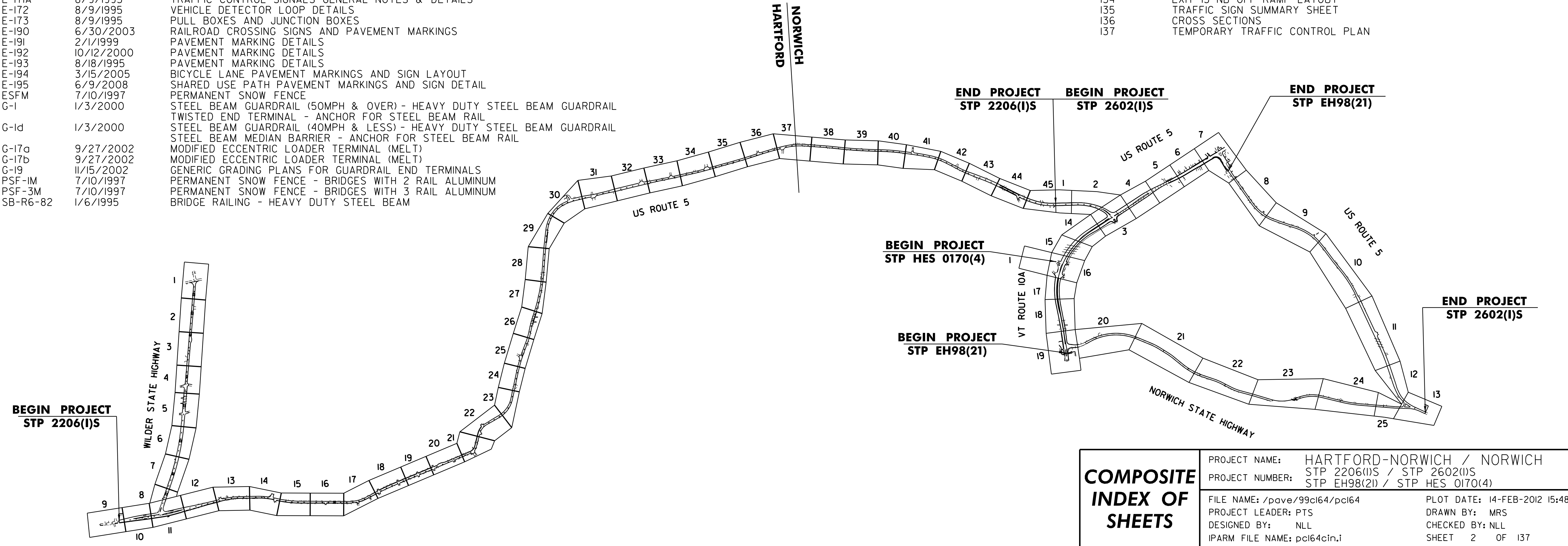


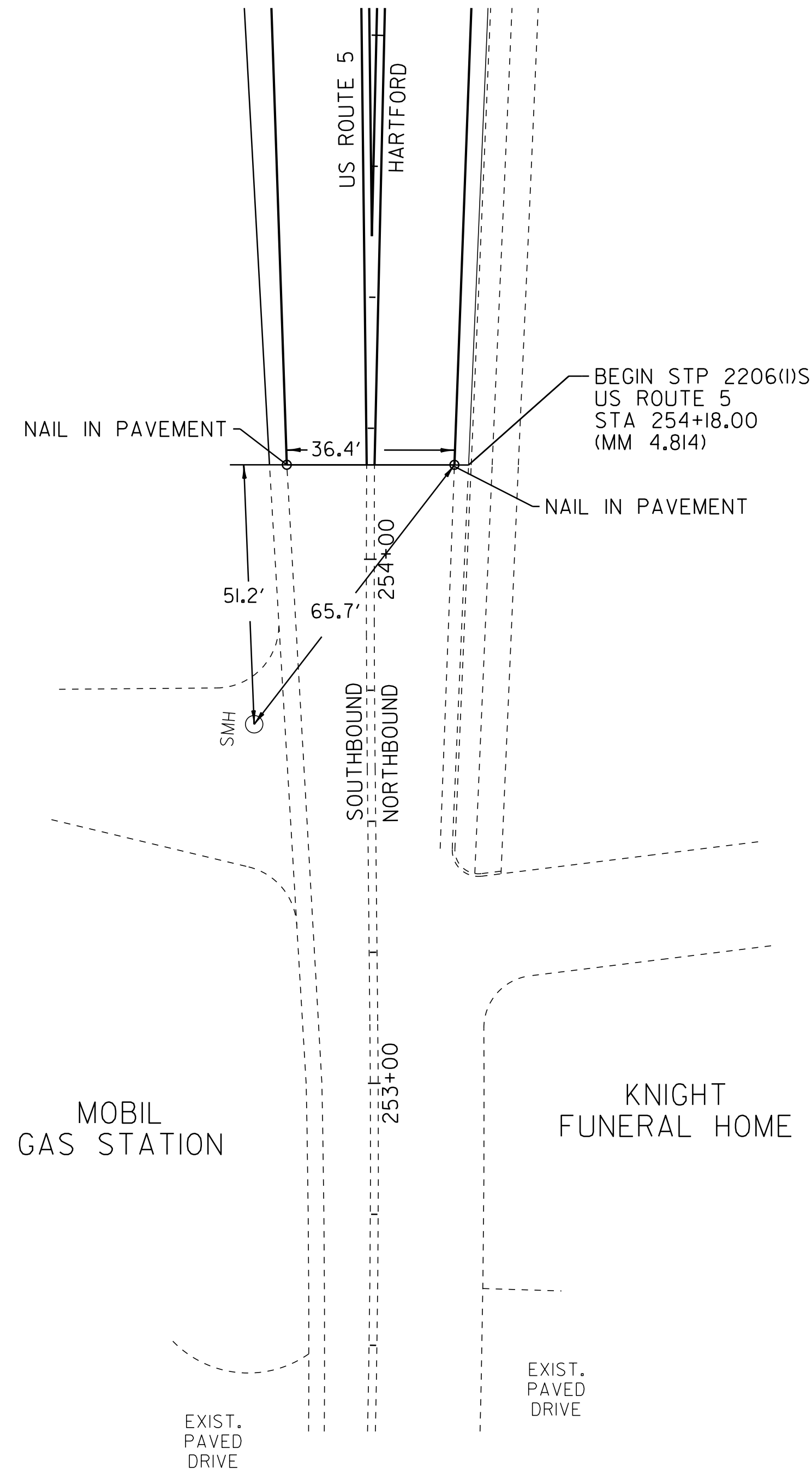
INDEX OF STANDARD PLANS

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
G-1d	1/3/2000	TWISTED END TERMINAL - ANCHOR FOR STEEL BEAM RAIL
G-17a	9/27/2002	STEEL BEAM GUARDRAIL (40MPH & LESS) - HEAVY DUTY STEEL BEAM GUARDRAIL
G-17b	9/27/2002	STEEL BEAM MEDIAN BARRIER - ANCHOR FOR STEEL BEAM RAIL
G-19	11/15/2002	MODIFIED ECCENTRIC LOADER TERMINAL (MELT)
PSF-1M	7/10/1997	MODIFIED ECCENTRIC LOADER TERMINAL (MELT)
PSF-3M	7/10/1997	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS
SB-R6-82	1/6/1995	PERMANENT SNOW FENCE - BRIDGES WITH 2 RAIL ALUMINUM
		BRIDGE RAILING - HEAVY DUTY STEEL BEAM

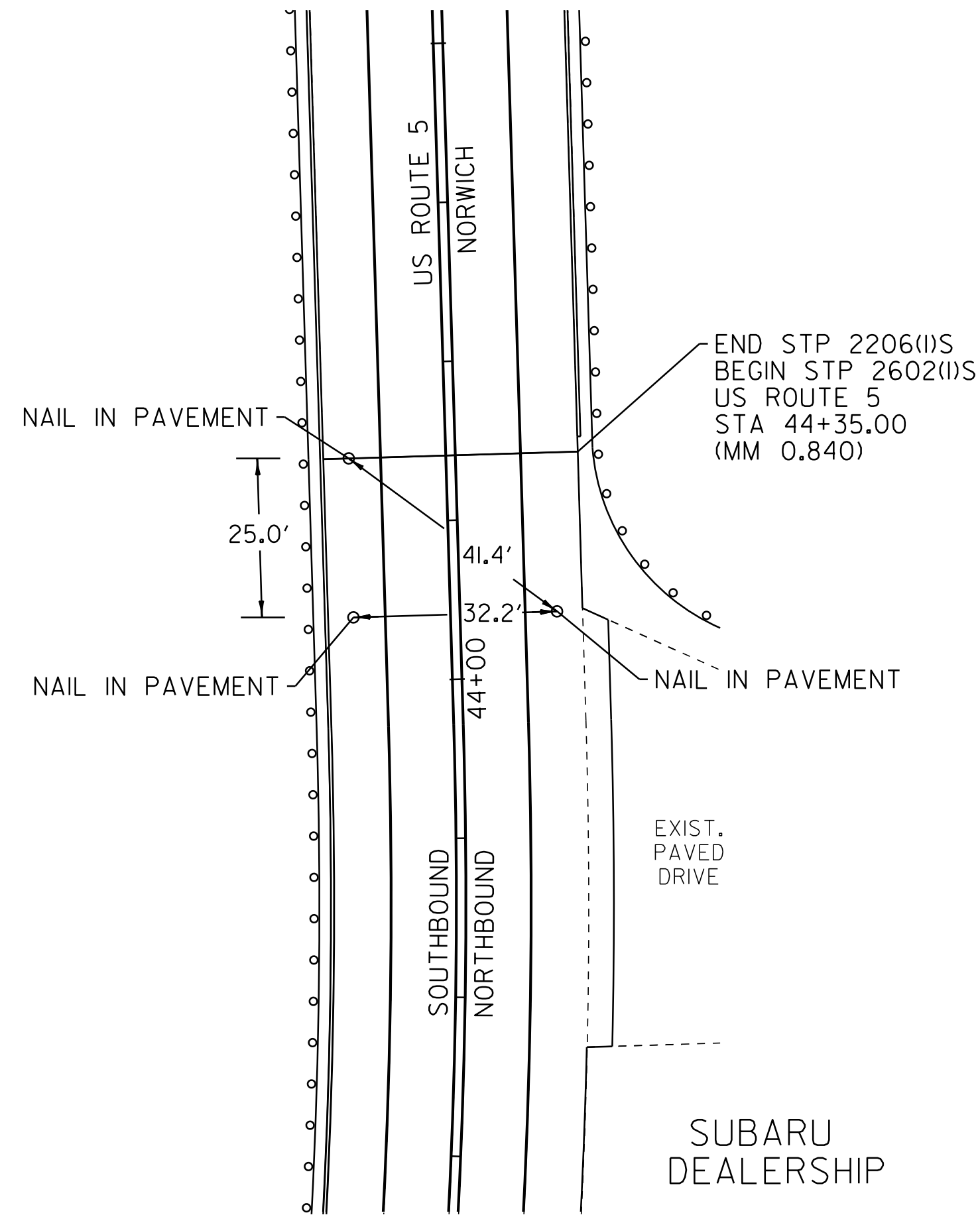
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	TEMPORARY TRAFFIC CONTROL PLAN

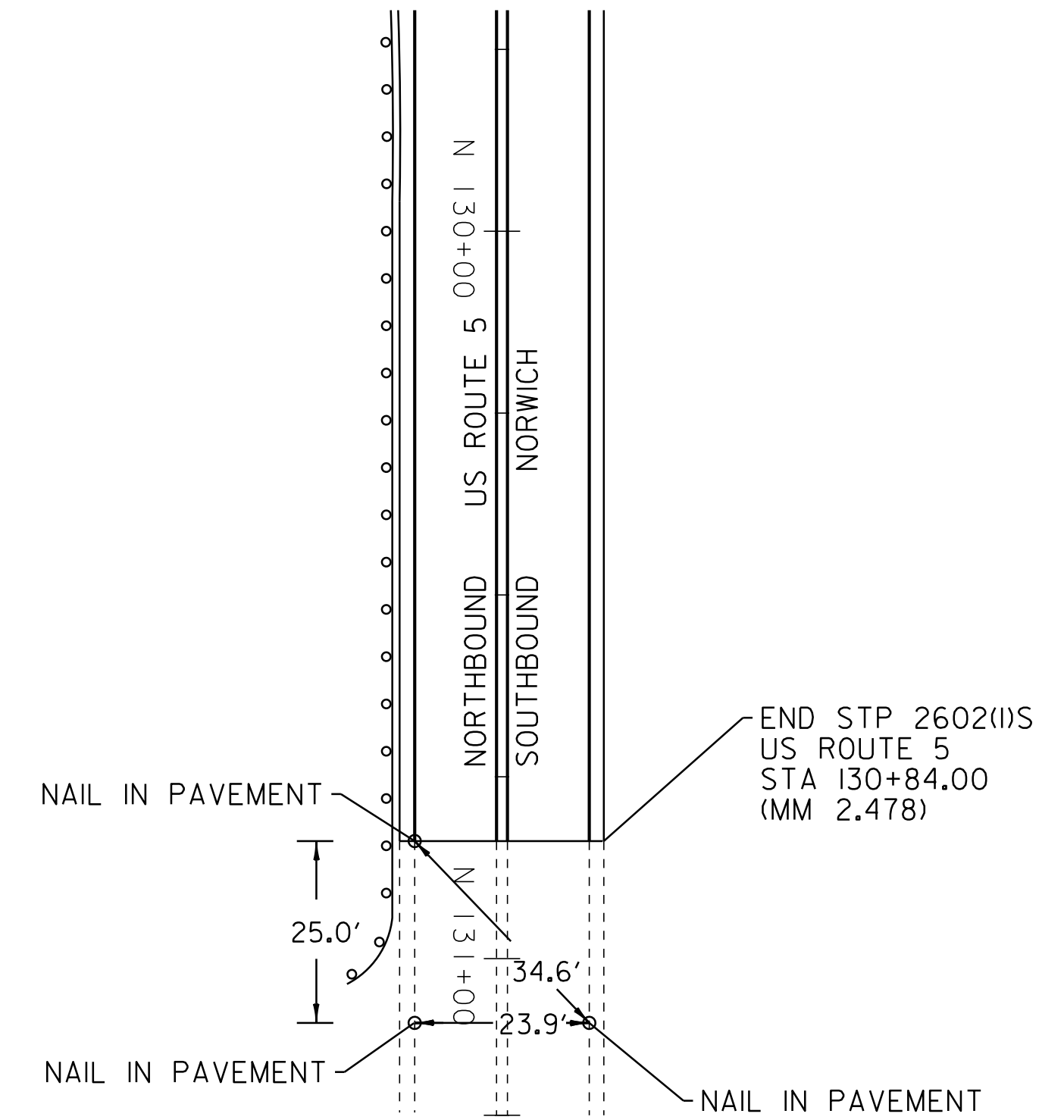




**BEGIN STP 2206(1)S
LOCATION TIES
US ROUTE 5**



**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	
PROJECT NUMBER: STP 2206(1)S / STP 2602(1)S	
FILE NAME: /pave/99ci64/pcl64	PLOT DATE: 14-FEB-2012 15:48
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pcl64cptso1.i	SHEET 3 OF 137

COMPOSITE QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
	STP 2206(I)S				STP 2602(I)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.									
	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			FOR INDIVIDUAL PROJECT BREAKDOWNS SEE SHEETS 19, 84 & 132.
	860				760								1620		CY	EARTH BORROW	203.30	8			
	1570												1570		LF	SHOULDER BERM REMOVAL	203.40	23			
	I				I								2		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
					I								I		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			
	I				I					I	I		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					
	I				I								2		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-			
	I				I								2		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-			
	I				I								2		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-			
	I				I								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			
PROJECT NAME: HARTFORD - NORWICH																					
PROJECT NUMBER: STP 2206(I)S/STP 2602(I)S STP EH98(2)I/STP HES 0170(4)																					
FILE NAME: /pave/99cl64/pcl64										PLOT DATE: 14-FEB-2012 15:48											
PROJECT LEADER: PTS										DRAWN BY: MRS											
DESIGNED BY: NULL										CHECKED BY: PTS											
IPARM FILE NAME: pcl64cqs01.i										SHEET 4 OF 137											

COMPOSITE QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
	STP 2206(I)S				STP 2602(I)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 (NO FED/ STATE PART)	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			960		LF	VERTICAL GRANITE CURB	616.21	8.7			
	1010				2280								3290		LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	14			
	35				115					495	400		1045		LF	REMOVING AND RESETTING CURB	616.40	18			
	10												10		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1			
	85				90					670			845		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(I)S/STP 2602(I)S STP EH98(2)I/STP HES 0170(4)I																					
FILE NAME: /pave/99cl64/pci64										PLOT DATE: 14-FEB-2012 15:48											
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DESIGNED BY: NLL										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(I)S				STP 2602(I)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 (NO FED/ STATE PART)	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		2130		HR	UNIFORMED TRAFFIC OFFICERS	630.10	2				
	3540				2580						90		6210		HR	FLAGGERS	630.15	2				
					200								200		HR	FLAGGERS, RAILROAD	630.20	-				
				0.46					0.48	0.04		0.02	1		LS	FIELD OFFICE, ENGINEERS	631.10	-				
				0.10					0.10	0.80			1		LS	TESTING EQUIPMENT, CONCRETE	631.16	-				
				0.46					0.48	0.04		0.02	1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-				
				0.46					0.48	0.04		0.02	1		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		1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-				
	1												1		LS	TRAFFIC CONTROL (STP 2206 (I)S)	641.10	-				
					1								1		LS	TRAFFIC CONTROL (STP 2602(I)S)	641.10	-				
											1		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		7		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		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		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						50		1095		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	11				
	179				249						10		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						575		28175		LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	44				
					300						350		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						50		2140		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	22				
PROJECT NAME: HARTFORD - NORWICH																					PLOT DATE: 14-FEB-2012 15:48	
PROJECT NUMBER: STP 2206(I)S/STP 2602(I)S STP EH98(2)I/STP HES 0170(4)I																					DRAWN BY: MRS	
FILE NAME: /pave/99cl64/pci64																					DESIGNED BY: NULL	
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(I)S				STP 2602(I)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									
	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 1	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'')(PVC)(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'')(PVC)(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			

STP 2206(I)S

STATION	POSITION	QUANTITY (SY)
HARTFORD		
WSH		
H 4+44	LT	26.1
H 12+92	RT	30.8
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
267+50	LT	6.2
267+67	RT	23.3 22.4
268+15	RT	23.8 23.0
268+29	LT	11.6
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
295+71	LT	6.7
296+49	LT	7.9 10.2
296+79	LT	6.7 9.3
298+26	RT	27.2
298+69	LT	4.8 5.6
299+22	LT	6.3 6.7
299+86	LT	7.0 7.6
300+20	RT	20.0
SUBTOTAL I		454.1

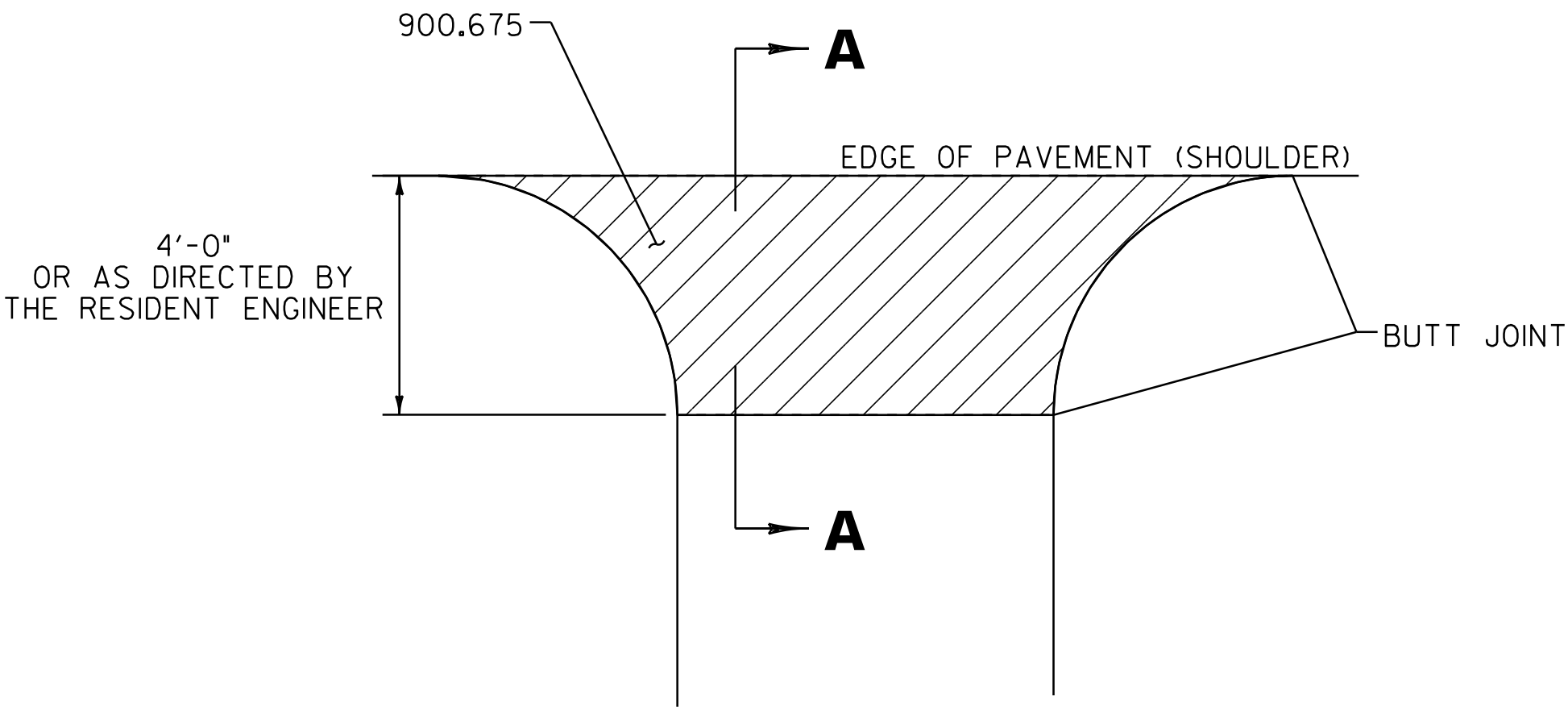
STATION	POSITION	QUANTITY (SY)
302+11	RT	4.1
302+11	LT	9.3 5.7
303+25	RT	4.2
303+45	LT	5.5 6.3
303+92	RT	7.1
305+51	RT	5.1
305+55	LT	8.1 7.0
305+88	RT	10.7
306+48	LT	4.0 7.2
306+54	RT	8.9
306+73	RT	4.4
308+01	RT	14.7 26.2
311+86	RT	11.8 16.8
312+72	RT	5.0 6.1
313+36	RT	5.2 5.7
314+16	RT	4.4
315+12	RT	13.1 29.8
315+80	RT	7.6
315+92	LT	6.6
316+28	RT	7.4 8.0
321+98	RT	8.9
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

[illegible][illegible]

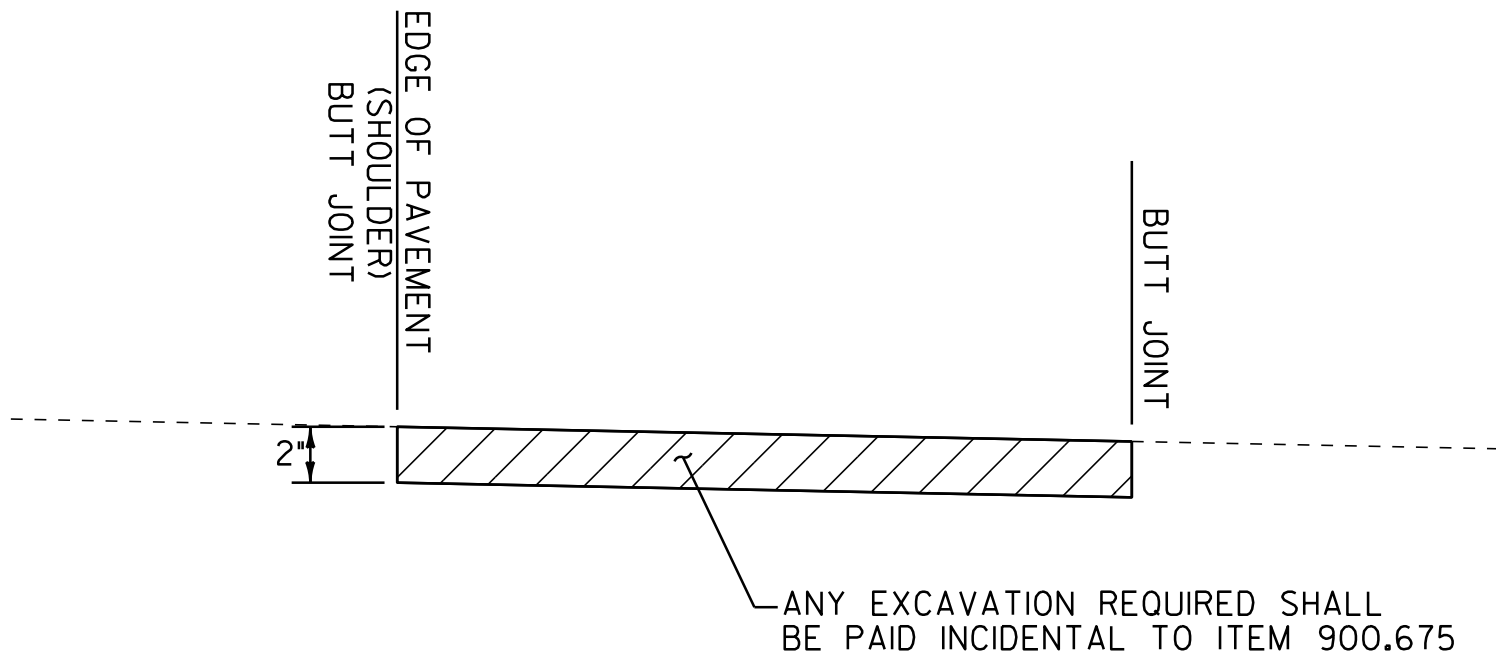
COMPOSITE HANDWORK DETAIL SHEET 1

PROJECT NAME:	HARTFORD-NORWICH / NORWICH		
PROJECT NUMBER:	STP 2206(I)S / STP 2602(I)S		
FILE NAME:	/pave/99c164/pcl164	PLOT DATE:	14-FEB-2012 15:48
PROJECT LEADER:	PTS	DRAWN BY:	MRS
DESIGNED BY:	NLL	CHECKED BY:	NLL
IPARM FILE NAME:	pc164chwd01i	SHEET	7 OF 137

STP 2602(I)S						
STATION	POSITION	QUANTITY (SY)		STATION	POSITION	QUANTITY (SY)
NORWICH				N 101+67	RT	8.9
US ROUTE 5				N 102+22	RT	35.6
N 64+50	LT	18.3		N 104+46	LT	11.6
N 64+82	RT	14.2		N 105+91	LT	16.1
N 67+33	LT	4.8		N 107+67	RT	18.7
N 67+55	LT	5.7		N 108+08	LT	11.7
N 68+72	LT	6.5		N 109+25	LT	12.4
N 69+72	LT	6.6		N 109+94	RT	6.7
N 71+24	LT	4.4		N 110+44	LT	12.4
N 74+32	LT	16.5		N 118+52	LT	23.4
N 77+76	RT	13.7		N 122+37	RT	8.9
N 77+95	LT	5.1		N 125+73	RT	53.3
N 78+78	RT	23.8		NSH		
N 79+01	LT	5.1		302+29	LT	105.3
N 79+99	LT	7.1		304+30	LT	59.2
N 81+06	LT	6.2		305+93	LT	110.0
N 81+06	RT	31.1		323+08	RT	7.1
N 81+32	LT	6.2		323+76	LT	48.0
N 82+95	LT	5.3		324+16	RT	36.0
N 83+36	RT	4.4		325+46	RT	9.3
N 83+62	LT	8.0		328+54	RT	20.0
N 83+80	RT	4.9		329+01	RT	73.3
N 84+38	LT	7.0		329+73	RT	8.9
N 85+02	LT	7.0		330+64	RT	32.4
N 85+02	RT	36.2		336+26	RT	93.6
N 86+62	RT	48.4		340+48	LT	40.2
N 88+51	LT	5.2		340+94	LT	15.6
N 89+69	RT	53.6		342+81	LT	19.7
N 90+35	LT	16.0		344+86	LT	36.3
N 91+59	RT	8.9	347+02	LT	68.7	
N 91+82	LT	35.0	347+84	LT	12.2	
N 92+74	LT	10.8	348+40	LT	6.7	
N 95+97	RT	53.3	350+56	LT	11.6	
N 98+45	LT	9.3	352+52	LT	13.3	
N 98+45	RT	46.7	355+54	LT	66.7	
N 101+27	LT	36.0	SUBTOTAL 1		571.6	
SUBTOTAL 1		571.6	SUBTOTAL 2		1113.7	
			ROUNDING		34.7	
			TOTAL		1720.0	

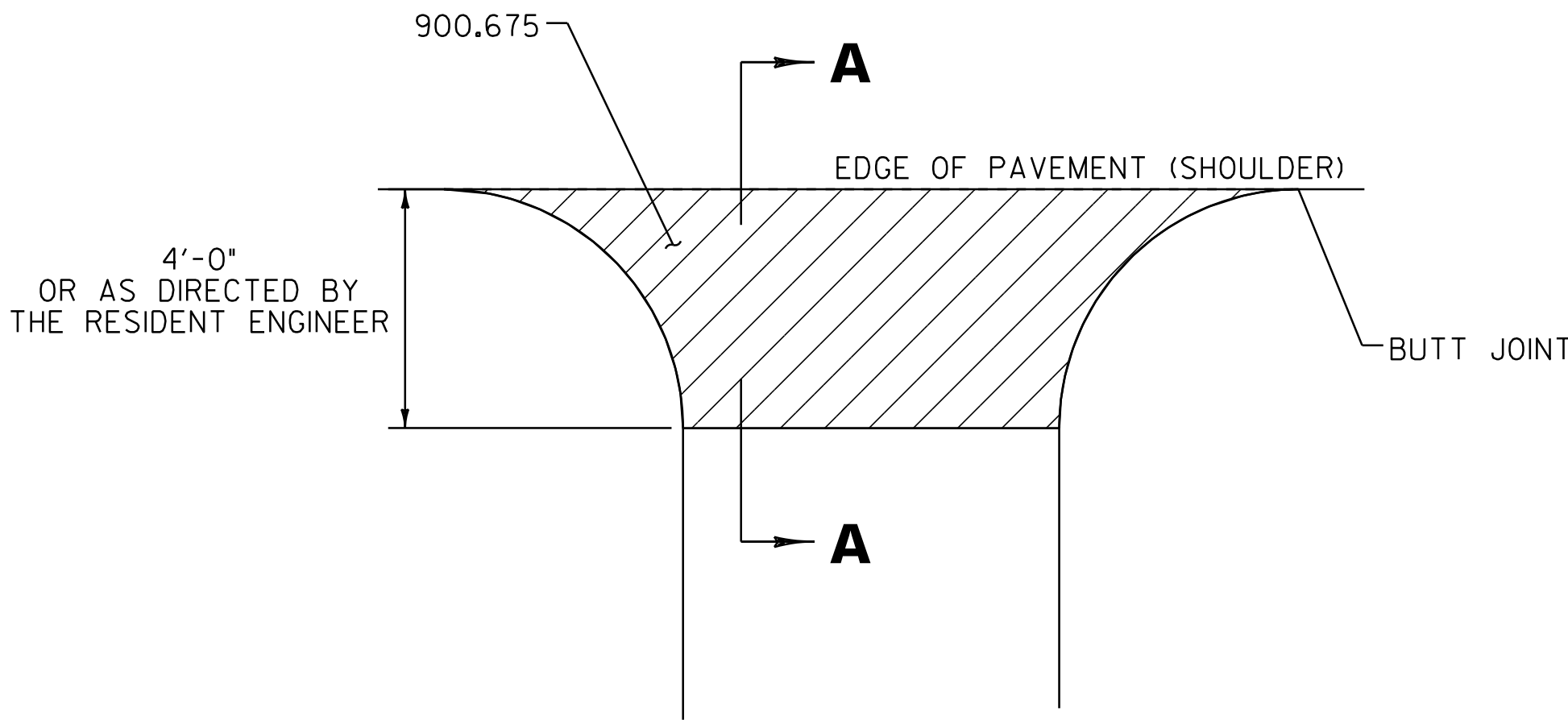


PLAN

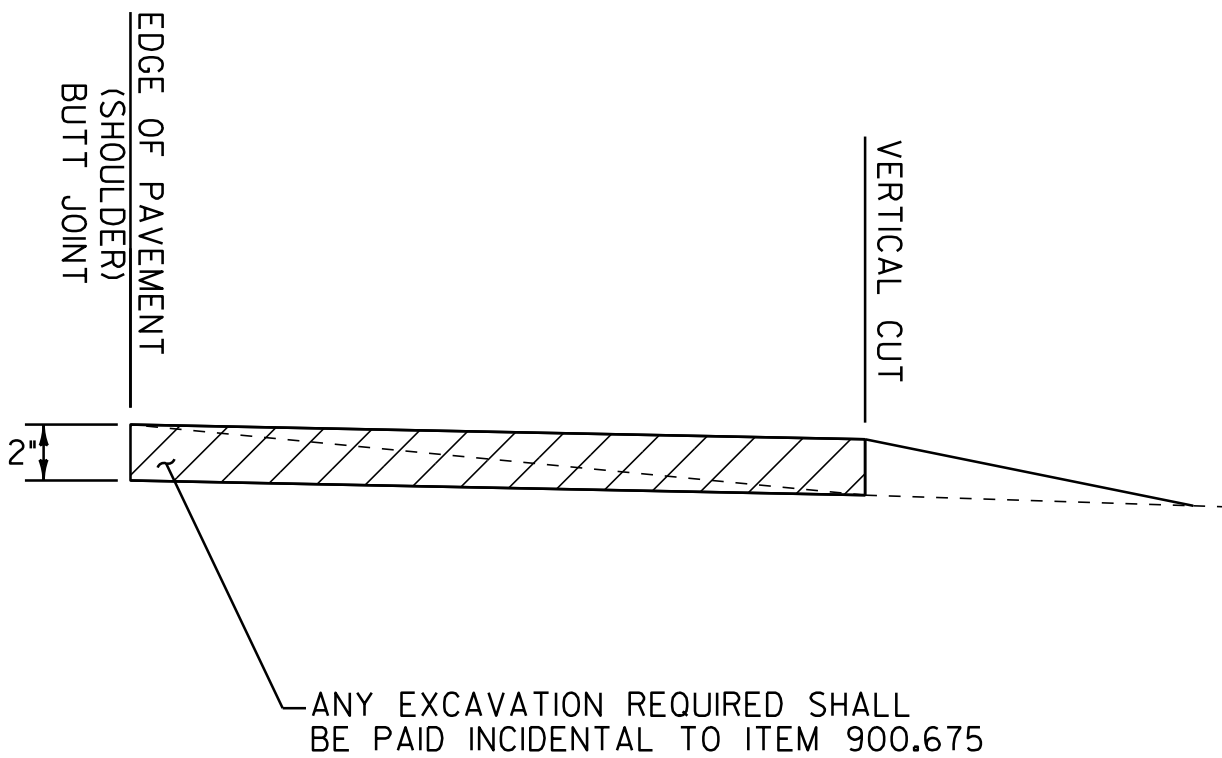


SECTION A - A

HANDWORK DETAILS FOR PAVED DRIVES



PLAN



SECTION A - A

HANDWORK DETAILS FOR GRAVEL DRIVES

NOTES:

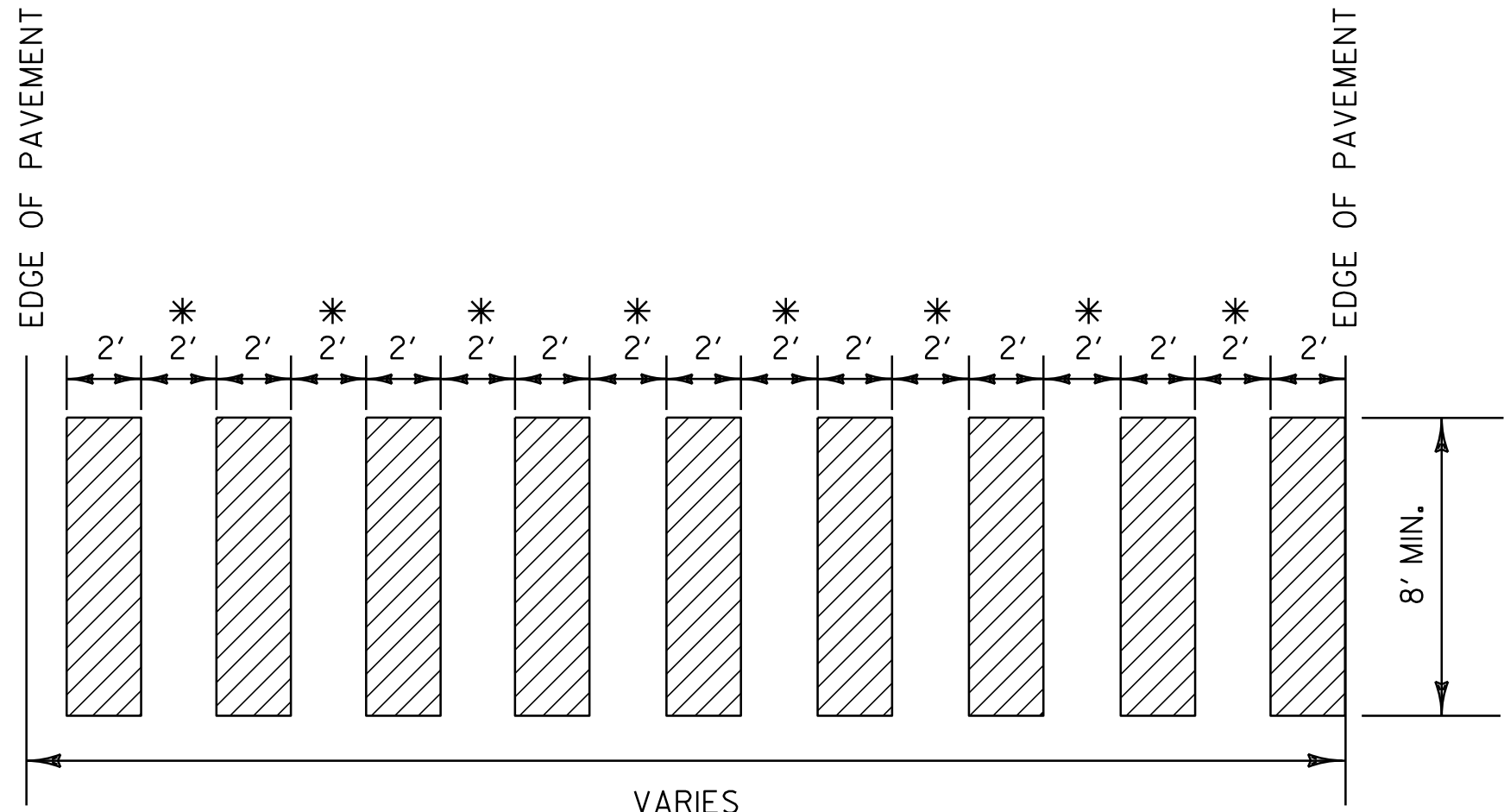
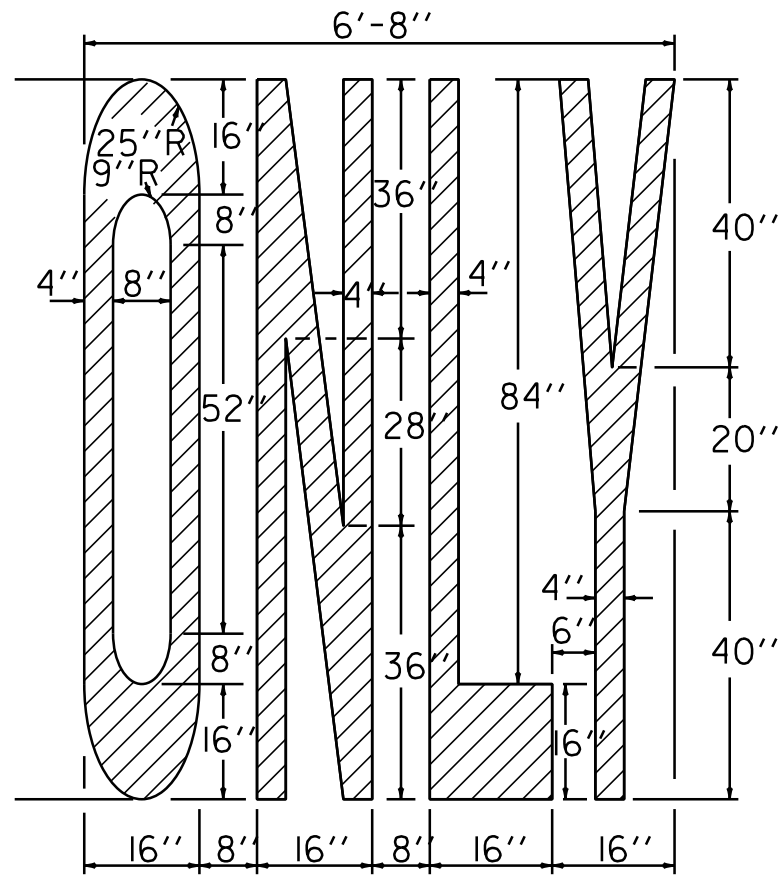
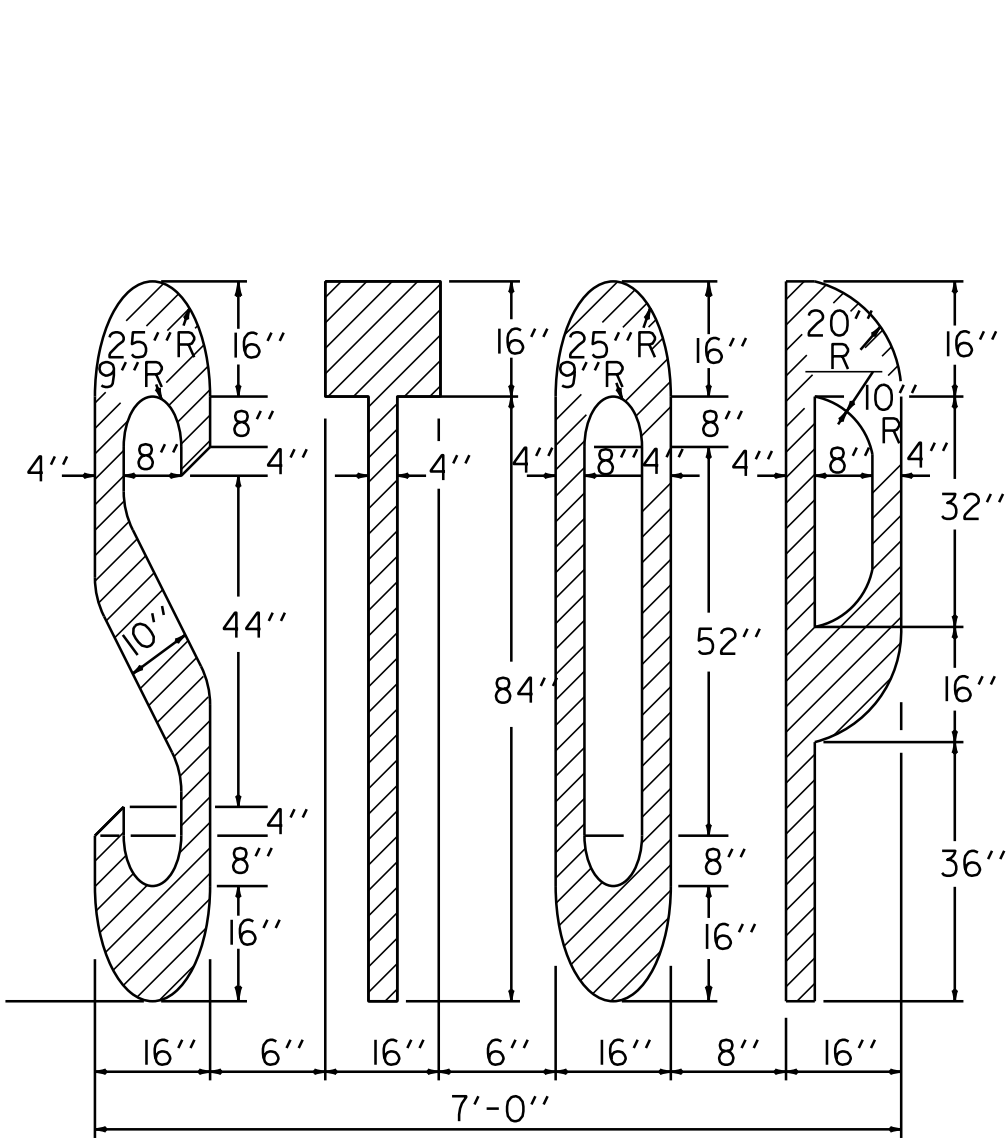
- PAVING LIFT NOT TO EXCEED 2" (50mm)
- THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE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

LEGEND

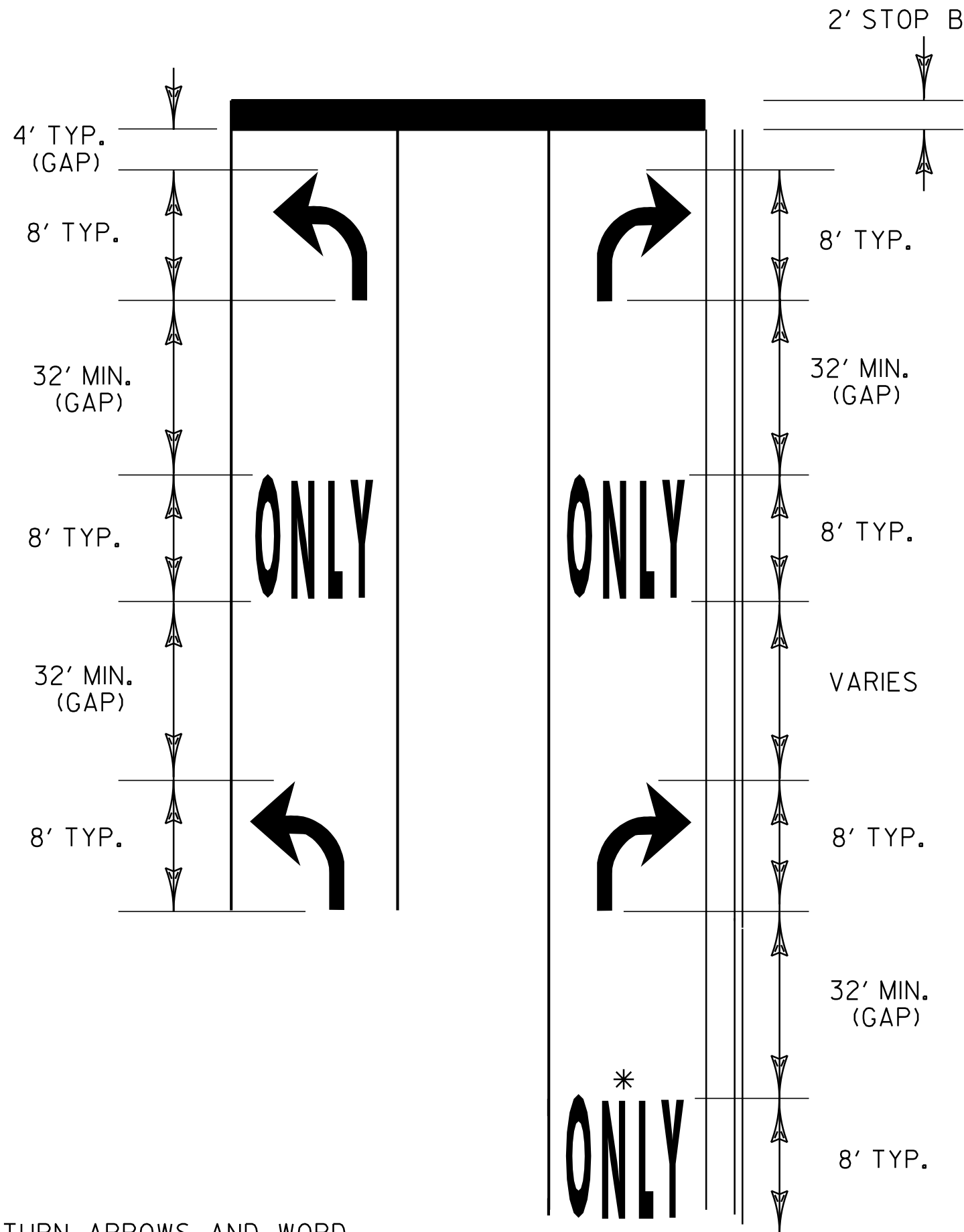
ITEM 900.675 - SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)

COMPOSITE
HANDWORK
DETAIL
SHEET 2

PROJECT NAME:	HARTFORD-NORWICH / NORWICH
PROJECT NUMBER:	STP 2206(I)S / STP 2602(I)S
FILE NAME:	/pave/99ci64/pcl64
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	pcl64chwd02.i
PLOT DATE:	14-FEB-2012 15:48
DRAWN BY:	MRS
CHECKED BY:	NLL
SHEET	8 OF 137



BLOCK PATTERN CROSSWALK DETAIL



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

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

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

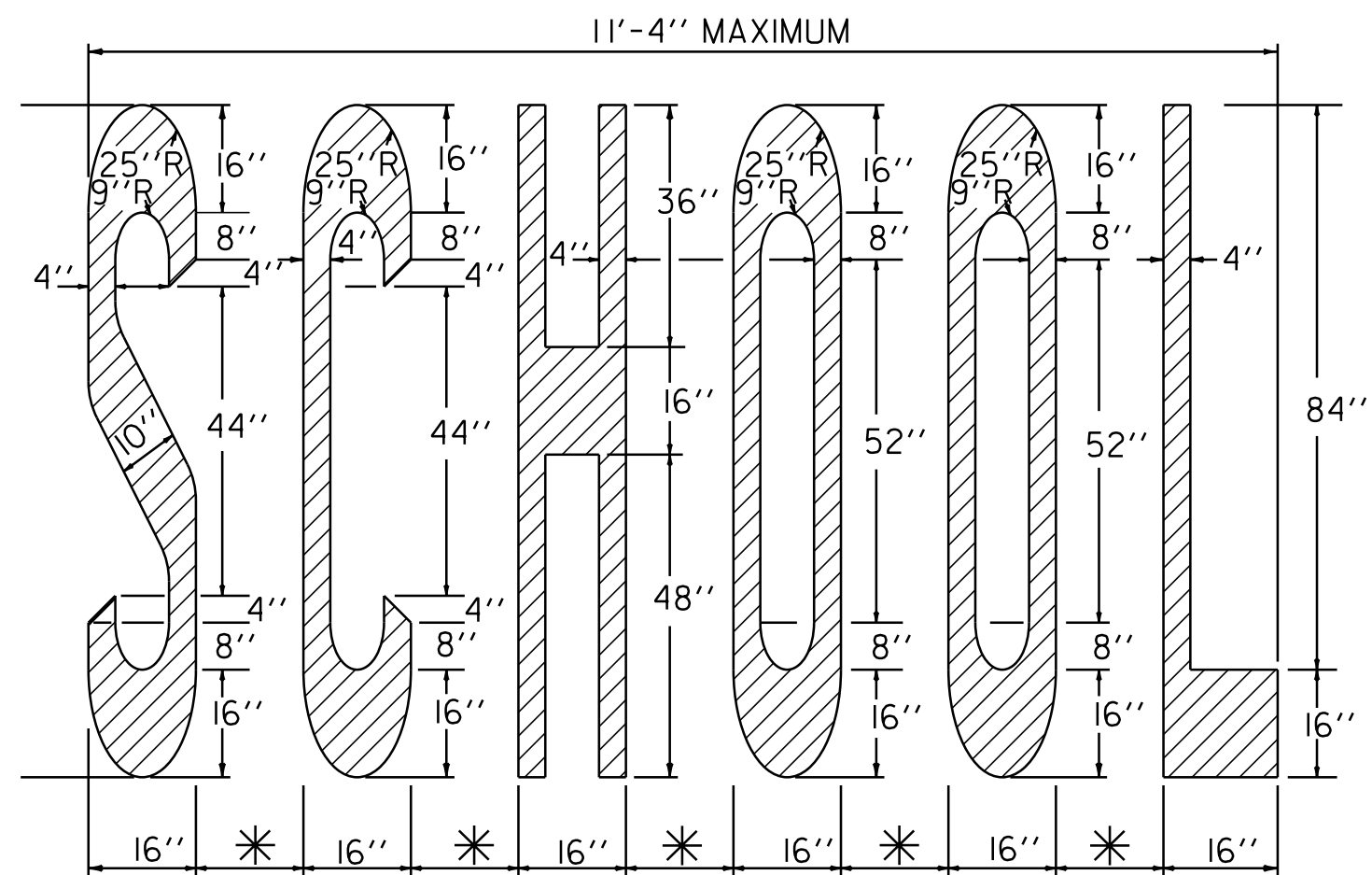
EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.

TYPICAL MARKINGS FOR TURN LANES

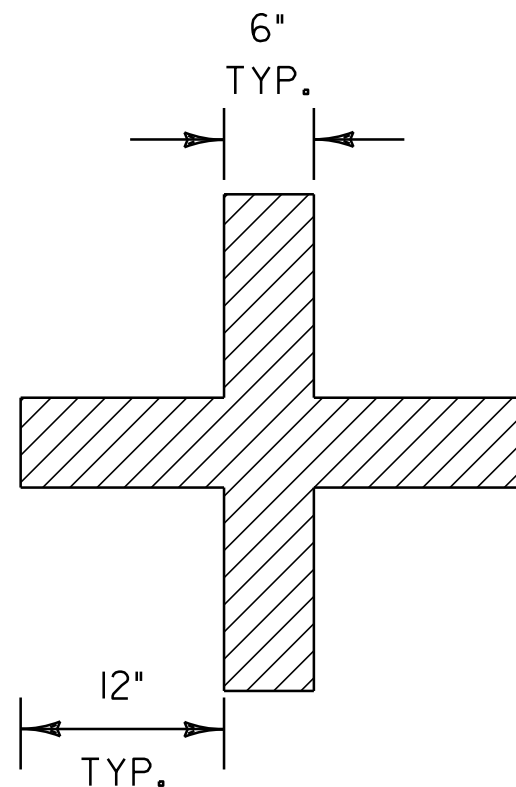
**COMPOSITE
TYPICAL
PAVEMENT
MARKINGS**

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

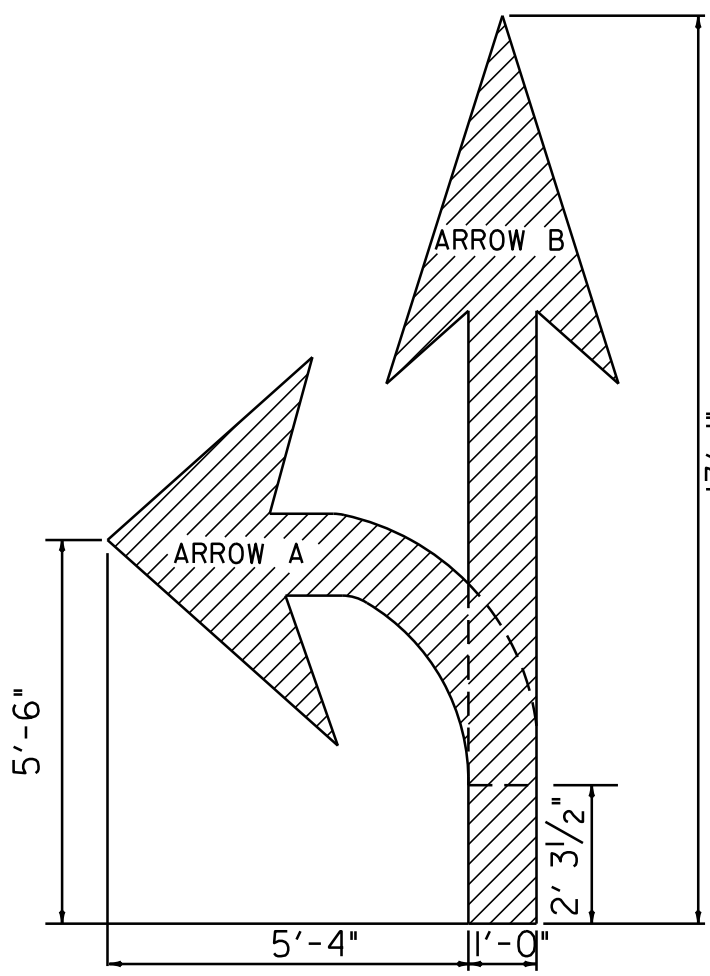
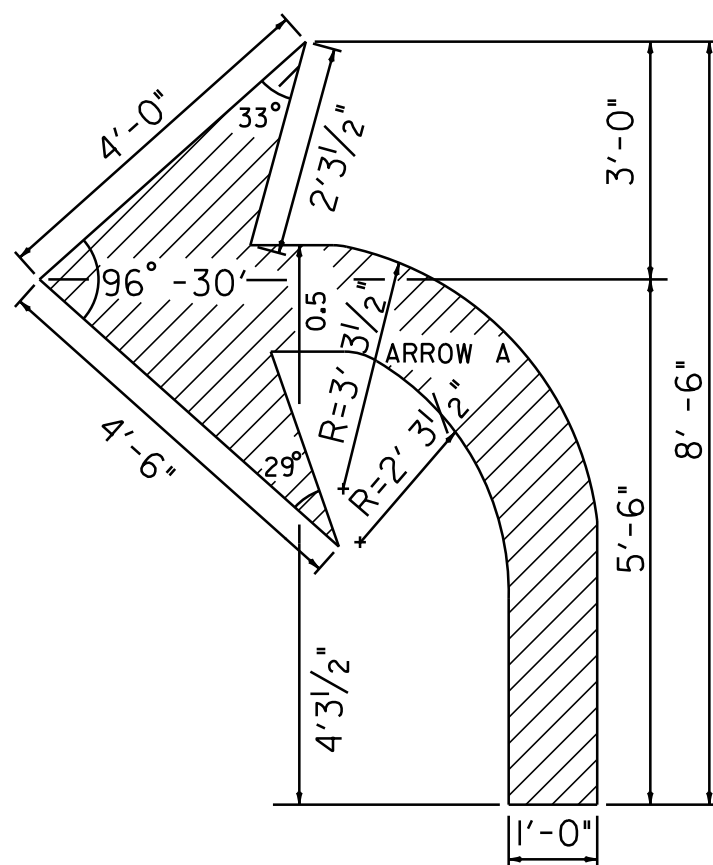
FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64c+pm0Li
PLOT DATE: 14-FEB-2012 15:48
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 9 OF 137



* (4'-8') - ADJUST TO AVAILABLE PAVEMENT WIDTH

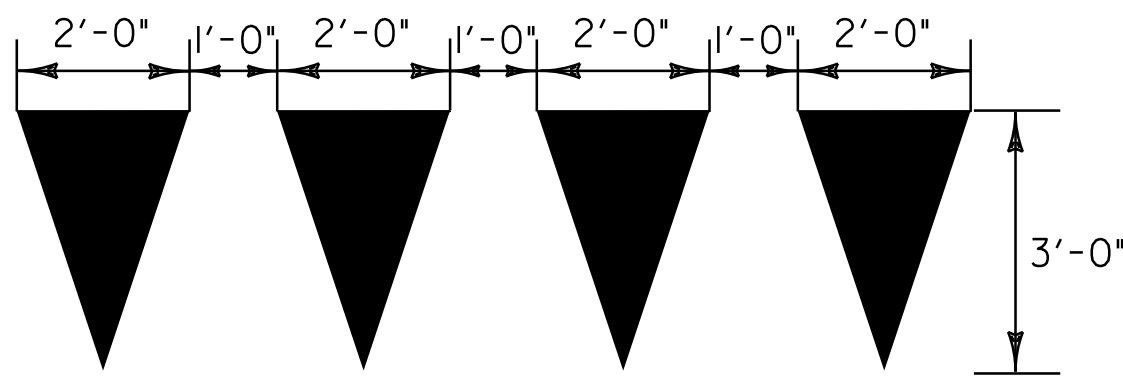


PARKING SPACE MARKING DETAIL



TO BE PAID AS TWO SYMBOLS

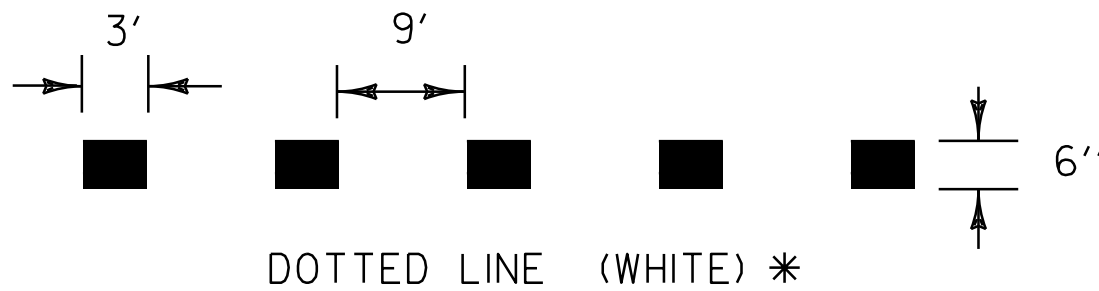
ARROW DETAILS



YIELD LINE DETAILS

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

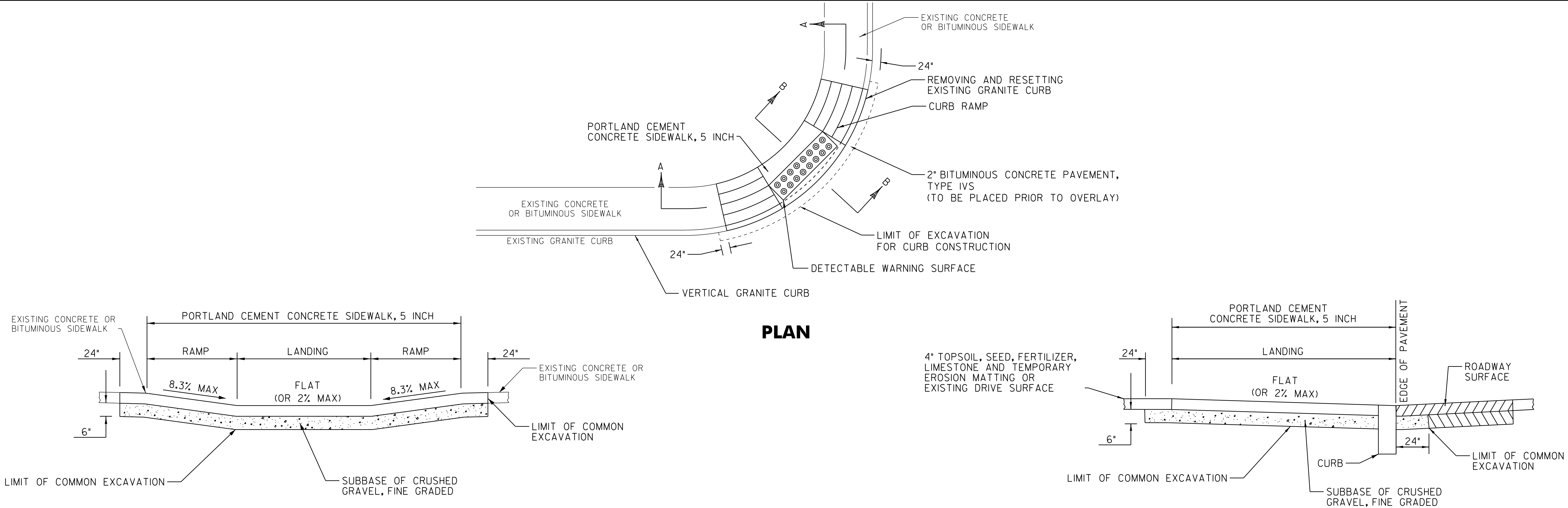
* TO BE INSTALLED ONLY AT THE DIRECTION OF THE RESIDENT ENGINEER



PAVEMENT MARKING LINE DETAIL

NOT TO SCALE

PAVEMENT MARKING DETAILS



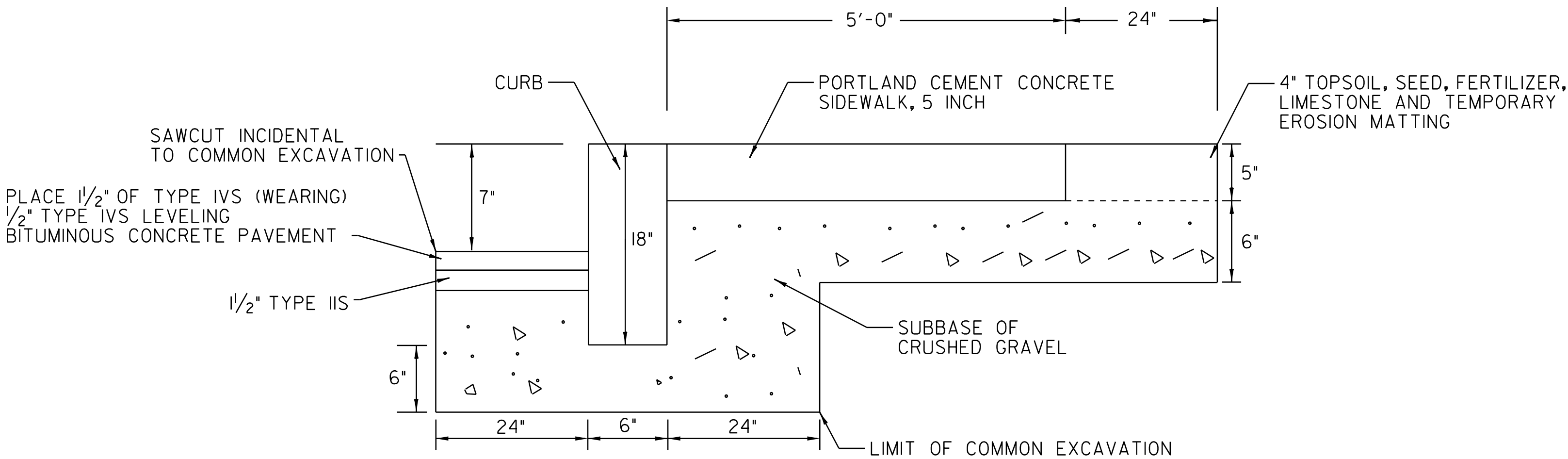
PLAN

SECTION A-A

SECTION B-B

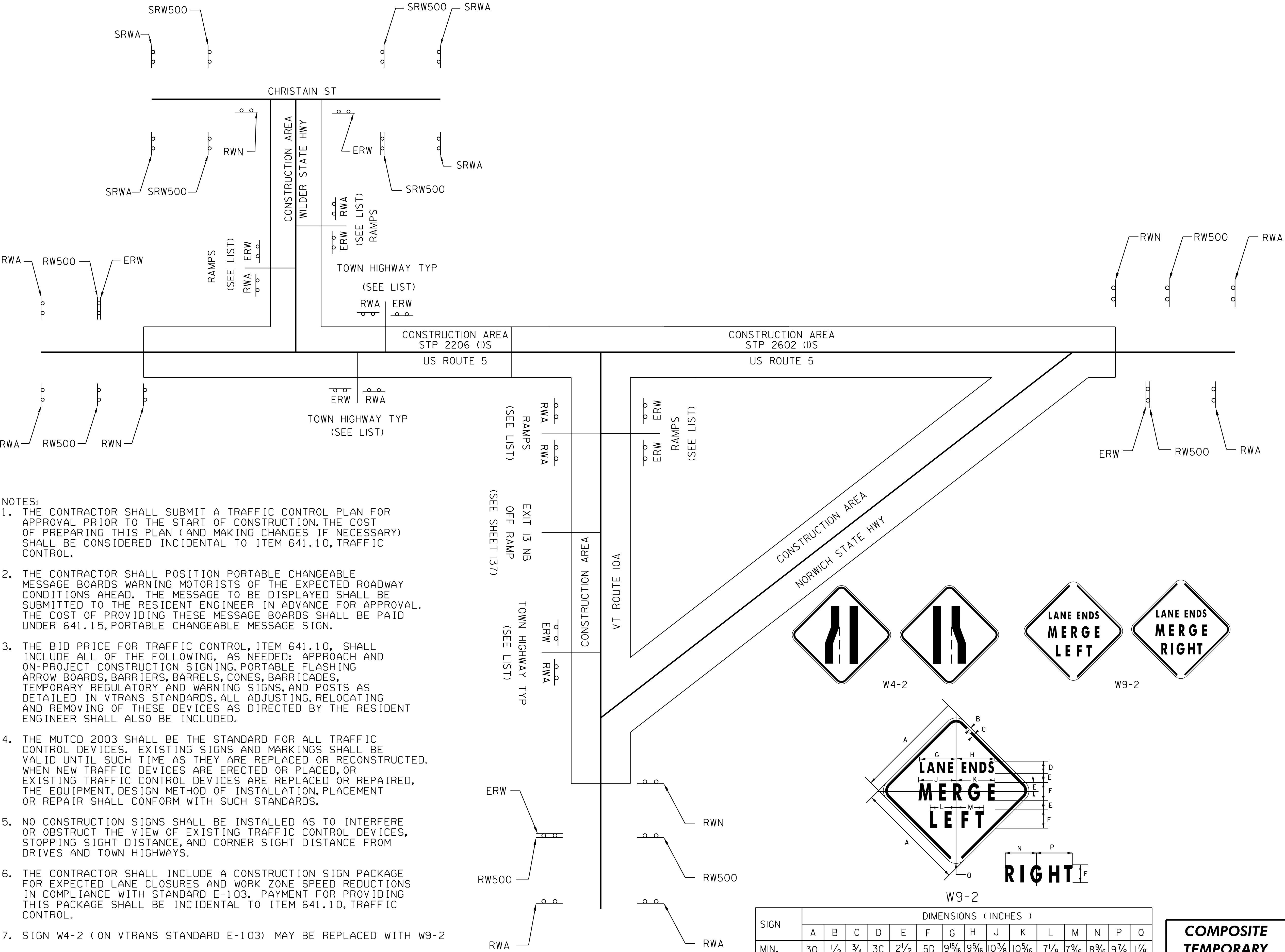
SIDEWALK RAMP PAY LIMIT DETAILS

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

COMPOSITE SIDEWALK PAY LIMITS	PROJECT NAME: HARTFORD-NORWICH / NORWICH	
	PROJECT NUMBER: STP 2206(I)S / STP 2602(I)S	
	FILE NAME: /pave/99ci64/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



- 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 15/16	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

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

COMPOSITE
TEMPORARY
TRAFFIC
CONTROL
PLAN

PROJECT NAME:	HARTFORD-NORWICH / NORWICH				
PROJECT NUMBER:	STP 2206(I)S / STP 2602(I)S				
FILE NAME:	/pave/99ci64/pci64		PLOT DATE: 14-FEB-2012 15:49		
PROJECT LEADER:	PTS		DRAWN BY: MRS		
DESIGNED BY:	NULL		CHECKED BY: NULL		
IPARM FILE NAME:	pci64c+tcp01.i		SHEET 11 OF 137		

TRAFFIC DATA

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 RAMP 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 RAMP D/B TO RAMP 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 RAMP 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

STATE OF VERMONT
AGENCY OF TRANSPORTATION



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

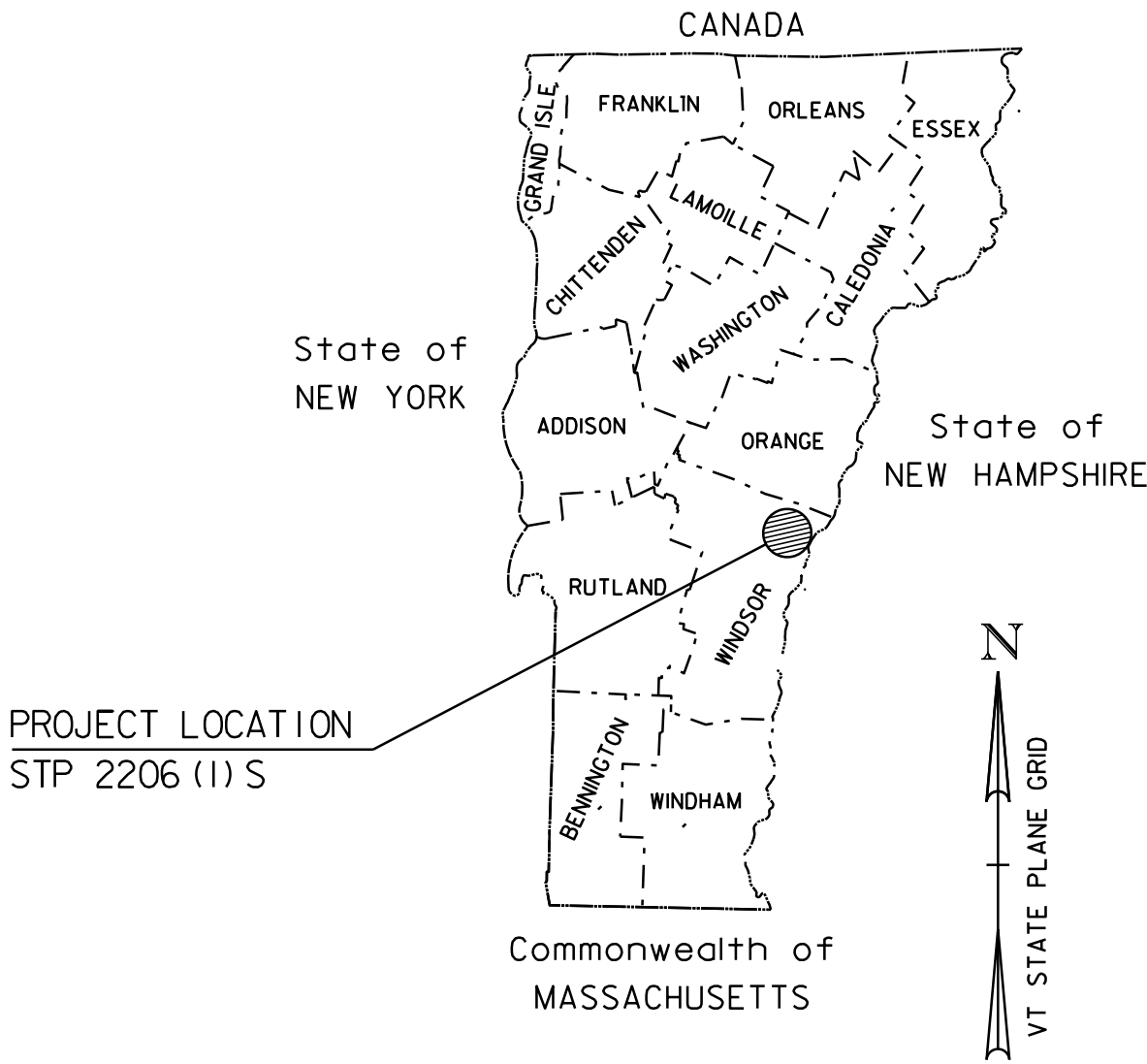
WILDER STATE HIGHWAY: BEGINNING AT THE INTERSECTION WITH TOWN HIGHWAY 9 AT STATION 0+000.00 (MM 0.000) AND EXTENDING EASTERLY ALONG WILDER STATE HIGHWAY A DISTANCE OF 3,908.67 FEET (0.740 MILES) TO THE INTERSECTION WITH US ROUTE 5 AT STATION 39+08.67.
US ROUTE 5: BEGINNING IN HARTFORD ON US ROUTE 5 AT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

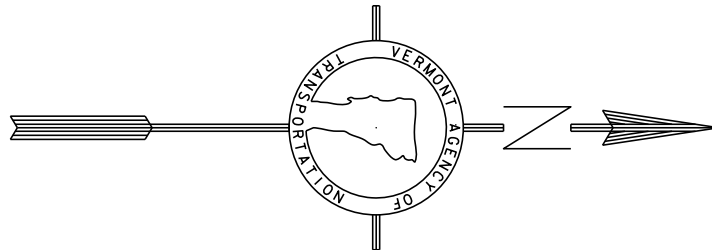
COUNTY LINE		COUNTY LINE
TOWN LINE		TOWN LINE
LIMITS OF ACCESS		
POINT OF ACCESS		
FENCE LINE		
STONE WALL		
TRAVELED WAY		
GUARD RAIL		
RAILROAD		
SURVEY LINE		
CULVERT		
POWER POLE		
TELEPHONE POLE		
TREES		
CONTROL OF ACCESS		
PROPERTY LINE		
R.O.W. TAKING LINE		
SLOPE RIGHTS		
TOP OF CUT		
TOE OF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

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

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

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

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



UNLESS OTEHRWISE 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 (I) S

SHEET 12 OF 137 SHEETS



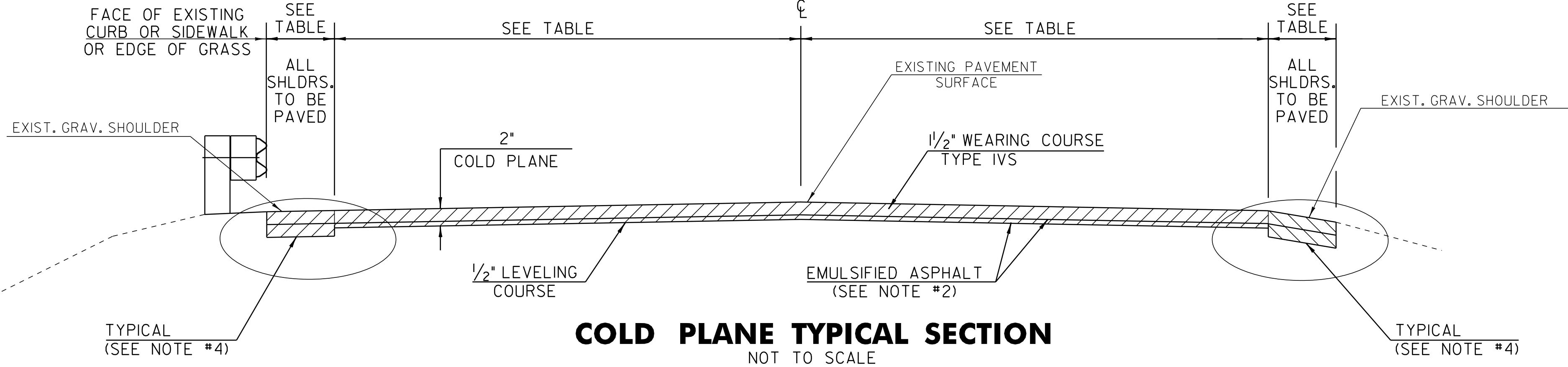
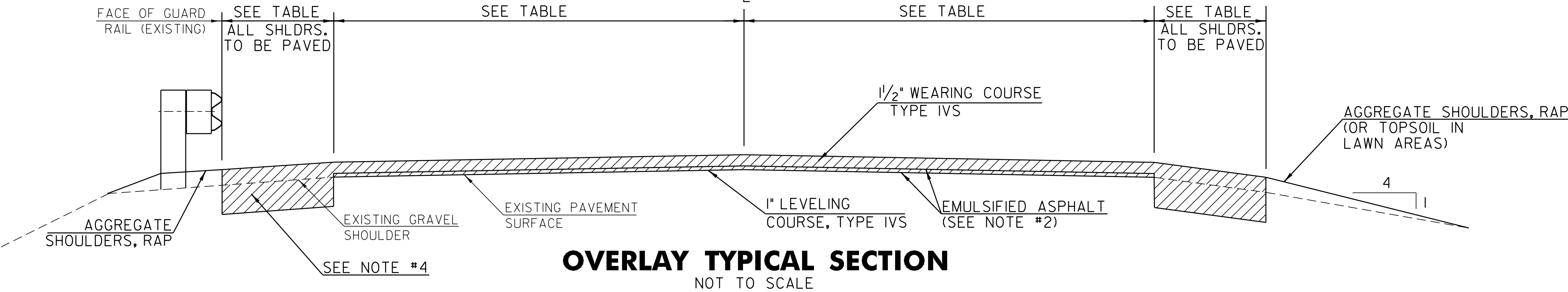
GENERAL NOTES

- 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.
- 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.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- 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.
- 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.
- 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.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.I3, AGGREGATE SHOULDERS, RAP.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.I3, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- ITEM 604.40, 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.
- 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.
- INSTALL NEW SIGNS, AS SHOWN ON THE PAVING LAYOUTS, ON SQUARE STEEL SIGN POSTS.
- 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.
- 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 QNTANTIES REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
- 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
TYPICAL
SHEET 1

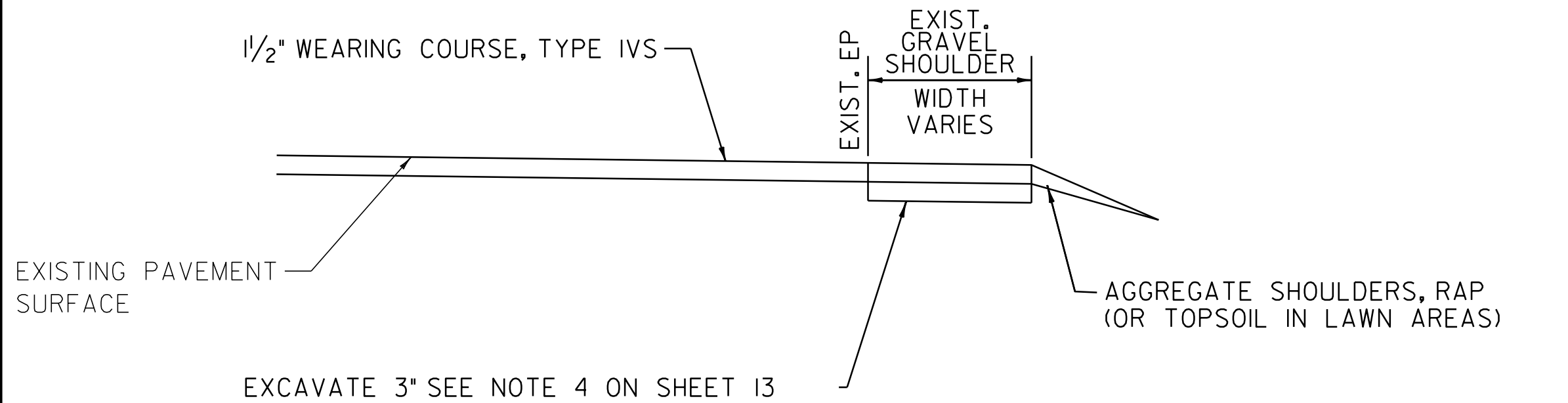
PROJECT NAME: HARTFORD-NORWICH
PROJECT NUMBER: STP 2206(1)S

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PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pci64ty01.i	SHEET 13 OF 137



PROJECT PAVING LIMITS

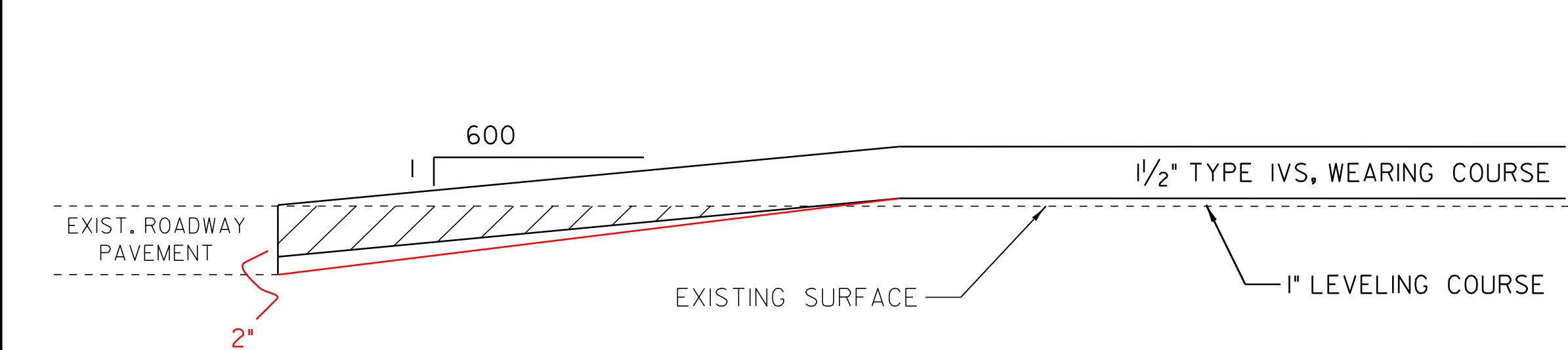
TOWN	BEGIN STATION	END STATION	SHOULDER	LANE TYPICAL	SHOULDER	WEARING DEPTH (in)	LEVELING DEPTH	LEVEL TYPE	NOTES
HARTFORD	0+13	0+95	VARIES	11.0-11.0	VARIES	1 1/2"	1 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
WILDER STATE HWY	0+95	10+78	5.0	11.0-11.0	5.0	1 1/2"	1 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	10+78	16+68	6.0	11.0-11.0	5.0	1 1/2"	1 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 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
US ROUTE 5	35+75	38+60	VARIES	VARIES	VARIES	1 1/2"	1 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	254+18	271+60	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	279+00	280+60	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	287+00	288+00	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	297+33	297+90	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	307+13	307+65	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	313+66	319+75	VARIES	11.0-11.0	VARIES	1 1/2"	1 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	319+75	320+75	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	323+75	324+75	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	330+20	330+85	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	332+00	332+86	VARIES	11.0-11.0	VARIES	1 1/2"	1 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 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									
US ROUTE 5	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 1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY



SHOULDER WIDENING – COLD PLANE

LOCATION

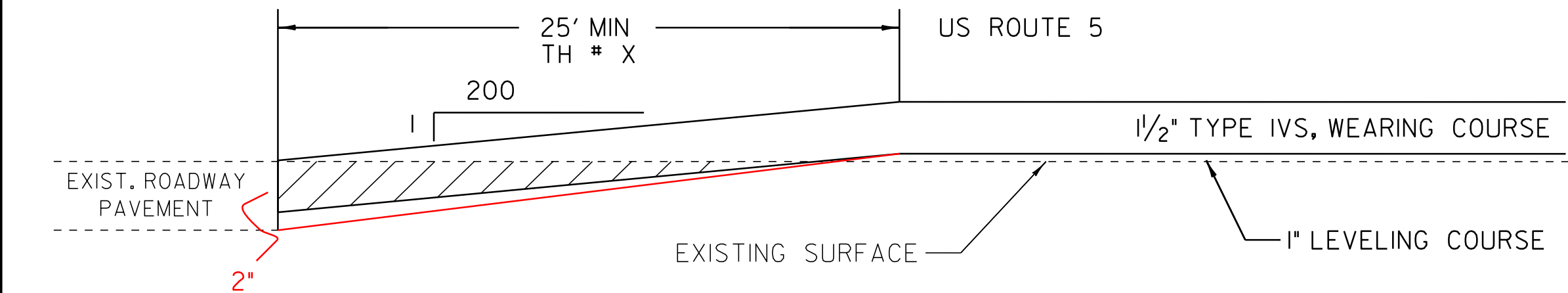
WILDER STATE HIGHWAY
STA H 0+50 TO H 16+98 LT
STA H 0+85 TO H 14+60 RT



APPROACH AREA DETAIL – TAPER

NOT TO SCALE
LOCATION

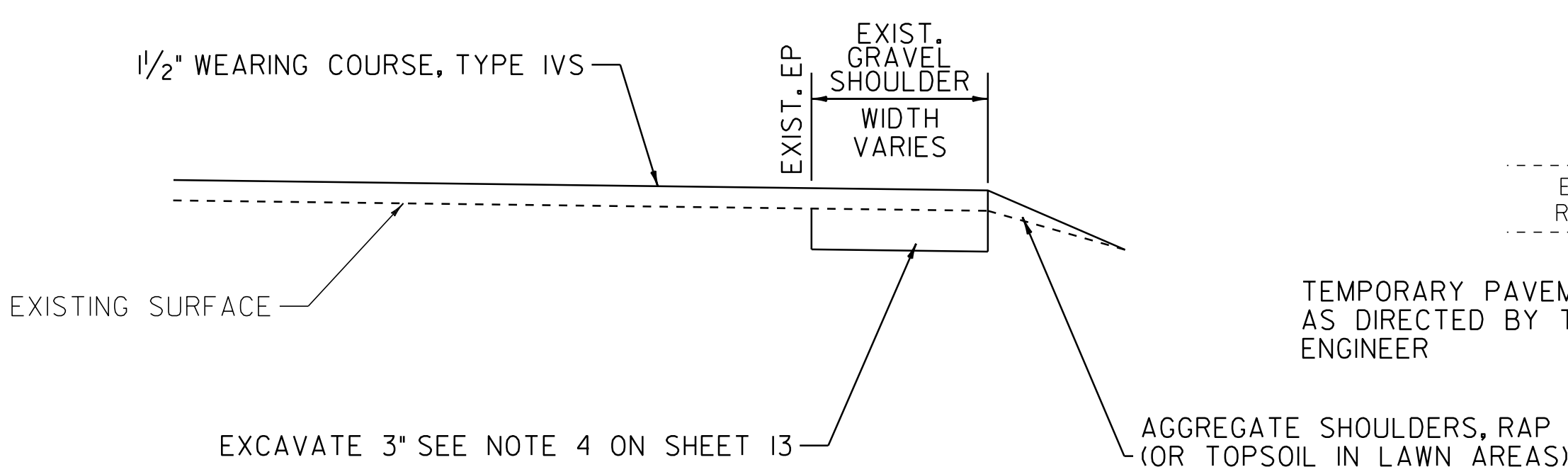
HARTFORD
US 5 STA 343+20 TO 343+95 - RESUME OVERLAY
NORWICH
US 5 STA 40+95 TO 41+70 - END OVERLAY



APPROACH AREA DETAIL – TAPER

NOT TO SCALE
LOCATION

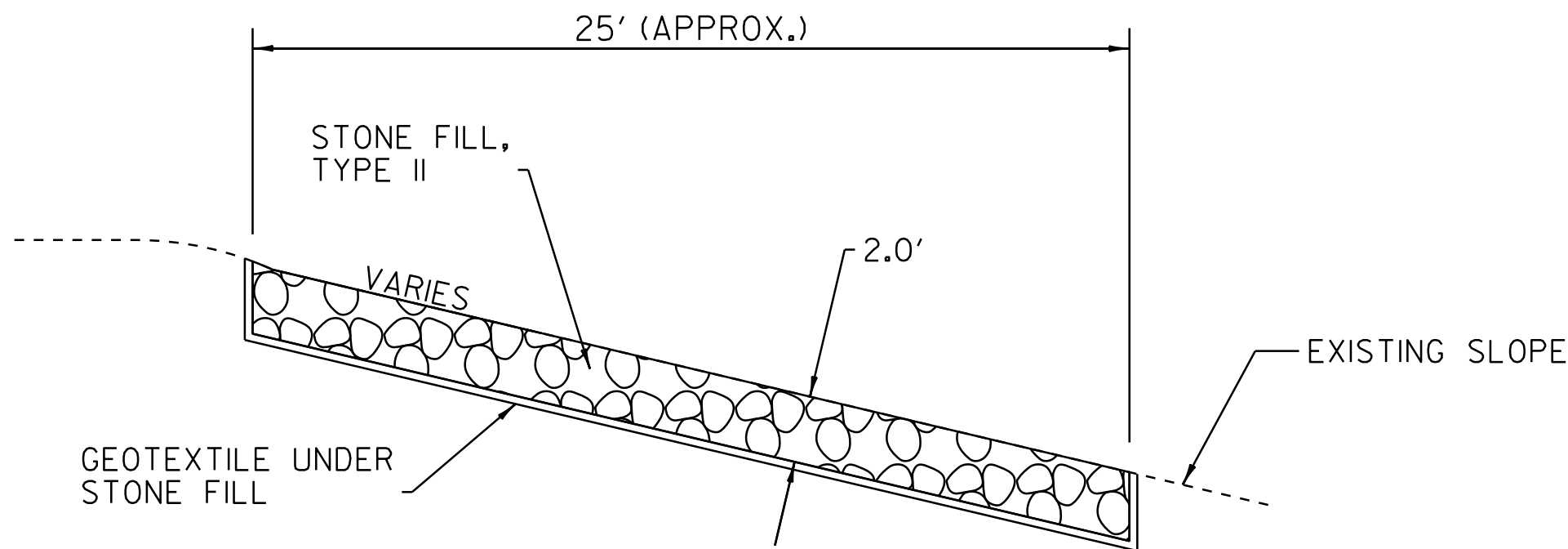
TOWN HIGHWAYS
TH 9 STA 360+44 LT
TH 285 STA 364+30 RT
SCHOOL STA 372+56 LT
TH 18 STA 377+48 LT
TH 287 STA 383+51 LT
TH 286 STA 392+31 LT
TH 270 STA 396+41 RT
TH 58 STA 19+19 LT
TH 83 STA 38+10 RT



SHOULDER WIDENING – OVERLAY

LOCATION

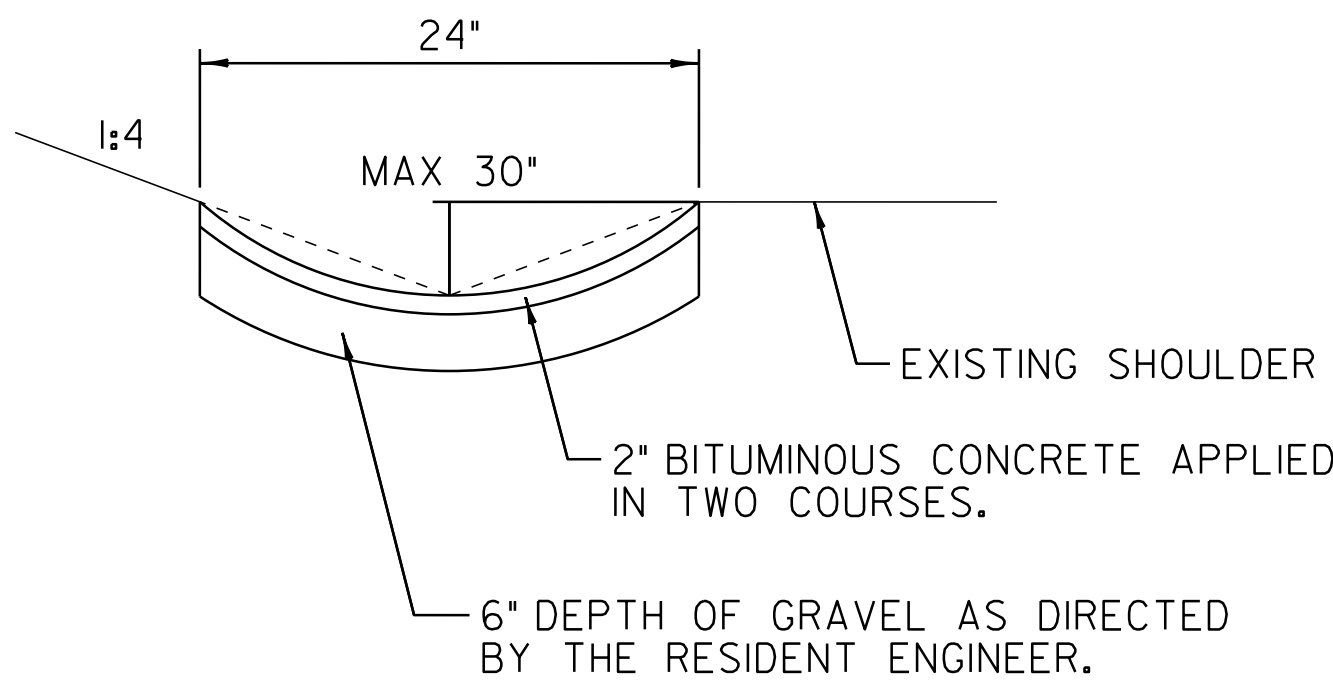
US ROUTE 5
STA 377+00 TO 395+98 RT
STA 377+61 TO 383+02 LT
STA 383+99 TO 392+13 LT
STA 392+50 TO 398+66 LT
STA 396+76 TO 398+66 RT
STA 0+00 TO 18+97 LT
STA 0+00 TO 19+27 RT



STONE FILL DETAIL

LOCATION

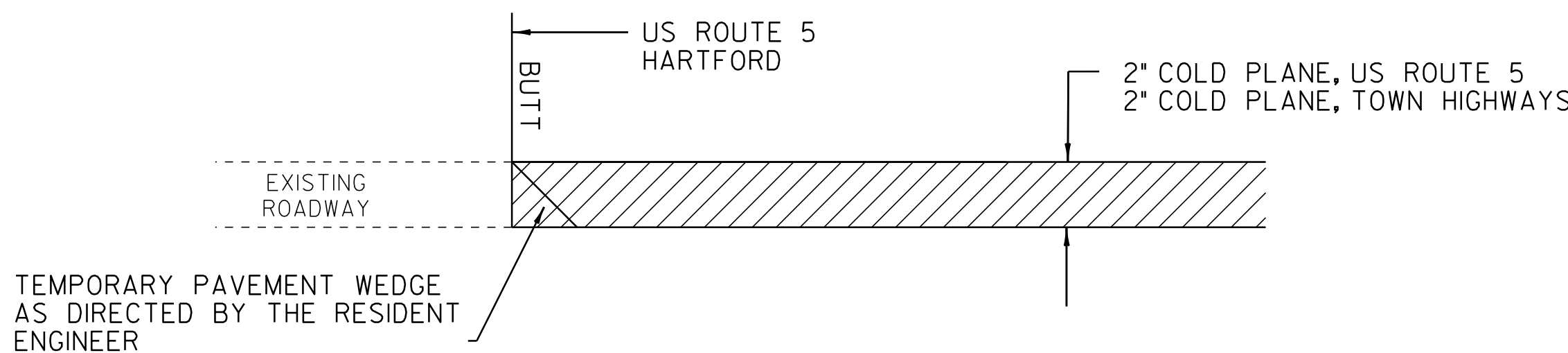
WILDER STATE HIGHWAY
H 32+70 TO H 33+04 RT



BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

NOT TO SCALE
LOCATION

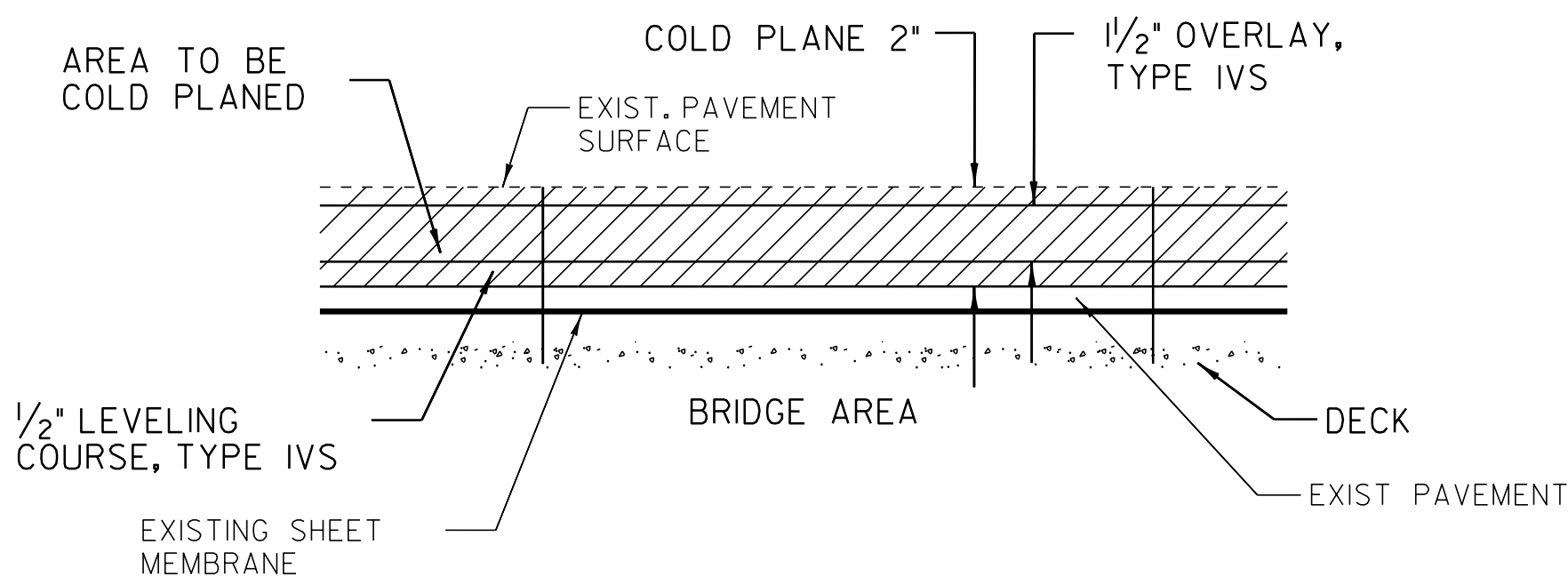
US ROUTE 5
STA 271+43 TO 272+28 LT
STA 301+40 TO 301+96 RT
STA 352+30 TO 353+67 RT



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



BRIDGE COLD PLANE DETAIL

LOCATION

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

PROJECT TYPICAL SHEET 2

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

FILE NAME: /pave/99ci64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NULL
IPARM FILE NAME: pci64+y02.i
PLOT DATE: 14-FEB-2012 15:49
DRAWN BY: MRS
CHECKED BY: NULL
SHEET 14 OF 137

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
100.0	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.

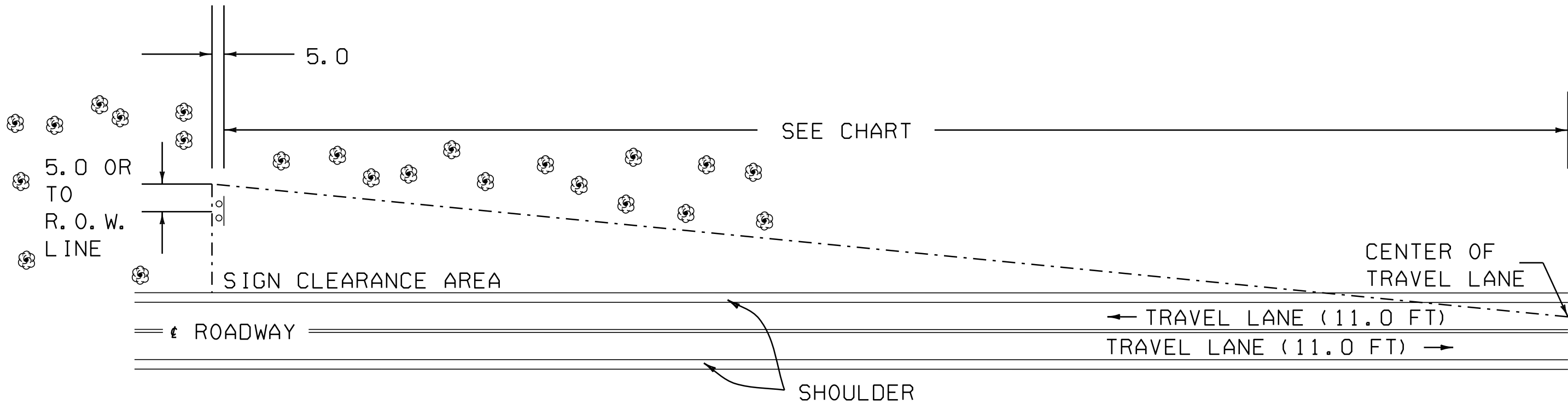
SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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 Diredted BY THE RESIDENT ENGINEER.

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



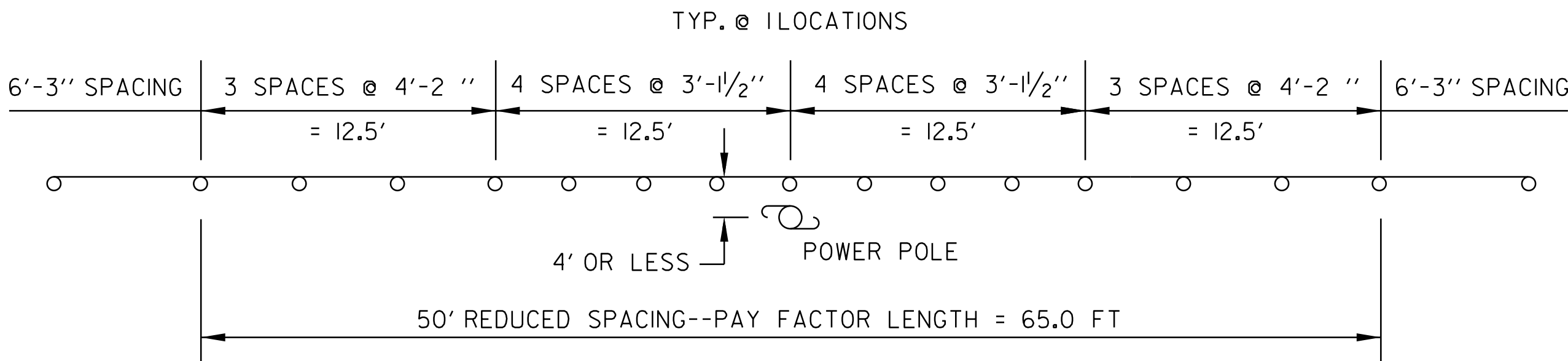
MINIMUM SIGN SIGHT DISTANCE CHART

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

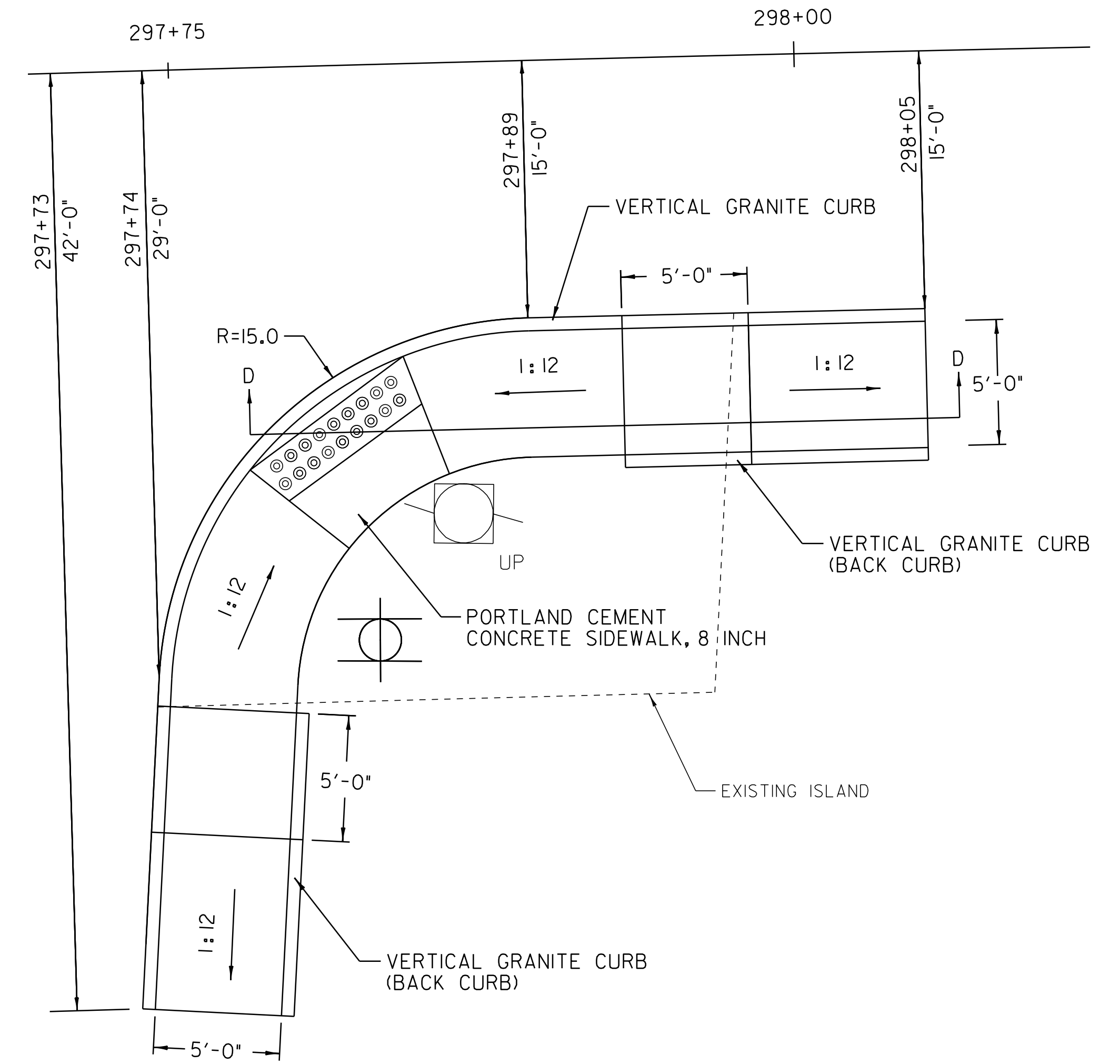
OBJECTS WITHIN 4.0 FT OF GUARDRAIL LOCATION

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

PROJECT
TYPICAL
SHEET 3

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

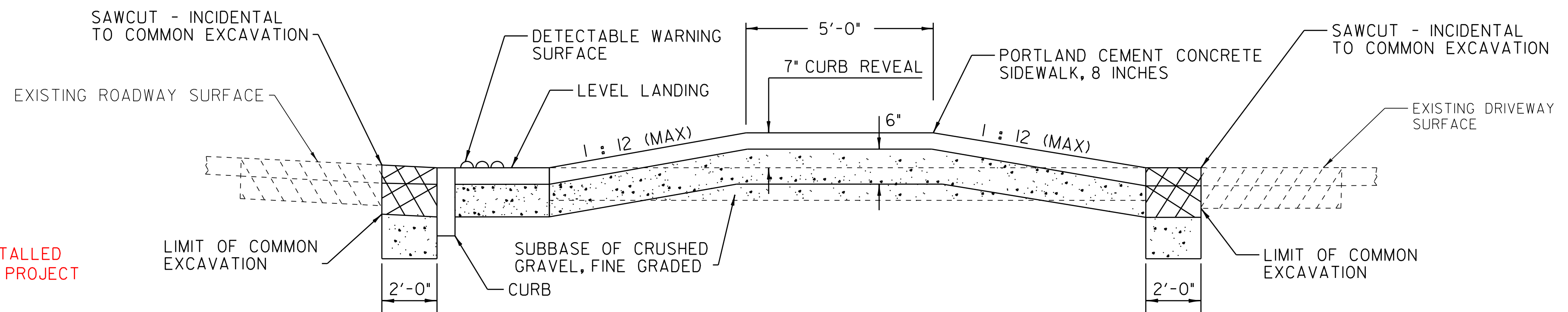
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PROJECT LEADER: PTS
DESIGNED BY: NULL
IPARM FILE NAME: pcl64+y03.i
PLOT DATE: 14-FEB-2012 15:49
DRAWN BY: MRS
CHECKED BY: NULL
SHEET 15 OF 137



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



US ROUTE 5 STA 288+69 RT



US ROUTE 5 STA 293+64 RT

PROJECT NAME: HARTFORD-NORWICH	
PROJECT NUMBER: STP 2206(I)S	
FILE NAME: /pave/99pcl64/pcl64	PLOT DATE: 14-FEB-2012 15:49
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pcl64d+01.i	SHEET 16 OF 137

BRIDGE QUANTITY SHEET

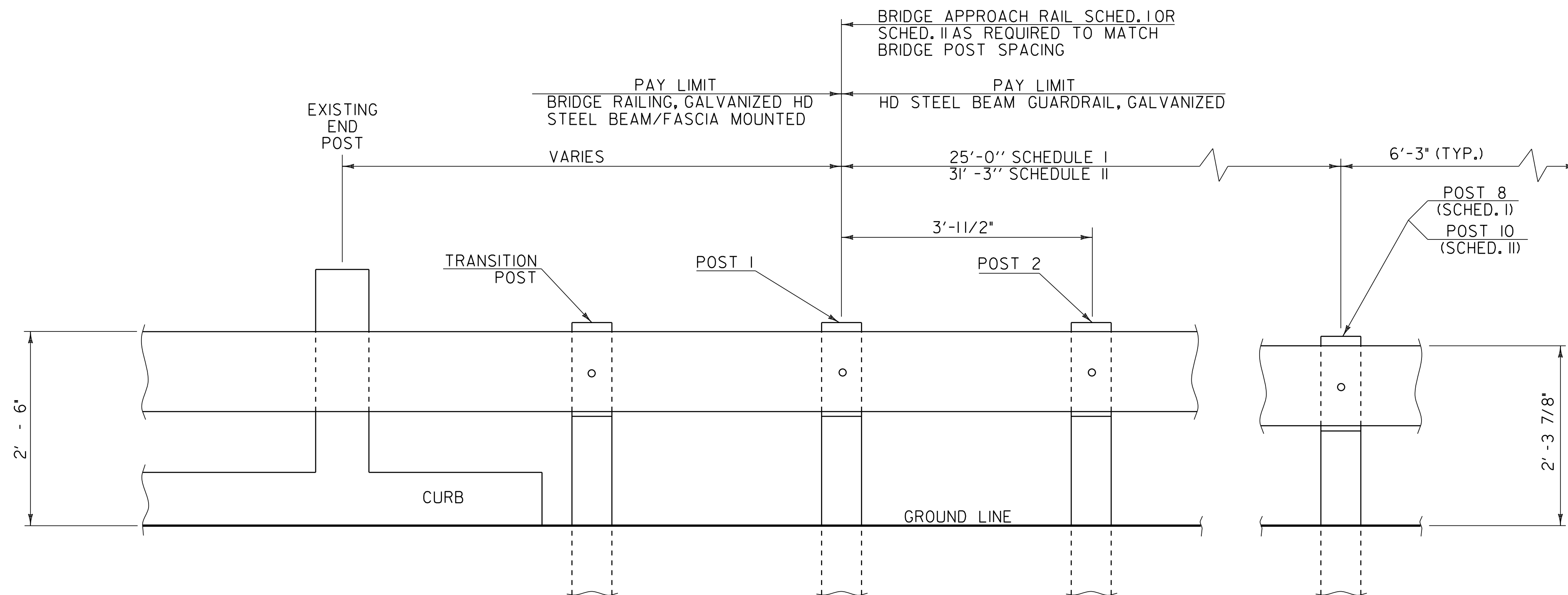
STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 REMOVE EXIST. RAIL	525.41 BR RAIL FASCIA MTD.							REMARKS
HARTFORD												
332+65 TO 333+08.75	RT	75	8 "	43.75	43.75							FOR BRIDGE DETAILS SEE SHEET 18
333+06.75 TO 333+50.5	LT	75	8 "	43.75	43.75							FOR BRIDGE DETAILS SEE SHEET 18
SUBTOTALS				87.5	87.5							
ROUNDINGS				0.5	0.5							
TOTALS				88.0	88.0							

NOTES:

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
3. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK & BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
4. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
5. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 30 FEET APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.

BRIDGE APPROACH RAILING

WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1
USE SCHEDULE I FOR APPROACH RAILING. WHEN A
RAIL PANEL SPLICE OCCURS AT THE BRIDGE END
POST USE SCHEDULE II FOR APPROACH RAILING.



SCHEDULE I

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1.5"	1.4 x 12'-6"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	4'-2"	
6	4'-2"	1.2 x 12'-6"
7	4'-2"	
8	6'-3"	
9	(TYP.)	

SCHEDULE II

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1.5"	1.4 X 18'-9"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	
6	3'-1.5"	1.2 X 12'-6"
7	3'-1.5"	
8	4'-2"	
9	4'-2"	
10	4'-2"	
11	6'-3" (TYP.)	1.0 (TYP.)

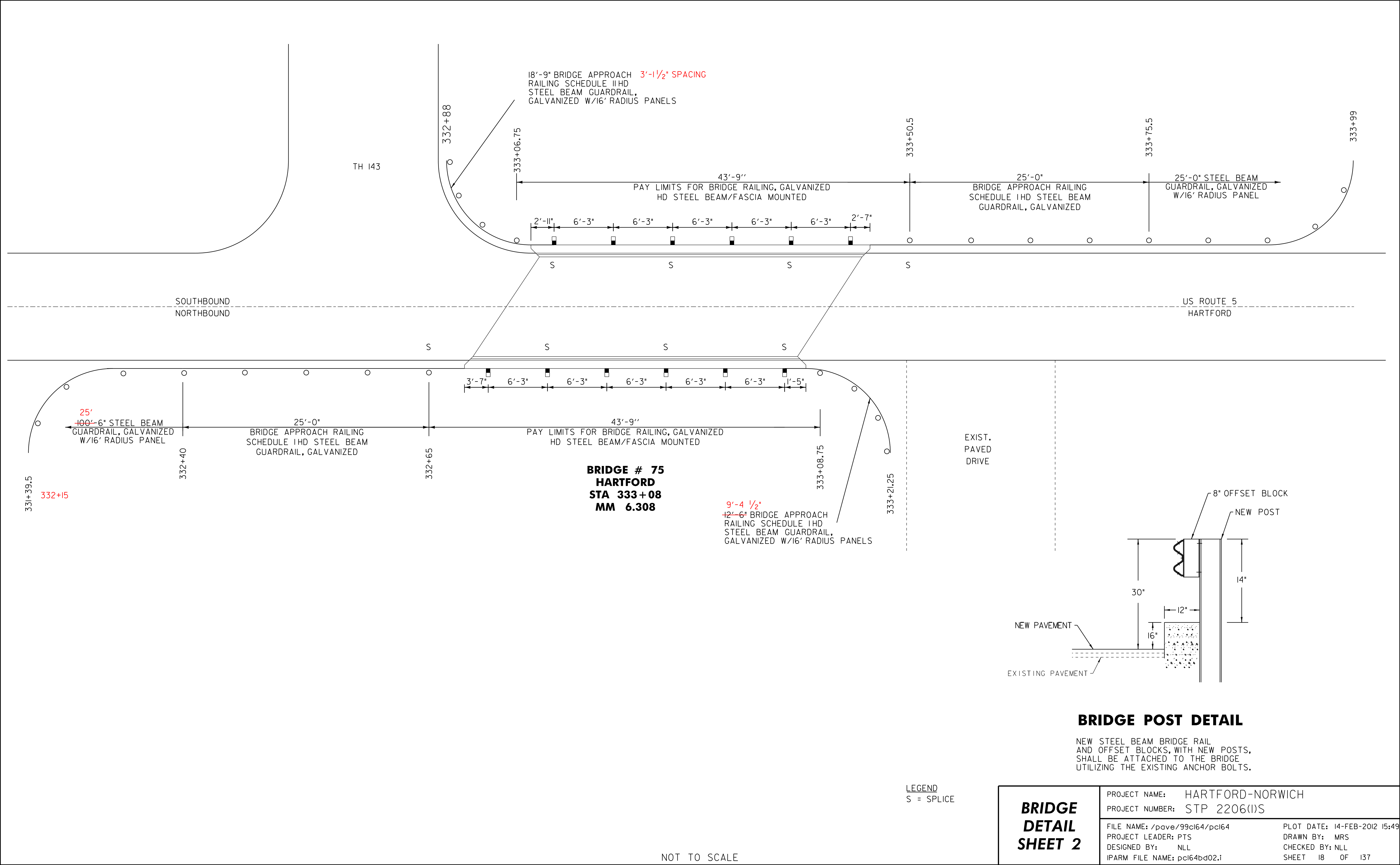
BRIDGE APPROACH RAILING

NOT TO SCALE

**BRIDGE
DETAIL
SHEET 1**

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

FILE NAME: /pave/99cl64/pcl64	PLOT DATE: 14-FEB-2012 15:49
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pcl64bd0l.i	SHEET 17 OF 137



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

[illegible]

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/99cl64/pol64			PLOT DATE: 14-FEB-2012 15:49		
																			PROJECT LEADER: PTS			DRAWN BY: MRS		
																			DESIGNED BY: NULL			CHECKED BY: PTS		
																			IPARM FILE NAME: pci64qs02.i			SHEET 20 OF 137		

QUANTITY SHEET 3

[illegible][illegible]

LOCATION			CURBED SIDEWALKS								DROP INLETS				GUARDRAIL						MISC		NON-PART		REMARKS		
STATION	STATION	POS.	203.15 COMMON EXCAV.	301.28 SUBBASE OF CRUSHED GRAV. FINE	616.21 VERTICAL GRANITE CURB	616.305 BIT. CONCRETE CURB TYPE A	616.40 REMOVING AND RESETTING CURB	618.10 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	618.11 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	618.30 DETECTABLE WARNING SURFACE	604.40 CHANGING ELEVATION OF D.I. CB, OR MH	604.412 REHAB. D.I. CB, OR MH CLASS I	604.415 REHAB. D.I. CB, OR MH CLASS II	604.418 REHAB. D.I. CB, OR MH CLASS III	621.20 STEEL BEAM GUARDRAIL GALV.	621.205 STEEL BEAM GUARDRAIL GALV. W/8 FT POSTS	621.21 H.D. STEEL BEAM GUARDRAIL GALVANIZED	621.50 MTS, FLARED	621.60 ANCHOR FOR STEEL BEAM RAIL	621.80 REMOVE & DISP. G.R.	676.10 DEL IN. W/STEEL POST		616.47 BIT. CONCRETE GUTTER & TRAFFIC ISLANDS (TON)	604.42 CHANGE ELEVATION OF SMH (EA)		629.20 ADJUST ELEVATION OF VALVE BOX (EA)	
HARTFORD			(CY)	(TON)	(LF)	(LF)	(LF)	(SY)	(SY)	(SF)	(EA)	(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(EA)	(EA)	(LF)	(EA)			(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														562.5				600							
H 11+25.5	H 16+68.0	LT	16+95												50	542.5		1		621.0		1					MTS, FLARED @ 10+88.0
H 16+68.0	H 16+95.0	LT													37.5												ATTACH TO EXISTING GUARDRAIL
H 11+50.0	H 16+95.0	LT					575																				
10+45	17+00						545.0																				
H 14+54.0	H 14+91.0	RT																									
H 14+53.5		RT																1									MTS, FLARED @ H 14+53.5, ATTACH TO EXISTING
H 17+25.0	H 17+40.0	RT																									
H 17+25.0	H 17+40.0	RT													52.0				+								ATTACH TO EXISTING GUARDRAIL, ANCHOR @ H 17+40.0
H 17+40.0	H 20+82.0	LT																									
H 17+77.5	H 20+40.0	LT													262.5			2				2					MTS, FLARED @ H 17+40.0, MTS FLARED @ H 20+77.5
40	77.5																										
H 18+30.0	H 21+07.0	RT													212.5												
H 18+68.5	H 20+68.5	RT													200.0			2				2					MTS FLARED @ 18+31.0, MTS FLARED @ 21+06.0
31	21+18.5																										
H 21+90.0	H 28+57.0	LT													637.5						667.0						
H 21+90.0	H 28+27.5	LT	65												643.0			1				1					ATTACH TO EXISTING GUARDRAIL, MTS FLARED @ H 28+65.0
22+15	22+77.6	RT													62.5												REPLACED DAMAGED GUARDRAIL
H 36+28.0	H 38+89.0	78RT																									
H 36+28.0	H 38+89.0	78RT													261.0												ATTACH TO EXISTING GUARDRAIL, CONTINUE'S ON US 5
H 36+30.0	H 38+66.0	RT					236.0								250												
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													327												ANCHOR @ 257+98.0, CONTINUE'S ON WILDER STATE HWY
258+00.0	260+47.0	LT													251.0												
260+38.0	260+71.0	LT					30														247.0						
	68						33.0																				
261+48.0	261+54.0	LT&RT	8.5																								REMOVE PART OF ISLAND
			5.0																								
262+00.0	263+38.0	LT													214.5												
262+00.0	263+37.5	LT													139.5					1							ATTACH TO EXISTING GUARDRAIL, ANCHOR @ 263+37.5
265+97.0	267+25.0	LT													116.5												
265+98.0	267+23.0	LT													129.0												ANCHOR @ 265+98.0, ANCHOR @ 267+23.0
277+00.0	279+00.0	LT													141.5												
277+00.0	279+00.0	LT																									

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 RESETT'ING 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	1.7			-19.0	-3.8	6.4	10.0																	
314+69.0	314+75.0	RT	-1.1					-3.5	3.9	10.0																	
318+64.0	318+70.0	LT	-1.3	3.6	-1.4			4.2	11.0	-18.0	-10																
318+65.0	319+77.5	RT												29						-112.5	100						
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									
322+52.0	326+77.0	RT																		-425.0	437.5						
322+52.0	327+25.0	RT												-477.0	441.5			2									
332+15	332+40.0	RT												-102.5	29'			1									
332+20.0	332+65.0	RT																		-45.0							
332+40.0	332+65.0	RT														32.5	41.25					50'					
333+08.75	333+21.25	RT													19.5			1			-18.0						
333+02.0	333+20.0	RT																									
332+88.0	333+06.75	LT															28.25		1								
333+01.0	333+13.0	LT																		-12.0							
333+50.0	333+75.5	LT																									
333+50.0	333+96.0	LT																		-46.0							
333+75.5	333+99.0	LT												29				1									
353+50.0	359+76.0	LT												-27.0													
353+50.0	360+05.0	LT	72											104	637.5			2		-760.5	737.5						
359+78.0	360+05.0	LT												-97.0	-659.0			1			2						
385+55.0	387+50.0	RT																		-195.0	187.5						
385+59.0	386+66.0	RT				107.0								152													
385+92.5	387+17.5	RT	67.5											-125.0			1										
386+68.0	387+46.0	RT				-78.0																					
386+53.0	387+78.0	LT	65.5			31																					
386+53.0	389+03.0	LT												244	62.5				2	-125.0	112.5						
														-269.0													
42+60	44+35	LT				175 LF																					

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"

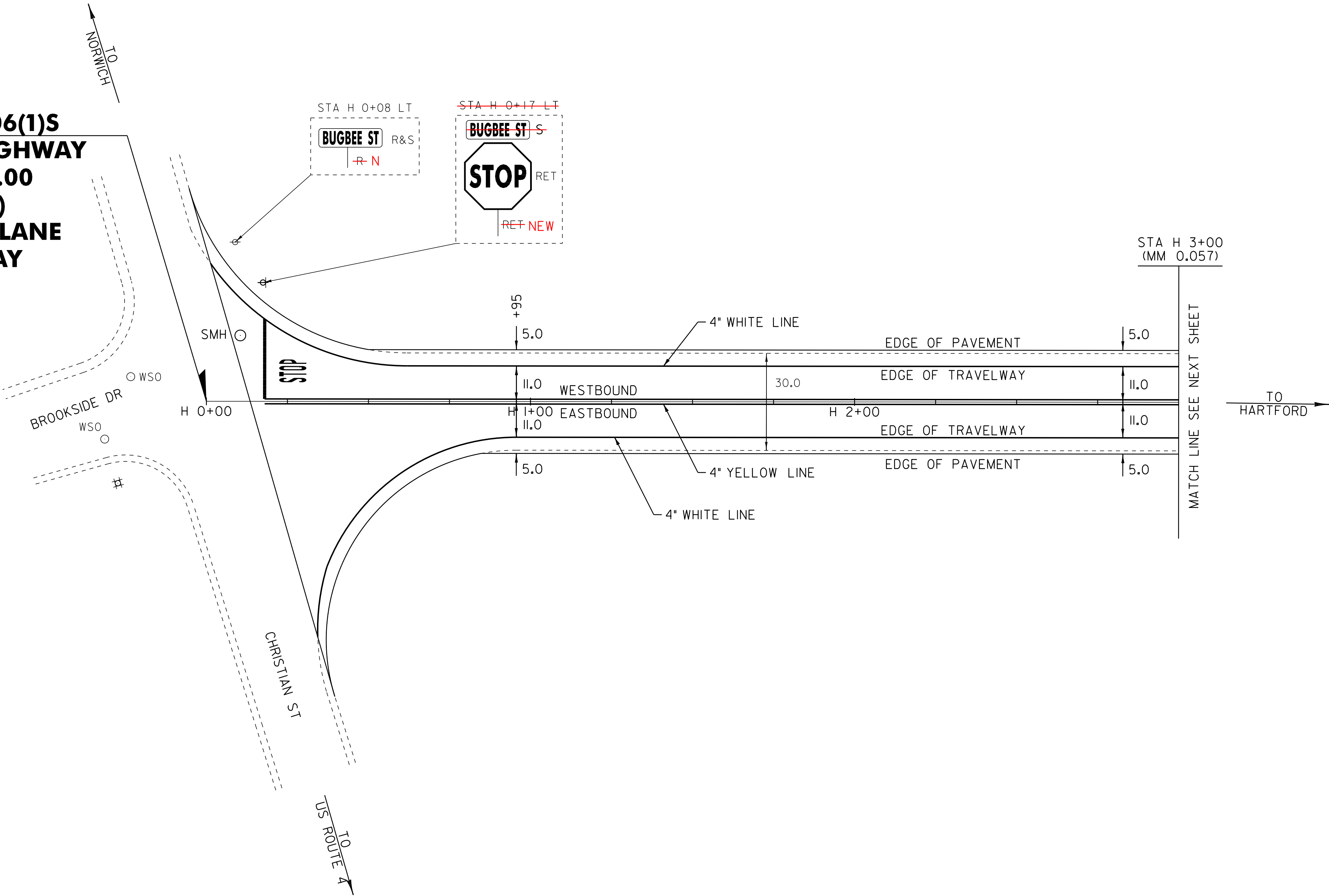
TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
STA H 0+18 LT

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

PAVING
LAYOUT 1

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

FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NULL
IPARM FILE NAME: pci64la01.i

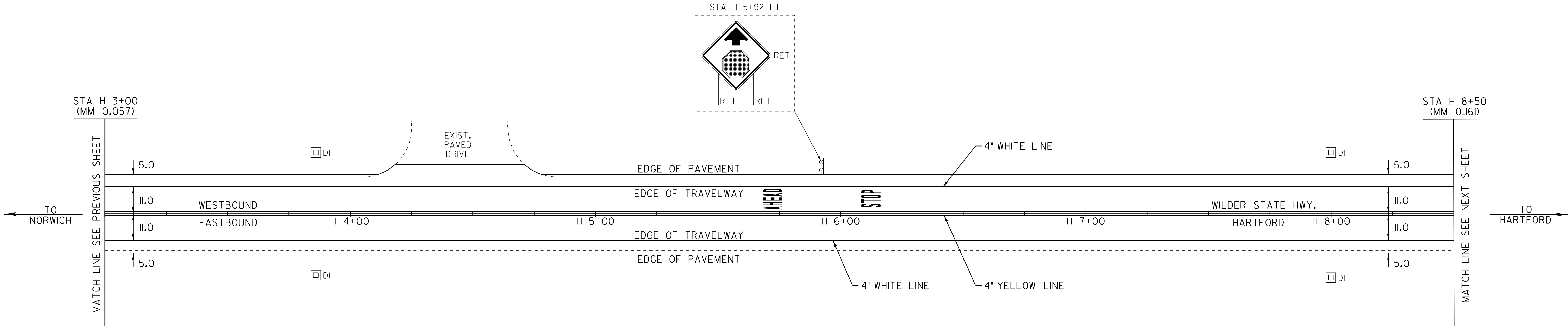
PLOT DATE: 14-FEB-2012 15:49
DRAWN BY: MRS
CHECKED BY: NULL
SHEET 25 OF 137

NOT TO SCALE

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

PAVING LAYOUT 2	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: NLL	CHECKED BY: NLL
	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

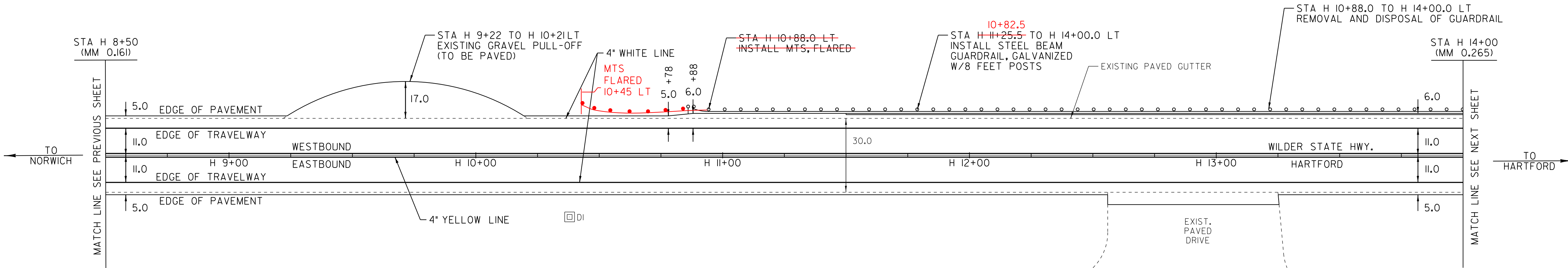
REMOVAL AND DISPOSAL OF GUARDRAIL
STA H 10+88.0 TO H 14+00.0 LT

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

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~~²² TO H 14+00 LT

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

PAVING
LAYOUT 3

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

FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64la03.i

PLOT DATE: 14-FEB-2012 15:49
DRAWN BY: MRS
CHECKED BY: NLL
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 LT~~
~~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~~

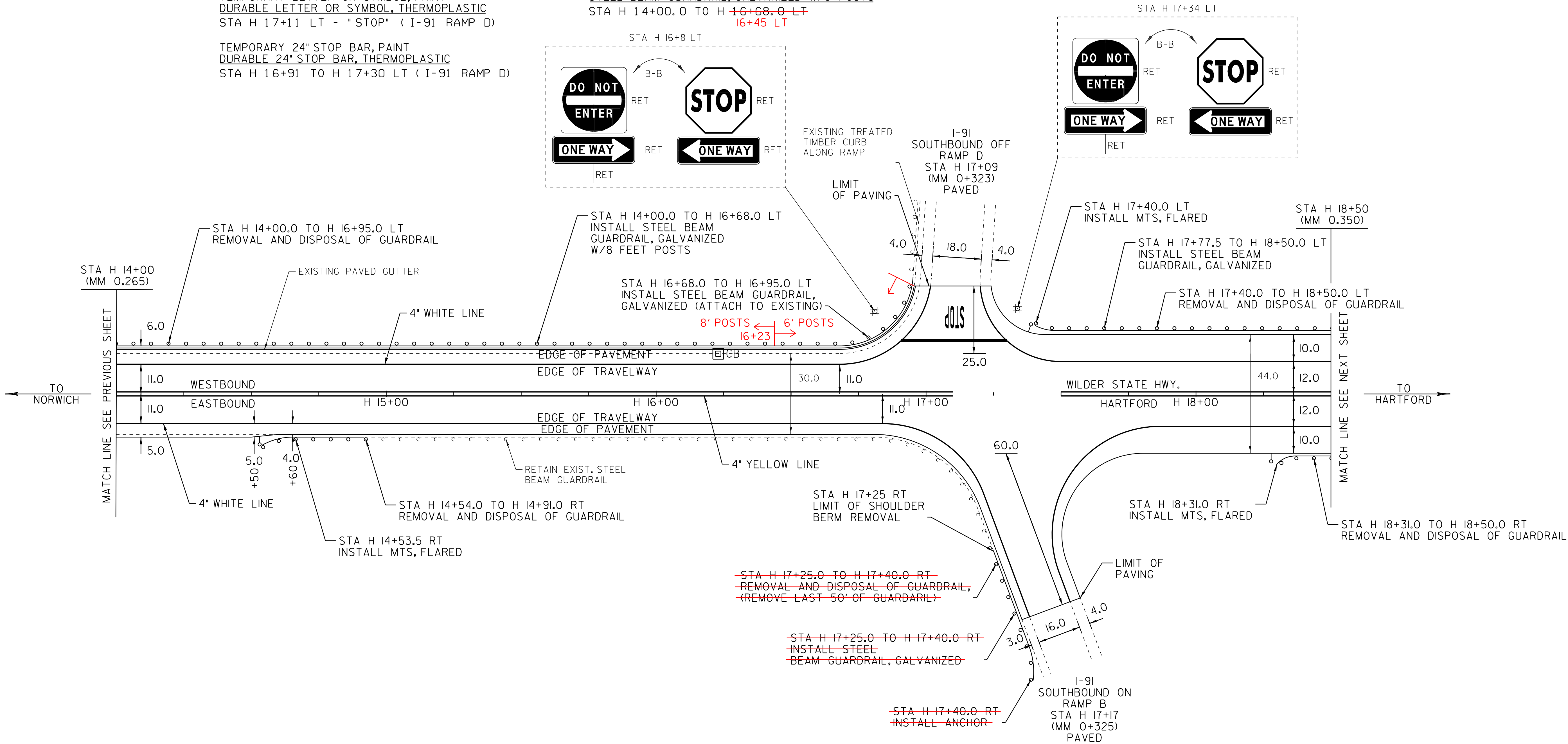
REHAB DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II OR CLASS III
STA H 16+23 LT (CB)

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:
I. 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

PAVING
LAYOUT
SHEET 4

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

FILE NAME: /pave/99ci64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64la04.i

PLOT DATE: 14-FEB-2012 15:49
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 28 OF 137

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

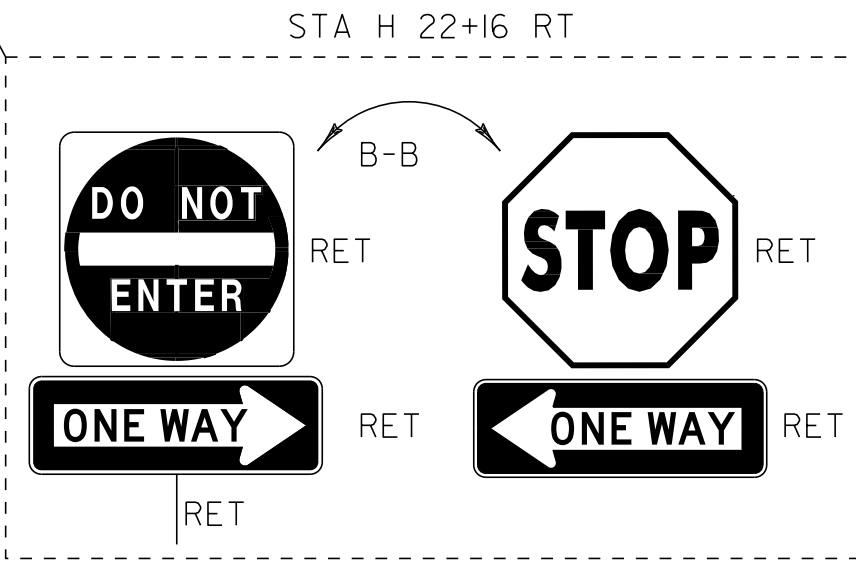
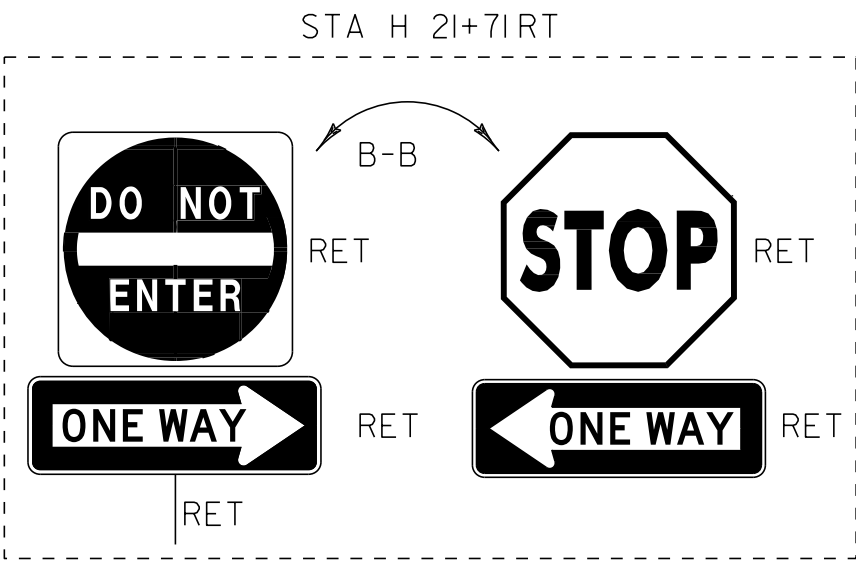
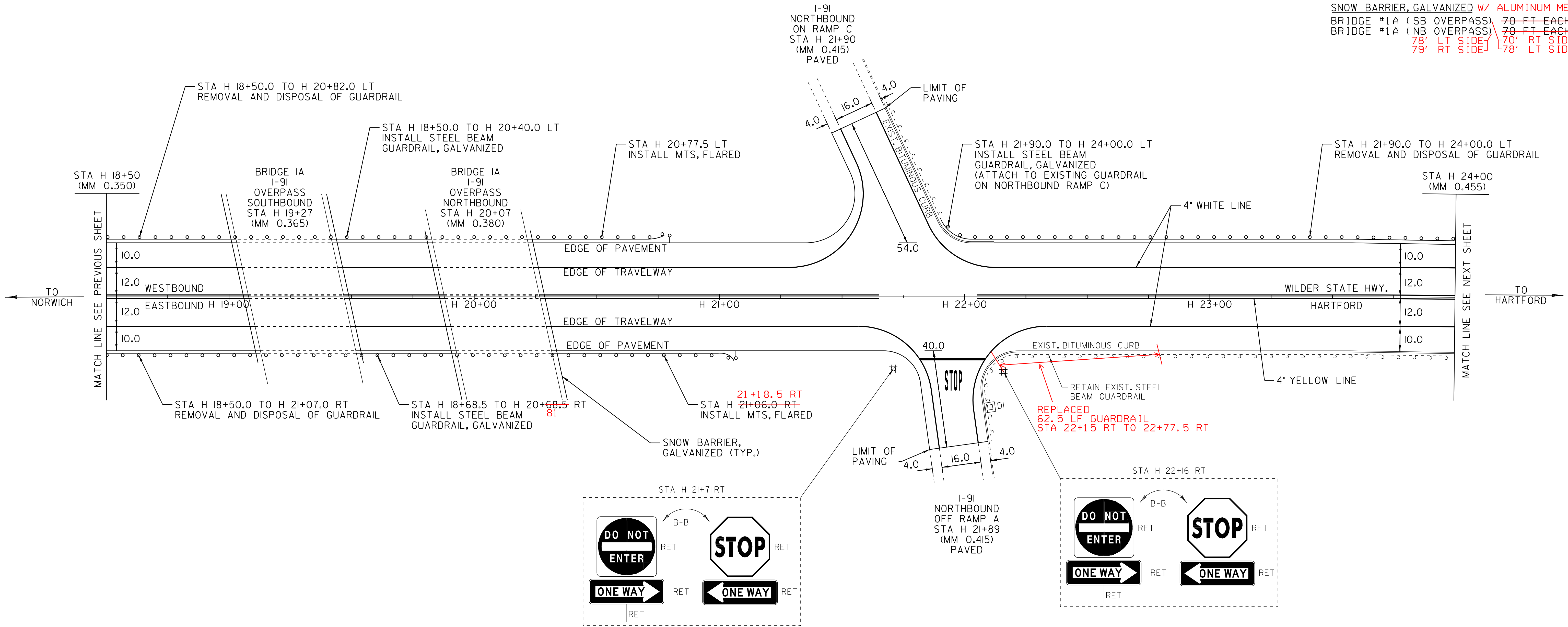
STA H 18+50.0 TO H 20+40.0 LT
STA H 18+68.5 TO H 20+68.5 RT 81
STA H 21+90.0 TO H 24+00.0 LT
22+15 TO 22+77.5 RT

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

PAVING
LAYOUT
SHEET 5

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

FILE NAME: /pave/99ci64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la05.i

PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED BY: NLL
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

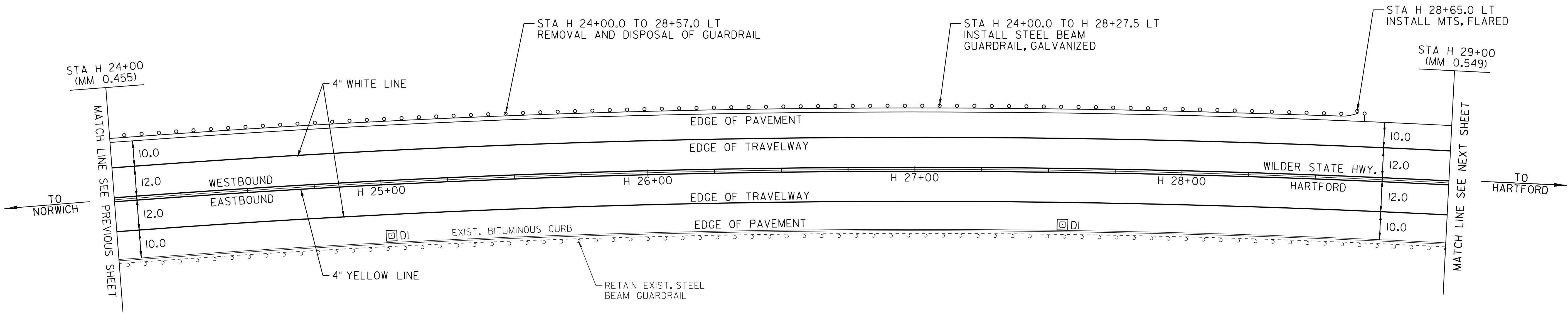
TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA H 24+00 TO H 29+00 SOLID LT & RT

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
E-G = EXISTING GUARDRAIL
P-G = PROPOSED GUARDRAIL
I = TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 6

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

FILE NAME: /pave/99ci64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la06.i

PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 30 OF 137

NOT TO SCALE

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

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

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

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

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

MANUFACTURED TERMINAL SECTION, FLARED
33+86 LT

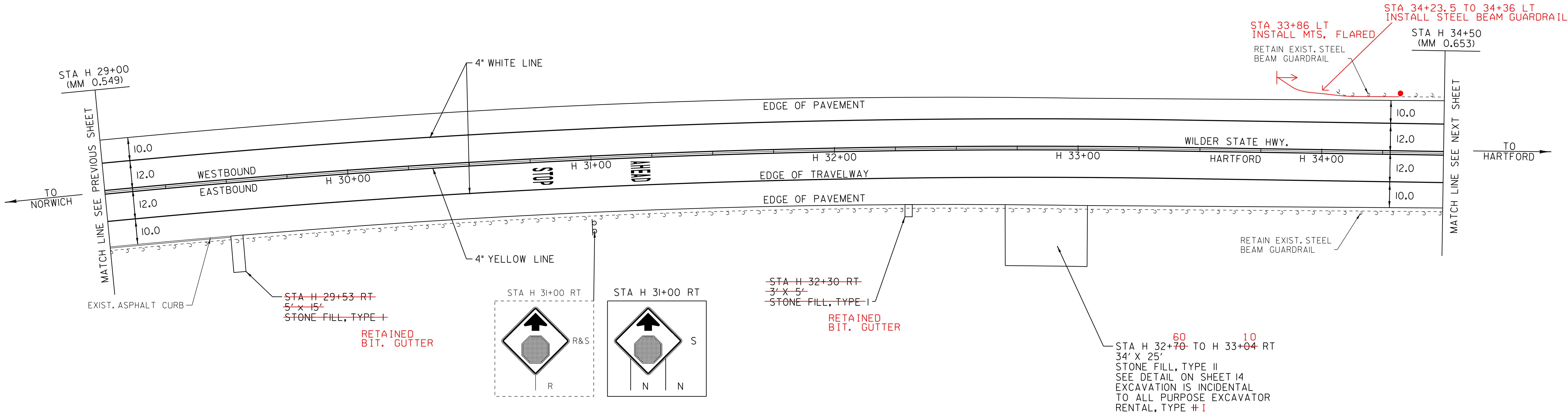
SHOULDER BERM REMOVAL
STA H 29+55 TO H 34+50 RT
STA H 34+06 TO H 34+50 LT

~~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



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 7

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

FILE NAME: /pave/99ci64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64la07.i
PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 31 OF 137

NOT TO SCALE

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~~

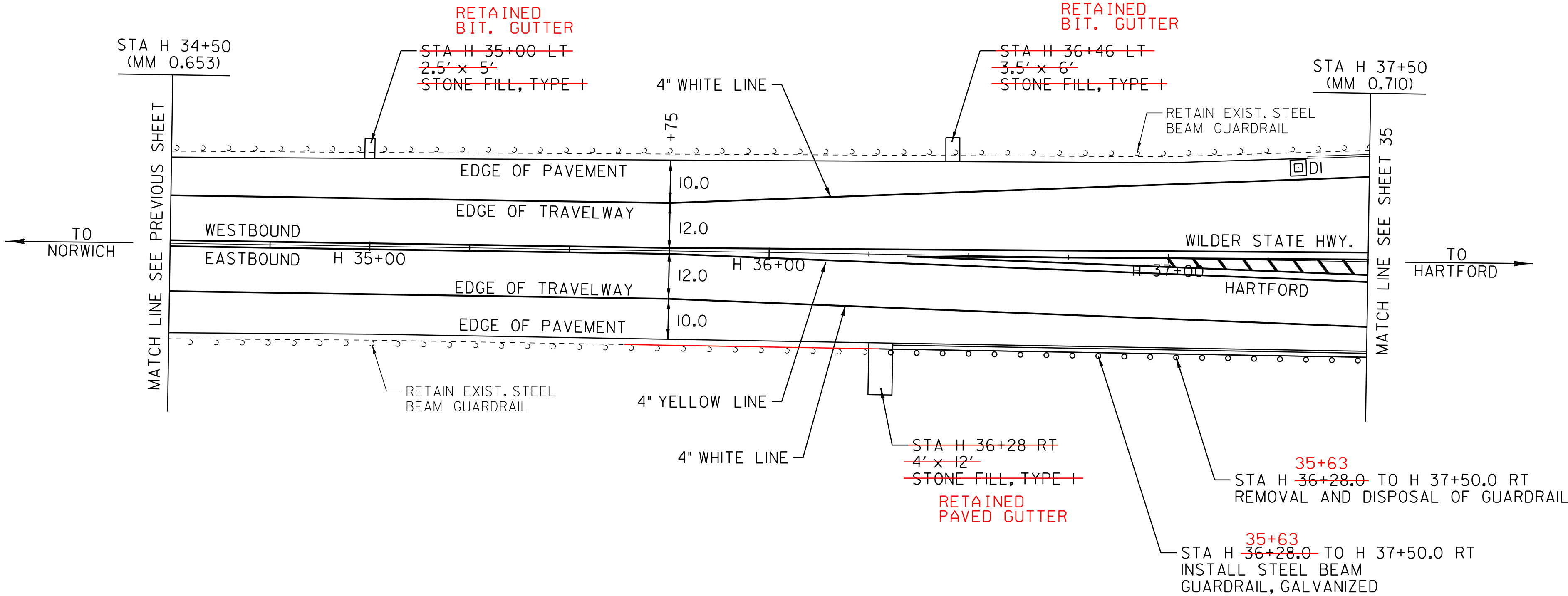
STEEL BEAM GUARDRAIL, GALVANIZED
STA H ~~36+28.0~~ TO H 37+50.0 RT
~~35+63~~

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~~²⁸ TO 37+50 RT

SHOULDER BERM REMOVAL¹⁰
STA H 34+50 TO H 37+~~30~~²⁵ LT
STA H 34+50 TO H 36+~~25~~²⁸ 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

PAVING
LAYOUT
SHEET 8

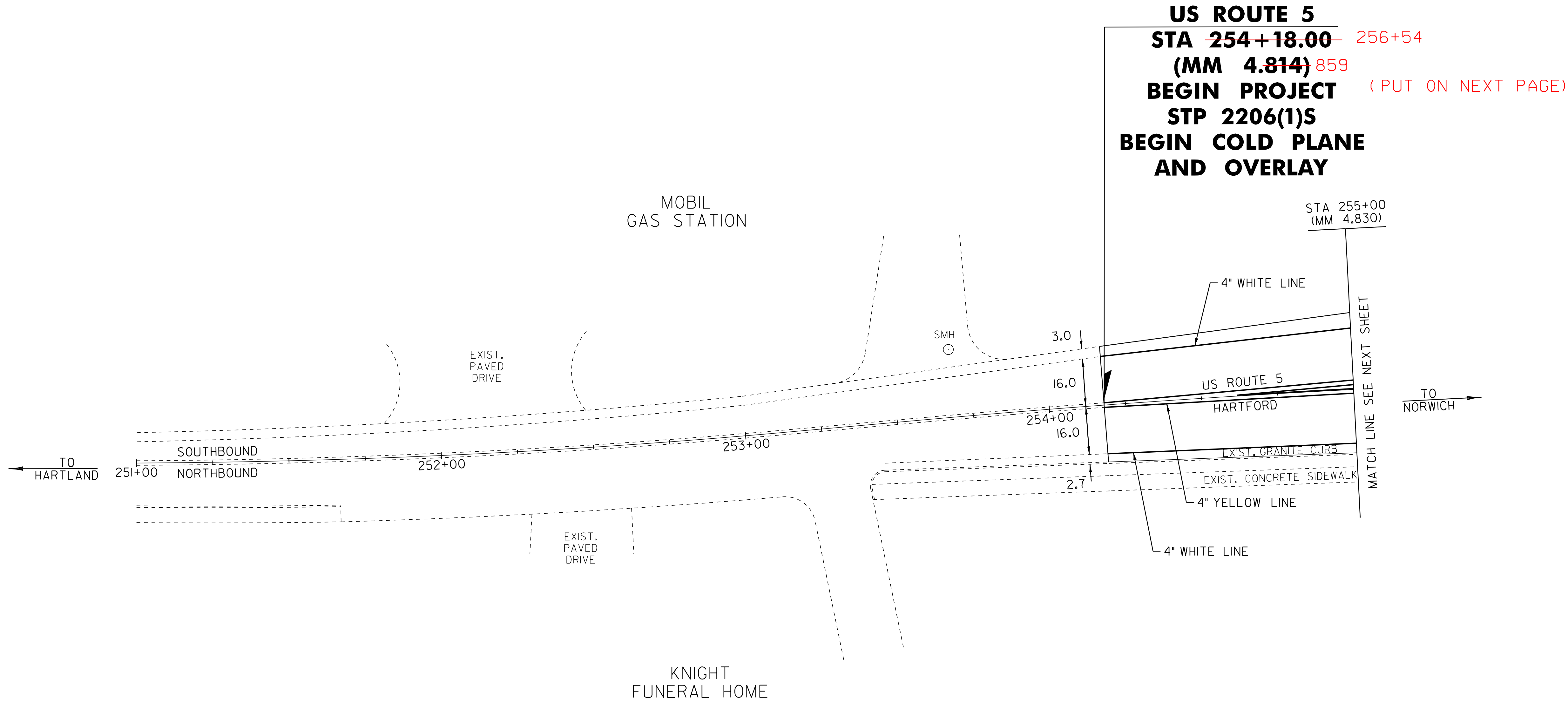
PROJECT NAME: HARTFORD-NORWICH
PROJECT NUMBER: STP 2206(I)S

FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:50
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pci64la08.i	SHEET 32 OF 137

NOT TO SCALE

~~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~~



LEGEND

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

NOT TO SCALE

PAVING LAYOUT SHEET 9	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99ci64/pci64	PLOT DATE: 14-FEB-2012 15:50
	PROJECT LEADER: PTS	DRAWN BY: MRS
	DESIGNED BY: NLL	CHECKED BY: NLL
	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

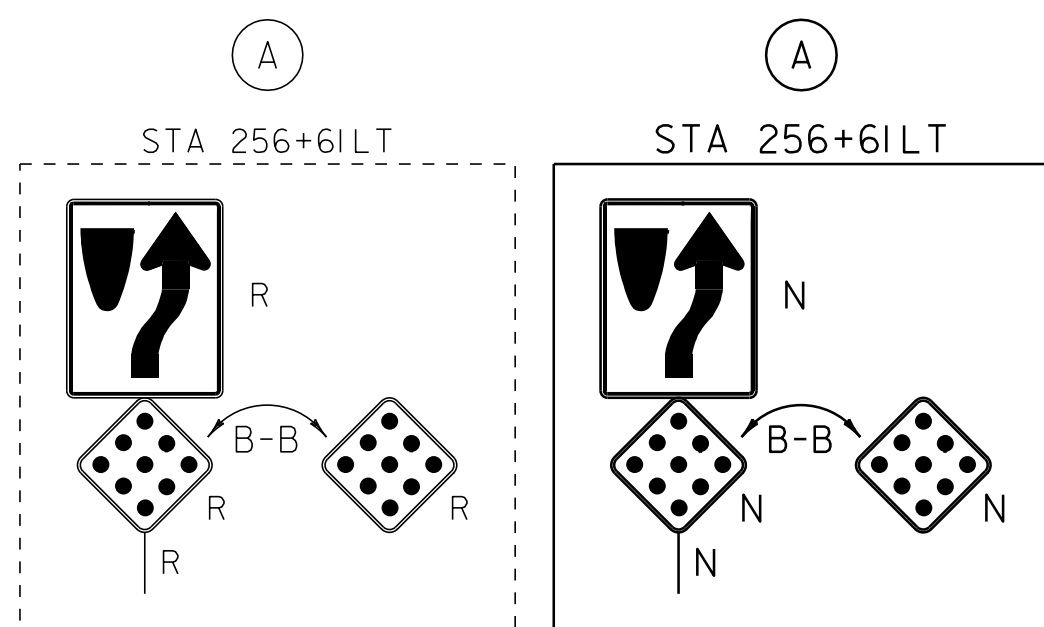
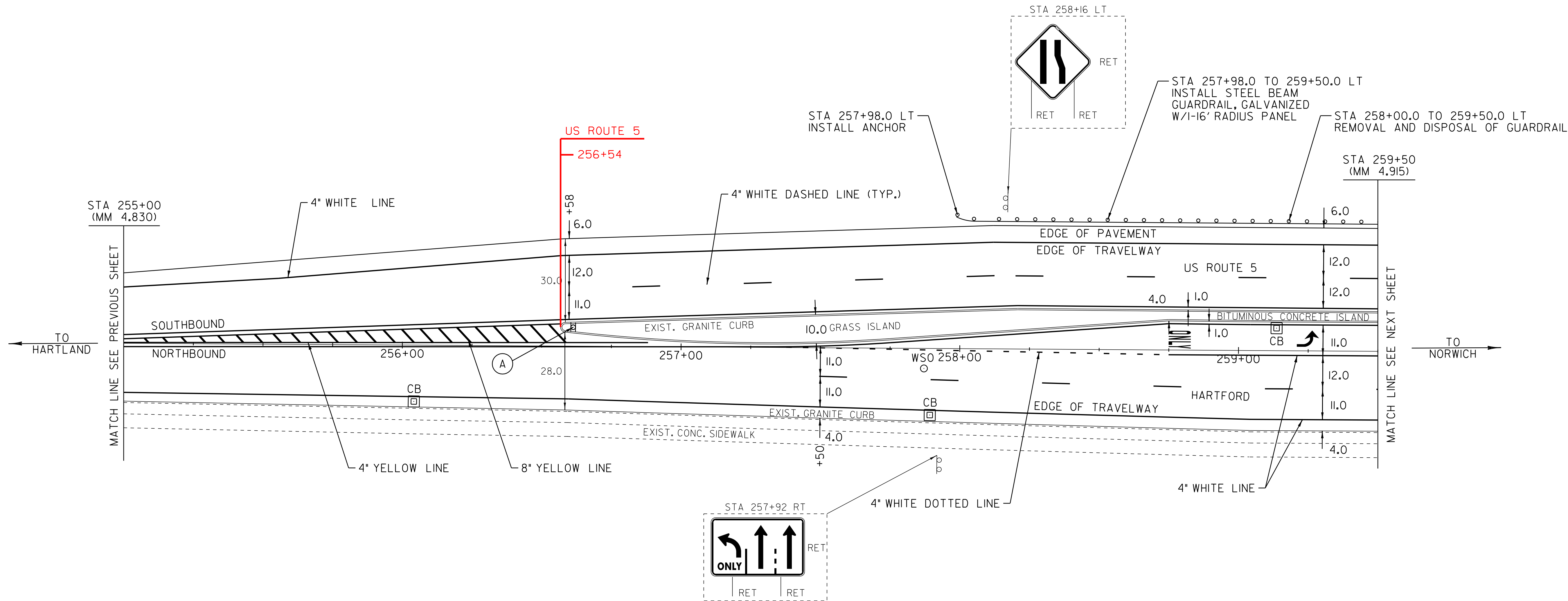
STEEL BEAM GUARDRAIL, GALVANIZED
STA 257+98.0 TO 259+50.0 LT

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

PAVING LAYOUT SHEET 10	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: NLL	CHECKED BY: NLL
	IPARM FILE NAME: pci64l0.i	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

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

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

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

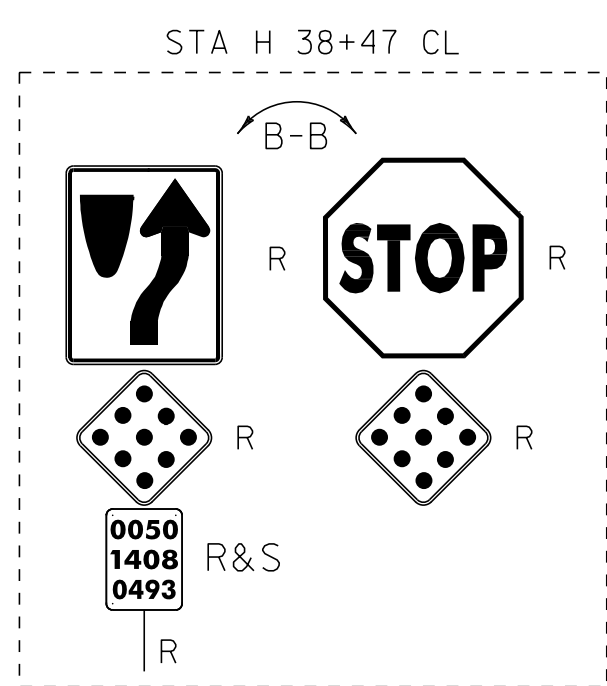
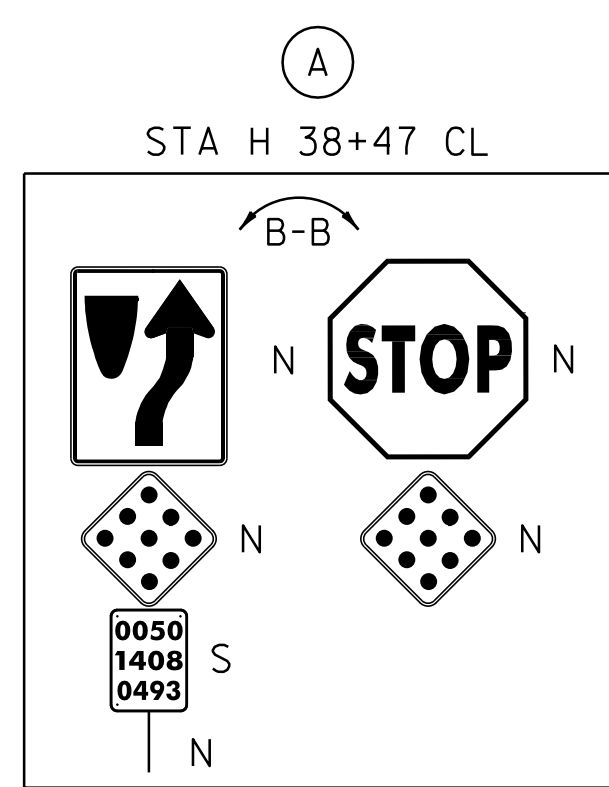
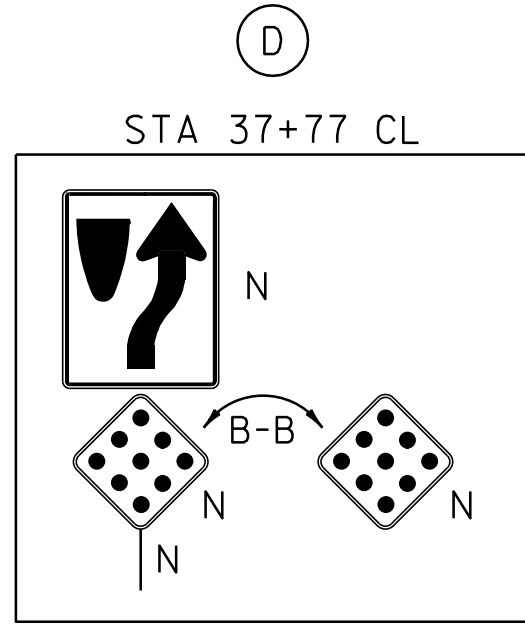
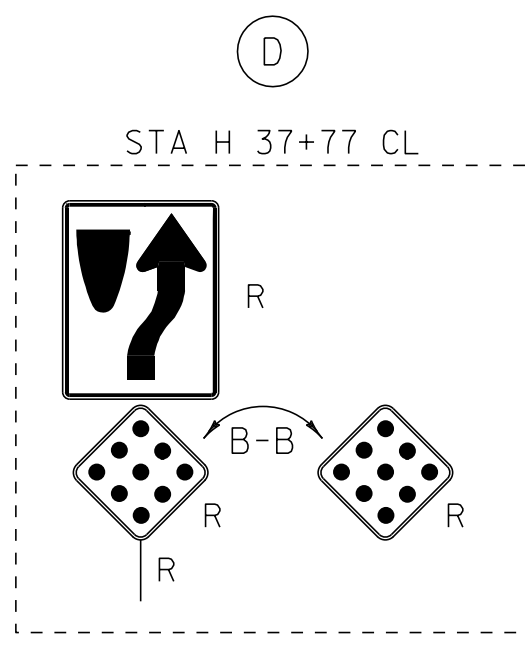
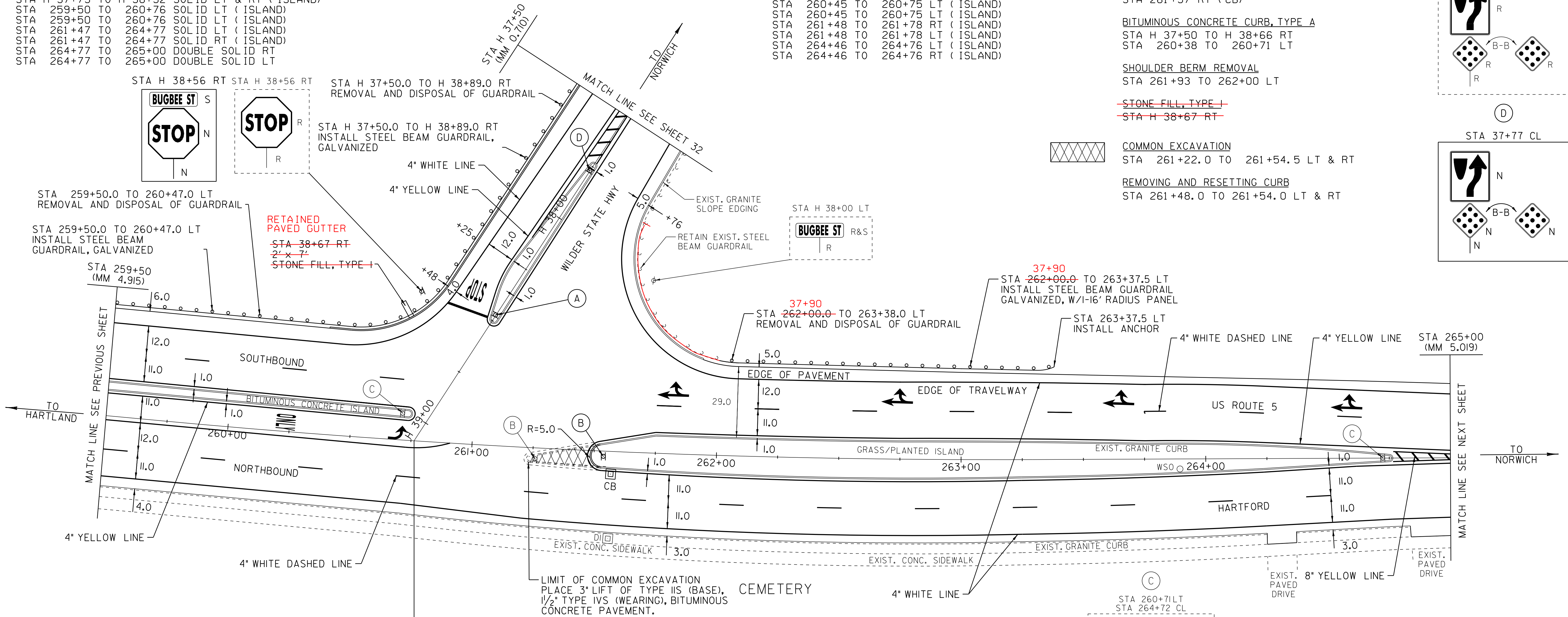
BITUMINOUS CONCRETE CURB, TYPE A
STA H 37+50 TO H 38+66 RT
STA 260+38 TO 260+71 LT

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

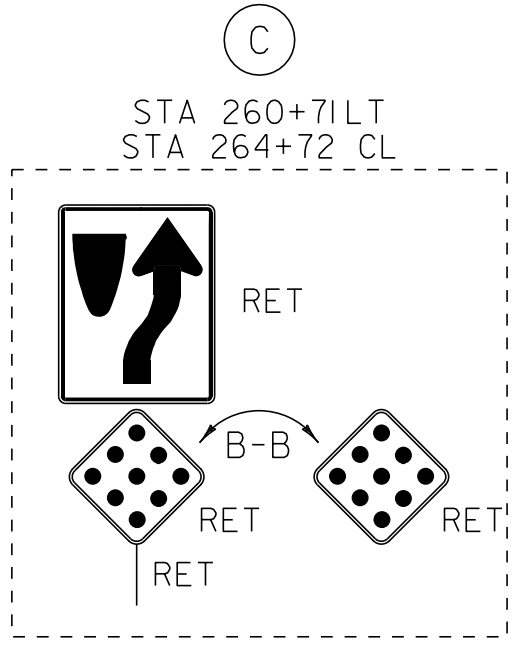
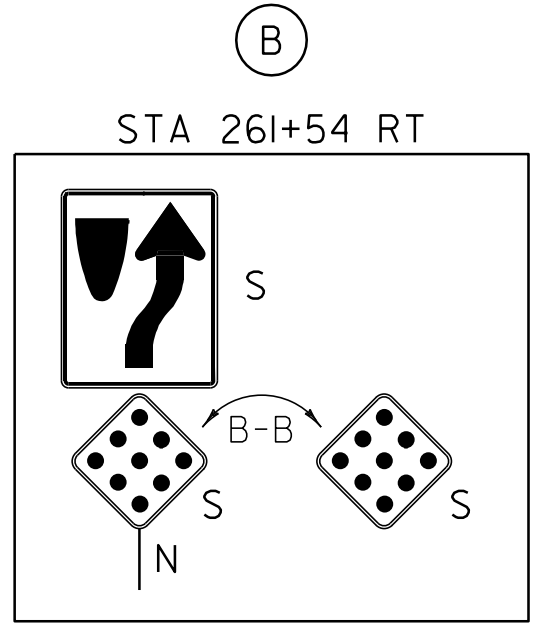
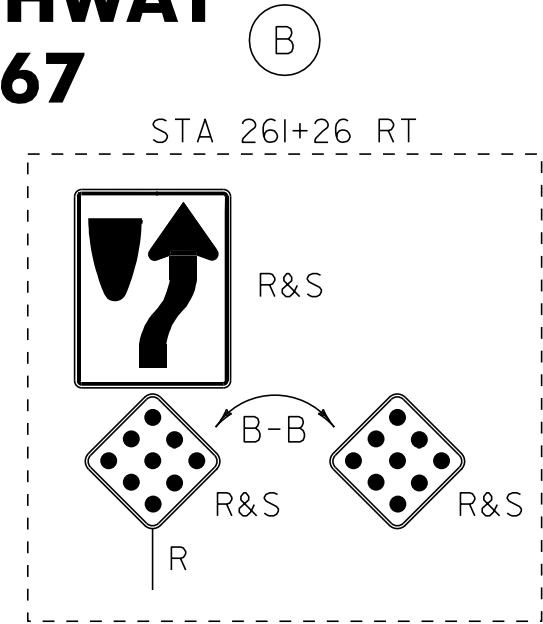
~~STONE FILL, TYPE I~~
~~STA H 38+67 RT~~

COMMON EXCAVATION
STA 261+22.0 TO 261+54.5 LT & RT
REMOVING AND RESETTNG CURB
STA 261+48.0 TO 261+54.0 LT & RT

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



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

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

CUMBERLAND FARM
GAS STATION

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
$\frac{2}{1}-\frac{2}{1}$	=	EXISTING GUARDRAIL
$\frac{0}{0}-\frac{0}{0}$	=	PROPOSED GUARDRAIL
I	=	TYPE I DELINEATOR, WHITE

FILE NAME: /pave/99pcl64/pcl64	PLOT DATE: 14-FEB-2012 15:50
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pcl64lal2.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)

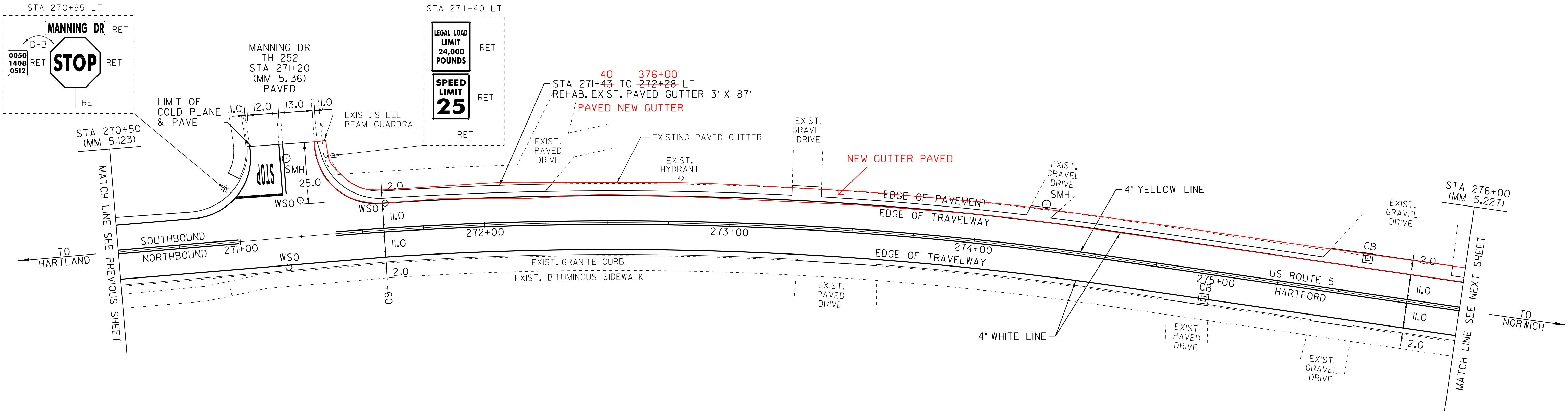
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II OR CLASS III
STA 274+96 RT (CB) (D GRATE)
STA 275+60 LT (CB) (D GRATE)

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
G = EXISTING GUARDRAIL
P = PROPOSED GUARDRAIL
I = TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 13

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

FILE NAME: /pave/99cl64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64lcl3.i
PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 37 OF 137

NOT TO SCALE

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)

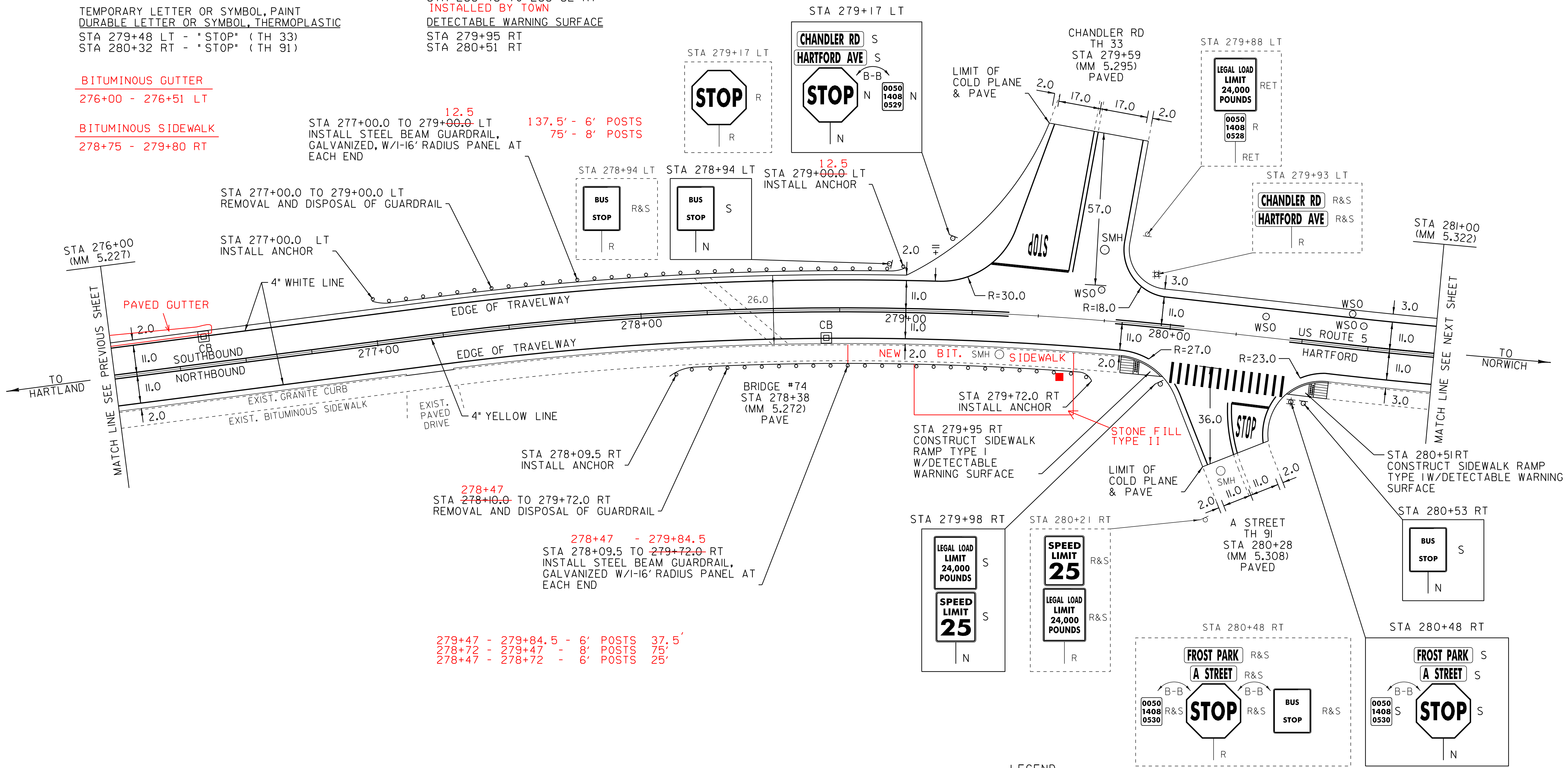
ADJUST ELEVATION
OF VALVE BOX (NON PART.)

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.



- 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 14

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

FILE NAME: /pave/99ci64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64lcl4.i
PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 38 OF 137

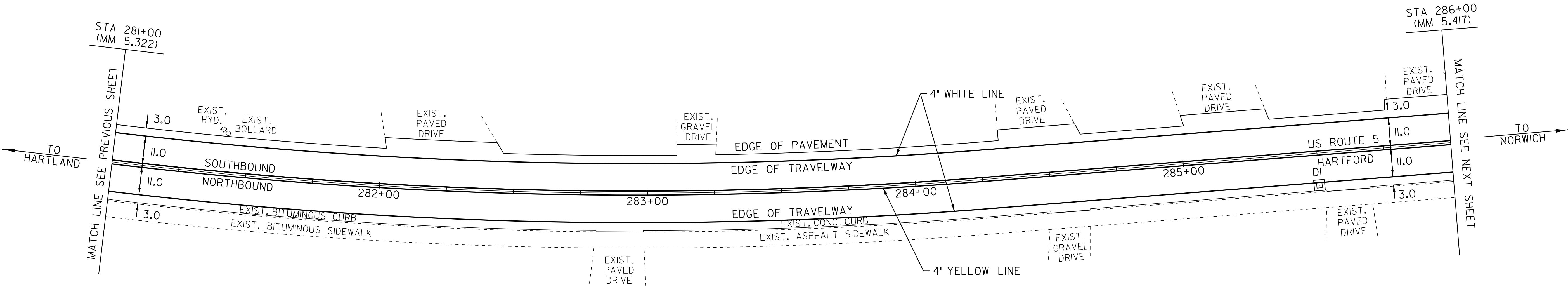
TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
STA 281+00 TO 286+00 SOLID LT & RT

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

PAVING
LAYOUT
SHEET 15

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

FILE NAME: /pave/99cl64/pcl64	PLOT DATE: 14-FEB-2012 15:50
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
IPARM FILE NAME: pcl64lcl5.i	SHEET 39 OF 137

NOT TO SCALE

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 LT

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

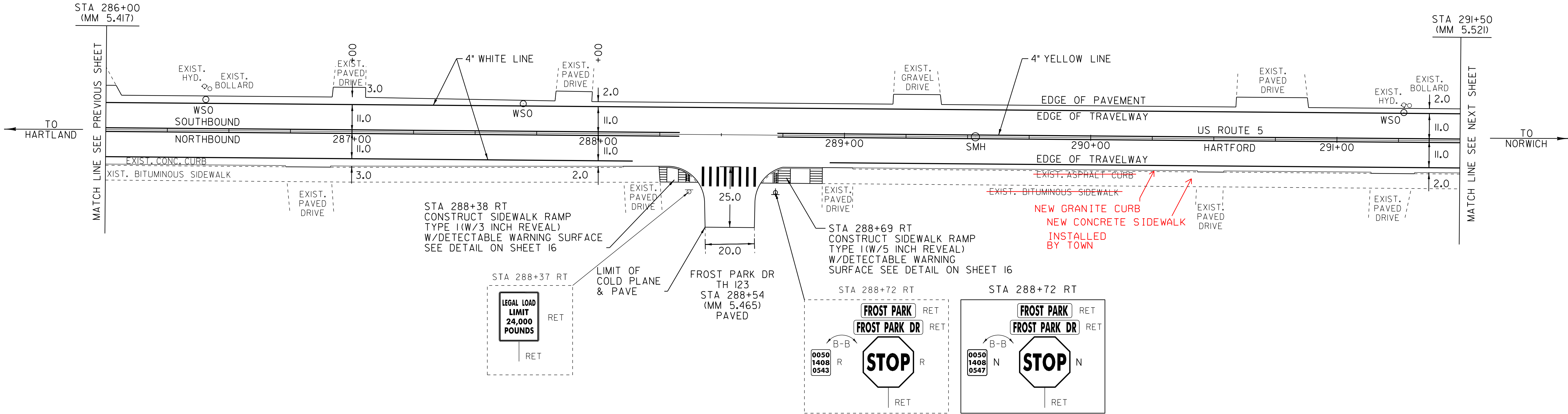
~~REMOVAL AND DISPOSAL OF GUIDE POSTS~~
~~STA 291+29 LT (1)~~

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 1 DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 16

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: pci64l6.i	SHEET 40 OF 137

NOT TO SCALE

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)

DETECTABLE WARNING SURFACE

STA 297+43 RT
STA 297+81 RT

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)

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
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)

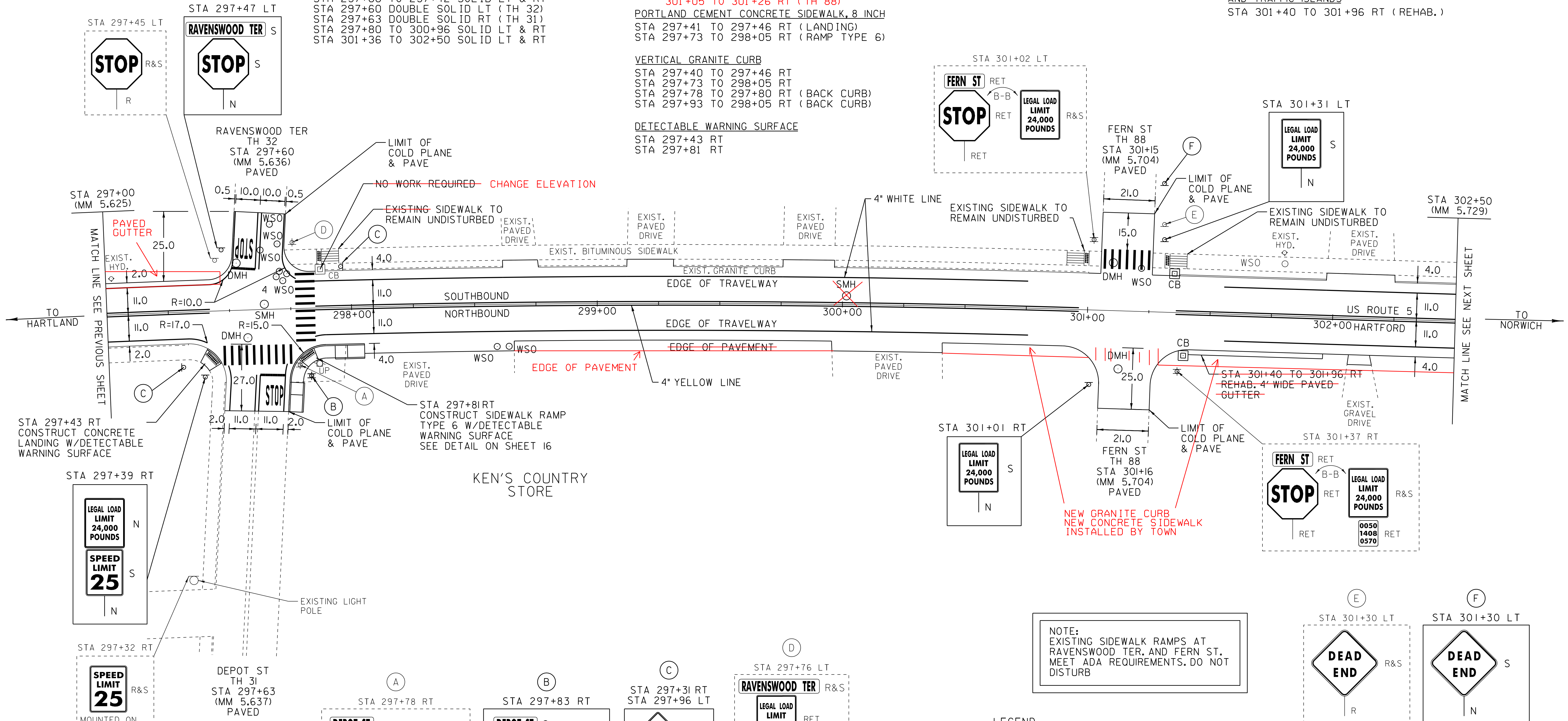
REMOVING SIGNS
AS SHOWN - 10

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 RAMPS 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	PLOT DATE:	14-FEB-2012 15:50
PROJECT NUMBER:	STP 2206(1)S	DRAWN BY:	MRS
FILE NAME:	/pave/99cl64/pci64	CHECKED BY:	NLL
IPARM FILE NAME:	pci64l8.i	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

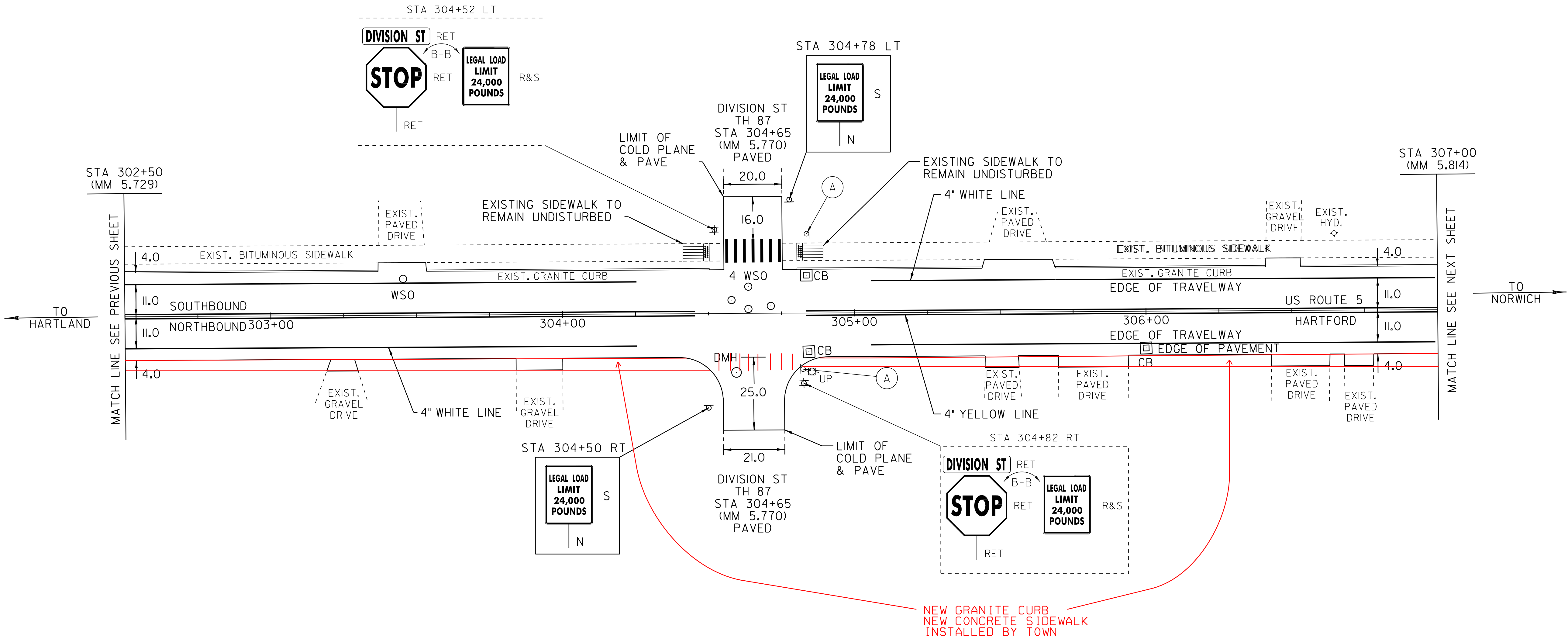
ERECTING SALVAGED SIGNS
AS SHOWN - 2

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

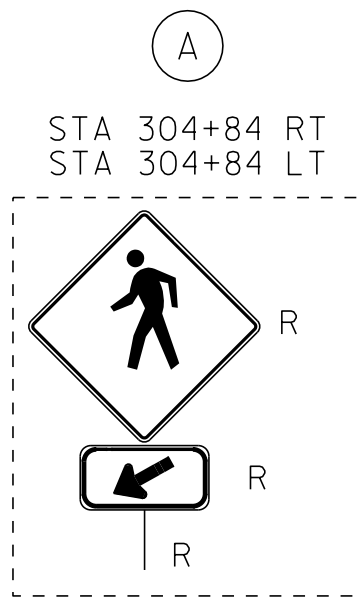
STA 302+50 TO 307+00
MAY HAVE SEWER MANHOLES
HIDDEN BY PAVEMENT.

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

PAVING
LAYOUT
SHEET 19

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

FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64l9.i

PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 43 OF 137

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)

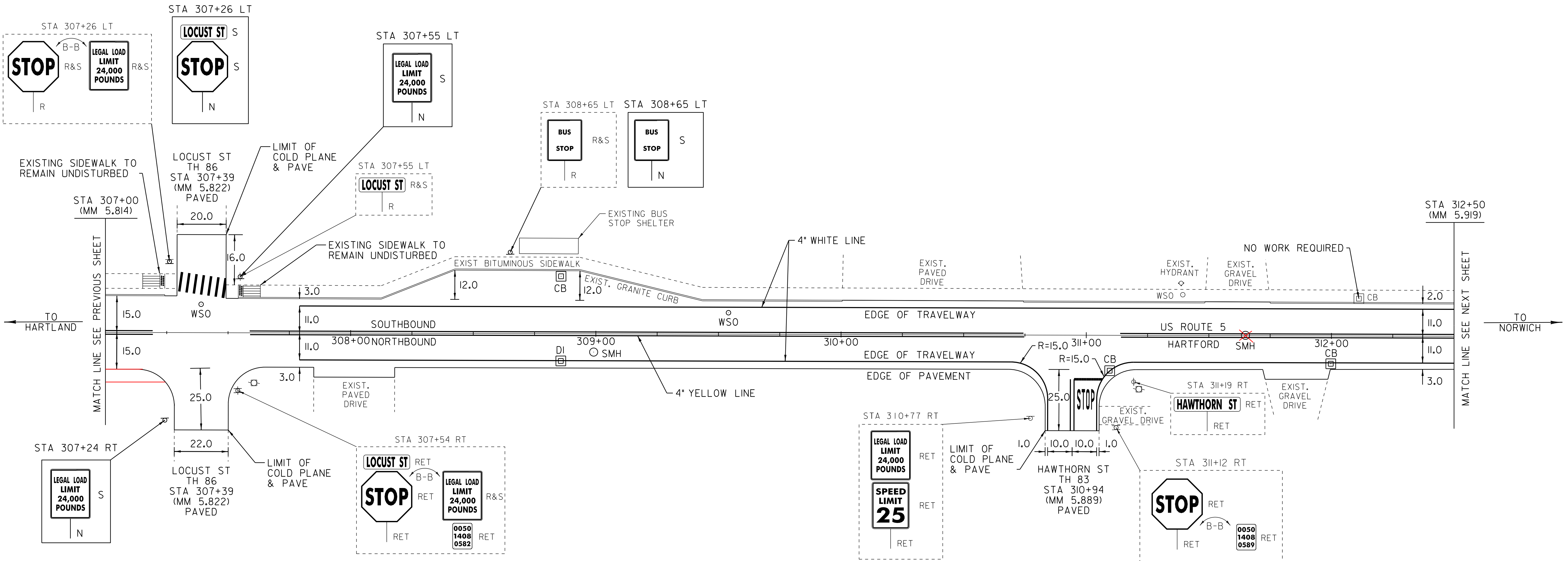
CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
STA 308+99 RT
~~STA 311+65 CL~~

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

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED SIGNS
AS SHOWN - 5

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



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

PAVING
LAYOUT
SHEET 20

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

FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64la20.i

PLOT DATE: 14-FEB-2012 15:50
DRAWN BY: MRS
CHECKED 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 RESETTNG 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.)

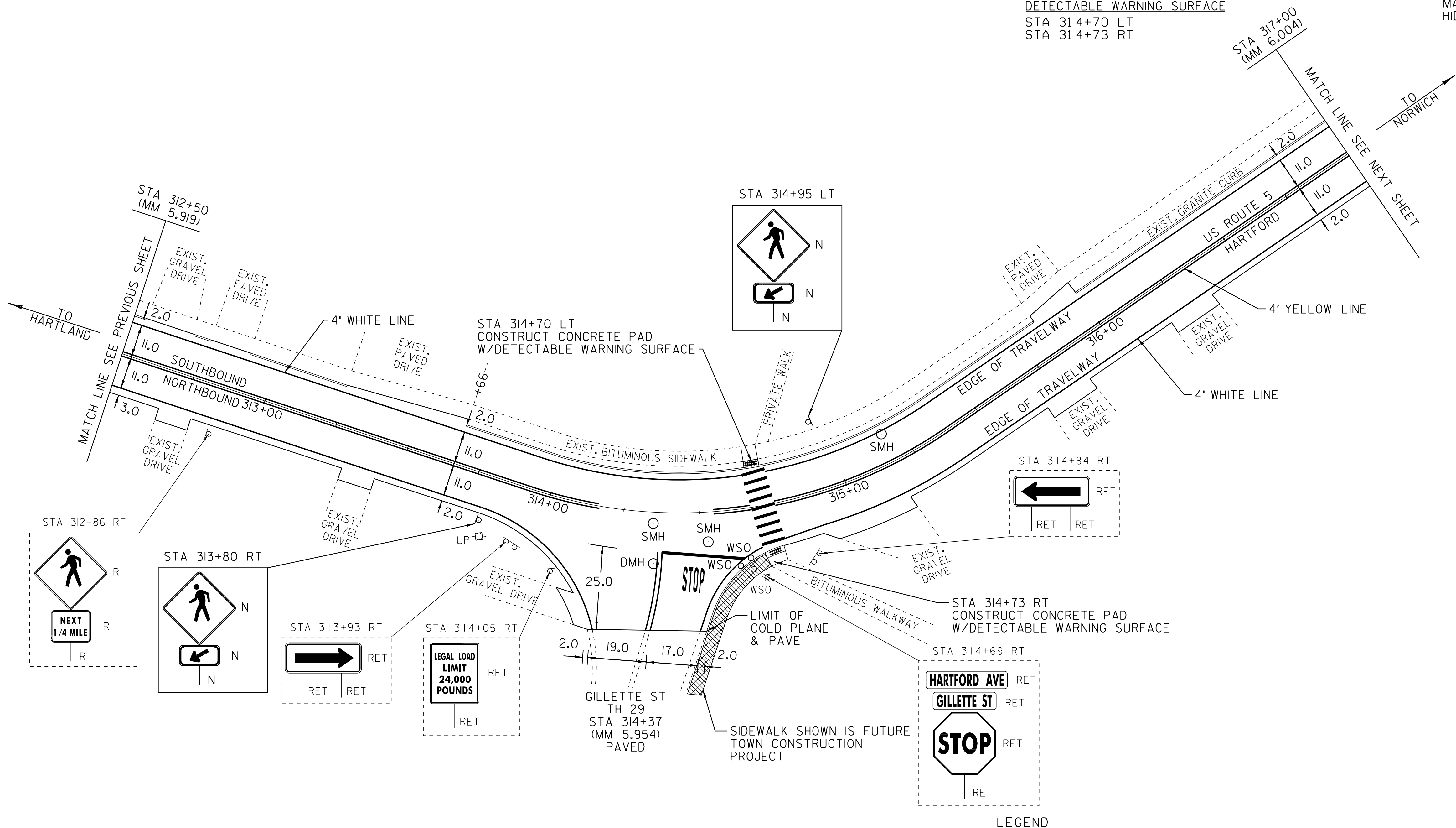
STA 314+35 RT
STA 314+52 RT
STA 315+18 LT

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
 - EXIST. GUARDRAIL = EXISTING GUARDRAIL
 - PROPOSED GUARDRAIL = PROPOSED GUARDRAIL
 - TYPE I DELINEATOR, WHITE = TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 21

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99ci64/pci64

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: pci64i2li

PLOT DATE: 14-FEB-2012 15:50

DRAWN BY: MRS

CHECKED BY: NLL

SHEET 45 OF 137

NOT TO SCALE

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

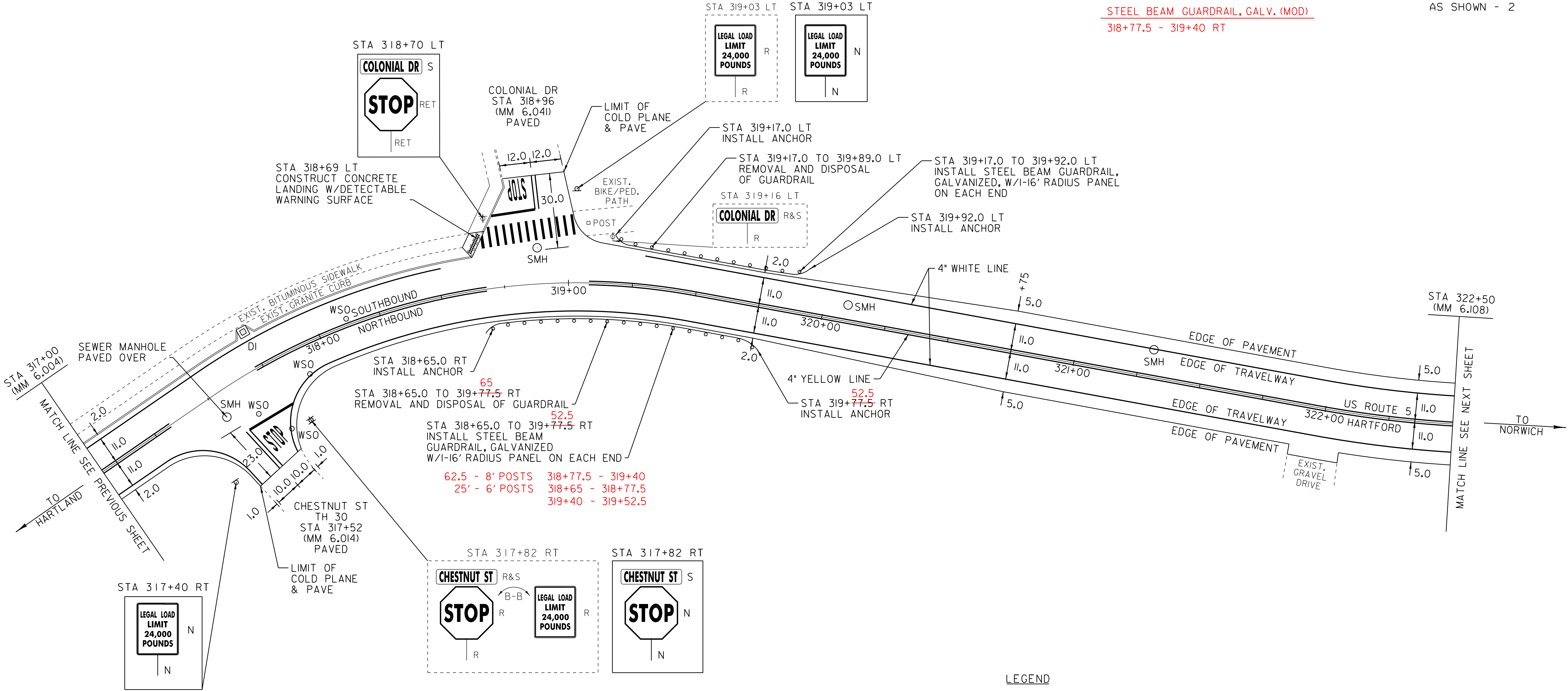
CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
STA 317+52 RT (PAVED OVER)
STA 318+89 LT
STA 320+09 LT
STA 321+30 LT

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



NOT TO SCALE

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 22		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: NLL		CHECKED BY: NLL	
IPARM FILE NAME: pci64la22.i		SHEET 46 OF 137	

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

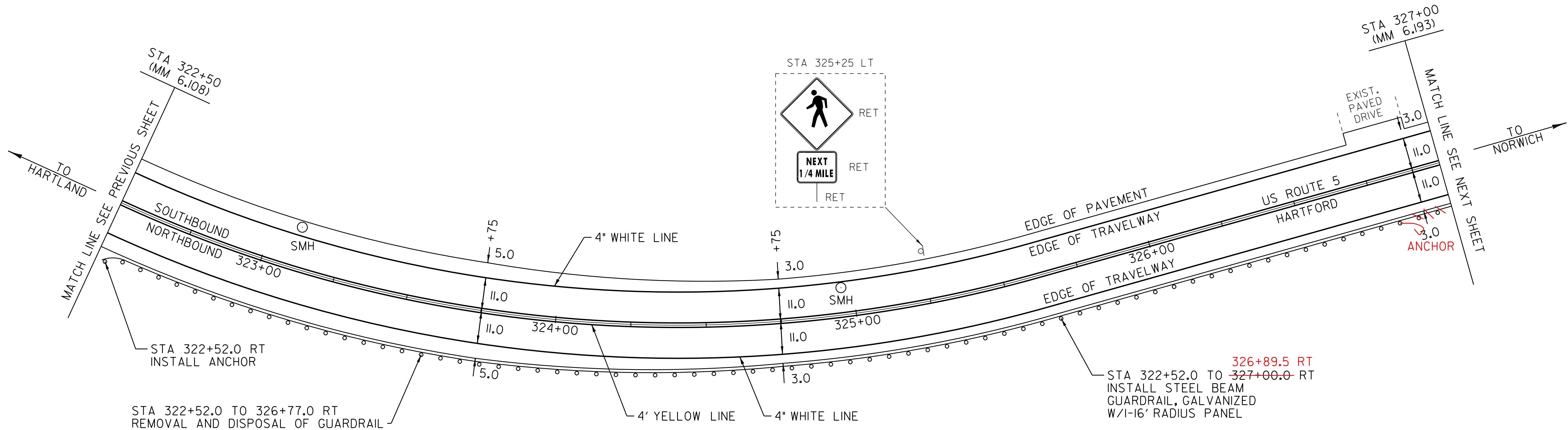
TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA 322+50 TO 327+00 SOLID LT & RT

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

PAVING
LAYOUT
SHEET 23

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

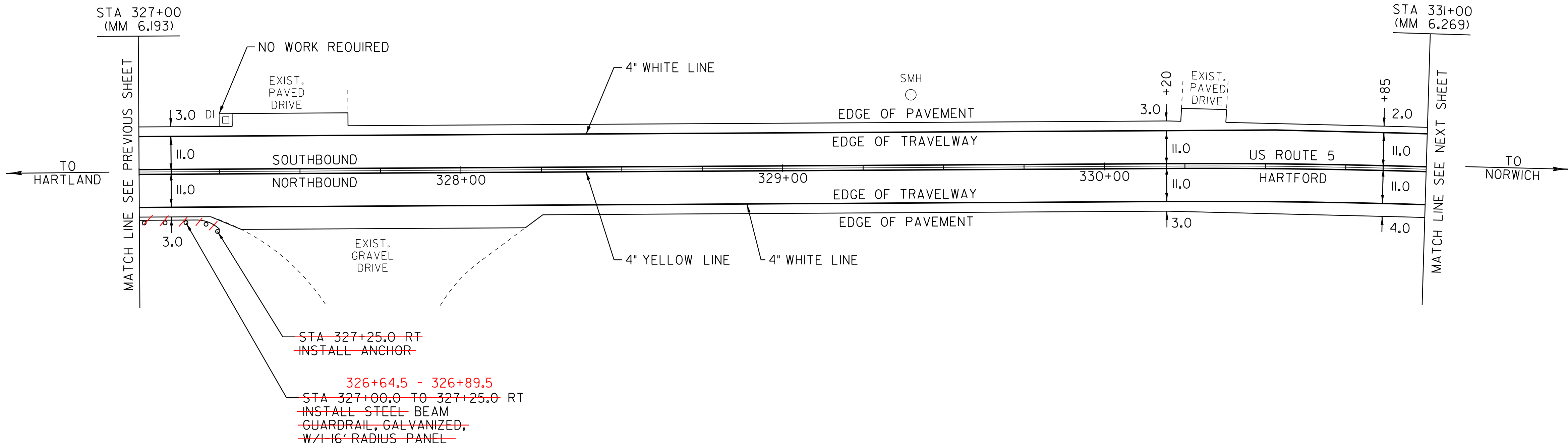
FILE NAME: /pave/99ci64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME:

PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 47 OF 137

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~~



LEGEND

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

PAVING
LAYOUT
SHEET 24

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

FILE NAME: /pave/99cl64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la24.i
PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 48 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE 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

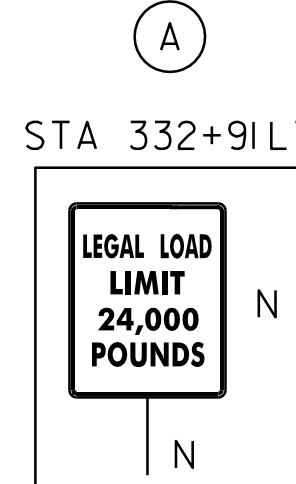
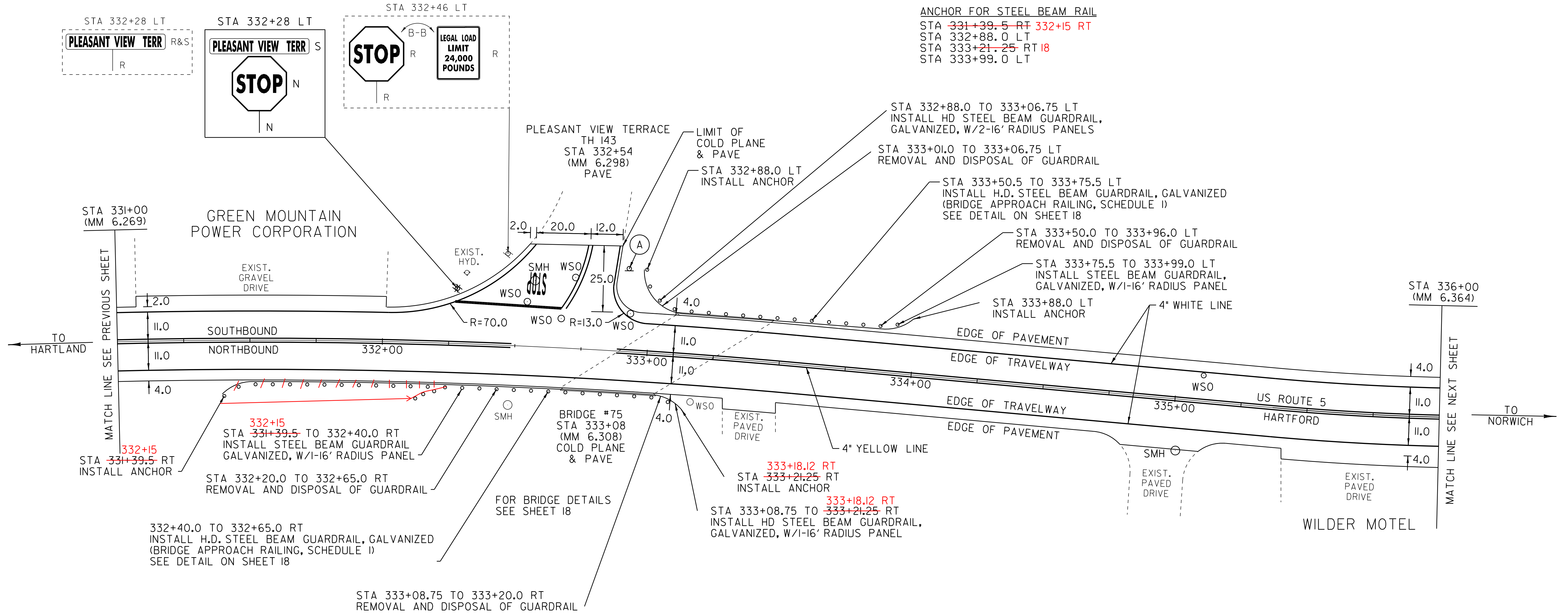
ANCHOR FOR STEEL BEAM RAIL
STA 331+39.5 RT
STA 332+88.0 LT
STA 333+21.25 RT
STA 333+99.0 LT

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

PAVING
LAYOUT
SHEET 25

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99ci64/pcl64

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: pcl64la25.i

PLOT DATE: 14-FEB-2012 15:51

DRAWN BY: MRS

CHECKED BY: NLL

SHEET 49 OF 137

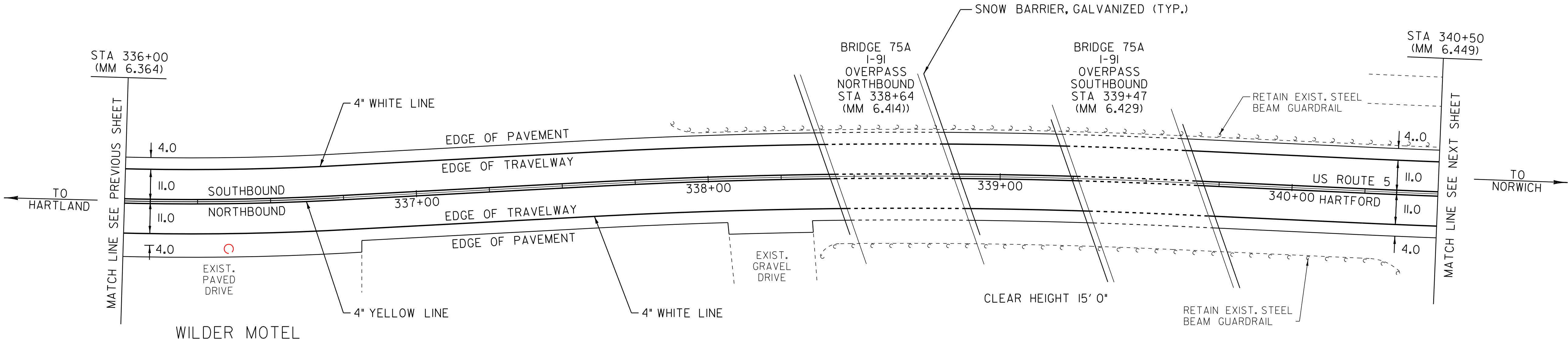
NOT TO SCALE

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
- EXIST. GUARDRAIL = EXISTING GUARDRAIL
- PROPOSED GUARDRAIL = PROPOSED GUARDRAIL
- TYPE 1 DELINEATOR, WHITE = TYPE 1 DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 26

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

FILE NAME: /pave/99cl64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la26.i
PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 50 OF 137

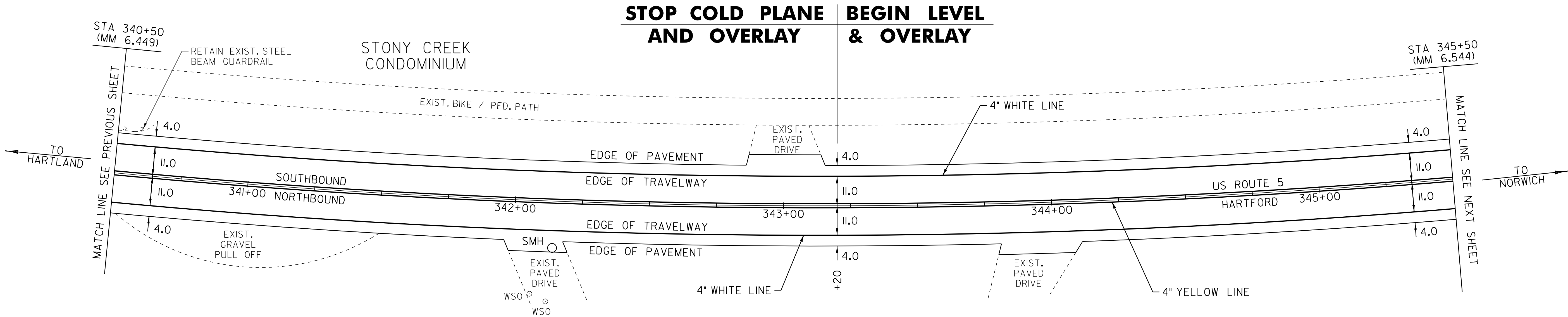
NOT TO SCALE

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~~



LEGEND

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

PAVING
LAYOUT
SHEET 27

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

FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64la27.i

PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 51 OF 137

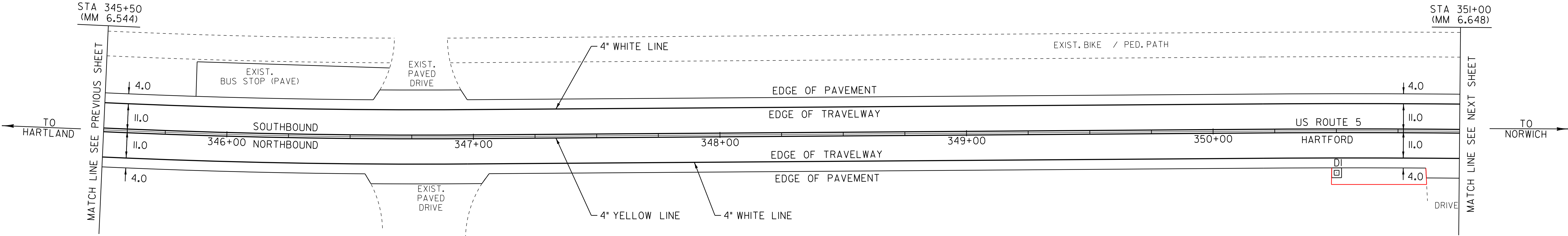
NOT TO SCALE

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
- Y = TYPE I DELINEATOR, WHITE

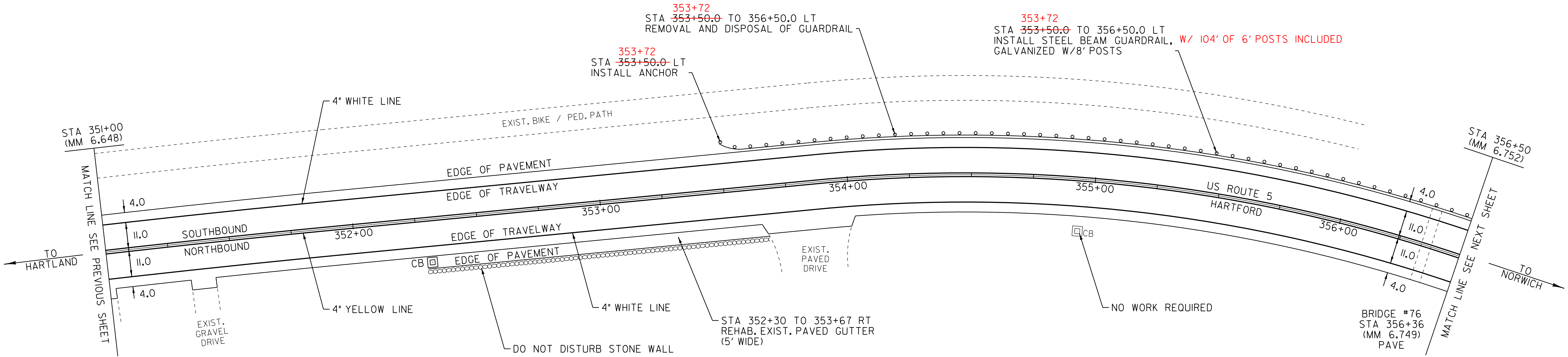
NOT TO SCALE

PAVING LAYOUT SHEET 28	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(I)S	
	FILE NAME: /pave/99cl64/pci64	PLOT DATE: 14-FEB-2012 15:51
	PROJECT LEADER: PTS	DRAWN BY: MRS
	DESIGNED BY: NLL	CHECKED BY: NLL
	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~~ 353+72 TO 356+50.0 LT
STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
STA ~~353+50.0~~ 353+72 TO 356+50.0 LT W/ 104' OF 6' POSTS
ANCHOR FOR STEEL BEAM RAIL
STA ~~353+50.0~~ 353+72 LT
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
- EXIST = EXISTING GUARDRAIL
- PROPOSED = PROPOSED GUARDRAIL
- TYPE I = TYPE I DELINEATOR, WHITE

NOT TO SCALE

PAVING
LAYOUT
SHEET 29

PROJECT NAME: HARTFORD-NORWICH	
PROJECT NUMBER: STP 2206(I)S	
FILE NAME: /pave/99cl64/pcl64	PLOT DATE: 14-FEB-2012 15:51
PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL	CHECKED BY: NLL
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

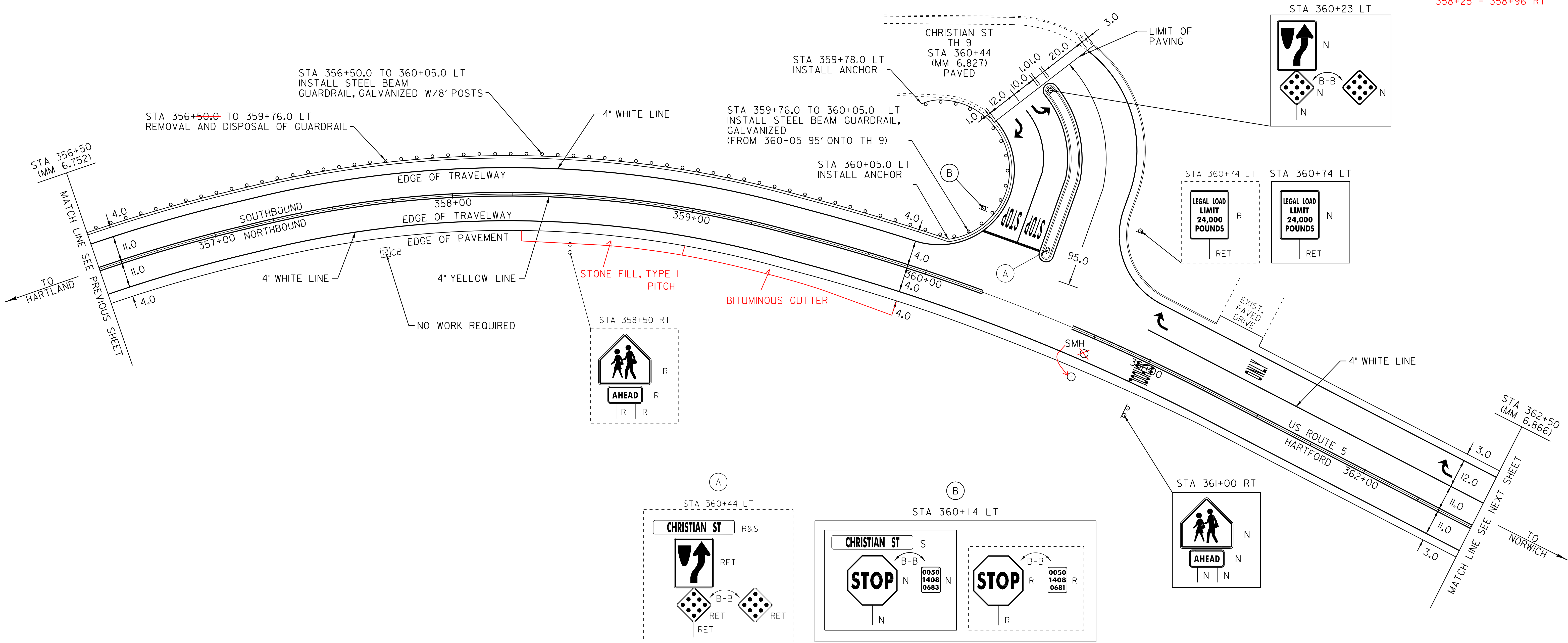
CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
STA 360+74 RT **RETAINED**

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

S

R&S

N

RET

B-B

=

REMOVE EXISTING

=

SALVAGE

=

REMOVE AND SALVAGE

=

NEW

=

RETAIN

=

BACK TO BACK

=

EXISTING GUARDRAIL

=

PROPOSED GUARDRAIL

=

TYPE I DELINEATOR, WHITE

NOT TO SCALE

PAVING
LAYOUT
SHEET 30

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(I)S

FILE NAME: /pave/99ci64/pci64

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: pci64la30.i

PLOT DATE: 14-FEB-2012 15:51

DRAWN BY: MRS

CHECKED BY: NLL

SHEET 54 OF 137

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)

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

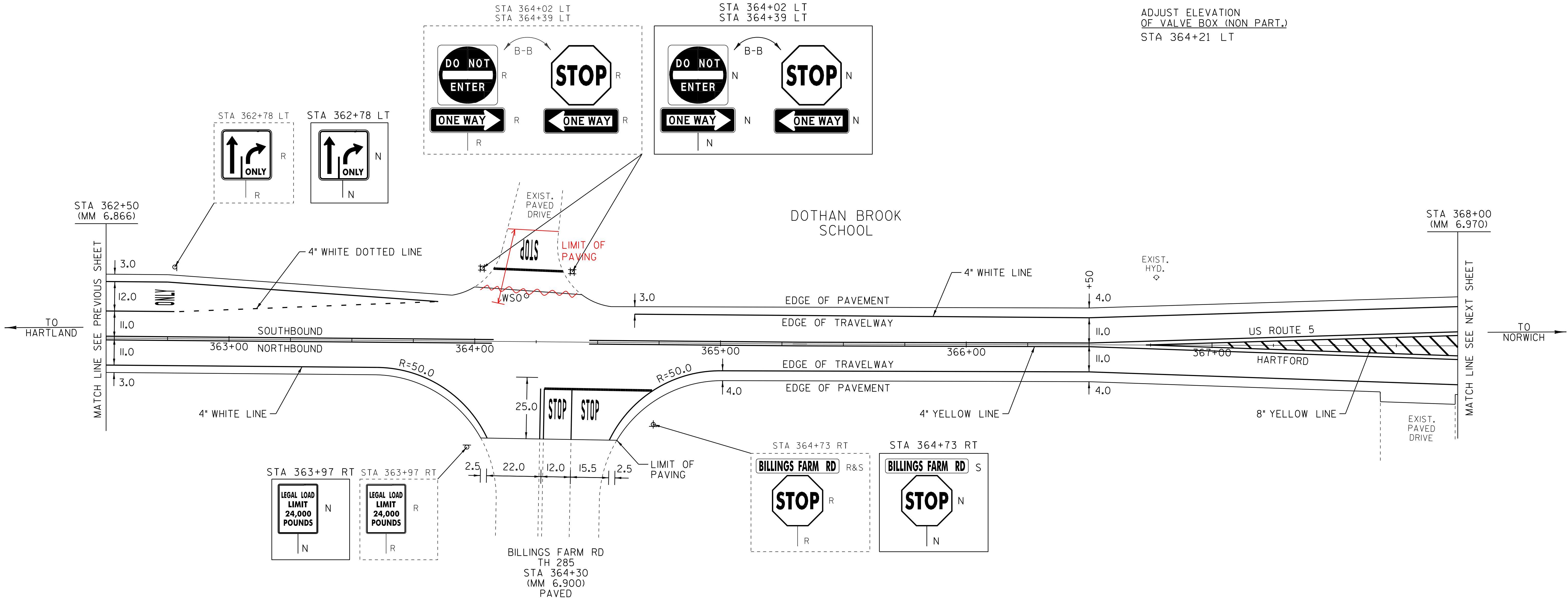
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA 362+74 LT - "ONLY"
STA 364+22 LT - "STOP" (SCHOOL)
STA 364+34 RT - "STOP" (TH 285)
STA 364+47 RT - "STOP" (TH 285)

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

REMOVING SIGNS
AS SHOWN - 12

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

PAVING
LAYOUT
SHEET 31

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

FILE NAME: /pave/99ci64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la3li

PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 55 OF 137

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)

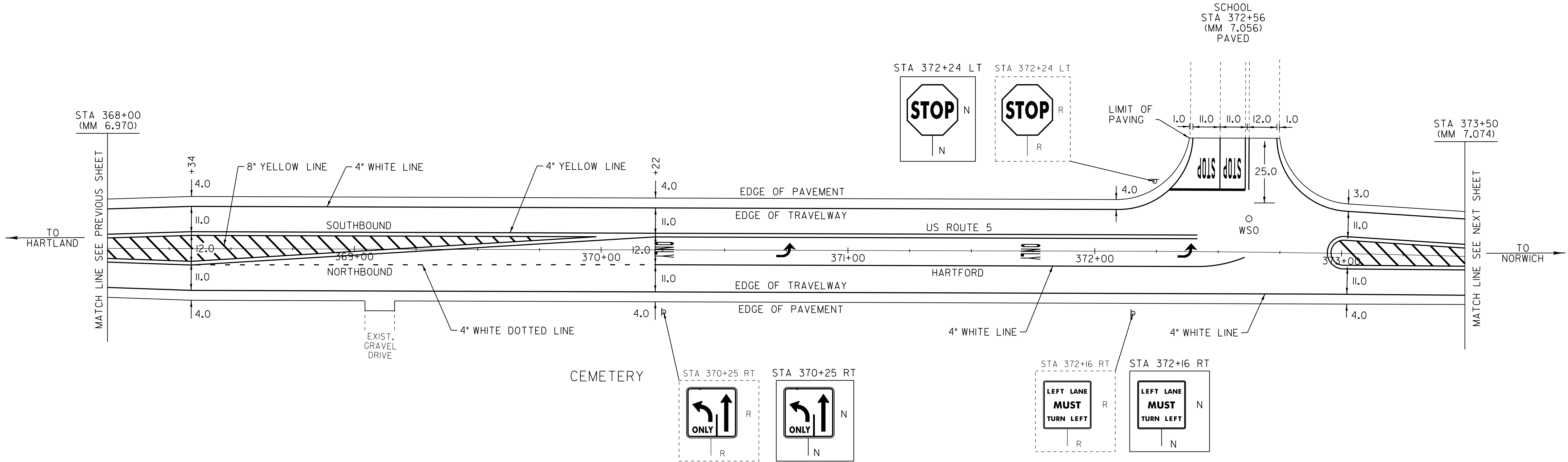
TEMPORARY LETTER OR SYMBOL, PAINT
STA 370+83 CL - LEFT TURN ARROW
STA 372+29 CL - LEFT TURN ARROW
STA 372+45 LT - "STOP" (SCHOOL)
STA 372+56 LT - "STOP" (SCHOOL)

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 1 DELINEATOR, WHITE

PAVING LAYOUT SHEET 32		PROJECT NAME: HARTFORD-NORWICH	
		PROJECT NUMBER: STP 2206(1)S	
FILE NAME: /pave/99ci64/pci64		PLOT DATE: 14-FEB-2012 15:51	
PROJECT LEADER: PTS		DRAWN BY: MRS	
DESIGNED BY: NLL		CHECKED BY: NLL	
IPARM FILE NAME: pci64ia32.i		SHEET 56 OF 137	

NOT TO SCALE

NOT TO SCALE

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~~

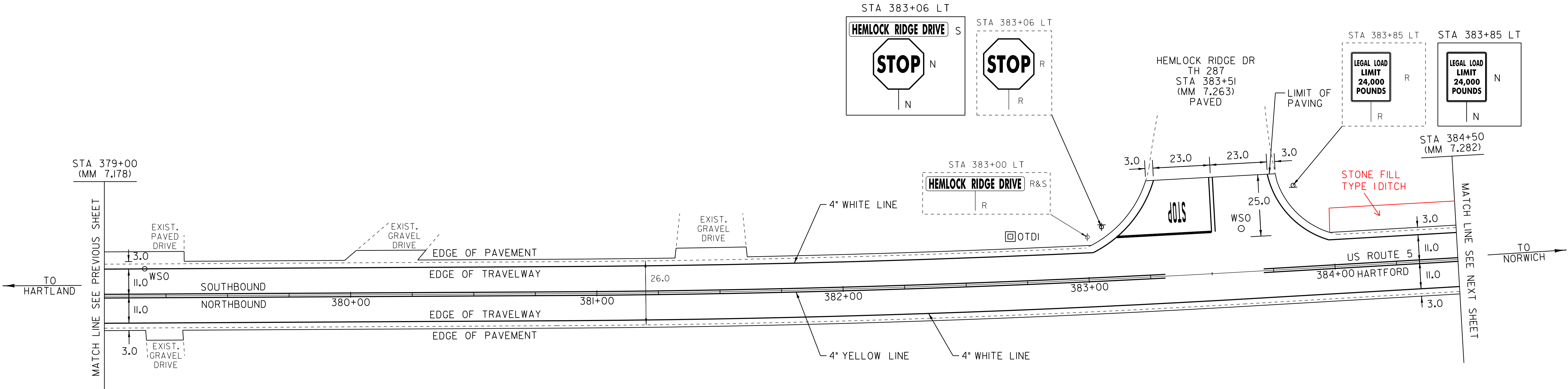
ADJUST ELEVATION
OF VALVE BOX (NON PART.)
STA 379+16 LT
STA 383+63 LT (TH 287)

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

NOT TO SCALE

PAVING LAYOUT SHEET 34	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99ci64/pcl64	PLOT DATE: 14-FEB-2012 15:51
	PROJECT LEADER: PTS	DRAWN BY: MRS
	DESIGNED BY: NLL	CHECKED BY: NLL
	IPARM FILE NAME: pcl64la34.i	SHEET 58 OF 137

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

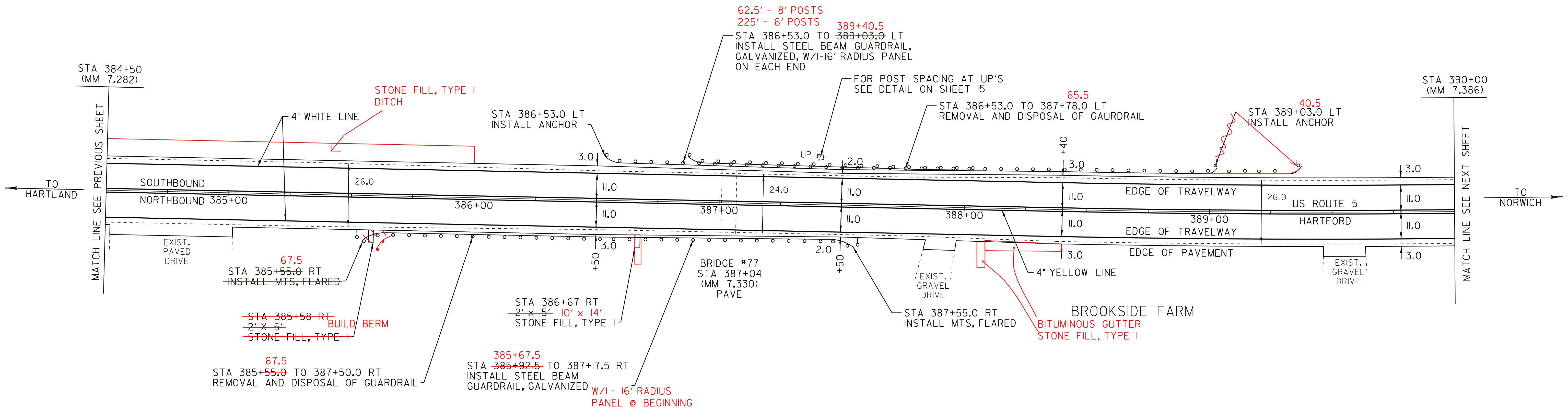
ANCHOR FOR STEEL BEAM RAIL
STA 386+53.0 LT
STA 389+03.0 LT 385+65 LT
40.5

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

PAVING
LAYOUT
SHEET 35

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pcl64

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: pcl64la35.i

PLOT DATE: 14-FEB-2012 15:51

DRAWN BY: MRS

CHECKED BY: NLL

SHEET 59 OF 137

NOT TO SCALE

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

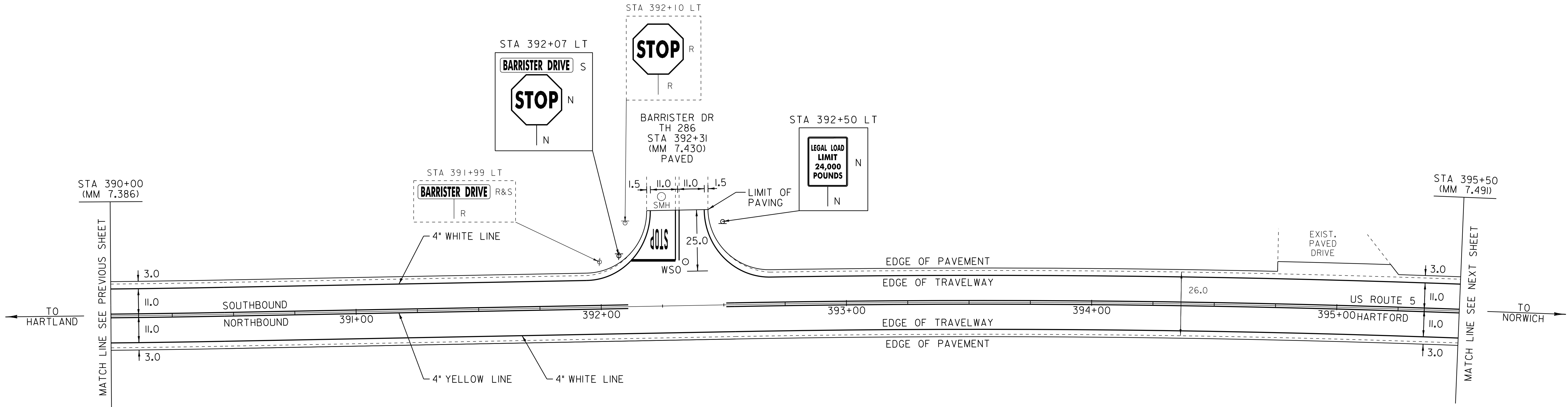
TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA 392+25 LT - "STOP" (TH 286)

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
- Y = TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 36

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

FILE NAME: /pave/99cl64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la36.i

PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 60 OF 137

NOT TO SCALE

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)

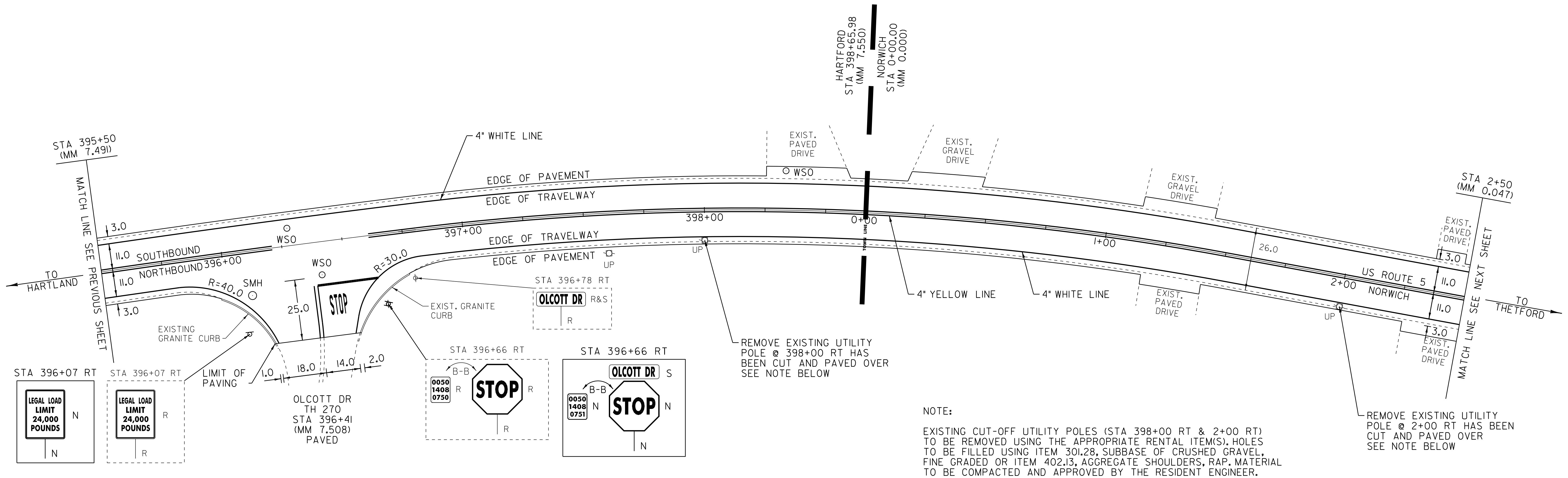
TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
STA 396+38 TO 396+63 RT (TH 270)

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



LEGEND

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

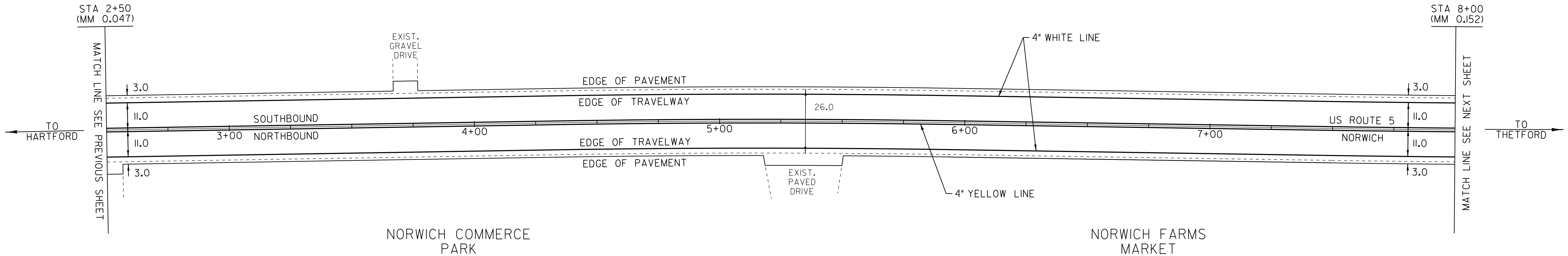
PAVING
LAYOUT
SHEET 37

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

FILE NAME: /pave/99ci64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64ia37.i

PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 61 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
- Y = TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 38

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pci64

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: pci64la38.i

PLOT DATE: 14-FEB-2012 15:51

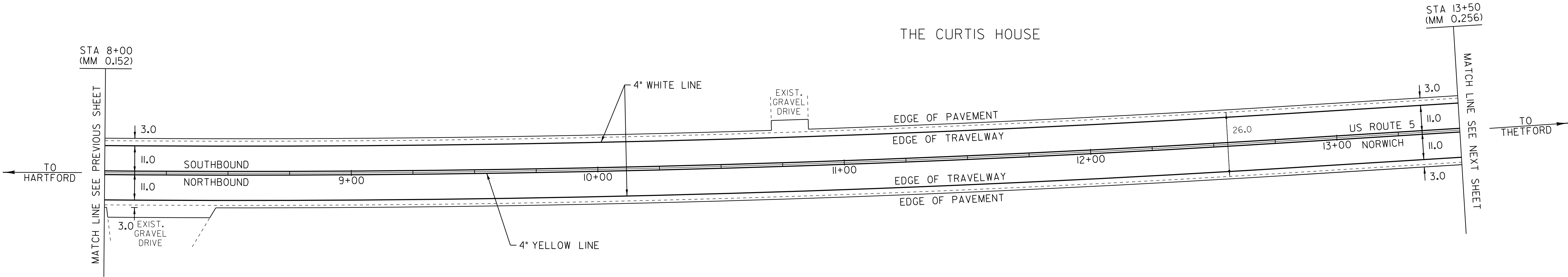
DRAWN BY: MRS

CHECKED BY: NLL

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

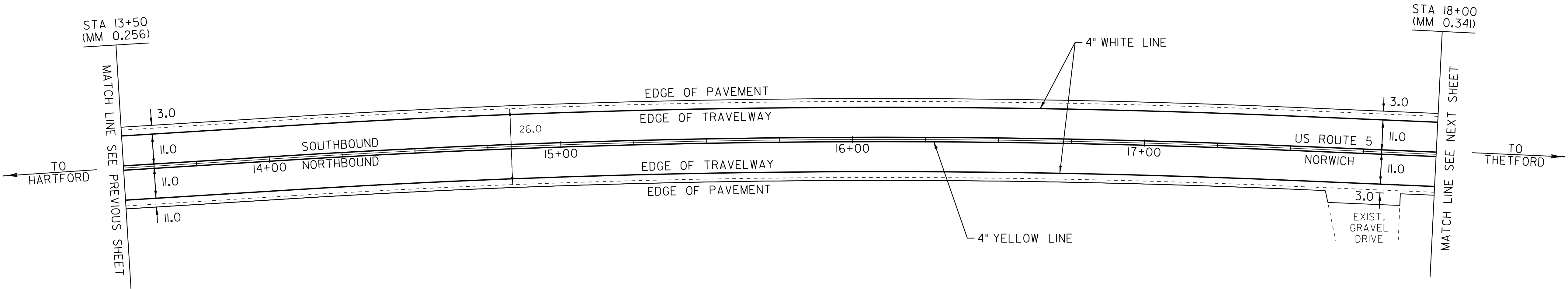


LEGEND

- 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

PAVING LAYOUT SHEET 39	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: NLL		CHECKED BY: NLL
IPARM FILE NAME: pci64la39.i		SHEET 63 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

PAVING LAYOUT SHEET 40	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99ci64/pcl64	PLOT DATE: 14-FEB-2012 15:51
	PROJECT LEADER: PTS	DRAWN BY: MRS
	DESIGNED BY: NULL	CHECKED BY: NULL
	IPARM FILE NAME: pcl64la40.i	SHEET 64 OF 137

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

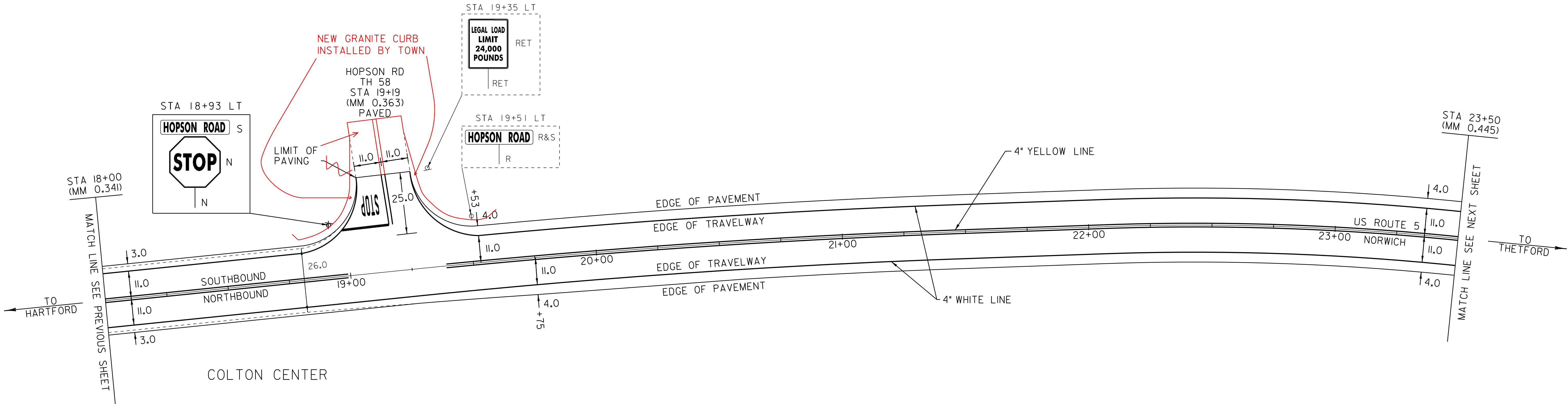
TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA 18+00 TO 18+99 SOLID LT & RT
STA 19+19 DOUBLE SOLID LT (TH 58)
STA 19+39 TO 23+50 SOLID LT & RT

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
G = EXISTING GUARDRAIL
P = PROPOSED GUARDRAIL
D = TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 41

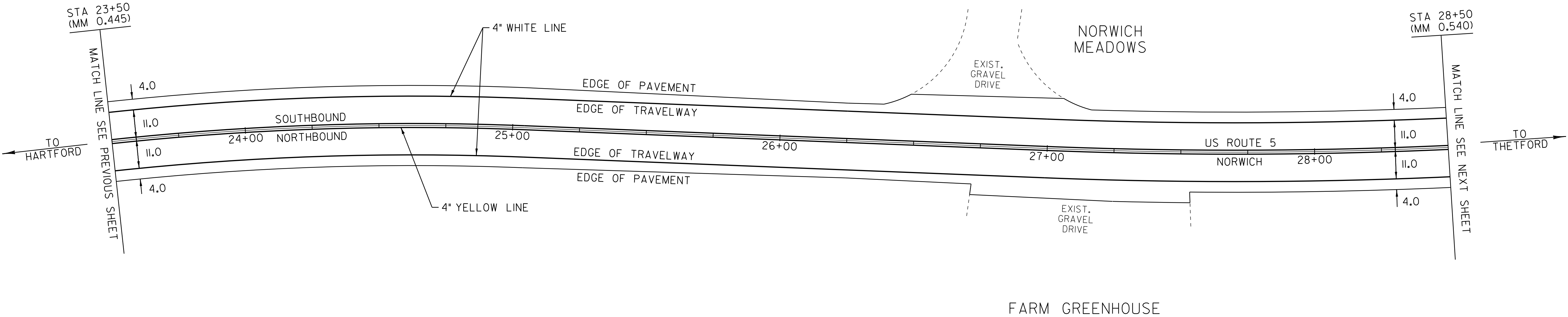
PROJECT NAME: HARTFORD-NORWICH
PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99ci64/pcl64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pcl64la4li
PLOT DATE: 14-FEB-2012 15:51
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 65 OF 137

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
STA 23+50 TO 28+50 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
STA 23+50 TO 28+50 SOLID LT & RT

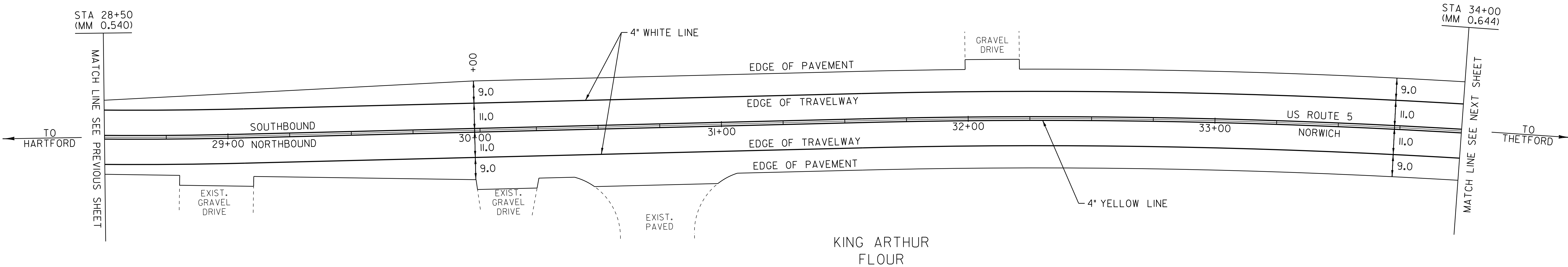


LEGEND

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

PAVING LAYOUT SHEET 42	PROJECT NAME: HARTFORD-NORWICH	
	PROJECT NUMBER: STP 2206(1)S	
	FILE NAME: /pave/99cl64/pcl64	PLOT DATE: 14-FEB-2012 15:52
	PROJECT LEADER: PTS	DRAWN BY: MRS
DESIGNED BY: NLL		CHECKED BY: NLL
IPARM FILE NAME: pcl64la42.i		SHEET 66 OF 137

NOT TO SCALE



LEGEND

- R

S

R&S

N

RET

B-B
- =

=

=

=

=

=

=

=

=
- REMOVE EXISTING

SALVAGE

REMOVE AND SALVAGE

NEW

RETAIN

BACK TO BACK

EXISTING GUARDRAIL

PROPOSED GUARDRAIL

TYPE I DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 43

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pcl64

PLOT DATE: 14-FEB-2012 15:52

PROJECT LEADER: PTS

DRAWN BY: MRS

DESIGNED BY: NLL

CHECKED BY: NLL

IPARM FILE NAME: pcl64la43.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

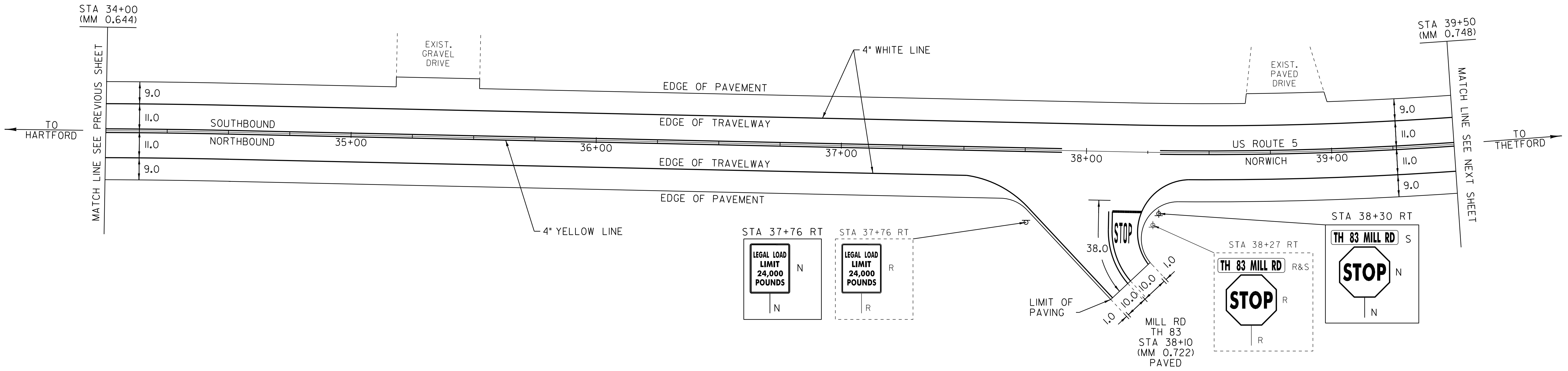
TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA 34+00 TO 37+90 SOLID LT & RT
STA 38+10 DOUBLE SOLID RT (TH 83)
STA 38+30 TO 39+50 SOLID LT & RT

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 SLAVAGED 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
- Y = TYPE 1 DELINEATOR, WHITE

NOT TO SCALE

PAVING
LAYOUT
SHEET 44

PROJECT NAME: HARTFORD-NORWICH

PROJECT NUMBER: STP 2206(1)S

FILE NAME: /pave/99cl64/pci64

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: pci64lq44.i

PLOT DATE: 14-FEB-2012 15:52

DRAWN BY: MRS

CHECKED BY: NLL

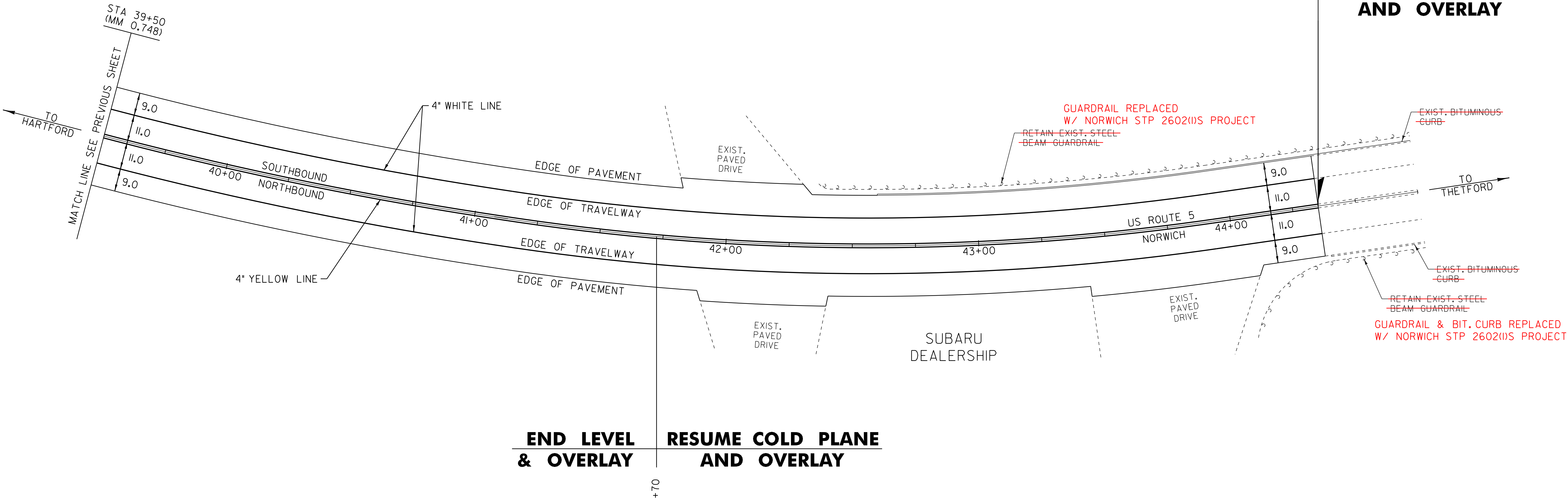
SHEET 68 OF 137

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 1 DELINEATOR, WHITE

PAVING
LAYOUT
SHEET 45

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

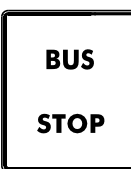
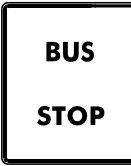
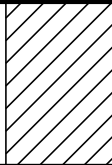
FILE NAME: /pave/99cl64/pci64
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pci64la45.i
PLOT DATE: 14-FEB-2012 15:52
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 69 OF 137

NOT TO SCALE

TRAFFIC SIGN SUMMARY SHEET #1

[illegible]

TRAFFIC SIGN SUMMARY SHEET #2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN S ALV AGE	NO. OF P OST S	NEW SIGN POSTS														RE QU I R E D S I G N M E D	REMARKS			SIGN DETAIL										
											FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)								W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
		EA	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS			lb/ft			1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5		4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE								
											1.12	2.0	3.0															1.88	2.42					3.35	1.3	1.7	1.7	7.6	9.0
												OPTION ITEMS																											
26I+54 RT							I				I					X		X																					
	 						I																														BACK TO BACK		
278+94 LT							I				I	13.50				X		X																					
279+17 LT							I				I					X		X																			SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.		
							I																														SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.		
	 	I	30	30	6.25																															RI-I	BACK TO BACK		E-I43 E-I38
279+98 RT							I				I					X		X																					
							I																																
280+48 RT							I				I					X		X																			SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.		
							I																														SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.		
	 						I																														BACK TO BACK		
280+53 RT							I				I					X		X																					
288+72 RT	 	I	30	30	6.25					I																										RI-I	BACK TO BACK		E-I43 E-I38
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."											FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB													
											FT			FT			LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #2			PROJECT NAME: HARTFORD-NORWICH									
											FT			FT			LB				LB									PROJECT NUMBER: STP 2206(I)S									
											FT			FT			LB				LB									FILE NAME: /pave/99ci64/pci64									
											FT			FT			LB				LB									PLOT DATE: 14-FEB-2012 15:52									
											FT			FT			LB				LB									DRAWN BY: MRS									
											FT			FT			LB				LB									CHECKED BY: NLL									
											FT			FT			LB				LB									SHEET 71 OF 137									

TRAFFIC SIGN SUMMARY SHEET #3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																		REQUIR- ED FRAMING	REMARKS				SIGN DETAIL	
												FLANGED CHANNEL						SQUARE STEEL				TUBULAR ALUMINUM			TUBULAR STEEL				W-SHAPE STEEL						DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS				lb/ft			(in)		ANCHOR	SLEEVE	Ø (in)		FOUND- ATION	Ø (in)		FTG. SIZE		WEIGHT	POST SIZE									
												1.12	2.0	3.0	1.75	2.0			2.5	3.0		4.0	4.0 MOD	3.0	3.5			4.0	5.0		24"	30"				
												OPTION ITEMS																								
293+68 RT		I					I				I				X		X																			
293+98 RT		I					I																							SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.						
297+31 RT		I	30	30	6.25						I				X		X													WII-2 FLUORESCENT YELLOW-GREEN SHEETING		E-I52				
		I	24	12	2.00																									WI6-7P FLUORESCENT YELLOW-GREEN SHEETING		E-I52				
297+39 RT		I	24	30	5.00						I				X		X													VR-017		E-I41				
		I					I																													
297+47 LT		I					I				I				X		X													SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.						
		I					I																													
297+83 RT		I					I				I				X		X													SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.						
		I I	30 6	30 10	6.25 0.42																								RI-1 BACK TO BACK		E-I43 E-I38					
297+96 LT		I	30	30	6.25						I				X															WII-2 FLUORESCENT YELLOW-GREEN SHEETING		E-I52				
		I	24	12	2.00																									WI6-7P FLUORESCENT YELLOW-GREEN SHEETING		E-I52				
301+01 RT		I					I				I	13.58			X		X																			
		I																																		
		I																																		
		I																																		
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."												FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB										
															105.0																					
SHEET TOTALS					SF 28.17	SF	EA. 7	EA.				FT 100.58 LF			FT 105.0				LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #3			PROJECT NAME: HARTFORD-NORWICH PROJECT NUMBER: STP 2206(I)S FILE NAME: /pave/99ci64/pcl64 PROJECT LEADER: PTS DESIGNED BY: NLL IPARM FILE NAME: pcl64tss03.i		PLOT DATE: 14-FEB-2012 15:52 DRAWN BY: MRS CHECKED BY: NLL SHEET 72 OF 137		

TRAFFIC SIGN SUMMARY SHEET #4

[illegible]

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET #6																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL			
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF P OST S	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			RE FR A I N E D	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- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT					POST SIZE		
																										1.2	2.0							3.0	1.88
OPTION ITEMS																																			
360+74 LT		I	24	30	5.00					I																						VR-017		E-141	
361+00 RT		I	36	36	9.00						2				X		X														SI-I	FLUORESCENT YELLOW-GREEN SHEETING		E-153	
		I	24	12	2.00																										WI6-9P	FLUORESCENT YELLOW-GREEN SHEETING			
362+78 LT		I	30	30	6.25						I				X		X														VR-92I		E-145A		
363+97 RT		I	24	30	5.00						I				X		X														VR-017		E-141		
364+02 LT	 	I I	30 30	30 30	6.25 6.25						I				X		X														R5-I RI-I	BACK TO BACK		E-143 E-143	
	 	I I	36 36	12 12	3.00 3.00																										R6-IR R6-IL	BACK TO BACK		E-142 E-142	
364+39 LT	 	I I	30 30	30 30	6.25 6.25						I				X		X														R5-I RI-I	BACK TO BACK		E-143 E-143	
	 	I I	36 36	12 12	3.00 3.00																										R6-IR R6-IL	BACK TO BACK		E-142 E-142	
364+73 RT								I			I				X		X														SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.				
		I	30	30	6.25																										RI-I		E-143		
370+25 RT		I	30	30	6.25						I				X		X														VR-92I		E-145A		
372+16 RT		I	30	30	6.25						I				X		X														R3-7L		E-140		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB									
												135.0																							
												131.07			135.0				LB			EA.	LB			EA.	EA.	LB							
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STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET #7																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL					
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF P OST S	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				FR EQU I RE D	DE TA IL O N S H E E T N U M B E R	STD. S H E E T N U M B E R			
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT					POST SIZE		
																										1.2	2.0							3.0	1.88
											OPTION ITEMS																								
372+24 LT		I	30	30	6.25						I					X		X															RI-I		E-143
377+30 LT								I			I					X		X														SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.			
		I	30	30	6.25																											RI-I		E-143	
377+66 LT		I	24	30	5.00						I					X		X														VR-017		E-141	
378+10 LT		I	36	36	9.00						2					X		X													SI-I	FLUORESCENT YELLOW-GREEN SHEETING		E-153	
		I	24	12	2.00																										WI6-9P	FLUORESCENT YELLOW-GREEN SHEETING			
383+06 LT								I			I					X		X														MOUNTED STREET SIGN PERPENDICULAR TO TOP OF STOP SIGN.			
		I	30	30	6.25																											RI-I		E-143	
383+85 LT		I	24	30	5.00						I					X		X														VR-017		E-141	
392+07 LT								I			I					X		X														SIGN TO BE MOUNTED PERPENDICULAR TO TOP OF STOP SIGN.			
		I	30	30	6.25																											RI-I		E-143	
392+50 LT		I	24	30	5.00						I					X		X														VR-017		E-141	
396+07 RT		I	24	30	5.00						I					X		X														VR-017		E-141	
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."												FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB									
												150.0			150.0				150.0				150.0												
												138.25			150.0				150.0				150.0												
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TRAFFIC SIGN SUMMARY SHEET #8

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