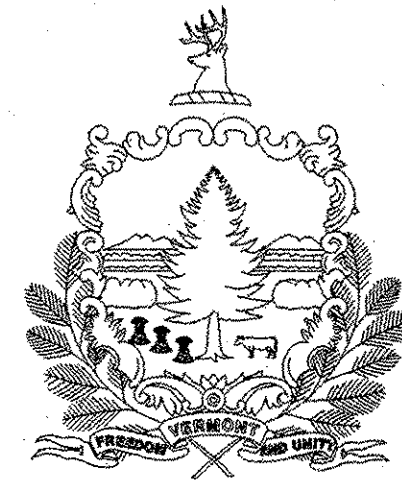


STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF RUTLAND & PROCTOR COUNTY OF RUTLAND VT. ROUTE 3

BEGINNING IN RUTLAND AT THE INTERSECTION OF BUSINESS ROUTE US 4 ON VT ROUTE 3 AT STATION 0+33 (MM 0.006) AND EXTENDING NORTHERLY ALONG ROUTE 3 A DISTANCE OF 3.502 MILES (18,489 FEET) TO STATION P 95+70.00 (MM 1.813) IN PROCTOR.

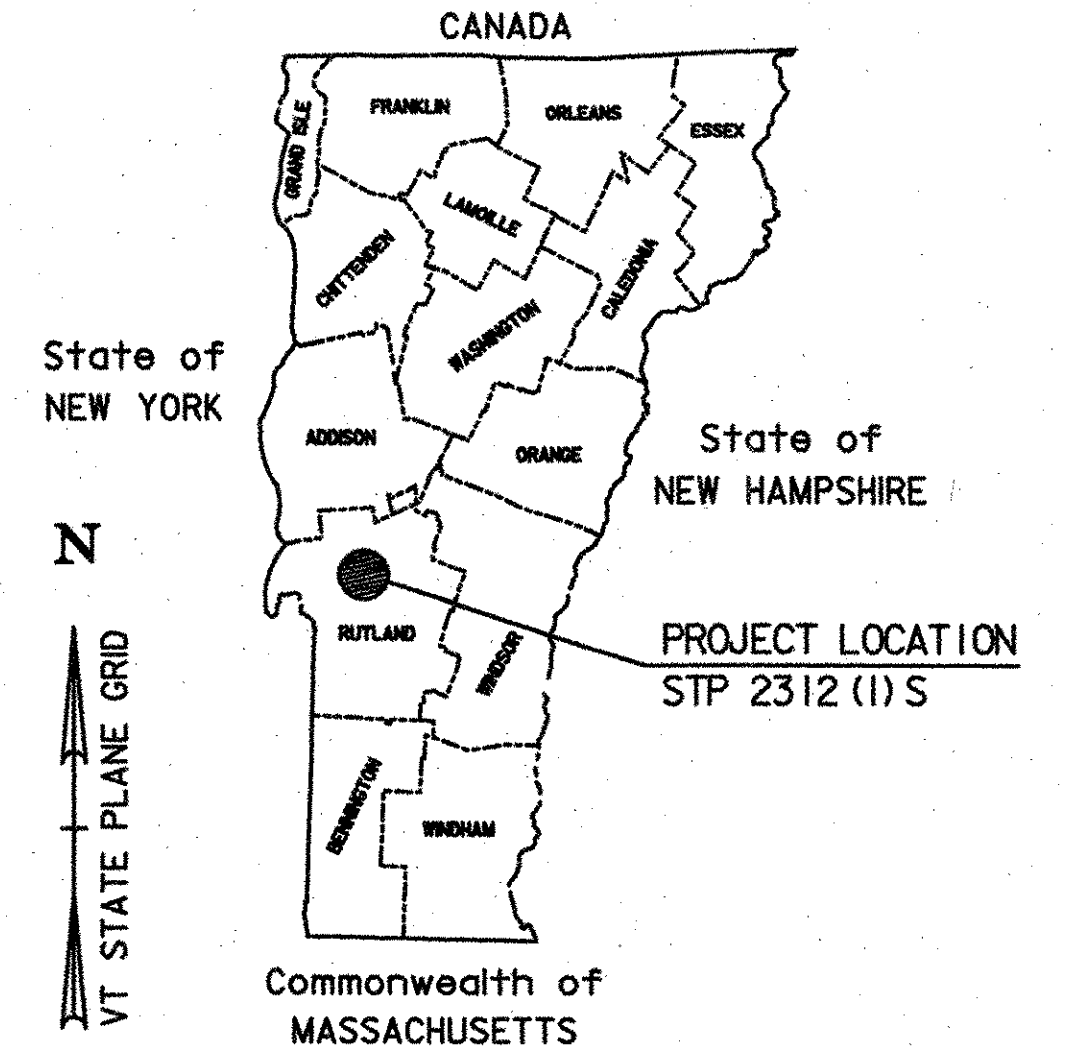
PROJECT DATA

FROM TO
STA 0+33 (MM 0.006) STA P 95+70.00 (MM 1.813)

LENGTH OF ROADWAY = 3.502 MILES (18,489 FEET)

LENGTH OF PROJECT = 3.502 MILES (18,489 FEET)

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

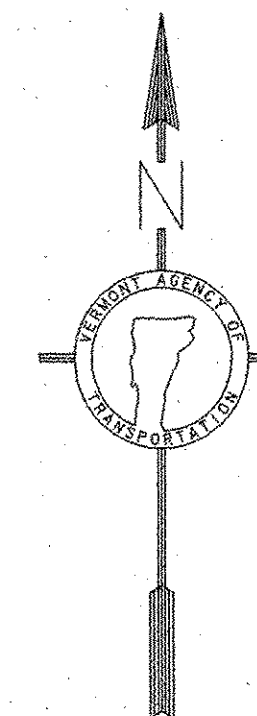
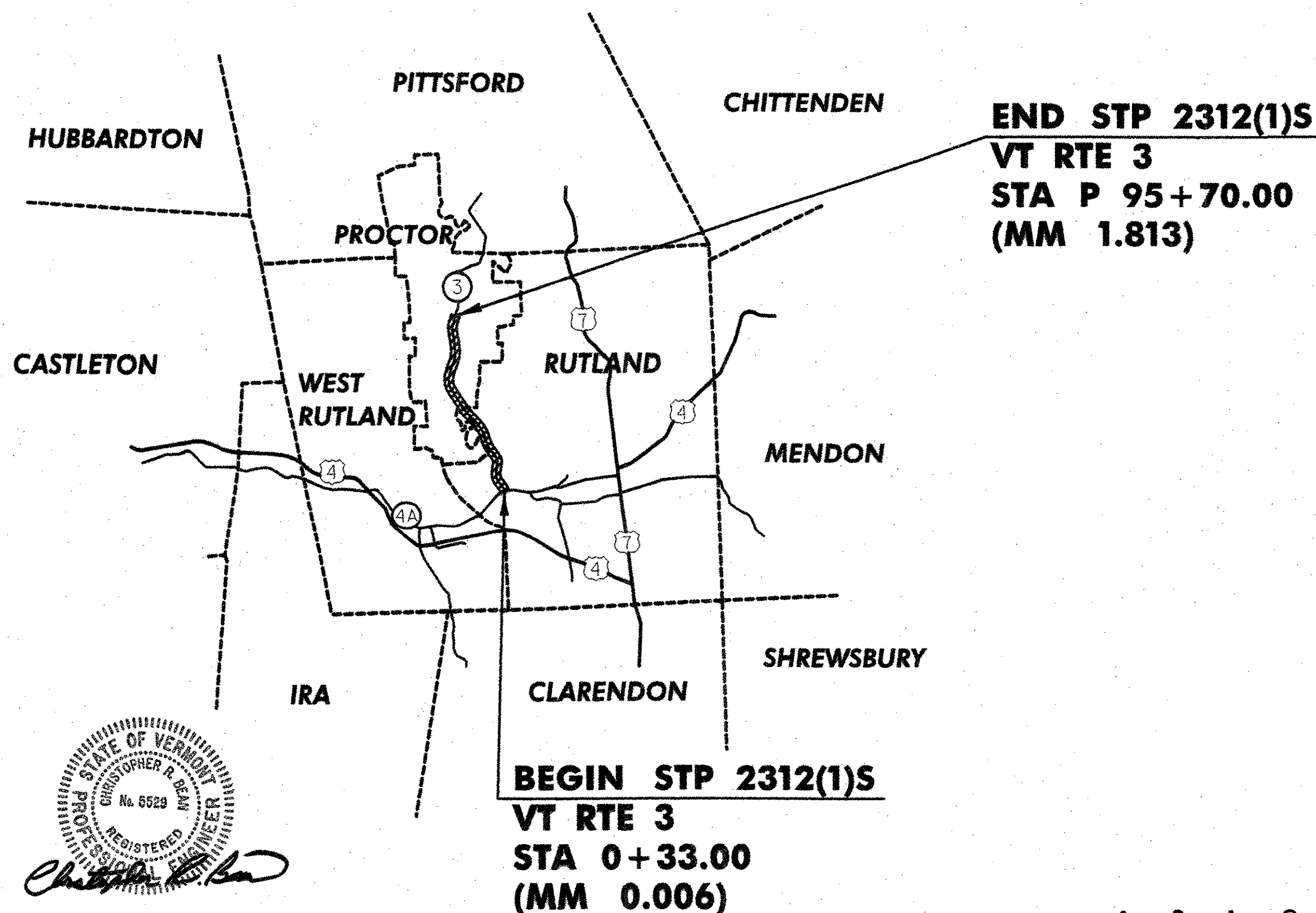


TRAFFIC DATA

VT 3 SECTION			
2007	ADT	=	3700
2007	DHV	=	440
2017	ADT	=	3900
2017	DHV	=	460
2007-2017	ESALS	=	471,000
2007-2027	ESALS	=	1,079,000
APPROACH SECTION			
2007	ADT	=	1100
2007	DHV	=	170
2017	ADT	=	1200
2017	DHV	=	180
2007-2017	ESALS	=	116,000
2007-2027	ESALS	=	276,000

RECORD PLANS	
CONTRACTOR:	FW WHITCOMB CONSTRUCTION CORP. - WALPOLE, NH
RESIDENT ENGINEER:	TIM POKETTE
CONSTRUCTION BEGAN:	MAY 29, 2007
CONSTRUCTION COMPLETE:	07-15-2008
RECORD PLANS BY:	TIM POKETTE & JUDY GILMORE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	RESIDENT ENGINEER
DATE:	07/21/08
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	

BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	539,500
DESIGN NUMBER OF GYRATIONS	50
PERFORMANCE GRADED ASPHALT BINDER	58-28



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

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

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

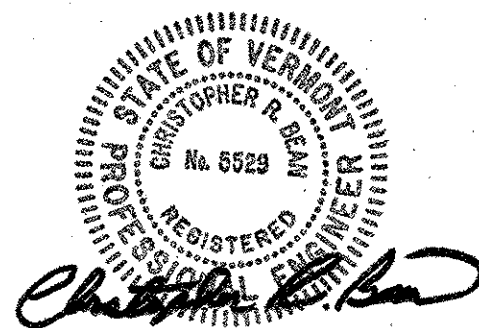
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED:	DATE: 1-19-07
PROJECT MANAGER:	MARK WOOLAVER
PROJECT NAME:	RUTLAND-PROCTOR
PROJECT NUMBER:	STP 2312 (1) S
SHEET 1 OF 33 SHEETS	

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

CLD
CONSULTING ENGINEERS

540 Commercial Street
Manchester, NH 03101
Tel: (603) 669-9223
Fax: (603) 669-8902
email: clde@cldeengineers.com
Maine • New Hampshire • Vermont



STANDARDS

E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03/01/04
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95
E-111	MINOR MAINTENANCE OPERATION	03/11/97
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08/08/95
E-138	MILE MARKER DETAILS-STATE & TOWN HIGHWAYS	05/30/03
E-141	REGULATORY SIGN DETAILS	09/20/95
E-142	REGULATORY SIGN DETAILS	09/20/95
E-143	REGULATORY SIGN DETAILS	06/15/04
E-144	REGULATORY SIGN DETAILS	03/29/99
E-145A	REGULATORY SIGN DETAILS-LANE USE CONTROL SIGNS	12/23/94
E-146	REGULATORY SIGN DETAILS	09/20/95
E-150	WARNING SIGN DETAILS	05/01/04
E-152	WARNING SIGN DETAILS	05/01/04
E-153B	WARNING SIGN DETAILS	05/30/03
E-160	FLANGED CHANNEL STEEL SIGN POST	05/20/99
E-164	SQUARE STEEL SIGN POST	05/20/99
E-172	VEHICLE DETECTOR LOOP DETAILS	08/09/95
E-190	RAILROAD CROSSING SIGNS & PAVEMENT MARKINGS	06/30/03
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DETAILS	08/18/95
G-1	STEEL BEAM GUARDRAIL (50 MPH OR OVER)	01/03/00
	HEAVY DUTY STEEL BEAM GUARDRAIL	
	TWISTED END TERMINAL	
	ANCHOR FOR STEEL RAIL	
G-1d	STEEL BEAM GUARDRAIL (40 MPH OR LESS)	01/03/00
	HEAVY DUTY STEEL BEAM GUARDRAIL	
	STEEL BEAM MEDIAN BARRIER	
	ANCHOR FOR STEEL BEAM RAIL	
G-19	GENERIC GRADING PLANS FOR GUARDRAIL END	11/15/02
	TERMINALS	

INDEX OF SHEETS

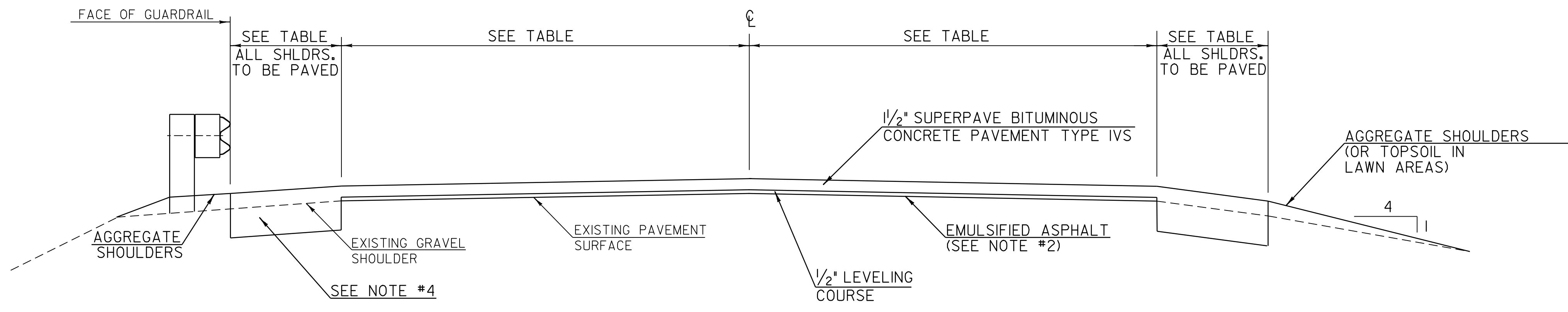
1	TITLE SHEET
2	INDEX OF SHEETS
3-4	PROJECT TYPICAL SHEETS
5	TYPICAL PAVEMENT MARKINGS SHEET
6-7	QUANTITY SHEETS
8	ITEM DETAIL SHEET
9	DITCH CLEANING SHEET
10-28	PAVING PROJECT LAYOUT SHEETS
29	LOOP DETECTOR LAYOUT SHEET
30-32	TRAFFIC SIGN SUMMARY SHEETS
33	CONSTRUCTION APPROACH SIGNING SHEET

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

INDEX OF SHEETS	SURVEYED BY <u>CLD</u> DATE <u>12/05</u>
	DRAWN BY <u>JRB</u> DATE <u>5/06</u>
	SQUAD LEADER <u>PTS</u>
	DESIGN FILE NO. <u>pave/01C020/pc020.i</u>
	IPARM FILE <u>pc020.in.i</u> DATE PLOTTED <u>0CT-2008 11</u>
	PROJ. NAME <u>RUTLAND-PROCTOR</u>
	PROJ. NO. <u>STP 2312(1)S</u>
	SHEET <u>2</u> OF <u>33</u> SHEETS

GENERAL NOTES

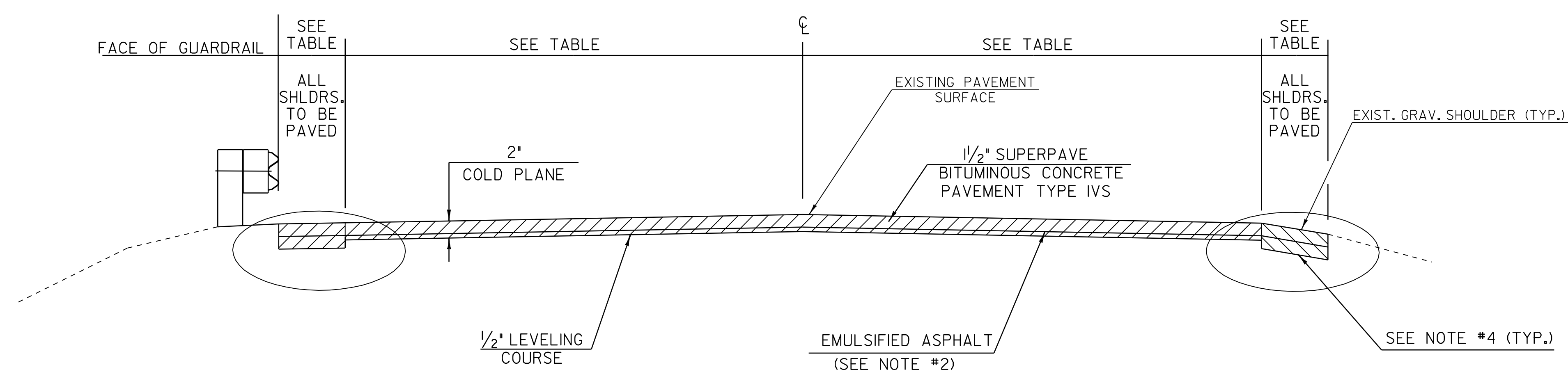
1. THE WEARING COURSE SHALL BE TYPE IVS AND THE LEVELING COURSE SHALL BE TYPE IVS ITEM 490.30 AS SHOWN ON THE TYPICALS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.026 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" ± (TOTAL THICKNESS EXCLUDING LEVELING COURSE).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3'+ OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 301.28.
5. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 490.30.
6. ALL DRIVES, TOWN HIGHWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A PAVED APRON UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAVER SHALL FEATHER APRON OVER EXISTING SURFACE.
7. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6 FOOT POSTS. IF THIS CANNOT BE OBTAINED THEN 8 FOOT POSTS SHALL BE USED. ALL GUARDRAIL USED ON THIS PROJECT SHALL BE STEEL BEAM WITH STEEL POSTS AND WOOD BLOCKOUTS (OR ACCEPTED ALTERNATE).
8. YIELDING MARKER POSTS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL YIELDING MARKER POSTS WILL BE USED TO MARK INLET AND OUTLETS OF CROSS PIPES ONLY.
9. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF AGGREGATE SHOULDERS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5.5 TONS OF AGGREGATE SHOULDERS, RAP FOR EACH GUARDRAIL TERMINAL. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR ADDITIONAL MATERIAL, IF NEEDED, FOR FLARE CONSTRUCTION.
10. GRASS GROWING ADJACENT TO THE PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE REPLACEMENT OF NEW BITUMINOUS CONCRETE, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28).
11. ITEM 604.412 IS AN ESTIMATED QUANTITY AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
12. PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH THE PROJECT, SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE DITCH CLEANING DETAIL SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
13. ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVES, SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28).



OVERLAY TYPICAL SECTION

NOT TO SCALE

RUTLAND - STA 1+50 TO 22+30
 STA 22+80 TO 89+52
 PROCTOR - STA 0+00 TO 95+70



COLD PLANE TYPICAL SECTION

NOT TO SCALE

RUTLAND - 0+33 TO 1+50

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.

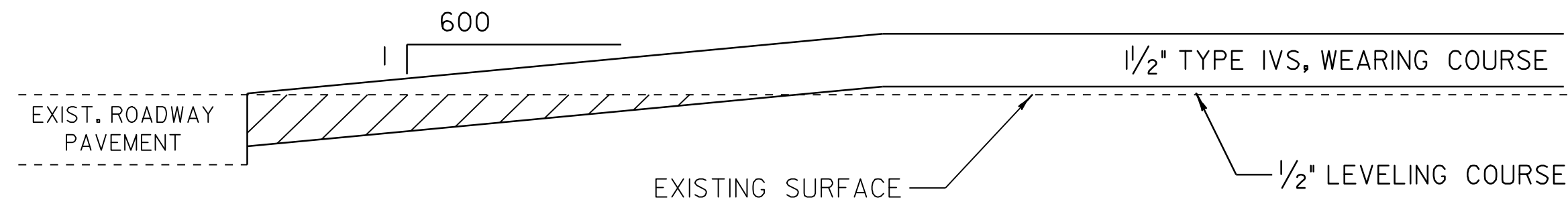
PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH (INCHES)	LEVELING TONS	NOTES
VT ROUTE 3	0+33	1+50	VARIES SEE LAYOUT	1 1/2"	23.3	COLD PLANE 2", LEVEL AND OVERLAY
RUTLAND	1+50	3+50	VARIES SEE LAYOUT	1 1/2"	27.7	LEVEL AND OVERLAY
	3+50	4+71	6.0-12.0-12.0-8.0	1 1/2"	14.2	LEVEL AND OVERLAY
	4+71	22+30	8.0-12.0-12.0-8.0	1 1/2"	211.7	LEVEL AND OVERLAY
	22+80	89+52	8.0-12.0-12.0-8.0	1 1/2"	803.1	LEVEL AND OVERLAY
PROCTOR	0+00	95+70	8.0-12.0-12.0-8.0	1 1/2"	1181.5	LEVEL AND OVERLAY

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

PROJECT TYPICAL SHEET 1

SURVEYED BY	CLD	DATE	12/05
DRAWN BY	NLL	DATE	5/06
SQUAD LEADER	PTS		
DESIGN FILE NO.	pave/01C020/pc020.i		
IPARM FILE	pc020ty01.i	DATE PLOTTED	0CT-2008 11
PROJ. NAME	RUTLAND-PROCTOR		
PROJ. NO.	STP 2312(1)S		
SHEET	3	OF	33 SHEETS

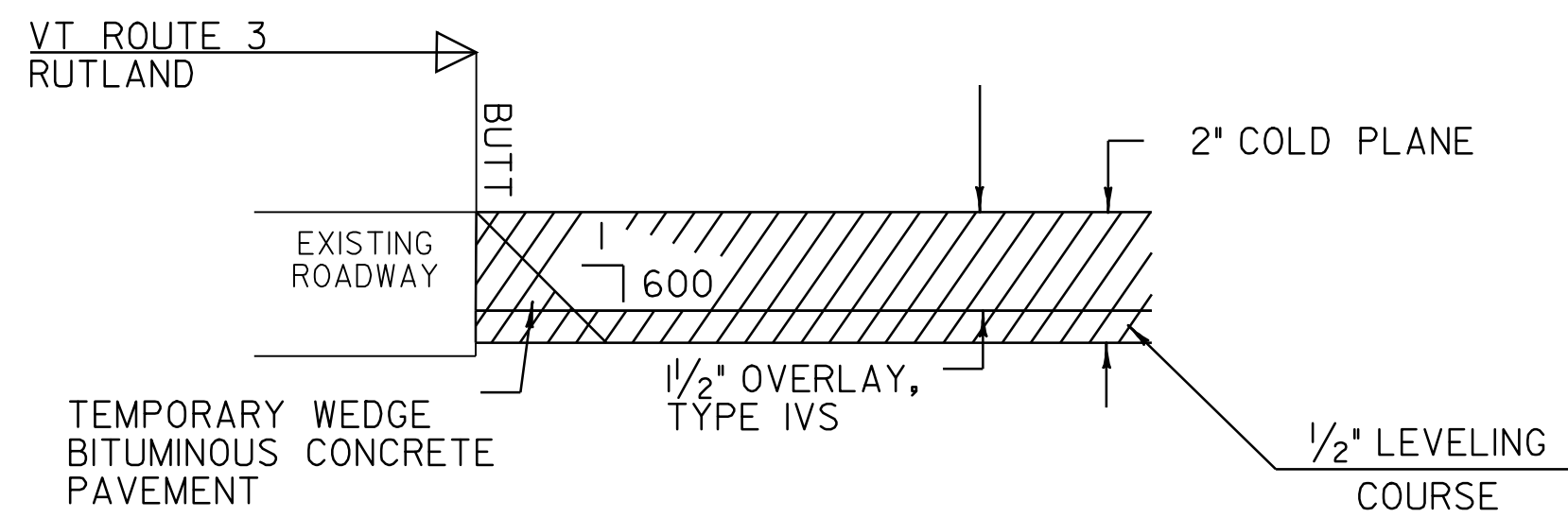


APPROACH AREA DETAIL - TAPER

NOT TO SCALE

RUTLAND - STA 1+50 TO 2+50 END COLD PLANING
 RUTLAND - STA 21+30 TO 22+30 RAILROAD TRACKS
 RUTLAND - STA 22+80 TO 23+80 RAILROAD TRACKS
 PROCTOR - STA 94+70 TO 95+70 PROJECT END

TOWN HIGHWAY:
 RUTLAND: TH #59 RT
 PROCTOR: TH #55 RT
 TH #55 RT
 TH #56 RT
 TH #56 RT

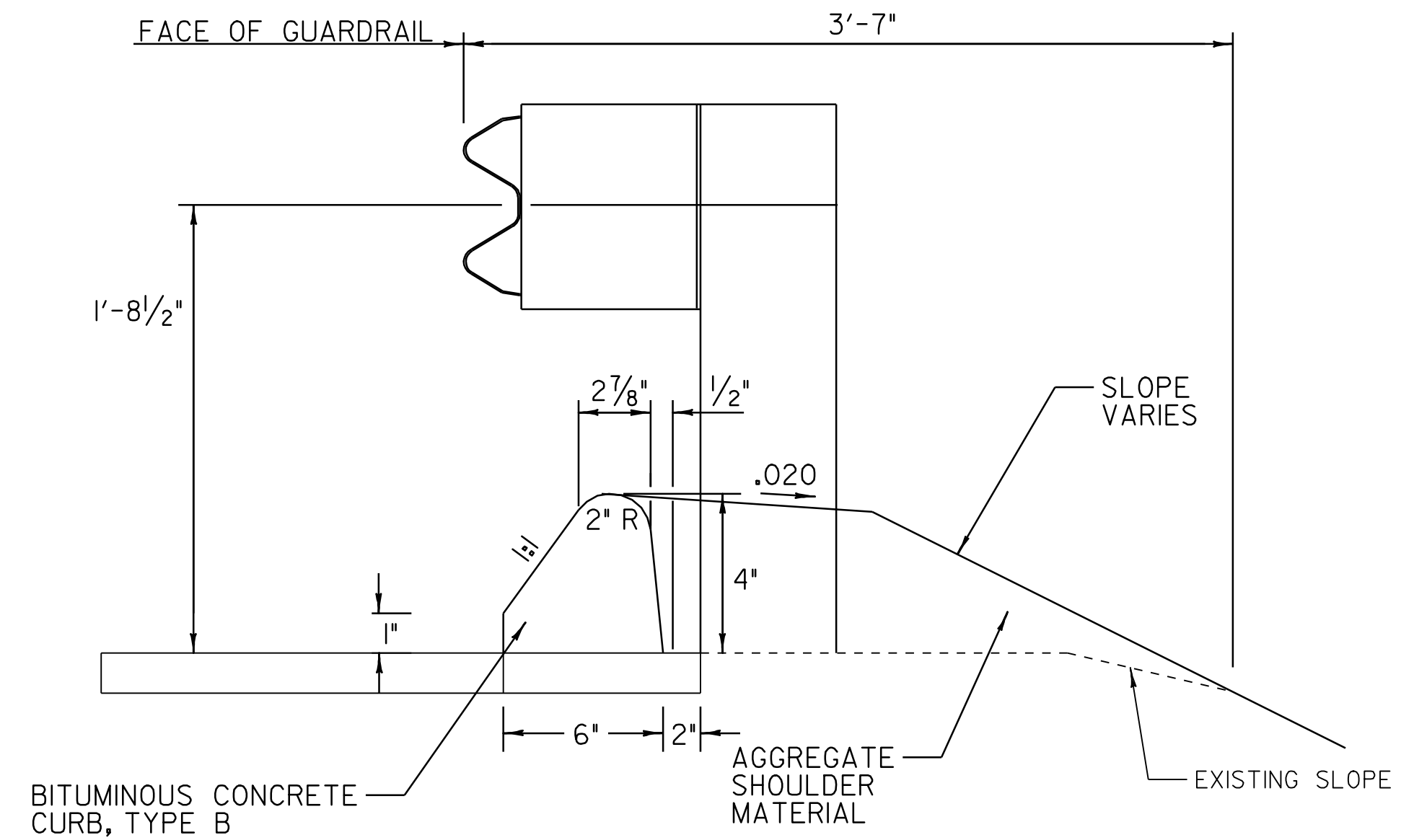


APPROACH AREA DETAIL - BUTT

NOT TO SCALE

LOCATION

VT RTE 3
 STA 0+33, RUTLAND - BEGIN COLD PLANING



DETAIL FOR BITUMINOUS CONCRETE CURB, TYPE B

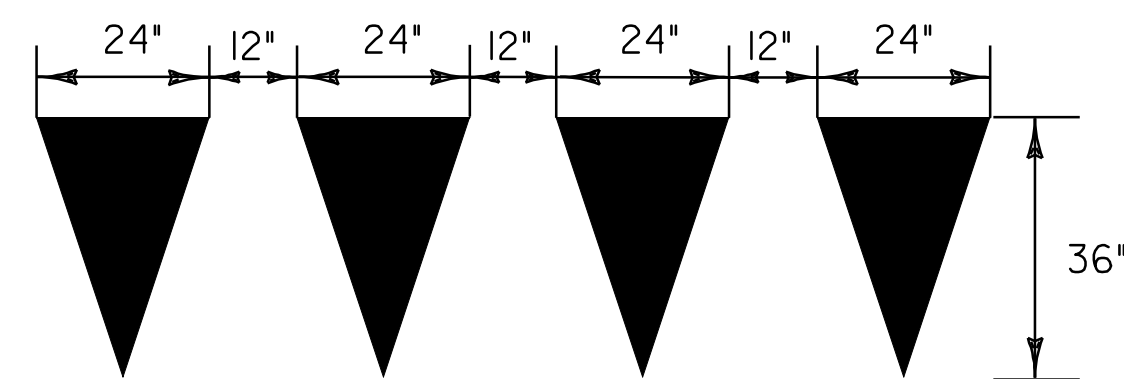
NOT TO SCALE

NOTE:

1. ONLY TO BE USED WITH REMOVING AND RESETTING GUARDRAIL (STEEL BEAM) OR WITH NEW STEEL BEAM GUARDRAIL
2. THE PREPARATION OF BED, PLACING AND SEALING OF BITUMINOUS CONCRETE CURB SHALL BE IN CONFORMANCE WITH SECTION 616 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. APPROXIMATE WEIGHT OF CURB = 33.2 LBS/LF. (FOR ESTIMATING TONNAGE)

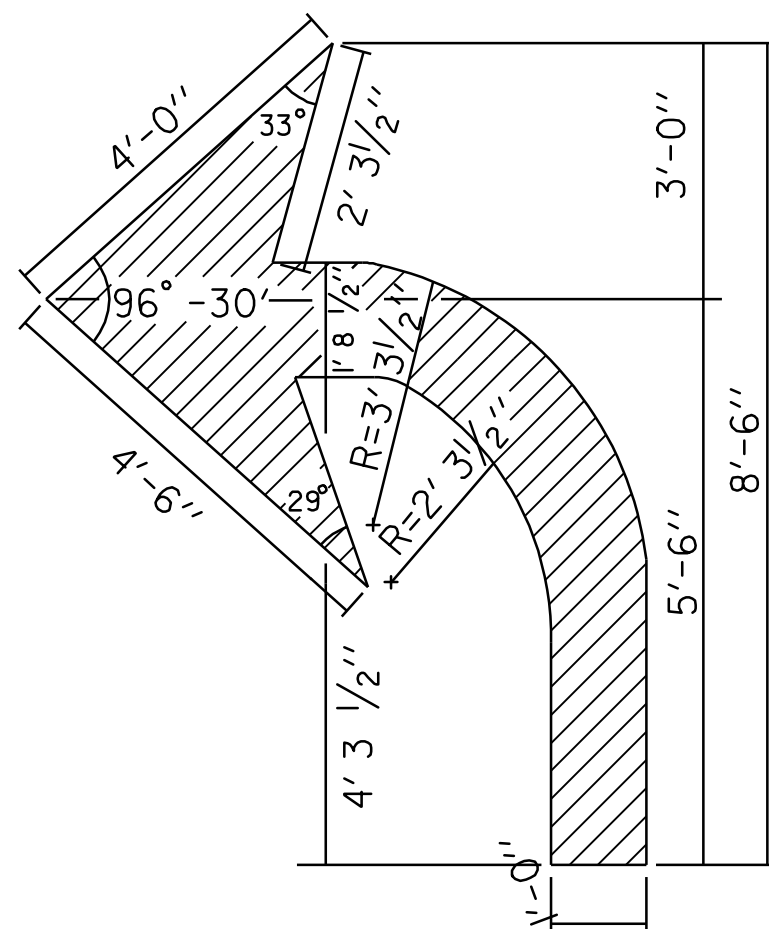
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PROJECT TYPICAL SHEET 2	SURVEYED BY	CLD	DATE	12/05
	DRAWN BY	MWS	DATE	11/06
	SQUAD LEADER	PTS		
	DESIGN FILE NO.	pave/01C020/pc020.i		
	IPARM FILE	pc020ty02.i	DATE PLOTTED	0CT-2008 11
	PROJ. NAME	RUTLAND-PROCTOR		
	PROJ. NO.	STP 2312(1)S		
	SHEET	4	OF	33 SHEETS



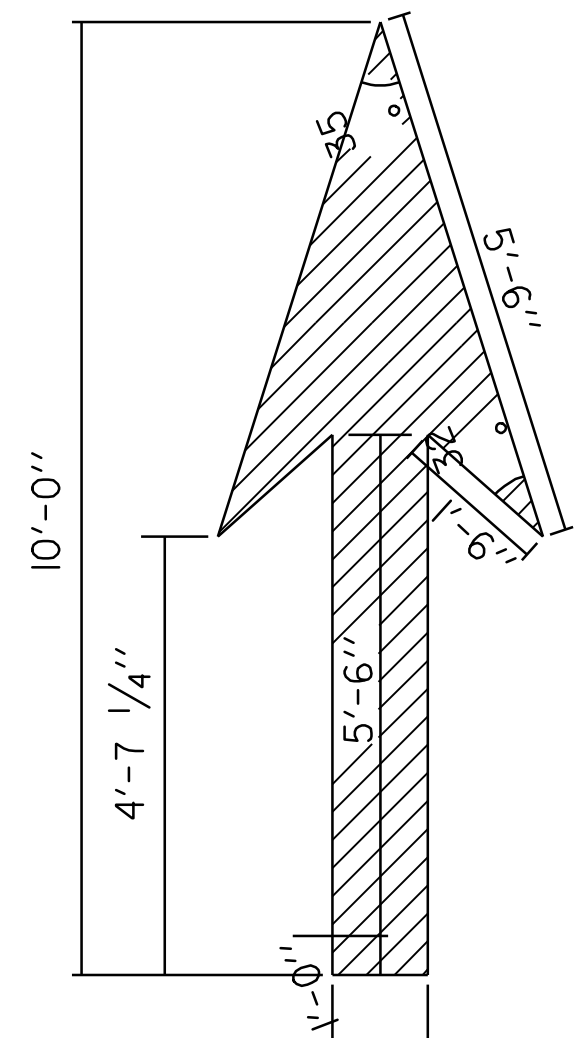
YIELD LINE DETAILS

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

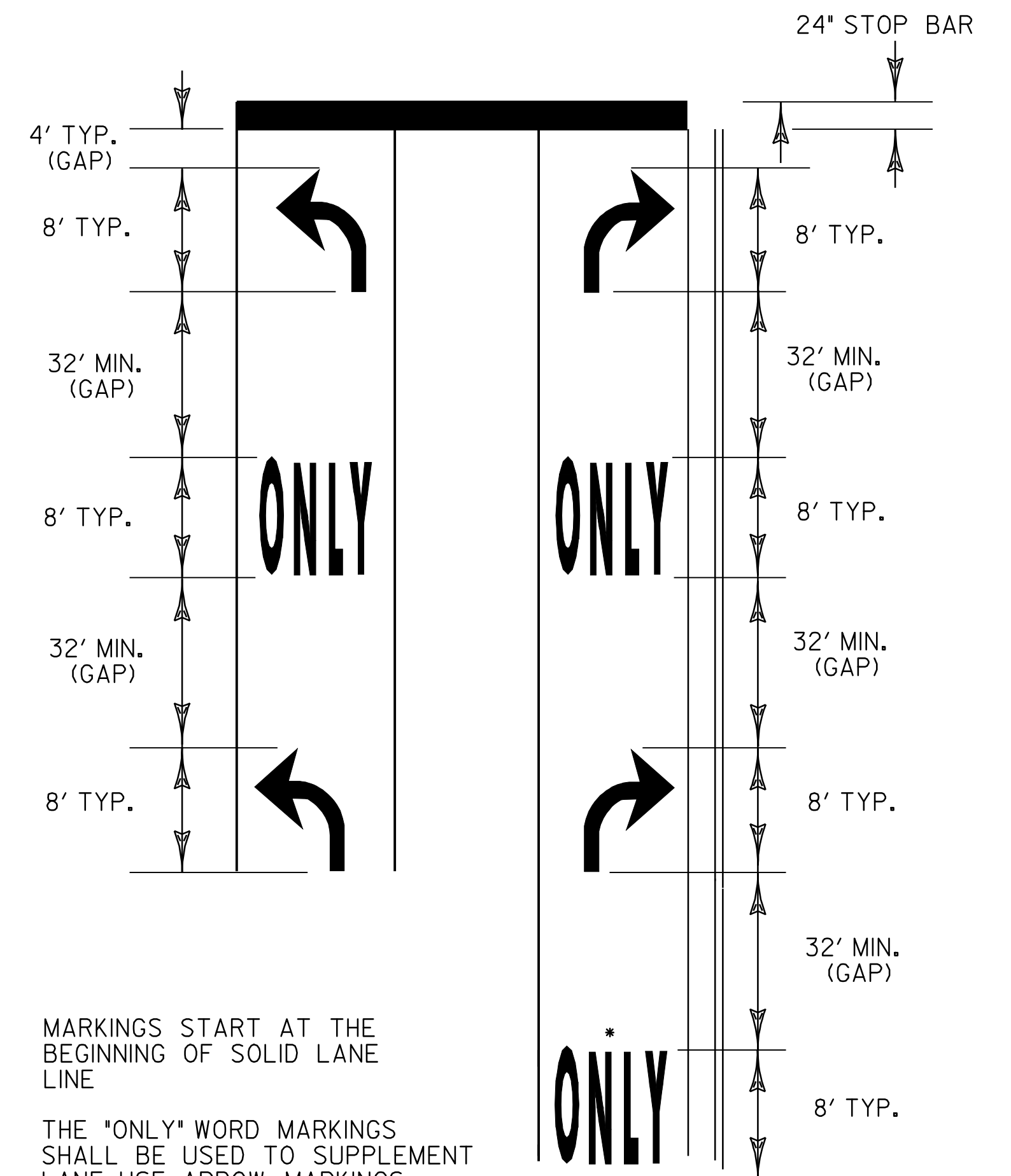


ARROW A

ARROW DETAILS



ARROW B



MARKINGS START AT THE BEGINNING OF SOLID LANE LINE

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

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

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

* 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

TYPICAL PAVEMENT MARKINGS SHEET

SURVEYED BY	CLD	DATE	12/05
DRAWN BY	MRS	DATE	11/06
SQUAD LEADER	PTS		
DESIGN FILE NO.	pave/01C020/pc020.i		
IPARM FILE	pc020tp.i	DATE PLOTTED	10/20/08
PROJ. NAME	RUTLAND-PROCTOR		
PROJ. NO.	STP 2312(1)S		
SHEET	5	OF	33 SHEETS

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

QUANTITY SHEET 1

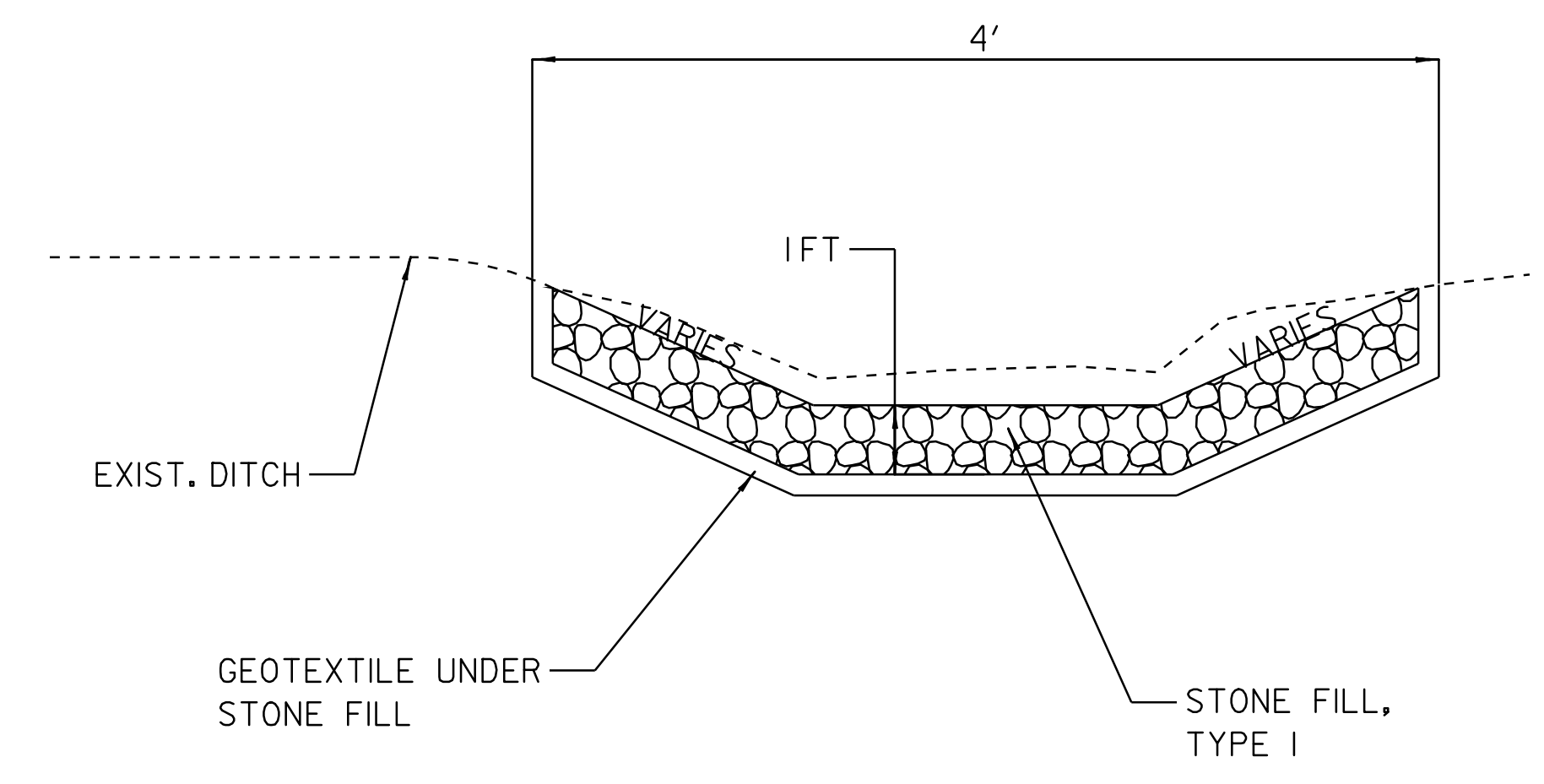
SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
									ROADWAY	FULL C/E ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
									740		740		CY	EARTH BORROW	203.30	12			AGGREGATE SHOULDERS
									1		1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	461	TON	VT RTE 3 - RUTLAND
									2700		2700		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	26	532	TON	VT RTE 3 - PROCTOR
									2		2		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	0.9	154	TON	GUARDRAIL TERMINALS
									1000		1000		TON	AGGREGATE SHOULDERS	402.12	78	1147	TON	SUBTOTAL
									225		225		TON	AGGREGATE SHOULDERS, RAP	402.13	-	-225	TON	AGGREGATE SHOULDERS, RAP
									360		360		CWT	EMULSIFIED ASPHALT	404.65	9	922	TON	SUBTOTAL
									1		1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	78	TON	ROUNDING
									11100		11100		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	490.30	180	1000	TON	TOTAL
									1		1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-			SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28)
									1		1		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-	8141	TON	VT RTE 3, TYPE IVS, WEARING COURSE
									1		1		LU	SURFACE TOLERANCE PAYADJUSTMENT (N.A.B.I.)	490.33	-	2714	TON	VT RTE 3, TYPE IVS, LEVELING COURSE
									1		1		LU	LONGITUDINAL JOINT COMPACTION PAYADJUSTMENT (N.A.B.I.)	490.34	-	46	TON	TOWN HIGHWAYS
									4		4		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-	19	TON	DRIVES
									115		115		HR	POWER GRADER RENTAL	608.15	3	10920	TON	SUBTOTAL
									25		25		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.	180	TON	ROUNDING
									25		25		HR	TRUCK RENTAL	608.37	EST.	11100	TON	TOTAL
									5		5		CY	STONE FILL, TYPE I	613.10	0.5			
									17		17		TON	BITUMINOUS CONCRETE CURB, TYPE B	616.31	1			
									0.5		0.5		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	-			
									40		40		EACH	YIELDING MARKER POSTS	619.17	4			
									7400		7400		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	75			
									3860		3860		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	47.5			
									23		23		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-			
									2		2		EACH	MANUFACTURED TERMINAL SECTION, TANGENT	621.51	-			
									3		3		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
									10620		10620		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	104			
									1		1		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	-			
									800		800		HR	UNIFORMED TRAFFIC OFFICERS	630.10	10			
									1600		1600		HR	FLAGGERS	630.15	9.96			
											1		LS	FIELD OFFICE, ENGINEERS	631.10	-			
											1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
											1		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
									1		1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
									1		1		LS	TRAFFIC CONTROL	641.10	-			
									37560		37560		LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	380			
									37460		37460		LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	375			
									95		95		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	5			
									38		38		EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-			
									2		2		EACH	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	646.512	-			

PROJECT NAME:	RUTLAND-PROCTOR
PROJECT NUMBER:	STP 2312(1)S
FILE NAME: pave/01c020/pc020.i	PLOT DATE: 02/01/2007
PROJECT MANAGER: M. WOOLLAVER	DRAWN BY: JLR
DESIGNED BY: JLR	CHECKED BY: JLR
QUANTITY SHEET #1	SHEET 6 OF 33

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES				
										ROADWAY	FULL C/E ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
										75110		75110		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	750			
										74910		74910		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	740			
										185		185		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	5			
										68		68		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-			
										2		2		EACH	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	-			
										1390		1390		EACH	LINE STRIPING TARGETS	646.76	18			
										290		290		LF	PAINTED CURB	646.81	3			
										470		470		SF	PAINTED ISLAND	646.82	7			
										15		15		SY	GEOTEXTILE UNDER STONE FILL	649.31	1.5			
										35		35		LB	SEED	651.15	EST.			
										255		255		LB	FERTILIZER	651.18	EST.			
										1		1		TON	AGRICULTURAL LIMESTONE	651.20	EST.			
										1		1		TON	HAY MULCH	651.25	EST.			
										25		25		CY	TOPSOIL	651.35	EST.			
										1000		1000		SY	PERMANENT EROSION MATTING	653.21	EST.			
										130		130		SF	TRAFFIC SIGNS, TYPE A	675.20	1.71			
															BEGIN OPTION AA					
										335		335		LF	FLANGED CHANNEL SIGN POST	675.301	5			
										335		335		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	5			
															END OPTION AA					
										33		33		EACH	REMOVING SIGNS	675.50	-			
										8		8		EACH	ERECTING SALVAGED SIGNS	675.60	-			
										660		660		LF	VEHICLE LOOP DETECTOR	678.22	11			
										1		1		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-			
										3		3		EACH	SPECIAL PROVISION (REMOVING SIGN POSTS)	900.620				

LOCATION				FEET OF DITCHING			MISC. ITEMS			REMARKS	LOCATION				FEET OF DITCHING			MISC. ITEMS			REMARKS						
SITE	STATION	STATION	POS.	PERCENT GRADE			653.21	613.10	649.31		PERM. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL	SITE	STATION	STATION	POS.	PERCENT GRADE				653.21	613.10	649.31	PERM. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL
				0-1	1-2.5	2.5-10												0-1	1-2.5	2.5-10							
VT 3, RUTLAND				ft	ft	ft	sy	cy	sy					ft	ft	ft	sy	cy	sy								
1	69+75		LT			10		1.5	4.5																		
2	71+35		LT			10		1.5	4.5																		
3	73+50		LT			10		1.5	4.5																		
							1000				ESTIMATED AMOUNT. USE @ PIPE INLET/ OUTLET LOCATIONS. AS DIRECTED BY THE RESIDENT ENGINEER.																
PROJECT SUBTOTALS						30	1000	4.5	13.5																		
ROUNDINGS						5	-	0.5	1.5																		
PROJECT TOTALS						35	1000	5.0	15.0																		



DITCH DETAIL

NOT TO SCALE

NOTES:

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

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

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

DITCH CLEANING SHEET

SURVEYED BY CLD DATE 12/05
 DRAWN BY NLL DATE 11/06
 SQUAD LEADER PTS
 DESIGN FILE NO. /pave/01C020/pc020.dgn
 IPARM FILE pc020dc.i DATE 7 OCT-2008 11
 PROJ. NAME RUTLAND-PROCTOR
 PROJ. NO. STP 2312(1)S
 SHEET 9 OF 33 SHEETS

**VT ROUTE 3
STA 0+33.00
(MM 0.006)**

**BEGIN PROJECT
STP 2312(1)S**

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

STA 0+29 TO 0+96 SOLID RT
STA 0+59 TO 5+50 SOLID LT & RT
STA 1+50 TO 2+12 SOLID LT & RT

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

STA 0+31 TO 0+96 SOLID RT
STA 0+39 TO 5+50 SOLID LT
STA 0+42 TO 5+50 SOLID RT
STA 0+59 TO 1+51 SOLID LT (LANE LINE)
STA 1+51 TO 3+50 DOTTED LT

TEMPORARY LETTER OR SYMBOL, PAINT

STA 0+72 LT - LEFT TURN ARROW
STA 0+72 LT - THRU ARROW
STA 0+72 LT - RIGHT TURN ARROW
STA 0+77 TO 0+84 RT - YIELD MARKINGS (5)
STA 1+46 LT - LEFT TURN ARROW
STA 1+46 LT - THRU ARROW
STA 1+46 LT - RIGHT TURN ARROW

DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA 0+72 LT - LEFT TURN ARROW
STA 0+72 LT - THRU ARROW
STA 0+72 LT - RIGHT TURN ARROW
STA 0+77 TO 0+84 RT - YIELD MARKINGS (5)
STA 1+09 LT - "ONLY"
STA 1+46 LT - LEFT TURN ARROW
STA 1+46 LT - THRU ARROW
STA 1+46 LT - RIGHT TURN ARROW

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
STA 0+59 LT

PAINTED CURB

STA 0+22 TO 0+30 RT (ISLAND)
STA 0+22 TO 0+77 RT (ISLAND)
STA 0+30 TO 0+77 RT (ISLAND)
STA 0+52 TO 0+82 LT & RT (ISLAND)
STA 1+20 TO 1+50 LT & RT (ISLAND)

PAINTED ISLAND

STA 0+52 TO 1+50 CL

REHAB. DROP INLET,
CATCH BASINS, OR MANHOLES, CLASS I
STA 1+48 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA 1+68 TO 4+55 LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA 1+49.5 TO 4+24.5 LT

ANCHOR FOR STEEL BEAM RAIL
STA 1+49.5

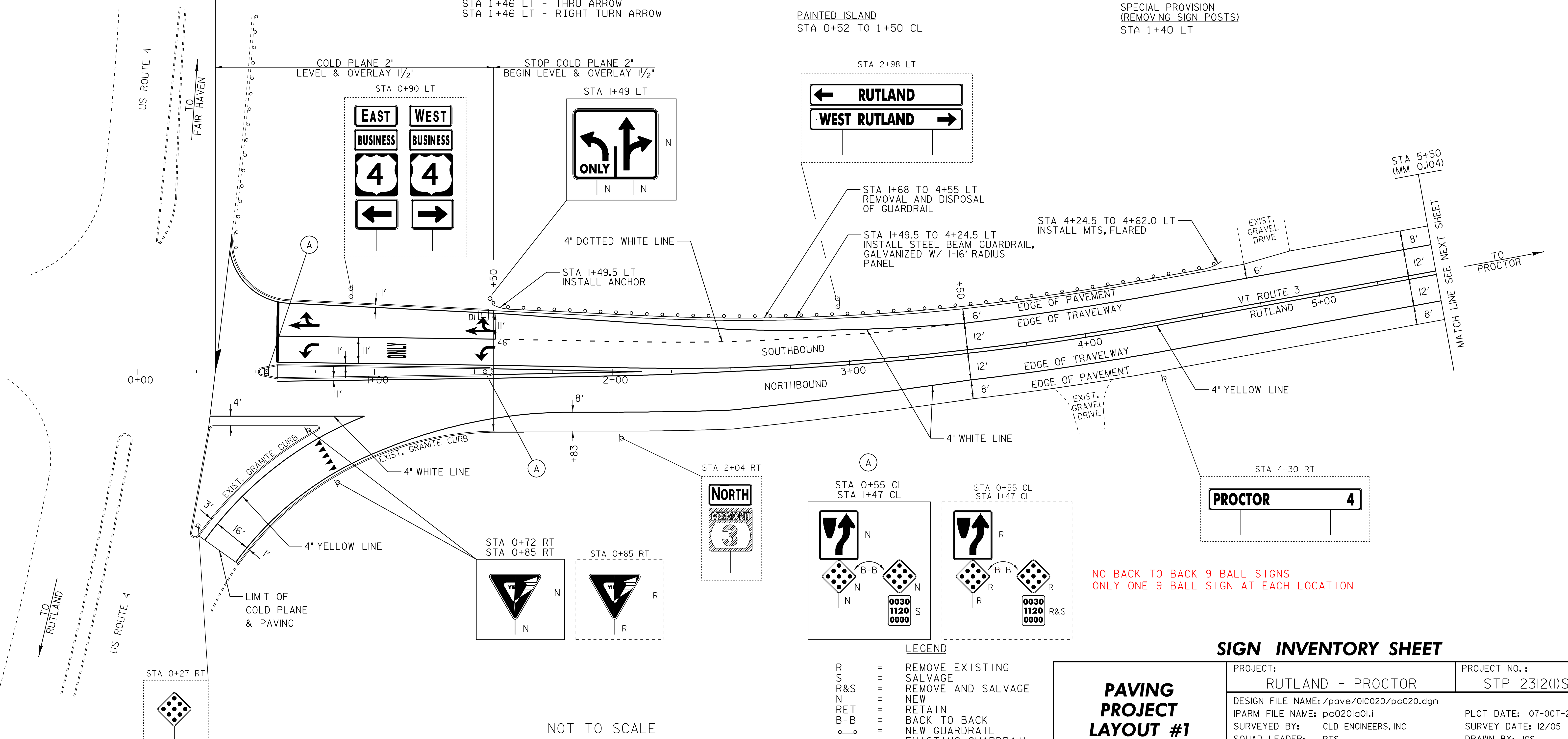
MANUFACTURED TERMINAL SECTION, FLARED
STA 4+24.5 TO 4+62.0 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS
STA 4+62 LT

SPECIAL PROVISION
(REMOVING SIGN POSTS)
STA 1+40 LT

REMOVING SIGNS
AS SHOWN - 8 6

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NO BACK TO BACK 9 BALL SIGNS
ONLY ONE 9 BALL SIGN AT EACH LOCATION

SIGN INVENTORY SHEET

LEGEND

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

PAVING PROJECT LAYOUT #1	PROJECT: RUTLAND - PROCTOR	PROJECT NO. : STP 2312(1)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
	IPARM FILE NAME: pc020la01.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 10 OF 33
	CLD REF. NO. 05-0390	

NOT TO SCALE

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 5+50 TO 16+00 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 5+50 TO 16+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA 7+47 LT - "AHEAD"
 STA 7+87 LT - "SIGNAL"

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC
 STA 15+84 RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA 10+37 RT - REHAB

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 STA 9+95 RT - DROP INLET
 STA 14+25 RT - DROP INLET
 STA 5+75 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 7+03 TO 11+04 LT
 STA 9+77 TO 16+00 RT
 STA 11+35 TO 16+00 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 STA 7+40.5 TO 10+65.5 LT
 STA 8+42.5 TO ~~16+00.0~~ RT 10+29.5 RT
~~STA 11+66.5 TO 16+00.0 LT~~

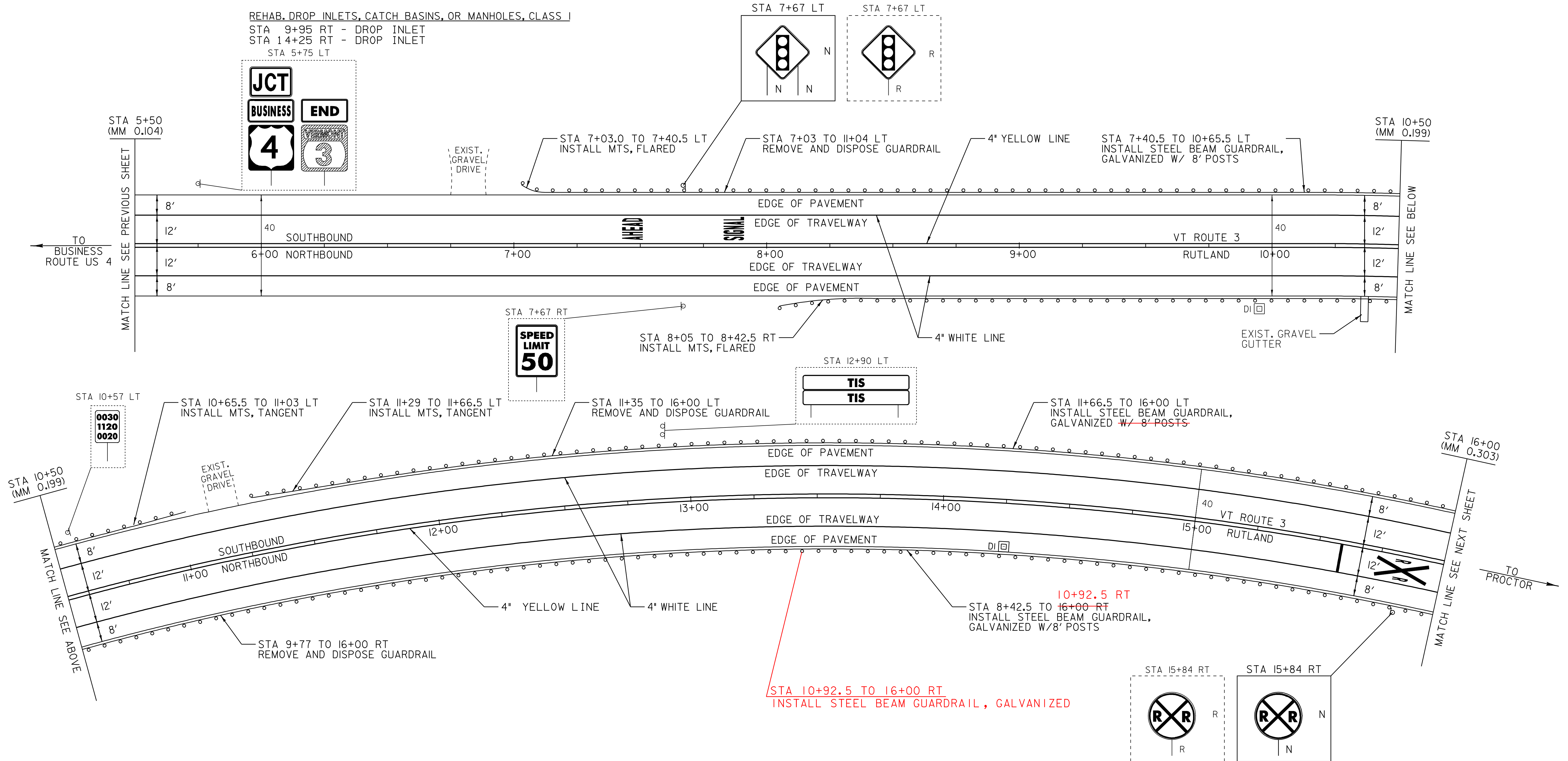
MANUFACTURED TERMINAL SECTION, FLARED
 STA 7+03.0 TO 7+40.5 LT
 STA 8+05.0 TO 8+42.5 RT

REMOVING SIGNS
 AS SHOWN - 2

MANUFACTURED TERMINAL SECTION, TANGENT
 STA 10+65.5 TO 11+03.0 LT
 STA 11+29.0 TO 11+66.5 LT

BITUMINOUS CONCRETE CURB, TYPE B
 STA 10+07 TO 16+00 RT

STEEL BEAM GUARDRAIL, GAL.
 STA 10+92.5 TO 16+00 RT
 STA 11+66.5 TO 16+00 LT



NOT TO SCALE

LEGEND

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

PAVING PROJECT LAYOUT #2

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
IPARM FILE NAME: pc020la02.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 11 OF 33
CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 16+00 TO 26+00 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 16+00 TO 26+00 SOLID LT & RT

REHAB. DROP INLETS,
 CATCH BASINS, OR MANHOLES, CLASS I
 STA 19+75 RT - DROP INLET

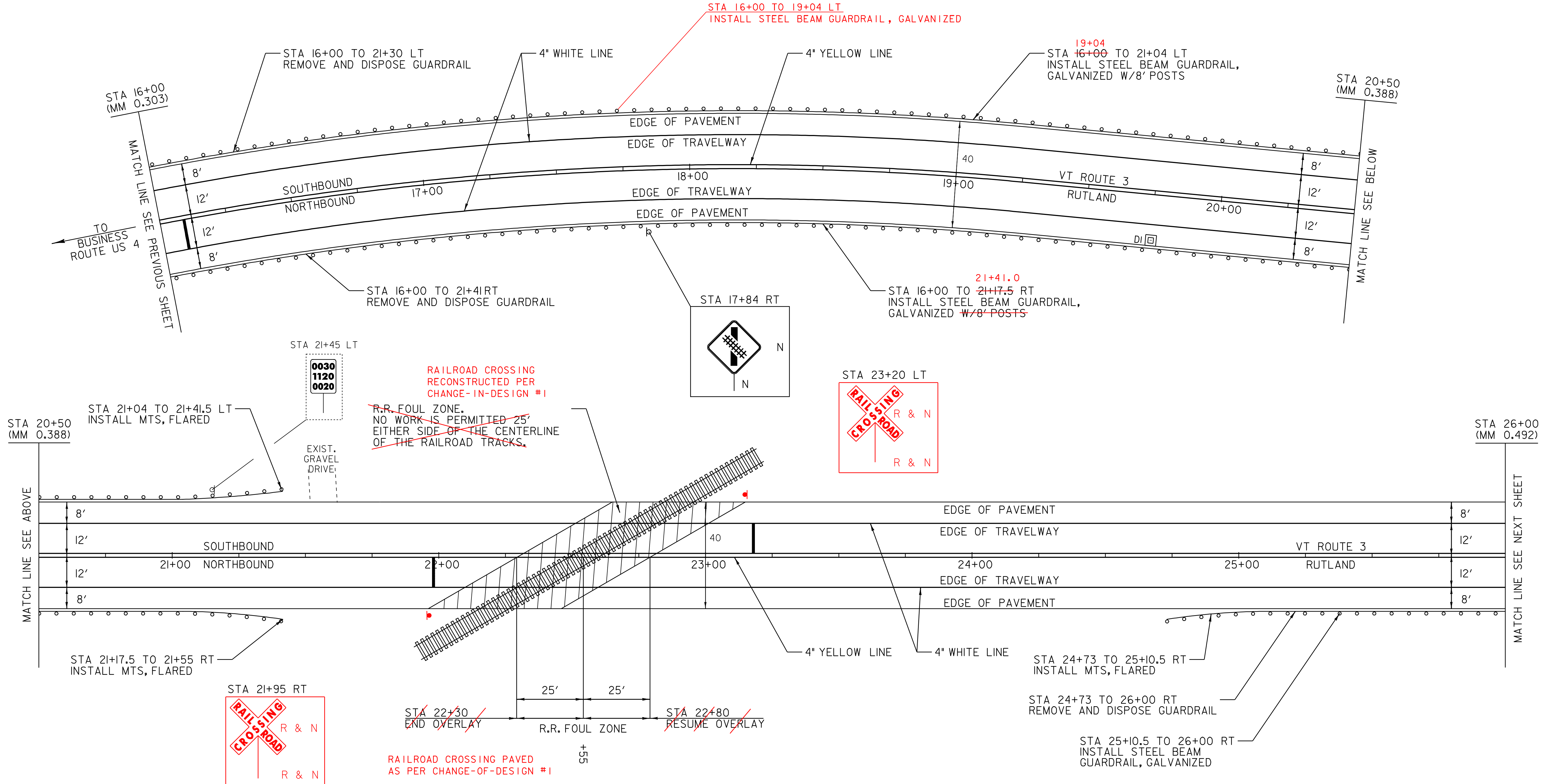
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 16+00 TO 21+30 LT
 STA 16+00 TO 21+41 RT
 STA 24+73 TO 26+00 RT

19+04 STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 STA 16+00.0 TO 21+04.0 LT
 STA 16+00.0 TO 21+17.5 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA 25+10.5 TO 26+00.0 RT
 STA 16+00.0 TO 21+41.0 RT

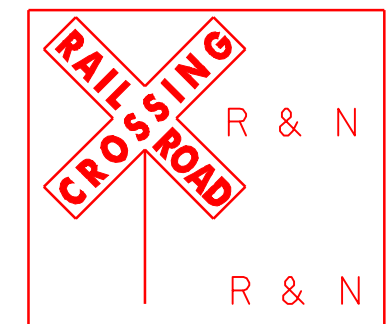
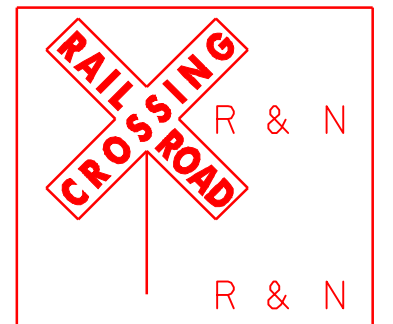
MANUFACTURED TERMINAL SECTION, FLARED
 STA 21+04.0 TO 21+41.5 LT
 STA 21+17.5 TO 21+55.0 RT
 STA 24+73.0 TO 25+10.5 RT

BITUMINOUS CONCRETE CURB, TYPE B
 STA 16+00 TO 19+75 RT



RAILROAD CROSSING
 RECONSTRUCTED PER
 CHANGE-IN-DESIGN #1
 R.R. FOUL ZONE.
 NO WORK IS PERMITTED 25'
 EITHER SIDE OF THE CENTERLINE
 OF THE RAILROAD TRACKS.

RAILROAD CROSSING PAVED
 AS PER CHANGE-OF-DESIGN #1



LEGEND

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

NOT TO SCALE

SIGN INVENTORY SHEET

PAVING PROJECT LAYOUT #3	PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
	IPARM FILE NAME: pc020la03.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 12 OF 33
	CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 26+00 TO 28+65 SOLID LT & RT
 STA 28+81 DOUBLE SOLID RT (TH 59)
 STA 29+05 TO 36+50 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 26+00 TO 28+71 SOLID RT
 STA 26+00 TO 36+50 SOLID LT
 STA 28+92 TO 36+50 SOLID RT

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA 28+81 RT - "STOP" (TH 59)

TEMPORARY 24" STOP BAR, PAINT
 DURABLE 24" STOP BAR, THERMOPLASTIC
 STA 28+81 RT (TH 59)

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC
 STA 29+91 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 26+00 TO 28+68 RT
 STA 28+94 TO 34+83 RT

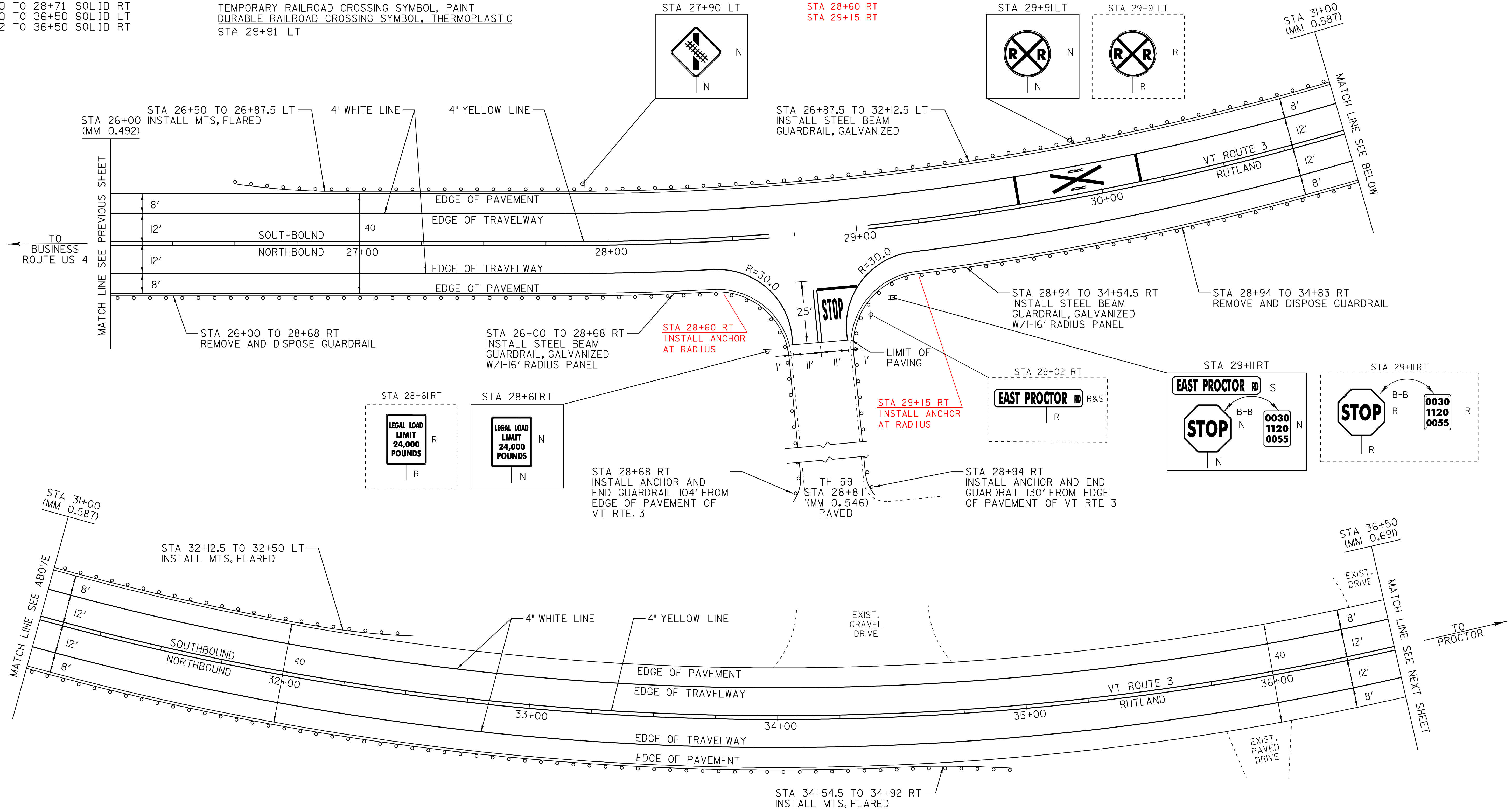
STEEL BEAM GUARDRAIL, GALVANIZED
 STA 26+00.0 TO 28+68.0 RT
 STA 28+94.0 TO 34+54.5 RT

MANUFACTURED TERMINAL SECTION, FLARED
 STA 26+50.0 TO 26+87.5 LT
 STA 32+12.5 TO 32+50.0 LT
 STA 34+54.5 TO 34+92.0 RT

ANCHOR FOR STEEL BEAM RAIL
 STA 28+68 RT (ON TH 59)
 STA 28+94 RT (ON TH 59)
 STA 28+60 RT
 STA 29+15 RT

REMOVING SIGNS
 AS SHOWN - 5

ERECTING SALVAGED SIGNS
 AS SHOWN - 1



NOT TO SCALE

LEGEND

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

PAVING PROJECT LAYOUT #4

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
IPARM FILE NAME: pc020la04.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	SQUAD LEADER: PTS
CLD REF. NO. 05-0390	DRAWN BY: JCS
	SHEET: 13 OF 33

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 36+50 TO 46+00 SOLID LT & RT

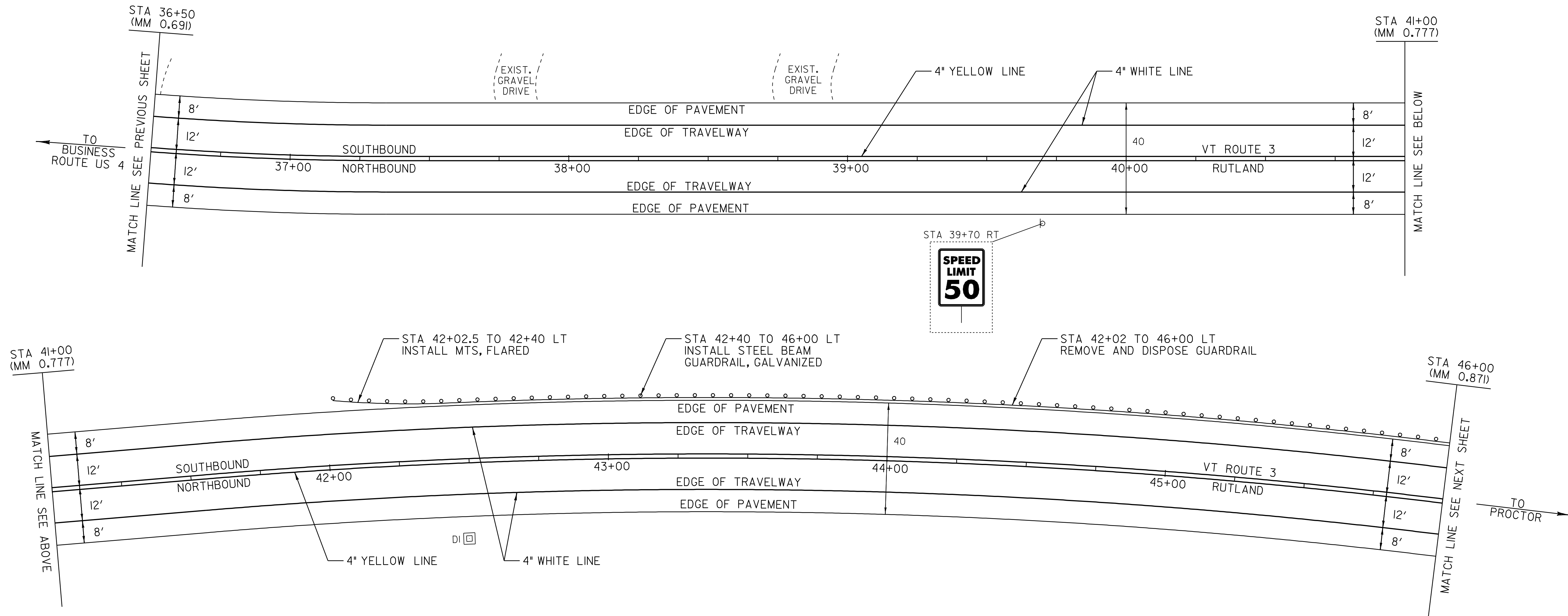
TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 36+50 TO 46+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 42+02 TO 46+00 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA 42+40.0 TO 46+00.0 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA 42+02.5 TO 42+40.0 LT

SPECIAL PROVISION
 (REMOVING SIGN POSTS)
 STA 40+65 LT



NOT TO SCALE

LEGEND

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

**PAVING
 PROJECT
 LAYOUT #5**

SIGN INVENTORY SHEET

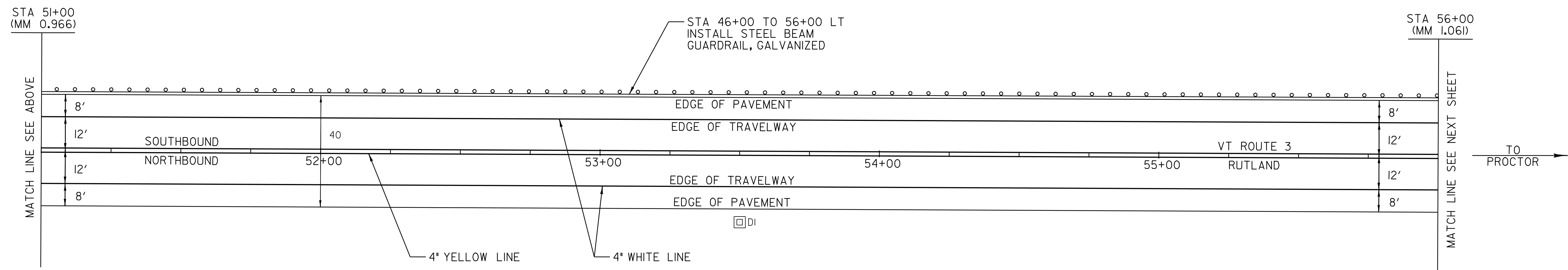
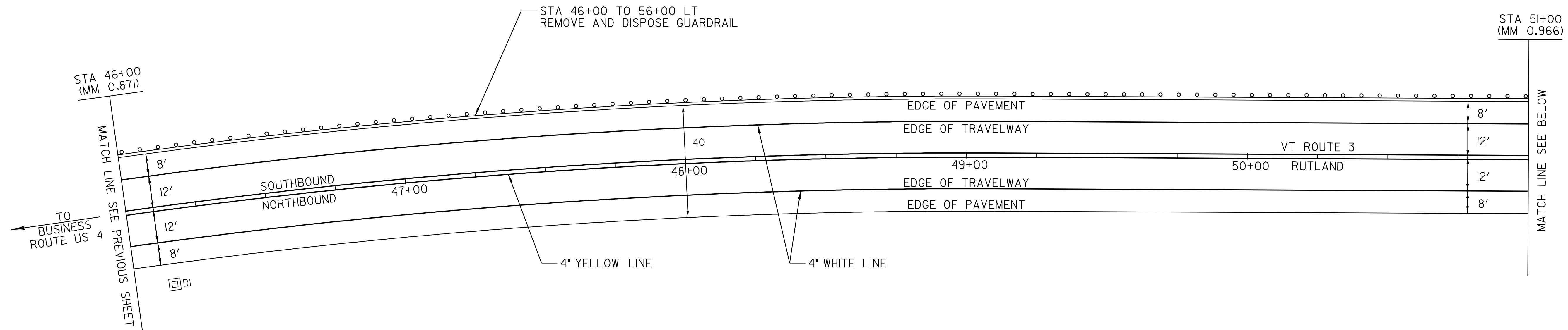
PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
IPARM FILE NAME: pc020la05.1	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 14 OF 33
CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 46+00 TO 56+00 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 46+00 TO 56+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 46+00 TO 56+00 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA 46+00.0 TO 56+00.0 LT



NOT TO SCALE

LEGEND

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

**PAVING
 PROJECT
 LAYOUT #6**

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO. : STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
IPARM FILE NAME: pc020la06.1	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 15 OF 33
CLD REF. NO. 05-0390	

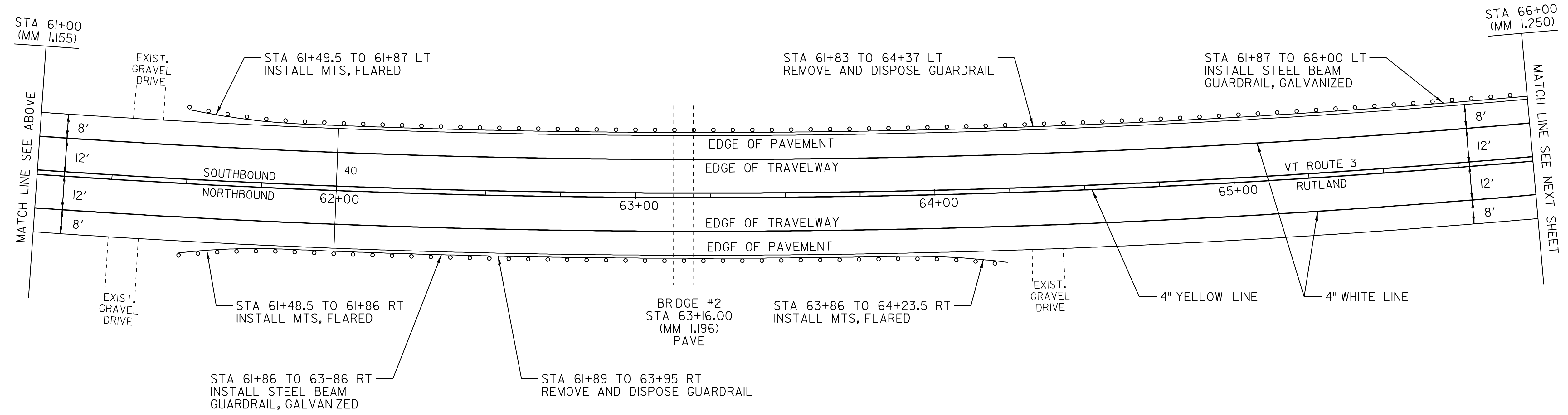
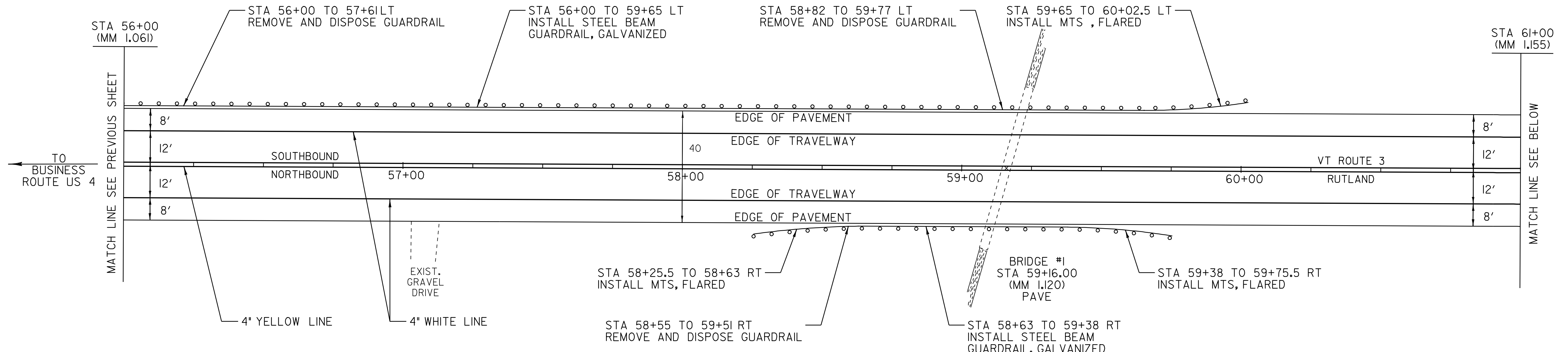
TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 56+00 TO 66+00 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 56+00 TO 66+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 56+00 TO 57+61 LT
 STA 58+55 TO 59+51 RT
 STA 58+82 TO 59+77 LT
 STA 61+83 TO 64+37 LT
 STA 61+89 TO 63+95 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA 56+00.0 TO 59+65.0 LT
 STA 58+63.0 TO 59+38.0 RT
 STA 61+86.0 TO 63+86.0 RT
 STA 61+87.0 TO 64+37.0 LT
 STA 64+37.0 TO 66+00.0 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA 58+25.5 TO 58+63.0 RT
 STA 59+38.0 TO 59+75.5 RT
 STA 59+65.0 TO 60+02.5 LT
 STA 61+48.5 TO 61+86.0 RT
 STA 61+49.5 TO 61+87.0 LT
 STA 63+86.0 TO 64+23.5 RT



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

PAVING PROJECT LAYOUT #7	PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
	IPARM FILE NAME: pc020la07.1	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 16 OF 33
	CLD REF. NO. 05-0390	

NOT TO SCALE

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 66+00 TO 76+50 SOLID LT & RT

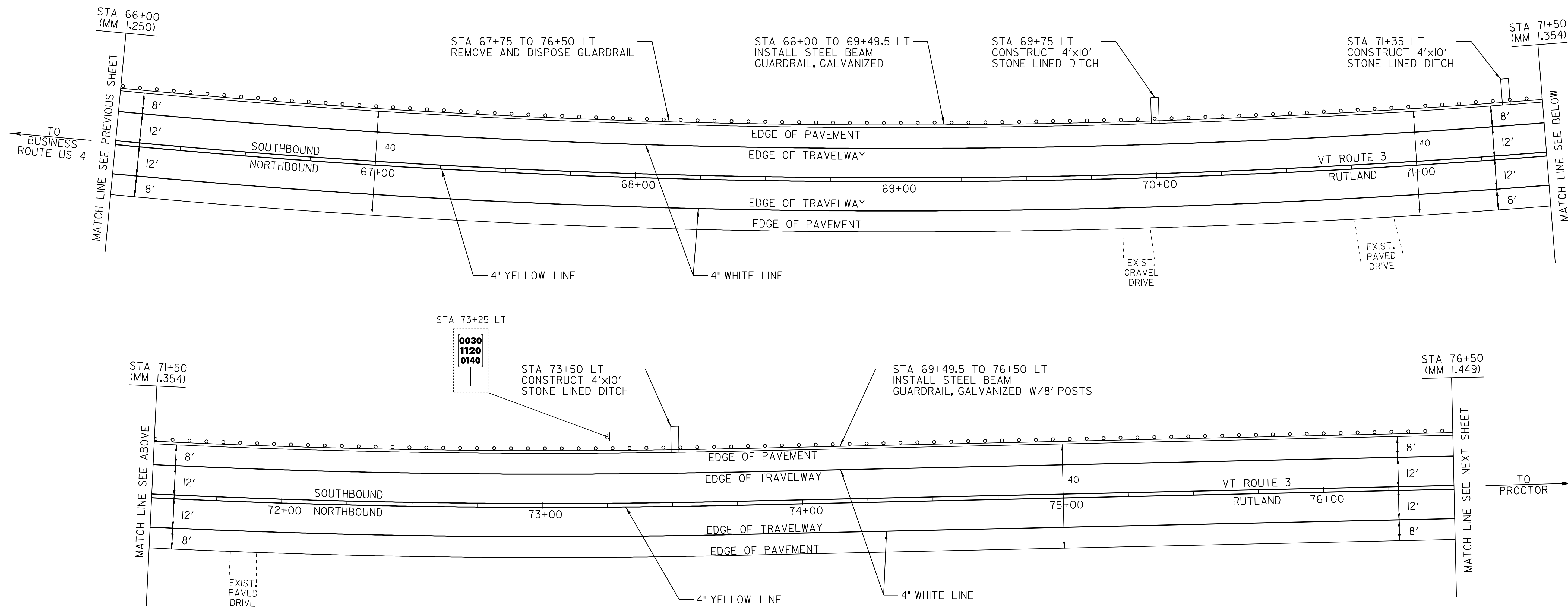
TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 66+00 TO 76+50 SOLID LT & RT

STONE FILL, TYPE I
 STA 69+75 LT
 STA 71+35 LT
 STA 73+50 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 67+75 TO 76+50 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA 66+00.0 TO 69+49.5 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 STA 69+49.5 TO 76+50.0 LT



0030
1120
0140

NOT TO SCALE

LEGEND

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

SIGN INVENTORY SHEET

PAVING PROJECT LAYOUT #8	PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
	IPARM FILE NAME: pc020la08.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 17 OF 33
	CLD REF. NO. 05-0390	

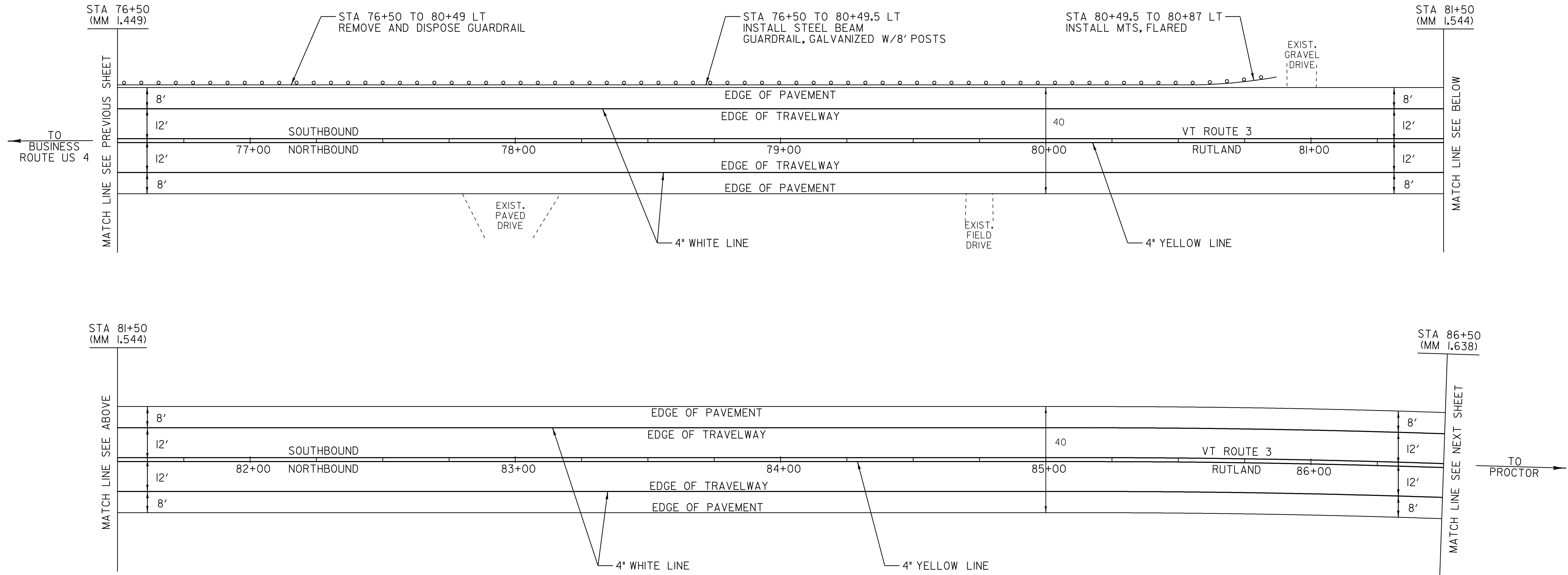
TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA 76+50 TO 86+50 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA 76+50 TO 86+50 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 76+50 TO 80+49 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 STA 76+50.0 TO 80+49.5 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA 80+49.5 TO 80+87.0 LT



NOT TO SCALE

LEGEND

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

**PAVING
 PROJECT
 LAYOUT #9**

SIGN INVENTORY SHEET

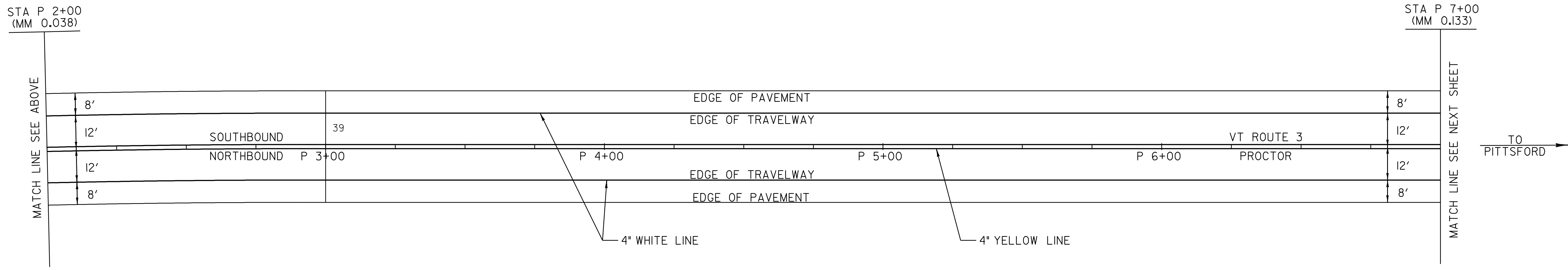
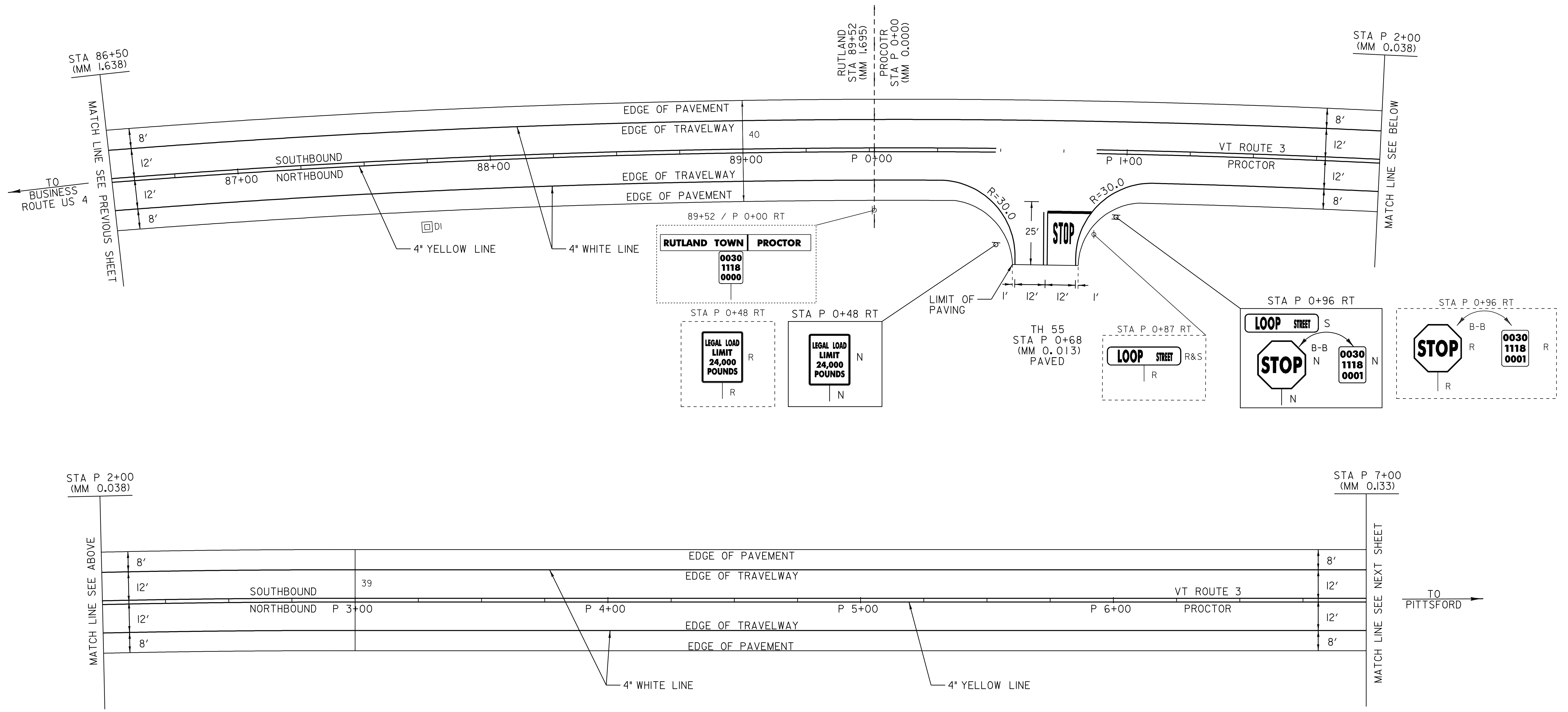
PROJECT: RUTLAND - PROCTOR	PROJECT NO. : STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
IPARM FILE NAME: pc020la09.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 18 OF 33
CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 RUTLAND
 STA 86+50 TO 89+52 SOLID LT & RT
 PROCTOR
 STA P 0+00 TO 0+48 SOLID LT & RT
 STA P 0+68 DOUBLE SOLID RT (TH 55)
 STA P 0+88 TO 7+00 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 RUTLAND
 STA 86+50 TO 89+52 SOLID LT & RT
 PROCTOR
 STA P 0+00 TO 7+00 LT
 STA P 0+00 TO 0+56 RT
 STA P 0+80 TO 7+00 RT

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 PROCTOR
 STA P 0+68 RT - " STOP" (TH 55)
 TEMPORARY 24" STOP BAR, PAINT
 DURABLE 24" STOP BAR, THERMOPLASTIC
 PROCTOR
 STA P 0+68 RT (TH 55)

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



NOT TO SCALE

LEGEND

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

SIGN INVENTORY SHEET

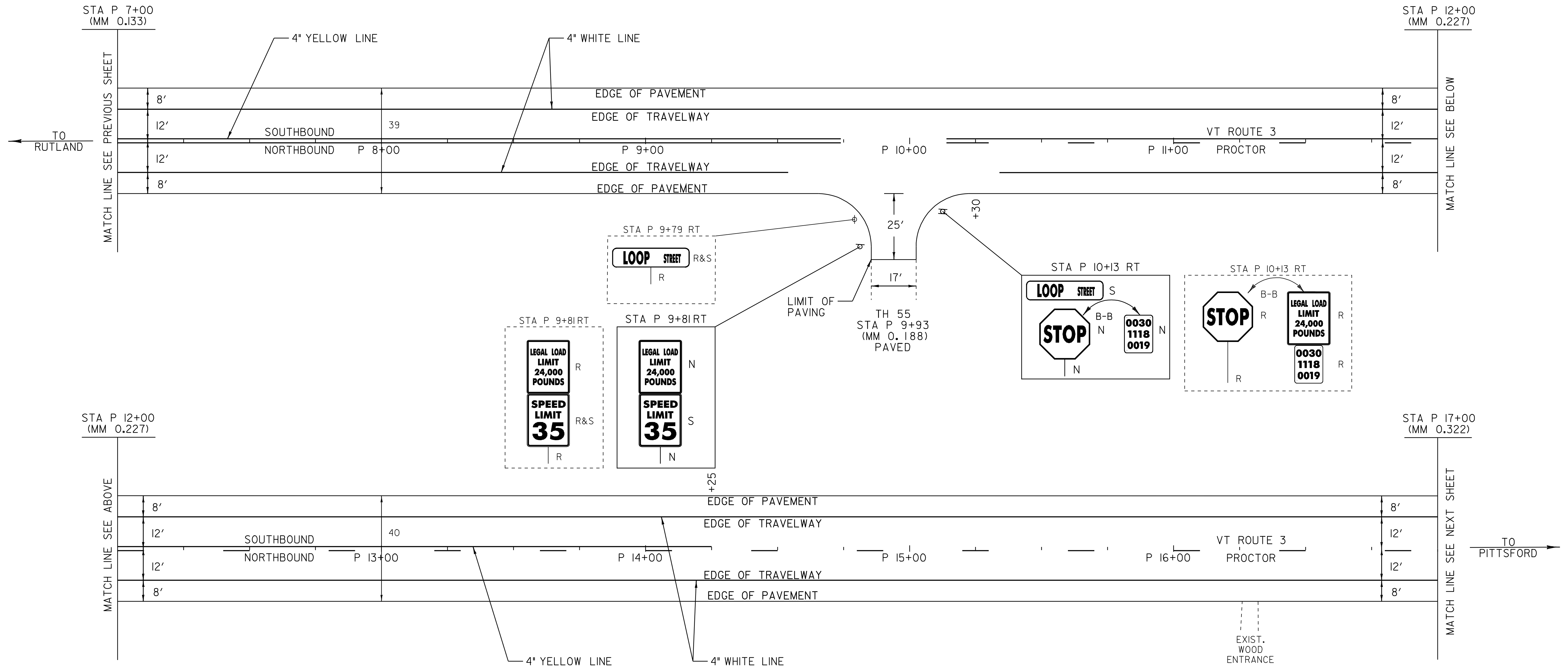
PAVING PROJECT LAYOUT #10	PROJECT: RUTLAND - PROCTOR	PROJECT NO. : STP 2312(I)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
	IPARM FILE NAME: pc020l0.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 19 OF 33
	CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 7+00 TO 9+74 SOLID LT & RT
 STA P 10+14 TO 10+30 SOLID LT & RT
 STA P 10+30 TO 14+25 SOLID LT, DASHED RT
 STA P 14+25 TO 17+00 DASHED

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 7+00 TO 17+00 SOLID LT
 STA P 7+00 TO 9+54 SOLID RT
 STA P 10+34 TO 17+00 SOLID RT

REMOVING SIGNS
 AS SHOWN - 6

ERECTING SALVAGED SIGNS
 AS SHOWN - 2



NOT TO SCALE

LEGEND

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

**PAVING
 PROJECT
 LAYOUT #11**

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
IPARM FILE NAME: pc020dall.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 20 OF 33
CLD REF. NO. 05-0390	

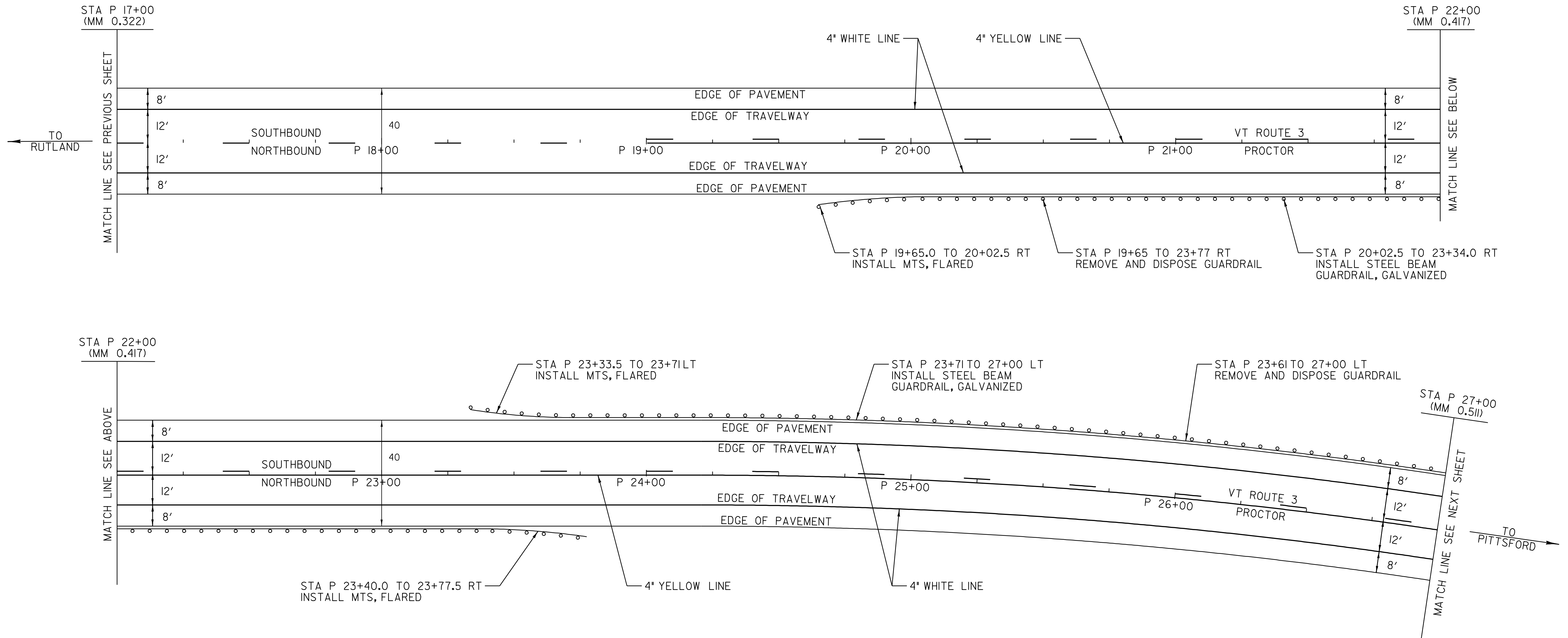
TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 17+00 TO 19+00 DASHED
 STA P 19+00 TO 27+00 DASHED LT, SOLID RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 17+00 TO 27+00 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA P 19+65 TO 23+77 RT
 STA P 23+61 TO 27+00 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA P 20+02.5 TO 23+40.0 RT
 STA P 23+71.0 TO 27+00.0 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA P 19+65.0 TO 20+02.5 RT
 STA P 23+33.5 TO 23+71.0 LT
 STA P 23+40.0 TO 23+77.5 RT



NOT TO SCALE

LEGEND

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

SIGN INVENTORY SHEET

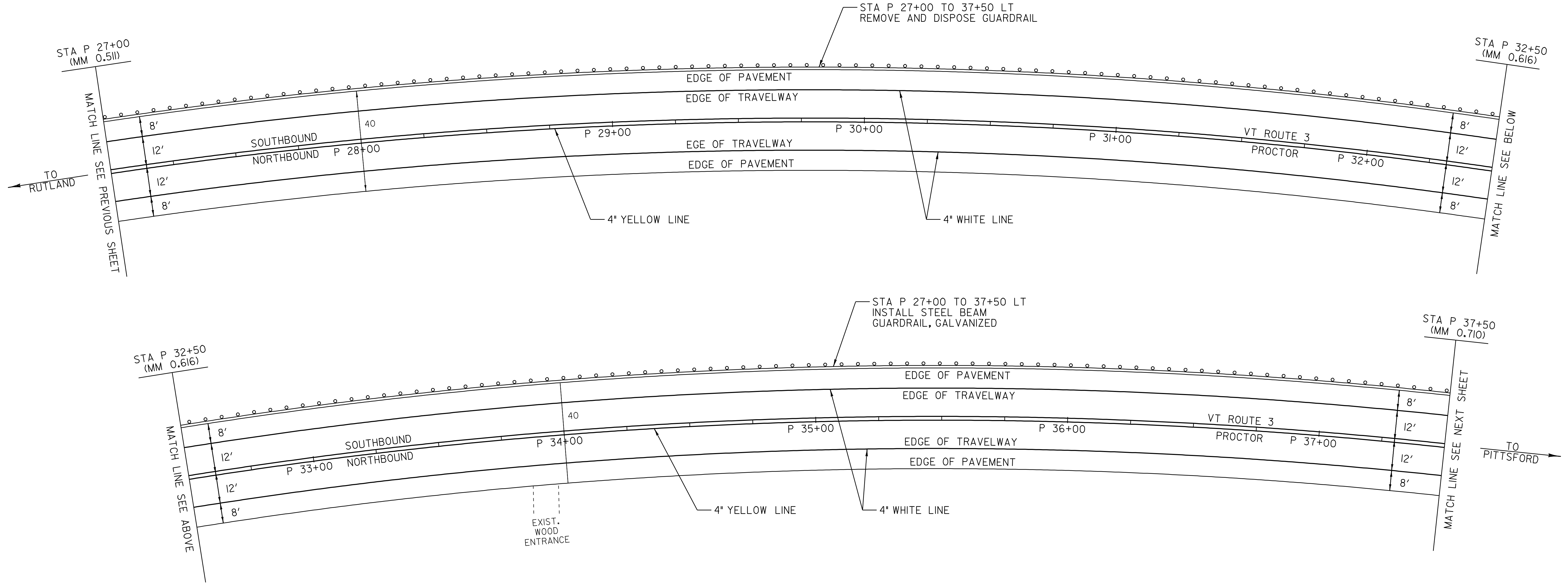
PAVING PROJECT LAYOUT #12	PROJECT: RUTLAND - PROCTOR	PROJECT NO. : STP 2312(I)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
	IPARM FILE NAME: pc020lgl2.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 21 OF 33
	CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 27+00 TO 37+50 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 27+00 TO 37+50 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA P 27+00 TO 37+50 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA P 27+00.0 TO 37+50.0 LT



NOT TO SCALE

LEGEND

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

SIGN INVENTORY SHEET

PAVING PROJECT LAYOUT #13	PROJECT:	RUTLAND - PROCTOR	PROJECT NO.:	STP 2312(I)S
	DESIGN FILE NAME:	/pave/01C020/pc020.dgn	PLOT DATE:	07-OCT-2008 11:58
	IPARM FILE NAME:	pc0201a13.i	SURVEY DATE:	12/05
	SURVEYED BY:	CLD ENGINEERS, INC	DRAWN BY:	JCS
	SQUAD LEADER:	PTS		
	CLD REF. NO.	05-0390	SHEET:	22 OF 33

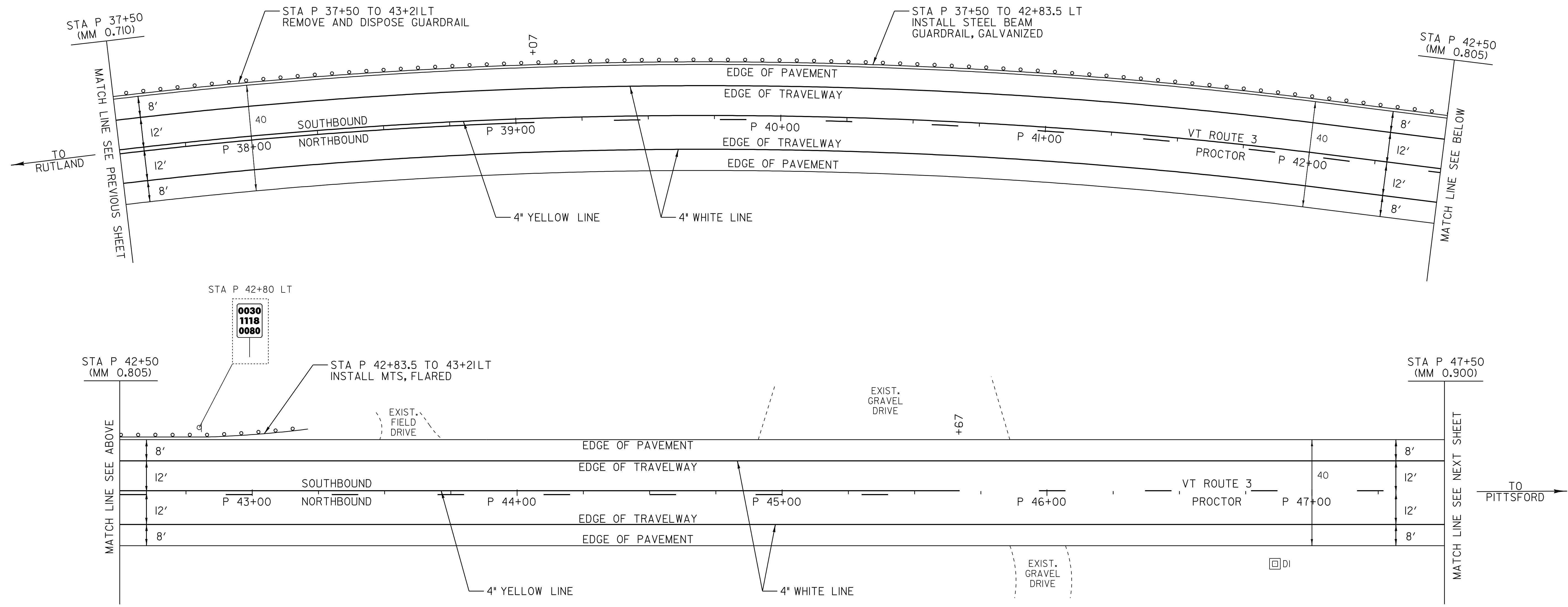
TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 37+50 TO 39+07 SOLID LT & RT
 STA P 39+07 TO 45+67 SOLID LT, DASHED RT
 STA P 45+67 TO 47+50 DASHED

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 37+50 TO 47+50 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA P 37+50 TO 43+21 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA P 37+50 TO 42+83.5 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA P 42+83.5 TO 43+21 LT



NOT TO SCALE

LEGEND

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

SIGN INVENTORY SHEET

PAVING PROJECT LAYOUT #14	PROJECT:	RUTLAND - PROCTOR	PROJECT NO.:	STP 2312(I)S
	DESIGN FILE NAME:	/pave/01C020/pc020.dgn	PLOT DATE:	07-OCT-2008 11:58
	IPARM FILE NAME:	pc020lgl4.i	SURVEY DATE:	12/05
	SURVEYED BY:	CLD ENGINEERS, INC	DRAWN BY:	JCS
	SQUAD LEADER:	PTS		
	CLD REF. NO.	05-0390	SHEET:	23 OF 33

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 47+50 TO 48+05 DASHED
 STA P 48+05 TO 52+00 DASHED LT, SOLID RT
 STA P 52+00 TO 52+10 SOLID LT & RT
 STA P 52+30 DOUBLE SOLID RT (TH 56)
 STA P 52+50 TO 56+50 SOLID LT & RT
 STA P 56+50 TO 57+50 DASHED LT, SOLID RT

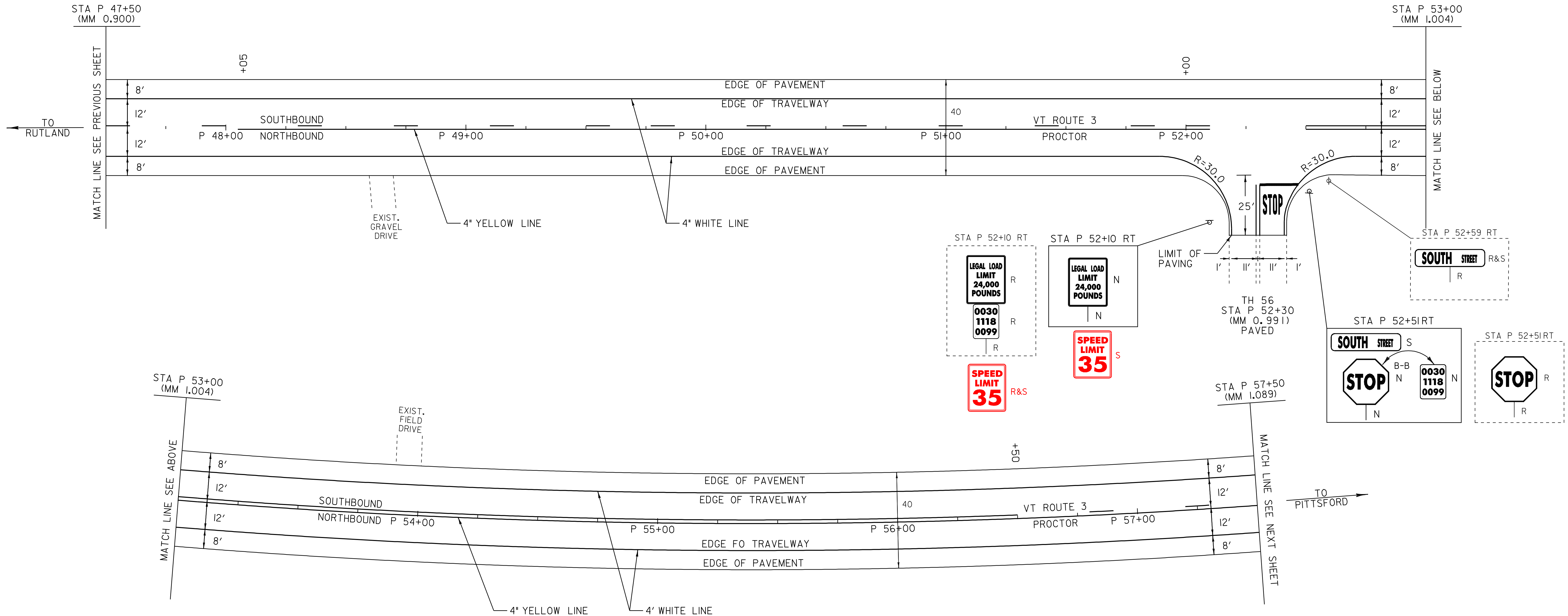
TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 47+50 TO 57+50 SOLID LT
 STA P 47+50 TO 52+19 SOLID RT
 STA P 52+41 TO 57+50 SOLID RT

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA P 52+30 RT - "STOP" (TH 56)

TEMPORARY 24" STOP BAR, PAINT
 DURABLE 24" STOP BAR, THERMOPLASTIC
 STA P 52+30 RT (TH 56)

REMOVING SIGNS
 AS SHOWN - 4 5

ERECTING SALVAGED SIGNS
 AS SHOWN - 1 2



STA P 53+00
(MM 1.004)

STA P 57+50
(MM 1.089)

NOT TO SCALE

LEGEND

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

**PAVING
 PROJECT
 LAYOUT #15**

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
IPARM FILE NAME: pc020lsl5.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 24 OF 33
CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 57+50 TO 62+83 DASHED LT, SOLID RT
 STA P 62+83 TO 64+42 SOLID LT & RT
 STA P 64+42 TO 67+00 SOLID LT, DASHED RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 57+50 TO 67+00 SOLID LT & RT

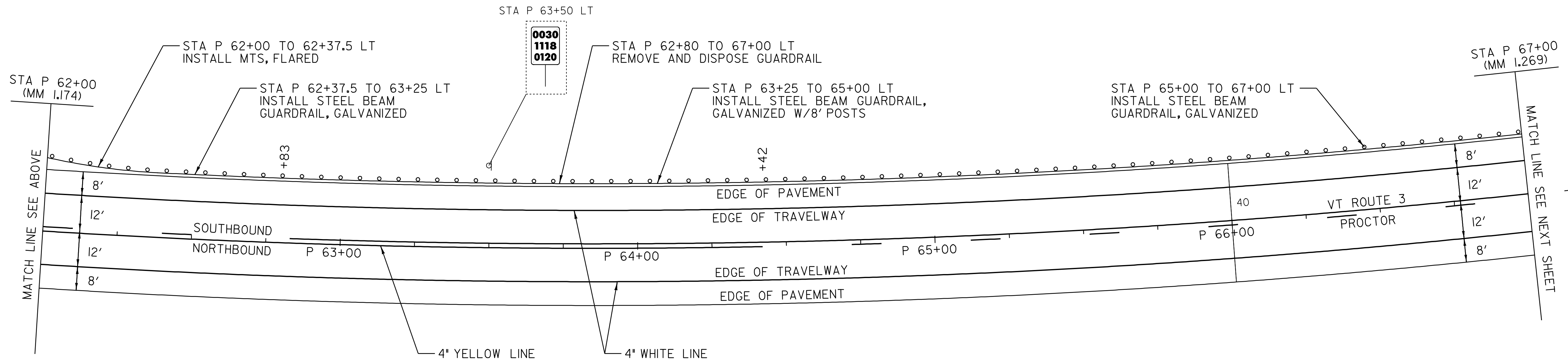
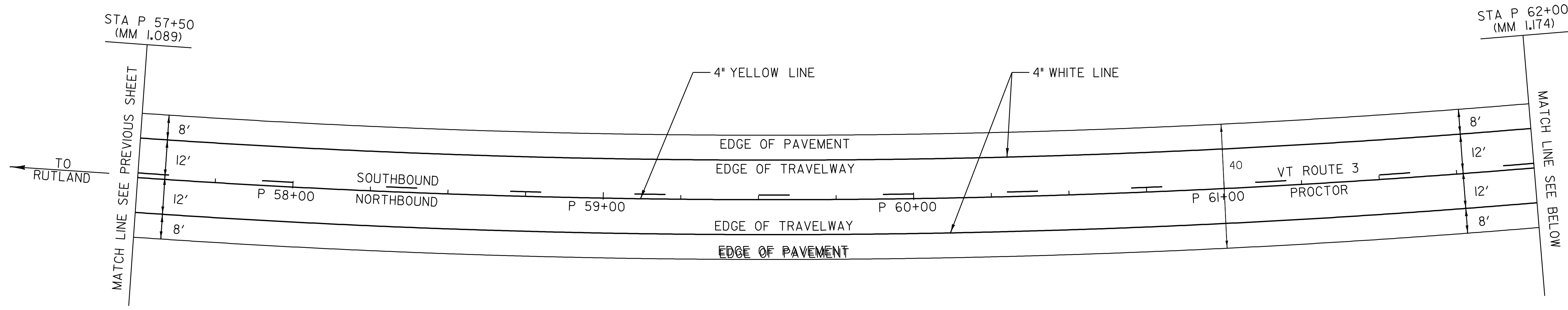
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA P 62+80 TO 67+00 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA P 62+37.5 TO 63+25.0 LT
 STA P 65+00.0 TO 67+00.0 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POST
 STA P 63+25.0 TO 65+00.0 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA P 62+00.0 TO 62+37.5 LT

SPECIAL PROVISION
 (REMOVING SIGN POSTS)
 STA P 65+75 LT



NOT TO SCALE

LEGEND

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

**PAVING
PROJECT
LAYOUT #16**

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
IPARM FILE NAME: pc020lal6.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 25 OF 33
CLD REF. NO. 05-0390	

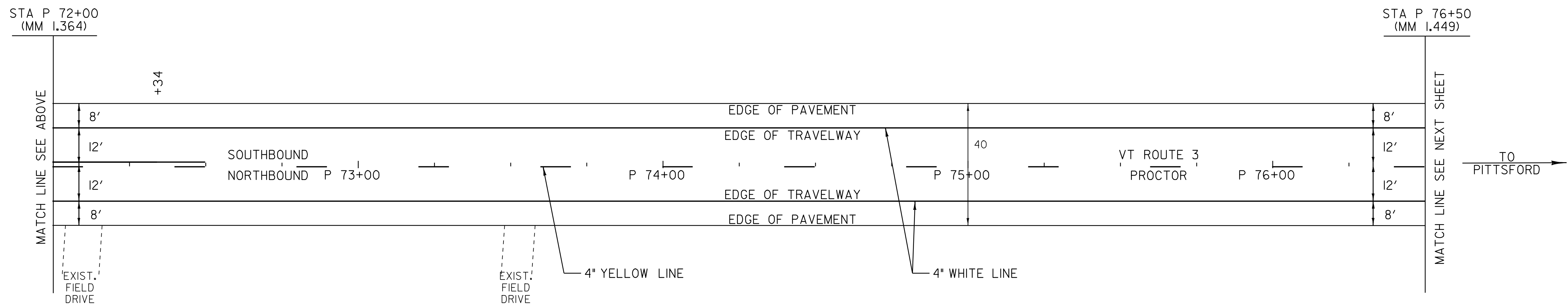
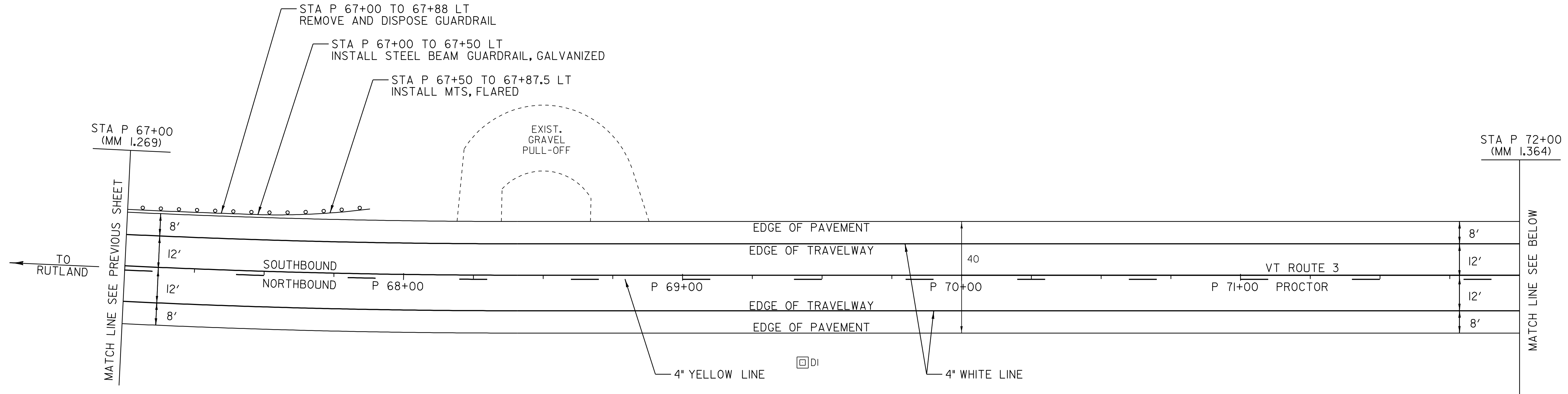
TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 67+00 TO 72+34 SOLID LT, DASHED RT
 STA P 72+34 TO 76+50 DASHED

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 67+00 TO 76+50 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA P 67+00 TO 67+88 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA P 67+00.0 TO 67+50.0 LT

MANUFACTURED TERMINAL SECTION, FLARED
 STA P 67+50.0 TO 67+87.5 LT



NOT TO SCALE

LEGEND

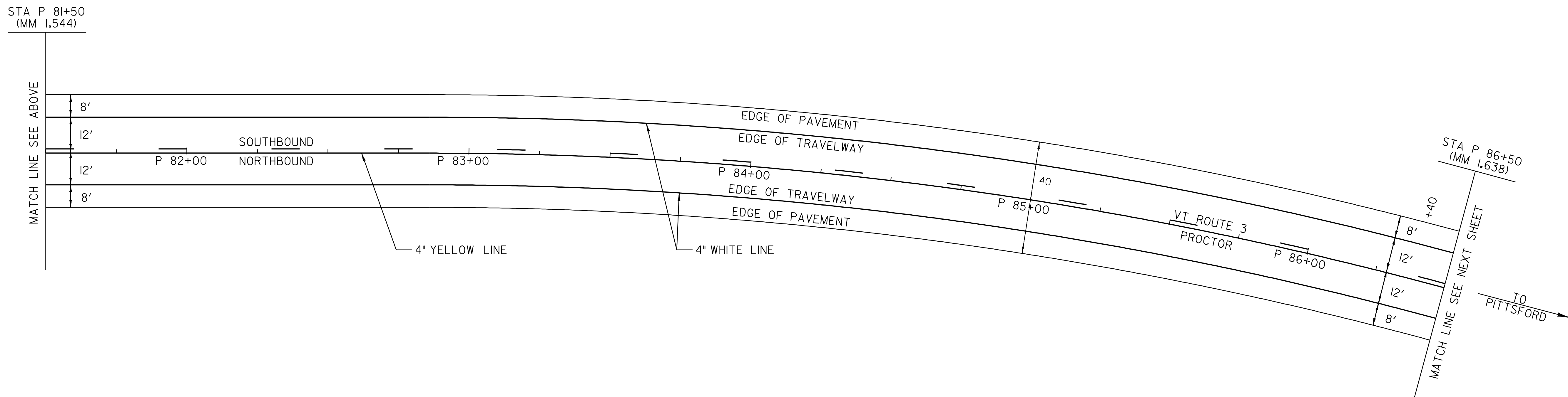
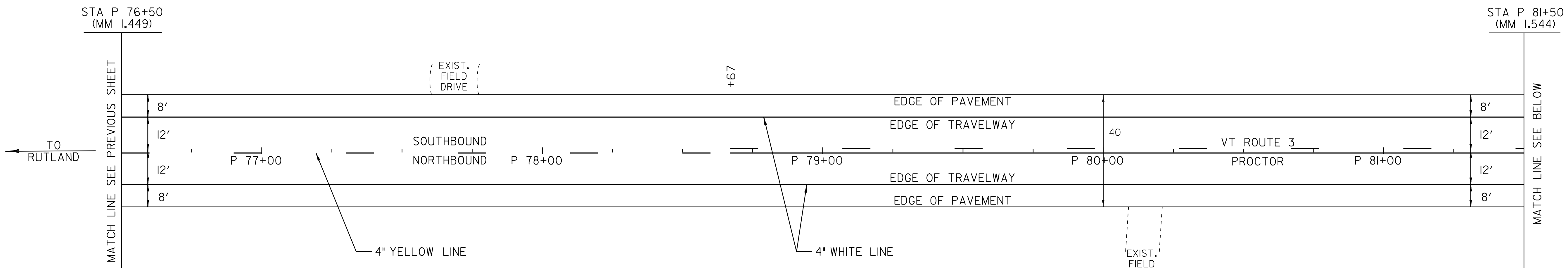
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = NEW GUARDRAIL
- = EXISTING GUARDRAIL

SIGN INVENTORY SHEET

PAVING PROJECT LAYOUT #17	PROJECT: RUTLAND - PROCTOR	PROJECT NO. : STP 2312(I)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
	IPARM FILE NAME: pc020d17.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 26 OF 33
	CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 76+50 TO 78+67 DASHED
 STA P 78+67 TO 86+40 DASHED LT, SOLID RT
 STA P 86+40 TO 86+50 SOLID LT & RT

TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 76+50 TO 86+50 SOLID LT & RT



NOT TO SCALE

LEGEND

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

**PAVING
 PROJECT
 LAYOUT #18**

SIGN INVENTORY SHEET

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(I)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
IPARM FILE NAME: pc0201d18.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
SQUAD LEADER: PTS	SHEET: 27 OF 33
CLD REF. NO. 05-0390	

TEMPORARY 4" YELLOW LINE, PAINT
 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA P 86+50 TO 95+11 SOLID LT & RT
 STA P 95+31 DOUBLE SOLID RT (TH 56)
 STA P 95+51 TO 95+70 SOLID LT & RT

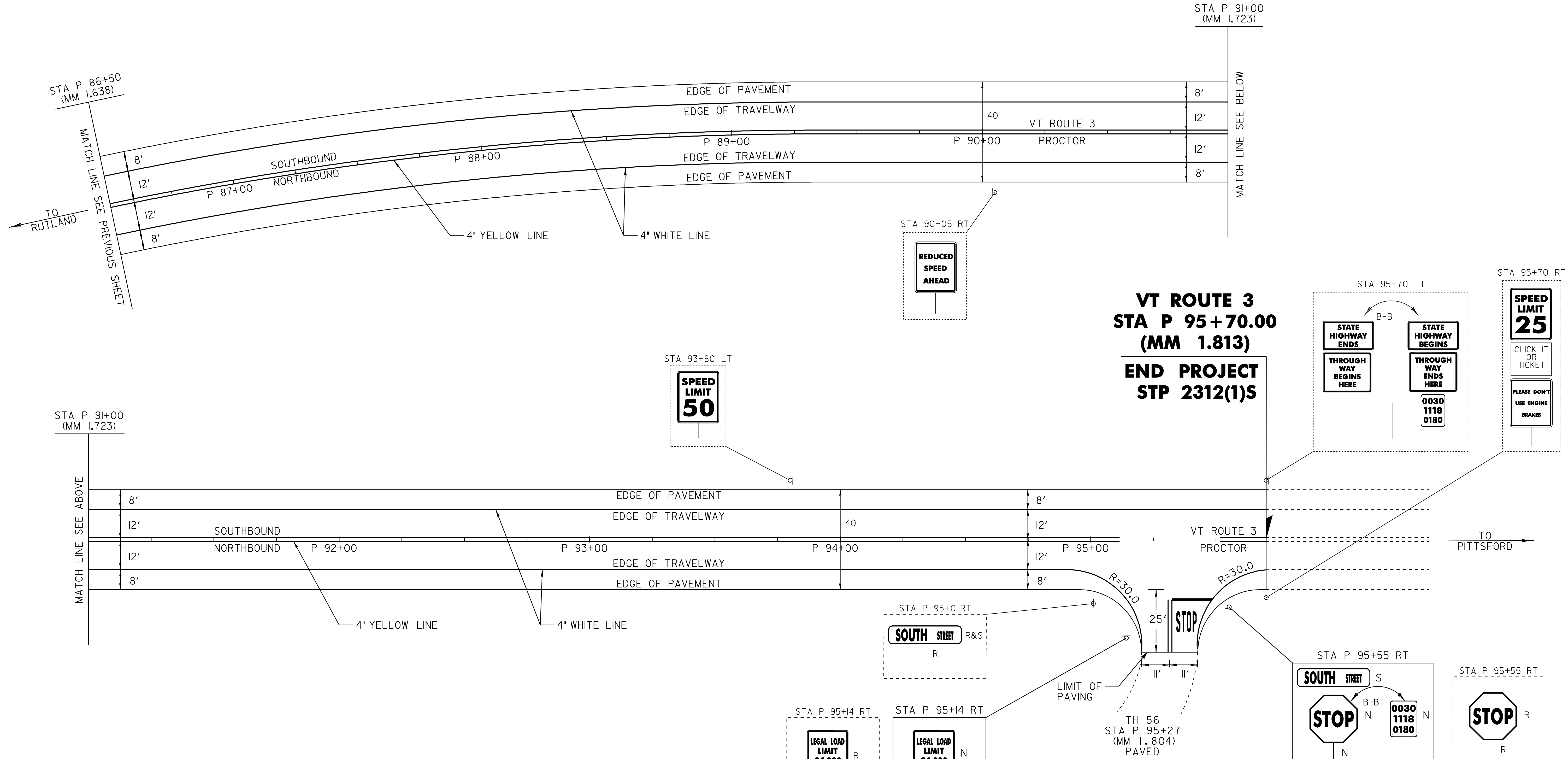
TEMPORARY 4" WHITE LINE, PAINT
 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA P 86+50 TO 95+20 SOLID RT
 STA P 86+50 TO 95+70 SOLID LT
 STA P 95+42 TO 95+70 SOLID RT

TEMPORARY LETTER OR SYMBOL, PAINT
 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA P 95+37 RT - "STOP" (TH 56)

TEMPORARY 24" STOP BAR, PAINT
 DURABLE 24" STOP BAR, THERMOPLASTIC
 STA P 95+37 RT (TH 56)

REMOVING SIGNS
 AS SHOWN - 4

ERECTING SALVAGED SIGNS
 AS SHOWN - 2



STA P 91+00
(MM 1.723)

**VT ROUTE 3
 STA P 95+70.00
 (MM 1.813)
 END PROJECT
 STP 2312(1)S**

STA 93+80 LT
SPEED LIMIT 50

STA P 95+01 RT
SOUTH STREET R&S

STA P 95+55 RT
SOUTH STREET S

STA P 95+14 RT
LEGAL LOAD LIMIT 24,000 POUNDS
SPEED LIMIT 35

STA P 95+14 RT
LEGAL LOAD LIMIT 24,000 POUNDS
SPEED LIMIT 35

STA P 95+55 RT
STOP

STA 95+70 RT
SPEED LIMIT 25
 CLICK IT OR TICKET
 PLEASE DON'T USE ENGINE BRAKES

LEGEND

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

NOT TO SCALE

PAVING PROJECT LAYOUT #19

SIGN INVENTORY SHEET

PAVING PROJECT LAYOUT #19	PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(1)S
	DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
	IPARM FILE NAME: pc020ld19.i	SURVEY DATE: 12/05
	SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: JCS
	SQUAD LEADER: PTS	SHEET: 28 OF 33
	CLD REF. NO. 05-0390	

**VT ROUTE 3
STA 0+33.00
(MM 0.006)**

**BEGIN PROJECT
STP 2312(1)S**

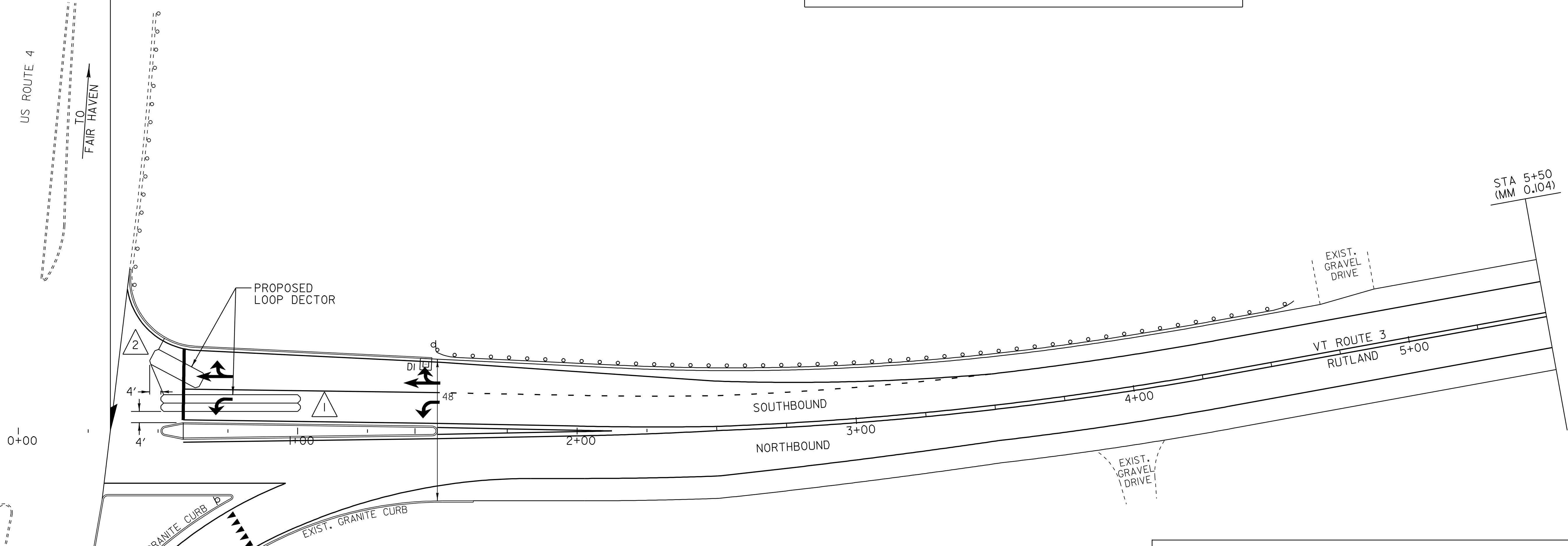
VEHICLE LOOP DETECTORS								TEST RESULTS				
LANE	LOOP NO.	SIZE	NO TURNS	TYPE	CALL Ø	MODE	AMP.	INDUCTANCE micro - H		RESISTANCE OHM @ 77° C		(MEGOHM)
								CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
SB	1	6' X 50'	2-4-2	QUAD	3	-	-	418				
SB	2	6' X 20'	4	RECT	3	-	-	300				

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

LOOP LENGTHS
(RUN AND HOMERUN)

196
(162 AND 34)

62
(52 AND 10)



**VEHICLE LOOP DETECTOR INSTALLATION
GENERAL NOTES**

- EXISTING LOOPS SHALL BE DISCONNECTED AT THE CURB LINE PRIOR TO COLD PLANING.
- NEW LOOPS TO BE CUT INTO COLD PLANED SURFACE AND WIRED INTO EXISTING CONDUITS AT THE CURB LINE.
- NO CHANGES TO THE EXISTING SIGNAL TIMING/ PHASING ARE TO BE MADE AT THIS INTERSECTION.
- AFTER THE NEW LOOP IS INSTALLED, THE INDUCTANCE, RESISTANCE AND LEAKAGE TO GROUND SHALL BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES AND RECORDED ON THE PLANS. ALL LOAD TESTING SHALL BE PERFORMED AS PER VTRANS STANDARD E-172.
- AFTER ACCEPTANCE OF THE LOOP INSTALLATION BY THE RESIDENT ENGINEER RETURN THE SIGNAL TO NORMAL OPERATION. ALL WORK REQUIRED SHALL BE INCIDENTAL TO ITEM 678.22, VEHICLE LOOP DETECTOR.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
678.22	VEHICLE LOOP DETECTORS	LF	660

**LOOP
DETECTOR
LAYOUT
SHEET**

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(1)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:58
IPARM FILE NAME: pc020d+01.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: NLL
SQUAD LEADER: PTS	SHEET: 29 OF 33
CLD REF. NO. 05-0390	

NOT TO SCALE

TRAFFIC SIGN SUMMARY SHEET #1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS														REMARKS	SIGN DETAIL									
		EA	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
												lb/ft			1.75	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	2.16	3.35	1.3		1.7	1.7	7.6		9.0		10.8	14.6	24"				30"			
RUTLAND STA 0+55 CL		1	24	30	5.00					1			X ₁₃		X													R4-7	E-144						
		2	18	18	4.50																							OM-1	BACK TO BACK	E-150					
STA 0+72 RT	 36" x 36" x 36"	1			3.90					1			X ₁₃		X														RI-2	E-146					
STA 0+85 RT	 36" x 36" x 36"	1			3.90					1			X ₁₃		X														RI-2	E-146					
STA 1+47 CL		1	24	30	5.00					1			X ₁₃		X														R4-7	E-144					
		2	18	18	4.50																								OM-1	BACK TO BACK	E-150				
STA 1+49 LT		1	36	30	7.50					2			X ₁₃		X														VR-922	E-145A					
STA 21+95 RT STA 23+20 LT			3.00																										RI5-1	E-190					
STA 7+67 LT		1	36	36	9.00					2			X ₁₄ X ₁₅		X														W3-3	E-152					
STA 15+84 RT		1			7.07					1			X ₁₅		X														W10-1	E-153B					
STA 17+84 RT		1	30	30	6.25					1			X ₁₅		X														W10-12						
STA 27+90 LT		1	30	30	6.25					1			X ₁₅		X														W10-12						
STA 28+61 RT		1	24	30	5.00					1			X ₁₃		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 THE ROADWAY TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	67.87	73.87	1			180	180	180	180	2									

TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: RUTLAND-PROCTOR
PROJECT NUMBER: STP 2312(1)S
FILE NAME: pave/01C20/pc020.1
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: pc020TS01.1
PLOT DATE: 07-OCT-2008 11:00
DRAWN BY: MRS
CHECKED BY: NLL
SHEET 30 OF 33

TRAFFIC SIGN SUMMARY SHEET #2

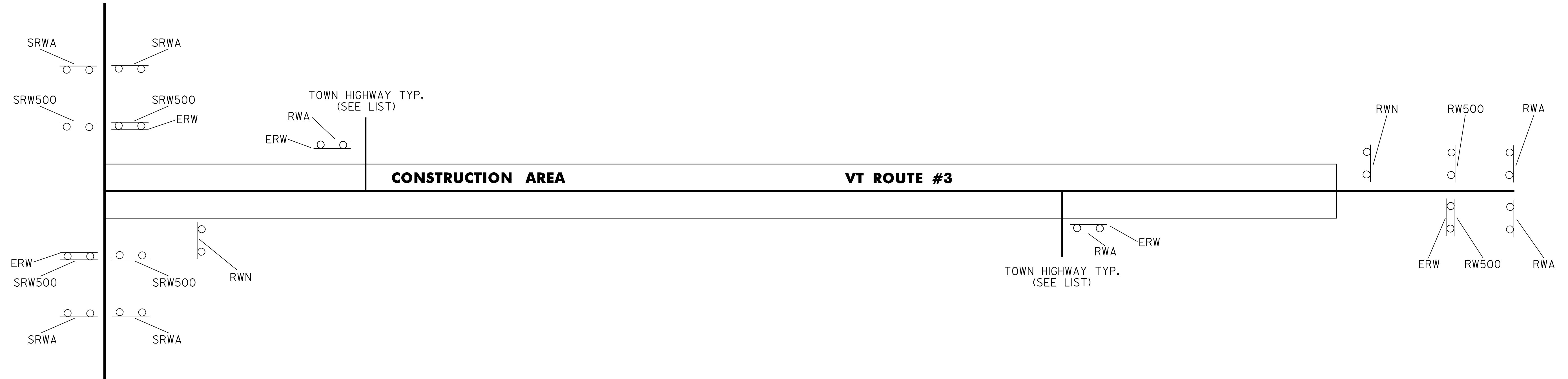
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																	REMARKS	SIGN DETAIL				
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
											1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE						WEIGHT	POST SIZE
																									1.3	1.7						
STA 29+11RT						I			I			X 13		X		X														SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 1.0' FROM AND PERPENDICULAR TO TOP OF STOP SIGN.		
		I	30	30	6.25																								RI-I	BACK TO BACK	E-143 E-138	
STA 29+91LT		I			7.07				I			X 15		X		X													W10-I		E-153B	
PROCTOR STA P 0+48 RT		I	24	30	5.00				I			X 13		X		X													VR-017		E-141	
STA P 0+96 RT						I			I			X 13		X		X													SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 1.0' FROM AND PERPENDICULAR TO TOP OF STOP SIGN.			
		I	30	30	6.25																								RI-I	BACK TO BACK	E-143 E-138	
STA P 9+81RT		I	24	30	5.00				I			X 15		X		X														VR-017		E-141
						I																							R2-I		E-142	
STA P 10+13 RT						I			I			X 13		X		X													SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 1.0' FROM AND PERPENDICULAR TO TOP OF STOP SIGN.			
		I	30	30	6.25																								RI-I	BACK TO BACK	E-143 E-138	
STA P 52+10 RT		I	24	30	5.00				I			X 15		X		X														VR-017		E-141
STA P 52+51RT						I			I			X 13		X		X													SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 1.0' FROM AND PERPENDICULAR TO TOP OF STOP SIGN.			
		I	30	30	6.25																								RI-I	BACK TO BACK	E-143 E-138	

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

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	48.75		5-6			120	110		120										

TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: RUTLAND-PROCTOR	PLOT DATE: 07-OCT-2008 11:00
PROJECT NUMBER: STP 2312(1)S	DRAWN BY: MRS
FILE NAME: pave/01C020/pc020.1	CHECKED BY: NLL
DESIGNED BY: NLL	SHEET 31 OF 33
IPARM FILE NAME: pc020ts02.1	



CONSTRUCTION APPROACH SIGNING
NOT TO SCALE

SEE STANDARD E-100 AND E-100A FOR SIGN PLACEMENT.

NOTE:

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

LIST OF TOWN/STATE HIGHWAYS
FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500'	ROAD WORK NEXT 4 MILES	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500'	OTHER
RUTLAND							
TH #59	1	1					
PROCTOR							
TH #55	1	1					
TH #55	1	1					
TH #56	1	1					
TH #56	1	1					
BEGINNING OF PROJECT		2		1	4	4	
END OF PROJECT	2	1	2	1			
TOTAL	7	8	2	2	4	4	

LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500'
- RWN = ROAD WORK NEXT 4 MILES
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500'

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**CONSTRUCTION
APPROACH
SIGNING
SHEET**

SURVEYED BY	CLD	DATE	12/05
DRAWN BY	NLL	DATE	5/06
SQUAD LEADER	PTS		
DESIGN FILE NO.	pave/01C020/pc020.i		
IPARM FILE	pc020cas.i	DATE PLOTTED	7 OCT-2008 11
PROJ. NAME	RUTLAND-PROCTOR		
PROJ. NO.	STP 2312(1)S		
SHEET	33	OF	33 SHEETS