+524 LT - LEFT TURN ARROW (TH 72)

DURABLE LETTER OR SYMBOL, TYPE ITAPE

STA 8+483 RT - LEFT TURN ARROW
 STA 8+497 RT - "ONLY"
 STA 8+511 RT - LEFT TURN ARROW
 STA 8+521 LT - RIGHT TURN ARROW (TH 72)
 STA 8+521 LT - THROUGH ARROW (TH 72)
 STA 8+524 LT - LEFT TURN ARROW (TH 72)

REHAB. DROP INLETS, CATCH BASINS
OR MANHOLES, CLASS 1

STA 8+510 LT (CB)

CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES

STA 8+432 RT (CB)
 STA 8+477 RT (CB)
 STA 8+496 RT (CB)
 STA 8+512 RT (CB)
 STA 8+527 RT (CB) - DID NOT TOUCH
 STA 8+535 LT (CB)

CHANGING ELEVATION OF SEWER MANHOLES

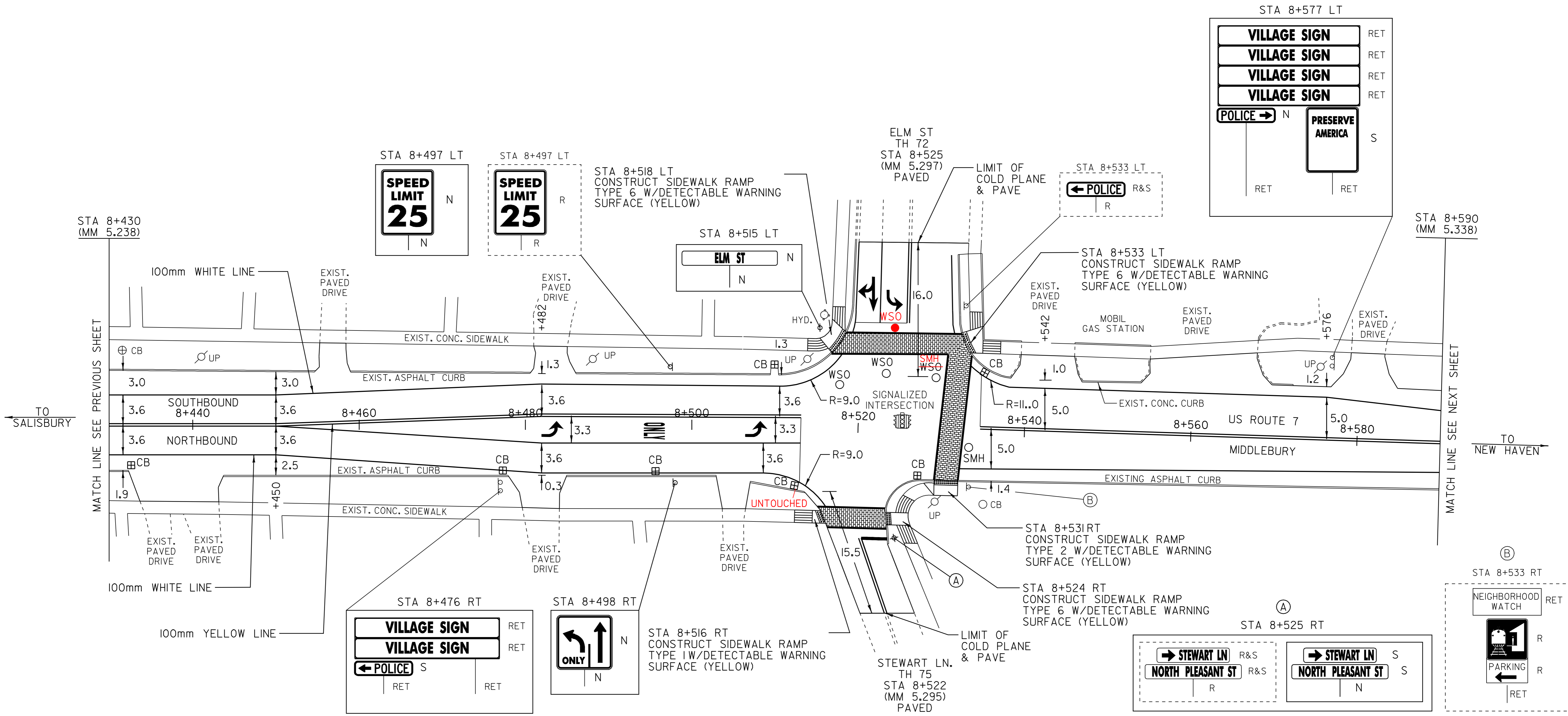
STA 8+533 RT
 STA 8+529 LT
 ADJUST ELEVATION OF VALVE BOX

STA 8+518 LT
 STA 8+523 LT
 STA 8+529 LT
 STA 8+522 LT
 REMOVING SIGNS

AS SHOWN - 6

ERECTING SALVAGED SIGNS

AS SHOWN - 4



LEGEND

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

PAVING LAYOUT II

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:1
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032tall.i		SHEET 79 OF 103

NOT TO SCALE

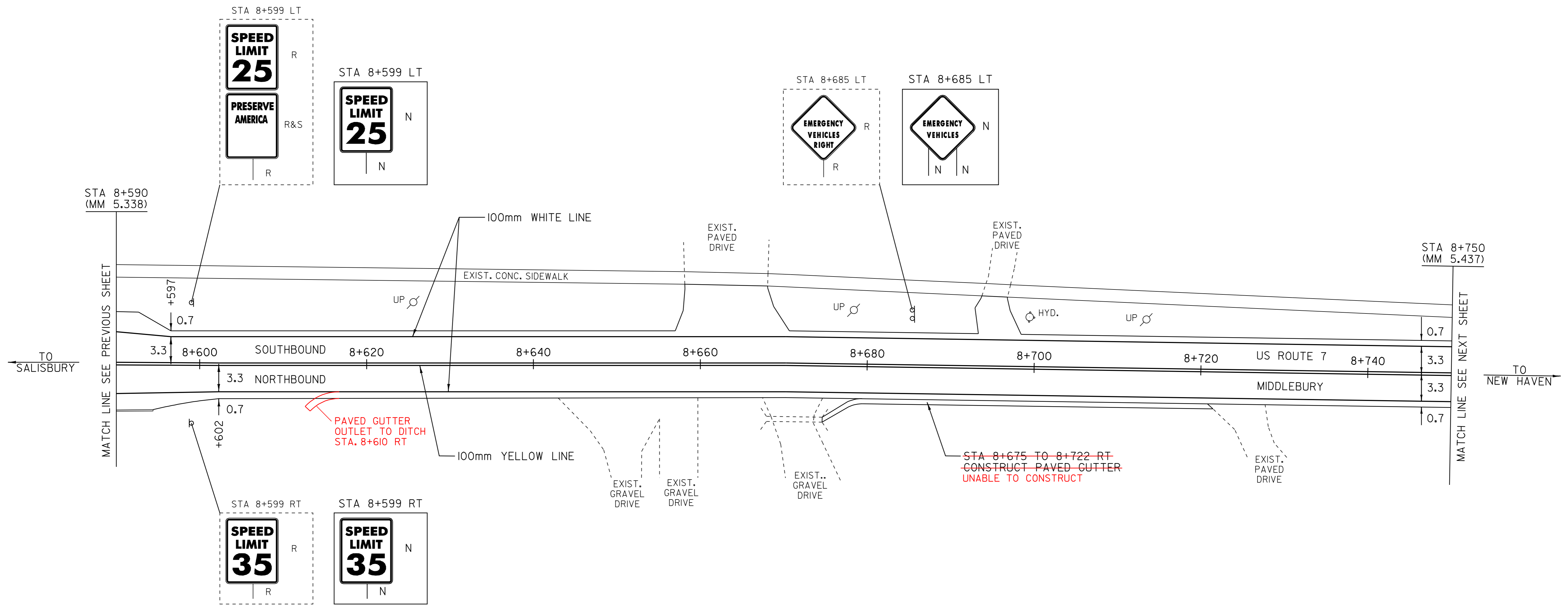
NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 8+590 TO 8+750 SOLID LT & RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
~~STA 8+675 TO 8+722 RT~~ UNABLE TO CONSTRUCT
 STA 8+601RT (3.3m IN LENGTH)

REMOVING SIGNS
 AS SHOWN - 4

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 8+590 TO 8+750 SOLID LT & RT



LEGEND

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

PAVING LAYOUT 12

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:
PROJECT NUMBER:	NH 2603(I)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b032la2.1	SHEET	80 OF 103

NOT TO SCALE

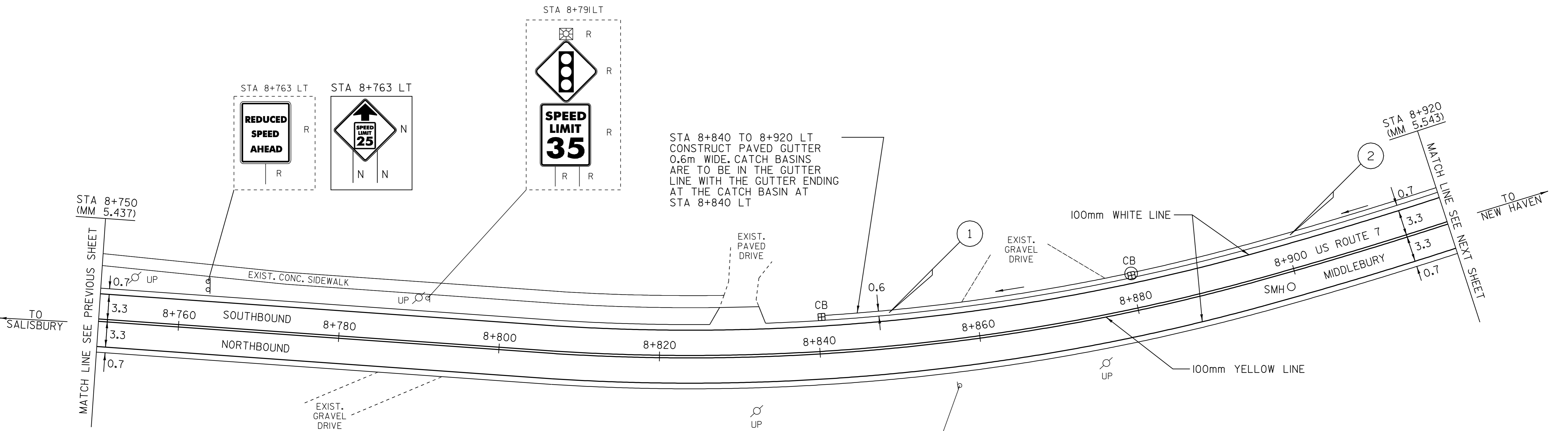
NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 8+750 TO 8+920 SOLID LT & RT

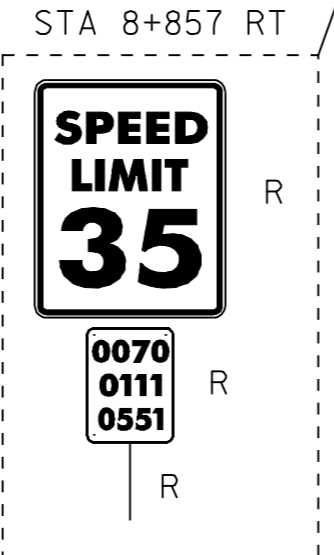
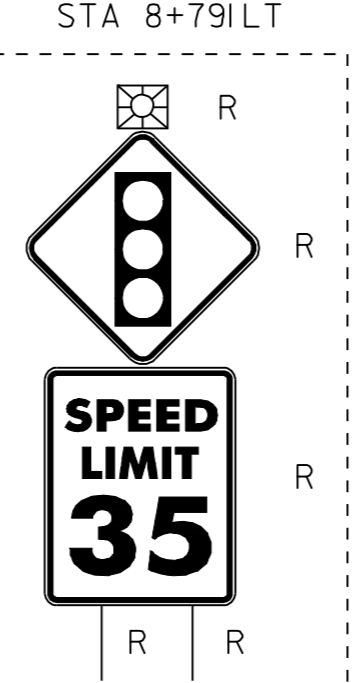
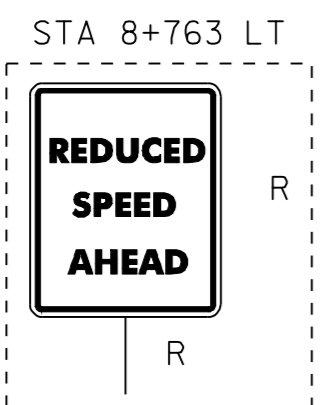
TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 8+750 TO 8+920 SOLID LT & RT

REHAB. DROP INLETS,
 CATCH BASINS, OR MANHOLES, CLASS I
 STA 8+840 LT
 CHANGING ELEVATION OF SEWER MANHOLES
 STA 8+899 RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA 8+840 TO 8+920 LT
 REMOVING SIGNS
 AS SHOWN - 5



STA 8+840 TO 8+920 LT
 CONSTRUCT PAVED GUTTER
 0.6m WIDE. CATCH BASINS
 ARE TO BE IN THE GUTTER
 LINE WITH THE GUTTER ENDING
 AT THE CATCH BASIN AT
 STA 8+840 LT



- ① ^{375mm}
 STA 8+840 TO 8+880 LT
 NEW ~~450mm~~ x 37.7 m CSP (1.63)
 OR PCCSP (1.63) OR RCP CLASS III OR CPEP (SL)
 NEW 1.2 m PRCCB W/CIGRATE, TYPE E AT STA 8+880 LT
 CONNECT TO EXISTING CB AT 8+840 LT
- ② ^{375mm}
 STA 8+880 TO 8+935 LT
 NEW ~~450mm~~ x 53.2 m CSP (1.63)
 OR PCCSP (1.63) OR RCP CLASS III OR CPEP (SL)
 NEW 1.2 m PRCCB W/CIGRATE, TYPE E AT STA 8+935 LT

LEGEND

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

PAVING LAYOUT 13

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:1
PROJECT NUMBER: NH 2603(I)S	DRAWN BY: MRS
FILE NAME: /pave/06b032/p06b032.dgn	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 81 OF 103
DESIGNED BY: NLL	
IPARM FILE NAME: p06b032la3.i	

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 8+920 TO 9+052 SOLID RT
 STA 8+920 TO 9+090 SOLID LT
 STA 9+076 TO 9+090 SOLID RT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 8+920 TO 9+090 SOLID LT & RT

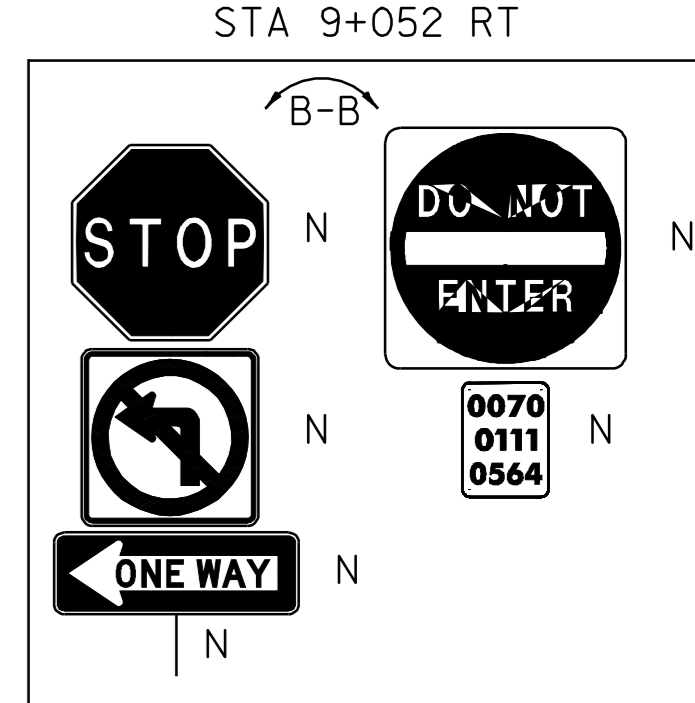
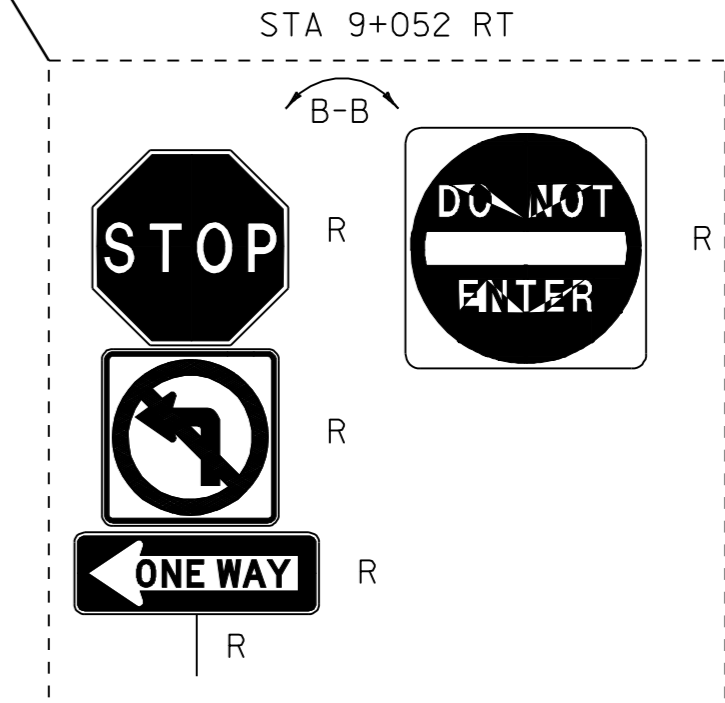
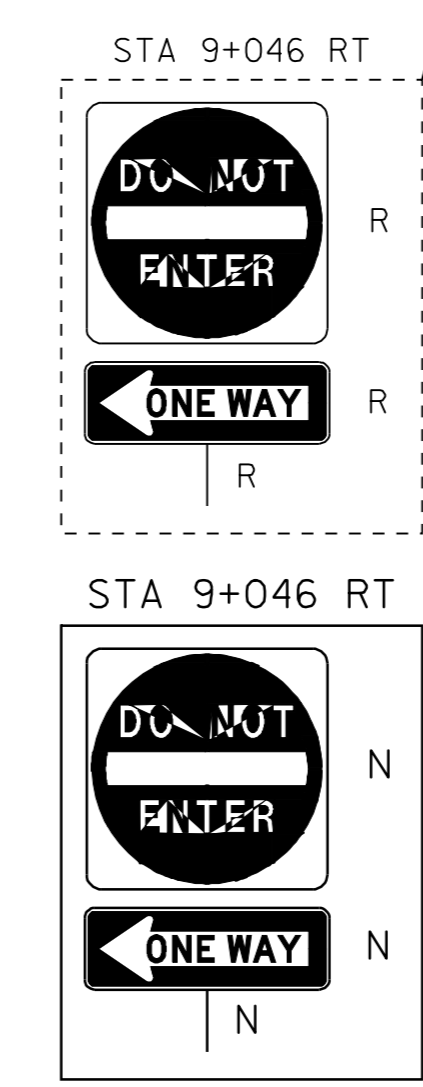
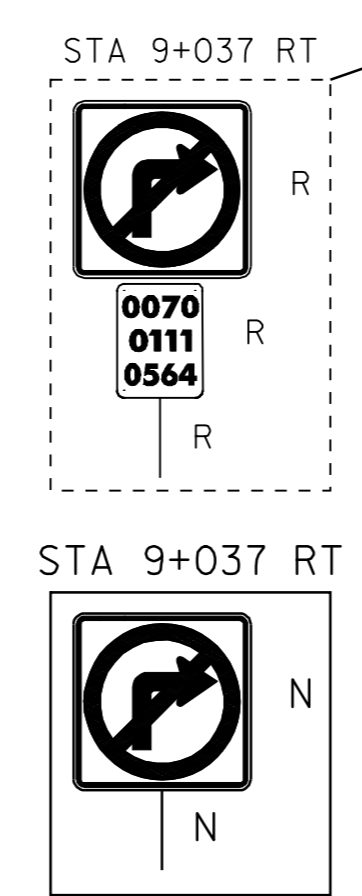
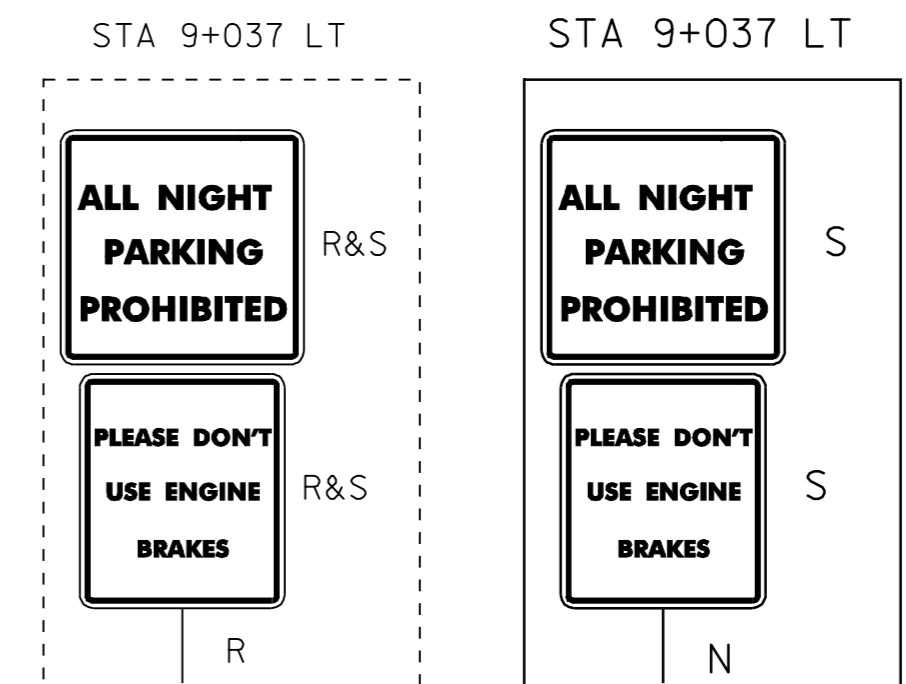
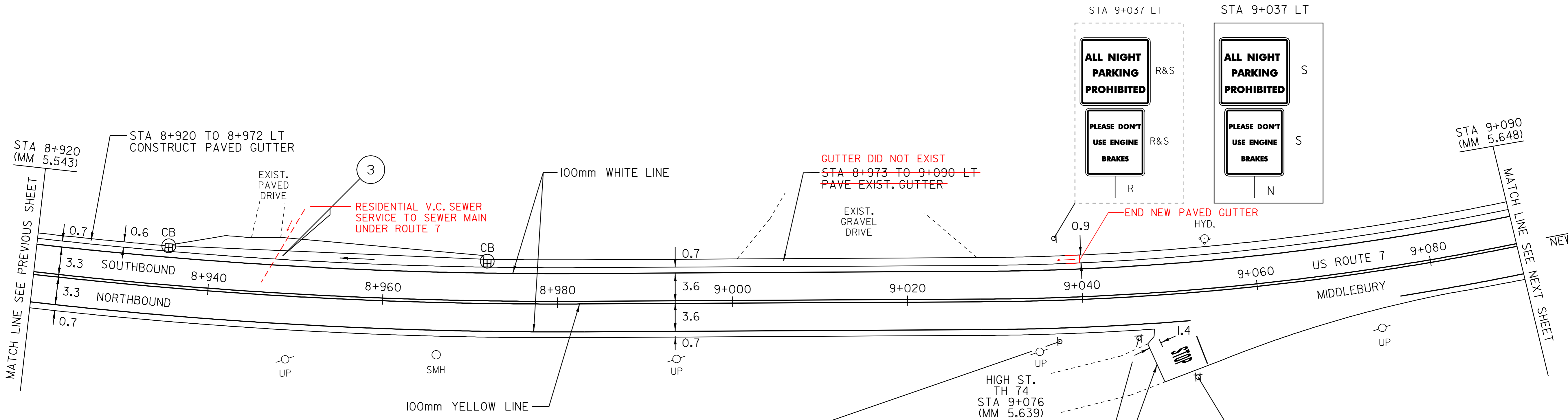
TEMPORARY 600mm STOP BAR, PAINT
 DURABLE 600mm STOP BAR, TYPE ITAPE
 STA 9+053 RT (TH 74)

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 STA 9+051 RT - "STOP" (TH 74)

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA 8+920 TO 9+090 LT
 9+040 LT
 THINNING AND TRIMMING FOR SIGNS
 STA 9+037 LT
 SEE DETAIL SHEET 101

REMOVING SIGNS
 AS SHOWN - 10

ERECTING SALVAGED SIGNS
 AS SHOWN - 2



375mm
 3 STA 8+935 TO 8+972 LT
 NEW 450mm x 35.2 m CSP (1.63)
 OR PCCSP (1.63) OR RCP CLASS III OR CPEP (SL)
 NEW 1.2 m PRCCB W/CIGRATE, TYPE E AT STA 8+972 LT

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

PAVING LAYOUT 14
 PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: NH 2603(IIS)
 FILE NAME: /pave/06b032/p06b032.dgn PLOT DATE: 06-OCT-2008 13:1
 PROJECT LEADER: PTS DRAWN BY: MRS
 DESIGNED BY: NLL CHECKED BY: NLL
 IPARM FILE NAME: p06b032la4.1 SHEET 82 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

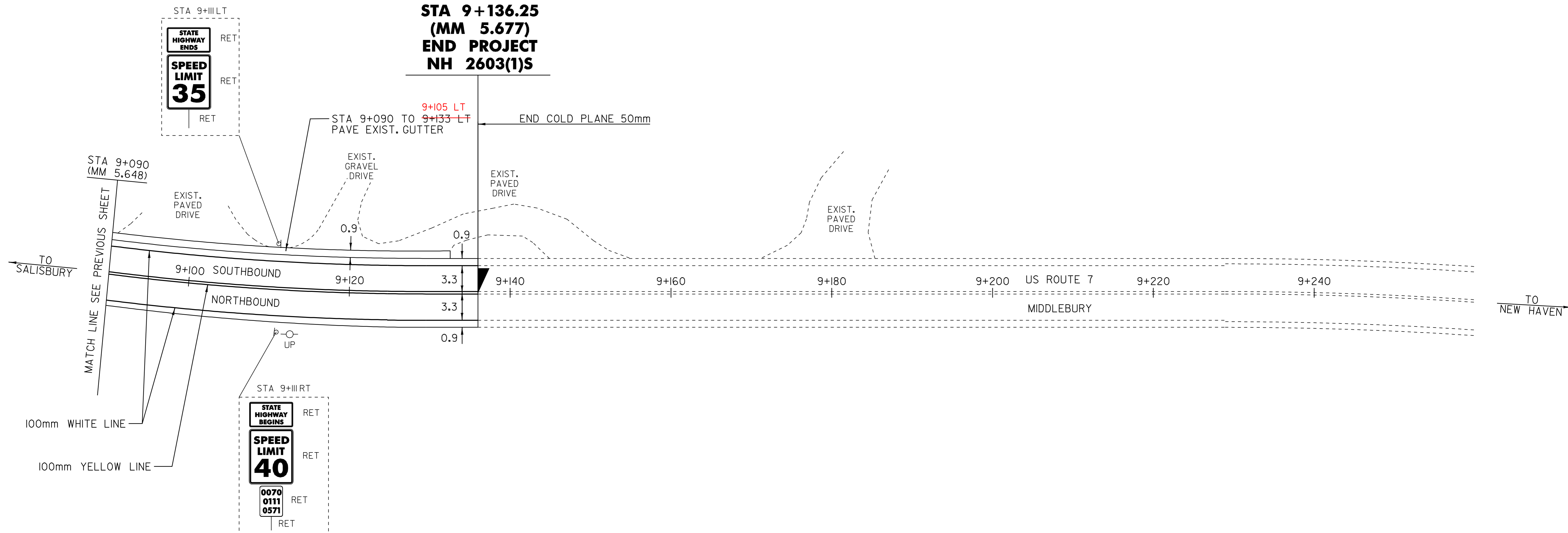
TEMPORARY 100mm WHITE LINE, PAINT
 DURABLE 100mm WHITE LINE, THERMOPLASTIC
 STA 9+090 TO 9+137 SOLID LT & RT

TEMPORARY 100mm YELLOW LINE, PAINT
 DURABLE 100mm YELLOW LINE, THERMOPLASTIC
 STA 9+090 TO 9+137 SOLID LT & RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA 9+090 TO ~~9+133~~ LT
~~9+105~~ LT
 THINNING AND TRIMMING FOR SIGNS
 STA 9+111 RT
 SEE DETAIL SHEET 101



**US ROUTE 7
 STA 9+136.25
 (MM 5.677)
 END PROJECT
 NH 2603(1)S**



LEGEND

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

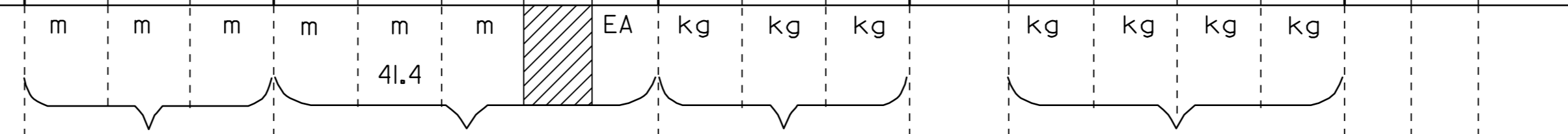
PAVING LAYOUT 15

PROJECT NAME:	MIDDLEBURY	FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008 13:1
PROJECT NUMBER:	NH 2603(1)S	PROJECT LEADER:	PTS	DRAWN BY:	MRS
		DESIGNED BY:	NLL	CHECKED BY:	NLL
		IPARM FILE NAME:	p06b0321a15.i	SHEET	83 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS												REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75		89	100	125			FTG. SIZE		WEIGHT	POST SIZE
																												kg/m	kg/m		
MIDDLEBURY US ROUTE 7 STA 6+859 LT	CREEK RD					1			1				X		X											SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN					
	COURT ST					1																				SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN					
	0070 0111 0428	1	750	750	0.56																					R1-1 BACK TO BACK		E-143 E-138			
STA 6+863 RT		1	750	750	0.56				1				X		X											W11-2 FLUORESCENT YELLOW - GREEN SHEETING		E-152			
		1	600	300	0.18																					W16-7P FLUORESCENT YELLOW - GREEN SHEETING		E-152			
STA 6+882 LT		1	750	750	0.56				1				X		X											W11-2 FLUORESCENT YELLOW - GREEN SHEETING		E-152			
		1	600	300	0.18																					W16-7P FLUORESCENT YELLOW - GREEN SHEETING		E-152			
STA 6+964 RT		1	900	900	0.81				2				X		X											S1-1 FLUORESCENT YELLOW - GREEN SHEETING		E-153			
		1	900	600	0.54																					W16-9P FLUORESCENT YELLOW - GREEN SHEETING					
STA 7+005 RT		1	1825	500	0.91				2				X		X											D1-2(L)		E-123			
STA 7+105 RT	MONROE ST					1			1				X		X																
STA 7+107 RT		1	750	750	0.56				1				X		X											VR-921		E-145A			



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

TOTALS	4.90	m ²	3	EA.	m ²		m	41.4	kg	EA.	kg	EA.	EA.	kg
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PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(I)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	p06b032+ss01.i	SURVEY DATE:	05-06
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	85 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN	REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
												1.7	3.0	4.5	3.4	50	63	75	100	100 MOD	FOUND-ATION	75			89	100			125	FTG. SIZE		WEIGHT	POST SIZE
																														kg/m	kg/m		
STA 7+138 LT	COURT ST						1			1					X		X												SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN				
	CHARLES AVE						1																										
STA 7+168 LT		1	600	900	0.54					1					X		X											R10-6		E-140			
STA 7+200 RT	THOMAS ST						1			1					X		X																
		1	750	750	0.56																							R1-1		E-143			
STA 7+225 LT	MIDDLEBURY UNION HIGH SCHOOL	1	1825	500	0.91					2					X		X											D1-2(R)		E-123			
STA 7+320 LT		1	900	900	0.81					2					X		X										S1-1	FLUORESCENT YELLOW - GREEN SHEETING		E-153			
	AHEAD	1	900	600	0.54																						W16-9P	FLUORESCENT YELLOW - GREEN SHEETING					
STA 7+369 RT		1	600	750	0.45					1					X		X											R2-1		E-142			
STA 7+434 RT	MARY HOGAN ELEMENTARY SCHOOL	1	1825	500	0.91					2					X		X											D1-2(R)		E-123			
STA 7+476 RT		1	600	750	0.45					1					X		X											R10-11A		E-140			
STA 7+496 RT		1	600	900	0.54					1					X		X											R10-6		E-140			
STA 7+532 LT		1	750	750	0.56					1					X		X											VR-921		E-145A			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."												m		m		EA.		m ²		EA.		kg		EA.		kg		EA.		EA.		kg		PROJECT : MIDDLEBURY		PROJECT NO. : NH 2603(I)S	
												59.8						59.8												DESIGN FILE NAME: /pave/06b032/p06b032.dgn		PLOT DATE: 06-OCT-2008					
																														IPARM FILE NAME: p06b032+ss02.i		SURVEY DATE: 05-06					
																														SURVEYED BY: CLD ENGINEERS INC		DRAWN BY: MRS					
																														SQUAD LEADER: PTS		SHEET: 86 OF 103					

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS												REMARKS	SIGN DETAIL						
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	75	89	100		125	FTG. SIZE			WEIGHT	POST SIZE	
																									kg/m					kg/m
STA 7+564 RT		1	600	300	0.18					1				X		X											M4-11	E-140		
		1	600	900	0.54																						R3-9B	E-140		
STA 7+569 LT		1	600	300	0.18					1				X		X											M4-6	E-140		
		1	600	900	0.54																						R3-9B	E-140		
STA 7+617 RT		1	600	300	0.18					1				X		X											M4-6	E-140		
		1	600	900	0.54																						R3-9B	E-140		
		1	750	750	0.56																						VR-921	E-145A		
STA 7+631 LT		1	600	300	0.18					1				X		X											M4-11	E-140		
		1	600	900	0.54																						R3-9B	E-140		
STA 7+672 LT	CROSS ST									1				X		X														
	COURT ST																													
	NEIGHBORHOOD WATCH																													
STA 7+676 LT		1	750	750	0.56					1				X		X											R1-1	E-143		

m	m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg
							27.6															
							m															
							27.6															

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

TOTALS	m ²	m ²	EA.	m ²		
	4.00		3			

PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(I)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	p06b032+ss03.i	SURVEY DATE:	05-06
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	87 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN	REMARKS	SIGN DETAIL												
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER									
												1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75			89	100			125	FTG. SIZE		WEIGHT	POST SIZE				
																														kg/m	kg/m			kg/m	600 mm	750 mm	
STA 7+717 LT						1				1				X		X																					
						1																															
STA 7+765 RT		1	750	750	0.56					1				X		X																	R1-1	E-143			
STA 7+767 RT	MARY HOGAN DR					1				1				X		X																					
	COURT ST					1																															
	NEIGHBORHOOD WATCH					1																															
STA 7+786 RT		1	600	750	0.45					1				X		X																		R2-1	E-142		
STA 7+836 LT		1	600	750	0.45					1				X		X																		R2-1	E-142		
STA 7+870 LT	E. MIDDLEBURY 5	1	1825	300	0.55					2				X		X																		D1-1	E-123		
	BRANDON 8	1	1825	300	0.55																														D1-1	E-123	
	MARY HOGAN ELEMENTARY SCHOOL	1	1825	500	0.91																														D1-2(R)	E-123	
STA 7+890 RT		1	750	750	0.56					1				X		X																			R3-7R	E-140	
STA 7+894 LT	TRAVEL INFORMATION					2				1				X		X																				BACK TO BACK	

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

TOTALS	EA	kg	kg	kg	kg	EA	kg	EA	EA	kg
4.03	7	41.4	41.4	41.4	41.4	7	41.4	7	7	41.4

PROJECT : MIDDLEBURY	PROJECT NO. : NH 2603(I)S
DESIGN FILE NAME: /pave/06b032/p06b032.dgn	PLOT DATE: 06-OCT-2008
IPARM FILE NAME: p06b032+ss04.i	SURVEY DATE: 05-06
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: MRS
SQUAD LEADER: PTS	SHEET: 88 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAINED	SALVAGED	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN FRAME	REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
												1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75			89	100			125	FTG. SIZE		WEIGHT	POST SIZE
																														kg/m	kg/m		
STA 7+904 LT		1	600	300	0.18					1					X		X												M3-3	E-136A			
		1	600	600	0.36																							M1-4	E-136A				
		1	600	300	0.18																							M4-5	E-136B				
		1	600	300	0.18																							M3-2	E-136B				
		1	750	600	0.45																								E-136B				
STA 7+947 RT		1	600	300	0.18					2					X		X								X			M4-5 (SIGN FRAMES E-123)	E-136B E-136A				
		1	600	300	0.18																							M3-3	E-136B E-136A				
		1	600	600	0.36																								E-136B E-136A				
		1	600	300	0.18																							M3-4 M3-1	E-136B				
		1	750	600	0.45																								M1-4	E-136B			
		1	525	375	0.20																								M6-2 M6-2	E-136B			
STA 7+947 LT		1	450	450	0.20					1																			OM1-1 - W/RETAINED R4-7 SIGN BACK TO BACK	E-150 E-150			
STA 7+966 RT										1					X		X													SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN			
										1																				SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF SIGN			
		1	600	600	0.36																								R3-2	E-143			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."												m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg
															9.2	9.2												
												m	m	EA.	m ²		kg	EA.	kg	EA.	EA.	kg						
												TOTALS	4.40	m ²	2		18.4											

PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(I)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	p06b032+ss05.1	SURVEY DATE:	05-06
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	89 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN	REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
												1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75			89	100			125	FTG. SIZE		WEIGHT	POST SIZE
																														kg/m	kg/m		
STA 7+988 RT		1	750	750	0.56					1				X		X											W11-2	FLUORESCENT YELLOW - GREEN SHEETING		E-152			
		1	600	300	0.18																						W16-7P	FLUORESCENT YELLOW - GREEN SHEETING		E-152			
STA 7+990 RT	WASHINGTON ST →									1				X		X												SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF SIGN					
		1	600	600	0.36																						W12-1	BACK TO BACK		E-151			
		1	750	750	0.56																					R5-1			E-143				
		1	450	450	0.20																						OM1-1		E-150				
STA 7+992 LT		1	750	750	0.56					1				X		X											R5-1		E-143				
		1	900	300	0.27																						R6-1R		E-142				
STA 7+994 RT	TO TO NORTH	1	600	300	0.18					2					X	X										X	M4-5	(SIGN FRAMES E-123)		E-136B			
		1	600	300	0.18																						M4-5			E-136B			
		1	600	300	0.18																						M3-1		E-136A				
	SOUTH WEST 7	1	600	300	0.18																						M3-3		E-136B				
		1	600	300	0.18																						M3-4		E-136B				
		1	600	600	0.36																						M1-4		E-136A				
	30 125 ←	1	600	600	0.36																								E-136B				
		1	750	600	0.45																								E-136B				
		1	525	375	0.20																							M6-1		E-136A			
	← ←	1	525	375	0.20																							M6-1		E-136B			
		1	525	375	0.20																						M6-1		E-136B				
STA 7+994 RT		1	600	750	0.45					1				X		X											R4-7		E-144				
		1	450	450	0.20																							OM1-1		E-150			
STA 7+996 RT	 900 X 900 X 900	1			0.35					1				X		X												R1-2		E-146			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S *SIGN POST DESIGN GUIDELINE.*												m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg	PROJECT : MIDDLEBURY		PROJECT NO. : NH 2603(I)S	
												23.0	9.2															DESIGN FILE NAME: /pave/06b032/p06b032.dgn		PLOT DATE: 06-OCT-2008		
												TOTALS		m ²	m ²	EA.	m ²		m	m	kg	EA.	kg	EA.	EA.	kg	IPARM FILE NAME: p06b032+ss06.i		SURVEY DATE: 05-06			
												6.36		1														SURVEYED BY: CLD ENGINEERS INC		DRAWN BY: MRS		
																												SQUAD LEADER: PTS		SHEET: 90 OF 103		

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN	REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75			89	100			125	FTG. SIZE		WEIGHT	POST SIZE
														kg/m	kg/m	kg/m	kg/m	kg/m	kg/m		kg/m			kg/m	600 mm			750 mm				
STA 7+997 RT		1	750	750	0.56				1				X		X											W11-2	FLUORESCENT YELLOW - GREEN SHEETING		E-152			
		1	600	300	0.18																					W16-7P	FLUORESCENT YELLOW - GREEN SHEETING		E-152			
STA 8+001 RT		1	600	600	0.36				1				X		X											D9-2	BACK TO BACK		E-132			
		1	600	600	0.36																					R3-2			E-143			
		1	600	150	0.09																								E-132			
STA 8+001 RT		1			0.35				1				X		X												R1-2			E-146		
STA 8+022 LT		1	1200	750	0.90				2				X		X													101				
STA 8+044 RT		1	750	750	0.56				1				X		X												W11-2	FLUORESCENT YELLOW - GREEN SHEETING		E-152		
		1	600	300	0.18																						W16-7P	FLUORESCENT YELLOW - GREEN SHEETING		E-152		
STA 8+045 LT		1	750	750	0.56				1				X		X												W11-2	FLUORESCENT YELLOW - GREEN SHEETING		E-152		
		1	600	300	0.18																						W16-7P	FLUORESCENT YELLOW - GREEN SHEETING		E-152		
STA 8+065 LT		1	750	750	0.56				1				X		X												R5-1			E-143		
		1	900	300	0.27																						R6-1R			E-142		

OPTION ITEMS

m m m m m m EA kg kg kg kg kg kg kg kg

36.8

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

TOTALS	m ²	m ²	EA.	m ²		m	m	kg	EA.	kg	EA.	EA.	kg
	5.11						36.8						

PROJECT : MIDDLEBURY PROJECT NO. : NH 2603(I)S

DESIGN FILE NAME: /pave/06b032/p06b032.dgn

IPARM FILE NAME: p06b032+ss07.i

SURVEYED BY: CLD ENGINEERS INC

SQUAD LEADER: PTS

PLOT DATE: 06-OCT-2008

SURVEY DATE: 05-06

DRAWN BY: MRS

SHEET: 91 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS												REQUIRE SIGN FRAME	REMARKS	SIGN DETAIL							
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)					W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75	89			100	125			FTG. SIZE		WEIGHT	POST SIZE
																													kg/m	kg/m		
STA 1+051 RT		1	750	750	0.56					1				X		X											R1-1		E-143			
		1	600	600	0.36																						R3-2		E-143			
STA 1+054 RT		1	750	750	0.56					1				X		X											W11-2	FLUORESCENT YELLOW - GREEN SHEETING		E-152		
		1	600	300	0.18																						W16-7P	FLUORESCENT YELLOW - GREEN SHEETING		E-152		
STA 1+063 RT		1	900	750	0.68					1				X		X												VR-925		E-145A		
STA 1+081 RT		1	600	300	0.18					2				X		X									X	M3-1 M4-5 (SIGN FRAMES E-123) M3-3		E-136A E-136A E-136B				
		1	600	600	0.36																						M1-4 M3-2 M1-4		E-136A E-136A E-136B			
		1	525	375	0.20																						M6-1		E-136A			
		1	525	375	0.20																						M6-1		E-136A			
		1	750	600	0.45																						M6-1		E-136B			
		1	525	375	0.20																							M6-1		E-136B		
STA 1+096 RT										1				X		X																
STA 1+104 LT		1	750	750	0.56					1				X		X												W11-2	FLUORESCENT YELLOW - GREEN SHEETING		E-152	
		1	600	300	0.18																							W16-7P	FLUORESCENT YELLOW - GREEN SHEETING		E-152	
STA 1+105 RT		1	600	750	0.45					1				X		X												R10-11A		E-140		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."												m m m m m m m EA kg kg kg			kg kg kg kg									
												36.8												
												m			kg				EA.		kg			
												m ²			m ²				EA.		kg			
												6.02			36.8				1					

PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(I)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	p06b032+ssi0.1	SURVEY DATE:	05-06
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	94 OF 103

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAINED	SALVAGED	NO. OF POSTS	NEW SIGN POSTS												REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
												1.7	3.0	4.5	3.4	3.9	5.0	75	100	100 MOD	FOUND-ATION	75		89	100	125			FTG. SIZE		WEIGHT	POST SIZE
																													kg/m	kg/m		
STA 1+118 LT		1	750	750	0.56					1					X		X											R5-1		E-143		
		1	900	300	0.27																							R6-1R		E-142		
STA 1+120 RT		1	450	450	0.20																							0M1-1 - W/RETAINED SIGN		E-150		
MIDDLEBURY US ROUTE 7 NORTHBOUND																																
STA 8+115 RT		1	450	450	0.20					1					X		X											R1-5	101			
STA 8+127 LT		1	750	750	0.56					1					X		X											W11-2 FLUORESCENT YELLOW - GREEN SHEETING		E-152		
		1	600	300	0.18																							W16-7P FLUORESCENT YELLOW - GREEN SHEETING		E-152		
STA 8+133 LT		1	750	750	0.56					1					X		X												W11-2 FLUORESCENT YELLOW - GREEN SHEETING		E-152	
		1	600	300	0.18																								W16-7P FLUORESCENT YELLOW - GREEN SHEETING		E-152	
STA 8+145 RT		1	600	600	0.36					1					X		X												D9-2		E-132	
		1	600	150	0.09																										E-132	
STA 8+167 RT		1	600	600	0.36					1					X		X												R3-2		E-143	

m	m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg
							27.6															
							m															
							27.6															

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

TOTALS

PROJECT : MIDDLEBURY PROJECT NO. : NH 2603(I)S
 DESIGN FILE NAME: /pave/06b032/p06b032.dgn PLOT DATE: 06-OCT-2008 I
 IPARM FILE NAME: p06b032+ssllj SURVEY DATE: 05-06
 SURVEYED BY: CLD ENGINEERS INC DRAWN BY: MRS
 SQUAD LEADER: PTS SHEET: 95 OF 103

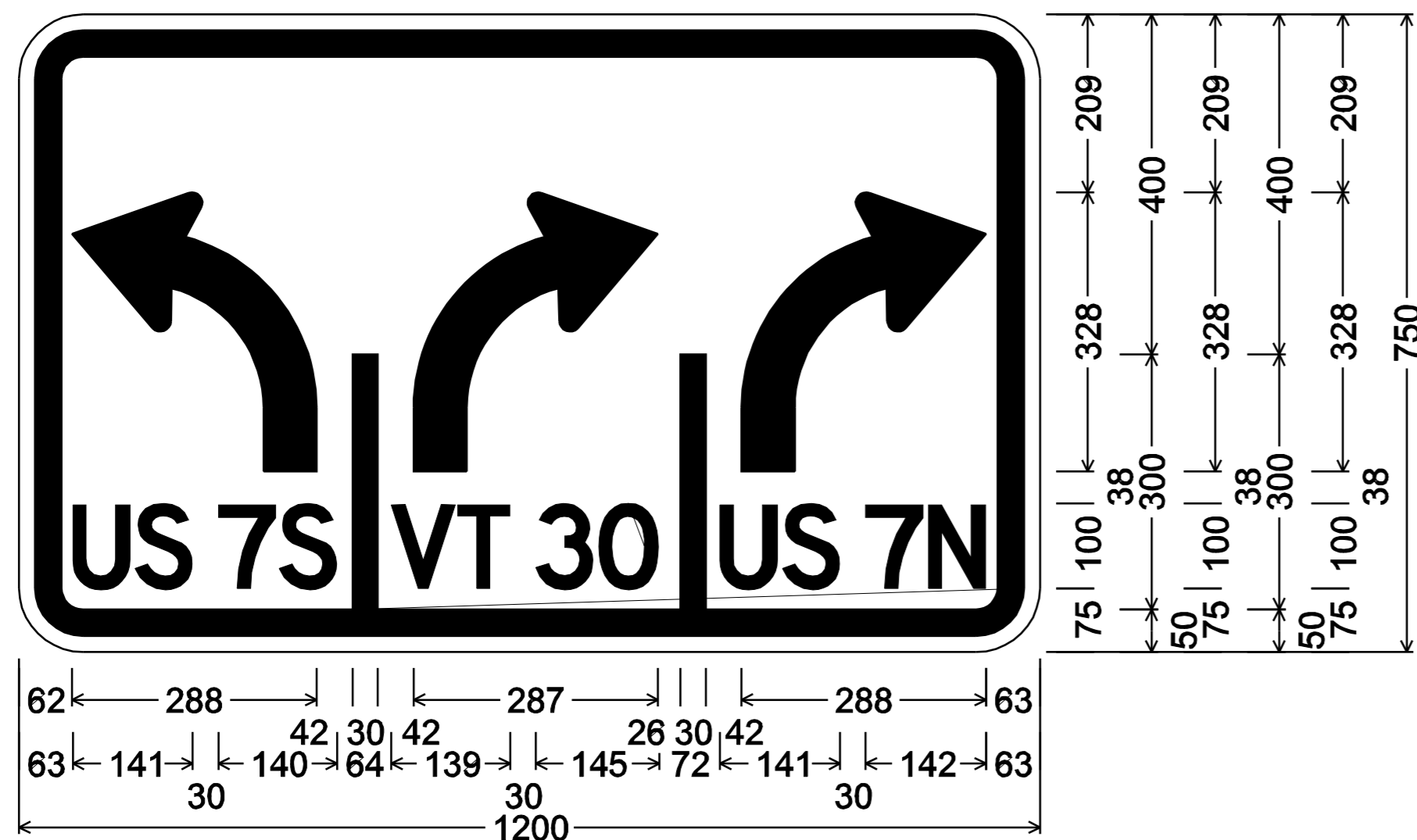
KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REQUIRE SIGN	REMARKS	SIGN DETAIL				
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN				SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
												1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
																										kg/m							kg/m
STA 8+322 LT		1	525	375	0.20					1																	M2-1	E-136B					
		1	600	600	0.36																							E-136B					
		1	600	300	0.18																						M4-5	E-136B					
		1	600	300	0.18																							M3-4	E-136B				
		1	750	600	0.45																							E-136B					
STA 8+326 LT		1 1	900 900	300 300	0.27 0.27					1				X													R6-1R R6-1L	BACK TO BACK E-142					
STA 8+329 RT										1				X														SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED PERPENDICULAR TO TOP OF STREET SIGN					
										1																		SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN					
		1	750	750	0.56																						R1-1	E-143					
STA 8+350 RT		1	900	900	0.81					2				X														VW-544	E-154				
STA 8+368 LT		1	750	750	0.56					1				X														W11-2	FLUORESCENT YELLOW - GREEN SHEETING E-152				
		1	900	600	0.54																							W16-9P	FLUORESCENT YELLOW - GREEN SHEETING				
STA 8+380 RT		1	600	750	0.45					1				X															R2-1	E-142			
		1	300	300	0.09																								R8-3A	E-143			

m	m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg
				27.6	4.6										

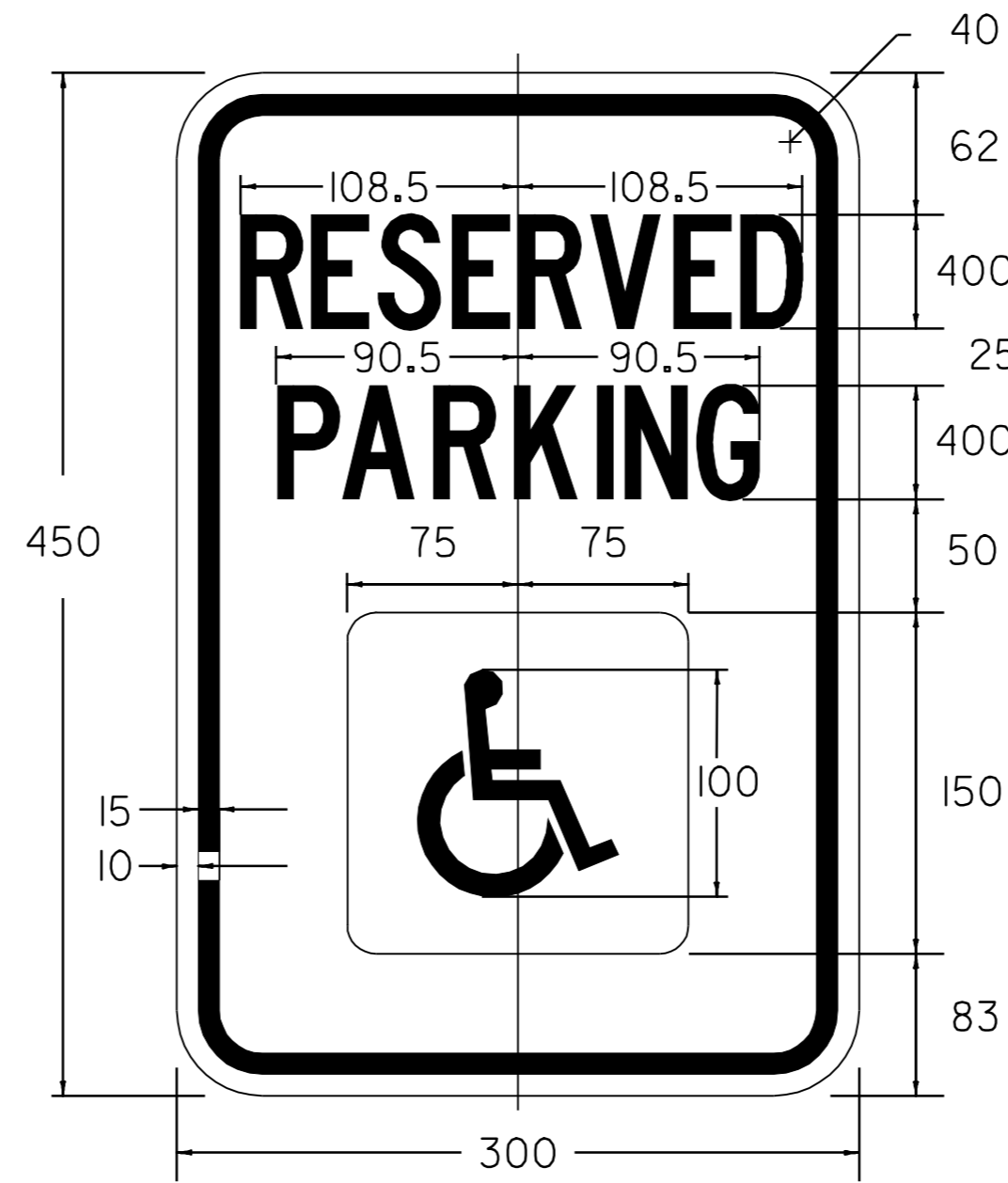
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TOTALS	m ²	m ²	EA.	m ²		m	m	kg	EA.	kg	EA.	EA.	kg
	4.92		2				32.2						

PROJECT :	MIDDLEBURY	PROJECT NO. :	NH 2603(I)S
DESIGN FILE NAME:	/pave/06b032/p06b032.dgn	PLOT DATE:	06-OCT-2008
IPARM FILE NAME:	p06b032+ssi4.1	SURVEY DATE:	05-06
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	MRS
SQUAD LEADER:	PTS	SHEET:	98 OF 103



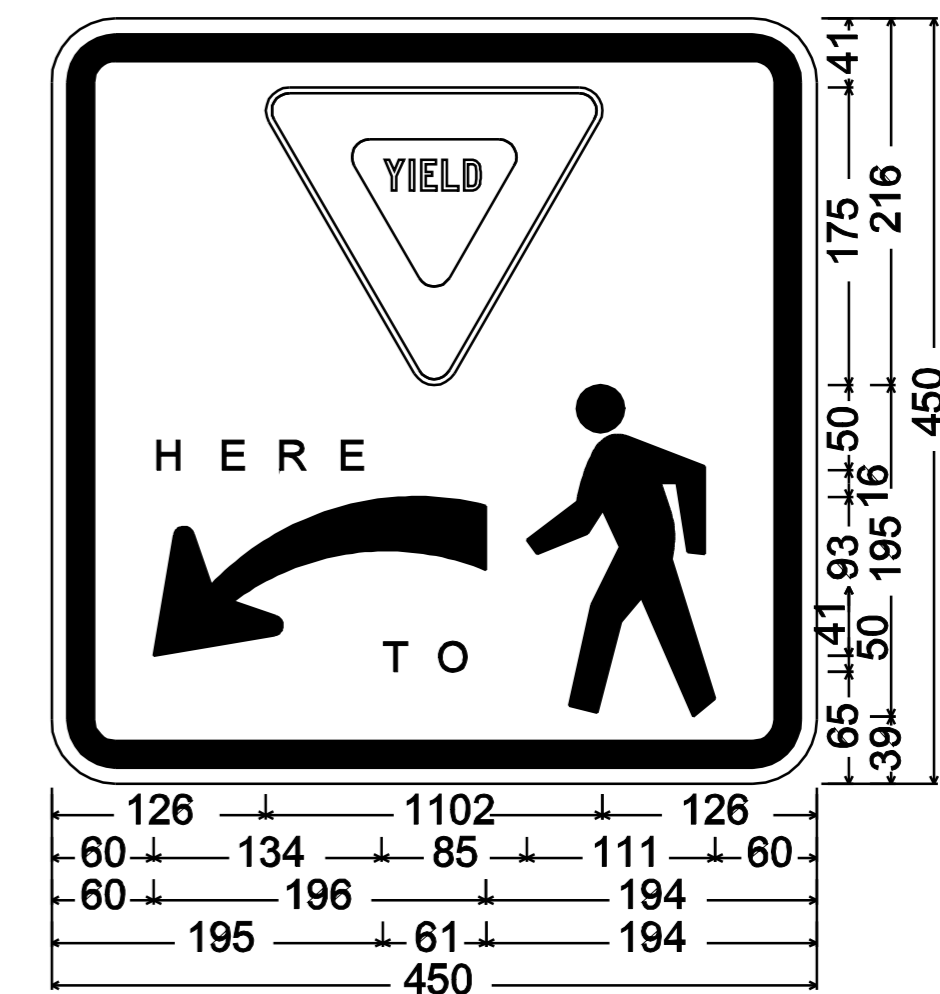
75mm Radius, 30mm Border, 20mm Indent, Black on White;
 EL ir=5.813, s=2.5; [US 7S] D 2K 30% spacing;
 ER ir=5.813, s=2.5; [VT 30] D 2K 30% spacing;
 ER ir=5.813, s=2.5; [US 7N] D 2K 30% spacing;



R7-8M

COLORS:

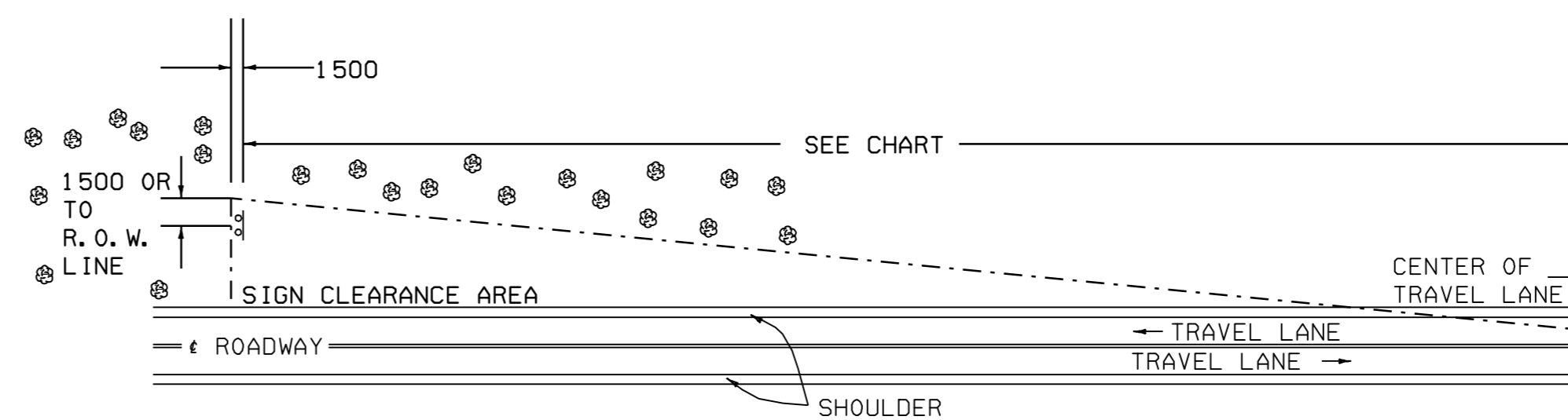
LEGEND AND BORDER-GREEN
 WHITE SYMBOL ON BLUE BACKGROUND
 BACKGROUND WHITE



R1-5L_450x450;
 40mm Radius, 15mm Border, 9mm Indent, Black on White;
 [HERE] C 2K specified length; [TO] C 2K;



40mm Radius, 12mm Border, White on Blue;
 Standard Arrow Custom 120mm X 75mm 180°;
 [POLICE] C 70% spacing;



MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (km/hr)	SIGHT DISTANCE (meters)
50 OR LESS	91
55	107
65	122
70	137
80	152
90	168

THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31 AND PAID FOR AS EACH NO CHEMICALS (POISONS OR DEFOLIANTS) WILL BE ALLOWED.

THINNING AND TRIMMING DETAIL

MISCELLANEOUS DETAIL SHEET

PROJECT NAME: MIDDLEBURY	PLOT DATE: 06-OCT-2008 13:1
PROJECT NUMBER: NH 2603(I)S	DRAWN BY: MRS
FILE NAME: /pave/06b032/p06b032.dgn	CHECKED BY: NULL
PROJECT LEADER: PTS	SHEET 101 OF 103
DESIGNED BY: NULL	
IPARM FILE NAME: p06b032md.l	

NOT TO SCALE

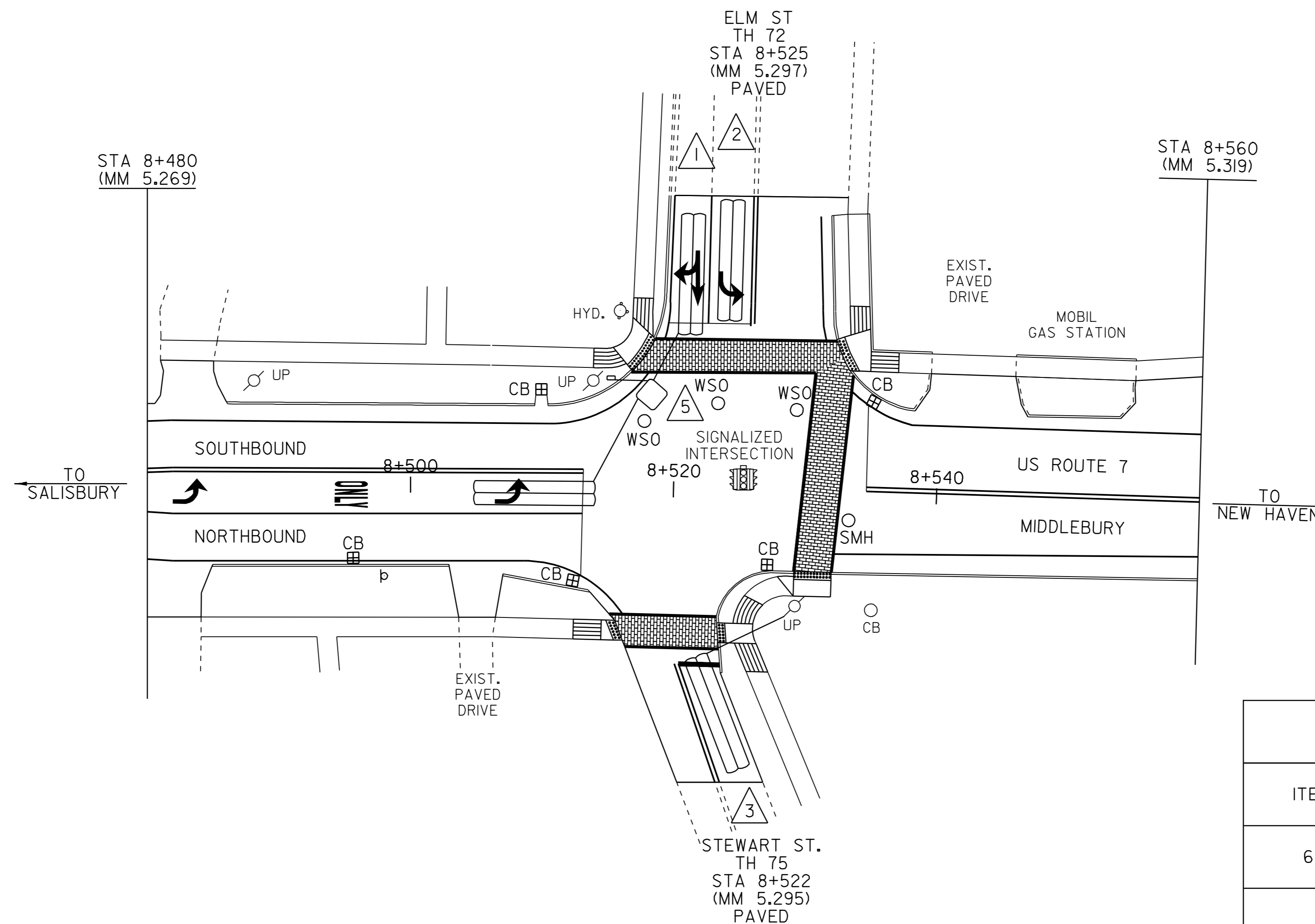
NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

VEHICLE LOOP DETECTORS								TEST RESULTS				
LANE	LOOP NO.	SIZE	NO TURNS	TYPE	CALL Ø	MODE	AMP.	INDUCTANCE micro - H		RESISTANCE OHM @ 77° C (MEGOHM)		LEAKAGE TO GROUND
								CALCULATED	MEASURED	CALCULATED	MEASURED	
EB	1	6' X 30'	2	QUAD				258				
EB	2	6' X 30'	2	QUAD				258				
WB	3	6' X 30'	2	QUAD				258				
NB	4	6' X 30'	2	QUAD				258				
EB	5	6' X 6'	2	RECT				40				

ALL CALCULATED VALUES ARE AT THE CONTROLLER.
MEASURED VALUES MUST BE FILLED IN PRIOR TO JOB ACCEPTANCE

TRAFFIC SIGNAL INSTALLATION
GENERAL NOTES

- EXISTING LOOPS SHALL BE DISCONNECTED AT THE CURB LINE PRIOR TO COLD PLANING.
- NEW LOOPS TO BE CUT INTO COLD PLANED SURFACE AND WIRED INTO EXISTING CONDUITS AT THE CURB LINE.
- NO CHANGES TO THE EXISTING SIGNAL TIMING/ PHASING ARE TO BE MADE AT THIS INTERSECTION.
- AFTER THE NEW LOOP IS 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 VAOT STANDARD E-172.
- AFTER ACCEPTANCE OF THE LOOP INSTALLATION BY THE RESIDENT ENGINEER, RETURN THE SIGNAL TO NORMAL OPERATION. ALL WORK REQUIRED SHALL BE INCIDENTAL TO ITEM 678.22, VEHICLE LOOP DETECTOR.



SUMMARY OF QUANTITIES			
ITEM NO.	ITEM	UNIT	QUANTITY
678.22	VEHICLE LOOP DETECTORS	M	345

THE LOCATION AND DEPTH OF THE ELECTRICAL CONDUITS ARE UNKNOWN. THE CONTRACTOR MUST TAKE CARE NOT TO DAMAGE THE ELECTRICAL CONDUITS IN THE PROCESS OF COLD PLANING OR CONSTRUCTING SIDEWALK OR PEDESTRIAN RAMPS. ANY DAMAGE INCURRED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.

VEHICLE LOOP DETECTOR DETAIL

PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: NH 2603(I)S
 FILE NAME: /pave/06b032/p06b032.dgn PLOT DATE: 06-OCT-2008 13:1
 PROJECT LEADER: PTS DRAWN BY: MRS
 DESIGNED BY: NLL CHECKED BY: NLL
 IPARM FILE NAME: p06b032vid.1 SHEET 102 OF 103

NOT TO SCALE

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

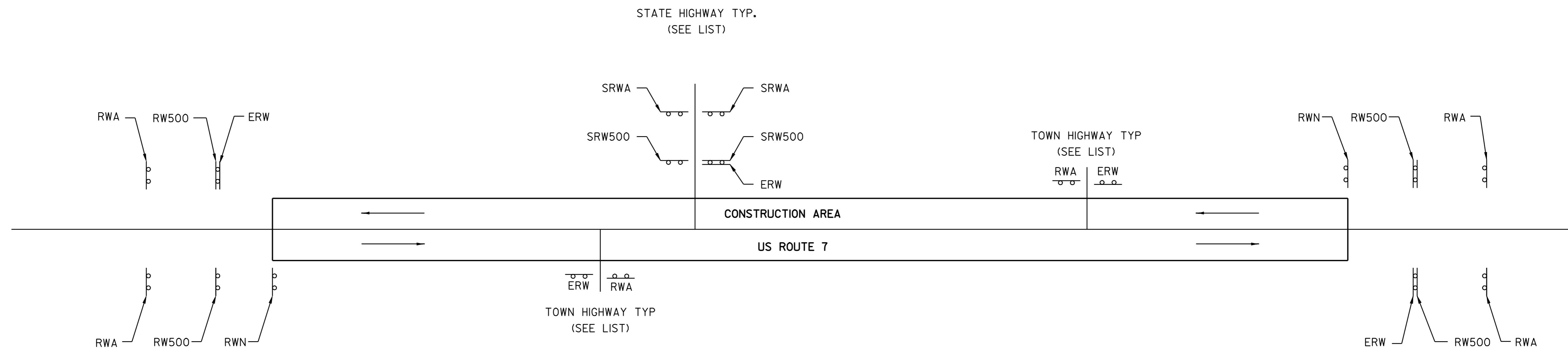
SEE STD E-100 AND E-100A FOR SIGN PLACEMENT

NOTE:

1. WHEN DIRECTED BY THE RESIDENT ENGINEER, "NO OUTLET" SIDE ROADS WILL NOT REQUIRE CONSTRUCTION SIGNING.
2. PAYMENT FOR CONSTRUCTION APPROACH SIGNING WILL BE MADE UNDER ITEM 641.10, TRAFFIC CONTROL.

LEGEND

RWA = ROAD WORK AHEAD
 RW500 = ROAD WORK 500 FT
 RWN = ROAD WORK NEXT 2 MILES
 ERW = END ROAD WORK
 SRWA = SIDE ROAD WORK AHEAD
 SRW500 = SIDE ROAD WORK 500 FT



LIST OF TOWN/STATE HIGHWAYS FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	ROAD WORK NEXT 2 MILES	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500 FT	OTHER
MIDDLEBURY US 7							
TH 6	1	1					
SA 8	1	1					
TH 47	1	1					
VT 30		1			2	2	
SA 7	1	1					
TH 71		1					
TH 75	1	1					
TH 72	1	1					
TH 74	1						
BEGINNING OF PROJECT	2	1	2	1			
END OF PROJECT	2	1	2	1			
TOTALS	11	10	4	2	2	2	

CONSTRUCTION APPROACH SIGNING

PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: NH 2603(I)S
 FILE NAME: /pave/06b032/p06b032.dgn PLOT DATE: 06-OCT-2008 13:1
 PROJECT LEADER: PTS DRAWN BY: MRS
 DESIGNED BY: NLL CHECKED BY: NLL
 IPARM FILE NAME: p06b032cas.i SHEET 103 OF 103