

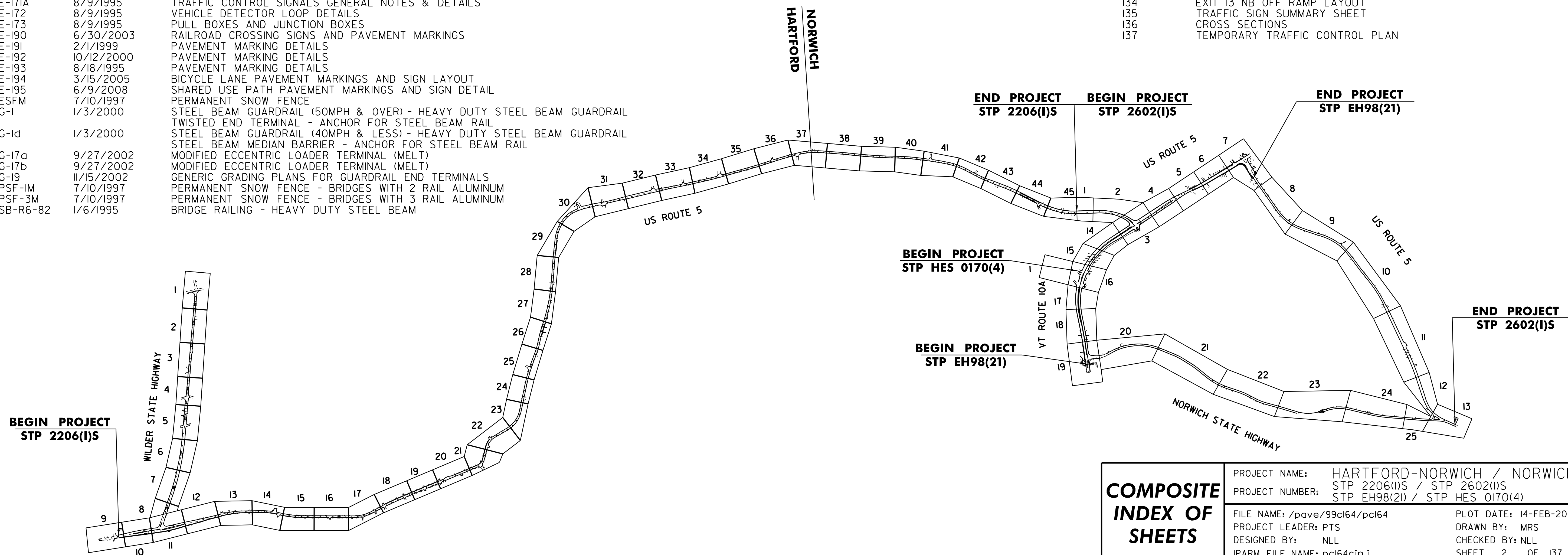


# INDEX OF STANDARD PLANS

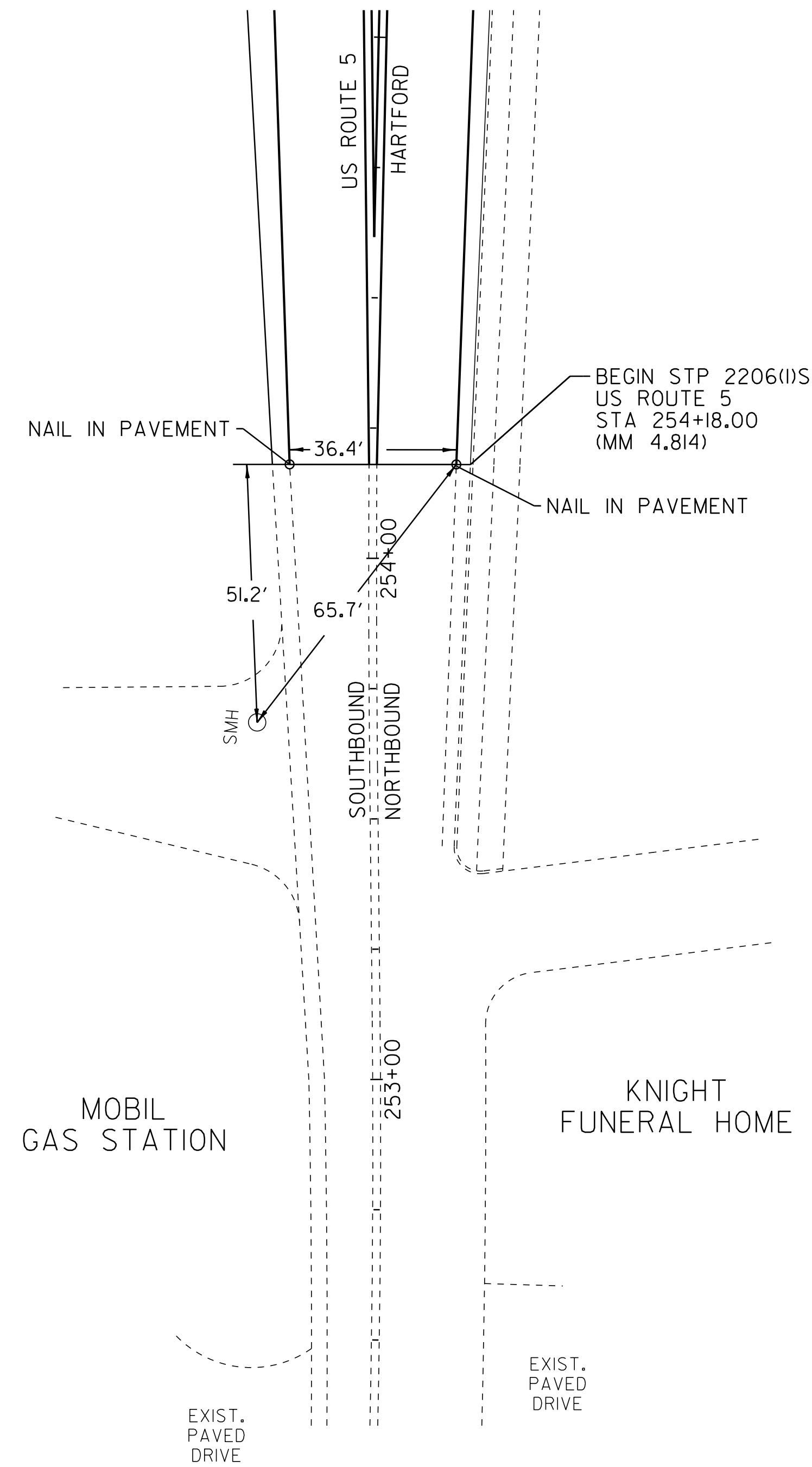
STD	DATE	DESCRIPTION
C-2A	10/14/2005	PORTLAND CEMENT CONCRETE SIDEWALK, DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB
C-2B	10/14/2005	PORTLAND CEMENT CONCRETE SIDEWALK, DRIVE ENTRANCES WITH SIDEWALK AND GREEN STRIP
C-3A	3/10/2008	SIDEWALK RAMPS
C-3B	3/10/2008	SIDEWALK RAMPS AND MEDIAN ISLANDS
C-10	2/11/2008	CURBING
D-3	6/1/1994	TREATED GUTTERS
D-10	6/1/1994	REINFORCED CONCRETE DROP INLET TOPS - BITUMINOUS CONCRETE CURB & GRANITE SLOPE EDGING
D-15	6/1/1994	PRECAST REINF. CONC. CATCH BASIN W/CAST IRON GRATE, PRECAST REINF. CONC. MANHOLE W/ CAST IRON COVER, CAST IRON GRATE WITH FRAME, TYPE D - CAST IRON GRATE WITH FRAME, TYPE E
D-20	3/3/2003	HIGHWAY CROSSING FOR UNDERGROUND UTILITIES
E-100	1/2/2004	CONSTRUCTION APPROACH SIGNS
E-100A	1/2/2004	SIDE ROAD CONSTRUCTION APPROACH SIGNS
E-101	5/30/2003	CONSTRUCTION SIGN DETAILS
E-102	6/30/2003	CONSTRUCTION SIGN DETAILS
E-102A	5/1/2004	CONSTRUCTION SIGN DETAILS
E-103	3/1/2004	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY - ONE LANE CLOSED
E-106	3/1/2004	TRAFFIC CONTROL - MISCELLANEOUS DETAILS
E-108A	12/8/2008	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS FOR PAVING
E-110	8/8/1995	MAJOR MAINTENANCE OPERATION LANE CLOSURE
E-111	3/11/1997	MINOR MAINTENANCE OPERATION
E-121	8/8/1995	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD
E-123	3/16/2004	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS
E-138	5/30/2003	MILEMARKER DETAILS - STATE & TOWN HIGHWAYS
E-141	9/20/1995	REGULATORY SIGN DETAILS
E-142	9/20/1995	REGULATORY SIGN DETAILS
E-143	6/15/2004	REGULATORY SIGN DETAILS
E-143B	3/15/2005	REGULATORY SIGN DETAILS
E-144	3/29/1999	REGULATORY SIGN DETAILS
E-145A	12/23/1994	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS
E-145B	12/23/1994	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS
E-146	9/20/1995	REGULATORY SIGN DETAILS
E-150	5/1/2004	WARNING SIGN DETAILS
E-152	5/1/2004	WARNING SIGN DETAILS
E-153	5/1/2004	WARNING SIGN DETAILS
E-153B	5/30/2003	WARNING SIGN DETAILS
E-164	5/20/1999	SQUARE STEEL SIGN POST
E-170	11/4/1999	TRAFFIC CONTROL SIGNALS PEDESTAL POST MOUNTED
E-171A	8/9/1995	TRAFFIC CONTROL SIGNALS GENERAL NOTES & DETAILS
E-172	8/9/1995	VEHICLE DETECTOR LOOP DETAILS
E-173	8/9/1995	PULL BOXES AND JUNCTION BOXES
E-190	6/30/2003	RAILROAD CROSSING SIGNS AND PAVEMENT MARKINGS
E-191	2/1/1999	PAVEMENT MARKING DETAILS
E-192	10/12/2000	PAVEMENT MARKING DETAILS
E-193	8/18/1995	PAVEMENT MARKING DETAILS
E-194	3/15/2005	BICYCLE LANE PAVEMENT MARKINGS AND SIGN LAYOUT
E-195	6/9/2008	SHARED USE PATH PAVEMENT MARKINGS AND SIGN DETAIL
ESFM	7/10/1997	PERMANENT SNOW FENCE
G-1	1/3/2000	STEEL BEAM GUARDRAIL (50MPH & OVER) - HEAVY DUTY STEEL BEAM GUARDRAIL TWISTED END TERMINAL - ANCHOR FOR STEEL BEAM RAIL STEEL BEAM GUARDRAIL (40MPH & LESS) - HEAVY DUTY STEEL BEAM GUARDRAIL STEEL BEAM MEDIAN BARRIER - ANCHOR FOR STEEL BEAM RAIL
G-1d	1/3/2000	MODIFIED ECCENTRIC LOADER TERMINAL (MELT)
G-17a	9/27/2002	MODIFIED ECCENTRIC LOADER TERMINAL (MELT)
G-17b	9/27/2002	MODIFIED ECCENTRIC LOADER TERMINAL (MELT)
G-19	11/15/2002	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS
PSF-1M	7/10/1997	PERMANENT SNOW FENCE - BRIDGES WITH 2 RAIL ALUMINUM
PSF-3M	7/10/1997	PERMANENT SNOW FENCE - BRIDGES WITH 3 RAIL ALUMINUM
SB-R6-82	1/6/1995	BRIDGE RAILING - HEAVY DUTY STEEL BEAM

# INDEX OF SHEETS

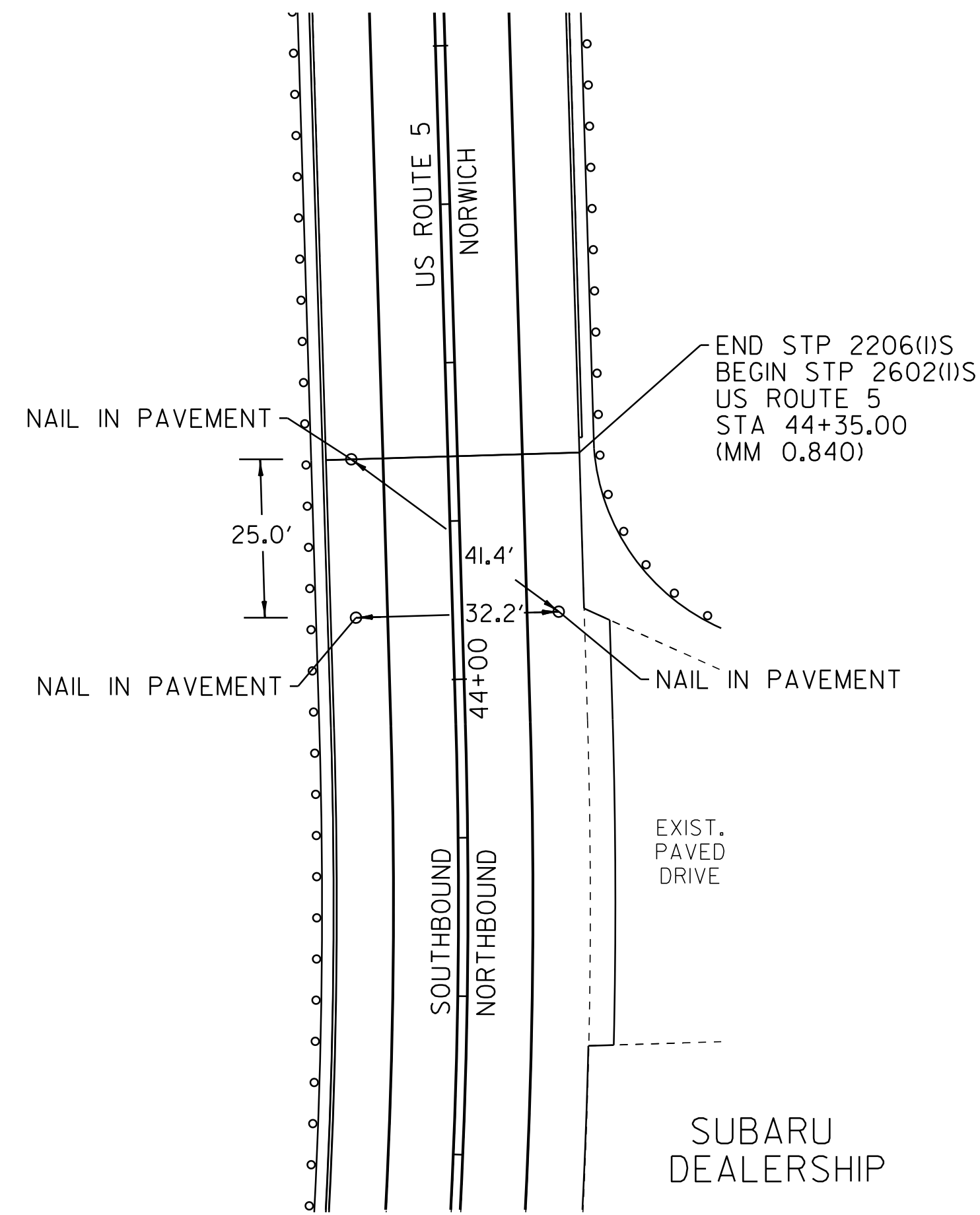
SHT	DESCRIPTION
1	COMPOSITE TITLE SHEET
2	COMPOSITE INDEX OF SHEETS
3	COMPOSITE PROJECT TIE SHEET
4-6	COMPOSITE QUANTITY SHEETS
7-8	COMPOSITE HANDWORK DETAIL SHEETS
9	COMPOSITE TYPICAL PAVEMENT MARKINGS
10	COMPOSITE SIDEWALK PAY LIMITS
11	COMPOSITE TEMPORARY TRAFFIC CONTROL PLAN
12	HARTFORD - NORWICH STP 2206(I)S
13-15	TITLE SHEET
16	PROJECT TYPICALS
17-18	SIDEWALK RAMP DETAILS
19-21	BRIDGE DETAIL SHEETS
22-23	QUANTITY SHEETS
24	ITEM DETAIL SUMMARY SHEETS
25-69	DITCH CLEANING SHEET
70-77	PAVING LAYOUTS
	TRAFFIC SIGN SUMMARY SHEETS
	NORWICH STP 2602(I)S & STP EH98(2)I
78	TITLE SHEET
79-83	PROJECT TYPICAL SHEETS
84-86	QUANTITY SHEETS
87-88	ITEM DETAIL SUMMARY SHEETS
89	DITCH CLEANING SHEET
90-114	PAVING LAYOUTS
115	SIDEWALK & CURBING LAYOUT
116	RAILROAD GRADE CROSSING PLAN
117-118	CONCRETE GRADE CROSSING DETAILS
119-121	VEHICLE LOOP DETECTORS SHEETS
122	VIDEO DETECTION SYSTEM
123-129	TRAFFIC SIGN SUMMARY SHEETS
	NORWICH STP HES 0170(4)
130-131	TYPICAL SHEETS
132-133	QUANTITY SHEETS
134	EXIT 13 NB OFF RAMP LAYOUT
135	TRAFFIC SIGN SUMMARY SHEET
136	CROSS SECTIONS
137	TEMPORARY TRAFFIC CONTROL PLAN



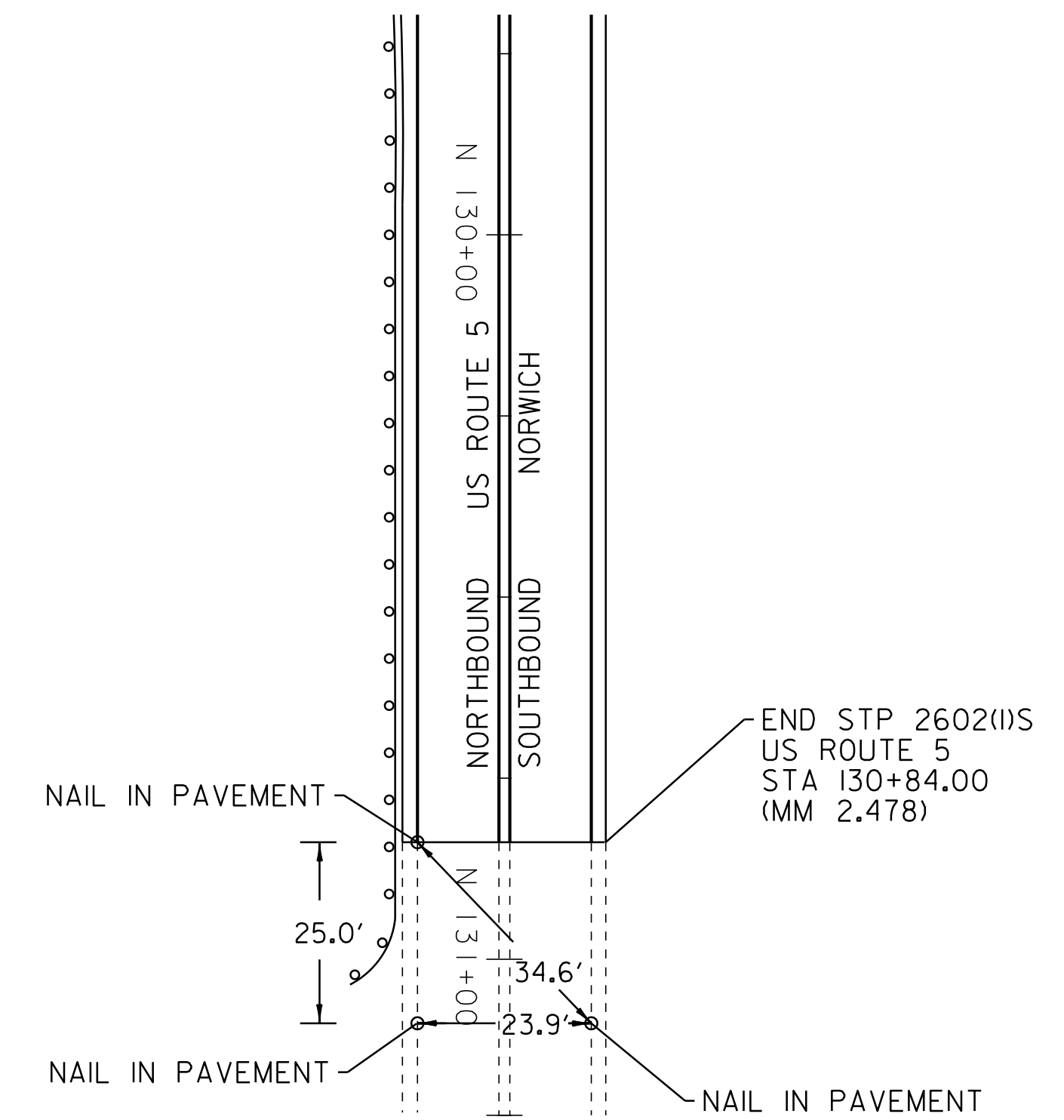
<b>COMPOSITE INDEX OF SHEETS</b>	PROJECT NAME: HARTFORD-NORWICH / NORWICH	PLOT DATE: 14-FEB-2012 15:48
	PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	IPARM FILE NAME: pci64cin.i	SHEET 2 OF 137



**BEGIN STP 2206(1)S  
LOCATION TIES  
US ROUTE 5**



**END STP 2206(1)S  
BEGIN STP 2602(1)S  
LOCATION TIES  
US ROUTE 5**



**END STP 2602(1)S  
LOCATION TIES  
US ROUTE 5**

NOT TO SCALE

**COMPOSITE  
PROJECT  
TIE  
SHEET**

PROJECT NAME: HARTFORD-NORWICH / NORWICH	PLOT DATE: 14-FEB-2012 15:48
PROJECT NUMBER: STP 2206(1)S / STP 2602(1)S	DRAWN BY: MRS
FILE NAME: /pave/99cl64/pcl64	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 3 OF 137
DESIGNED BY: NLL	
IPARM FILE NAME: pcl64cptso1.i	

# COMPOSITE QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				
STP 2206(1)S				STP 2602(1)S				STP EH98(2)I	STP HES 0170(4)		GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
ROADWAY	ROADWAY (NO FED/STATE PART)	BRIDGE NO.75	FULL C.E.	ROADWAY	ROADWAY (NO FED/STATE PART)	TRAINING	BRIDGE NO. 2	FULL C.E.	ROADWAY	FULL C.E.						
3											3		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-
225				250					590	450	1515		CY	COMMON EXCAVATION	203.15	42.7
				3						30	33		CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	2.8
860				760							1620		CY	EARTH BORROW	203.30	8
1570											1570		LF	SHOULDER BERM REMOVAL	203.40	23
1				1							2		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
				1							1		CY	STRUCTURE EXCAVATION	204.25	0.31
53650				57300						950	111900		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	124
				950							950		LF	MILLED RUMBLE STRIPS	213.10	10
365				265					745	70	1445		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	14.6
										30	30		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	1
1330				1135							2465		TON	AGGREGATE SHOULDERS, RAP	402.13	13.4
365				325						3	693		CWT	EMULSIFIED ASPHALT	404.65	5
1				1					1	1	4		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
														BEGIN OPTION AA		
12000				9400					110	145	21655		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0% RAP CONTENT)	490.30	1004
12000				9400					110	145	21655		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0% < RAP CONTENT < 15.0%)	490.30	1004
12000				9400					110	145	21655		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	1004
12000				9400					110	145	21655		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	1004
														END OPTION AA		
1				1							2		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
1				1							2		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-
1				1							2		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-
1				1							2		LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-
				150							150		LB	REINFORCING STEEL	507.15	-
							130				130		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	2
		88									88		LF	REMOVAL OF EXISTING RAILING	525.10	-
		88									88		LF	BRIDGE RAILING, GALVANIZED HD STEEL BEAM/FASCIA MOUNTED	525.41	-
				2							2		CY	CONCRETE, CLASS B	541.25	0.56

DETAILED SUMMARY OF QUANTITIES		
QUANTITY	UNIT	ITEMS
		FOR INDIVIDUAL PROJECT BREAKDOWNS SEE SHEETS 19, 84 & 132.

PROJECT NAME: HARTFORD - NORWICH  
 PROJECT NUMBER: STP 2206(1)S/STP 2602(1)S  
 STP EH98(2)I/STP HES 0170(4)

FILE NAME: /pave/99c164/pci64 PLOT DATE: 14-FEB-2012 15:48  
 PROJECT LEADER: PTS DRAWN BY: MRS  
 DESIGNED BY: NULL CHECKED BY: PTS  
 IPARM FILE NAME: pci64cqs01.i SHEET 4 OF 137

# COMPOSITE QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
STP 2206(1)S				STP 2602(1)S				STP EH98(2)I	STP HES 0170(4)		GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS	
ROADWAY	ROADWAY (NO FED/STATE PART)	BRIDGE NO. 75	FULL C.E.	ROADWAY	ROADWAY (NO FED/STATE PART)	TRAINING	BRIDGE NO. 2	FULL C.E.	ROADWAY	FULL C.E.										
							100				100		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	-				
15				8							23		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	EST				
6				13					I		20		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST				
7				13							20		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST				
8				13							21		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST				
	19										19		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	EST				
				I							I		EACH	CAST IRON GRATE WITH FRAME, TYPE D	604.47	EST				
										10	10		HR	BULLDOZER RENTAL, TYPE I	608.10	EST				
190				80							270		HR	POWER GRADER RENTAL	608.15	EST				
85				60						35	180		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST				
8											8		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE II	608.26	EST				
55				25						I	81		HR	POWER BROOM RENTAL, TYPE I	608.30	EST				
90				45							135		HR	POWER BROOM RENTAL, TYPE II	608.31	EST				
95				75						35	205		HR	TRUCK RENTAL	608.37	EST				
70				60							130		HR	LOADER RENTAL, TYPE I	608.40	EST				
10											10		CY	STONE FILL, TYPE I	613.10	EST				
65											65		CY	STONE FILL, TYPE II	613.11	EST				
									45		45		LF	GRANITE SLOPE EDGING	616.20	5				
275											685		LF	VERTICAL GRANITE CURB	616.21	8.7				
1010				2280							3290		LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	14				
35				115						495	400		LF	REMOVING AND RESETTING CURB	616.40	18				
10											10		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1				
85				90							670		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	10.6				
35										30	65		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	9.3				
150				150						40	340		SF	DETECTABLE WARNING SURFACE	618.30	12				
20				10							30		EACH	YIELDING MARKER POSTS	619.17	-				
525				750							1275		LF	SNOW BARRIER, GALVANIZED	620.75	15				
3650				6950							10600		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	57.1				
1210				2925							4135		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	38				
120											120		LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	7.25				
9				11							20		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-				
24				18							42		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-				
45											45		EACH	REPLACE GUARDRAIL POST ASSEMBLY	621.76	3				
25											25		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	4				
4975				9500							14475		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	92.5				

PROJECT NAME: HARTFORD - NORWICH  
 PROJECT NUMBER: STP 2206(1)S/STP 2602(1)S  
 STP EH98(2)I/STP HES 0170(4)  
 FILE NAME: /pave/99c164/pci64 PLOT DATE: 14-FEB-2012 15:48  
 PROJECT LEADER: PTS DRAWN BY: MRS  
 DESIGNED BY: NULL CHECKED BY: PTS  
 IPARM FILE NAME: pci64cqs02.i SHEET 5 OF 137

# COMPOSITE QUANTITY SHEET 3

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
STP 2206(1)S				STP 2602(1)S				STP EH98(2)I		STP HES 0170(4)I		GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS		
ROADWAY	ROADWAY (NO FED/STATE PART)	BRIDGE NO. 75	FULL C.E.	ROADWAY	ROADWAY (NO FED/STATE PART)	TRAINING	BRIDGE NO. 2	FULL C.E.	ROADWAY	FULL C.E.												
	2										2		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	-						
		38					12				50		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	EST						
					1						1		EACH	RELOCATE HYDRANT	629.29	-						
	1180				860						90		HR	UNIFORMED TRAFFIC OFFICERS	630.10	2						
	3540				2580						90		HR	FLAGGERS	630.15	2						
					200						200		HR	FLAGGERS, RAILROAD	630.20	-						
				0.46					0.48	0.04	0.02		LS	FIELD OFFICE, ENGINEERS	631.10	-						
				0.10					0.10	0.80			LS	TESTING EQUIPMENT, CONCRETE	631.16	-						
				0.46					0.48	0.04	0.02		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-						
				0.46					0.48	0.04	0.02		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-						
							520				520		HR	EMPLOYEE TRAINEESHIP	634.10	-						
	0.46				0.48				0.04	0.02			LS	MOBILIZATION/DEMOBILIZATION	635.11	-						
	1										1		LS	TRAFFIC CONTROL (STP 2206 (1)S)	641.10	-						
					1						1		LS	TRAFFIC CONTROL (STP 2602(1)S)	641.10	-						
											1		LS	TRAFFIC CONTROL (STP HES 0170(4)I)	641.10	-						
	0.5				0.5						1		LS	PUBLIC RELATIONS OFFICER	641.12	-						
	3				3						1		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-						
	46300				30400						76700		LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	289						
	47750				34800						82550		LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	353						
					13930						13930		LF	DURABLE 6 INCH WHITE LINE, THERMOPLASTIC	646.422	144						
											575		LF	DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA	646.426	17						
					140						140		LF	DURABLE 6 INCH YELLOW LINE, THERMOPLASTIC	646.432	4						
											350		LF	DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA	646.436	-						
	700				1040						1740		LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	21						
	575				470						1095		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	11						
	179				249						438		EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-						
	300				350						650		LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	7						
					2						2		EACH	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	646.512	-						
	92550				60400						152950		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	128						
	95420				69100						164520		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	126						
					27600						28175		LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	44						
					300						650		LF	TEMPORARY 6 INCH YELLOW LINE, PAINT	646.632	28						
					1030						1030		LF	TEMPORARY 8 INCH YELLOW LINE, PAINT	646.652	14						
	1150				940						2140		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	22						

PROJECT NAME: HARTFORD - NORWICH  
PROJECT NUMBER: STP 2206(1)S/STP 2602(1)S  
STP EH98(2)I/STP HES 0170(4)I  
FILE NAME: /pave/99c164/pci64 PLOT DATE: 14-FEB-2012 15:48  
PROJECT LEADER: PTS DRAWN BY: MRS  
DESIGNED BY: NULL CHECKED BY: PTS  
IPARM FILE NAME: pci64cqs03.i SHEET 6 OF 137

# COMPOSITE QUANTITY SHEET 4

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
STP 2206(1)S					STP 2602(1)S					STP EH98(2)I	STP HES 0170(4)		GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS	
ROADWAY	ROADWAY (NO FED/STATE PART)	BRIDGE NO. 75	FULL C.E.	ROADWAY	ROADWAY (NO FED/STATE PART)	TRAINING	BRIDGE NO. 2	FULL C.E.	ROADWAY (NO FED/STATE PART)	ROADWAY	FULL C.E.											
302				342						2		646		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-					
600				695								1295		LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	9					
				4								4		EACH	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	-					
1090				1320						30		2440		EACH	LINE STRIPING TARGETS	646.76	26					
620				1280								1900		LF	PAINTED CURB	646.81	17					
120												120		SY	GEOTEXTILE UNDER STONE FILL	649.31	2.8					
										290		290		SY	GEOTEXTILE FOR SILT FENCE	649.51	2					
35				25					10	10		80		LB	SEED	651.15	-					
255				200					55	85		595		LB	FERTILIZER	651.18	-					
1				0.7					0.3	0.3		2.3		TON	AGRICULTURAL LIMESTONE	651.20	-					
1				1						0.3		2.3		TON	HAY MULCH	651.25	-					
25				30					100	50		205		CY	TOPSOIL	651.35	10.7					
2150				3000					300			5450		SY	TEMPORARY EROSION MATTING	653.20	31.9					
									6	2		8		EACH	INLET PROTECTION DEVICE, TYPE I	653.40	-					
									1			1		LS	TREE PROTECTION	656.85	-					
310				381						15		706		SF	TRAFFIC SIGNS, TYPE A	675.20	4.90					
895				955						135		1985		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	20					
104				85						28		217		EACH	REMOVING SIGNS	675.50	-					
44				17						23		84		EACH	ERECTING SALVAGED SIGNS	675.60	-					
10				11								21		EACH	DELINEATOR WITH STEEL POST	676.10	1					
				2								2		EACH	REMOVAL OF EXISTING DELINEATOR	676.12	-					
									180			180		LF	ELECTRICAL CONDUIT (2")X(PVC)X(SCHEDULE 80)	678.21	10					
				1350						200		1550		LF	VEHICLE LOOP DETECTOR	678.22	16					
									3			3		EACH	PULL BOX, STANDARD	678.25	-					
									110			110		LF	ELECTRICAL CONDUIT SLEEVE (6")X(PVC)X(SCHEDULE 80)	678.30	5					
1				1						1		3		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-					
				1								1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM)VT ROUTE 10A @ NORWICH STATE HIGHWAY)	900.620	-					
									2			2		EACH	SPECIAL PROVISION (PEDESTAL MOUNTED PEDESTRIAN SIGNAL HEAD)	900.620	-					
				1								1		LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING, NORWICH STATE) HIGHWAY - AARDOT *053 - 543M)	900.645	-					
1510				1720								3230		SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	48.9					

PROJECT NAME: HARTFORD - NORWICH  
PROJECT NUMBER: STP 2206(1)S/STP 2602(1)S  
STP EH98(2)I/STP HES 0170(4)

FILE NAME: /pave/99c164/pci64  
PROJECT LEADER: PTS  
DESIGNED BY: NULL  
IPARM FILE NAME: pci64cqs04.i

PLOT DATE: 14-FEB-2012 15:48  
DRAWN BY: MRS  
CHECKED BY: PTS  
SHEET 6A OF 137

STP 2206(I)S

STATION	POSITION	QUANTITY (SY)
HARTFORD		
WSH		
<del>H 4+44</del>	LT	<del>-26.1</del>
<del>H 12+92</del>	RT	<del>-30.8</del>
US ROUTE 5		
264+31	RT	-6.0 8.5
265+04	RT	-19.6 21.5
266+24	RT	-28.6 30.8
267+07	RT	-33.7 31.8
<del>267+50</del>	LT	<del>-6.2</del>
267+67	RT	-23.3 22.4
268+15	RT	-23.8 23.0
<del>268+29</del>	LT	<del>-11.6</del>
273+31	LT	-5.3 15.0
273+45	RT	22.2
274+25	LT	4.6
274+75	RT	13.0
275+73	LT	-21.6 23.1
275+49	RT	12.0
282+21	LT	19.0
277+18	RT	8.8
283+19	LT	6.5
284+47	LT	-13.2 3.9
285+18	LT	-14.1 8.2
285+92	LT	-12.8 5.7
286+99	LT	-5.9 17.3
287+89	LT	-6.7 13.7
289+30	LT	-8.6 12.4
290+74	LT	-12.9 17.3
291+61	LT	-7.2 10.0
292+74	LT	-5.7 8.7
293+00	LT	-5.9 10.9
294+74	LT	-8.0 17.3
<del>295+71</del>	LT	<del>-6.7</del>
296+49	LT	-7.9 10.2
296+79	LT	-6.7 9.3
<del>298+26</del>	RT	<del>-27.2</del>
298+69	LT	-4.8 5.6
299+22	LT	-6.3 6.7
299+86	LT	-7.0 7.6
<del>300+20</del>	RT	<del>-20.0</del>
SUBTOTAL 1		454.1

STATION	POSITION	QUANTITY (SY)
302+11	RT	4.1
302+11	LT	-9.3 5.7
<del>303+25</del>	RT	<del>-4.2</del>
303+45	LT	-5.5 6.3
<del>303+92</del>	RT	<del>-7.1</del>
<del>305+51</del>	RT	<del>-5.1</del>
305+55	LT	-8.1 7.0
<del>305+88</del>	RT	<del>-10.7</del>
306+48	LT	-4.0 7.2
<del>306+54</del>	RT	<del>-8.9</del>
<del>306+73</del>	RT	<del>-4.4</del>
308+01	RT	-14.7 26.2
311+86	RT	-11.8 16.8
312+72	RT	-5.0 6.1
313+36	RT	-5.2 5.7
<del>314+16</del>	RT	<del>-4.4</del>
315+12	RT	-13.1 29.8
<del>315+80</del>	RT	<del>-7.6</del>
<del>315+92</del>	LT	<del>-6.6</del>
316+28	RT	-7.4 8.0
<del>321+98</del>	RT	<del>-8.9</del>
326+81	LT	8.9
327+48	LT	-16.0 16.3
327+72	RT	-32.0 21.3
330+31	LT	-6.2 12.6
331+50	LT	-42.1 42.0
333+41	RT	-8.9 13.6
334+96	RT	-15.7 17.8
336+00	RT	-59.7 45.7
338+20	RT	-12.8 10.9
342+08	RT	-9.8 7.0
343+00	LT	-10.2 13.3
343+93	RT	13.1
346+21	LT	15.7
346+77	LT	15.6
346+77	RT	-22.2 44.0
SUBTOTAL 2		429.3

STATION	POSITION	QUANTITY (SY)
350+93	RT	-7.1 13.0
351+38	RT	-4.4 9.0
353+83	RT	-15.8 29.2
<del>361+28</del>	LT	<del>-8.9</del>
<del>364+22</del>	LT	<del>-22.7</del>
367+83	RT	-13.6 40.0
369+10	RT	-5.3 13.3
373+68	RT	-5.6 7.3
373+76	LT	-16.0 17.7
374+95	RT	-18.8 33.8
376+04	LT	-9.8 27.9
376+32	RT	-5.3 9.3
378+10	RT	-9.3 8.9
379+13	LT	-15.6 21.3
379+24	RT	-6.7 10.2
<del>380+15</del>	LT	<del>-12.9</del>
381+46	LT	-21.1 12.0
384+75	RT	-22.2 29.8
387+90	RT	-6.0 26.7
389+55	RT	-7.7 17.3
394+96	LT	-21.2 21.0
<del>398+41</del>	LT	<del>-15.1</del>
SUBTOTAL 3		271.2

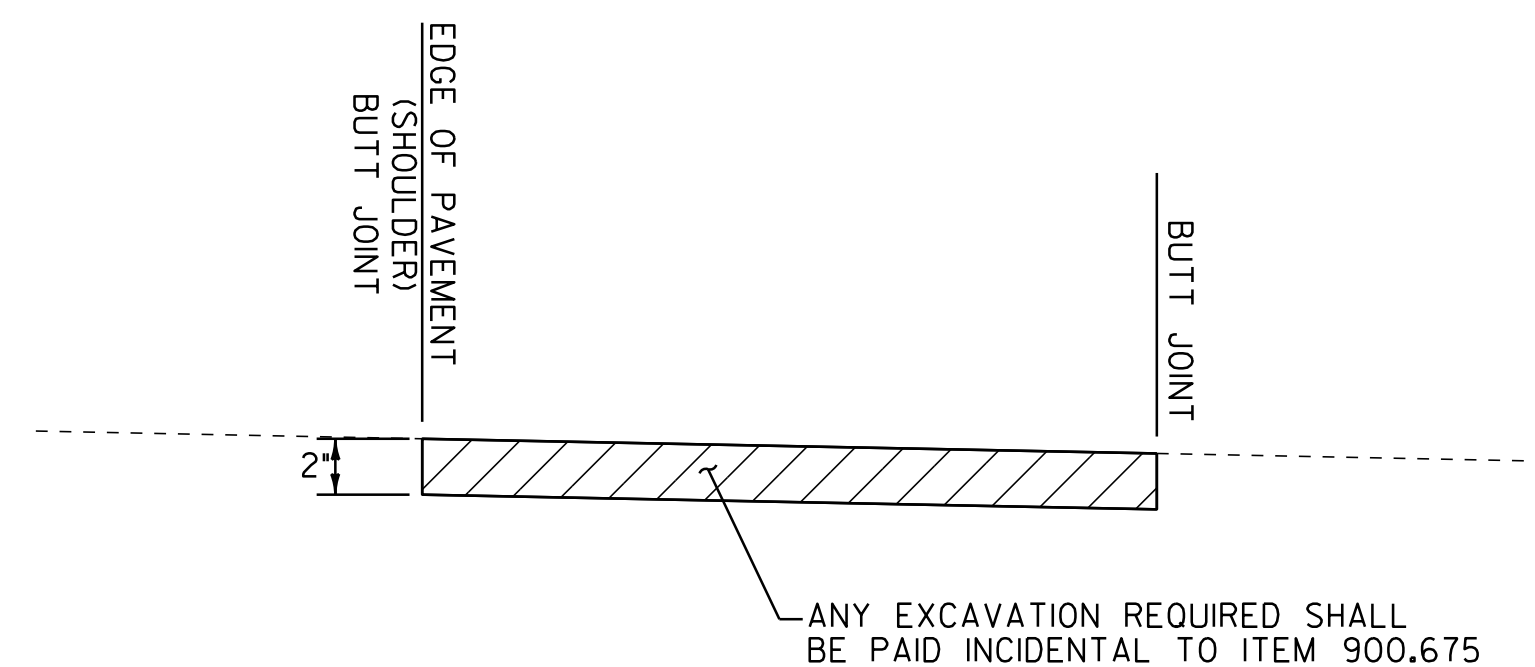
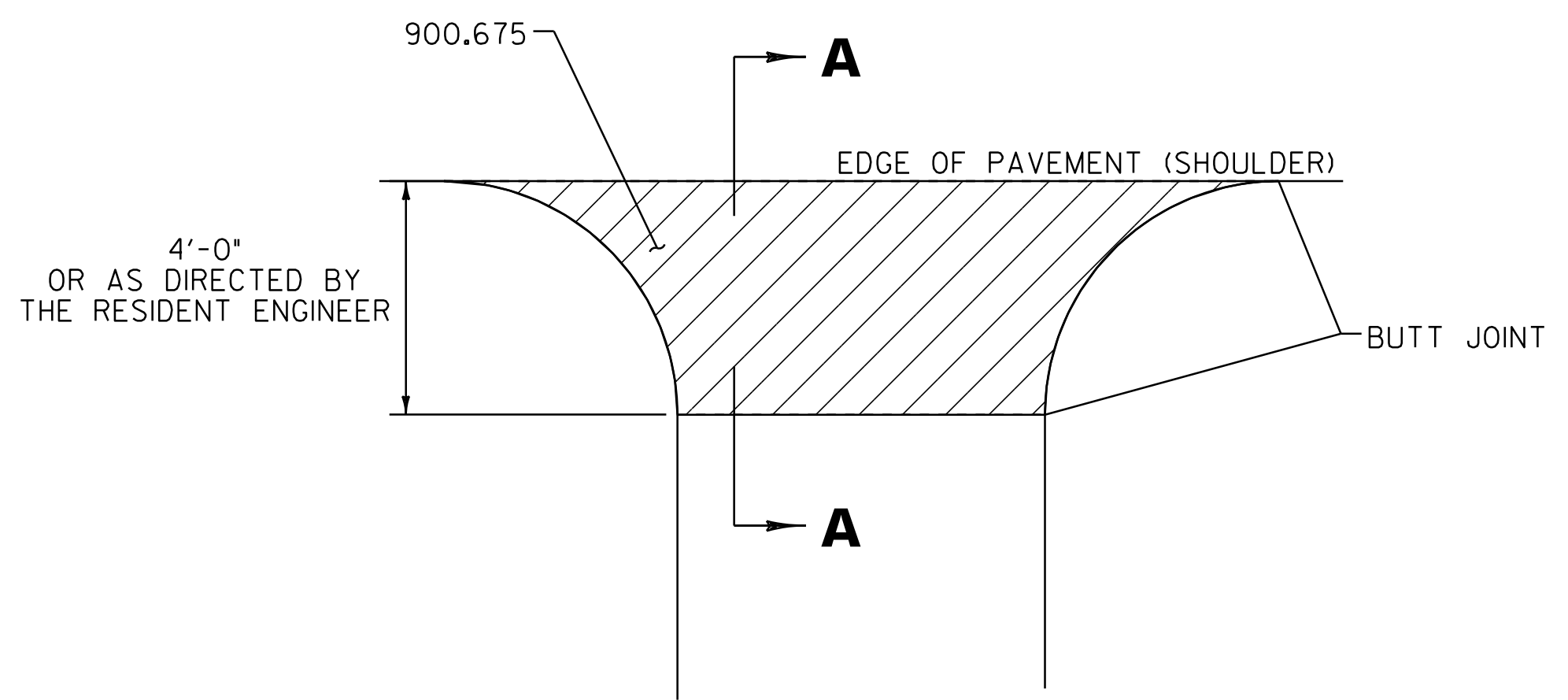
STATION	POSITION	QUANTITY (SY)
NORWICH		
US ROUTE 5		
0+33	LT	-13.6 17.5
1+30	RT	-11.1 32.4
1+21	LT	10.7
1+31	LT	-13.3 9.8
2+42	LT	-5.3 16.0
2+42	RT	-13.3 32.2
3+73	LT	-4.4 19.6
5+33	RT	-14.2 42.8
8+21	RT	-19.1 26.7
10+79	LT	-6.7 26.7
17+77	RT	-10.3 34.2
26+74	LT	-29.3 38.9
27+14	RT	-36.5 46.7
28+95	RT	-13.3 15.0
30+13	RT	11.1 30.7
<del>30+73</del>	RT	<del>-25.2</del>
32+10	LT	-9.8 12.44
35+35	LT	-15.1 18.2
38+80	LT	-14.4 13.3
42+07	RT	22.7 30.0
42+07	LT	22.1 22.7
43+74	RT	-30.3 20.8
SUBTOTAL 1		454.1
SUBTOTAL 2		429.3
SUBTOTAL 3		271.2
SUBTOTAL 4		341.2
ROUNDING		14.2
TOTAL		1510.0

**COMPOSITE  
HANDWORK  
DETAIL  
SHEET 1**

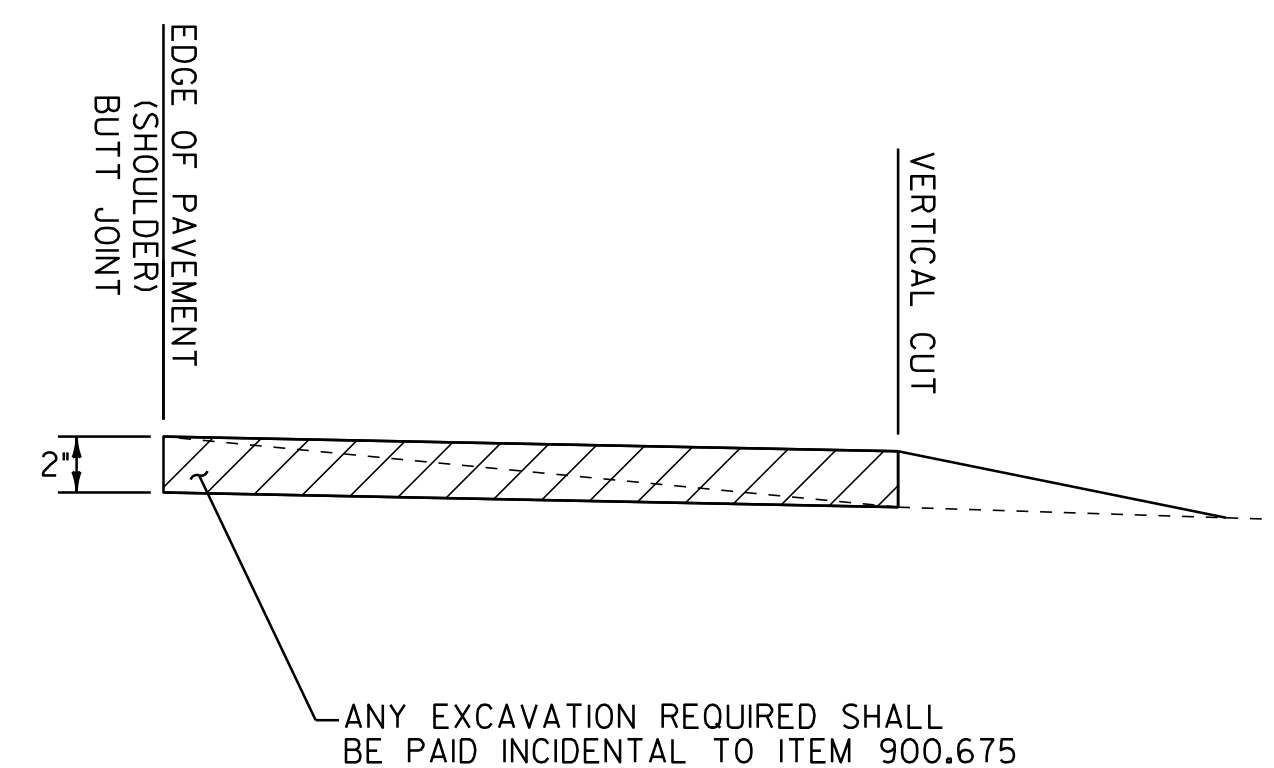
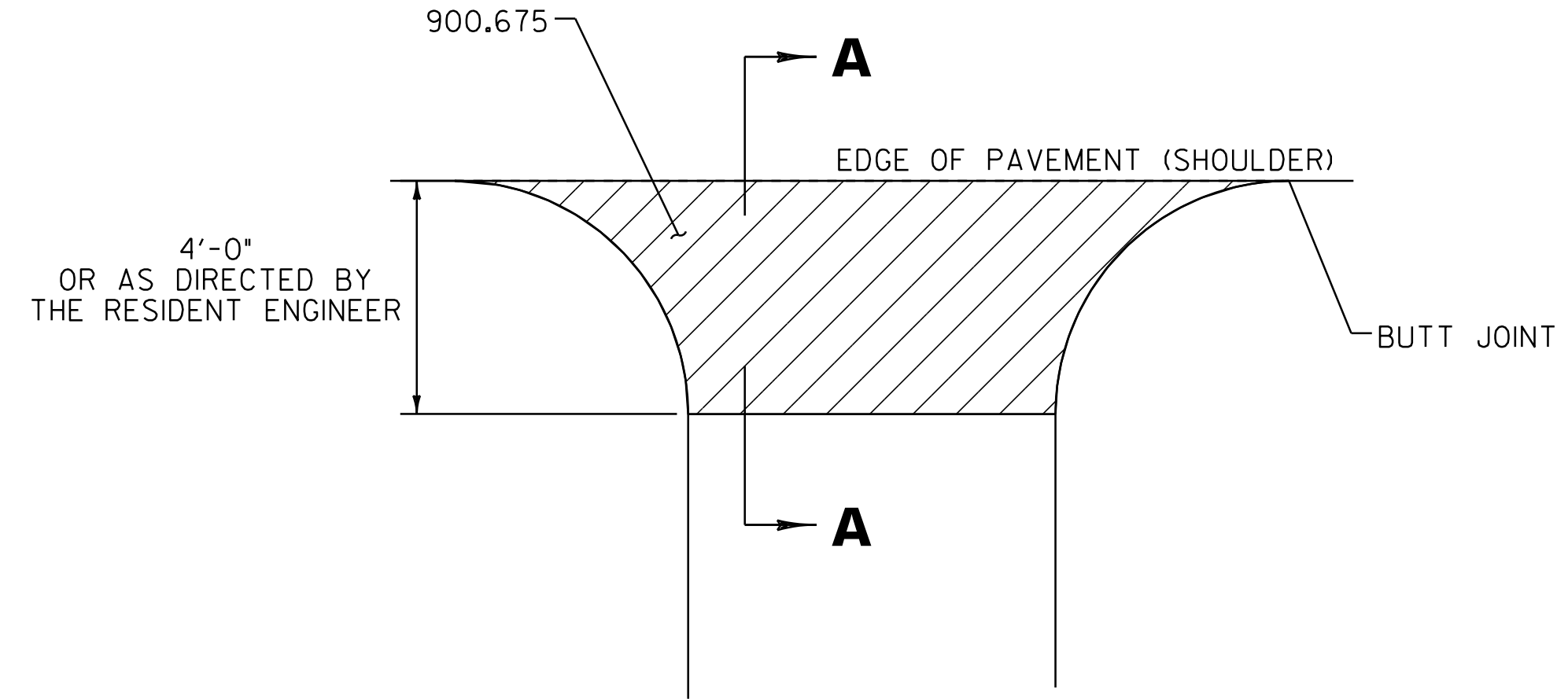
PROJECT NAME: HARTFORD-NORWICH / NORWICH  
 PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S  
 FILE NAME: /pave/99cl64/pcl64  
 PROJECT LEADER: PTS  
 DESIGNED BY: NULL  
 IPARM FILE NAME: pcl64chwd01i  
 PLOT DATE: 14-FEB-2012 15:48  
 DRAWN BY: MRS  
 CHECKED BY: NULL  
 SHEET 7 OF 137

STATION	POSITION	QUANTITY (SY)
NORWICH		
US ROUTE 5		
N 64+50	LT	18.3
N 64+82	RT	14.2
N 67+33	LT	4.8
N 67+55	LT	5.7
N 68+72	LT	6.5
N 69+72	LT	6.6
N 71+24	LT	4.4
N 74+32	LT	16.5
N 77+76	RT	13.7
N 77+95	LT	5.1
N 78+78	RT	23.8
N 79+01	LT	5.1
N 79+99	LT	7.1
N 81+06	LT	6.2
N 81+06	RT	31.1
N 81+32	LT	6.2
N 82+95	LT	5.3
N 83+36	RT	4.4
N 83+62	LT	8.0
N 83+80	RT	4.9
N 84+38	LT	7.0
N 85+02	LT	7.0
N 85+02	RT	36.2
N 86+62	RT	48.4
N 88+51	LT	5.2
N 89+69	RT	53.6
N 90+35	LT	16.0
N 91+59	RT	8.9
N 91+82	LT	35.0
N 92+74	LT	10.8
N 95+97	RT	53.3
N 98+45	LT	9.3
N 98+45	RT	46.7
N 101+27	LT	36.0
SUBTOTAL 1		571.6
SUBTOTAL 2		1113.7
ROUNDING		34.7
TOTAL		1720.0

STATION	POSITION	QUANTITY (SY)
N 101+67	RT	8.9
N 102+22	RT	35.6
N 104+46	LT	11.6
N 105+91	LT	16.1
N 107+67	RT	18.7
N 108+08	LT	11.7
N 109+25	LT	12.4
N 109+94	RT	6.7
N 110+44	LT	12.4
N 118+52	LT	23.4
N 122+37	RT	8.9
N 125+73	RT	53.3
NSH		
302+29	LT	105.3
304+30	LT	59.2
305+93	LT	110.0
323+08	RT	7.1
323+76	LT	48.0
324+16	RT	36.0
325+46	RT	9.3
328+54	RT	20.0
329+01	RT	73.3
329+73	RT	8.9
330+64	RT	32.4
336+26	RT	93.6
340+48	LT	40.2
340+94	LT	15.6
342+81	LT	19.7
344+86	LT	36.3
347+02	LT	68.7
347+84	LT	12.2
348+40	LT	6.7
350+56	LT	11.6
352+52	LT	13.3
355+54	LT	66.7
SUBTOTAL 1		571.6
SUBTOTAL 2		1113.7
ROUNDING		34.7
TOTAL		1720.0



**HANDWORK DETAILS FOR PAVED DRIVES**



**HANDWORK DETAILS FOR GRAVEL DRIVES**

**NOTES:**

1. PAVING LIFT NOT TO EXCEED 2" (50mm)
2. THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.
3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.

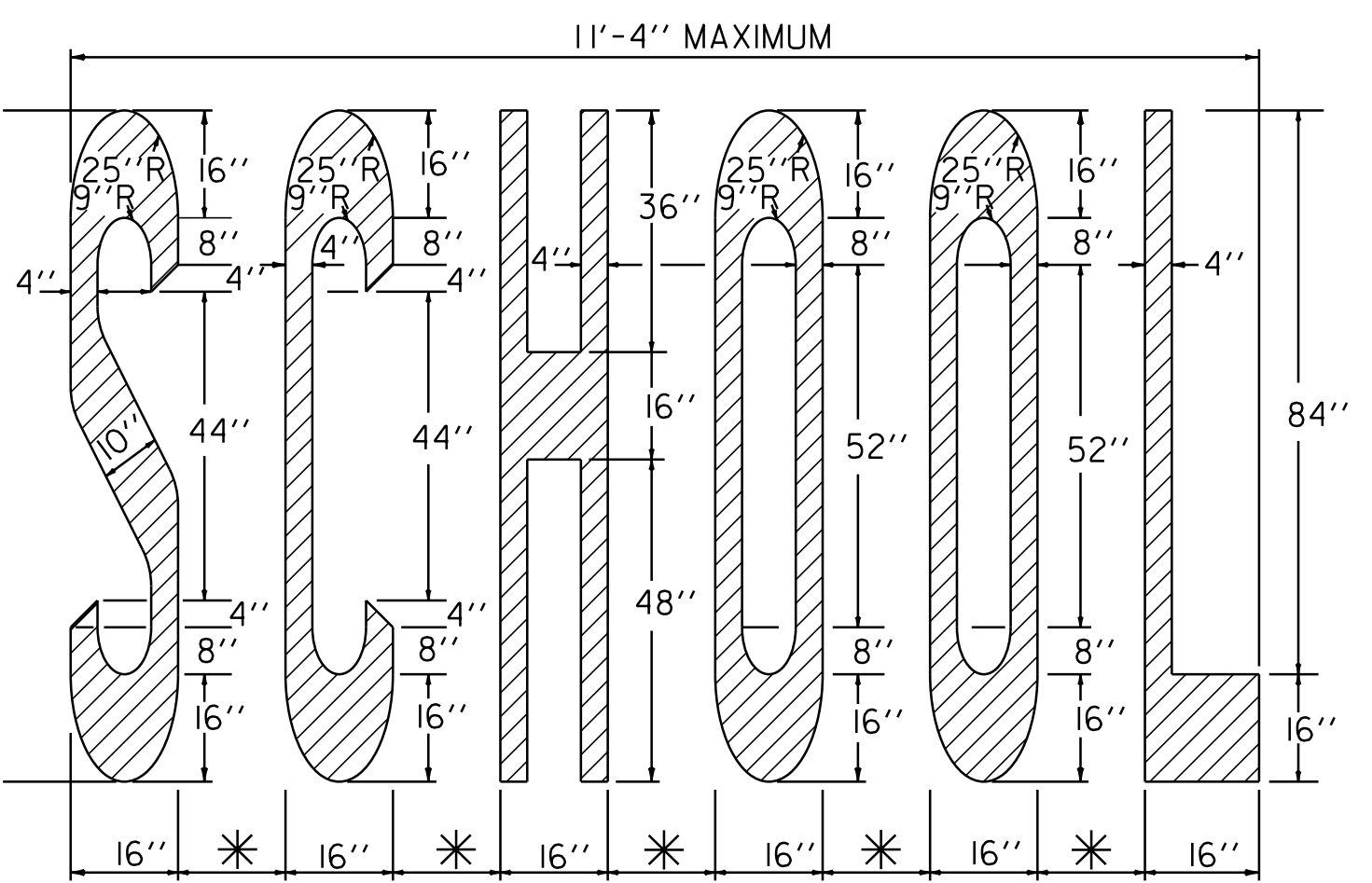
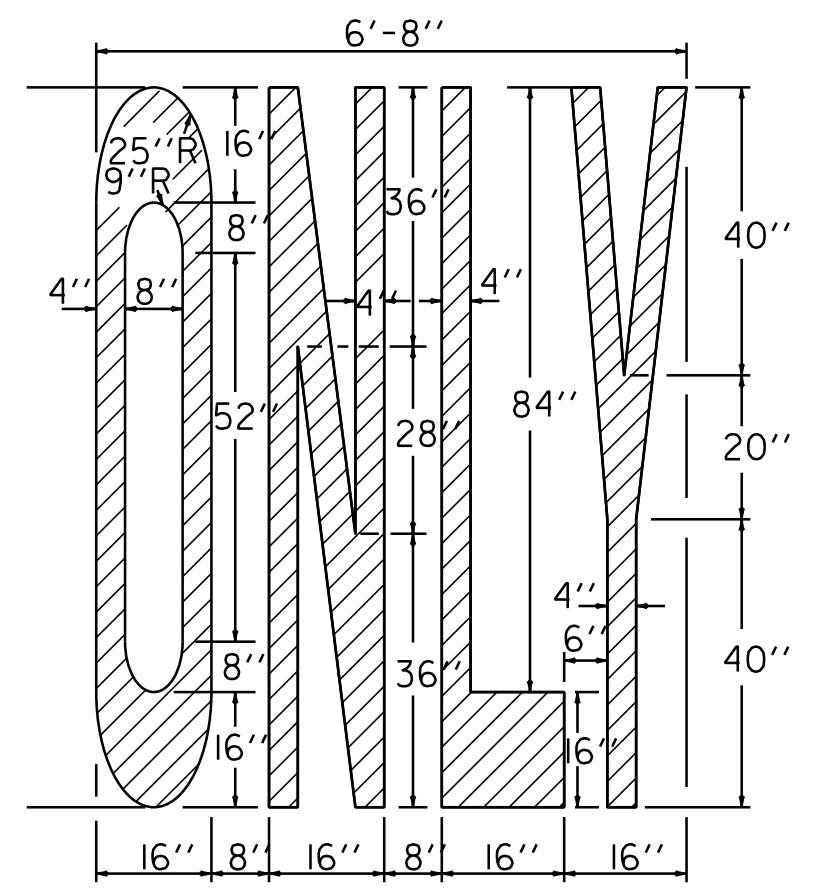
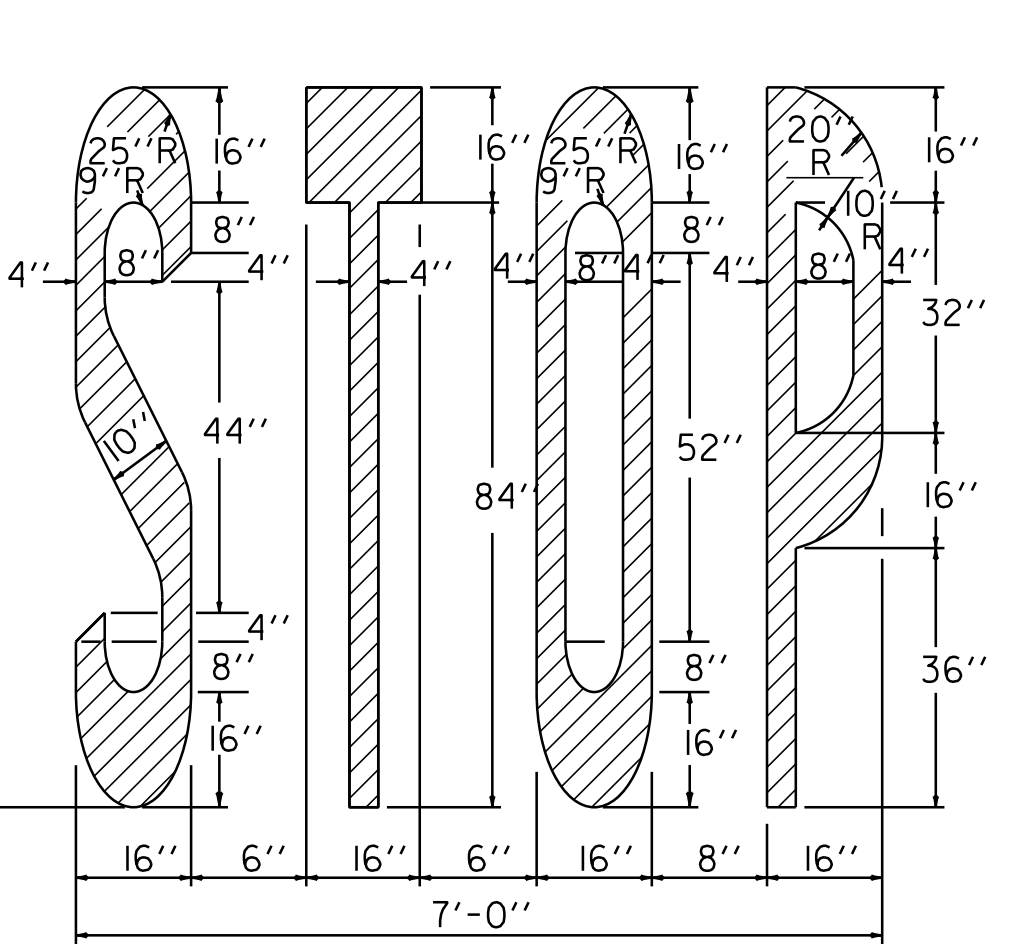
**LEGEND**



**COMPOSITE  
HANDWORK  
DETAIL  
SHEET 2**

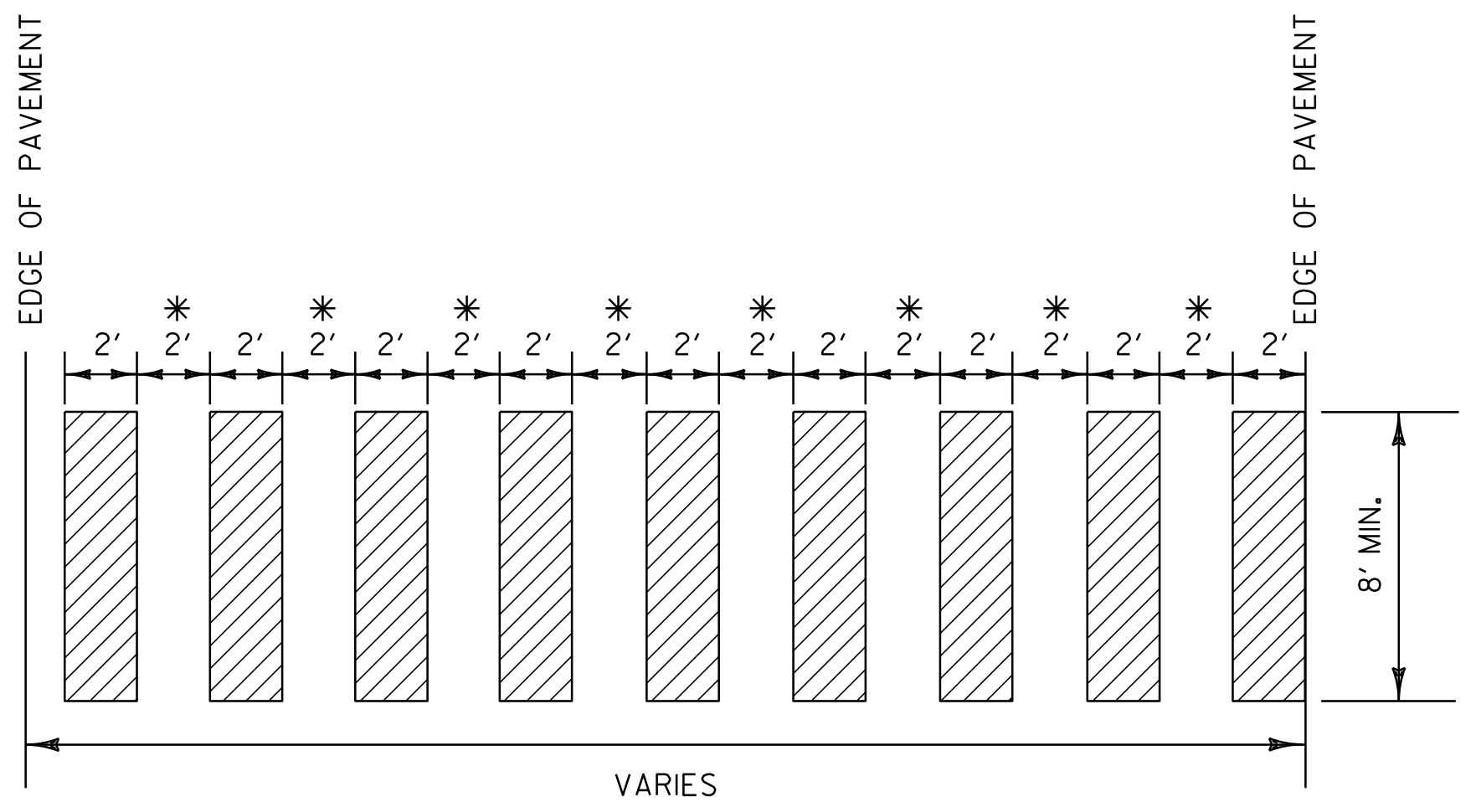
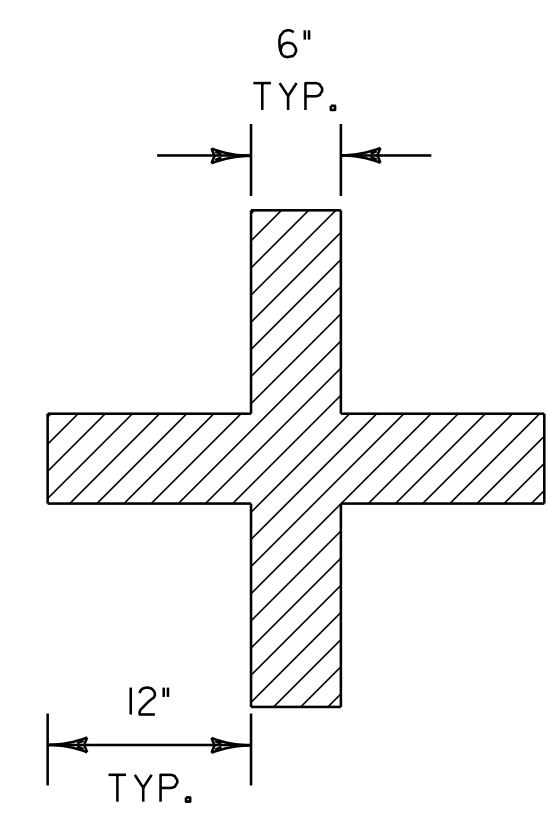
PROJECT NAME: HARTFORD-NORWICH / NORWICH	PLOT DATE: 14-FEB-2012 15:48
PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S	DRAWN BY: MRS
FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 8 OF 137
DESIGNED BY: NLL	
IPARM FILE NAME: pci64chwd02.i	

NOT TO SCALE



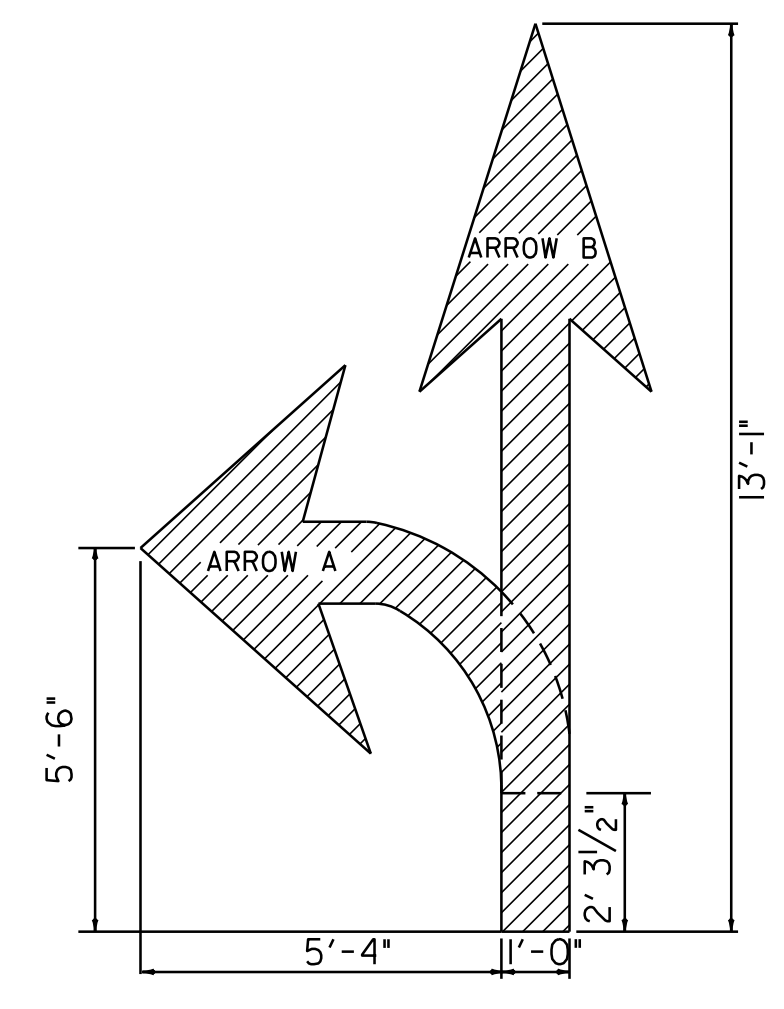
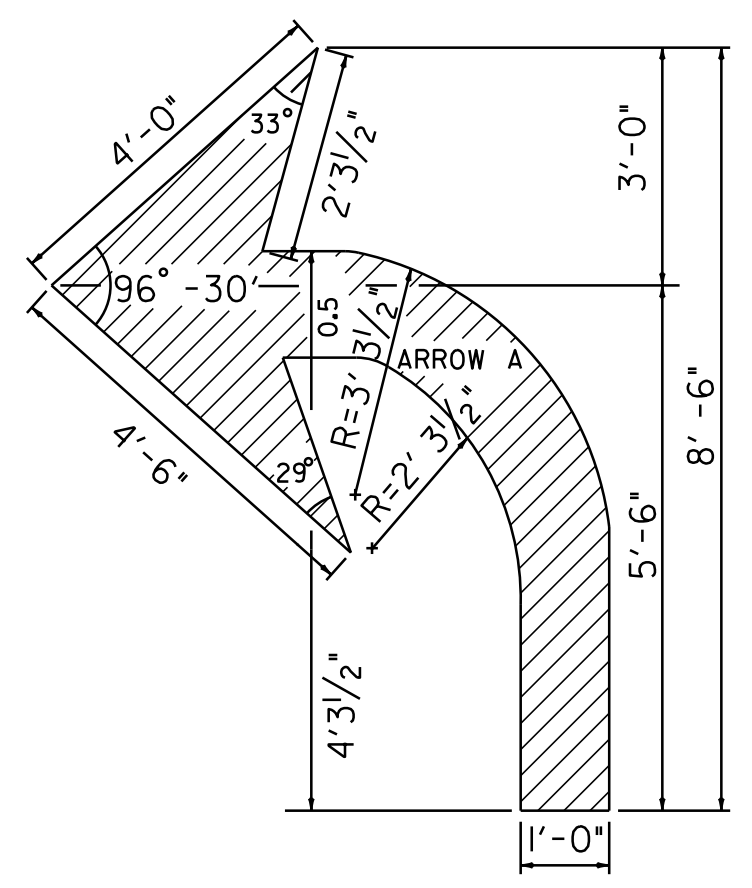
\* (4"-8") - ADJUST TO AVAILABLE PAVEMENT WIDTH

**PARKING SPACE MARKING DETAIL**



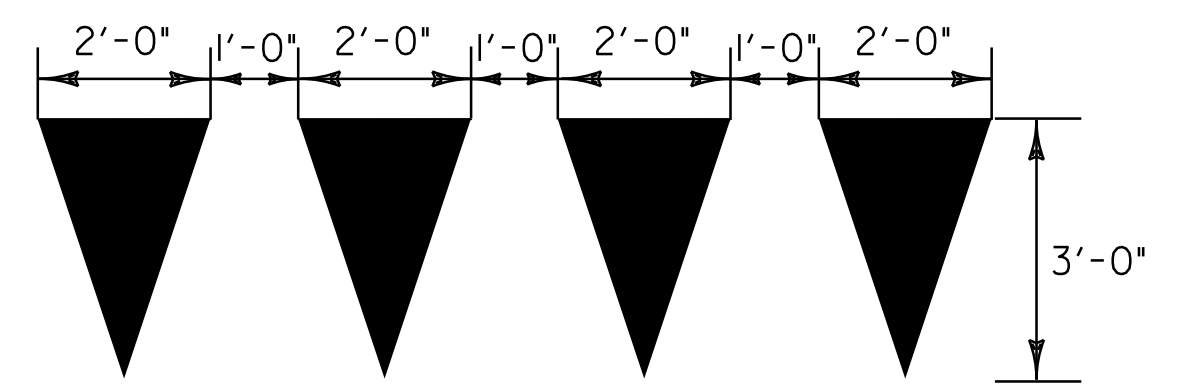
**BLOCK PATTERN CROSSWALK DETAIL**

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



TO BE PAID AS TWO SYMBOLS

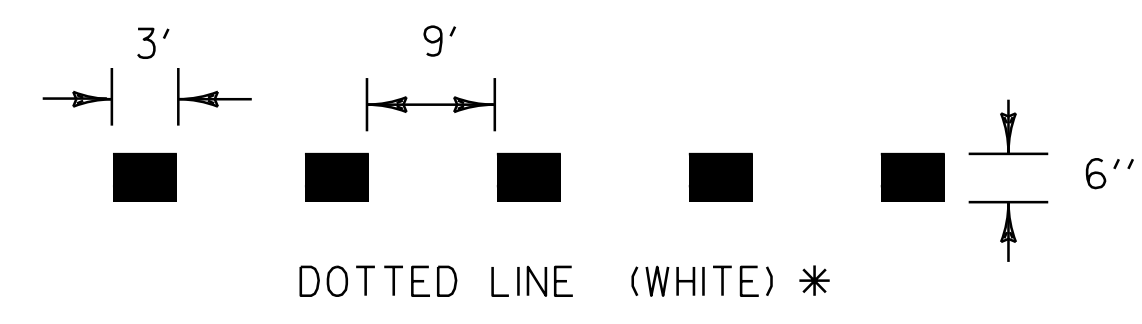
**ARROW DETAILS**



**YIELD LINE DETAILS**

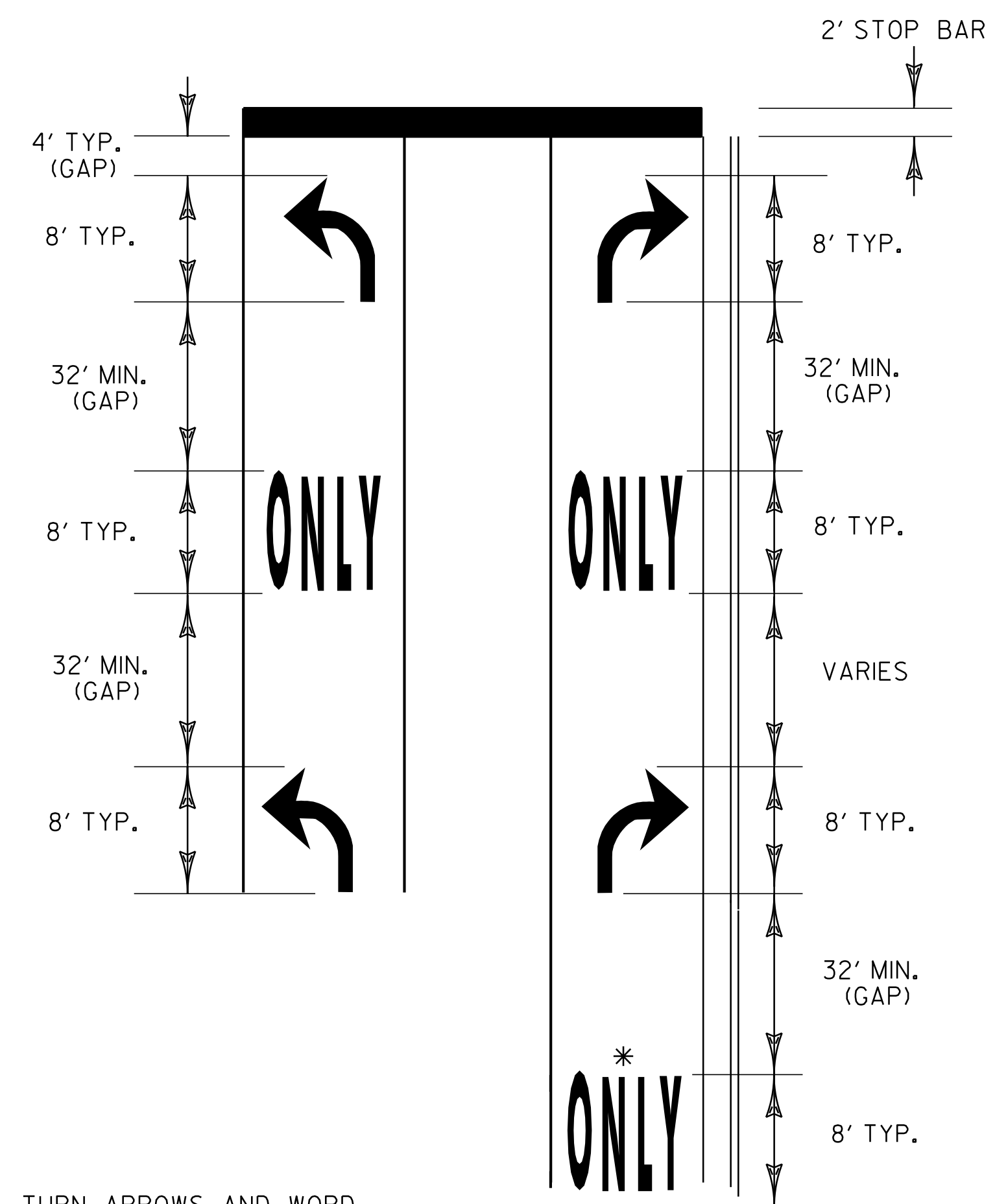
TO BE INSTALLED ONLY AT THE DIRECTION OF THE RESIDENT ENGINEER TO BE PAID AS ONE LETTER OR SYMBOL PER TRIANGLE

\* TO BE INSTALLED ONLY AT THE DIRECTION OF THE RESIDENT ENGINEER



**PAVEMENT MARKING LINE DETAIL**

NOT TO SCALE



TURN ARROWS AND WORD MARKINGS SHALL BE PLACED AT THE BEGIN AND END OF THE LEFT OR RIGHT TURN LANE AND IN THE MIDDLE IF THE LANE LENGTH EXCEEDS 200'.

200' TYP. TURN LANE

IF LANE LENGTH IS LESS THAN 50 FEET, ONLY ONE TURN ARROW PLACED AT THE BEGINNING OF THE SOLID LANE LINE, IS REQUIRED.

STOP BARS ARE INSTALLED ONLY WHERE A STOP SIGN OR TRAFFIC SIGNAL ARE LOCATED.

THE "ONLY" WORD MARKINGS SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS

\* A SECOND "ONLY" IS OPTIONAL WHEN SPACE PERMITS. MARKINGS START AT THE BEGINNING OF THE SOLID LANE LINE.

THE LONGITUDINAL SPACE BETWEEN WORD OR SYMBOL MESSAGE MARKINGS, SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS FOR LOW SPEED ROADS, BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS UNDER ANY CONDITIONS.

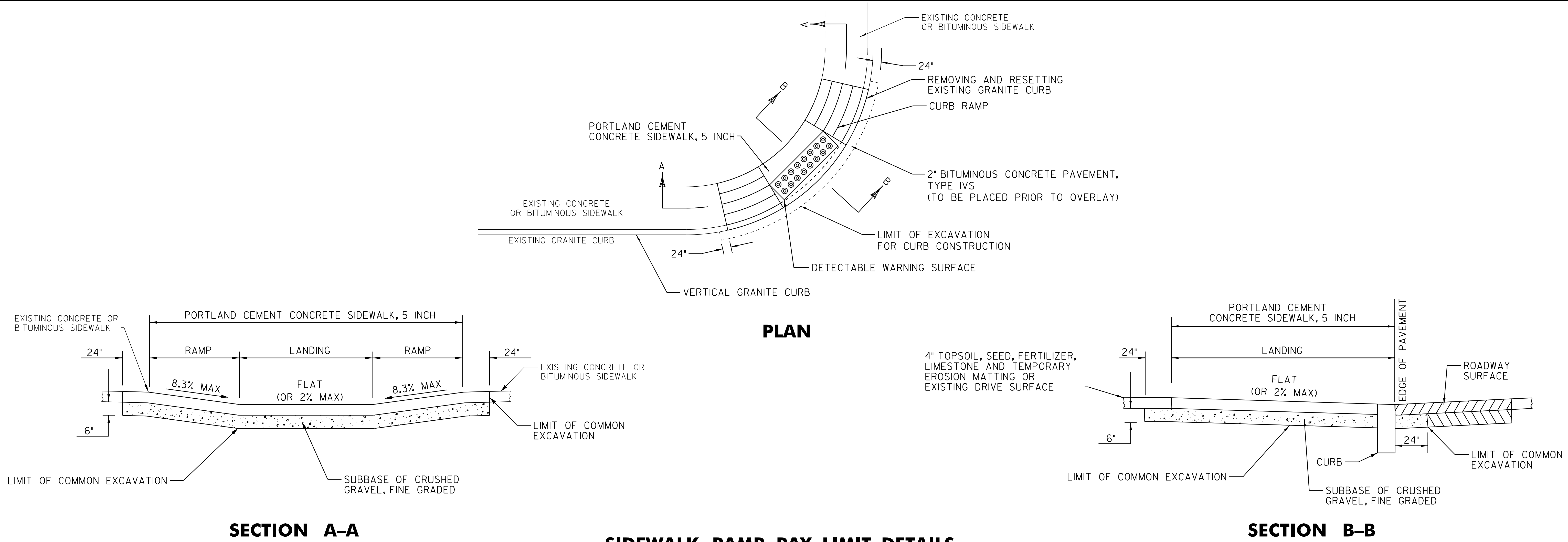
EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.

**TYPICAL MARKINGS FOR TURN LANES**

**COMPOSITE TYPICAL PAVEMENT MARKINGS**

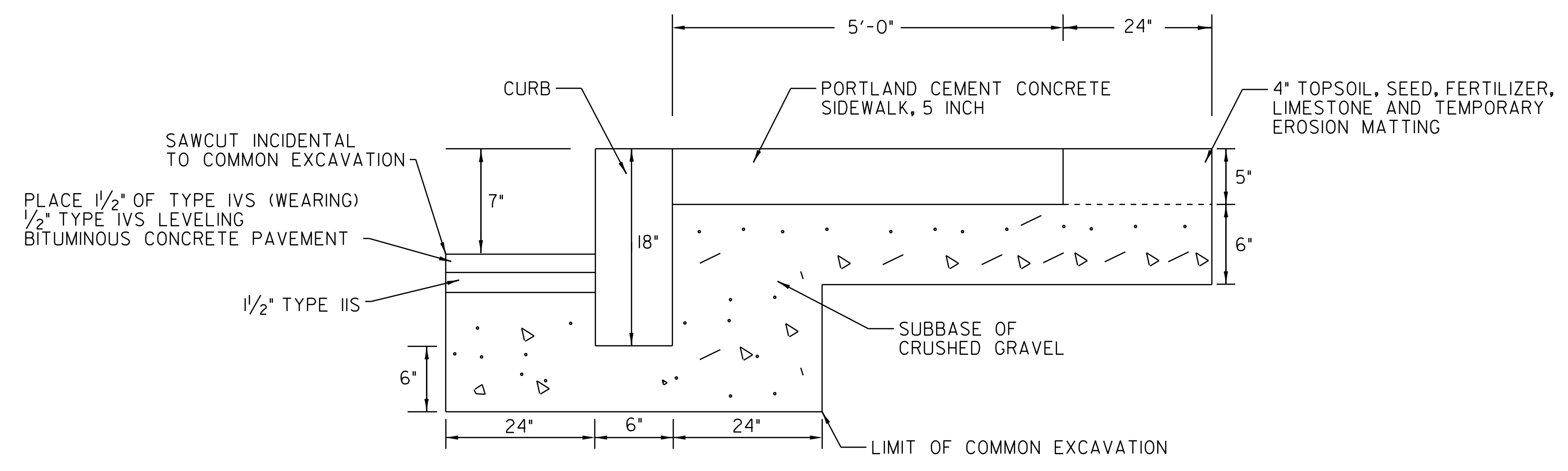
PROJECT NAME: HARTFORD-NORWICH / NORWICH  
PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S

FILE NAME: /pave/99cl64/pci64  
PROJECT LEADER: PTS  
DESIGNED BY: NLL  
IPARM FILE NAME: pci64c+pm0Li  
PLOT DATE: 14-FEB-2012 15:48  
DRAWN BY: MRS  
CHECKED BY: NLL  
SHEET 9 OF 137



**SIDEWALK RAMP PAY LIMIT DETAILS**

NOTE: THIS DETAIL IS FOR PAY LIMITS ONLY. FOR INDIVIDUAL RAMP CONFIGURATIONS, SLOPES, DIMENSIONS, ETC., SEE VTRANS STANDARDS C-3A & C-3B.

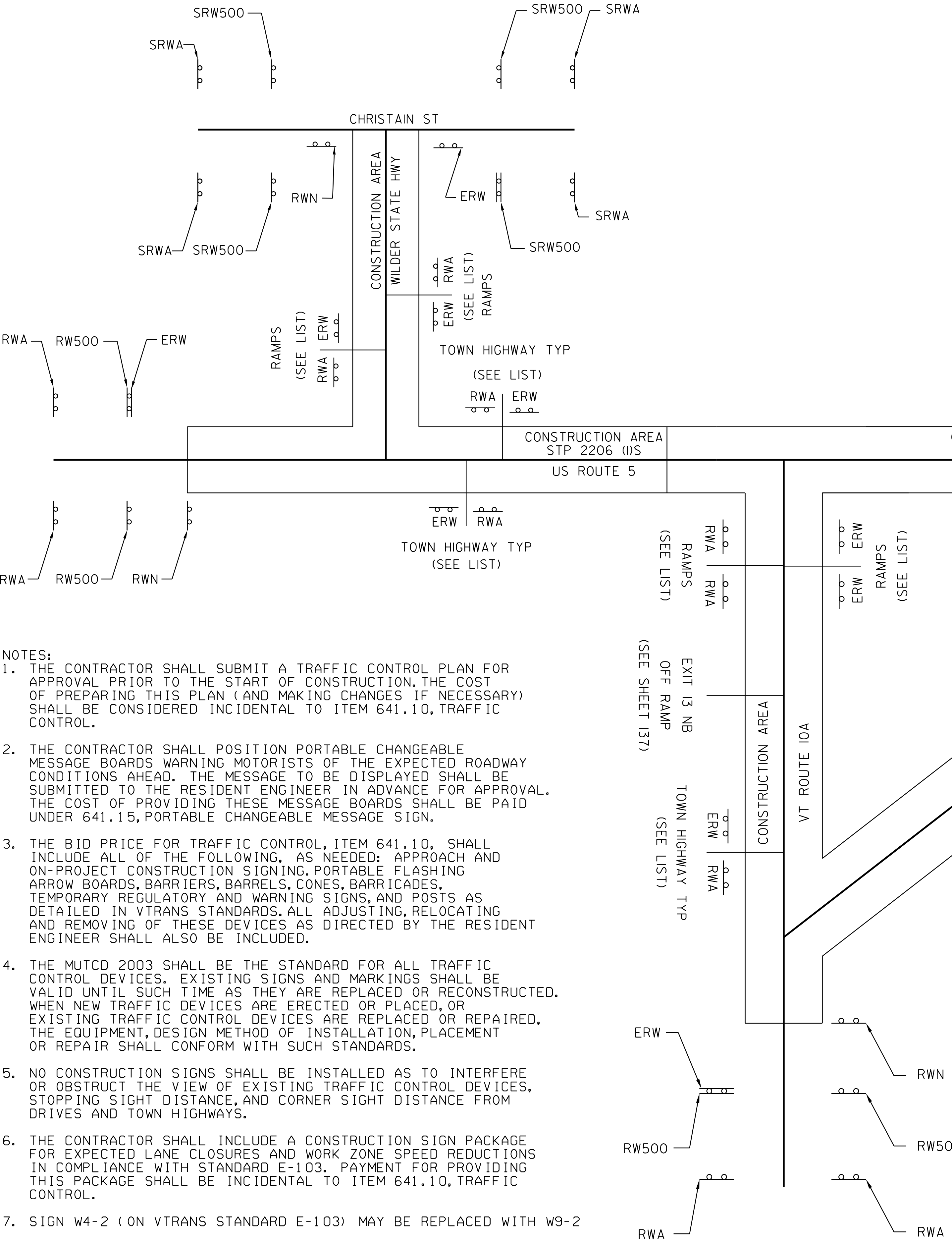


**SIDEWALK AND CURB CONSTRUCTION DETAIL**

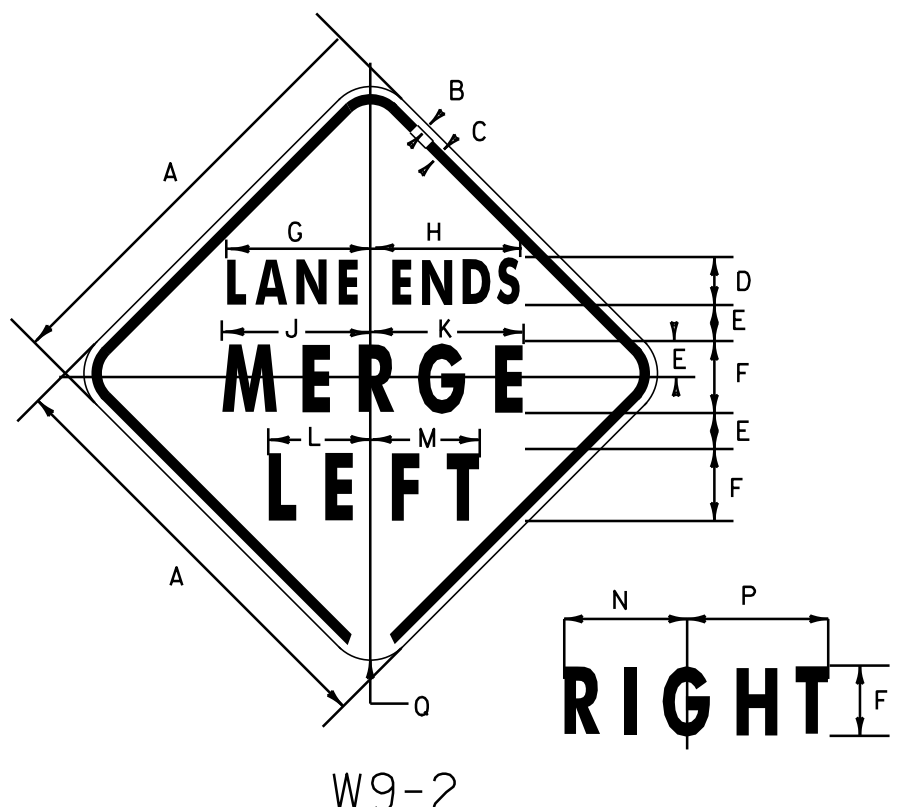
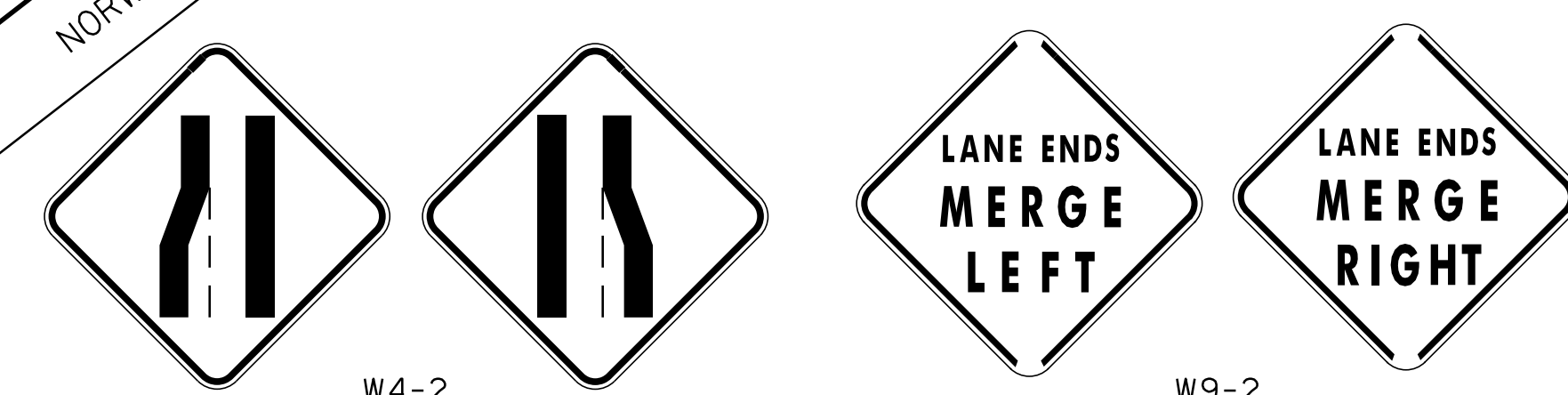
<b>COMPOSITE SIDEWALK PAY LIMITS</b>	PROJECT NAME: HARTFORD-NORWICH / NORWICH	
	PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S	
	FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:48
	PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pci64cspi01.i	SHEET 10 OF 137	

LIST OF TOWN/STATE HIGHWAYS FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD (RWA)	END ROAD WORK (ERW)	ROAD WORK (RW500)	SIDE ROAD WORK AHEAD (SRWA)	SIDE ROAD WORK 500' (SRW500)	ROAD WORK NEXT (RWN)
STP 2206(I)S						
BEGIN WSH				4	4	1
BEGIN PROJECT US 5	2	1	2			1
OFF RAMP D	1	1				
ON RAMP B		1				
ON RAMP C		1				
OFF RAMP A	1	1				
TH 252	1	1				
TH 33	1	1				
TH 91	1	1				
TH 123	1	1				
TH 90						
TH 90						
TH 32	1	1				
TH 31	1	1				
TH 88 LT						
TH 88 RT	1	1				
TH 87 LT	1	1				
TH 87 RT	1	1				
TH 86 LT	1	1				
TH 86 RT	1	1				
TH 83	1	1				
TH 29	1	1				
TH 30	1	1				
COLONIAL DR	1	1				
TH 143						
TH 9	1	1				
TH 285						
TH 18	1	1				
TH 287						
TH 286						
TH 270						
TH 58	1	1				
TH 83						
STP 2602(I)S						
ON RAMP B		1				
OFF RAMP D	1					
TH 60	1	1				
TH 1	1	1				
TH 63	1	1				
TH 73	1	1				
TH 40	1	1				
ON RAMP C		1				
TH 61	1	1				
TH 84	1	1				
END VT RTE IOA	2	1	2			1
END PROJECT US 5	2	1	2			1
ON RAMP A	STP HES 0170(4) - SEE SHEET I37					
TOTAL	33	33	6	4	4	2



- NOTES:
1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL BE CONSIDERED INCIDENTAL TO ITEM 641.10, TRAFFIC CONTROL.
  2. THE CONTRACTOR SHALL POSITION PORTABLE CHANGEABLE MESSAGE BOARDS WARNING MOTORISTS OF THE EXPECTED ROADWAY CONDITIONS AHEAD. THE MESSAGE TO BE DISPLAYED SHALL BE SUBMITTED TO THE RESIDENT ENGINEER IN ADVANCE FOR APPROVAL. THE COST OF PROVIDING THESE MESSAGE BOARDS SHALL BE PAID UNDER 641.15, PORTABLE CHANGEABLE MESSAGE SIGN.
  3. THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641.10, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE FLASHING ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VTRANS STANDARDS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED.
  4. THE MUTCD 2003 SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
  5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.
  6. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH STANDARD E-103. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, TRAFFIC CONTROL.
  7. SIGN W4-2 (ON VTRANS STANDARD E-103) MAY BE REPLACED WITH W9-2
  8. WHEN DIRECTED BY THE RESIDENT ENGINEER, "NO OUTLET" SIDE ROADS WILL NOT REQUIRE CONSTRUCTION SIGNING.
  9. SEE STD E-100 FOR SIGN PLACEMENT



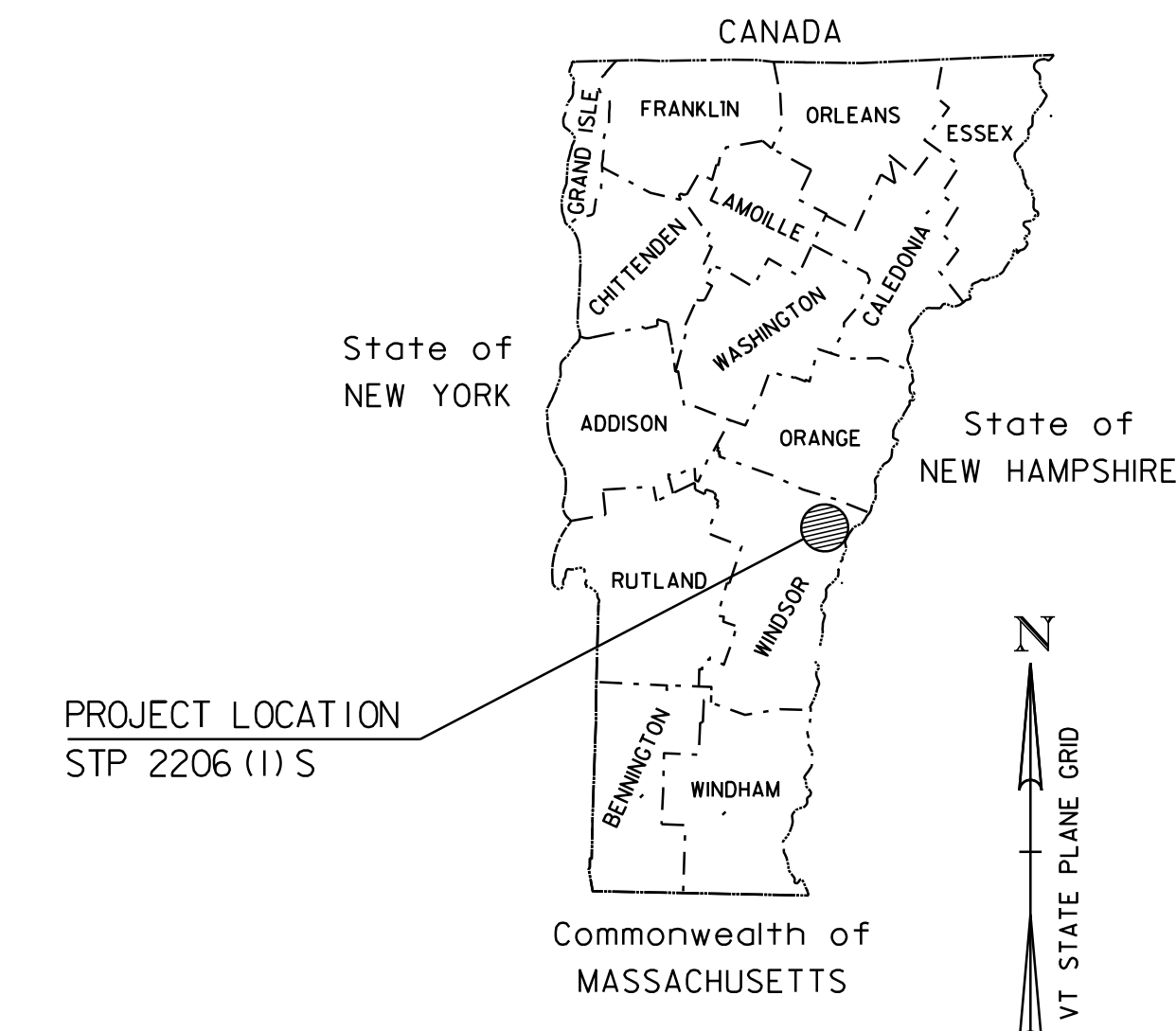
SIGN	DIMENSIONS ( INCHES )														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	30	1/2	3/4	3C	2 1/2	5D	9 5/16	9 5/16	10 3/8	10 5/16	7 1/8	7 9/16	8 9/16	9 7/8	1 7/8
STD.	36	5/8	7/8	4C	3	6D	12	12 1/2	12 3/8	12 3/4	8 1/2	9 1/8	10 1/4	11 3/4	2 1/4
EXPWY.	48	3/4	1 1/4	6C	4	8D	16 1/2	17	16 3/8	17 1/8	11 1/4	12 1/4	13 3/4	15 3/4	3

NOT TO SCALE

**COMPOSITE  
TEMPORARY  
TRAFFIC  
CONTROL  
PLAN**

PROJECT NAME: HARTFORD-NORWICH / NORWICH  
 PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S  
 FILE NAME: /pave/99cl64/pci64 PLOT DATE: 14-FEB-2012 15:49  
 PROJECT LEADER: PTS DRAWN BY: MRS  
 DESIGNED BY: NULL CHECKED BY: NULL  
 IPARM FILE NAME: pci64ct+tcp01.i SHEET II OF 137

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF HARTFORD & NORWICH COUNTY OF WINDSOR WILDER STATE HWY & US ROUTE 5

US ROUTE 5			
BEGIN PROJECT TO WILDER STATE HIGHWAY			
2009	ADT	=	8800
2009	DHV	=	980
2019	ADT	=	9900
2019	DHV	=	1100
2009-2019	ESALS	=	1,135,000
2009-2029	ESALS	=	2,609,000
WILDER STATE HIGHWAY TO CHESTNUT ST			
2009	ADT	=	7700
2009	DHV	=	800
2019	ADT	=	8600
2019	DHV	=	890
2009-2019	ESALS	=	1,039,000
2009-2029	ESALS	=	2,730,000
CHESTNUT ST TO CHRISTIAN ST			
2009	ADT	=	4000
2009	DHV	=	460
2019	ADT	=	4400
2019	DHV	=	510
2009-2019	ESALS	=	511,000
2009-2029	ESALS	=	1,184,000
CHRISTIAN ST TO END OF PROJECT			
2009	ADT	=	5700
2009	DHV	=	640
2019	ADT	=	6400
2019	DHV	=	720
2009-2019	ESALS	=	737,000
2009-2029	ESALS	=	1,725,000
WILDER STATE HIGHWAY			
CHRISTIAN ST TO I-91 RAMPS D/B			
2009	ADT	=	3600
2009	DHV	=	410
2019	ADT	=	4100
2019	DHV	=	460
2009-2019	ESALS	=	264,000
2009-2029	ESALS	=	644,000
I-91 RAMPS D/B TO RAMPS A/C			
2009	ADT	=	4800
2009	DHV	=	540
2019	ADT	=	5300
2019	DHV	=	600
2009-2019	ESALS	=	430,000
2009-2029	ESALS	=	987,000
I-91 RAMPS A/C TO US ROUTE 5			
2009	ADT	=	5700
2009	DHV	=	640
2019	ADT	=	6400
2019	DHV	=	720
2009-2019	ESALS	=	608,000
2009-2029	ESALS	=	1,442,000

WILDER STATE HIGHWAY: BEGINNING AT THE INTERSECTION WITH TOWN HIGHWAY 9 AT STATION 0+000.00 (MM 0.000) AND EXTENDING EASTERLY ALONG WILDER STATE HIGHWAY A DISTANCE OF 3,908.67 FEET (0.740 MILES) TO THE INTERSECTION WITH US ROUTE 5 AT STATION 39+08.67.  
 US ROUTE 5: BEGINNING IN HARTFORD ON US ROUTE 5 AT STATION 254+18.00 (MM 4.814) AND EXTENDING NORTHERLY A DISTANCE OF 18,882.98 FEET (3.576 MILES) TO STATION 44+35.00 (MM 0.840) IN NORWICH.

**PROJECT DATA**

FROM WILDER STATE HWY STA H 0+000.00 (MM 0.000) TO US ROUTE 5 STA 254+18.00 (MM 4.814)  
 TO US ROUTE 5 STA N 39+08.67 (MM 0.740) STA N 44+35.00 (MM 0.840)

LENGTH OF ROADWAY = 22,791.65 FEET (4.317 MILES)  
 LENGTH OF PROJECT = 22,791.65 FEET (4.317 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, GUARDRAIL, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	2,938,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

**CONVENTIONAL SYMBOLS**

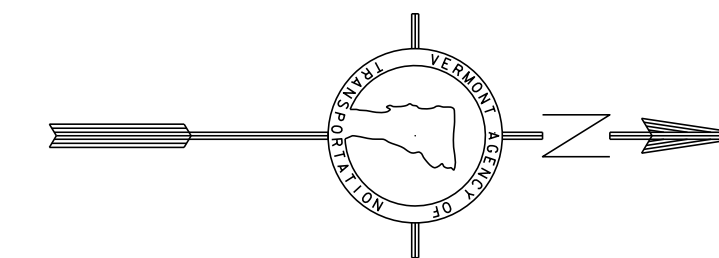
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

**BEGIN STP 2206(1)S  
WILDER STATE HWY  
STA H 0+000.00  
(MM 0.000)**

**BEGIN STP 2206(1)S  
US ROUTE 5  
STA 254+18.00  
(MM 4.814)**

**END STP 2206(1)S  
US ROUTE 5  
STA 44+35.00  
(MM 0.840)**

**END STP 2206(1)S  
WILDER STATE HWY  
STA 39+08.67  
(MM 0.740)**



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

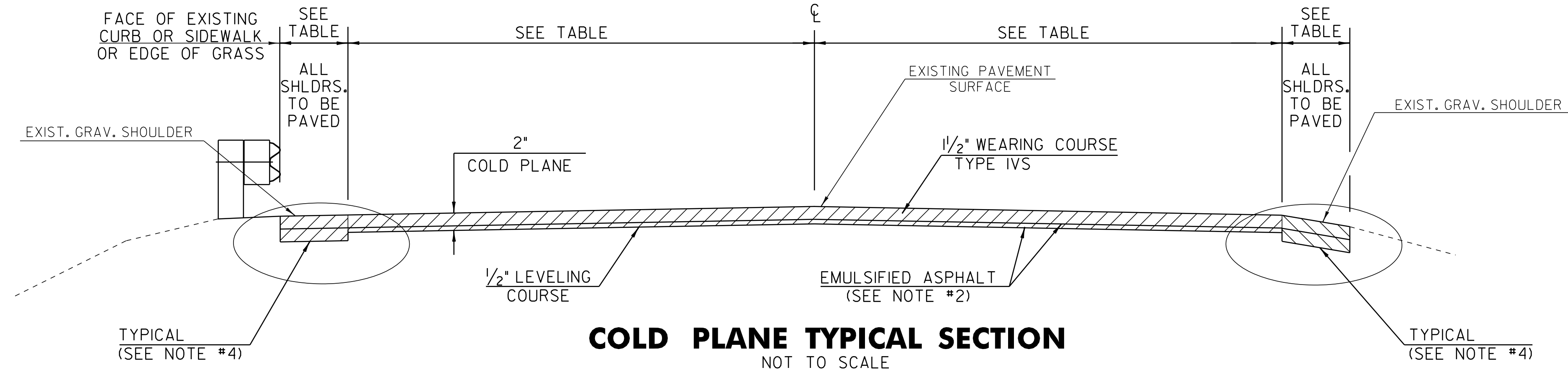
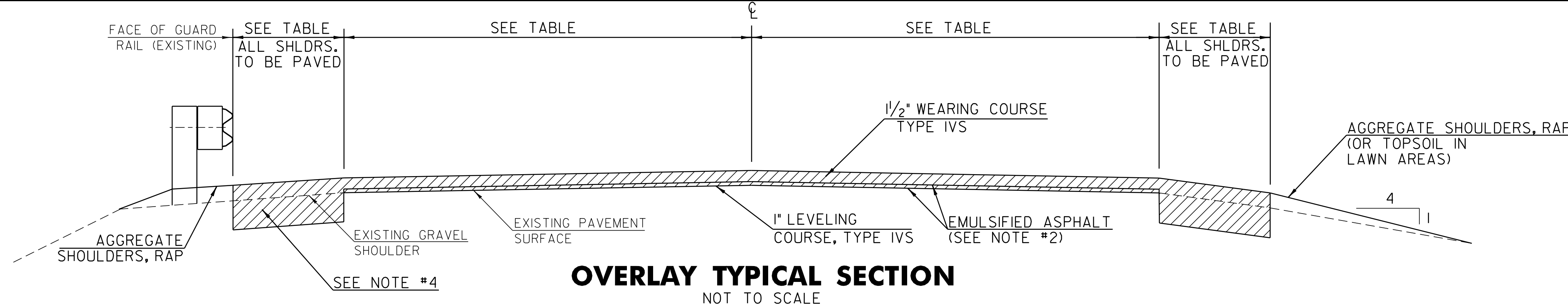
RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT 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 : TED DOMEY	
PROJECT NAME : HARTFORD - NORWICH	
PROJECT NUMBER : STP 2206 (1) S	
SHEET 12 OF 137 SHEETS	

# GENERAL NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS. THE LEVELING COURSE SHALL BE TYPE IVS, ITEM 490.30, AS SHOWN ON THE TYPICAL'S, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 490 GENERAL SPECIAL PROVISIONS.
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 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" +/- 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.
5. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL'S 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 JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.
6. BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS PUBLIC AND / OR PRIVATE DRIVES AND PERMITTED DRIVES), SHALL BE PAID FOR UNDER ITEM 900.675, SPECIAL PROVISION (HAND - PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES), BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, SHALL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR BITUMINOUS CONCRETE PAVEMENT.
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.J3, AGGREGATE SHOULDERS, RAP.
8. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.J3, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
9. ITEM 604.40, 604.412, 604.415 AND 604.418 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE LAYOUT SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
10. 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.
11. INSTALL NEW SIGNS, AS SHOWN ON THE PAVING LAYOUTS, ON SQUARE STEEL SIGN POSTS.
12. ITEM 621.76, REPLACE GUARDRAIL POST ASSEMBLY & ITEM 621.77, REPLACE GUARDRAIL BEAM UNIT ARE ESTIMATED AT 10 PERCENT OF THE TOTAL STEEL BEAM GUARDRAIL LENGTH WHICH IS BEING RETAINED.
13. AN ESTIMATED QUANTITY OF ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37, TRUCK RENTAL AND ITEM 608.40, LOADER RENTAL, TYPE I HAVE BEEN INCLUDE FOR THE PROVISION OF CONSTRUCTING GUARDRAIL FLARES. 25 CUBIC YARDS OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR FLARE CONSTRUCTION. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF DITCHING MATERIAL OR TOPSOIL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ITEM 653.20, TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL FLARE. THE QUANTITIES REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
14. THE REMOVAL OF THE EXISTING MATERIAL AT THE GUTTER LOCATIONS IS INCIDENTAL TO ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I UNLESS OTHERWISE NOTED.



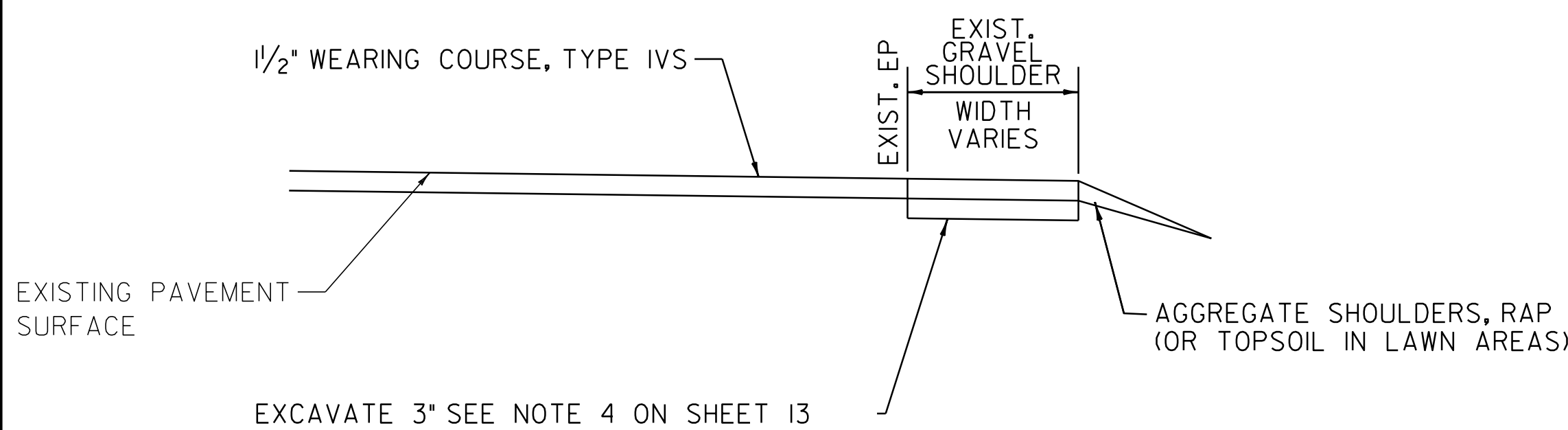
## PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	SHOULDER	LANE TYPICAL	SHOULDER	WEARING DEPTH (in)	LEVELING DEPTH	LEVEL TYPE	NOTES
HARTFORD	0+13	0+95	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
WILDER STATE HWY	0+95	10+78	5.0	11.0-11.0	5.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	10+78	16+68	6.0	11.0-11.0	5.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	11+90	16+96	VARIES	-	-	-	2"	IVS	LEVEL SHOULDER 2" TYPE IVS PRIOR TO ROADWAY LEVELING
	16+68	17+80	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	17+80	35+75	10.0	12.0-12.0	10.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
US ROUTE 5	35+75	38+60	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	254+18	271+60	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	271+60	279+00	2.0	11.0-11.0	2.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	279+00	280+60	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	280+60	287+00	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	287+00	288+00	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	288+00	297+33	2.0	11.0-11.0	2.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	297+33	297+90	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	297+90	307+13	4.0	11.0-11.0	4.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	307+13	307+65	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	307+65	313+66	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	313+66	319+75	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	319+75	320+75	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	320+75	323+75	5.0	11.0-11.0	5.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	323+75	324+75	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	324+75	330+20	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	330+20	330+85	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	330+85	332+00	2.0	11.0-11.0	4.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	332+00	332+86	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	332+86	343+20	4.0	11.0-11.0	4.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY. BRIDGE 75
	343+20	360+05	4.0	11.0-11.0	4.0	1 1/2"	1"	IVS	LEVEL AND OVERLAY
360+05	375+05	VARIES	11.0-11.0	VARIES	1 1/2"	1"	IVS	LEVEL AND OVERLAY	
375+05	386+50	3.0	11.0-11.0	3.0	1 1/2"	1"	IVS	LEVEL AND OVERLAY	
386+50	388+40	VARIES	11.0-11.0	VARIES	1 1/2"	1"	IVS	LEVEL AND OVERLAY	
388+40	398+66	3.0	11.0-11.0	3.0	1 1/2"	1"	IVS	LEVEL AND OVERLAY	
NORWICH	0+00	18+81	3.0	11.0-11.0	3.0	1 1/2"	1"	IVS	LEVEL AND OVERLAY
	18+81	19+53	VARIES	11.0-11.0	VARIES	1 1/2"	1"	IVS	LEVEL AND OVERLAY
	19+53	28+50	4.0	11.0-11.0	4.0	1 1/2"	1"	IVS	LEVEL AND OVERLAY
	28+50	30+00	VARIES	11.0-11.0	VARIES	1 1/2"	1"	IVS	LEVEL AND OVERLAY
	30+00	41+70	9.0	11.0-11.0	9.0	1 1/2"	1"	IVS	LEVEL AND OVERLAY
	41+70	44+35	9.0	11.0-11.0	9.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY

## PROJECT TYPICAL SHEET 1

PROJECT NAME: HARTFORD-NORWICH  
PROJECT NUMBER: STP 2206(1)S

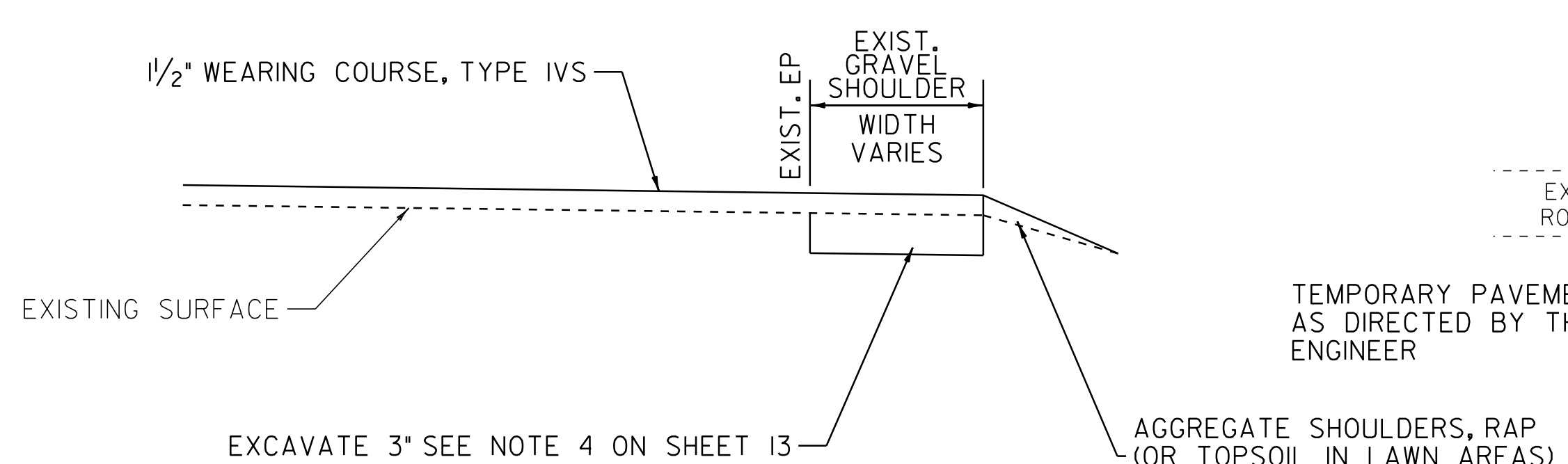
FILE NAME: /pave/99cl64/pci64 PLOT DATE: 14-FEB-2012 15:49  
PROJECT LEADER: PTS DRAWN BY: MRS  
DESIGNED BY: NULL CHECKED BY: NULL  
IPARM FILE NAME: pci64+y01.i SHEET 13 OF 137



**SHOULDER WIDENING - COLD PLANE**

LOCATION

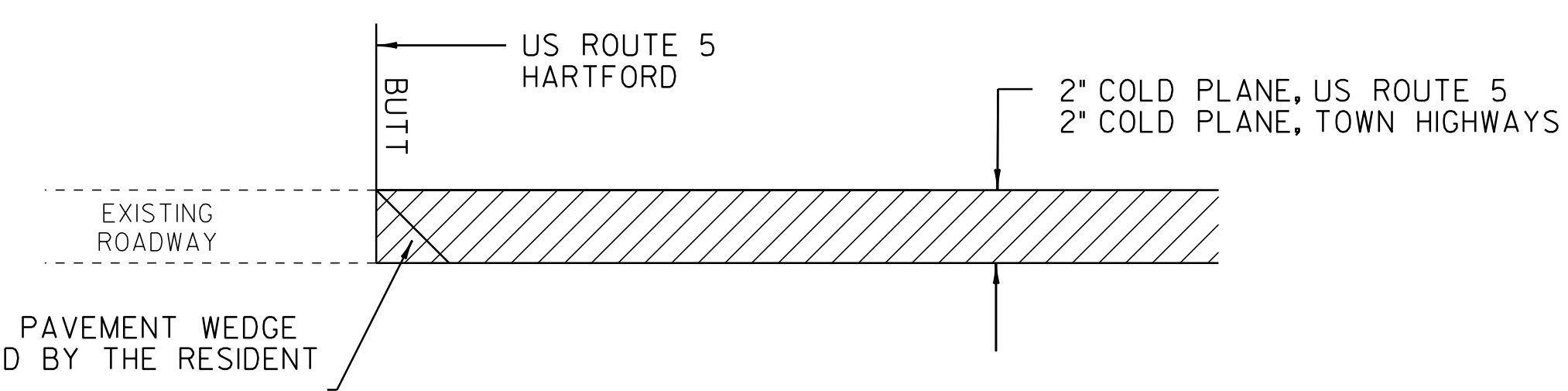
WILDER STATE HIGHWAY  
STA H 0+50 TO H 16+98 LT  
STA H 0+85 TO H 14+60 RT



**SHOULDER WIDENING - OVERLAY**

LOCATION

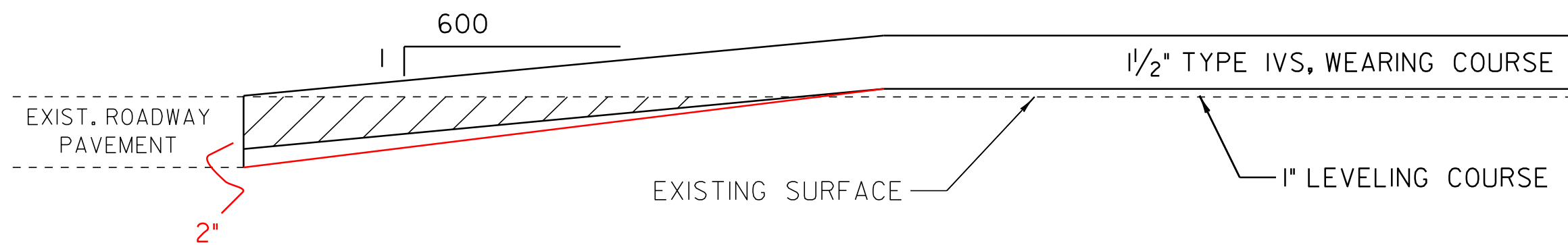
US ROUTE 5  
STA 377+00 TO 395+98 RT  
STA 377+61 TO 383+02 LT  
STA 383+99 TO 392+13 LT  
STA 392+50 TO 398+66 LT  
STA 396+76 TO 398+66 RT  
STA 0+00 TO 18+97 LT  
STA 0+00 TO 19+27 RT



**APPROACH AREA DETAIL - BUTT**

NOT TO SCALE  
LOCATION

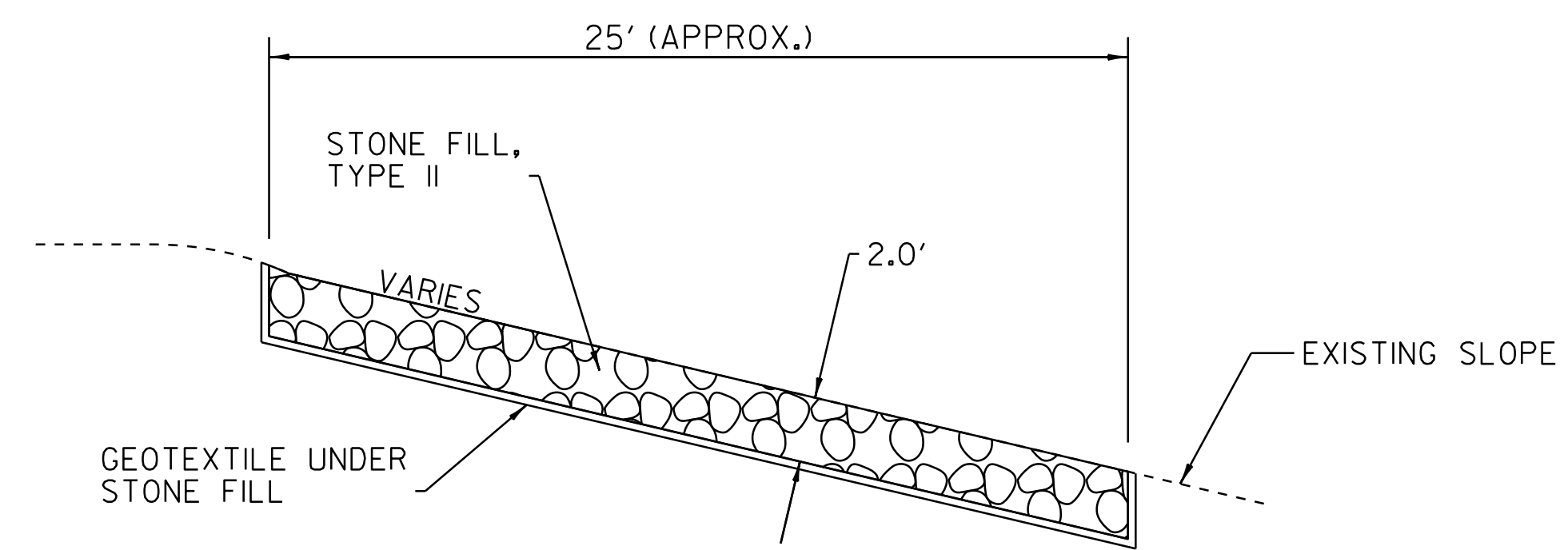
STA H 0+13 WSH - BEGIN WILDER STATE HIGHWAY  
STA H 38+60 WSH - END COLD PLANING  
STA 254+18 US RTE 5 - BEGIN COLD PLANING RAMP AND TOWN HIGHWAYS  
STA H 17+09 I-91 RAMP D - END COLD PLANING  
STA H 17+17 I-91 RAMP B - END COLD PLANING  
STA H 21+90 I-91 RAMP C - END COLD PLANING  
STA H 21+89 I-91 RAMP A - END COLD PLANING  
STA 271+20 US RTE 5 (TH 252) - END COLD PLANING  
STA 279+59 US RTE 5 (TH 33) - END COLD PLANING  
STA 280+28 US RTE 5 (TH 91) - END COLD PLANING  
STA 288+54 US RTE 5 (TH 123) - END COLD PLANING  
STA 293+88 US RTE 5 (TH 90) - END COLD PLANING  
STA 295+91 US RTE 5 (TH 90) - END COLD PLANING  
STA 297+60 US RTE 5 (TH 32) - END COLD PLANING  
STA 297+63 US RTE 5 (TH 31) - END COLD PLANING  
STA 301+15 US RTE 5 (TH 88) - END COLD PLANING  
STA 301+16 US RTE 5 (TH 88) - END COLD PLANING  
STA 304+65 US RTE 5 (TH 87) - END COLD PLANING  
STA 304+65 US RTE 5 (TH 87) - END COLD PLANING  
STA 307+39 US RTE 5 (TH 86) - END COLD PLANING  
STA 307+39 US RTE 5 (TH 86) - END COLD PLANING  
STA 310+94 US RTE 5 (TH 83) - END COLD PLANING  
STA 314+37 US RTE 5 (TH 29) - END COLD PLANING  
STA 317+52 US RTE 5 (TH 30) - END COLD PLANING  
STA 318+96 US RTE 5 (COLONIAL DR) - END COLD PLANING  
STA 332+54 US RTE 5 (TH 143) - END COLD PLANING



**APPROACH AREA DETAIL - TAPER**

NOT TO SCALE  
LOCATION

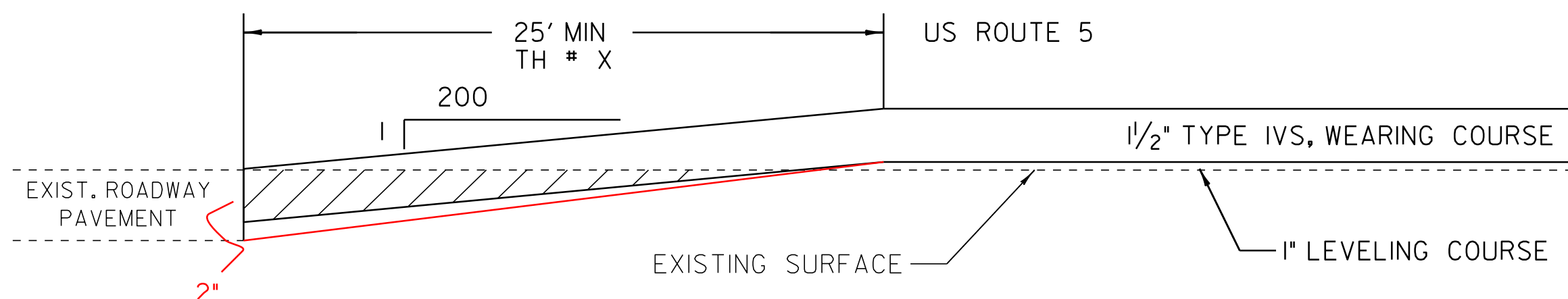
HARTFORD  
US 5 STA 343+20 TO 343+95 - RESUME OVERLAY  
NORWICH  
US 5 STA 40+95 TO 41+70 - END OVERLAY



**STONE FILL DETAIL**

LOCATION

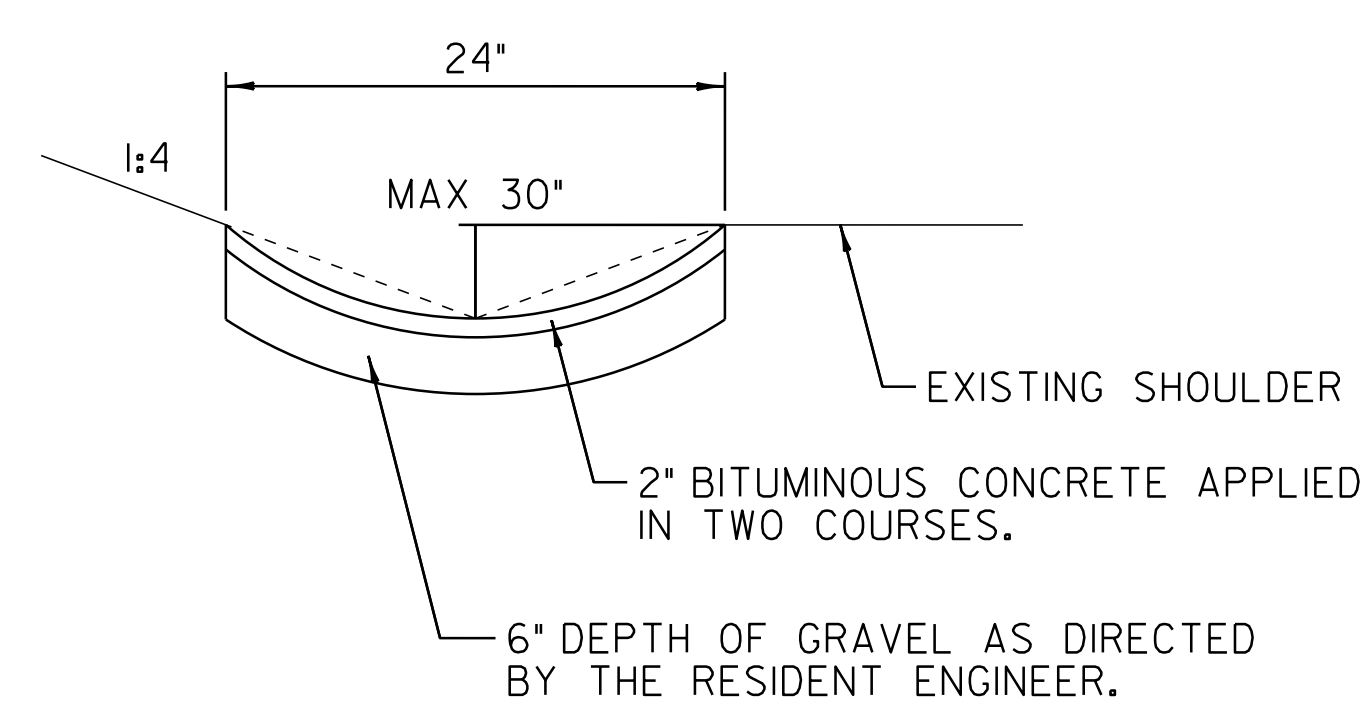
WILDER STATE HIGHWAY  
H 32+70 TO H 33+04 RT



**APPROACH AREA DETAIL - TAPER**

NOT TO SCALE  
LOCATION

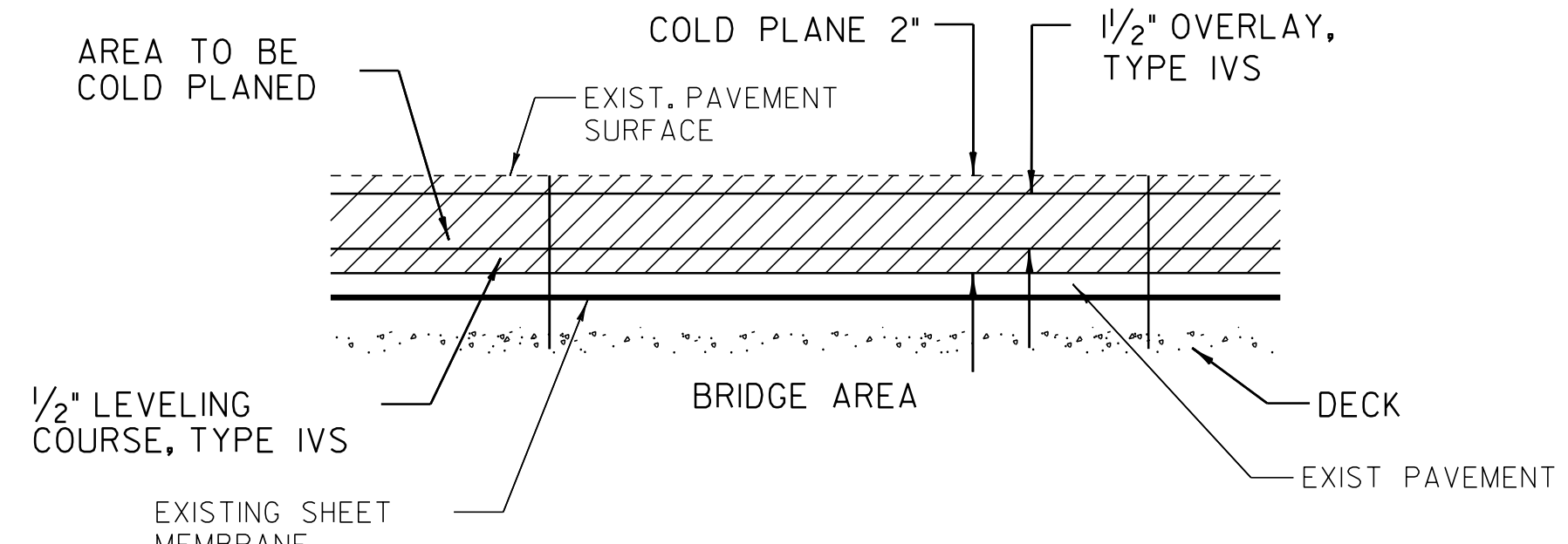
TOWN HIGHWAYS  
TH 9 STA 360+44 LT  
TH 285 STA 364+30 RT  
SCHOOL STA 372+56 LT  
TH 18 STA 377+48 LT  
TH 287 STA 383+51 LT  
TH 286 STA 392+31 LT  
TH 270 STA 396+41 RT  
TH 58 STA 19+19 LT  
TH 83 STA 38+10 RT



**BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS**

NOT TO SCALE  
LOCATION

US ROUTE 5  
STA 271+43 TO 272+28 LT  
STA 301+40 TO 301+96 RT  
STA 352+30 TO 353+67 RT



**BRIDGE COLD PLANE DETAIL**

LOCATION

BRIDGE #75 STA 332+86 TO STA 333+29

**PROJECT TYPICAL SHEET 2**

PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:49
PROJECT NUMBER: STP 2206(I)S	DRAWN BY: MRS
FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
PROJECT LEADER: PTS	SHEET 14 OF 137
DESIGNED BY: NLL	
IPARM FILE NAME: pci64+y02.i	

### SEEDING FORMULA - RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

### SEEDING NOTES

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

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

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, 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.

### SEEDING FORMULA - URBAN AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
42.5	34.0	CREEPING RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.00	80.0			

### SEEDING NOTES

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

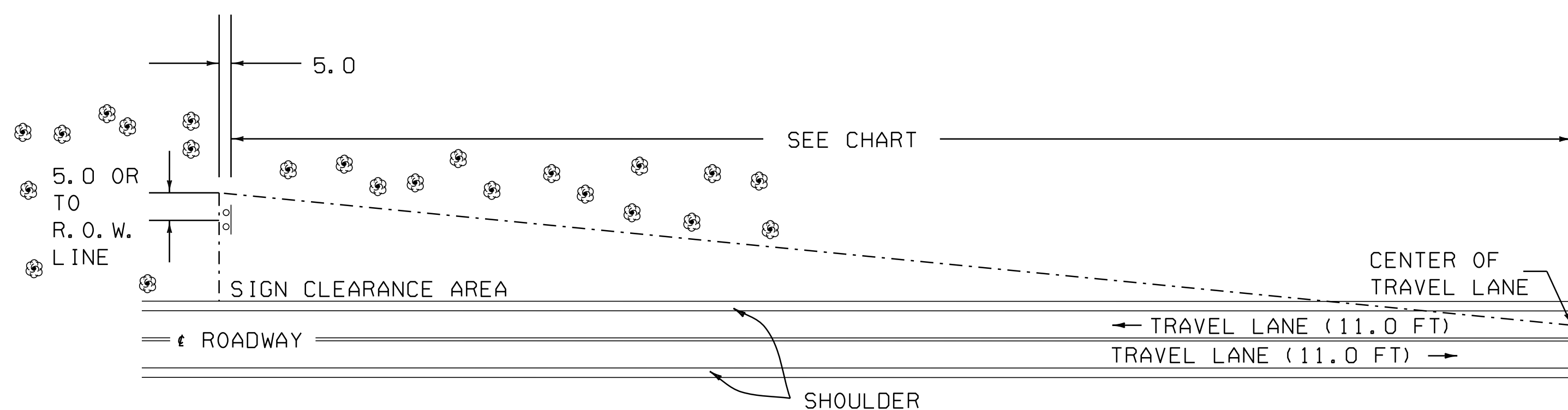
SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, 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.



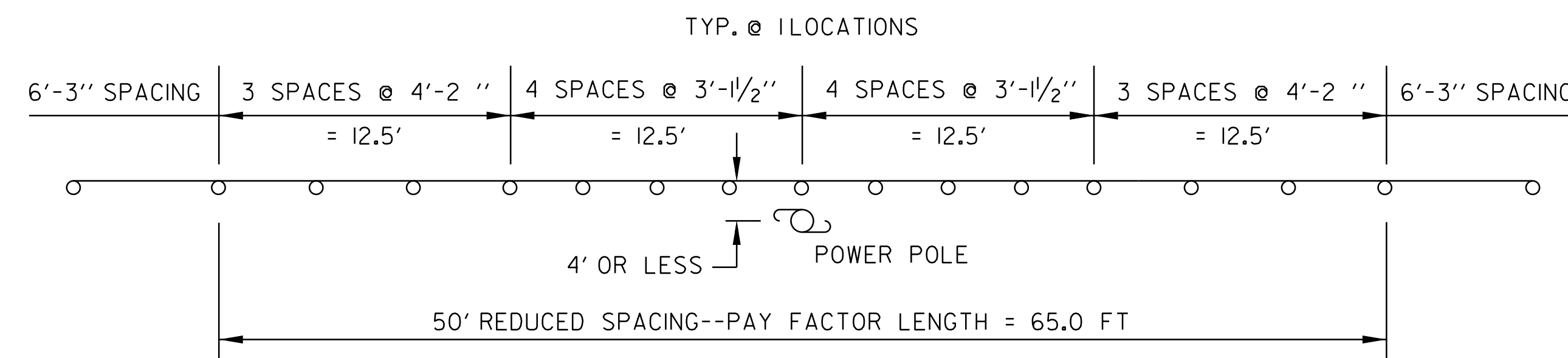
MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

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 UNDER ITEM 201.31, THINNING AND TRIMMING FOR SIGNS. NO CHEMICALS (POISONS OR DEFOLIANTS) WILL BE ALLOWED.

### THINNING AND TRIMMING DETAIL

STA 271+40 LT  
STA 319+03 LT  
STA 377+30 LT



### GUARDRAIL DETAIL

OBJECTS WITHIN 4.0 FT OF GUARDRAIL LOCATION

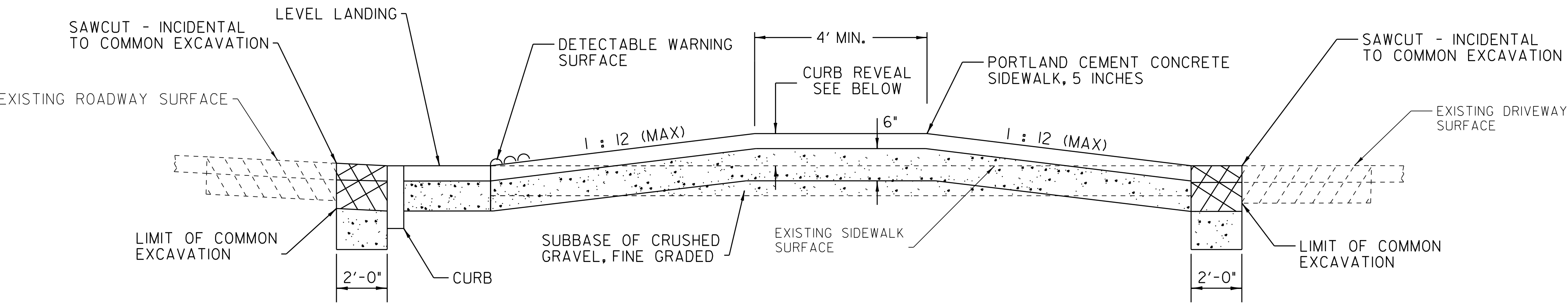
US ROUTE 5  
STA 387+16 TO 387+66 LT

### PROJECT TYPICAL SHEET 3

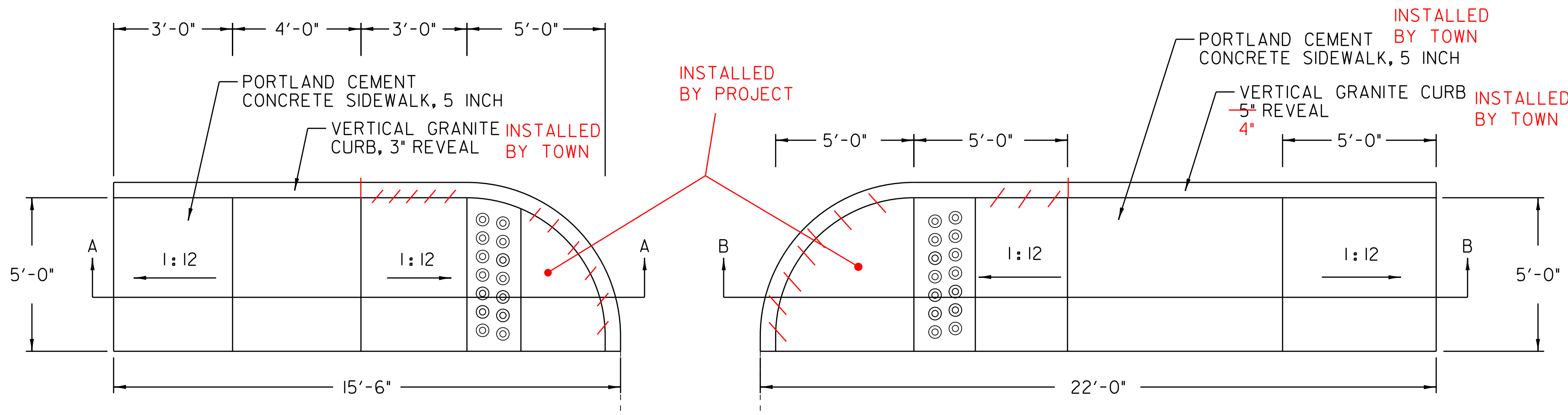
PROJECT NAME: HARTFORD-NORWICH  
PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pci64  
PROJECT LEADER: PTS  
DESIGNED BY: NULL  
IPARM FILE NAME: pci64+y03.i

PLOT DATE: 14-FEB-2012 15:49  
DRAWN BY: MRS  
CHECKED BY: NULL  
SHEET 15 OF 137



**SECTION A - A  
(SECTION B - B AND  
SECTION C - C SIMILAR)**



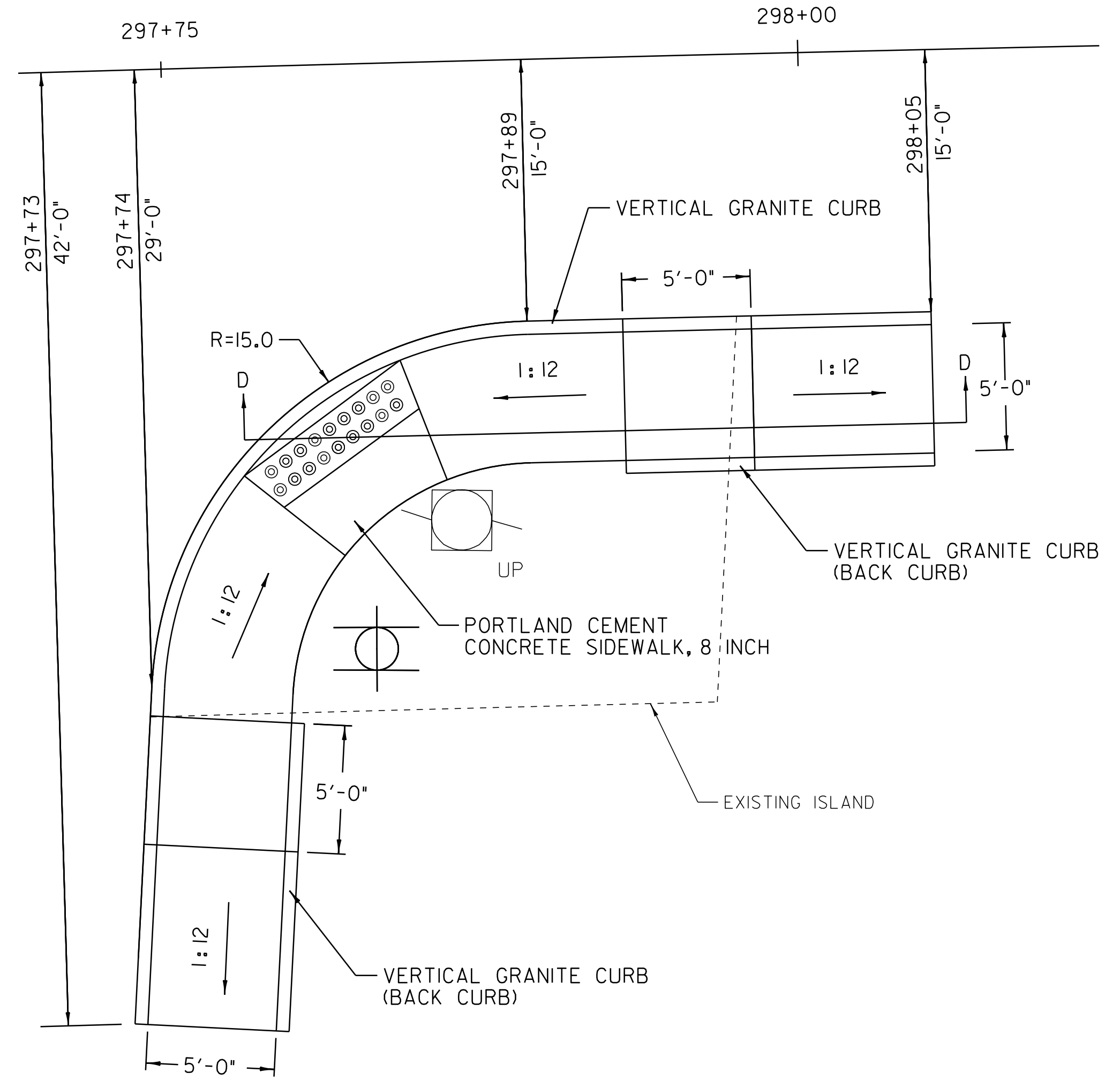
**US ROUTE 5 STA 288+38 RT**

NOT TO SCALE

**US ROUTE 5 STA 288+69 RT**

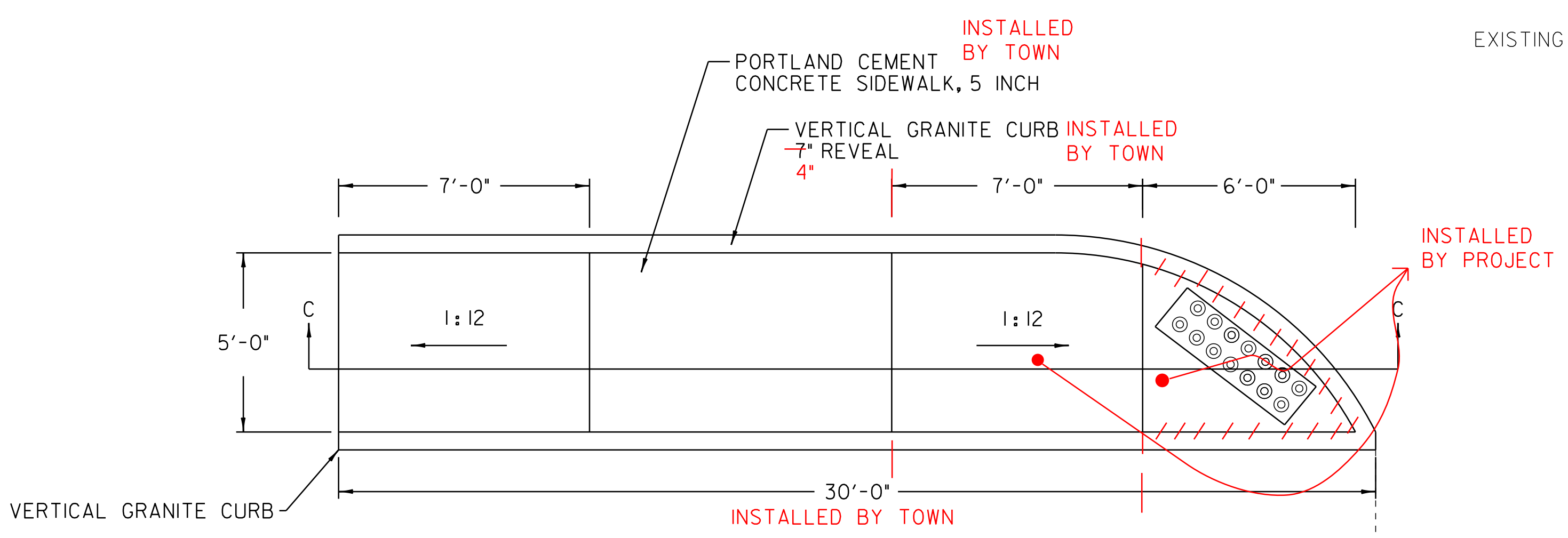
NOT TO SCALE

TH # 123



**US ROUTE 5 STA 297+73 TO 297+05 RT**

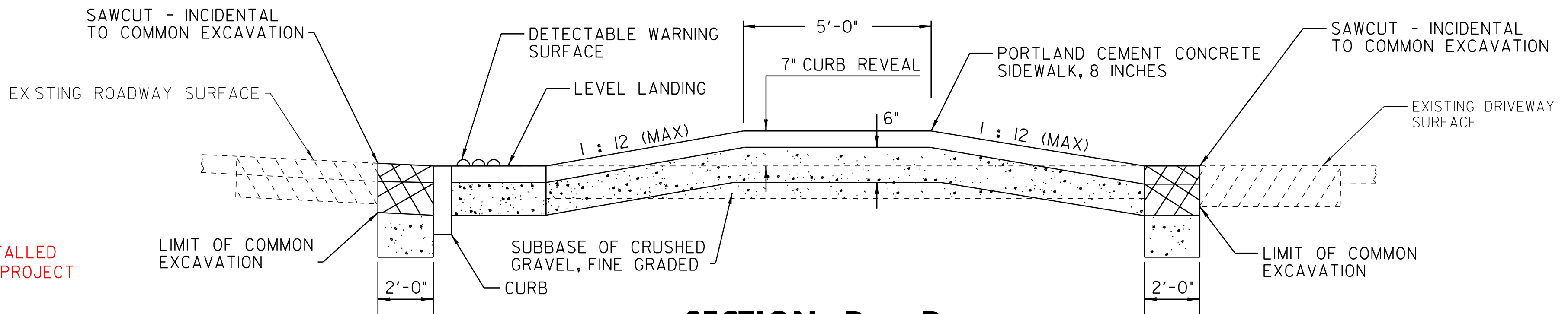
NOT TO SCALE



**US ROUTE 5 STA 293+64 RT**

NOT TO SCALE

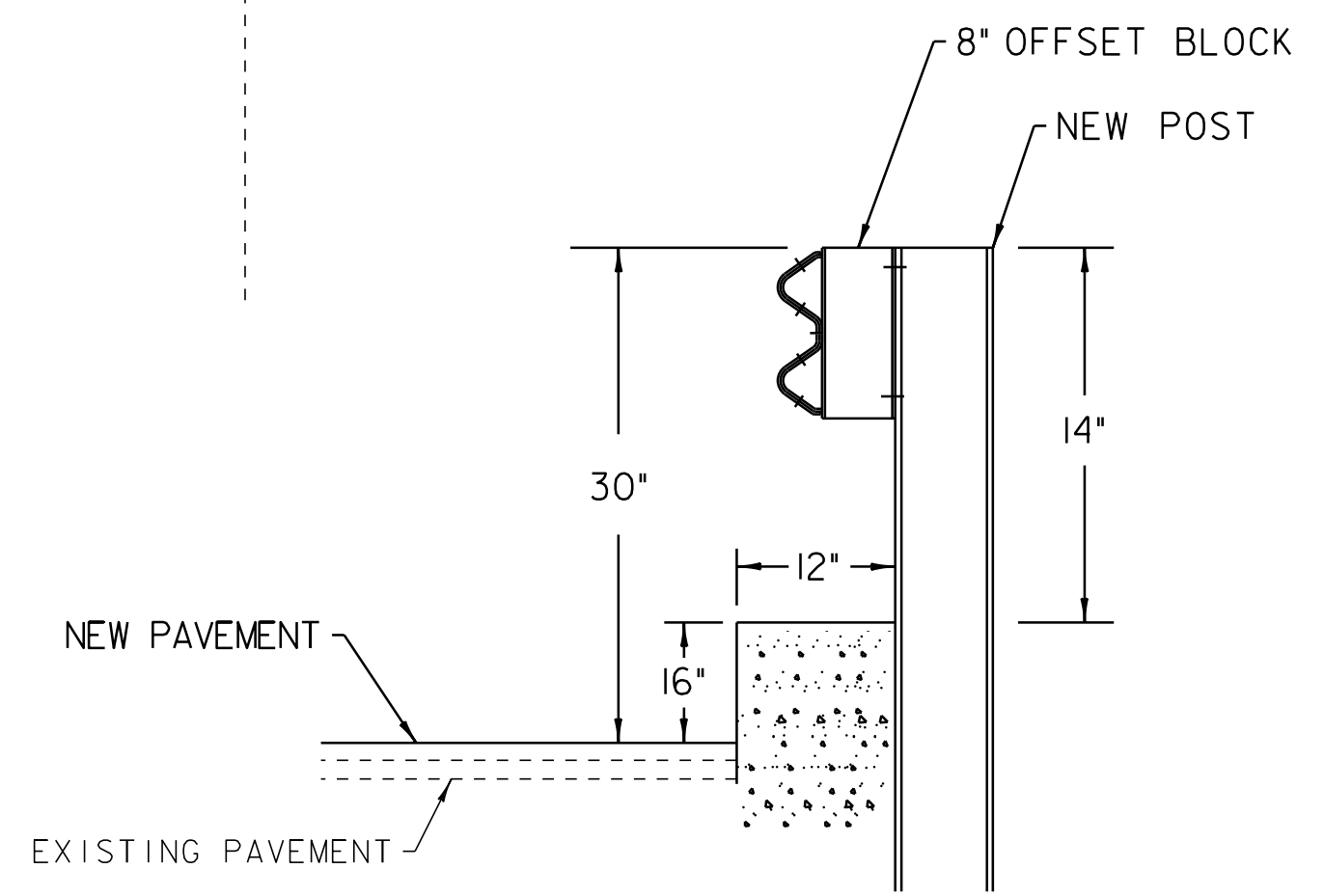
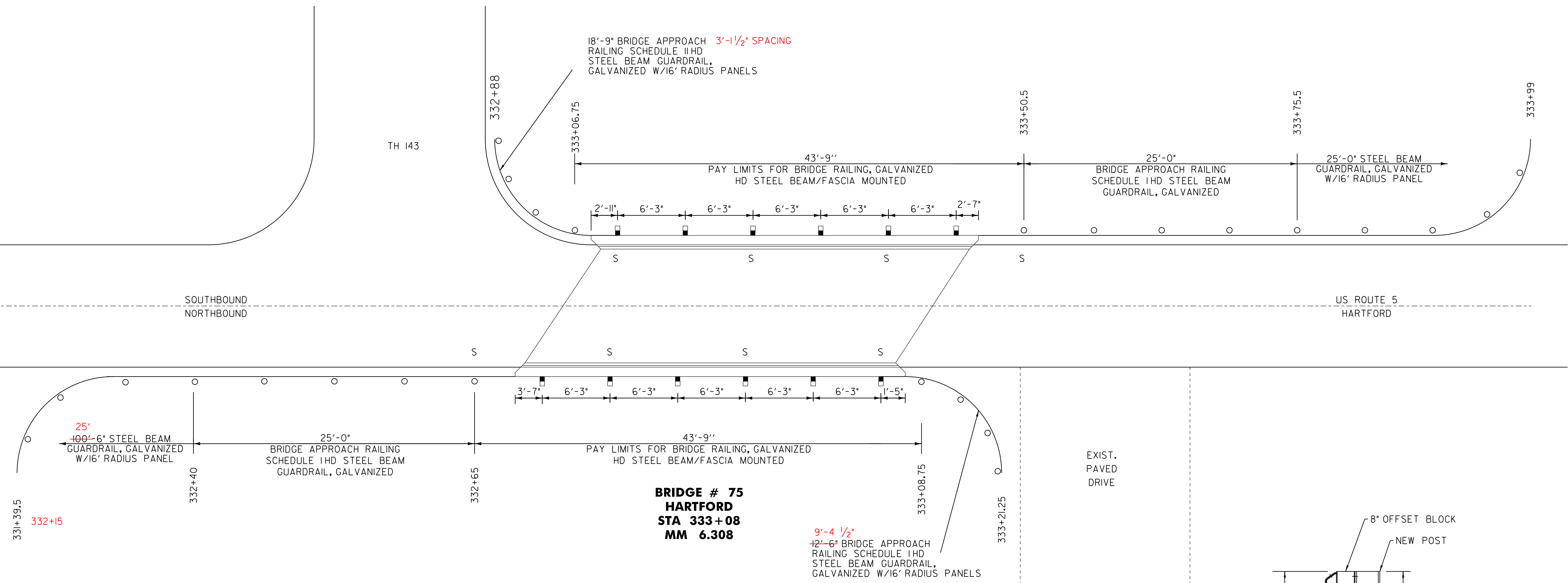
TH # 90



**SECTION D - D**

<b>SIDEWALK RAMP DETAILS</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:49
	PROJECT NUMBER: STP 2206(I)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	DESIGNED BY: NULL
	IPARM FILE NAME: pci64d+01.i	CHECKED BY: NULL
		SHEET 16 OF 137





**BRIDGE POST DETAIL**

NEW STEEL BEAM BRIDGE RAIL AND OFFSET BLOCKS, WITH NEW POSTS, SHALL BE ATTACHED TO THE BRIDGE UTILIZING THE EXISTING ANCHOR BOLTS.

LEGEND  
S = SPLICE

<b>BRIDGE DETAIL SHEET 2</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:49
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 18 OF 137
	IPARM FILE NAME: pci64bd02.i	

# QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS							
										ROADWAY	ROADWAY (NO FED/STATE PART)	BRIDGE NO. 75	FULL C.E.	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
										3				3		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-
										225				225		CY	COMMON EXCAVATION	203.15	6.3
										860				860		CY	EARTH BORROW	203.30	2
										1570				1570		LF	SHOULDER BERM REMOVAL	203.40	23
										1				1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
										53650				53650		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	66
										365				365		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	1.6
										1330				1330		TON	AGGREGATE SHOULDERS, RAP	402.13	11
										365				365		CWT	EMULSIFIED ASPHALT	404.65	2
										1				1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
																	BEGIN OPTION AA		
										12000				12000		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0% RAP CONTENT)	490.30	636
										12000				12000		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0% < RAP CONTENT <15.0%)	490.30	636
										12000				12000		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	636
										12000				12000		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	636
																	END OPTION AA		
										1				1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
										1				1		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-
										1				1		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-
										1				1		LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-
												88		88		LF	REMOVAL OF EXISTING RAILING	525.10	-
												88		88		LF	BRIDGE RAILING, GALVANIZED HD STEEL BEAM/FASCIA MOUNTED	525.41	-
										15				15		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	EST
										6				6		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST
										7				7		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST
										8				8		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST
												19		19		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	EST
										190				190		HR	POWER GRADER RENTAL	608.15	EST
										85				85		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
										8				8		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE II	608.26	EST
										55				55		HR	POWER BROOM RENTAL, TYPE I	608.30	EST
										90				90		HR	POWER BROOM RENTAL, TYPE II	608.31	EST
										95				95		HR	TRUCK RENTAL	608.37	EST
										70				70		HR	LOADER RENTAL, TYPE I	608.40	EST
										10				10		CY	STONE FILL, TYPE I	613.10	EST

DETAILED SUMMARY OF QUANTITIES		
QUANTITY	UNIT	ITEMS
		COLD PLANING, BITUMINOUS PAVEMENT
33331	SY	US ROUTE 5
16992	SY	WILDER STATE HIGHWAY
3261	SY	TOWN HIGHWAYS
53584	SY	SUBTOTAL
66	SY	ROUNDING
53650	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
1487	TON	WILDER STATE HIGHWAY, TYPE IVS, WEARING COURSE
65	TON	WILDER STATE HIGHWAY, TYPE IIS
506	TON	WILDER STATE HIGHWAY, TYPE IVS, LEVELING COURSE
5888	TON	US ROUTE 5, TYPE IVS, WEARING COURSE
162	TON	US ROUTE 5, TYPE IIS
2953	TON	US ROUTE 5, TYPE IVS, LEVELING COURSE
303	TON	TOWN HIGHWAYS
11364	TON	SUBTOTAL
636	TON	ROUNDING
12000	TON	TOTAL
PROJECT NAME: HARTFORD - NORWICH PROJECT NUMBER: STP 2206(I)S FILE NAME: /pave/99c164/pci64 PROJECT LEADER: PTS DESIGNED BY: NULL IPARM FILE NAME: pci64qs01.i PLOT DATE: 14-FEB-2012 15:49 DRAWN BY: MRS CHECKED BY: PTS SHEET 19 OF 137		

# QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES						
									ROADWAY	ROADWAY (NO FED/ STATE PART)	BRIDGE NO. 75	FULL C.E.	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS
									65				65		CY	STONE FILL, TYPE II	613.11	EST			
									275				275		LF	VERTICAL GRANITE CURB	616.21	3.7			
									1010				1010		LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	11			
									35				35		LF	REMOVING AND RESETTING CURB	616.40	1			
									10				10		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1			
									85				85		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	1.2			
									35				35		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	4.9			
									150				150		SF	DETECTABLE WARNING SURFACE	618.30	12			
									20				20		EACH	YIELDING MARKER POSTS	619.17	-			
									525				525		LF	SNOW BARRIER, GALVANIZED	620.75	5			
									3650				3650		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	11			
									1210				1210		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	8.5			
									120				120		LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	7.25			
									9				9		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-			
									24				24		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
									45				45		EACH	REPLACE GUARDRAIL POST ASSEMBLY	621.76	3			
									25				25		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	4			
									4975				4975		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	34			
									2				2		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	-			
									38				38		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	EST			
									1180				1180		HR	UNIFORMED TRAFFIC OFFICERS	630.10	-			
									3540				3540		HR	FLAGGERS	630.15	-			
												0.46	0.46		LS	FIELD OFFICE, ENGINEERS	631.10	-			
												0.10	0.10		LS	TESTING EQUIPMENT, CONCRETE	631.16	-			
												0.46	0.46		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
												0.46	0.46		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
									0.46				0.46		LS	MOBILIZATION/DEMobilIZATION	635.11	-			
									1				1		LS	TRAFFIC CONTROL (STP 2206 (1)S)	641.10	-			
									0.5				0.5		LS	PUBLIC RELATIONS OFFICER	641.12	-			
									2				2		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
									46300				46300		LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	65			
									47750				47750		LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	50			
									700				700		LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	9			
									575				575		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	5			
									179				179		EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-			

PROJECT NAME: HARTFORD - NORWICH  
 PROJECT NUMBER: STP 2206(1)S  
 FILE NAME: /pave/99c164/pci64  
 PROJECT LEADER: PTS  
 DESIGNED BY: NULL  
 IPARM FILE NAME: pci64qs02.i  
 PLOT DATE: 14-FEB-2012 15:49  
 DRAWN BY: MRS  
 CHECKED BY: PTS  
 SHEET 20 OF 137

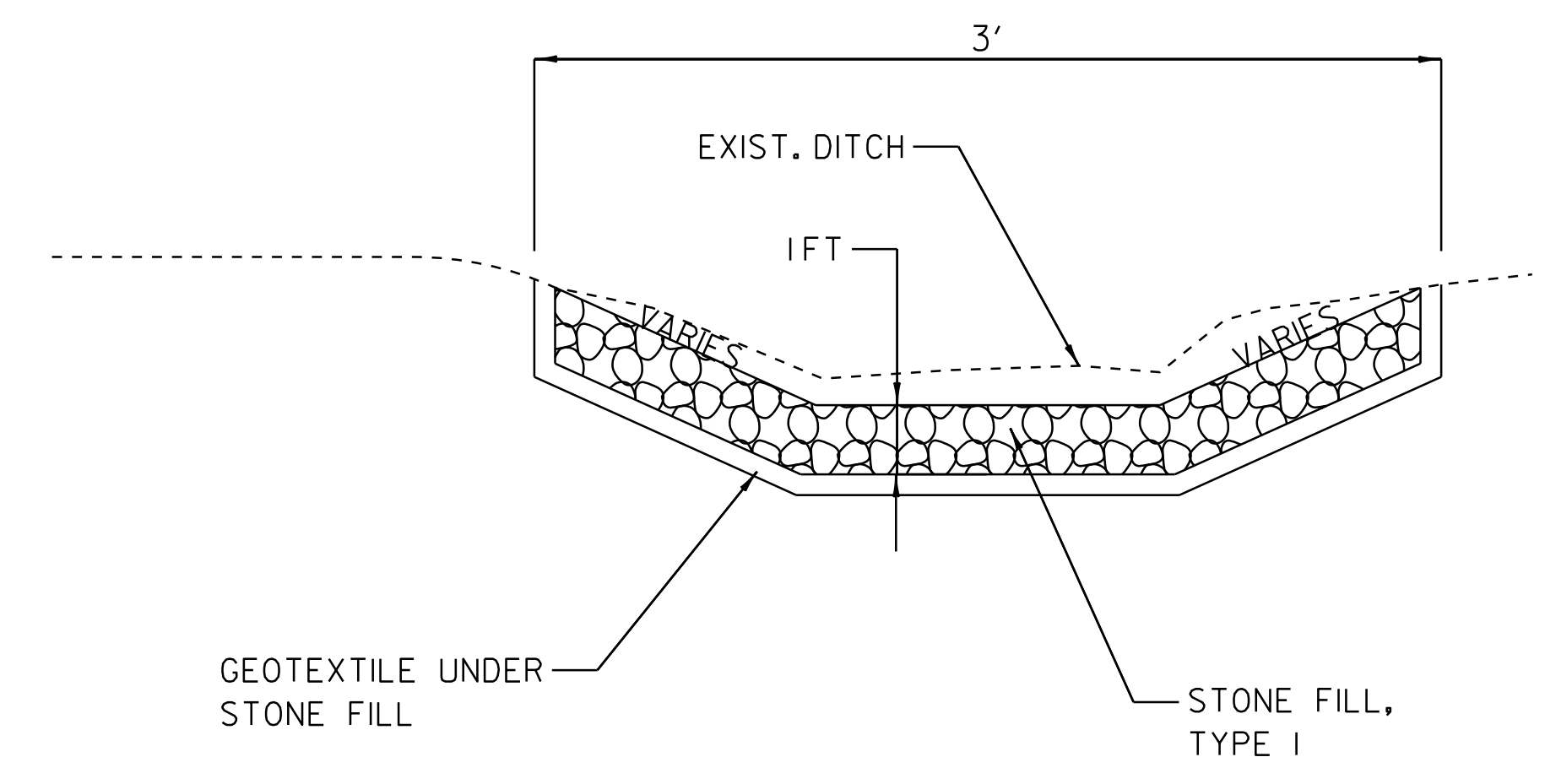


LOCATION			CURBED SIDEWALKS							DROP INLETS				GUARDRAIL						MISC		NON-PART		REMARKS			
STATION	STATION	POS.	203.15	301.28	616.21	616.305	616.40	618.10	618.11	618.30	604.40	604.412	604.415	604.418	621.20	621.205	621.21	621.50	621.60	621.80	676.10		616.47		604.42	629.20	
HARTFORD			(CY)	(TON)	(LF)	(LF)	(LF)	(SY)	(SY)	(SF)	(EA)	(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(EA)	(EA)	(LF)	(EA)		BIT. CONCRETE GUTTER & TRAFFIC ISLANDS (TON)	(EA)	(EA)		
WILDER STATE HIGHWAY																											
H 0+13	H 38+60	LT&RT	30.8	61.5								1	1	2										1		FOR LOCATIONS SEE LAYOUT SHEETS, ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.	
H 10+88.0	H 16+95.0	LT																									
H 11+25.5	H 16+68.0	LT	16+95												50	562.5		1									MTS, FLARED @ 10+88.0
H 16+68.0	H 16+95.0	LT													-37.5	-542.5											ATTACH TO EXISTING GUARDRAIL
H 11+50.0	H 16+95.0	LT				575																					
						-545.0																					
H 14+54.0	H 14+91.0	RT																									
H 14+53.5		RT																									
H 17+25.0	H 17+40.0	RT																									
H 17+25.0	H 17+40.0	RT																									
H 17+40.0	H 20+82.0	LT																									
H 17+77.5	H 20+40.0	LT																									
H 18+30.0	H 21+07.0	RT																									
H 18+68.5	H 20+68.5	RT																									
H 21+90.0	H 28+57.0	LT																									
H 21+90.0	H 28+27.5	LT	65																								
H 36+28.0	H 38+89.0	78RT																									
H 36+28.0	H 38+89.0	78RT																									
H 36+30.0	H 38+66.0	RT																									
US RTE 5																											
254+18.0	44+35.0	LT&RT	74.0	123.0							15	5	6	6										9.0	24	57	FOR LOCATIONS SEE LAYOUT SHEETS, ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
257+98.0	260+47.0	LT																									
258+00.0	260+47.0	LT																									
260+38.0	260+71.0	LT																									
261+48.0	261+54.0	LT&RT	8.5																								
			5.0																								
262+00.0	263+38.0	LT																									
262+00.0	263+37.5	LT																									
265+97.0	267+25.0	LT																									
265+98.0	267+23.0	LT																									
277+00.0	279+00.0	LT																									
277+00.0	279+00.0	LT																									
278+09.5	279+72.0	RT																									
278+10.0	279+72.0	RT																									
279+83.0	279+99.0	RT	3.52																								
			5.0	9.2	17.0		7.5	7.6	8.9	10.0																	
280+46.0	280+62.0	RT	5.0	9.2	17.0	8.4		7.6	10.6	10.0																	
288+25.0	288+41.0	RT	6.7	10.9	11.0			8.4	6.5	10.0																	
288+66.0	288+91.0	RT	8.8	10.9	14.4			11.5	6.5	10.0																	
293+42.0	293+71.0	RT	29.8	55.6	59.2	60		14.4	4.8	10.0																	
293+96.0	294+09.0	RT	5.0	9.2	17.0			7.6	4.6	10.0																	
295+65.0	295+80.0	RT	5.0	9.2	17.0	8.8		7.6	2.8	10.0																	
295+99.0	296+14.0	RT	5.0	5.4	9.2	17.0		7.6	11.4	10.0																	
297+41.0	297+46.0	RT	3.4	4.7	8.3			20.0	4.1	10.0																	
297+73.0	298+05.0	RT	28.1	44.6	75.3	40		22.2	26.0	10.0																	
			9.63																								
US 4 SUBTOTAL			211.6	360.8	271.3	814.0	15.0	72.3	30.1	100.0	15	6	7	8	2346.0	542.5		7	9	3130.0	7		9.0	25	57		
ITEM DETAIL SHEET 01			PROJECT NAME: HARTFORD / NORWICH																					PLOT DATE: \$DATE\$			
			PROJECT NUMBER: STP 2206(1)S																								
			FILE NAME: /pave/99c164/pci64										DRAWN BY: MRS														
			PROJECT LEADER: PTS										DESIGNED BY: NULL										CHECKED BY: PTS				
			IPARM FILE NAME: pci641d01.i										SHEET 22 OF 137														

LOCATION			CURBED SIDEWALKS							DROP INLETS				GUARDRAIL						MISC		NON-PART		REMARKS		
STATION	STATION	POS.	203.15	301.28	616.21	616.305	616.40	618.10	618.11	618.30	604.40	604.412	604.415	604.418	621.20	621.205	621.21	621.50	621.60	621.80	676.10		616.47		604.42	629.20
			COMMON EXCAV.	SUBBASE OF CRUSHED GRAV. FINE	VERTICAL GRANITE CURB	BIT. CONCRETE CURB TYPE A	REMOVING AND RESETTING CURB	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	DETECTABLE WARNING SURFACE	CHANGING ELEVATION OF D.I., CB, OR MH	REHAB. D.I., CB, OR MH CLASS I	REHAB. D.I., CB, OR MH CLASS II	REHAB. D.I., CB, OR MH CLASS III	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8 FT. POSTS	H.D. STEEL BEAM GUARDRAIL GALVANIZED	MTS, FLARED	ANCHOR FOR STEEL BEAM RAIL	REMOVE & DISP. G.R.	DEL IN. W/STEEL POST		BIT. CONCRETE GUTTER & TRAFFIC ISLANDS	CHANGE ELEVATION OF SMH	ADJUST ELEVATION OF VALVE BOX	
			(CY)	(TON)	(LF)	(LF)	(LF)	(SY)	(SY)	(SF)	(EA)	(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(EA)	(EA)	(LF)	(EA)		(TON)	(EA)	(EA)	
US RTE 5																										
314+67.0	314+72.0	LT	-4.7				-19.0	-3.8	6.4	10.0																CONSTRUCT CONCRETE PAD W/DETECTABLE WARNING SURFACE @ 314+70.0
314+69.0	314+75.0	RT	+1.7	1.2				-3.5	3.9	10.0																CONSTRUCT CONCRETE PAD W/DETECTABLE WARNING SURFACE @ 314+73 RT
318+64.0	318+70.0	LT	+3.3	3.67	-1.4			4.2	11.0	-18.0	-10															CONSTRUCT CONCRETE LANDING W/DETECTABLE WARNING SURFACE @ 318+69.0
318+65.0	319+77.5	RT												29						-112.5	100					ANCHOR @ 318+65.0, ANCHOR @ 319+77.5
318+65.0	319+77.5	RT												-116.5	62.5			2								
319+17.0	319+89.0	LT																		-72.0	75					
319+17.0	319+92.0	LT												79.0				2								ANCHOR @ 319+17.0, ANCHOR @ 319+92.0
322+52.0	326+77.0	RT																		-425.0	437.5					ANCHOR @ 322+52.0, ANCHOR @ 327+25.0
322+52.0	327+25.0	RT												-477.0	441.5			2								
332+15	326+89.5																									
331+39.5	332+40.0	RT												-102.5	29'			1								ANCHOR @ 331+39.5
332+20.0	332+65.0	RT																		-45.0						
332+40.0	332+65.0	RT															32.5	41.25								
333+08.75	333+21.25	RT															19.5		1							ANCHOR @ 333+21.25
333+02.0	333+20.0	RT																		-18.0						
332+88.0	333+06.75	LT															28.25		1							ANCHOR @ 332+88.0
333+01.0	333+13.0	LT																		-12.0						
333+50.0	333+75.5	LT															32.5	56.75								
333+50.0	333+96.0	LT												29						-46.0						
333+75.5	333+99.0	LT												-27.0				1								ANCHOR @ 333+99.0, TH 143
353+50.0	359+76.0	LT																		-760.5	737.5					
353+50.0	360+05.0	LT	72											104	637.5			2								ANCHOR @ 353+50.0, ANCHOR @ 360+05.0
359+78.0	360+05.0	LT												-97.0	-659.0			1			2					ANCHOR @ 359+78.0, TH 9
385+55.0	387+50.0	RT																		-195.0	187.5					
385+59.0	386+66.0	RT				107.0								152			1									
385+92.5	387+17.5	RT	67.5											-125.0			-2									MTS FLARED @ 385+55.0, MTS FLARED @ 387+55.0
386+68.0	387+46.0	RT				-78.0																				
386+53.0	387+78.0	LT	65.5			31								244						-125.0	112.5					
386+53.0	389+03.0	LT												-269.0	62.5			2								ANCHOR @ 386+53.0, SEE POST SPACING DETAIL ON SHEET 15, ANCHOR @ 389+03.0
42+60	44+35	LT				175 LF																				
SUBTOTAL SHEET 22			211.6	360.8	271.3	814.0	15.0	72.3	30.1	100.0	15	6	7	8	2346.0	542.5	0.0	7	9	3130.0	7		9.0	25	57	
SUBTOTAL SHEET 23			7.1	2.6	0.0	185.0	19.0	11.5	0.0	38.0	0	0	0	0	1293.0	659.0	112.75	2	15	1811.0	2		0.0	0	0	
ROUNDING			6.3	1.6	3.7	11.0	1.0	1.2	4.9	12.0	0	0	0	0	11.0	8.5	7.25	0	0	34.0	1		1.0	0	0	
TOTAL			225.0	365.0	275.0	1010.0	35.0	85.0	35.0	150.0	15	6	7	8	3650.0	1210.0	120.0	9	24	4975.0	10		10.0	25	57	

<b>ITEM DETAIL SHEET 02</b>	PROJECT NAME: HARTFORD / NORWICH	
	PROJECT NUMBER: STP 2206(I)S	
	FILE NAME: /pave/99c164/pcl64	PLOT DATE: \$DATE\$
	PROJECT LEADER: PTS	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: PTS
	IPARM FILE NAME: pcl641d02.i	SHEET 23 OF 137

LOCATION				FEET OF DITCHING			MISC. ITEMS				REMARKS	LOCATION				FEET OF DITCHING			MISC. ITEMS			REMARKS						
SITE	STATION	STATION	POS.	PERCENT GRADE			653.20	613.10	613.11	649.31		TEMP. EROS. MATT.	STONE FILL TYP. I	STONE FILL TYP. II	GEOT. UNDER STONE FILL	SITE	STATION	STATION	POS.	PERCENT GRADE			653.20	613.10	649.31			
				0-1	1-2.5	2.5-10	0-1	1-2.5	2.5-10	TEMP. EROS. MATT.										STONE FILL TYP. I	GEOT. UNDER STONE FILL		0-1	1-2.5	2.5-10	TEMP. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL
				LF	LF	LF	LF	LF	LF	LF										LF	LF		LF	LF	LF	LF	LF	LF
WILDER STATE HIGHWAY				LF	LF	LF	SY	CY	CY	SY									LF	LF	LF	SY	CY	SY				
1	H 0+25	H 3+86	RT		361		120.3																					
2	H 0+25	H 3+86	LT		361		120.3																					
3	H 29+53		RT			15		2.8																				
4	H 32+30		RT			5		0.6																				
5	H 32+70	H 33+04	RT								63.0	94.4	SLOPE STABILIZATION															
6	H 35+00		LT			5		0.5																				
7	H 36+28		RT			12		1.8																				
8	H 36+46		LT			6		0.8																				
9	H 38+67		RT			7		0.5																				
HARTFORD US ROUTE 5																												
10	264+00	277+20	LT		1320		440.0																					
11	283+00	288+30	LT		530		176.7																					
12	327+40	332+70	LT		530		176.7																					
13	346+40	352+70	RT		630		210.0																					
14	358+00	361+15	RT		315		105.0																					
15	376+00	378+00	RT		200		66.7																					
16	378+00	391+80	LT		1380		460.0																					
17	385+58		RT			5		0.4					1.1															
18	386+67		RT			5		0.4					1.1															
19	396+00	398+66	LT		266		88.7																					
NORWICH US ROUTE 5																												
20	0+00	5+30	LT		530		176.7																					
PROJECT SUBTOTALS							2141.1	7.8	63.0	117.2																		
ROUNDINGS							8.9	2.2	2.0	2.8																		
PROJECT TOTALS							2150.0	10.0	65.0	120.0																		



**DITCH DETAIL**

NOT TO SCALE

NOTES:

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

EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 1 AND 2.5 PERCENT AND STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE GREATER THAN 2.5 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER.

DITCH CLEANING SHEET

PROJECT NAME:	HARTFORD - NORWICH	PLOT DATE:	14-FEB-2012 15:49
PROJECT NUMBER:	STP 2206(1)S	DRAWN BY:	MRS
FILE NAME:	/pave/99cl64/pcl64	DESIGNED BY:	NLL
PROJECT LEADER:	PTS	CHECKED BY:	NLL
IPARM FILE NAME:	pcl64dc01.i	SHEET	24 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 0+01 TO H 3+00 SOLID LT  
 STA H 0+34 TO H 3+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 0+18 TO H 3+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA H 0+26 LT - " STOP"

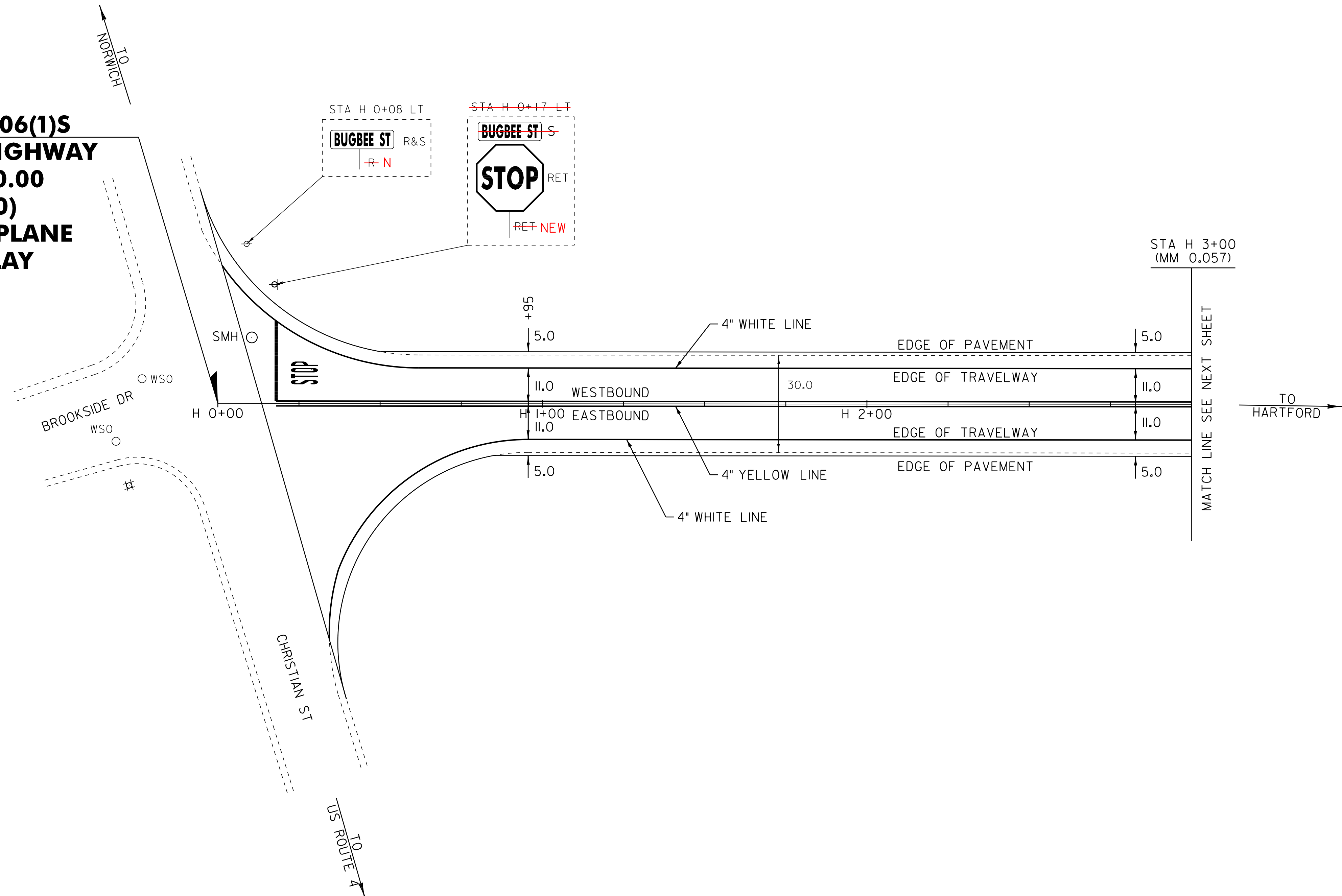
TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA H 0+18 LT

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA H 0+10 LT

REMOVING SIGNS  
 AS SHOWN - 1

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

**BEGIN STP 2206(1)S  
 WILDER STATE HIGHWAY  
 STA H 0+00.00  
 (MM 0.000)  
 BEGIN COLD PLANE  
 AND OVERLAY**



**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- EXISTING GUARDRAIL
- PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

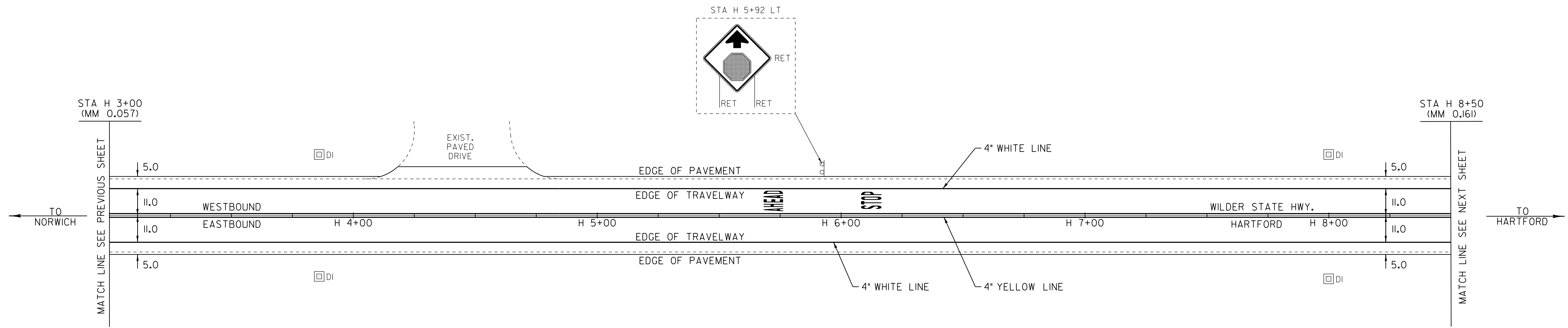
NOT TO SCALE

<b>PAVING LAYOUT 1</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99c164/pcl64	PLOT DATE: 14-FEB-2012 15:49
	PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pcl64la01.i	SHEET 25 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 3+00 TO H 8+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 3+00 TO H 8+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA H 5+72 LT - "AHEAD"  
 STA H 6+12 LT - "STOP"



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT 2</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:49	
PROJECT LEADER: PTS	DRAWN BY: MRS	
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pci64la02.i	SHEET 26 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 8+50 TO H 14+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 8+50 TO H 14+00 SOLID LT & RT

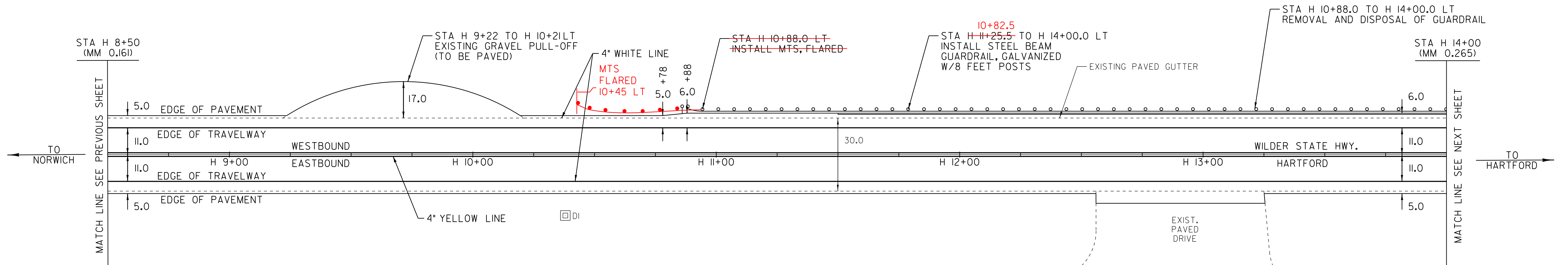
REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA H 10+88.0 TO H 14+00.0 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS  
 STA H ~~11+25.5~~ TO H 14+00.0 LT  
 10+82.5

MANUFACTURED TERMINAL SECTION, FLARED  
 DELINEATOR WITH STEEL POST  
~~STA H 10+88.0 LT~~  
 STA 10+45 LT

BITUMINOUS CONCRETE CURB, TYPE A  
 STA H 11+~~50~~ TO H 14+00 LT  
 22

NOTE:  
 1. H 11+90 TO H 14+00 LT  
 LEVEL SHOULDER WITH 2" TYPE IVS  
 PRIOR TO ROADWAY LEVELING.



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT 3</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:49
	PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pci64la03.1		SHEET 27 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
DURABLE 4" WHITE LINE, THERMOPLASTIC

STA H 14+00 TO H 17+02 SOLID LT  
STA H 14+00 TO H 17+33 SOLID RT  
STA H 17+20 TO H 18+50 SOLID LT  
STA H 17+49 TO H 18+50 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
DURABLE 4" YELLOW LINE, THERMOPLASTIC  
STA H 14+00 TO H 17+10 SOLID LT & RT  
STA H 17+50 TO H 18+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
STA H 17+11 LT - "STOP" ( I-91 RAMP D)

TEMPORARY 24" STOP BAR, PAINT  
DURABLE 24" STOP BAR, THERMOPLASTIC  
STA H 16+91 TO H 17+30 LT ( I-91 RAMP D)

REMOVAL AND DISPOSAL OF GUARDRAIL

STA H 14+00.0 TO H 16+95.0 LT  
STA H 14+54.0 TO H 14+91.0 RT  
~~STA H 17+25.0 TO H 17+40.0 RT~~  
STA H 17+40.0 TO H 18+50.0 LT  
STA H 18+31.0 TO H 18+50.0 RT

STEEL BEAM GUARDRAIL, GALVANIZED

STA H 16+68.0 TO H 16+95.0 LT  
~~STA H 17+25.0 TO H 17+40.0 RT~~  
STA H 17+77.5 TO H 18+50.0 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS

STA H 14+00.0 TO H ~~16+68.0~~ **16+45** LT

MANUFACTURED TERMINAL SECTION, FLARED  
DELINEATOR WITH STEEL POST

STA H 14+53.5 RT  
STA H 17+40.0 LT  
STA H 18+31.0 RT

~~ANCHOR FOR STEEL BEAM RAIL~~

~~STA H 17+40.0 RT~~

REHAB DROP INLETS, CATCH BASINS,  
OR MANHOLES, CLASS I, CLASS II OR CLASS III

STA H 16+23 LT (CB)

BITUMINOUS CONCRETE CURB, TYPE A

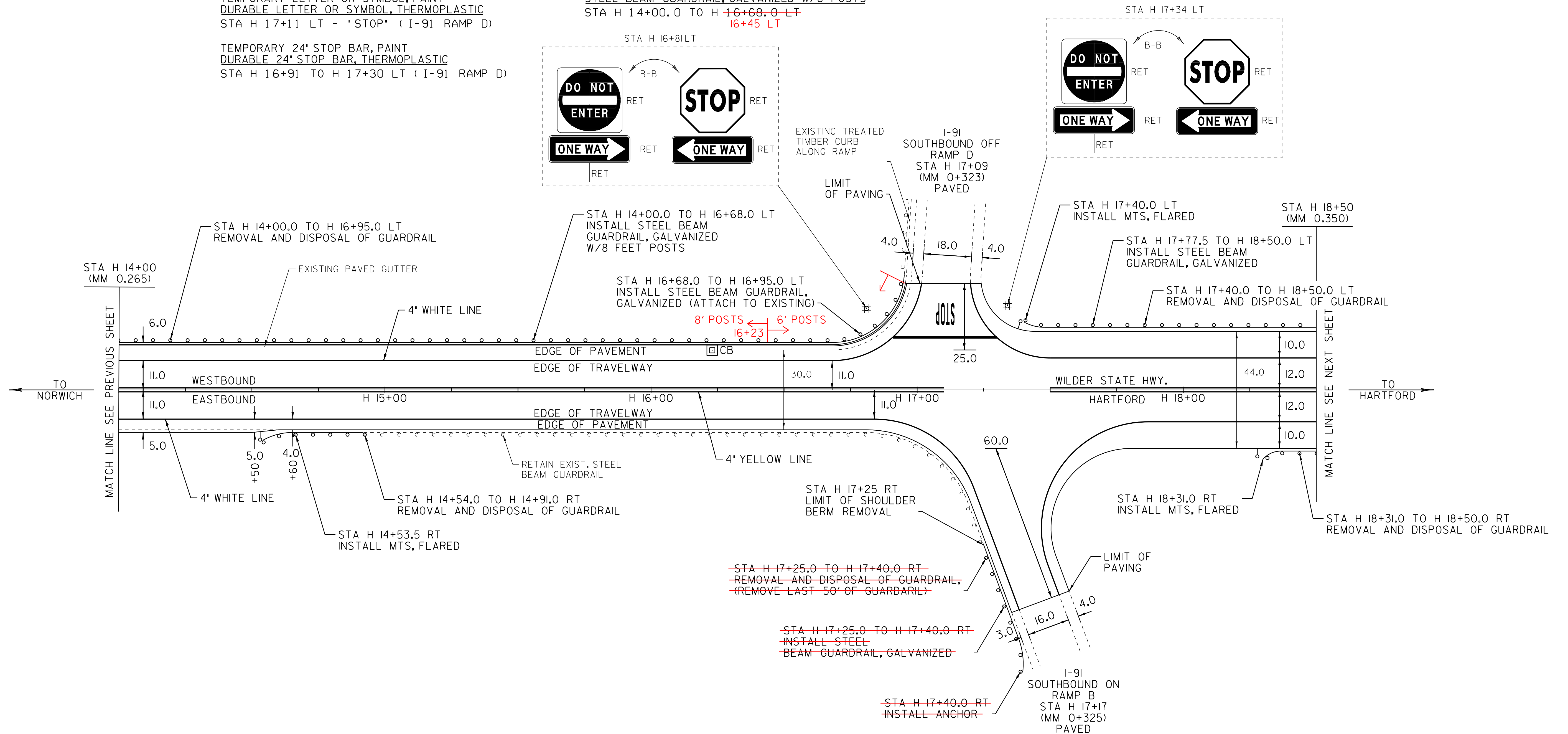
STA H 14+00 TO H 16+95 LT

SHOULDER BERM REMOVAL

STA H 14+54 TO H 17+25 RT

NOTE:

1. H 14+00 TO H 16+96 LT  
LEVEL SHOULDER WITH 2" TYPE IVS  
PRIOR TO ROADWAY LEVELING.



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 4</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:49
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NULL
	PROJECT LEADER: PTS	SHEET 28 OF 137
	DESIGNED BY: NULL	
	IPARM FILE NAME: pci64la04.i	

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA H 18+50 TO H 21+57 SOLID LT  
 STA H 18+50 TO H 21+88 SOLID RT  
 STA H 21+72 TO H 24+00 SOLID LT  
 STA H 22+04 TO H 24+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA H 18+50 TO H 21+65 SOLID LT & RT  
 STA H 22+05 TO H 24+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA H 21+96 RT - "STOP" ( I-91 RAMP A)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC

STA H 21+82 TO H 22+08 RT ( I-91 RAMP A)

REMOVAL AND DISPOSAL OF GUARDRAIL

STA H 18+50.0 TO H 20+82.0 LT  
 STA H 18+50.0 TO H 21+07.0 RT  
 STA H 21+90.0 TO H 24+00.0 LT  
 22+15 TO 22+75 RT

STEEL BEAM GUARDRAIL, GALVANIZED

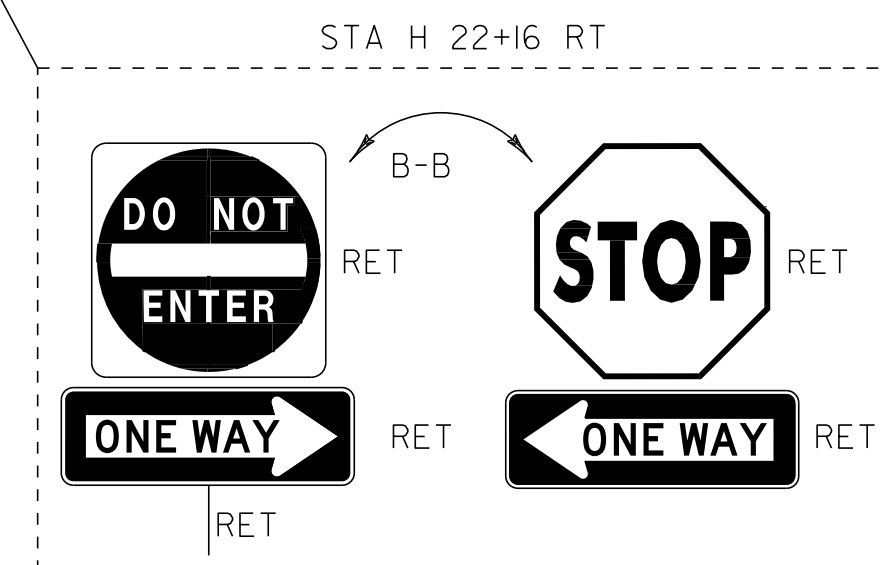
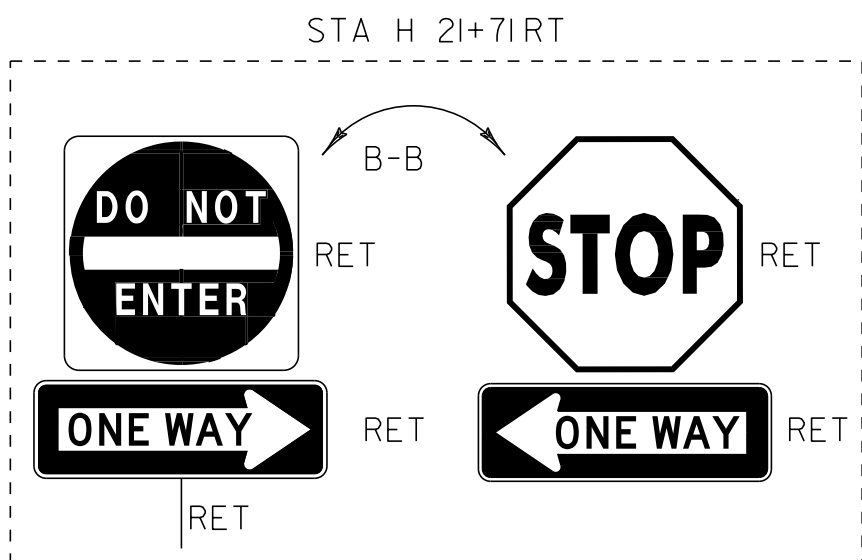
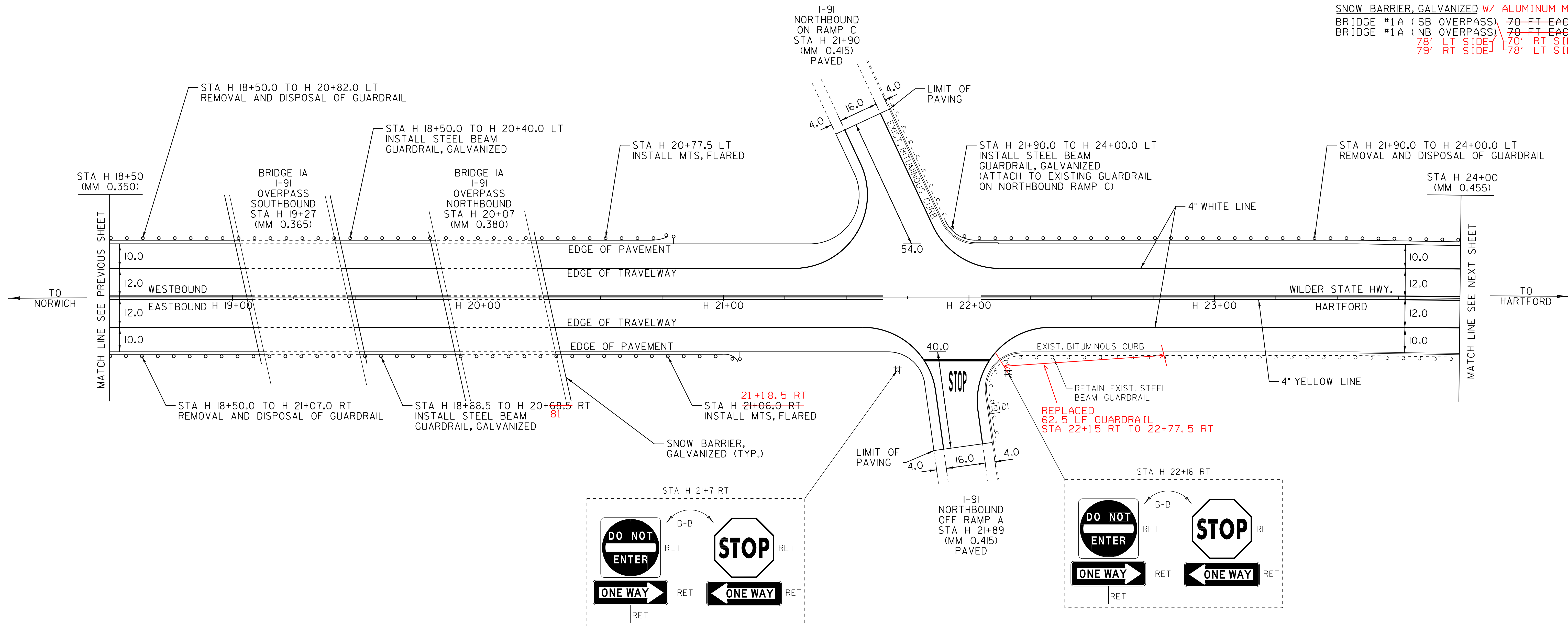
STA H 18+50.0 TO H 20+40.0 LT  
 STA H 18+68.5 TO H 20+68.5 RT<sup>81</sup>  
 STA H 21+90.0 TO H 24+00.0 LT  
 22+15 TO 22+77.5 RT

MANUFACTURED TERMINAL SECTION, FLARED  
 DELINEATOR WITH STEEL POST

STA H 20+77.5 LT  
 STA H 21+06.0 RT 21+18.5 RT

SNOW BARRIER, GALVANIZED W/ ALUMINUM MESH

BRIDGE #1A ( SB OVERPASS) 70 FT EACH SIDE  
 BRIDGE #1A ( NB OVERPASS) 70 FT EACH SIDE  
 78' LT SIDE 70' RT SIDE  
 79' RT SIDE 78' LT SIDE



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- EXISTING GUARDRAIL
- PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 5</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pci64la05.i	SHEET 29 OF 137

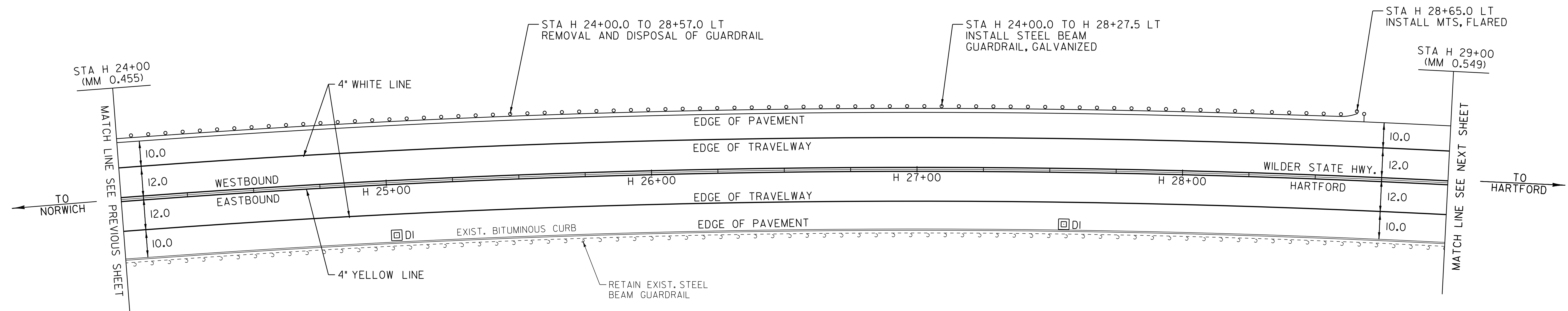
TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 24+00 TO H 29+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 24+00 TO H 29+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA H 24+00.0 TO H 28+57.0 LT  
 STEEL BEAM GUARDRAIL, GALVANIZED  
 STA H 24+00.0 TO 28+27.5 LT

MANUFACTURED TERMINAL SECTION, FLARED  
 DELINEATOR WITH STEEL POST  
 STA 28+65.0 LT

REHAB. DROP INLETS, CATCH BASINS  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA H 25+03 RT (DI)  
 STA H 27+56 RT (DI)



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ⚡ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 6</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 30 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pci64la06.i	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 29+00 TO H 34+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 29+00 TO H 34+50 SOLID LT & RT

SHOULDER BERM REMOVAL  
 STA H 29+55 TO H 34+50 RT  
 STA H 34+06 TO H 34+50 LT  
 00

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA H 30+80 RT - "STOP"  
 STA H 31+20 RT - "AHEAD"

~~STONE FILL, TYPE I~~  
~~STA H 29+53 RT~~  
~~STA H 32+30 RT~~

STONE FILL, TYPE II  
 STA H 32+70 TO H 33+04 RT (25' WIDE)

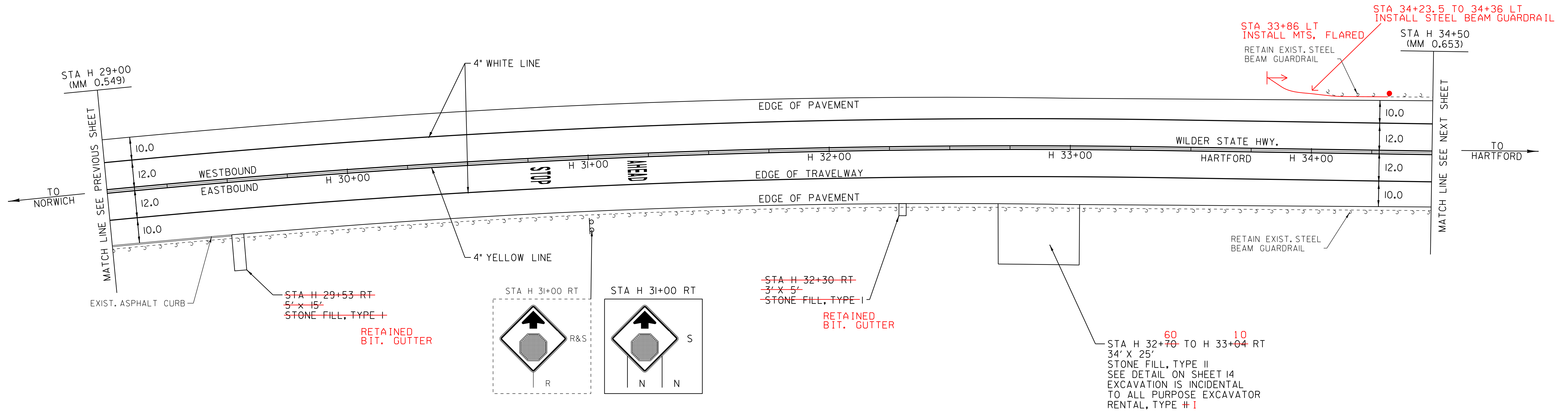
REMOVING SIGNS  
 AS SHOWN - 1

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

REMOVAL & DISPOSAL OF GUARDRAIL  
 33+98.5 - 34+36 LT

STEEL BEAM GUARDRAIL, GALV.  
 STA 34+23.5 - 34+36 LT

MANUFACTURED TERMINAL SECTION, FLARED  
 33+86 LT



NOT TO SCALE

LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 7</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
FILE NAME: /pave/99cl64/pci64	DESIGNED BY: NULL	CHECKED BY: NULL
IPARM FILE NAME: pci64la07.i		SHEET 31 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 34+50 TO H 37+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 34+50 TO H 36+35 SOLID LT & RT  
 STA H 36+35 TO H 37+50 DOUBLE SOLID LT & RT

DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA H 36+35 TO H 37+50 SOLID LT & RT (GORE)

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA H ~~36+28.0~~ TO H 37+50.0 RT  
 35+63

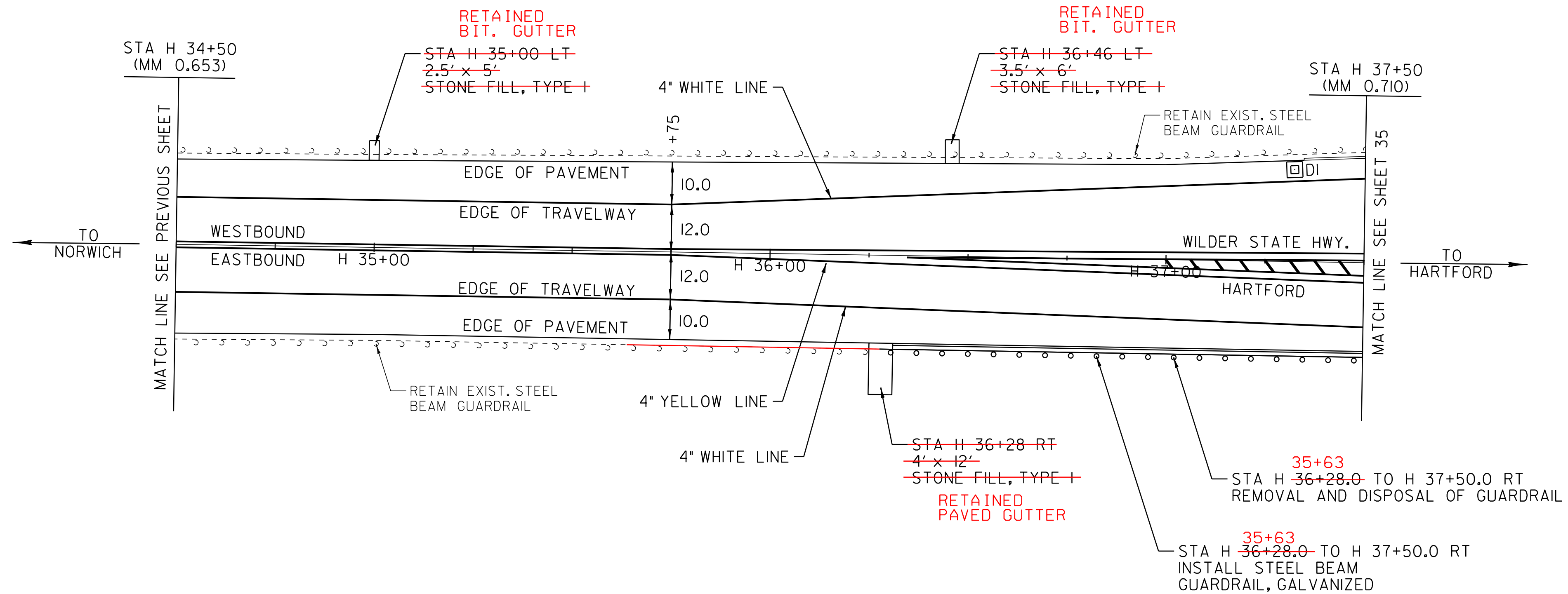
STEEL BEAM GUARDRAIL, GALVANIZED  
 STA H ~~36+28.0~~ TO H 37+50.0 RT  
 35+63

CHANGE ELEV  
~~REHAB DROP~~ INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA H 37+32 LT (DI)

~~STONE FILL, TYPE I~~  
~~STA H 35+00 LT~~  
~~STA H 36+28 RT~~  
~~STA H 36+46 LT~~

BITUMINOUS CONCRETE CURB, TYPE A  
 STA 36+30 TO 37+50 RT  
 28

SHOULDER BERM REMOVAL 10  
 STA H 34+50 TO H 37+30 LT  
 STA H 34+50 TO H 36+25 RT  
 28



LEGEND

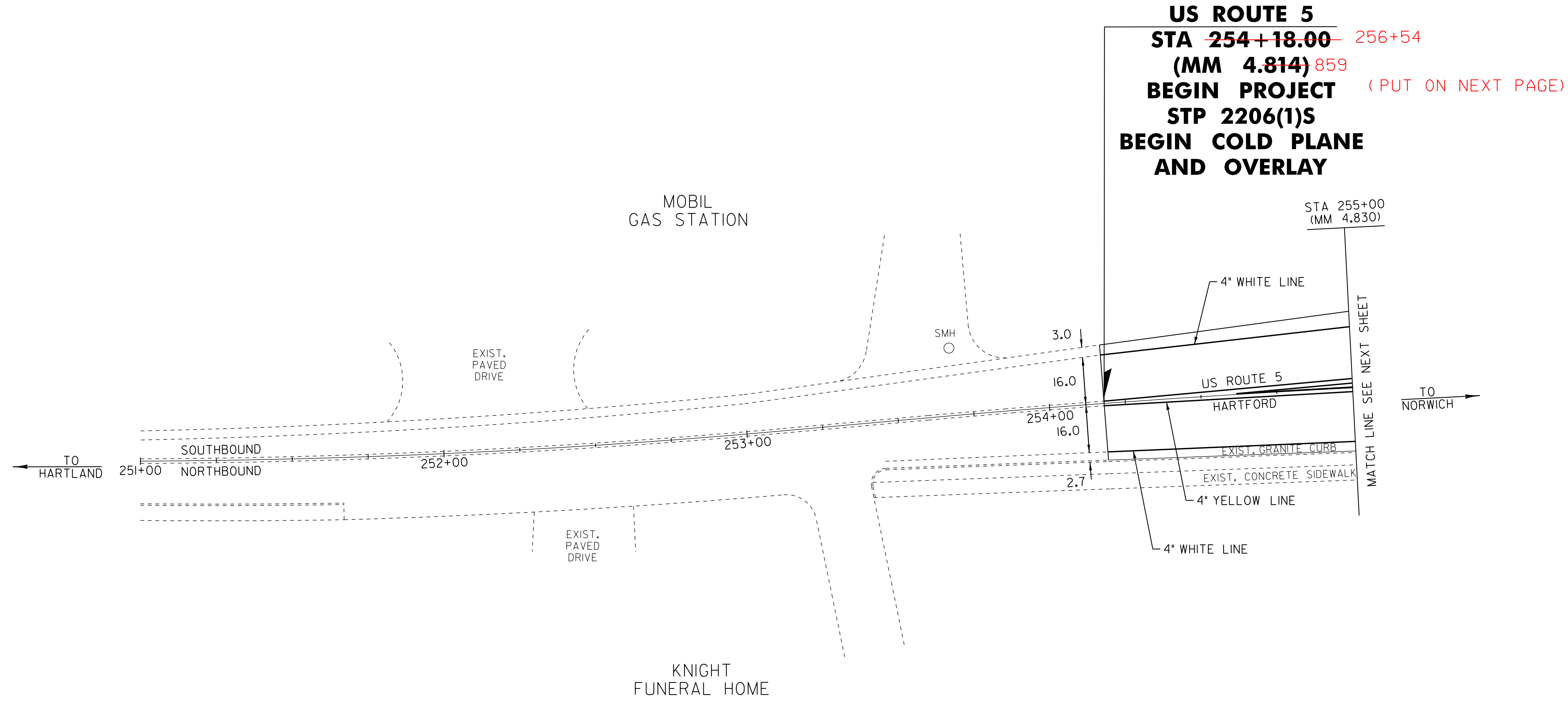
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 8</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(I)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pcl64	CHECKED BY: NULL
	DESIGNED BY: NULL	SHEET 32 OF 137

~~TEMPORARY 4" WHITE LINE, PAINT~~  
~~DURABLE 4" WHITE LINE, THERMOPLASTIC~~  
~~STA 254+18 TO 255+00 SOLID LT & RT~~

~~TEMPORARY 4" YELLOW LINE, PAINT~~  
~~DURABLE 4" YELLOW LINE, THERMOPLASTIC~~  
~~STA 254+18 TO 254+62 SOLID LT & RT~~  
~~STA 254+62 TO 255+00 DOUBLE SOLID LT & RT~~



**US ROUTE 5**  
~~STA 254+18.00~~ 256+54  
 (MM 4.814) 859  
**BEGIN PROJECT** (PUT ON NEXT PAGE)  
**STP 2206(1)S**  
**BEGIN COLD PLANE**  
**AND OVERLAY**

**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 9</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pci64la09.i	SHEET 33 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 256+54 STA ~~255+00~~ TO 259+50 SOLID LT & RT  
 STA 256+60 TO 259+50 DASHED LT  
 STA 257+32 TO 258+75 DOTTED RT  
 STA 257+50 TO 259+50 DASHED RT  
 STA 258+75 TO 259+50 SOLID RT LANE LINE

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 256+54 STA ~~255+00~~ TO 256+57 DOUBLE SOLID LT  
 256+54 STA ~~255+00~~ TO 256+70 DOUBLE SOLID RT  
 STA 256+57 TO 259+50 SOLID LT ( ISLAND)  
 STA 256+70 TO 259+50 SOLID LT ( ISLAND)

~~DURABLE 8" YELLOW LINE, THERMOPLASTIC~~  
~~STA 255+00 TO 256+56 SOLID LT (GORE)~~

TEMPORARY LETTER OR SYMBOL, PAINT  
 STA 259+25 LT - LEFT TURN ARROW

DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 258+79 LT - " ONLY"  
 STA 259+25 LT - LEFT TURN ARROW

PAINTED CURB  
 STA 256+57 TO 256+87 LT ( ISLAND)  
 STA 256+57 TO 256+87 LT ( ISLAND)  
 STA 258+45 TO 259+05 LT ( ISLAND)

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 258+00.0 TO 259+50.0 LT

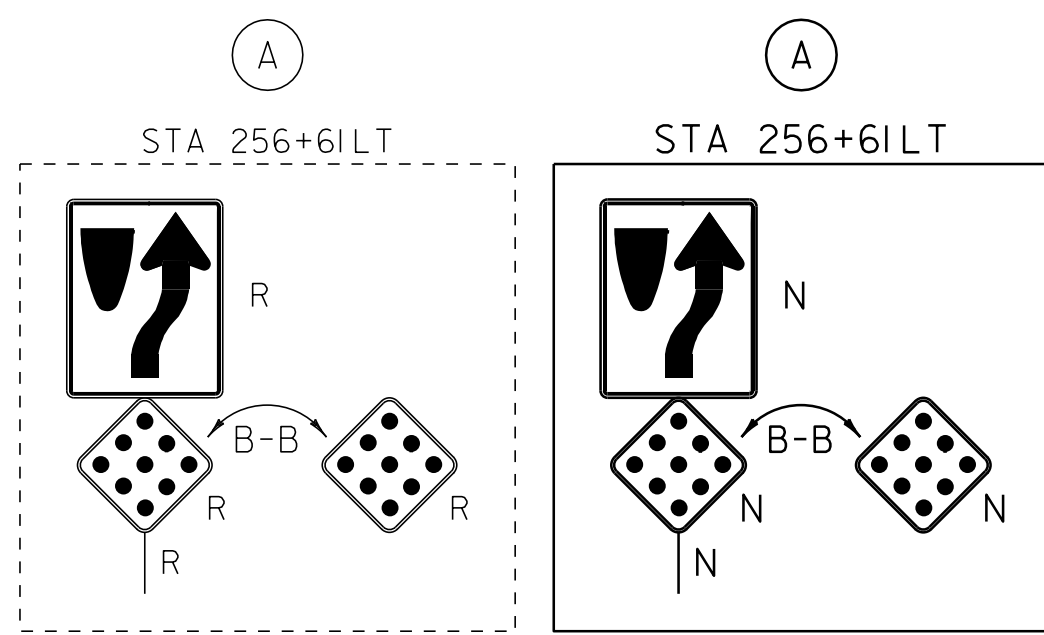
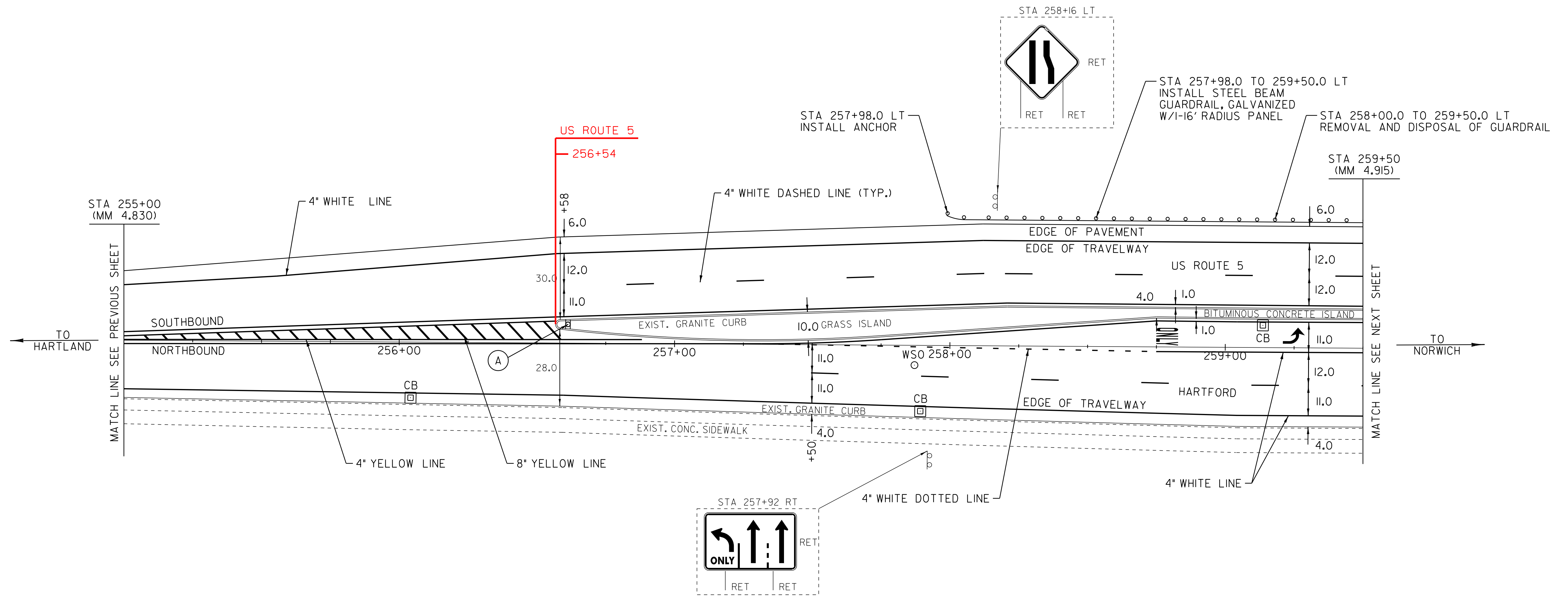
STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 257+98.0 TO 259+50.0 LT

ANCHOR FOR STEEL BEAM RAIL  
 STA 257+98.0 LT

REHAB DROP INLETS, CATCH BASINS  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 256+04 RT ( CB)  
 STA 257+89 RT ( CB)  
 STA 259+14 LT ( CB)

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 257+87 RT

REMOVING SIGNS  
 AS SHOWN - 3



NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
  - S = SALVAGE
  - R&S = REMOVE AND SALVAGE
  - N = NEW
  - RET = RETAIN
  - B-B = BACK TO BACK
  - EXISTING GUARDRAIL
  - PROPOSED GUARDRAIL
  - ↑ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 10</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 34 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA H 37+50 TO H 38+75 SOLID RT  
 STA H 37+50 TO H 38+22 SOLID LT  
 STA 259+50 TO 260+69 SOLID LT  
 STA 259+50 TO 265+00 SOLID RT  
 STA 259+50 TO 260+71 DASHED LT  
 STA 259+50 TO 260+73 DASHED RT  
 STA 259+50 TO 260+91 SOLID RT LANE LINE  
 STA 261+22 TO 264+76 DASHED RT  
 STA 261+75 TO 264+64 DASHED LT  
 STA 261+83 TO 265+00 SOLID LT

DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA H 37+50 TO H 37+73 SOLID LT & RT (GORE)  
 STA 264+77 TO 265+00 SOLID LT & RT (GORE)  
 TEMPORARY LETTER OR SYMBOL, PAINT  
 STA H 38+43 RT - "STOP"  
 STA 260+69 LT - LEFT TURN ARROW  
 STA 261+82 LT - THRU/RIGHT TURN ARROW  
 STA 264+58 LT - THRU/RIGHT TURN ARROW

DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA H 38+43 RT - "STOP"  
 STA 260+24 LT - "ONLY"  
 STA 260+69 LT - LEFT TURN ARROW  
 STA 261+82 LT - THRU/RIGHT TURN ARROW  
 STA 262+74 LT - THRU/RIGHT TURN ARROW  
 STA 263+66 LT - THRU/RIGHT TURN ARROW  
 STA 264+58 LT - THRU/RIGHT TURN ARROW

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA H 38+50 TO H 38+54 RT

PAINTED CURB  
 STA H 37+73 TO H 38+51 LT (ISLAND)  
 STA H 37+73 TO H 38+51 RT (ISLAND)  
 STA 260+45 TO 260+75 LT (ISLAND)  
 STA 260+45 TO 260+75 LT (ISLAND)  
 STA 261+48 TO 261+78 RT (ISLAND)  
 STA 261+48 TO 261+78 LT (ISLAND)  
 STA 264+46 TO 264+76 LT (ISLAND)  
 STA 264+46 TO 264+76 RT (ISLAND)

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA H 37+50.0 TO H 38+89.0 RT  
 STA 259+50.0 TO 260+47.0 LT  
 STA 262+00.0 TO 263+38.0 LT  
 261+25 37+90 - 38+50 LT  
 STEEL BEAM GUARDRAIL, GALVANIZED  
 STA H 37+50.0 TO H 38+89.0 RT  
 STA 259+50.0 TO 260+47.0 LT  
 STA 262+00.0 TO 263+37.5 LT  
 37+90 - 38+50 LT  
 ANCHOR FOR STEEL BEAM RAIL  
 STA 263+37.5 LT

REMOVING SIGNS  
 AS SHOWN - 13  
 ERECTING SALVAGED SIGNS  
 AS SHOWN - 5

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA H 37+50 TO H 37+73 DOUBLE SOLID LT & RT  
 STA H 37+73 TO H 38+52 SOLID LT & RT (ISLAND)  
 STA 259+50 TO 260+76 SOLID LT (ISLAND)  
 STA 259+50 TO 260+76 SOLID LT (ISLAND)  
 STA 261+47 TO 264+77 SOLID LT (ISLAND)  
 STA 261+47 TO 264+77 SOLID RT (ISLAND)  
 STA 264+77 TO 265+00 DOUBLE SOLID RT  
 STA 264+77 TO 265+00 DOUBLE SOLID LT

REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 261+57 RT (CB)

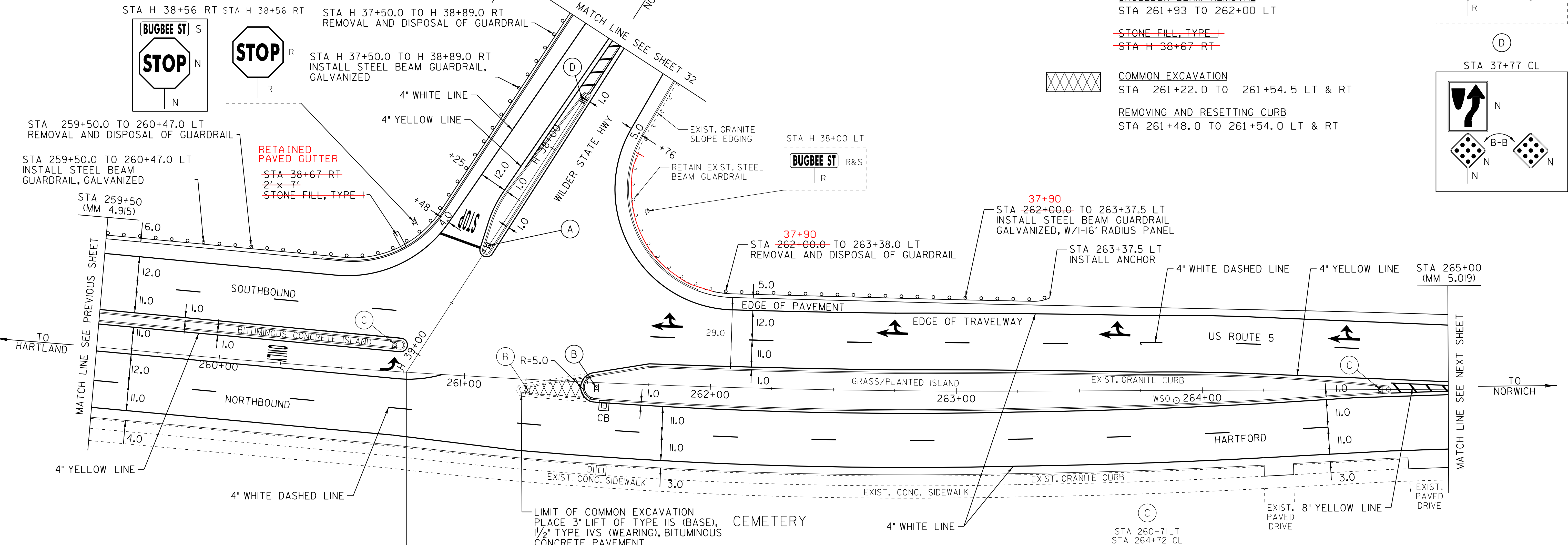
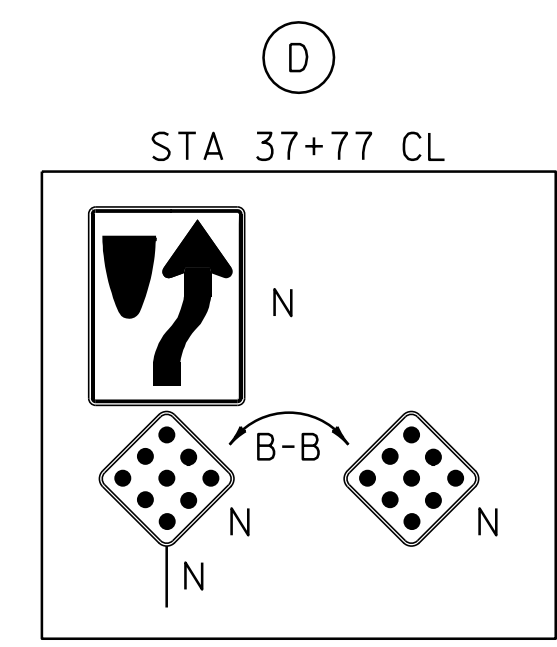
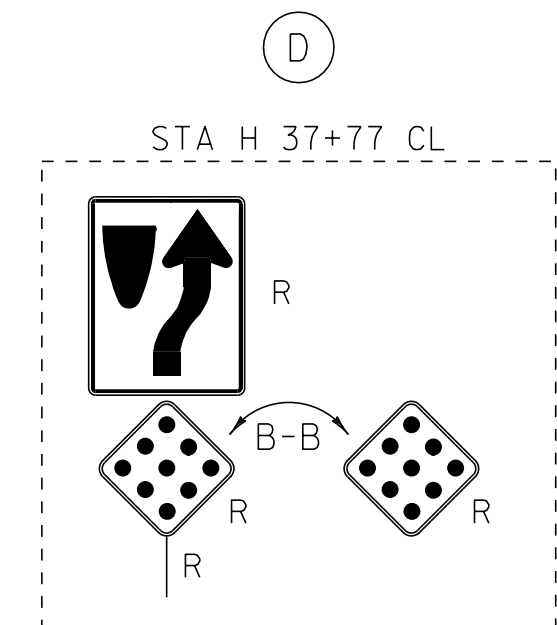
BITUMINOUS CONCRETE CURB, TYPE A  
 STA H 37+50 TO H 38+66 RT  
 STA 260+38 TO 260+71 LT

SHOULDER BERM REMOVAL  
 STA 261+93 TO 262+00 LT

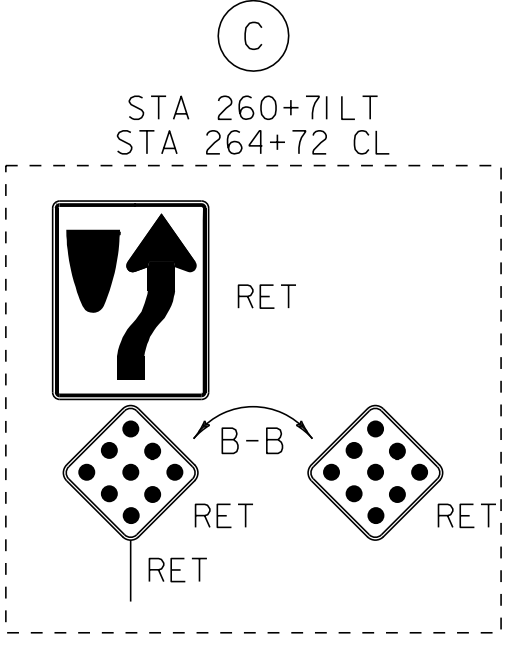
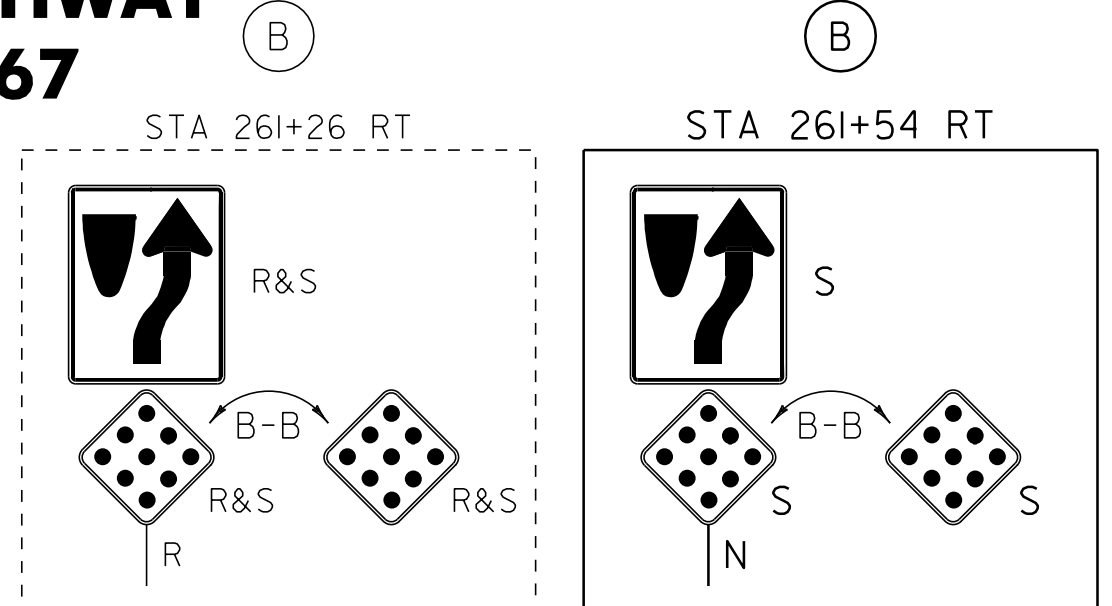
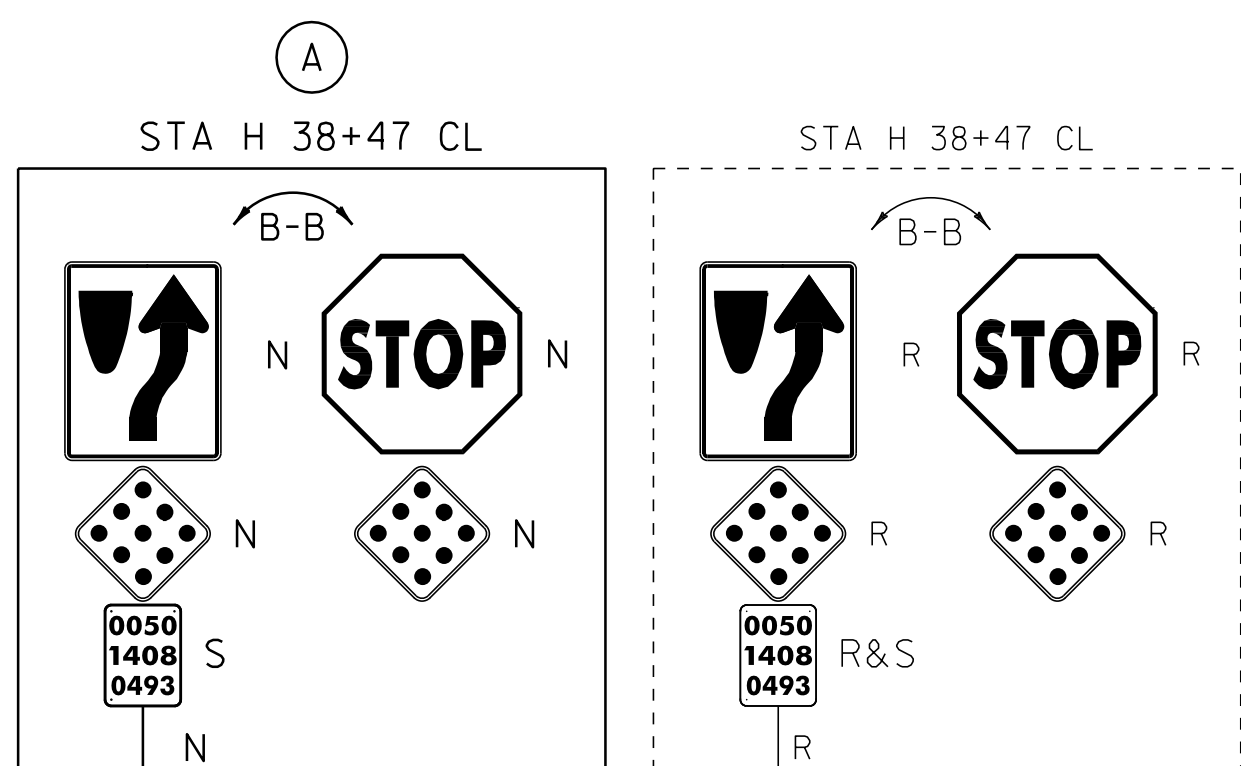
~~STONE FILL, TYPE I~~  
~~STA H 38+67 RT~~

COMMON EXCAVATION  
 STA 261+22.0 TO 261+54.5 LT & RT

REMOVING AND RESETTING CURB  
 STA 261+48.0 TO 261+54.0 LT & RT



**END STP 2206(1)S  
 WILDER STATE HIGHWAY  
 STA H 39+08.67  
 (MM 0.740)**



NOTE:  
 STA 264+25 TO 265+00 RT  
 PAVE TO FACE OF CURB  
 OR EXIST. CONCRETE SIDEWALK.

- LEGEND
- R = REMOVE EXISTING
  - S = SALVAGE
  - R&S = REMOVE AND SALVAGE
  - N = NEW
  - RET = RETAIN
  - B-B = BACK TO BACK
  - = EXISTING GUARDRAIL
  - - - = PROPOSED GUARDRAIL
  - ∩ = TYPE I DELINEATOR, WHITE

**PAVING LAYOUT SHEET 11**

PROJECT NAME: HARTFORD-NORWICH  
 PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pci64  
 PROJECT LEADER: PTS  
 DESIGNED BY: NLL  
 IPARM FILE NAME: pci64lall.i

PLOT DATE: 14-FEB-2012 15:50  
 DRAWN BY: MRS  
 CHECKED BY: NLL  
 SHEET 35 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 265+00 TO 270+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 265+00 TO 265+31 DOUBLE SOLID LT & RT  
 STA 265+31 TO 270+50 SOLID LT & RT

DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA 265+00 TO 265+31 SOLID LT & RT (CORE)

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 265+97.0 TO 267+25.0 LT

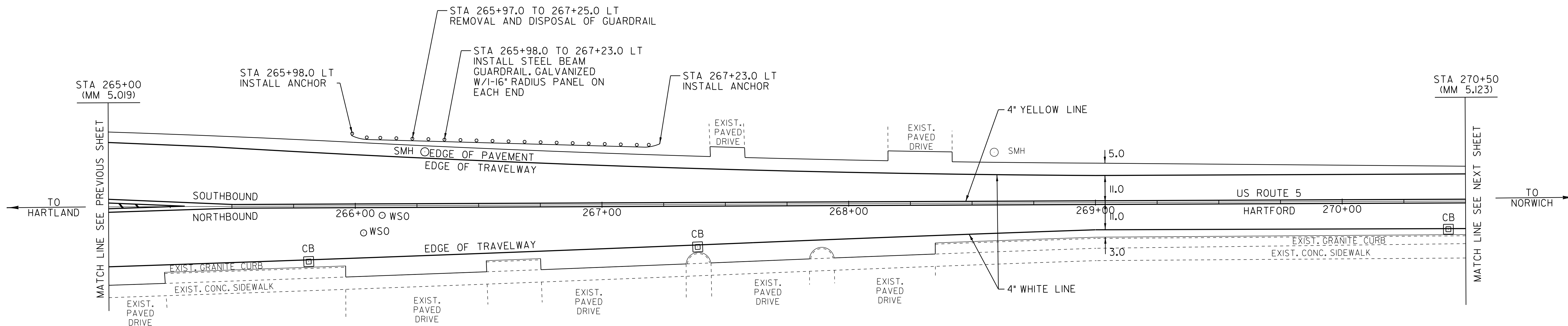
STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 265+98.0 TO 267+23.0 LT

ANCHOR FOR STEEL BEAM RAIL  
 STA 265+98.0 LT  
 STA 267+23.0 LT

REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 265+81 RT (CB) (D GRATE)  
 STA 267+39 RT (CB) (E GRATE)  
 STA 270+43 RT (CB) (E GRATE)

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 266+03 RT  
 STA 266+11 RT

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 266+28 LT



CUMBERLAND FARM  
 GAS STATION

NOTE:  
 STA 265+00 TO 268+35 RT  
 PAVE TO FACE OF CURB OR  
 EXIST. CONCRETE SIDEWALK.

LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 12</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NLL	CHECKED BY: NLL
	IPARM FILE NAME: pci64l2.i	SHEET 36 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 270+50 TO 270+80 SOLID LT  
 STA 270+50 TO 276+00 SOLID RT  
 STA 271+60 TO 276+00 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 270+50 TO 271+00 SOLID LT & RT  
 STA 271+20 DOUBLE SOLID LT (TH 252)  
 STA 271+40 TO 276+00 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 270+99 TO 271+19 LT (TH 252)

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 271+12 LT - "STOP" (TH 252)

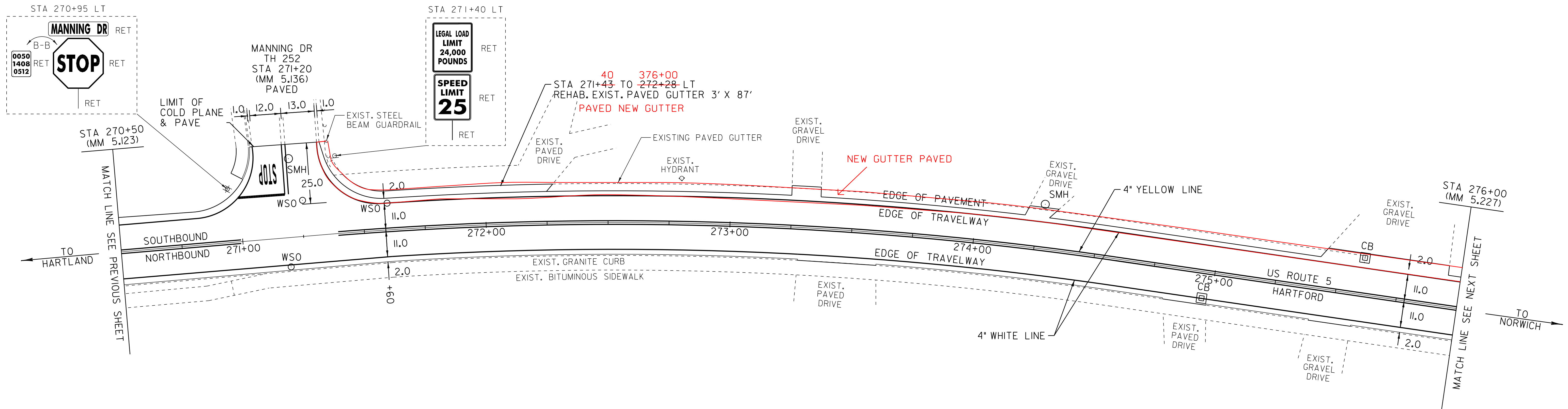
REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 274+96 RT (CB) (D GRATE)  
 STA 275+60 LT (CB) (D GRATE)

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 271+22 LT (TH 252)  
 STA 274+27 LT

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 271+19 RT  
 STA 271+26 LT  
 STA 271+60 LT

BITUMINOUS CONCRETE  
 GUTTERS AND TRAFFIC ISLANDS  
 STA 271+43 TO ~~272+28~~ LT  
~~40~~ ~~276+00~~

THINNING AND TRIMMING FOR SIGNS  
 STA 271+40 LT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- ⊕ = EXISTING GUARDRAIL
- ⊕ = PROPOSED GUARDRAIL
- ⊕ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 13</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64lcl3.i	SHEET 37 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
DURABLE 4" WHITE LINE, THERMOPLASTIC

STA 276+00 TO 279+52 SOLID LT  
STA 276+00 TO 279+93 SOLID RT  
STA 279+83 TO 281+00 SOLID LT  
STA 280+04 TO 280+13 SOLID RT (TH 91)  
STA 280+39 TO 280+43 SOLID RT (TH 91)  
STA 280+51 TO 281+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA 276+00 TO 279+40 SOLID LT & RT  
STA 279+60 DOUBLE SOLID LT (TH 33)  
STA 279+80 TO 280+05 SOLID LT & RT  
STA 280+25 DOUBLE SOLID RT (TH 91)  
STA 280+45 TO 281+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA 279+48 LT - "STOP" (TH 33)  
STA 280+32 RT - "STOP" (TH 91)

**BITUMINOUS GUTTER**  
276+00 - 276+51 LT

**BITUMINOUS SIDEWALK**  
278+75 - 279+80 RT

TEMPORARY 24" STOP BAR, PAINT  
DURABLE 24" STOP BAR, THERMOPLASTIC

STA 279+31 TO 279+60 LT (TH 33)  
STA 280+26 TO 280+40 RT (TH 91)

TEMPORARY CROSSWALK MARKING, PAINT  
DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA 280+01 TO 280+45 RT (TH 91)

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
STA 279+83 TO 279+99 RT (RAMP TYPE 1)  
STA 280+46 TO 280+62 RT (RAMP TYPE 1)

VERTICAL GRANITE CURB

STA 279+83 TO 279+99 RT  
~~STA 280+46 TO 280+62 RT~~

INSTALLED BY TOWN

DETECTABLE WARNING SURFACE

STA 279+95 RT  
STA 280+51 RT

REMOVAL AND DISPOSAL OF GUARDRAIL

STA 277+00.0 TO 279+00.0 LT  
STA 278+10.0 TO 279+72.0 RT

STEEL BEAM GUARDRAIL, GALVANIZED

STA 277+00.0 TO 279+00.0 LT 12.5  
~~STA 278+09.5 TO 279+72.0 RT~~  
278+47 - 279+84.5 RT

ANCHOR FOR STEEL BEAM RAIL

STA 277+00.0 LT  
STA 278+09.5 RT  
STA 279+00.0 LT 12.5  
STA 279+72.0 RT  
279+84.5

REHAB. DROP INLETS, CATCH BASINS,  
OR MANHOLES, CLASS I, CLASS II OR CLASS II

STA 276+35 LT (CB)  
STA 278+70 RT (CB)  
279+60 RT (CB)

CHANGING ELEVATION  
OF SEWER MANHOLES (NON PART.)

STA 279+73 LT (TH 33)

**STEEL BEAM GUARDRAIL, GALV (MOD.) W/ 8' POSTS**

STA 278+72 - 279+47 RT  
STA 278+12 - 278+87 LT

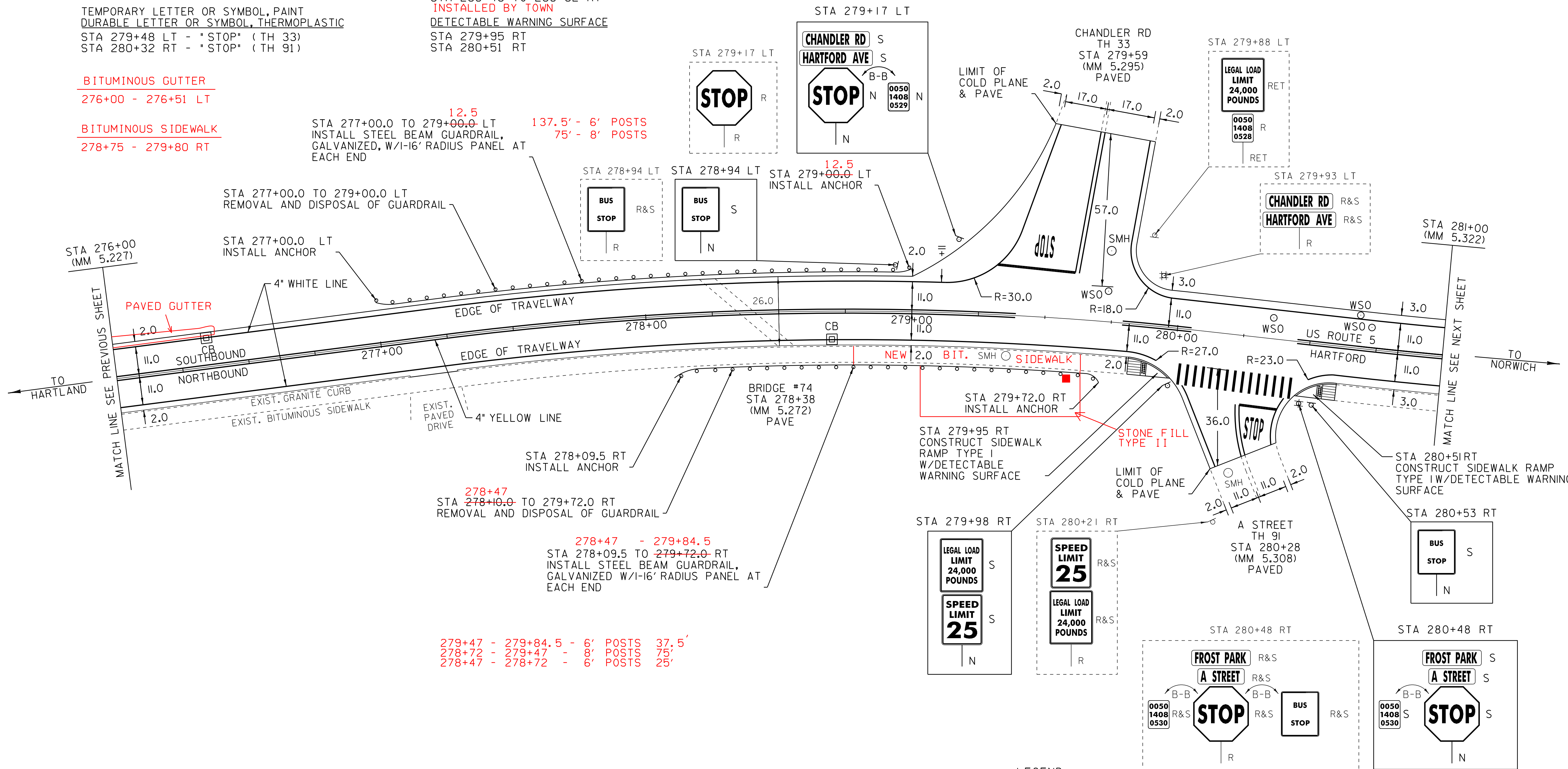
ADJUST ELEVATION  
OF VALVE BOX (NON PART.)

STA 279+73 LT  
STA 280+36 LT  
STA 280+67 LT  
STA 280+72 LT

REMOVING SIGNS  
AS SHOWN - 12

ERECTING SALVAGED SIGNS  
AS SHOWN - 10

STA 279+00 TO 281+00  
MAY HAVE SEWER MANHOLES  
HIDDEN BY PAVEMENT.



279+47 - 279+84.5 - 6' POSTS 37.5'  
278+72 - 279+47 - 8' POSTS 75'  
278+47 - 278+72 - 6' POSTS 25'

- LEGEND**
- R = REMOVE EXISTING
  - S = SALVAGE
  - R&S = REMOVE AND SALVAGE
  - N = NEW
  - RET = RETAIN
  - B-B = BACK TO BACK
  - — — = EXISTING GUARDRAIL
  - — — = PROPOSED GUARDRAIL
  - ⋈ = TYPE I DELINEATOR, WHITE

<h3>PAVING LAYOUT SHEET 14</h3>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99c164/pci64	DESIGNED BY: NULL
	PROJECT LEADER: PTS	CHECKED BY: NULL
	IPARM FILE NAME: pci64l14.i	SHEET 38 OF 137

NOT TO SCALE

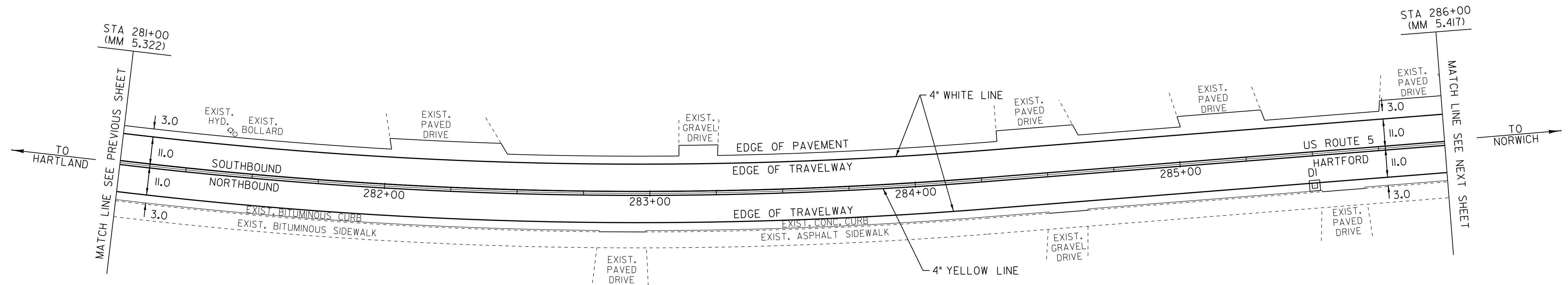
TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 281+00 TO 286+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 281+00 TO 286+00 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 285+50 RT (DI)

~~REMOVAL AND DISPOSAL OF GUIDE POSTS  
 STA 281+42 LT (1)~~

STA 281+00 TO 286+00  
 MAY HAVE SEWER MANHOLES  
 HIDDEN BY PAVEMENT.



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING        LAYOUT        SHEET 15</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:50
	PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pci64la5.i	SHEET 39 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 286+00 TO 288+14 SOLID RT  
 STA 286+00 TO 291+50 SOLID LT  
 STA 288+94 TO 291+50 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 286+00 TO 288+33 SOLID LT & RT  
 STA 288+73 TO 291+50 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT  
 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA 288+42 TO 288+64 RT (TH 123)

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 STA 288+25 TO 288+41 RT (RAMP TYPE 1)  
 STA 288+66 TO 288+91 RT (RAMP TYPE 1)

VERTICAL GRANITE CURB  
~~STA 288+25 TO 288+41 RT~~ INSTALLED  
~~STA 288+66 TO 288+91 RT~~ BY TOWN

DETECTABLE WARNING SURFACE  
 STA 288+38 RT  
 STA 288+69 RT

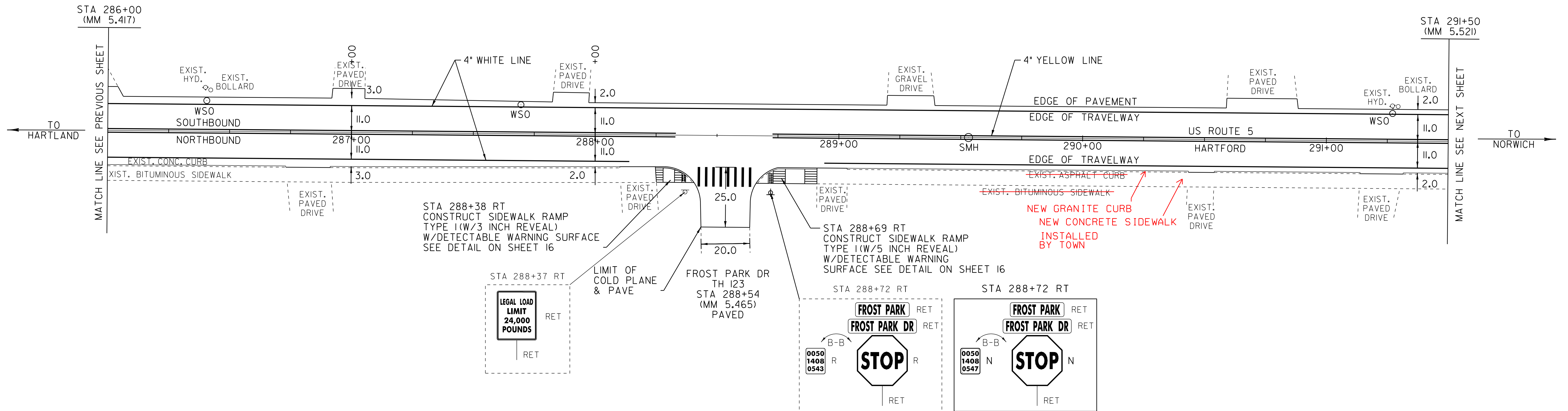
~~REMOVAL AND DISPOSAL OF GUIDE POSTS~~  
~~STA 291+29 LT (1)~~

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 289+53 CL

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 286+40 LT  
 STA 287+69 LT  
 STA 291+17 LT

REMOVING SIGNS  
 AS SHOWN - 2

STA 286+00 TO 291+50  
 MAY HAVE SEWER MANHOLES  
 HIDDEN BY PAVEMENT.



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⌢ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 16</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 40 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 291+50 TO 293+43 SOLID RT  
 STA 291+50 TO 297+00 SOLID LT  
 STA 294+23 TO 295+50 SOLID RT  
 STA 296+30 TO 297+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 291+50 TO 293+63 SOLID LT & RT  
 STA 294+03 TO 295+70 SOLID LT & RT  
 STA 296+10 TO 297+00 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT  
 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA 293+73 TO 293+95 RT (TH 90)  
 STA 295+80 TO 295+99 RT (TH 90)

CHANGING ELEVATION OF DROP INLETS,  
 CATCH BASINS, OR MANHOLES  
 STA 295+97 RT (CB)

REMOVING SIGNS  
 AS SHOWN - 2

ERECTING SALVAGED SIGNS  
 AS SHOWN - 2

STA 291+50 TO 297+00  
 MAY HAVE SEWER MANHOLES  
 HIDDEN BY PAVEMENT.

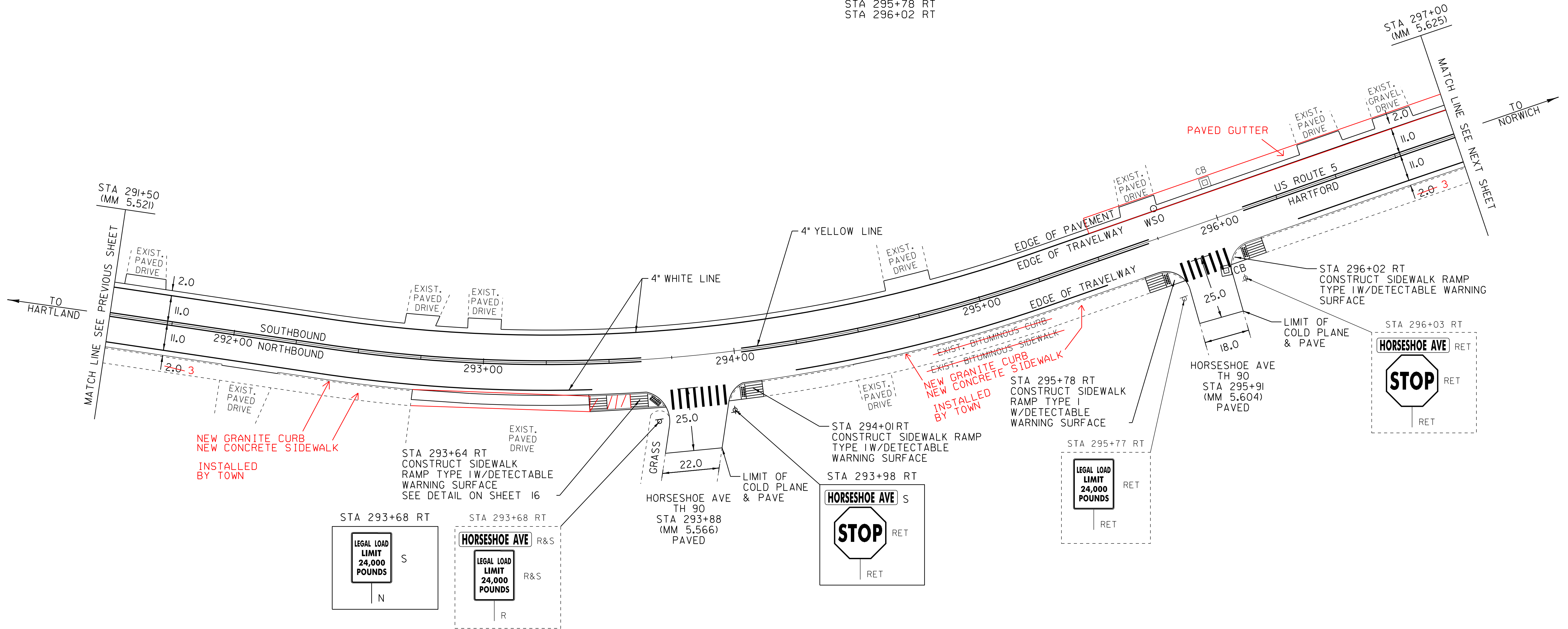
BITUMINOUS GUTTER  
 295+48 - 297+00 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 59 STA 293+42 TO 293+71 RT (RAMP TYPE I)  
 STA 293+96 TO 294+09 RT (RAMP TYPE I)  
 STA 295+65 TO 295+80 RT (RAMP TYPE I)  
 STA 295+99 TO 296+14 RT (RAMP TYPE I)

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 295+78 LT

~~VERTICAL GRANITE CURB~~  
~~STA 293+42 TO 293+71 RT~~  
~~STA 293+42 TO 293+71 RT (BACK CURB)~~  
~~STA 293+96 TO 294+09 RT~~  
~~STA 295+65 TO 295+80 RT~~  
~~STA 295+99 TO 296+14 RT~~ **INSTALLED BY TOWN**

DETECTABLE WARNING SURFACE  
 STA 293+64 RT  
 STA 294+01 RT  
 STA 295+78 RT  
 STA 296+02 RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- EXISTING GUARDRAIL = EXISTING GUARDRAIL
- PROPOSED GUARDRAIL = PROPOSED GUARDRAIL
- TYPE I DELINEATOR, WHITE = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 17</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	DESIGNED BY: NLL
	DESIGNED BY: NLL	CHECKED BY: NLL
	IPARM FILE NAME: pci64l7.i	SHEET 41 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
DURABLE 4" WHITE LINE, THERMOPLASTIC

STA 297+00 TO 297+42 SOLID LT  
STA 297+00 TO 297+41 SOLID RT  
STA 297+42 TO 297+54 SOLID LT (TH 32)  
STA 297+48 TO 297+49 SOLID RT (TH 31)  
STA 297+71 TO 297+73 SOLID RT (TH 31)  
STA 297+73 TO 297+77 SOLID LT (TH 32)  
STA 297+84 TO 300+75 SOLID LT  
STA 297+84 TO 300+76 SOLID RT  
STA 301+55 TO 302+50 SOLID LT  
STA 301+56 TO 302+50 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA 297+00 TO 297+42 SOLID LT & RT  
STA 297+60 DOUBLE SOLID LT (TH 32)  
STA 297+63 DOUBLE SOLID RT (TH 31)  
STA 297+80 TO 300+96 SOLID LT & RT  
STA 301+36 TO 302+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA 297+57 LT - "STOP" (TH 32)  
STA 297+68 RT - "STOP" (TH 31)

TEMPORARY 24" STOP BAR, PAINT  
DURABLE 24" STOP BAR, THERMOPLASTIC

STA 297+52 TO 297+61 LT (TH 32)  
STA 297+62 TO 297+73 RT (TH 31)

TEMPORARY CROSSWALK MARKING, PAINT  
DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA 297+46 TO 297+77 RT (TH 31)  
STA 297+81 LT TO RT  
STA 301+05 TO 301+26 LT (TH 88)  
301+05 TO 301+26 RT (TH 88)

PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH  
STA 297+41 TO 297+46 RT (LANDING)  
STA 297+73 TO 298+05 RT (RAMP TYPE 6)

VERTICAL GRANITE CURB

STA 297+40 TO 297+46 RT  
STA 297+73 TO 298+05 RT  
STA 297+78 TO 297+80 RT (BACK CURB)  
STA 297+93 TO 298+05 RT (BACK CURB)

DETECTABLE WARNING SURFACE

STA 297+43 RT  
STA 297+81 RT

CHANGING ELEVATION OF DROP INLETS,  
CATCH BASINS, OR MANHOLES

STA 297+53 LT (DMH)  
STA 297+57 RT (DMH)  
STA 301+10 LT (DMH) (TH 88)  
STA 301+13 RT (DMH) (TH 88)RET  
STA 301+35 LT (CB)  
STA 301+40 RT (CB)  
297+85 LT (CB)

CHANGING ELEVATION  
OF SEWER MANHOLES (NON PART.)

STA 297+64 LT  
STA 300+01 LT

ADJUST ELEVATION (NON PART.)  
OF VALVE BOX (NON PART.)

STA 297+63 LT (TH 32)  
STA 297+67 LT (TH 32)  
STA 297+69 LT  
STA 297+70 LT (TH 32)  
STA 297+71 LT  
STA 297+72 LT  
STA 297+74 LT  
STA 298+59 RT  
STA 298+64 RT  
STA 301+21 LT (TH 88)

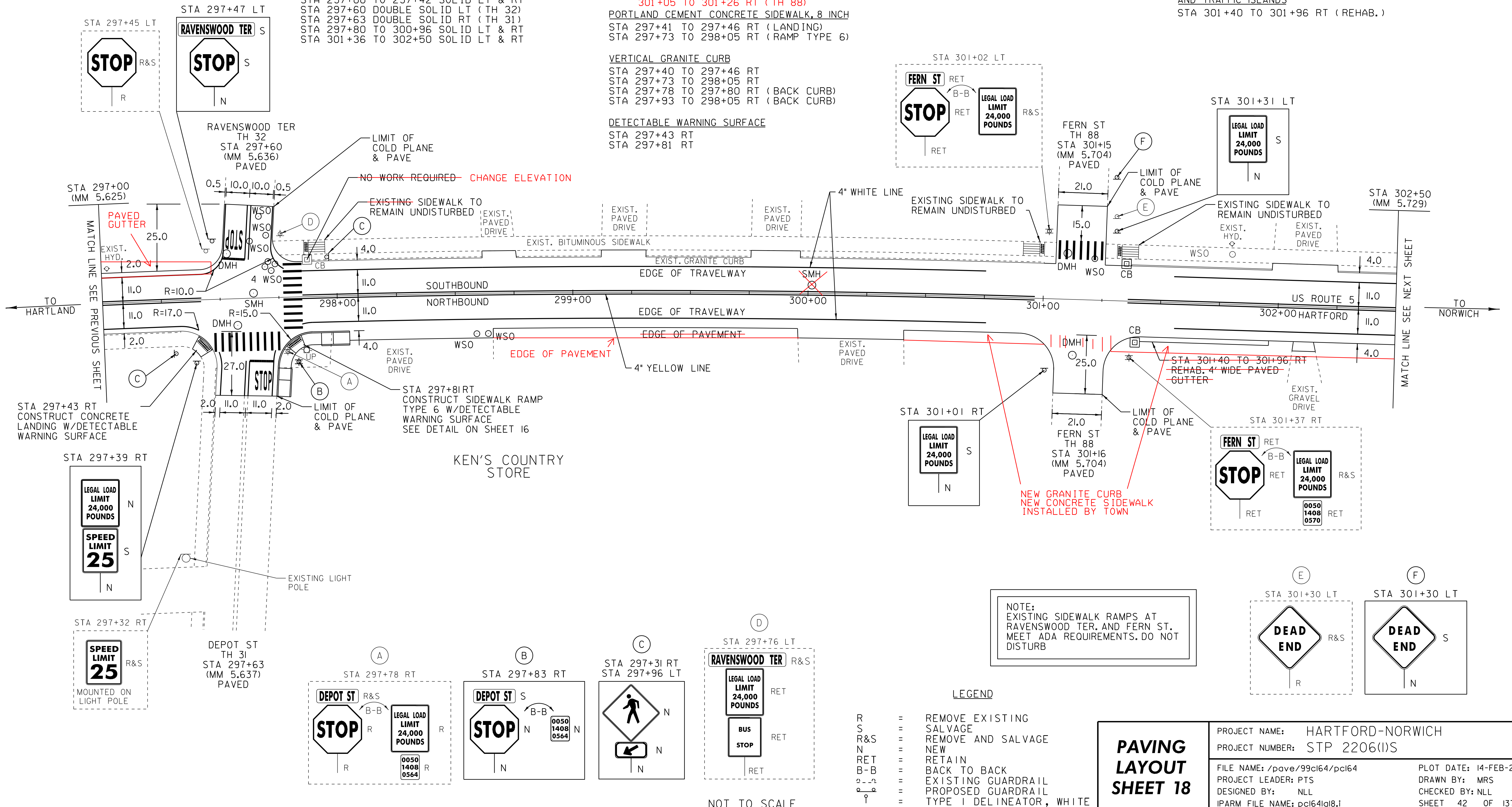
REMOVING SIGNS  
AS SHOWN - 10

ERECTING SALVAGED SIGNS  
AS SHOWN - 7

STA 297+00 TO 302+50  
MAY HAVE SEWER MANHOLES  
HIDDEN BY PAVEMENT.

BITUMINOUS CONCRETE GUTTERS  
AND TRAFFIC ISLANDS

STA 301+40 TO 301+96 RT (REHAB.)



NOTE:  
EXISTING SIDEWALK RAMP AT  
RAVENSWOOD TER. AND FERN ST.  
MEET ADA REQUIREMENTS. DO NOT  
DISTURB

LEGEND  
R = REMOVE EXISTING  
S = SALVAGE  
R&S = REMOVE AND SALVAGE  
N = NEW  
RET = RETAIN  
B-B = BACK TO BACK  
= EXISTING GUARDRAIL  
= PROPOSED GUARDRAIL  
= TYPE 1 DELINEATOR, WHITE

**PAVING  
LAYOUT  
SHEET 18**

PROJECT NAME: HARTFORD-NORWICH  
PROJECT NUMBER: STP 2206(1)S  
FILE NAME: /pave/99cl64/pci64  
PROJECT LEADER: PTS  
DESIGNED BY: NLL  
IPARM FILE NAME: pci64l18.i  
PLOT DATE: 14-FEB-2012 15:50  
DRAWN BY: MRS  
CHECKED BY: NLL  
SHEET 42 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 302+50 TO 304+25 SOLID LT & RT  
 STA 305+05 TO 306+99 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 302+50 TO 304+45 SOLID LT & RT  
 STA 304+85 TO 307+00 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT  
 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA 304+55 TO 304+75 LT (TH 87)  
 304+55 TO 304+75 RT (TH 87)

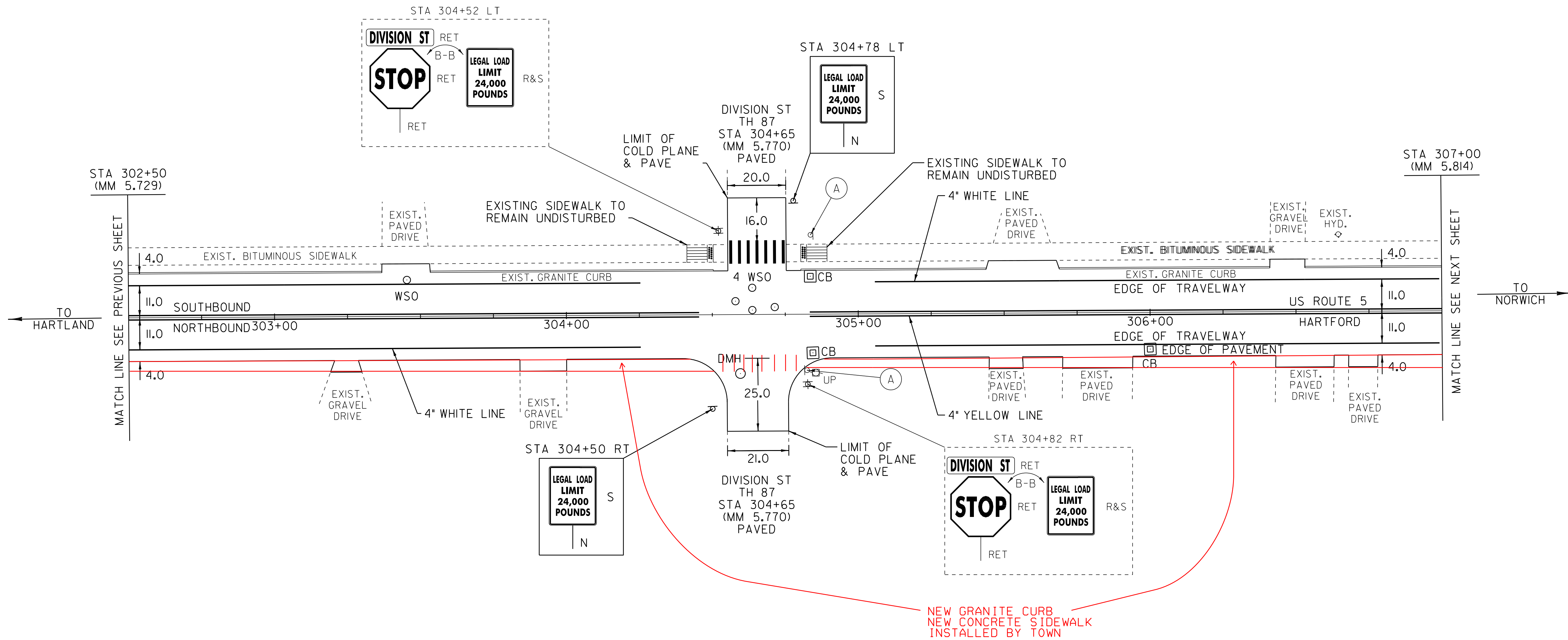
CHANGING ELEVATION OF DROP INLETS,  
 CATCH BASINS, OR MANHOLES  
 STA 304+57 RT (DMH) (TH 87)  
 STA 304+84 LT (CB)  
 STA 304+84 RT (CB)

REMOVING SIGNS  
 AS SHOWN - 6  
 ERECTING SALVAGED SIGNS  
 AS SHOWN - 2

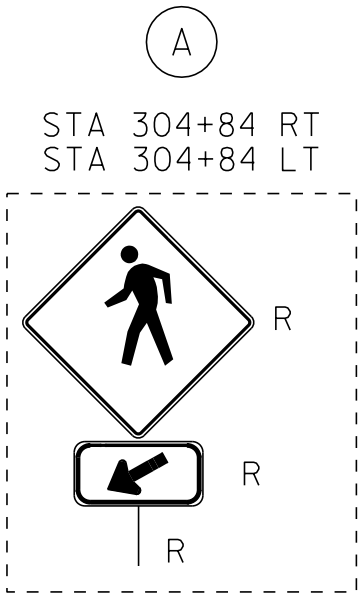
REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 306+00 RT (CB)

STA 302+50 TO 307+00  
 MAY HAVE SEWER MANHOLES  
 HIDDEN BY PAVEMENT.

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 303+46 LT  
 STA 304+58 LT  
 STA 304+64 LT  
 STA 304+65 LT  
 STA 304+71 LT



NOTE:  
 EXISTING SIDEWALK RAMPS AT  
 DIVISION ST. MEET ADA REQUIREMENTS.  
 DO NOT DISTURB



- LEGEND
- R = REMOVE EXISTING
  - S = SALVAGE
  - R&S = REMOVE AND SALVAGE
  - N = NEW
  - RET = RETAIN
  - B-B = BACK TO BACK
  - — — = EXISTING GUARDRAIL
  - — — = PROPOSED GUARDRAIL
  - ⚡ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 19</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99c164/pcl64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 43 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pcl64l9.i	

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 307+79 TO 310+69 SOLID RT  
 STA 307+79 TO 312+50 SOLID LT  
 STA 310+69 TO 310+84 SOLID RT (TH 83)  
 STA 311+04 TO 311+19 SOLID RT (TH 83)  
 STA 311+19 TO 312+50 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 307+00 TO 307+19 SOLID LT & RT  
 STA 307+59 TO 310+74 SOLID LT & RT  
 STA 310+94 DOUBLE SOLID RT (TH 83)  
 STA 311+14 TO 312+50 SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT  
 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA 307+29 TO 307+49 LT (TH 86)  
 TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 310+99 RT - "STOP" (TH 83)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 310+95 TO 311+07 RT (TH 83)

CHANGING ELEVATION OF DROP INLETS,  
 CATCH BASINS, OR MANHOLES  
 STA 308+86 LT (CB)  
 STA 311+10 RT (CB)  
 STA 312+00 RT (CB)  
 REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 308+86 RT (DI)

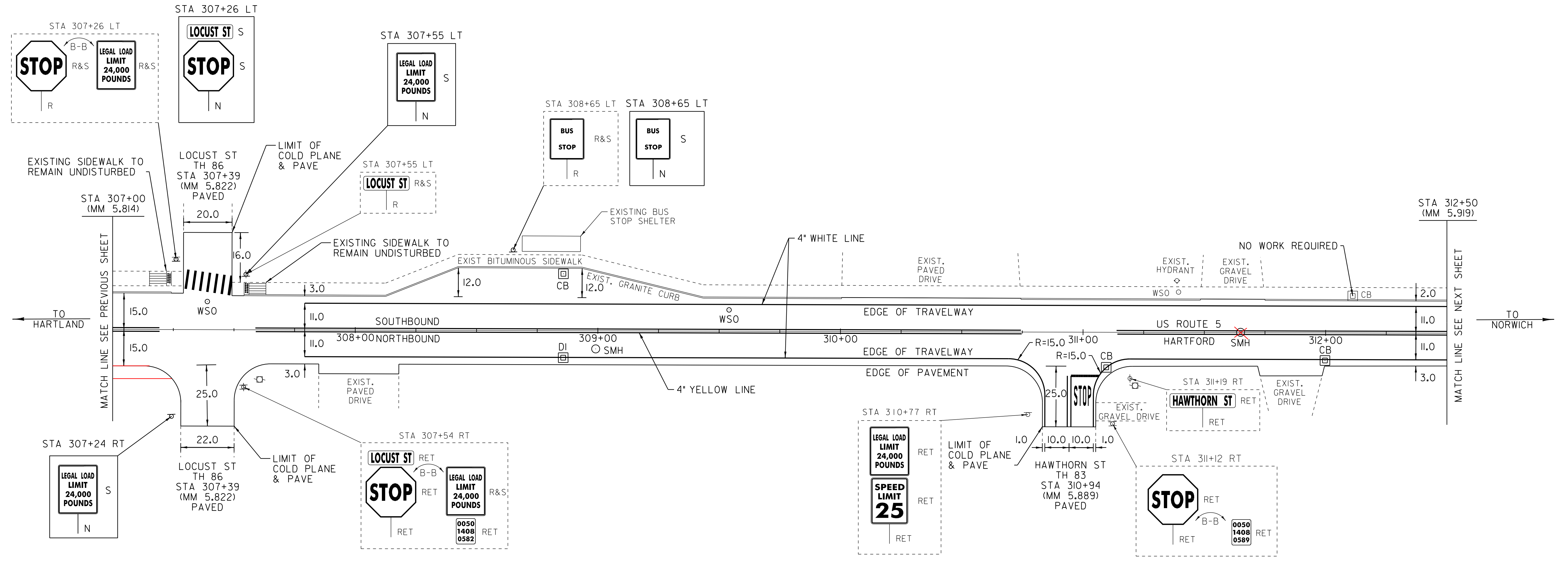
REMOVING SIGNS  
 AS SHOWN - 5

ERECTING SALVAGED SIGNS  
 AS SHOWN - 5

STA 307+00 TO 312+50  
 MAY HAVE SEWER MANHOLES  
 HIDDEN BY PAVEMENT.

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 308+99 RT  
~~STA 311+65 CL~~

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 307+39 LT  
 STA 309+54 LT



NOTE:  
 EXISTING SIDEWALK RAMPS AT  
 LOCUST ST. MEET ADA REQUIREMENTS.  
 DO NOT DISTURB

LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⋈ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 20</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 44 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 312+50 TO 314+20 SOLID RT  
 STA 312+50 TO 314+69 SOLID LT  
 STA 314+49 TO 314+69 SOLID RT  
 STA 314+76 TO 317+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 312+50 TO 314+17 SOLID LT & RT  
 STA 314+37 DOUBLE SOLID RT (TH 29)  
 STA 314+54 TO 314+67 SOLID LT & RT  
 STA 314+75 TO 317+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 314+48 RT - "STOP" (TH 29)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 314+38 TO 314+63 RT (TH 29)

TEMPORARY CROSSWALK MARKING, PAINT  
 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA 314+70 TO 314+73 LT TO RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 STA 314+67 TO 314+72 LT (CONCRETE PAD)  
 STA 314+69 TO 314+75 RT (CONCRETE PAD)

REMOVING AND RESETTING CURB  
 STA 314+67 TO 314+72 LT

DETECTABLE WARNING SURFACE  
 STA 314+70 LT  
 STA 314+73 RT

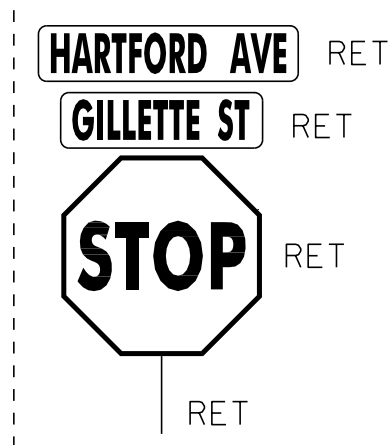
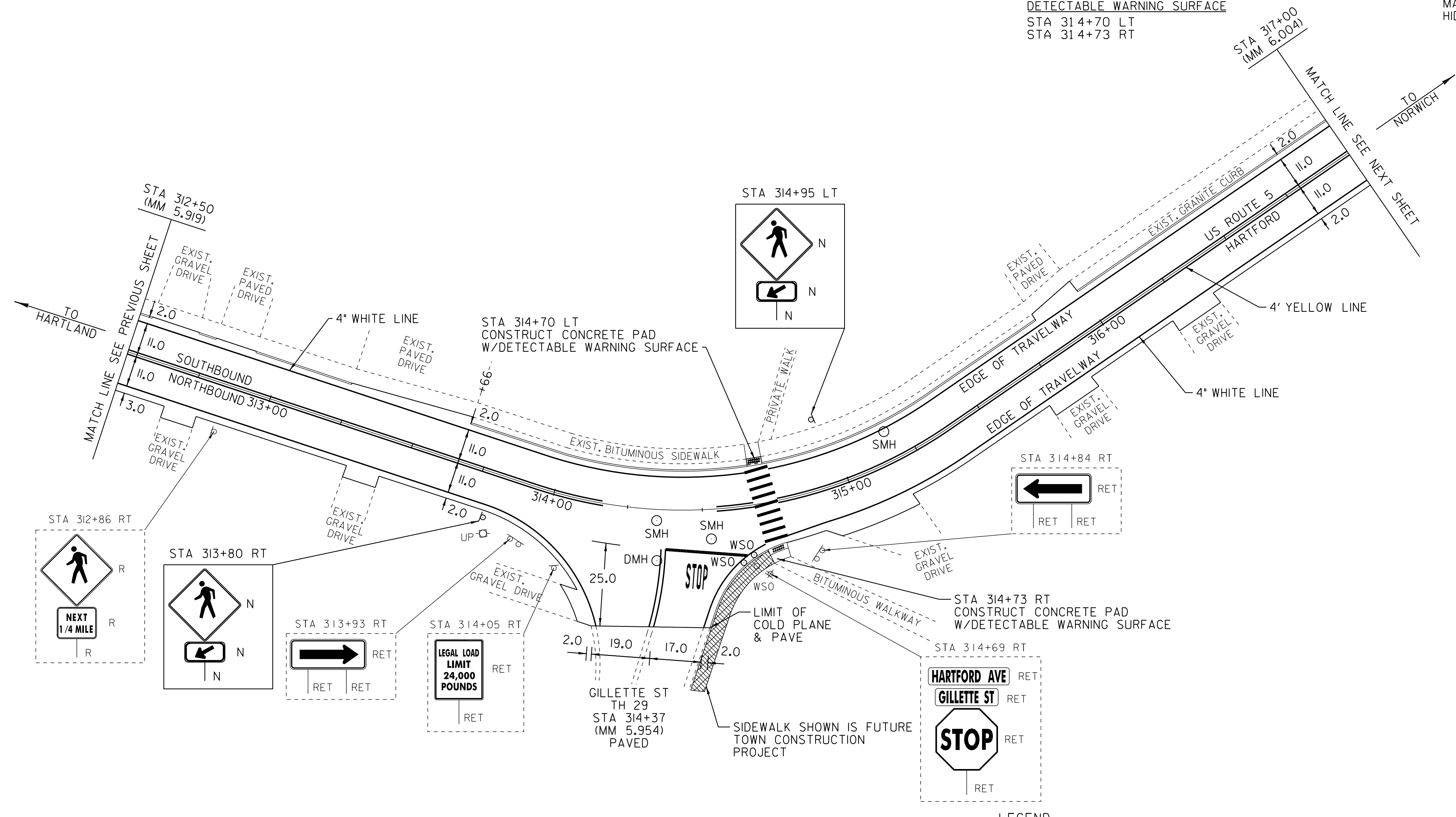
CHANGING ELEVATION OF DROP INLETS,  
 CATCH BASINS, OR MANHOLES  
 STA 314+36 RT (DMH) (TH 29)

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 314+35 RT  
 STA 314+52 RT  
 STA 315+18 LT

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 314+62 RT  
 STA 314+65 RT

REMOVING SIGNS  
 AS SHOWN - 2

STA 312+50 TO 314+00  
 MAY HAVE SEWER MANHOLES  
 HIDDEN BY PAVEMENT.



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⚡ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 21</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 45 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pci64la2li	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 317+00 TO 317+23 SOLID RT  
 STA 317+00 TO 318+52 SOLID LT  
 STA 317+23 TO 317+49 SOLID RT (TH 30)  
 STA 317+70 TO 317+99 SOLID RT (TH 30)  
 STA 317+99 TO 322+50 SOLID RT  
 STA 319+30 TO 322+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 317+00 TO 317+32 SOLID LT & RT  
 STA 317+52 DOUBLE SOLID RT (TH 30)  
 STA 317+72 TO 318+68 SOLID LT & RT  
 STA 318+88 DOUBLE SOLID LT (COLONIAL DR)  
 STA 319+08 TO 322+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 317+64 RT - "STOP" (TH 30)  
 STA 318+83 LT - "STOP" (COLONIAL DR)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 317+57 TO 317+78 RT (TH 30)  
 STA 318+73 TO 318+87 LT (COLONIAL DR)

TEMPORARY CROSSWALK MARKING, PAINT  
 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA 318+69 TO 319+03 LT (COLONIAL DR)

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 318+65.0 TO ~~319+77.5~~ RT 319+65 RT  
 STA 319+17.0 TO 319+89.0 LT

STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 318+65.0 TO ~~319+77.5~~ RT 318+77.5 RT  
 STA 319+17.0 TO 319+92.0 LT  
 319+40 - 319+52.5 RT

ANCHOR FOR STEEL BEAM RAIL

STA 318+65.0 RT  
 STA 319+17.0 LT  
 STA 319+77.5 RT  
 STA 319+92.0 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 STA 318+64 TO 318+70 LT (LANDING)

DETECTABLE WARNING SURFACE  
 STA 318+69 LT

STEEL BEAM GUARDRAIL, GALV. (MOD)  
 318+77.5 - 319+40 RT

CHANGING ELEVATION OF SEWER MANHOLES (NON PART.)  
 STA 317+52 RT (PAVED OVER)  
 STA 318+89 LT  
 STA 320+09 LT  
 STA 321+30 LT

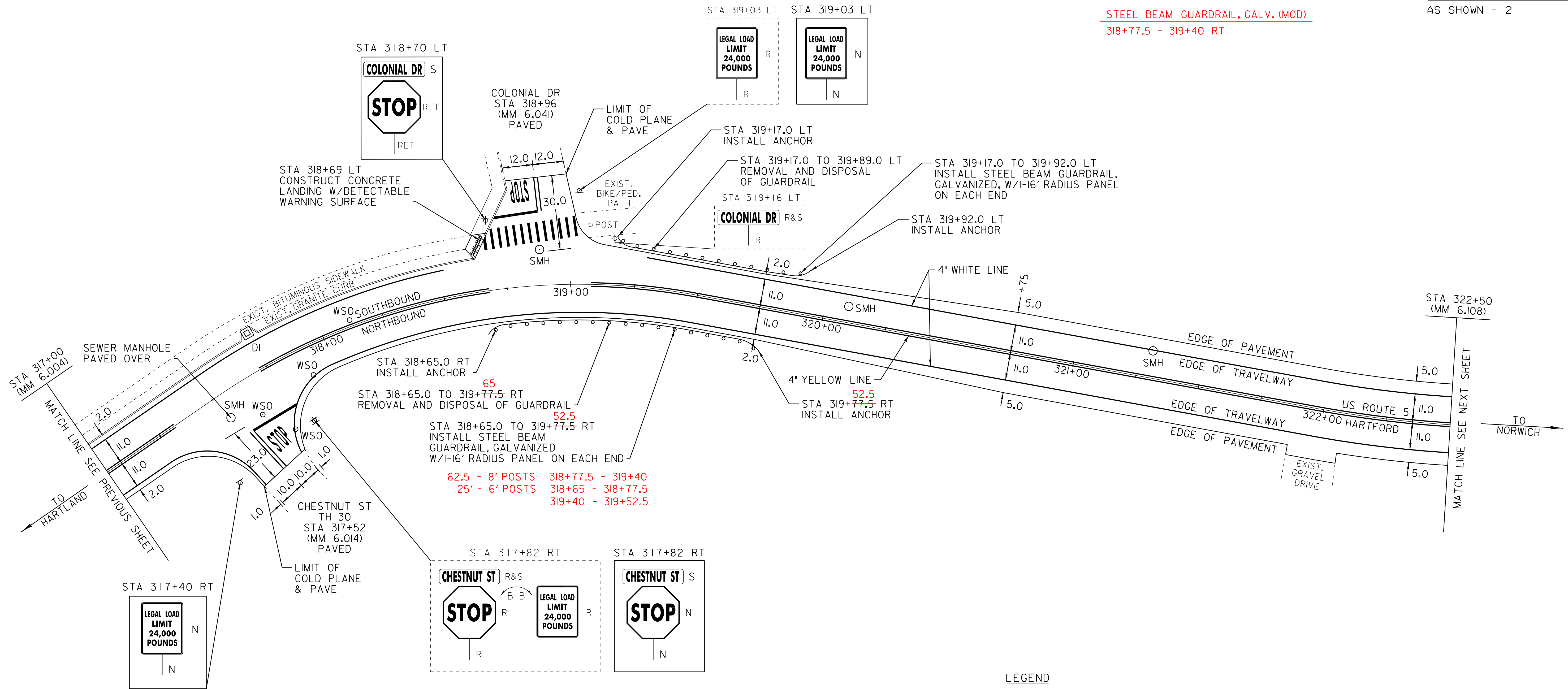
ADJUST ELEVATION OF VALVE BOX (NON PART.)

STA 317+64 RT  
 STA 317+73 RT  
 STA 317+90 RT  
 STA 318+12 LT

~~THINNING AND TRIMMING FOR SIGNS~~  
~~STA 319+03 LT~~

REMOVING SIGNS  
 AS SHOWN - 5

ERECTING SALVAGED SIGNS  
 AS SHOWN - 2



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

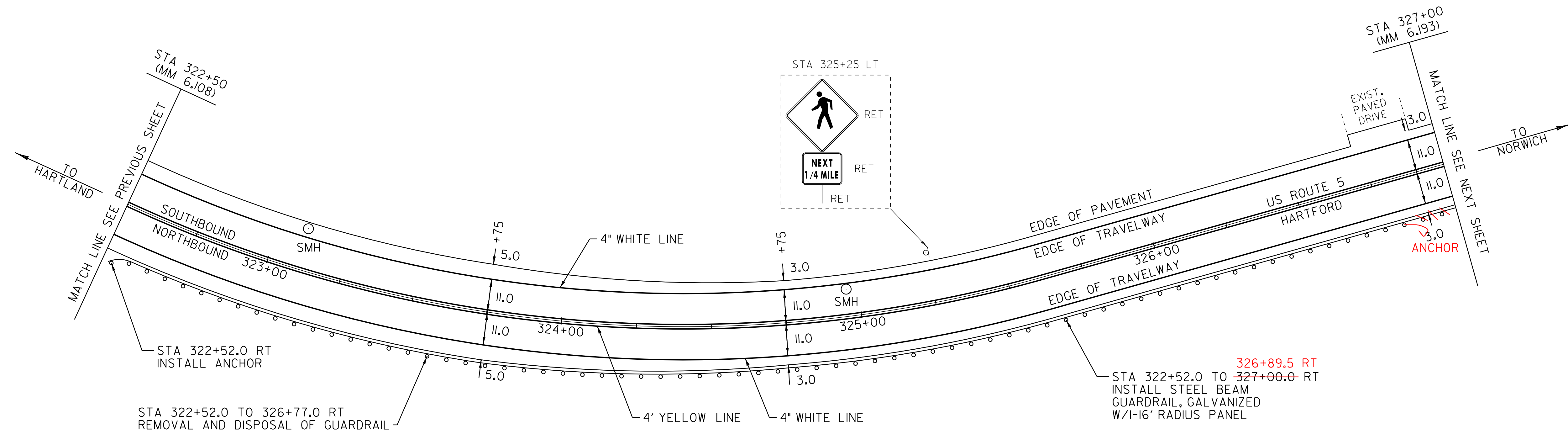
<b>PAVING LAYOUT SHEET 22</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:50
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 46 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pci64la22.i	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 322+50 TO 327+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 322+50 TO 327+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 322+52.0 TO 326+77.0 RT  
 STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 322+52.0 TO ~~327+00.0 RT~~  
 326+89.5 RT  
 ANCHOR FOR STEEL BEAM RAIL  
 STA 322+52.0 RT  
 STA 326+89.5 RT

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 323+10 LT  
 STA 324+96 LT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⌢ = TYPE I DELINEATOR, WHITE

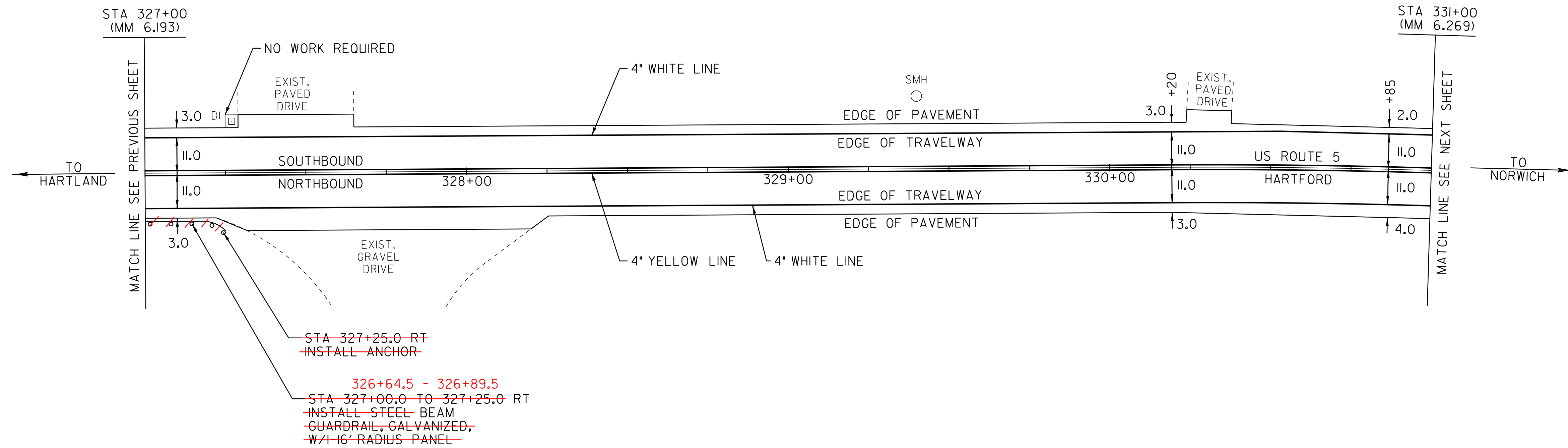
NOT TO SCALE

<b>PAVING LAYOUT SHEET 23</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NULL
	PROJECT LEADER: PTS	SHEET 47 OF 137
	DESIGNED BY: NULL	
	IPARM FILE NAME:	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 327+00 TO 331+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 327+00 TO 331+00 SOLID LT & RT

~~STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 327+00.0 TO 327+25.0 RT~~  
~~ANCHOR FOR STEEL BEAM RAIL  
 STA 327+25.0 RT~~



~~STA 327+25.0 RT  
 INSTALL ANCHOR~~  
~~326+64.5 - 326+89.5  
 STA 327+00.0 TO 327+25.0 RT  
 INSTALL STEEL BEAM  
 GUARDRAIL, GALVANIZED,  
 W/16' RADIUS PANEL~~

LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⊙ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 24</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NLL	CHECKED BY: NLL
	IPARM FILE NAME: pcl64la24.i	SHEET 48 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 331+00 TO 332+56 SOLID LT  
 STA 331+00 TO 336+00 SOLID RT  
 STA 332+87 TO 336+00 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 331+00 TO 332+48 SOLID LT & RT  
 STA 332+68 DOUBLE SOLID LT (TH 143)  
 STA 332+88 TO 336+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 332+57 LT - "STOP" (TH 143)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 332+27 TO 332+67 LT (TH 143)

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 331+20.0 TO 332+65.0 RT  
 STA 333+01.0 TO 333+06.75 LT  
 STA 333+08.75 TO 333+20.0 RT  
 STA 333+50.0 TO 333+96.0 LT

STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 331+39.5 TO 332+40.0 RT  
 STA 333+75.5 TO 333+99.0 LT

H.D. STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 332+40.0 TO 332+65.0 RT  
 STA 333+08.75 TO 333+21.25 RT  
 STA 332+88.0 TO 333+06.75 LT  
 STA 333+50.5 TO 333+75.5 LT

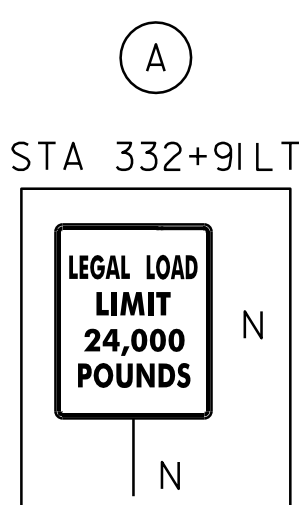
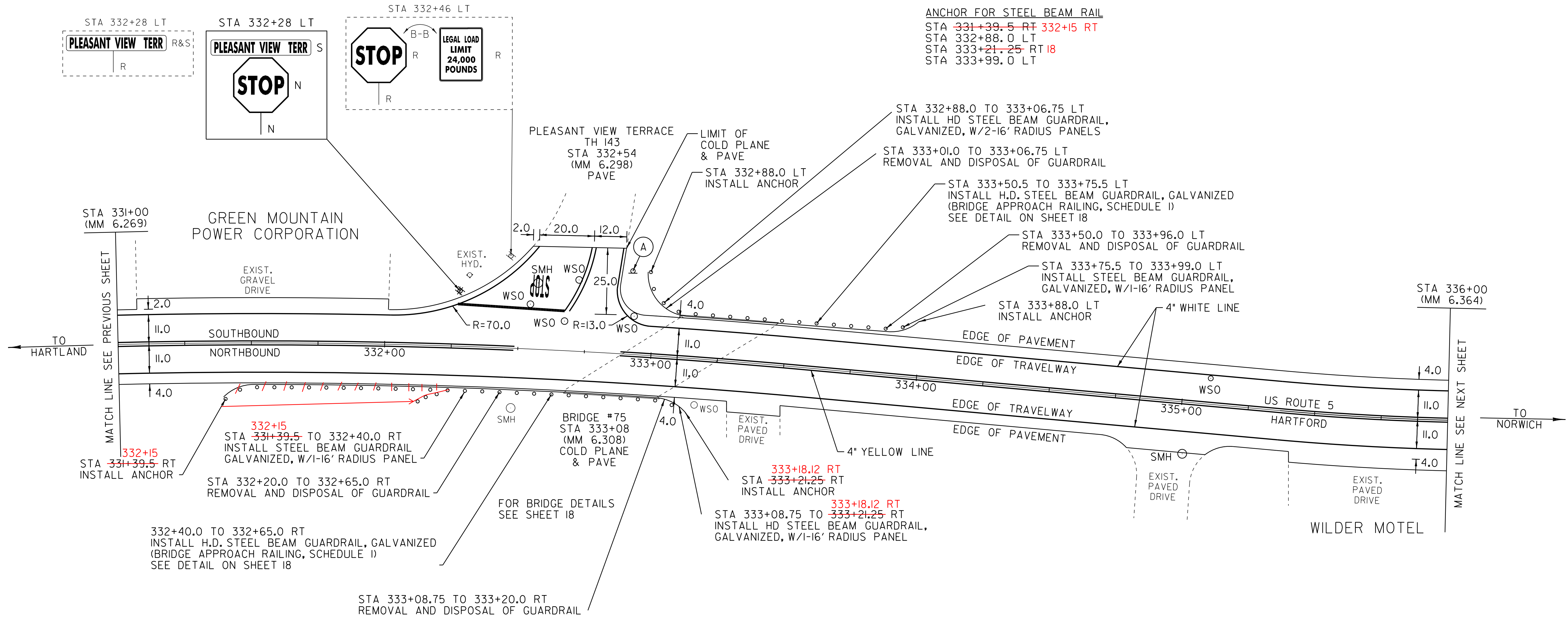
ANCHOR FOR STEEL BEAM RAIL  
 STA 331+39.5 RT 332+15 RT  
 STA 332+88.0 LT  
 STA 333+21.25 RT  
 STA 333+99.0 LT

CHANGING ELEVATION OF  
 SEWER MANHOLES (NON PART.)  
 STA 332+56 LT (TH 143)  
 STA 335+02 RT

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 332+54 LT (TH 143)  
 STA 332+67 LT  
 STA 332+72 LT (TH 143)  
 STA 332+93 LT  
 STA 335+10 LT

REMOVING SIGNS  
 AS SHOWN - 3

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
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 25</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99c164/pci64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 49 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pci64la25.i	

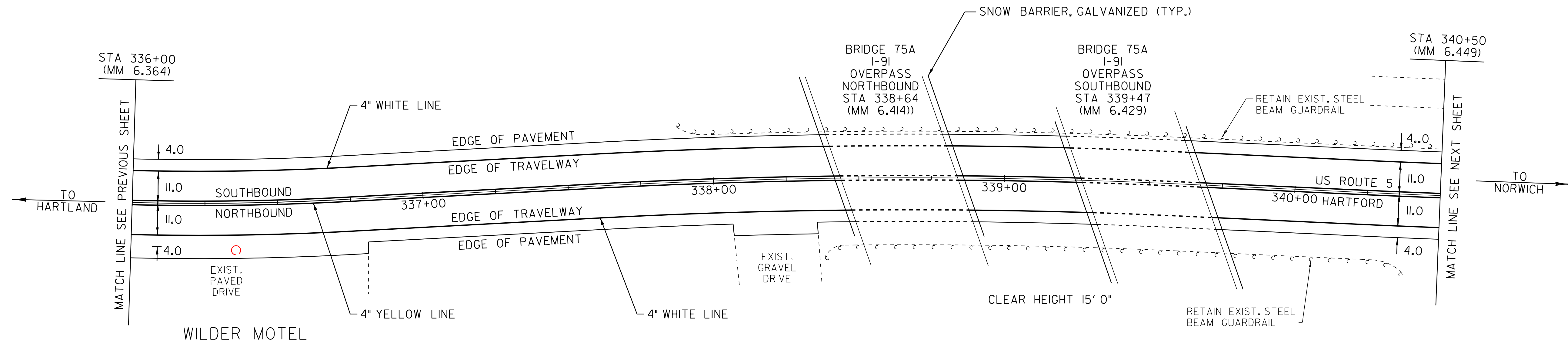
NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 336+00 TO 340+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 336+00 TO 340+50 SOLID LT & RT

SHOULDER BERM REMOVAL  
 STA 337+88 TO 340+50 LT 71' RT SIDE  
 70' LT SIDE  
 SNOW BARRIER - GALVANIZED W/ ALUMINUM MESH  
 BRIDGE #75A (SB OVERPASS) 60 FT EACH SIDE  
 BRIDGE #75A (NB OVERPASS) 60 FT EACH SIDE  
 64' RT SIDE - 71' LT SIDE

CHANGE ELEV. OF SMH  
 336+29 RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

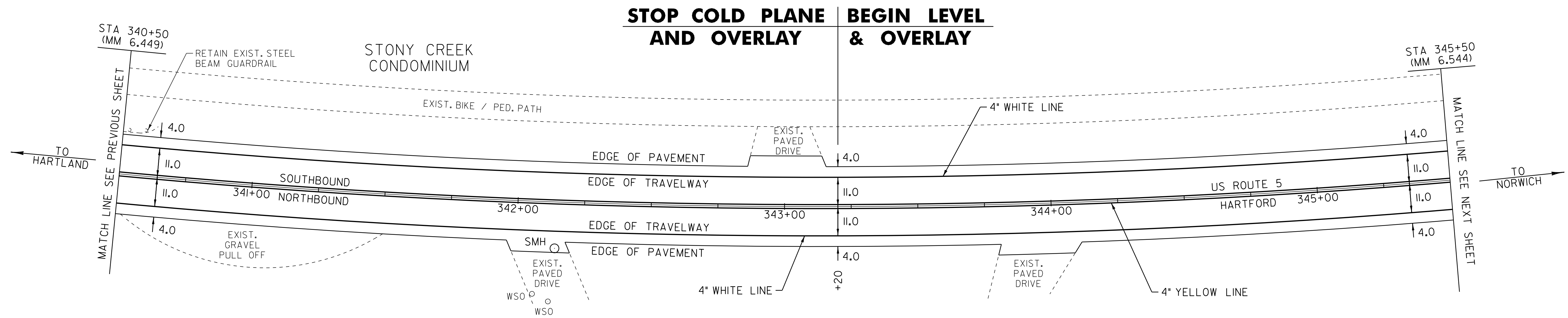
<b>PAVING LAYOUT SHEET 26</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la26.i	SHEET 50 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 340+50 TO 345+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 340+50 TO 345+50 SOLID LT & RT

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 342+14 RT

~~SHOULDER BERM REMOVAL  
 STA 340+50 TO 340+63 LT~~



**STOP COLD PLANE AND OVERLAY** | **BEGIN LEVEL & OVERLAY**

**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 27</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99c164/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 51 OF 137

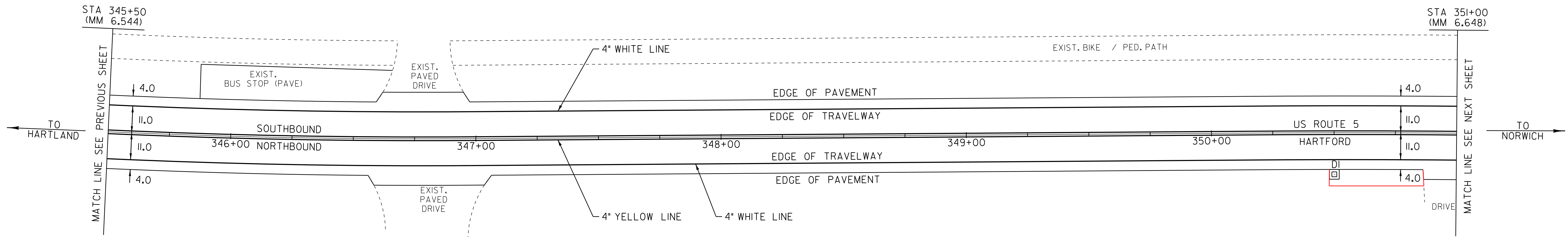
NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 345+50 TO 351+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 345+50 TO 351+00 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 350+50 RT (DI)

BITUMINOUS GUTTER  
 350+50 - 350+78 RT



**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

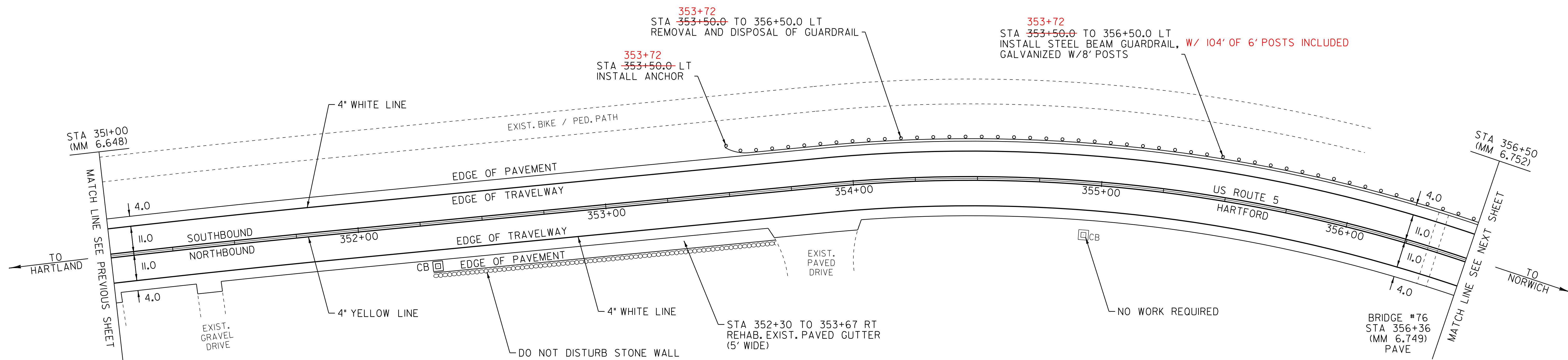
NOT TO SCALE

<b>PAVING LAYOUT SHEET 28</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:51	
PROJECT LEADER: PTS	DRAWN BY: MRS	
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pci64la28.i	SHEET 52 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 351+00 TO 356+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 351+00 TO 356+50 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 353+50.0 TO 356+50.0 LT  
 353+72  
 STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS  
 STA 353+50.0 TO 356+50.0 LT W/ 104' OF 6' POSTS  
 353+72  
 ANCHOR FOR STEEL BEAM RAIL  
 STA 353+50.0 LT  
 353+72  
 REHAB. DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 352+30 RT (CB)  
 BITUMINOUS CONCRETE GUTTERS  
 AND TRAFFIC ISLANDS  
 STA 352+30 TO 353+67 RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ⋈ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 29</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(I)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la29.i	SHEET 53 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 356+50 TO 360+07 SOLID LT  
 STA 356+50 TO 362+50 SOLID RT  
 STA 360+17 TO 360+31 SOLID LT LANE LINE (TH 9)  
 STA 360+31 TO 362+50 SOLID LT  
 STA 360+94 TO 362+50 SOLID LT LANE LINE

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 356+50 TO 360+24 SOLID LT & RT  
 STA 360+21 TO 360+44 SOLID LT (TH 9) (ISLAND)  
 STA 360+41 SOLID LT (TH 9) (ISLAND)  
 STA 360+64 TO 362+50 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 360+17 TO 360+41 LT (TH 9)  
 PAINTED CURB  
 STA 360+21 TO 360+44 LT (TH 9 ENTIRE ISLAND)

TEMPORARY LETTER OR SYMBOL, THERMOPLASTIC  
 STA 360+17 LT - RIGHT TURN ARROW (TH 9)  
 STA 360+22 LT - LEFT TURN ARROW (TH 9)  
 STA 360+26 LT - "STOP" (TH 9)  
 STA 360+36 LT - "STOP" (TH 9)  
 STA 360+98 LT - RIGHT TURN ARROW  
 STA 361+00 RT - "SCHOOL"  
 STA 362+29 LT - RIGHT TURN ARROW

DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 360+17 LT - RIGHT TURN ARROW (TH 9)  
 STA 360+22 LT - LEFT TURN ARROW (TH 9)  
 STA 360+26 LT - "STOP" (TH 9)  
 STA 360+36 LT - "STOP" (TH 9)  
 STA 360+98 LT - RIGHT TURN ARROW  
 STA 361+00 RT - "SCHOOL"  
 STA 361+42 LT - "ONLY"  
 STA 362+29 LT - RIGHT TURN ARROW

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 356+50.0 TO 359+76.0 LT

STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 359+76.0 TO 360+05.0 LT (TH 9)

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS  
 STA 356+50.0 TO 360+05.0 LT

ANCHOR FOR STEEL BEAM RAIL  
 STA 359+78.0 LT (TH 9)  
 STA 360+05.0 LT

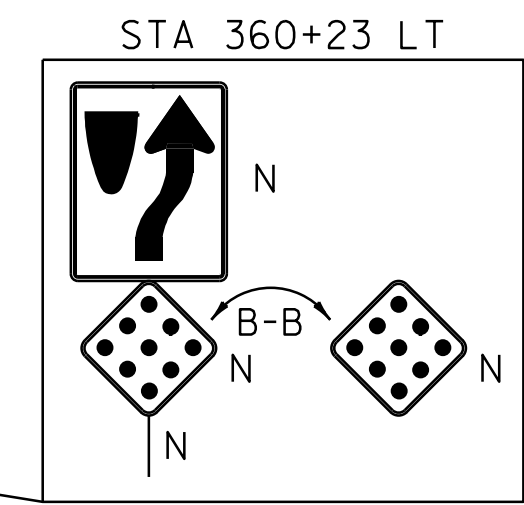
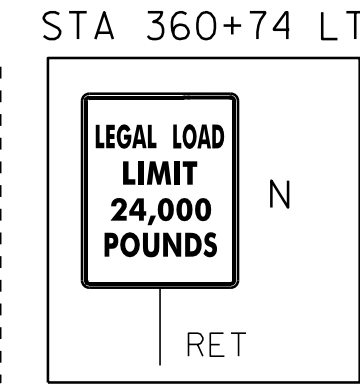
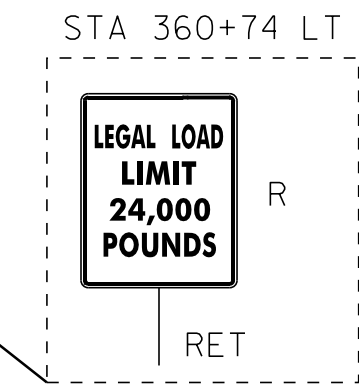
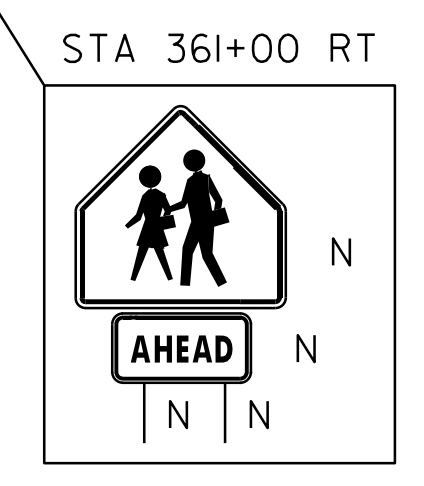
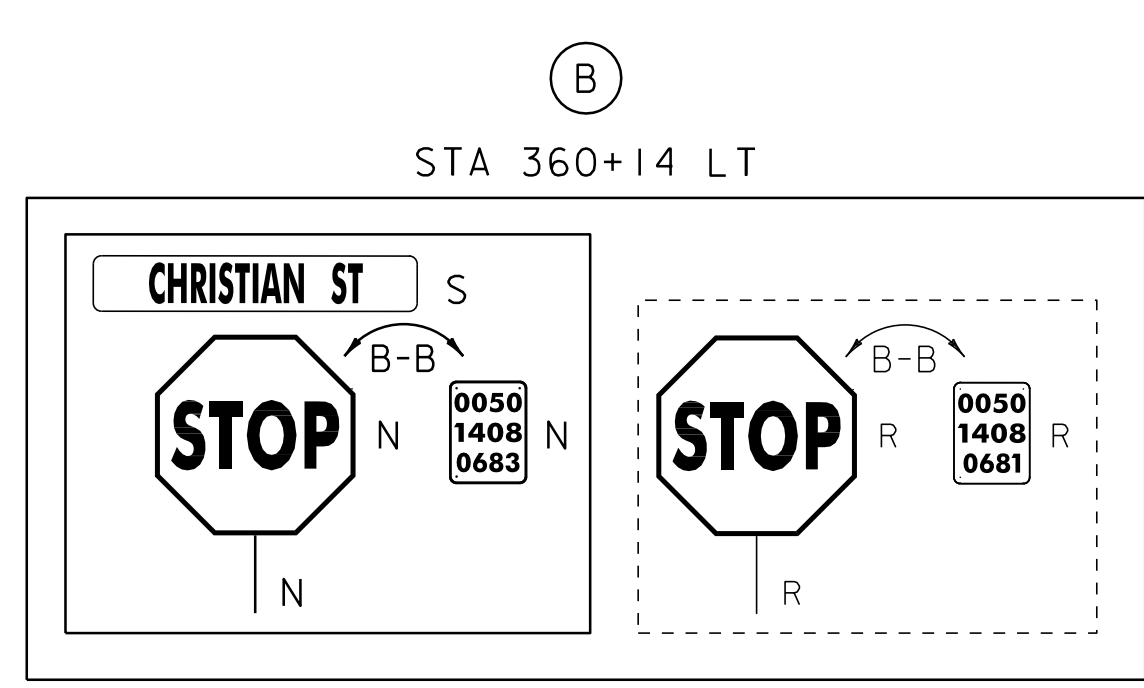
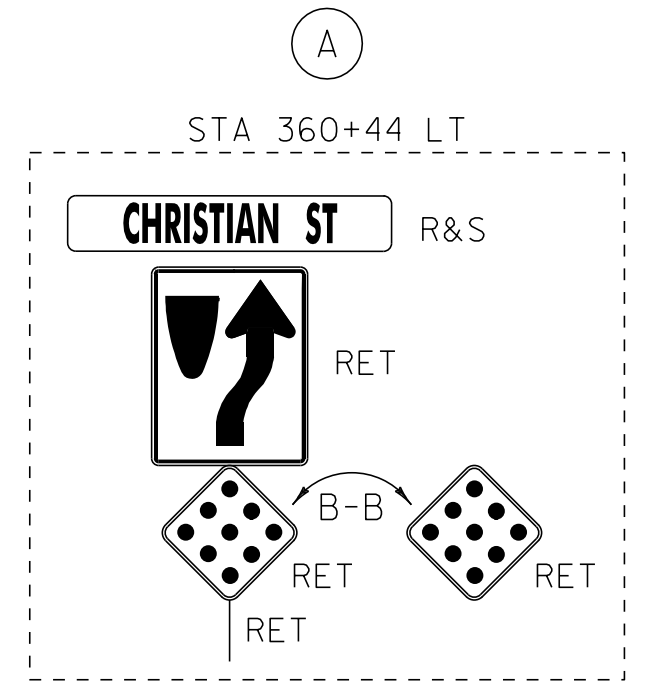
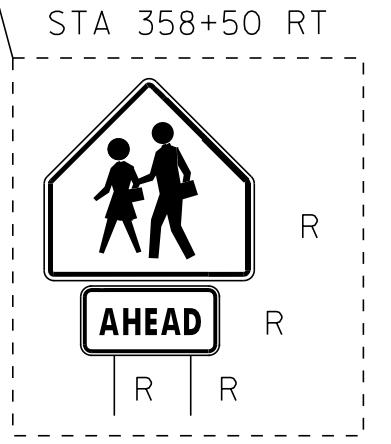
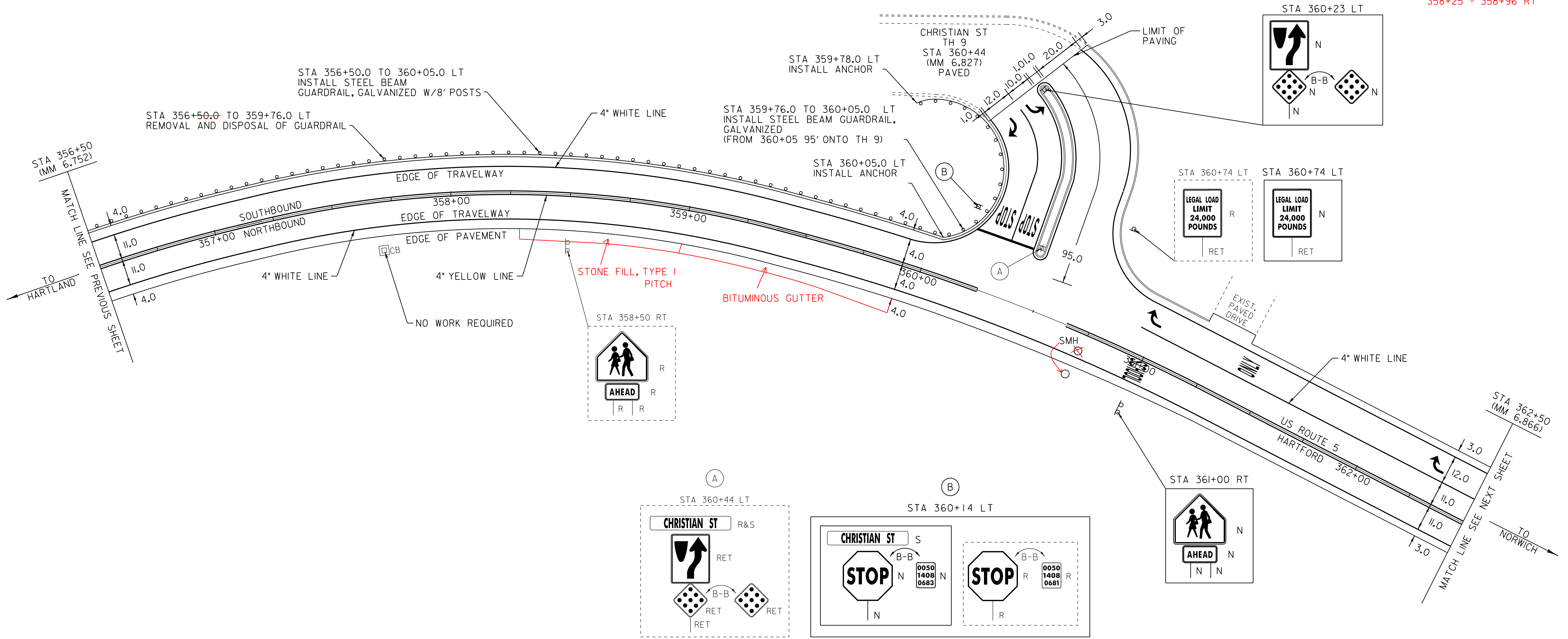
CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 360+74 RT **RETAINED**

REMOVING SIGNS  
 AS SHOWN - 6

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

**BITUMINOUS GUTTER**  
 358+96 - 360+00 RT

**STONE FILL, TYPE I**  
 358+25 - 358+96 RT



**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⌢ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 30</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 54 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pci64la30.i	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 362+50 TO 362+78 SOLID LT LANE LINE  
 STA 362+50 TO 364+05 SOLID RT  
 STA 362+50 TO 363+85 SOLID LT  
 STA 362+78 TO 363+85 DOTTED LT LANE LINE  
 STA 364+40 SOLID RT LANE LINE (TH 285)  
 STA 364+65 TO 368+00 SOLID LT  
 STA 364+55 TO 368+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 362+50 TO 364+08 SOLID LT & RT  
 STA 364+28 DOUBLE SOLID RT (TH 285)  
 STA 364+48 TO 366+73 SOLID LT & RT  
 STA 366+73 TO 368+00 DOUBLE SOLID LT & RT  
 DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA 366+73 TO 368+00 SOLID LT & RT (GORE)

TEMPORARY LETTER OR SYMBOL, PAINT  
 STA 364+22 LT - "STOP" (SCHOOL)  
 STA 364+34 RT - "STOP" (TH 285)  
 STA 364+47 RT - "STOP" (TH 285)

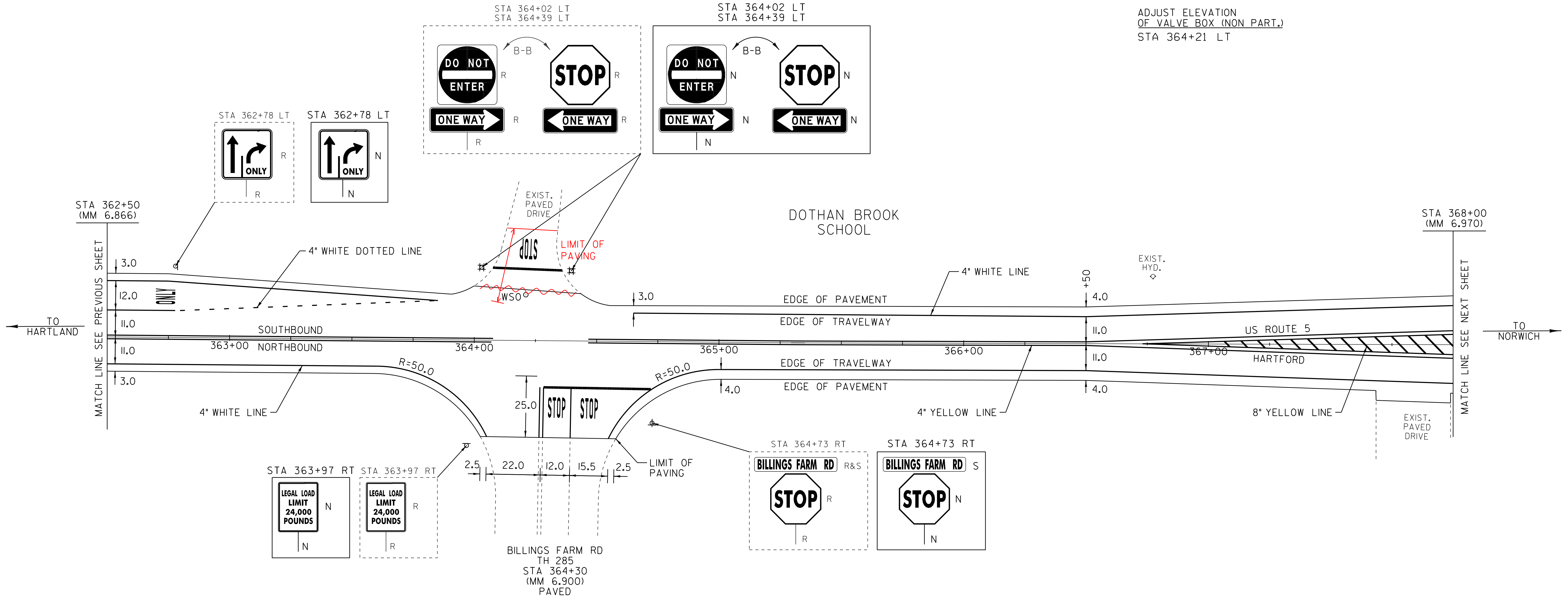
REMOVING SIGNS  
 AS SHOWN - 12

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 362+74 LT - "ONLY"  
 STA 364+22 LT - "STOP" (SCHOOL)  
 STA 364+34 RT - "STOP" (TH 285)  
 STA 364+47 RT - "STOP" (TH 285)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 364+07 TO 364+36 LT (EXIST. PAVED DRIVE)  
 STA 364+28 TO 364+72 RT (TH 285)

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 364+21 LT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⚡ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 31</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pcl64	CHECKED BY: NLL
	PROJECT LEADER: PTS	SHEET 55 OF 137
	DESIGNED BY: NLL	
	IPARM FILE NAME: pcl64la3li	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 368+00 TO 372+39 SOLID LT  
 STA 368+00 TO 373+50 SOLID RT  
 STA 368+34 TO 370+22 DOTTED RT LANE LINE  
 STA 370+22 TO 372+61 SOLID RT LANE LINE  
 STA 372+50 SOLID LT LANE LINE (SCHOOL)  
 STA 372+73 TO 373+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 368+00 TO 369+98 DOUBLE SOLID RT TO LT  
 STA 368+00 TO 372+42 DOUBLE SOLID LT  
 STA 372+61 DOUBLE SOLID LT (SCHOOL)  
 STA 372+94 TO 373+50 DOUBLE SOLID RT  
 STA 372+94 TO 373+50 DOUBLE SOLID LT

DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA 368+00 TO 369+98 SOLID LT & RT (GORE)  
 STA 372+94 TO 373+50 SOLID LT & RT (GORE)

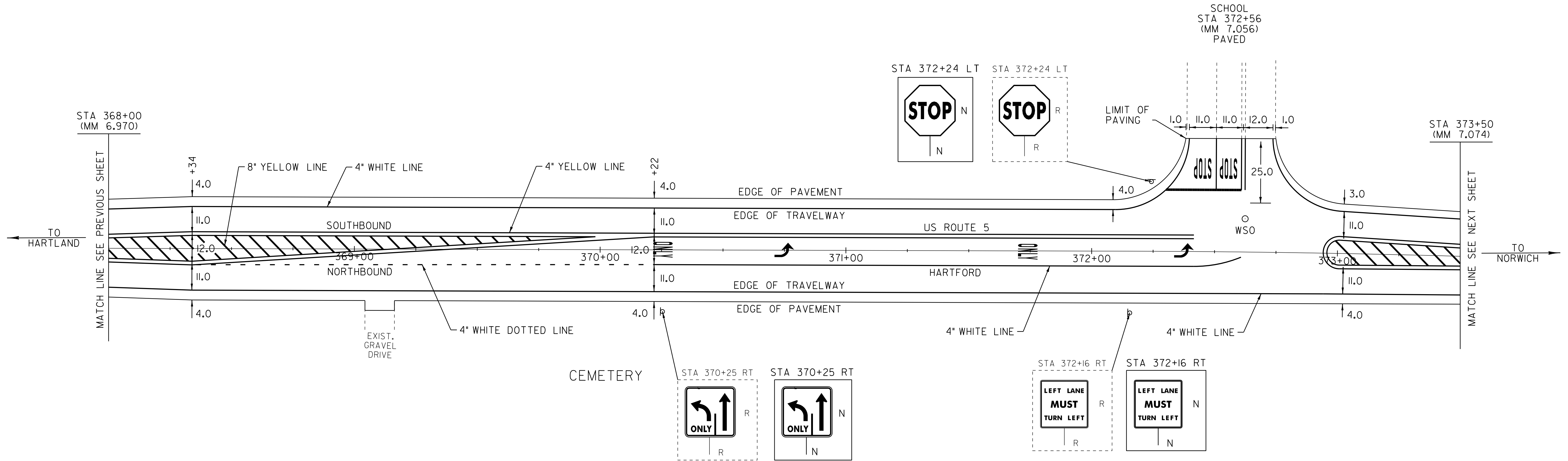
TEMPORARY LETTER OR SYMBOL, PAINT  
 STA 370+83 CL - LEFT TURN ARROW  
 STA 372+29 CL - LEFT TURN ARROW  
 STA 372+45 LT - "STOP" (SCHOOL)  
 STA 372+56 LT - "STOP" (SCHOOL)

DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 370+26 CL - "ONLY"  
 STA 370+83 CL - LEFT TURN ARROW  
 STA 371+80 CL - "ONLY"  
 STA 372+29 CL - LEFT TURN ARROW  
 STA 372+45 LT - "STOP" (SCHOOL)  
 STA 372+56 LT - "STOP" (SCHOOL)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 372+30 TO 372+61 LT (SCHOOL)

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 372+62 LT

REMOVING SIGNS  
 AS SHOWN - 3



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⚡ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 32</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la32.i	SHEET 56 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 373+50 TO 377+37 SOLID LT  
 STA 373+50 TO 379+00 SOLID RT  
 STA 377+61 TO 379+00 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 373+50 TO 374+79 DOUBLE SOLID LT & RT  
 STA 374+79 TO 377+28 SOLID LT & RT  
 STA 377+48 DOUBLE SOLID LT (TH 18)  
 STA 377+68 TO 379+00 SOLID LT & RT

DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA 373+50 TO 374+79 SOLID LT & RT (GORE)

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 377+41 LT - "STOP" (TH 18)  
 STA 378+10 LT - "SCHOOL"

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 377+26 TO 377+48 LT (TH 18)

CHANGING ELEVATION OF DROP INLETS,  
 CATCH BASINS, OR MANHOLES  
 STA 377+52 LT (CB) (TH 18)

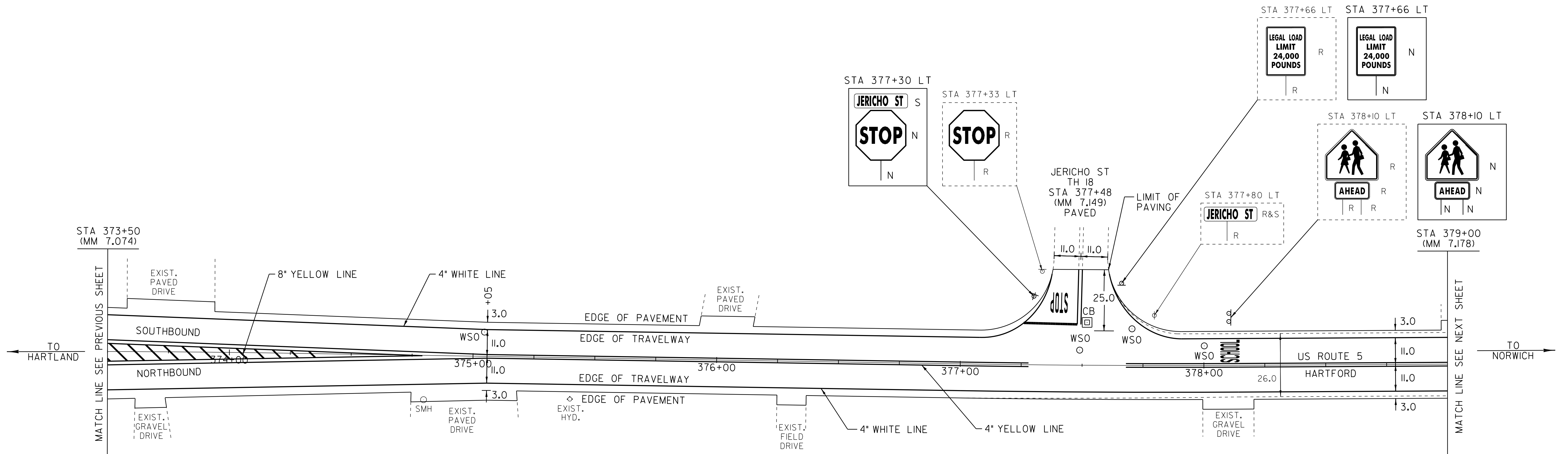
ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 375+05 LT  
 STA 377+49 LT  
 STA 377+70 LT  
 STA 378+00 LT

REMOVING SIGNS  
 AS SHOWN - 5

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

CHANGE ELEV. OF  
 SEWER MANHOLE  
 374+80 RT

~~THINNING AND TRIMMING FOR SIGNS~~  
~~STA 377+30 LT~~



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⊙ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 33</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 57 OF 137
	IPARM FILE NAME: pci64la33.i	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 379+00 TO 383+28 SOLID LT  
 STA 379+00 TO 384+50 SOLID RT  
 STA 383+75 TO 384+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 379+00 TO 383+31 SOLID LT & RT  
 STA 383+51 DOUBLE SOLID LT (TH 287)  
 STA 383+71 TO 384+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 383+37 LT - "STOP" (TH 287)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 383+12 TO 383+51 LT (TH 287)

~~CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 374+80 RT~~

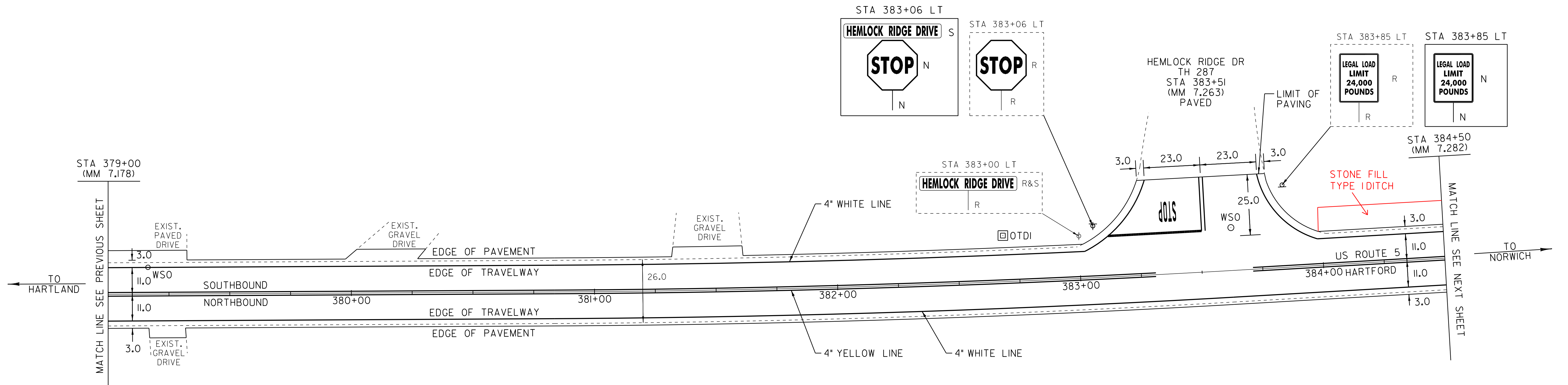
ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 379+16 LT  
 STA 383+63 LT (TH 287)

REHAB DROP INLETS, CATCH BASINS,  
 OR MANHOLES, CLASS I, CLASS II OR CLASS III  
 STA 382+69 LT

REMOVING SIGNS  
 AS SHOWN - 3

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

STONE FILL, TYPE I  
 384+00 - 384+50 LT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ⊥ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 34</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	DESIGNED BY: NULL
	IPARM FILE NAME: pci64la34.i	CHECKED BY: NULL
		SHEET 58 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 384+50 TO 390+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 384+50 TO 390+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL  
 65 STA 385+55.0 TO 387+50.0 RT  
 STA 386+53.0 TO 387+78.0 LT

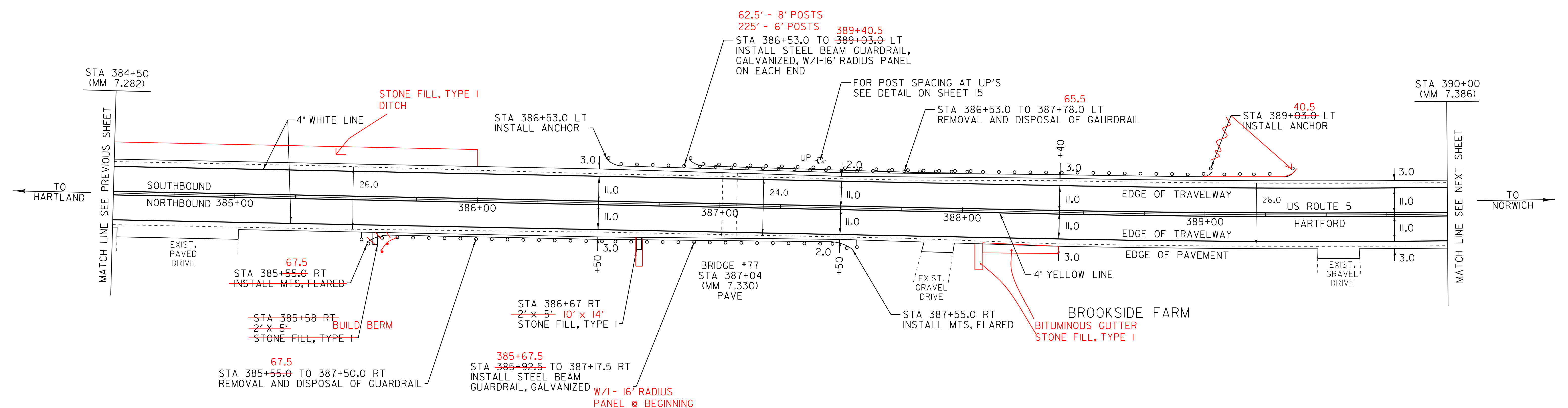
~~STONE FILL, TYPE I~~  
~~STA 385+58 RT~~  
~~STA 386+67 RT~~

STEEL BEAM GUARDRAIL, GALVANIZED  
 385+65 STA 385+92.5 TO 387+17.5 RT  
 STA 386+53.0 TO 389+03.0 LT (INCLUDES 62.5' LF W/ 8' POSTS)  
 40.5  
 ANCHOR FOR STEEL BEAM RAIL  
 STA 386+53.0 LT  
 STA 389+03.0 LT 385+65 LT  
 40.5

MANUFACTURED TERMINAL SECTION, FLARED  
 DELINEATOR WITH STEEL POST  
~~STA 385+55.0 RT~~  
 STA 387+55.0 RT  
 STONE FILL, TYPE I  
 384+50 - 386+00 LT  
 386+67 RT  
 388+05 RT

BITUMINOUS CONCRETE CURB, TYPE A  
 STA 385+59 TO 386+66 RT  
 STA 386+68 TO 387+46 RT

BITUMINOUS GUTTER  
 388+10 - 388+34 RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<h3>PAVING LAYOUT SHEET 35</h3>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51	
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS	
	FILE NAME: /pave/99cl64/pci64	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pci64la35.i		SHEET 59 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 390+00 TO 392+21 SOLID LT  
 STA 390+00 TO 395+50 SOLID RT  
 STA 392+43 TO 395+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 390+00 TO 392+11 SOLID LT & RT  
 STA 392+31 DOUBLE SOLID LT (TH 286)  
 STA 392+51 TO 395+50 SOLID LT & RT

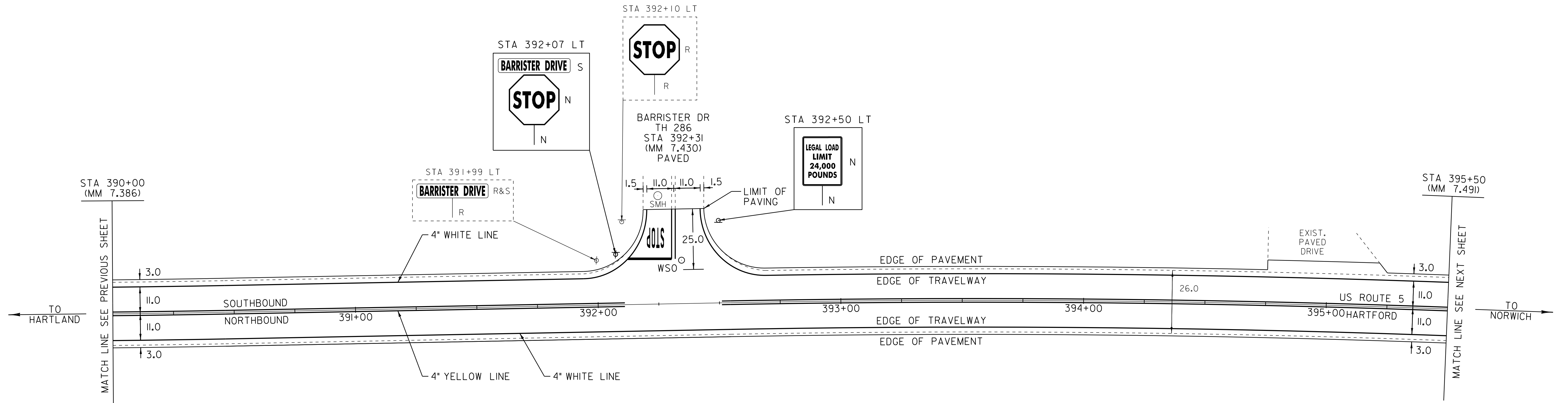
TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 392+25 LT - "STOP" (TH 286)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 392+13 TO 392+31 LT (TH 286)

ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 392+35 LT (TH 286)

REMOVING SIGNS  
 AS SHOWN - 2

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
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 36</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
FILE NAME: /pave/99cl64/pcl64	PLOT DATE: 14-FEB-2012 15:51	
PROJECT LEADER: PTS	DRAWN BY: MRS	
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pcl64la36.i	SHEET 60 OF 137	

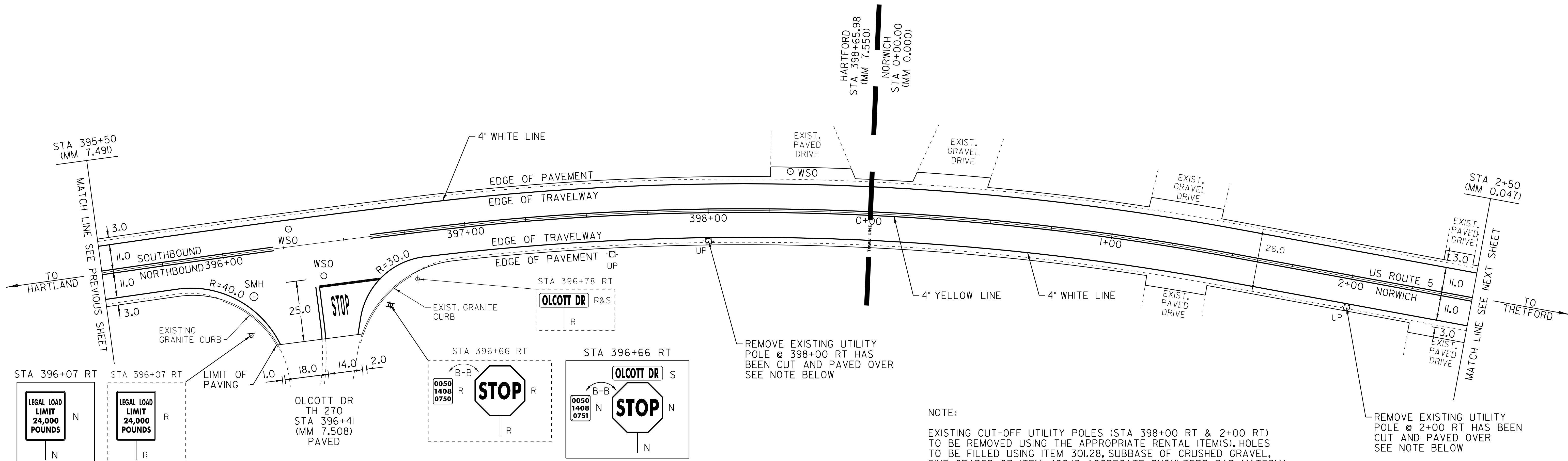
TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 HARTFORD  
 STA 395+50 TO 396+19 SOLID RT  
 STA 395+50 TO 398+66 SOLID LT  
 STA 396+51 TO 398+66 SOLID RT  
 NORWICH  
 STA 0+00 TO 2+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 HARTFORD  
 STA 395+50 TO 396+17 SOLID LT & RT  
 STA 396+37 DOUBLE SOLID RT (TH 270)  
 STA 396+57 TO 398+66 SOLID LT & RT  
 NORWICH  
 STA 0+00 TO 2+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 396+45 RT - "STOP" (TH 270)  
 TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 396+38 TO 396+63 RT (TH 270)

CHANGING ELEVATION  
 OF SEWER MANHOLES (NON PART.)  
 STA 396+11 RT (TH 270)  
 ADJUST ELEVATION  
 OF VALVE BOX (NON PART.)  
 STA 396+28 LT  
 STA 396+40 RT  
 STA 398+33 LT

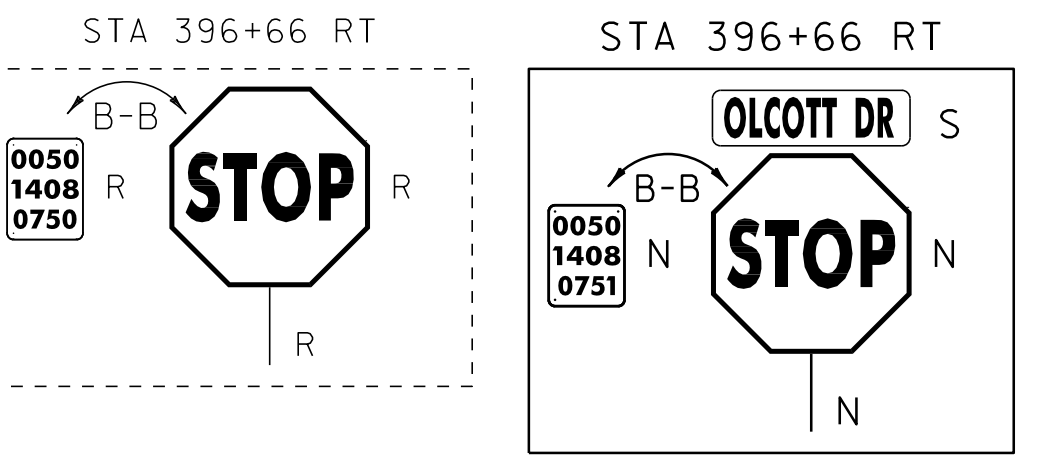
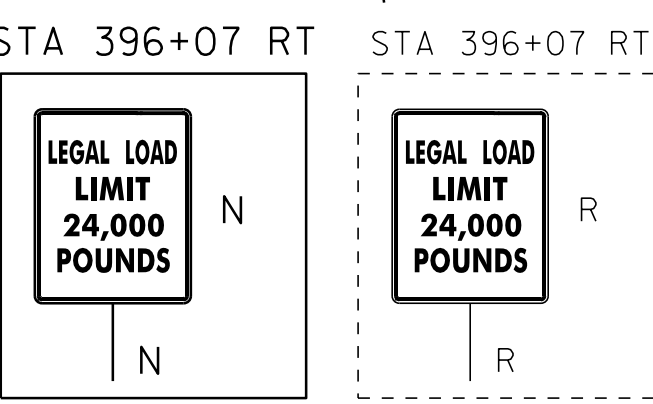
REMOVING SIGNS  
 AS SHOWN - 4  
 ERECTING SALVAGED SIGNS  
 AS SHOWN - 1



REMOVE EXISTING UTILITY  
 POLE @ 398+00 RT HAS  
 BEEN CUT AND PAVED OVER  
 SEE NOTE BELOW

REMOVE EXISTING UTILITY  
 POLE @ 2+00 RT HAS BEEN  
 CUT AND PAVED OVER  
 SEE NOTE BELOW

NOTE:  
 EXISTING CUT-OFF UTILITY POLES (STA 398+00 RT & 2+00 RT)  
 TO BE REMOVED USING THE APPROPRIATE RENTAL ITEM(S). HOLES  
 TO BE FILLED USING ITEM 301.28, SUBBASE OF CRUSHED GRAVEL,  
 FINE GRADED OR ITEM 402.13, AGGREGATE SHOULDERS, RAP. MATERIAL  
 TO BE COMPACTED AND APPROVED BY THE RESIDENT ENGINEER.



LEGEND

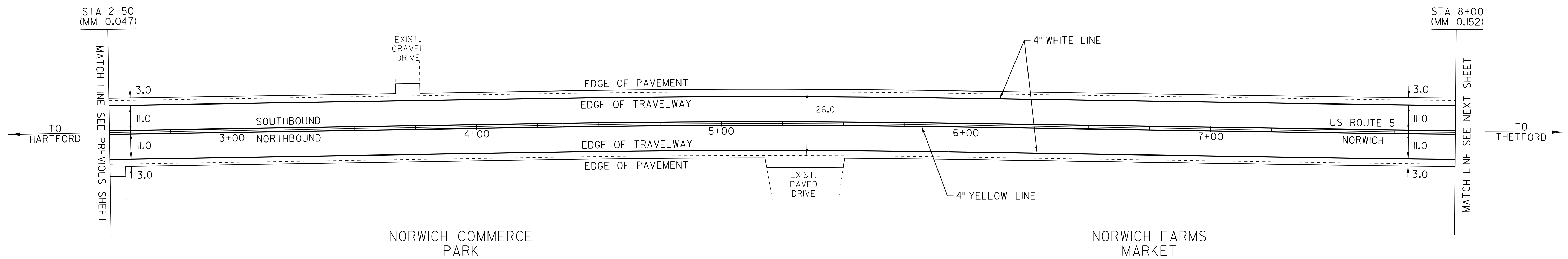
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 37</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la37.i	SHEET 61 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 2+50 TO 8+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 2+50 TO 8+00 SOLID LT & RT



NORWICH COMMERCE PARK

NORWICH FARMS MARKET

LEGEND

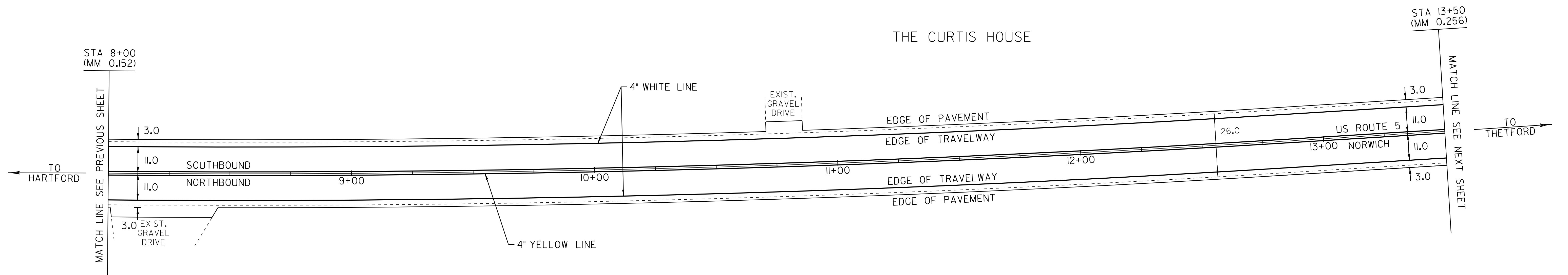
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 38</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:51	
PROJECT LEADER: PTS	DRAWN BY: MRS	
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pci64la38.i	SHEET 62 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 8+00 TO 13+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 8+00 TO 13+50 SOLID LT & RT



LEGEND

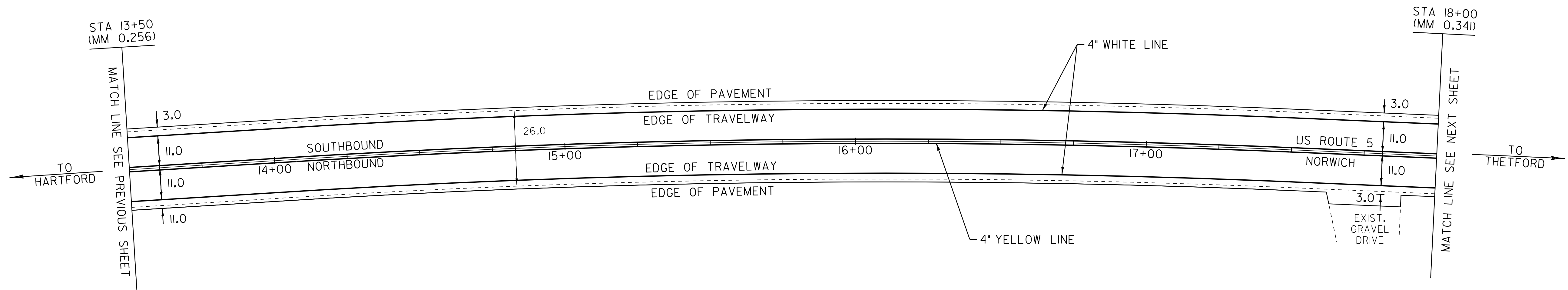
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING          LAYOUT          SHEET 39</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99cl64/pcl64	PLOT DATE: 14-FEB-2012 15:51
PROJECT LEADER: PTS	DRAWN BY: MRS	
DESIGNED BY: NULL	CHECKED BY: NULL	
IPARM FILE NAME: pcl64la39.i	SHEET 63 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 13+50 TO 18+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 13+50 TO 18+00 SOLID LT & RT



**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 40</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pcl64	CHECKED BY: NULL
	PROJECT LEADER: PTS	SHEET 64 OF 137
	DESIGNED BY: NULL	
	IPARM FILE NAME: pcl64la40.i	

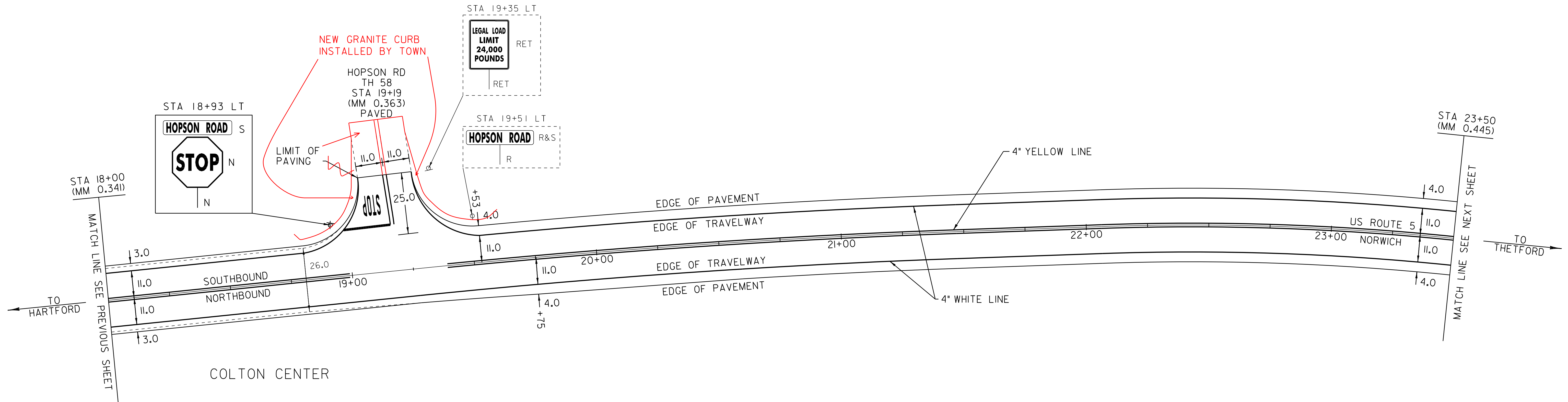
TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 18+00 TO 19+06 SOLID LT  
 STA 18+00 TO 23+50 SOLID RT  
 STA 19+28 TO 23+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 18+00 TO 18+99 SOLID LT & RT  
 STA 19+19 DOUBLE SOLID LT (TH 58)  
 STA 19+39 TO 23+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 19+11 LT - "STOP" (TH 58)  
 TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 18+98 TO 19+17 LT (TH 58)

REMOVING SIGNS  
 AS SHOWN - 1

ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

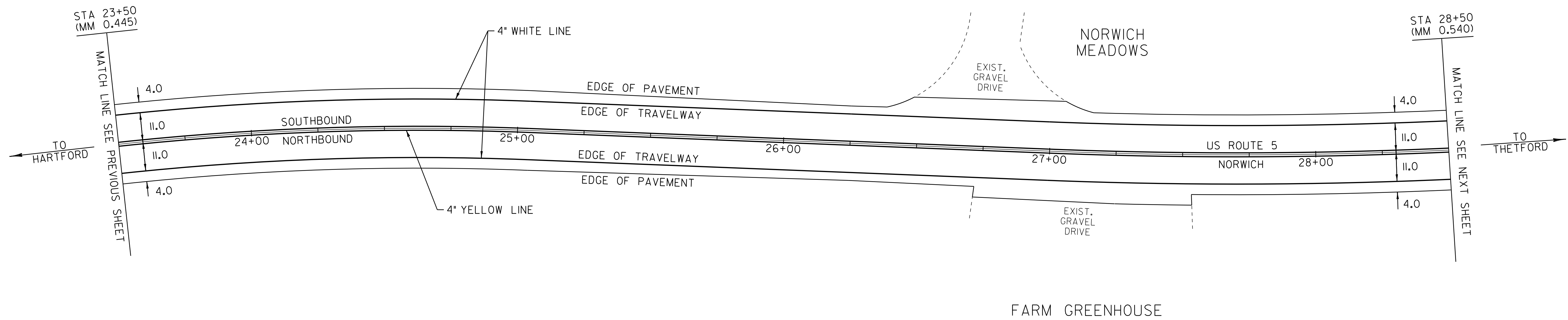


LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ∩ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 41</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:51
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la4li	SHEET 65 OF 137

NOT TO SCALE



LEGEND

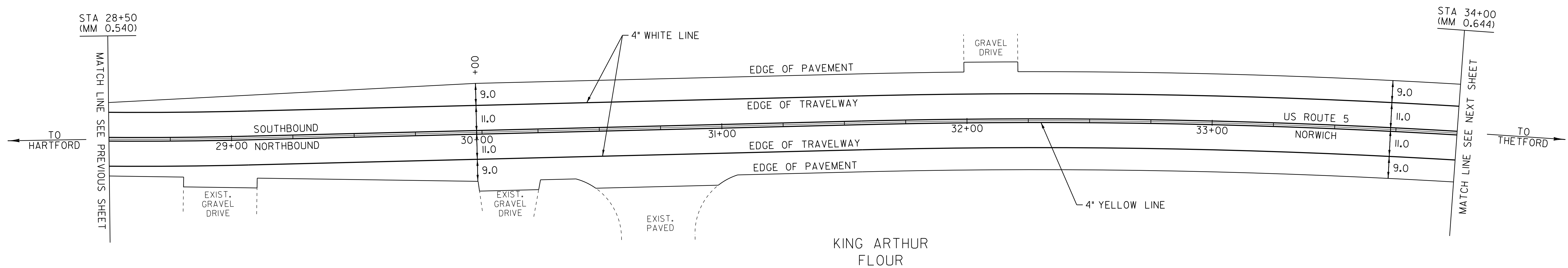
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 42</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:52
	PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL	
IPARM FILE NAME: pci64la42.i	SHEET 66 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 28+50 TO 34+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 28+50 TO 34+00 SOLID LT & RT



**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- - - = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

<b>PAVING LAYOUT SHEET 43</b>	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:52	
PROJECT LEADER: PTS	DRAWN BY: MRS	
DESIGNED BY: NLL	CHECKED BY: NLL	
IPARM FILE NAME: pci64la43.i	SHEET 67 OF 137	

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 34+00 TO 39+50 SOLID LT  
 STA 34+00 TO 37+98 SOLID RT  
 STA 38+25 TO 39+50 SOLID RT

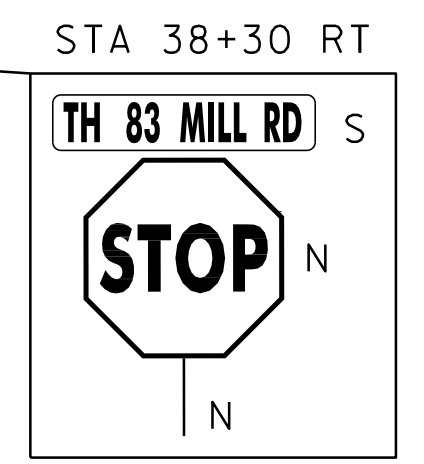
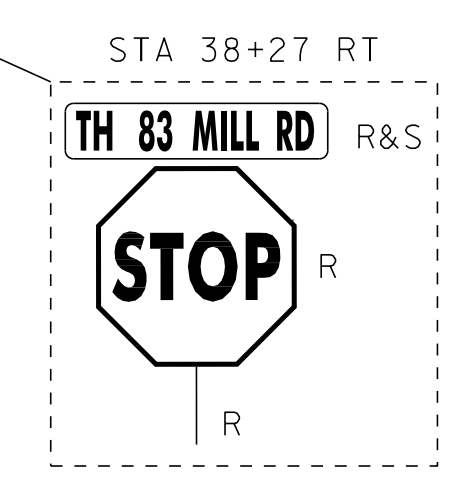
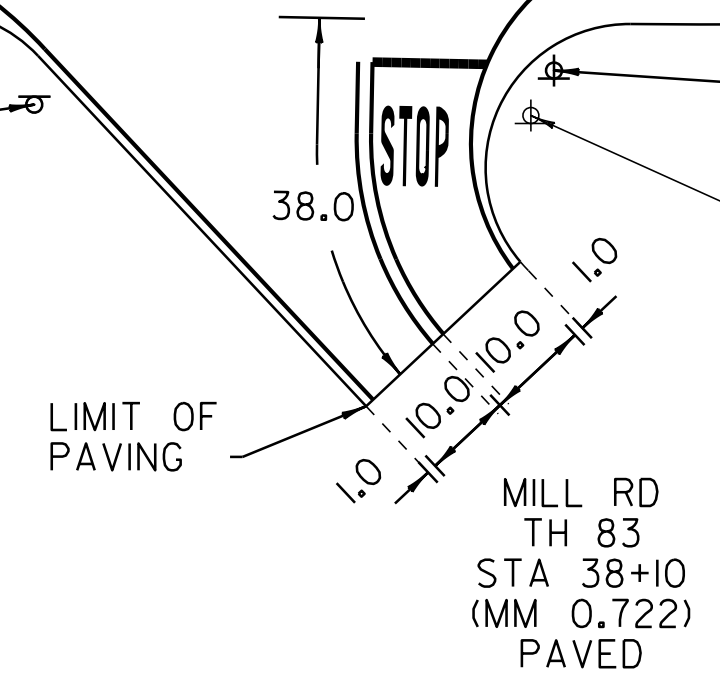
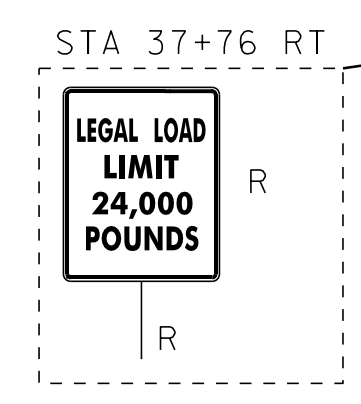
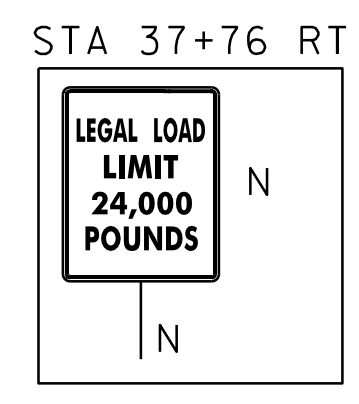
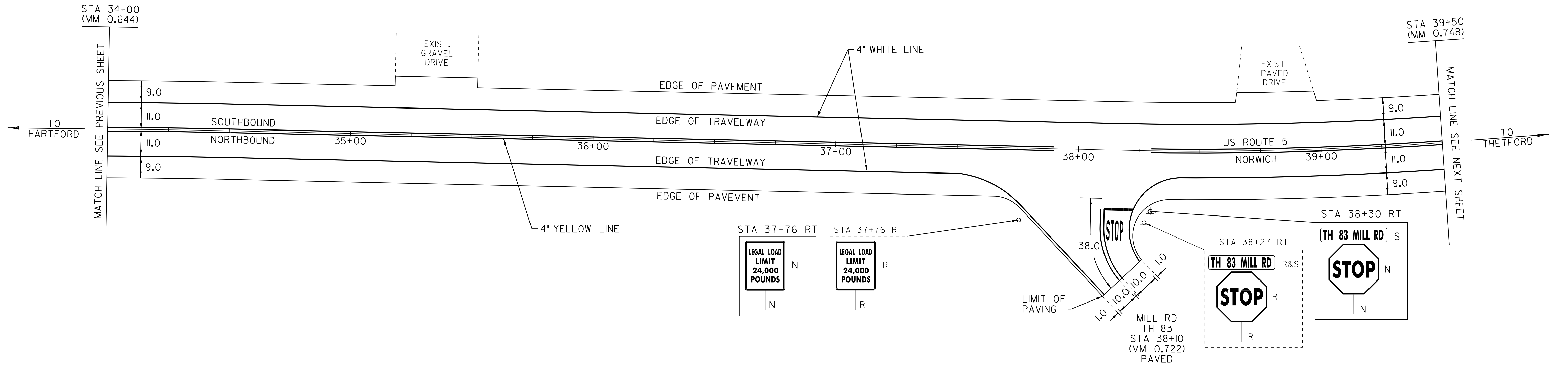
TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 34+00 TO 37+90 SOLID LT & RT  
 STA 38+10 DOUBLE SOLID RT ( TH 83)  
 STA 38+30 TO 39+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT  
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA 38+15 RT - "STOP" ( TH 83)

TEMPORARY 24" STOP BAR, PAINT  
 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA 38+11 TO 38+23 RT ( TH 83)

REMOVING SIGNS  
 AS SHOWN - 3

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
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

NOT TO SCALE

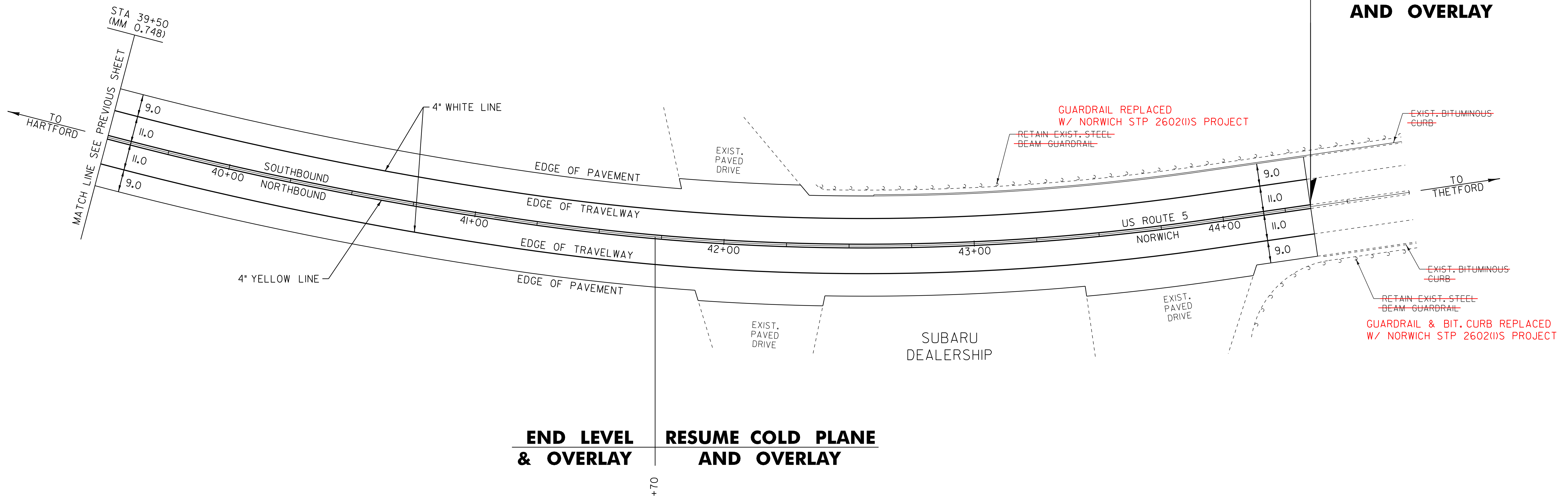
<b>PAVING LAYOUT SHEET 44</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:52
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la44.i	SHEET 68 OF 137

TEMPORARY 4" WHITE LINE, PAINT  
 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA 39+50 TO 44+35 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT  
 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA 39+50 TO 44+35 SOLID LT & RT

BITUMINOUS CONCRETE, CURB TYPE A  
 42+60 - 44+35 LT

**US ROUTE 5  
 STA 44+35.0  
 (MM 0.840)  
 END PROJECT  
 STP 2206(1)S  
 END COLD PLANE  
 AND OVERLAY**



**END LEVEL & OVERLAY** | **RESUME COLD PLANE AND OVERLAY**

+70

**LEGEND**

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- — — = EXISTING GUARDRAIL
- — — = PROPOSED GUARDRAIL
- ↑ = TYPE I DELINEATOR, WHITE

<b>PAVING LAYOUT SHEET 45</b>	PROJECT NAME: HARTFORD-NORWICH	PLOT DATE: 14-FEB-2012 15:52
	PROJECT NUMBER: STP 2206(1)S	DRAWN BY: MRS
	FILE NAME: /pave/99cl64/pci64	CHECKED BY: NLL
	DESIGNED BY: NLL	SHEET 69 OF 137

NOT TO SCALE

# TRAFFIC SIGN SUMMARY SHEET #1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL											
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL		REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER							
												lb/ft	1.2	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-A-TION	3.0		3.5	4.0				5.0	FTG. SIZE		WEIGHT	POST SIZE		
																																	24"	30"				
OPTION ITEMS																																						
HARTFORD WILDER STATE HIGHWAY																																						
H 0+17 LT						I																												SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.				
H 31+00 RT						I				2					X																							
H 37+77 CL		I	24	30	5.00					1					X																			R4-7		E-144		
		I	18	18	2.25																																	
		I	18	18	2.25																																	
H 38+47 CL		I	24	30	5.00					1					X																							
		I	18	18	2.25																																	
		I	18	18	2.25																																	
H 38+56 RT						I				1					X																							
		I	30	30	6.25																																	
HARTFORD US ROUTE 5																																						
256+61LT		I	24	30	5.00					1					X																							
		I	18	18	2.25																																	
		I	18	18	2.25																																	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VTRANS "SIGN POST DESIGN GUIDELINE."

<b>SHEET TOTALS</b>	SF	SF	EA.	EA.		FT	FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	41.00		4			96.0				90.0										

**TRAFFIC SIGN SUMMARY SHEET #1**

PROJECT NAME: HARTFORD-NORWICH  
PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pci64  
PROJECT LEADER: PTS  
DESIGNED BY: NLL  
IPARM FILE NAME: pci64+ss01.i

PLOT DATE: 14-FEB-2012 15:52  
DRAWN BY: MRS  
CHECKED BY: NLL  
SHEET 70 OF 137













