

INDEX OF SHEETS
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STATE OF VERMONT AGENCY OF TRANSPORTATION



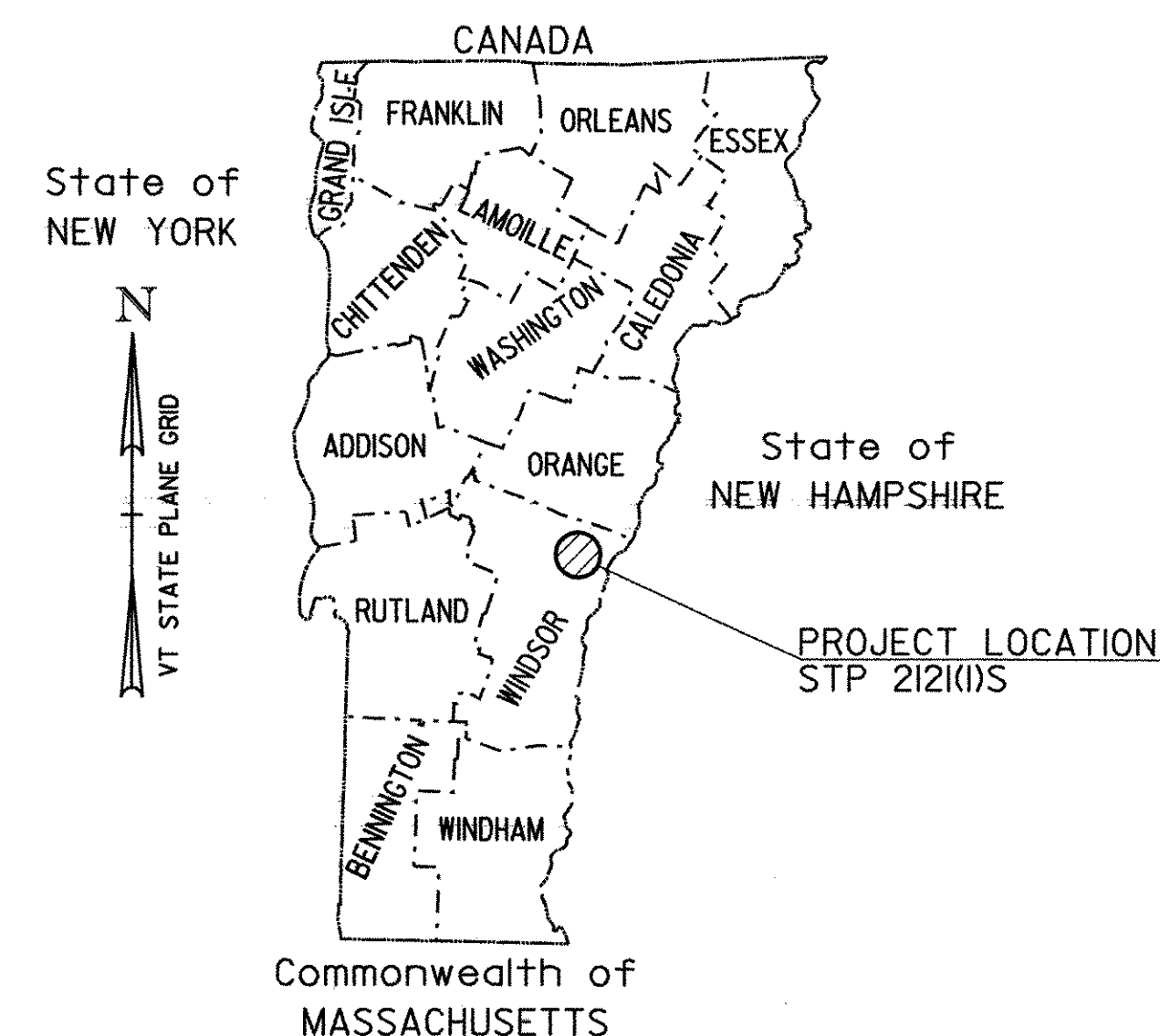
PROPOSED IMPROVEMENT TOWNS OF HARTFORD, SHARON & ROYALTON COUNTY OF WINDSOR VT ROUTE 14 & 132

BEGINNING IN HARTFORD ON VT ROUTE 14 AT STATION 2+377.00 (MM 1.477) AND EXTENDING NORTHERLY ALONG VT ROUTE 14 A DISTANCE OF 26 252.64 METERS (16.313 MILES) TO STATION 3+811.61 (MM 2.368) IN ROYALTON. ALSO INCLUDED IS VT ROUTE 132 FROM 0+004.00 MM (0.002) AND EXTENDING EASTERLY ALONG ROUTE 132 A DISTANCE OF 360.85 METERS (0.224 MILES) TO STATION 0+364.85 (MM 0.227) IN SHARON

PROJECT DATA

EROM IO
VT ROUTE 14 STA 2+377.00 (MM 1.477) STA 3+811.61 (MM 2.368)
VT ROUTE 132 STA 0+004.00 (MM 0.002) STA 0+364.85 (MM 0.227)
LENGTH OF PROJECT = 26 613.49 METERS (16.537 MILES)
LENGTH OF ROADWAY = 26 613.49 METERS (16.537 MILES)

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



TRAFFIC DATA

BEGIN OF PROJECT TO HARTFORD TH-4 (MM 6.90)		
2005	ADT	= 3300
2005	DHV	= 400
2015	ADT	= 3800
2015	DHV	= 450
2005-2015	ESALS	= 482,000
HARTFORD TH-4 TO VT ROUTE 132		
2005	ADT	= 1700
2005	DHV	= 240
2015	ADT	= 2000
2015	DHV	= 270
2005-2015	ESALS	= 404,000
VT ROUTE 132 TO END OF PROJECT		
2005	ADT	= 4300
2005	DHV	= 500
2015	ADT	= 5000
2015	DHV	= 570
2001-2011	ESALS	= 760,000

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: CHRIS BARKER

CONSTRUCTION BEGAN: MAY 22, 2006

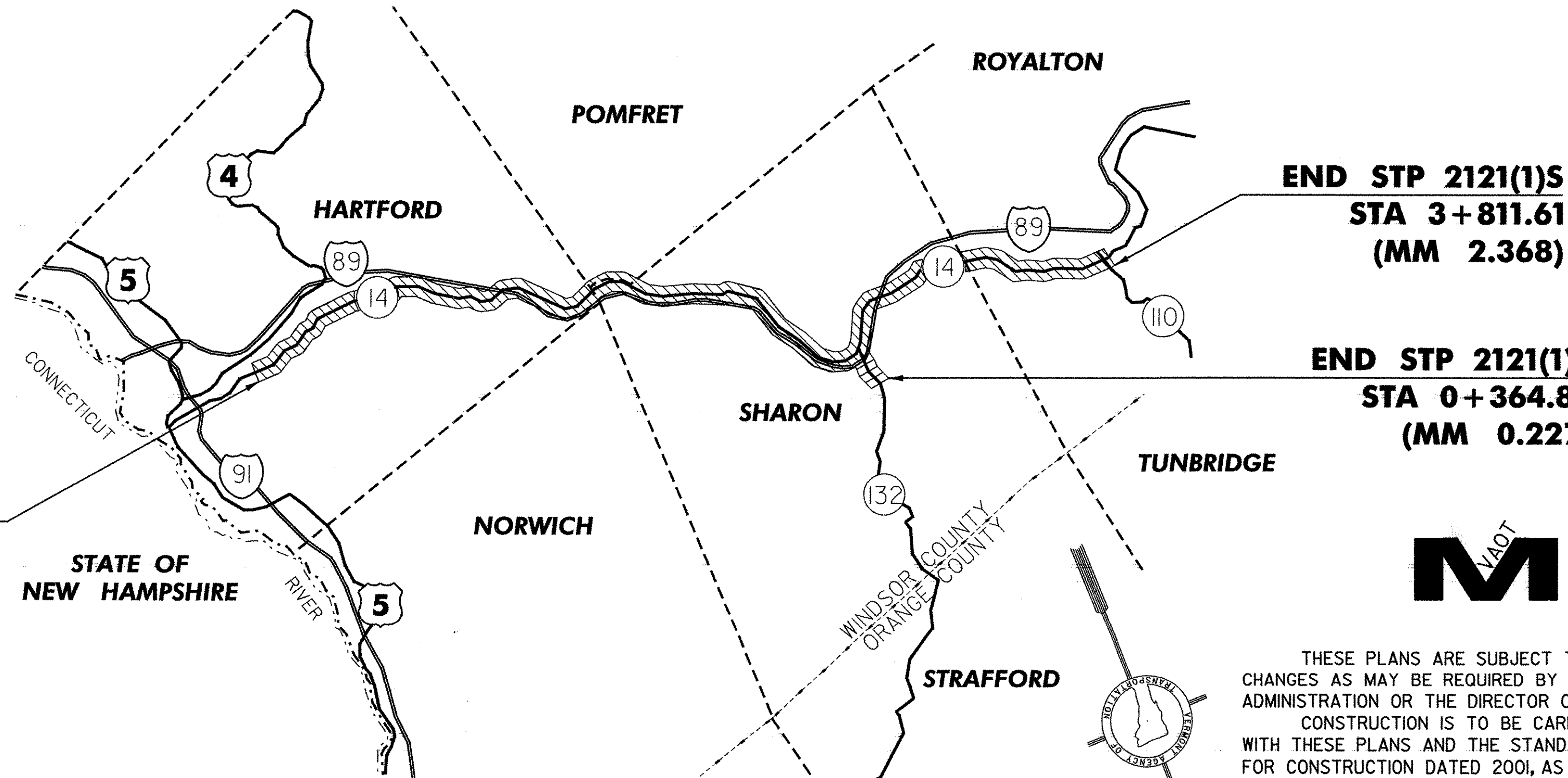
CONSTRUCTION COMPLETE: OCTOBER 5, 2006

RECORD PLANS BY: CHRIS BARKER & C. PIERCE

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

BY: *Chris Barker* RESIDENT ENGINEER
DATE: 03/09/07

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.



CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-
STONE WALL	=====
TRAVELED WAY	-----
GUARDRAIL	○-○-○-○
RAILROAD	
SURVEY LINE	+
CULVERT	—+—
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	⊗
CONTROL OF ACCESS	///
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	○-SR-△
TOP OF CUT	△
TOE OF SLOPE	○

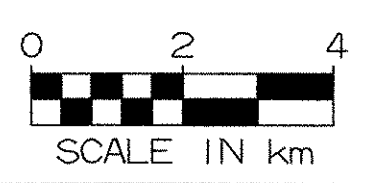
UNLESS OTHERWISE INDICATED, THE DRAWINGS AND DETAILS OF THESE PLANS ARE NOT TO SCALE.

DATUM
VERTICAL N/A
HORIZONTAL N/A

HORIZONTAL CONTROL (STATIONS)
WAS SET BY HOLDING THE ROUTE LOG STATIONING AT PROJECT CONTROL POINTS.

METRIC PLANS PREPARED BY:

540 Commercial Street
Manchester, NH 03101
Tel: (603) 668-8223
Fax: (603) 668-8802
email: cld@cdengineers.com
Maine • New Hampshire • Vermont



**END STP 2121(1)S
STA 3+811.61
(MM 2.368)**

**END STP 2121(1)S
STA 0+364.85
(MM 0.227)**

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 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED: *Richard Johnson* DATE: 3/24/05
DIRECTOR OF PROJECT DEVELOPMENT

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____ DATE: _____
DIVISION ADMINISTRATOR

PROJECT: HARTFORD - ROYALTON
AC STP 2121(1)S

SHEET 1 OF 64 SHEETS

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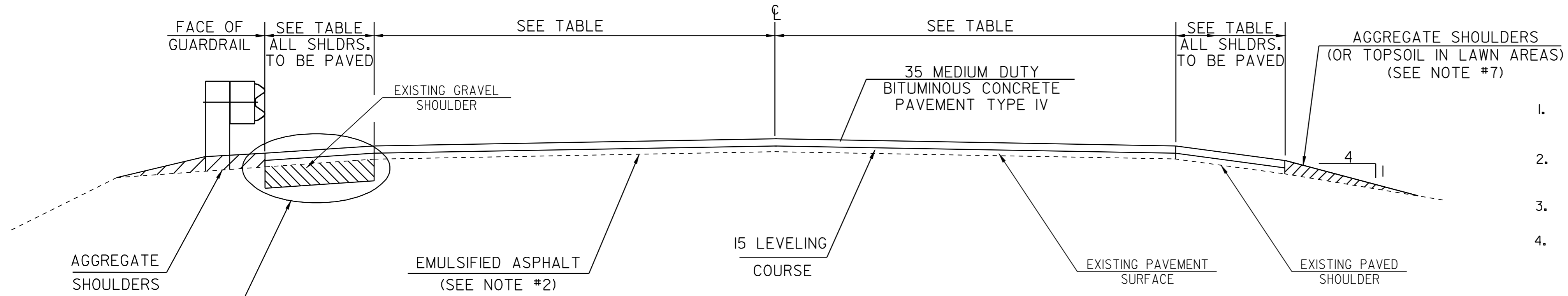
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62	MISCELLANEOUS DETAIL SHEET
63	BRIDGE DETAIL SHEET
64	CONSTRUCTION APPROACH SIGNING

STANDARDS

B-17M	TURNOUTS	01/03/00
C-1M	TREATED TIMBER CURB	01/03/00
D-6M	REINFORCED CONCRETE DI W/ GRATE (DITCHES)	06/13/97
D-15M	PRECAST REINF CONCRETE CB OR MH W/ C I GRATE OR COVER, C I GRATE W/ FRAME, TYPES D & E	06/13/97
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-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06/30/03
E-107A	BREAKAWAY BARRICADE DETAILS	08/08/95
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS	08/18/95
E-119	UTILITY WORK ZONE	03/01/04
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08/08/95
E-123	GUIDE SIGN PLACEMENT-MISCELLANEOUS DETAILS	03/16/04
E-138	MILEMARKER DETAILS STATE & TOWN HWYS	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-145A	REGULATORY SIGN DETAILS	12/23/04
E-150	WARNING SIGN DETAILS	05/01/04
E-152	WARNING SIGN DETAILS	05/01/04
E-153	WARNING SIGN DETAILS	05/01/04
E-160	FLANGED CHANNEL STEEL SIGN POST DETAIL	05/20/99
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DATAILS	08/18/95
G-1M	STEEL BEAM GUARDRAIL W/ WOOD & STEEL POSTS	01/03/00
G-1DM	STEEL BEAM GUARDRAIL ANCHORS & TERMINALS	01/03/00
G-4M	STEEL MARKER POSTS	06/13/97
G-17AM	MODIFIED ECCENTRIC LOADER TERMINAL	09/27/02
G-17BM	MODIFIED ECCENTRIC LOADER TERMINAL	09/27/02
G-19M	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS	11/15/02
J-3M	MAILBOX SUPPORT DETAIL (SINGLE & MULTIPLE)	06/13/97
SB-R6-82M	BRIDGE RAILING HD STEEL BEAM (TYPE A, B, C, D)	07/10/97

NOTICE: THE METRIC VERSIONS OF THE VAOT "E" SERIES STANDARDS ARE NOT CURRENTLY BEING UPDATED. THE ENGLISH VERSIONS OF THESE STANDARDS ARE SUBSTITUTED FOR THE METRIC VERSIONS REFERENCED IN THESE PLANS.

PROJECT NAME:	HARTFORD-ROYALTON
PROJECT NUMBER:	STP 212(K)S
FILE NAME:	/pave/98cl74/pcl74.dgn
PROJECT LEADER:	WOOLAVER
DESIGNED BY:	JLR
PLOT DATE:	21-MAR-2007 09:30
DRAWN BY:	JLR
CHECKED BY:	
SHEET	2 OF 64



NOTES:

- THE PAVEMENT WEARING COURSE SHALL BE TYPE IV, THE LEVELING COURSE SHALL BE TYPE IV, ITEM 406.27, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER, ALL LIQUID ASPHALT USED IN MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE 58-34.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 /m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
- MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 5 mm +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm +/- OR AS DIRECTED BY THE 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 ENGINEER PRIOR TO ANY WORK BEING DONE.
MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED) OR AGGREGATE SHOULDERS (MOD).
- COLD PLANING SHALL BE COMPLETED ACCORDING TO TYPICAL 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 DRIVES, TOWN HIGHWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 210.10 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.27. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
- ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD). ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
- ONE METER OF BACKING IS REQUIRED BEHIND THE SURFACE OF GUARDRAIL WITH 1.8m POSTS, IF THIS CAN NOT BE OBTAINED THEN 2.4m POSTS SHALL BE USED.
- MARKER POSTS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE RESIDENT ENGINEER, ALL MARKER POSTS WILL BE USED TO MARK INLET AND OUTLET OF CROSS PIPES.
- 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 DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT.
- GRASS GROWING ADJACENT TO PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE, SHALL BE REMOVED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT PG 58-34.
- COMPACTING, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.12, AGGREGATE SHOULDER MATERIAL, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- AREAS ADJACENT TO THE SHOULDER, WHERE EXISTING GUARDRAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN, PAYMENT IS UNDER ITEM 203.99, SHOULDER BERM REMOVAL.
EXCESS MATERIAL IN NON-GUARDRAIL AREAS WILL BE REMOVED BY USING THE APPROPRIATE RENTAL ITEM, AS DIRECTED BY THE RESIDENT ENGINEER.
- ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL AND 608.37, TRUCK RENTAL HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL FLARES WITH EXCAVATED DITCHING MATERIAL. THE GUARD RAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.
- AREAS OF ENVIRONMENTAL SENSITIVITY HAVE BEEN IDENTIFIED ON THIS PROJECT. SPECIAL PRECAUTIONS ARE TO BE TAKEN BY THE CONTRACTOR IN THESE AREAS TO AVOID ANY ADVERSE ENVIRONMENTAL IMPACTS. THE RESIDENT ENGINEER WILL CONTACT CRAIG DIDIAMMARINO @ 802.828.3962 FOR ASSISTANCE IN IDENTIFYING THESE AREAS.
- SPOT LEVELING LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.

OVERLAY TYPICAL SECTION

NOT TO SCALE

HARTFORD	
STA 2+377 TO STA 11+175	
11+300 TO STA 12+643	
SHARON	
STA 0+000 TO STA 4+700	
STA 4+800 TO STA 8+050	
STA 8+670 TO STA 12+175	
ROYALTON	
STA 0+000 TO STA 3+670	
VT RTE 132	
STA 0+004 TO STA 0+365	

PROJECT PAVING LIMITS

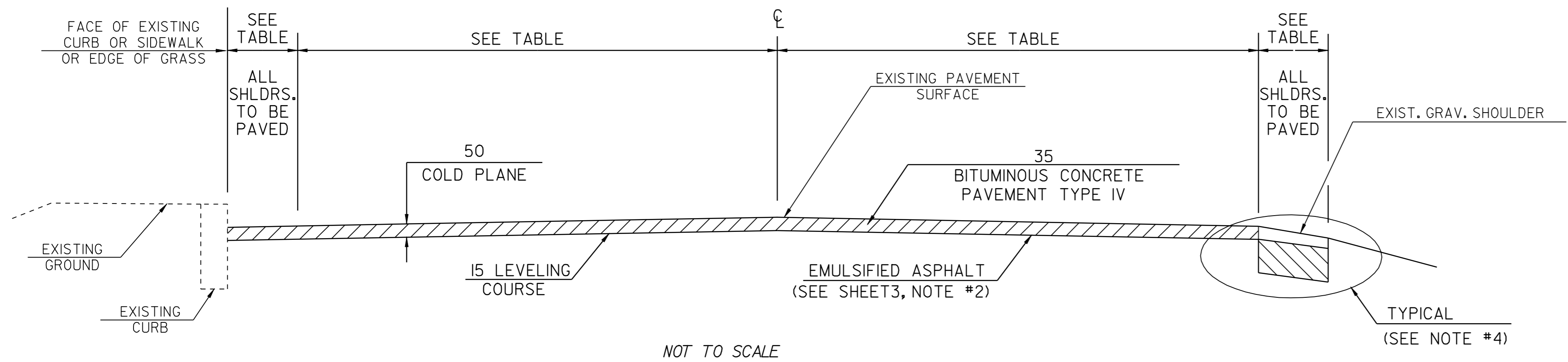
TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BINDER DEPTH (mm)	LEVELING DEPTH (mm)	LEVELING TOTAL(+)	NOTES	
VT ROUTE 14									
HARTFORD	2+377	2+489	1.6-3.3-3.3-1.6	35		15	40	LEVEL & OVERLAY	
	2+489	3+541	2.0-3.3-3.3-2.0	35		15	400	LEVEL & OVERLAY - BRIDGE #1-B and #2	
	3+541	3+860	2.6-3.3-3.3-2.6	35		15	135	LEVEL & OVERLAY	
	3+860	4+500	1.6-3.3-3.3-1.6	35		15	226	LEVEL & OVERLAY	
	4+500	5+000	1.1-3.3-3.3-1.1	35		15	158	LEVEL & OVERLAY - BRIDGE #3	
	5+000	6+000	1.7-3.3-3.3-1.7	35		15	360	LEVEL & OVERLAY	
	6+000	8+925	1.2-3.3-3.3-1.2	35		15	950	LEVEL & OVERLAY - BRIDGE #4 and #6	
	8+925	9+500	0.9-3.3-3.3-0.9	35		15	174	LEVEL & OVERLAY	
	9+500	10+500	0.6-3.3-3.3-0.6	35		15	280	LEVEL & OVERLAY - BRIDGE #7	
	10+500	11+175	1.2-3.3-3.3-1.2	35		15	162	LEVEL & OVERLAY	
		11+175	11+370	0.6-3.3-3.3-0.6	35		15	56	COLD PLANE 50, LEVEL & OVERLAY
		11+300	12+500	0.3-3.3-3.3-0.3	35		15	324	LEVEL & OVERLAY
	12+500	12+643	0.6-3.3-3.3-0.6	35		15	40	LEVEL & OVERLAY	
SHARON	0+000	4+700	0.6-3.3-3.3-0.6	35		15	1320	LEVEL & OVERLAY - BRIDGE # 10,11,12	
	4+700	4+800	0.6-3.3-3.3-0.6	35		15	28	COLD PLANE 50, LEVEL & OVERLAY	
	4+800	6+000	0.8-3.3-3.3-0.8	35		15	354	LEVEL & OVERLAY - BRIDGE #14	
	6+000	6+068	0.6-3.3-3.3-0.6	35		15	20	LEVEL & OVERLAY	
	6+068	6+310	1.6-3.3-3.3-1.6	35		15	85	LEVEL & OVERLAY	
	6+310	6+384	0.6-3.3-3.3-0.6	35		15	21	LEVEL & OVERLAY	
	6+384	6+430	3.4-3.3-3.3-3.4	35		15	22	LEVEL & OVERLAY	
	6+430	6+500	0.8-3.3-3.3-0.8	35		15	21	LEVEL & OVERLAY	
	6+500	7+000	1.1-3.3-3.3-1.1	35		15	158	LEVEL & OVERLAY - BRIDGE #15	
	7+000	8+000	0.6-3.3-3.3-0.6	35		15	281	LEVEL & OVERLAY	
	8+000	8+050	0.3-3.3-3.3-0.3	35		15	13	LEVEL & OVERLAY - BRIDGE #16	
	8+050	8+500	0.3-3.3-3.3-0.3	35		20	117	COLD PLANE 50, LEVEL & OVERLAY	
	8+500	8+670	2.6-3.3-3.3-2.6	35		15	72	COLD PLANE 50, LEVEL & OVERLAY	
	8+670	9+000	2.6-3.3-3.3-2.6	35		15	140	LEVEL & OVERLAY- BRIDGE #17	
	9+000	9+250	1.6-3.3-3.3-2.6	35		15	97	LEVEL & OVERLAY	
	9+250	9+500	1.6-3.3-3.3-1.6	35		15	88	LEVEL & OVERLAY	
	9+500	10+000	0.6-3.3-3.3-0.6	35		15	140	LEVEL & OVERLAY	
	10+000	11+000	0.3-3.3-3.3-0.3	35		15	259	LEVEL & OVERLAY - BRIDGE #18	
	11+000	11+500	0.6-3.3-3.3-0.6	35		15	140	LEVEL & OVERLAY	
	11+500	12+175	0.2-3.3-3.3-0.2	35		15	170	LEVEL & OVERLAY	
ROYALTON	0+000	1+500	0.2-3.3-3.3-0.2	35		15	378	LEVEL & OVERLAY - BRIDGE #19	
	1+500	3+550	0.3-3.3-3.3-0.3	35		15	531	LEVEL & OVERLAY - BRIDGE #20	
	3+550	3+670	0.6-3.3-3.3-0.6	35		15	34	LEVEL & OVERLAY	
	3+670	3+700	2.4-3.3-3.3-2.4	35		15	8	COLD PLANE 50, LEVEL & OVERLAY	
	3+700	3+812	VARIES SEE LAYOUT	35		15	76	COLD PLANE 50, LEVEL & OVERLAY	
VT RTE 132	0+004	0+023	0.8-3.6-3.6-0.8	35		15	6	COLD PLANE 25 LEVEL & OVERLAY	
	0+023	0+131	2.0-3.6-3.6-2.0	35		15	44	COLD PLANE 25 LEVEL & OVERLAY	
	0+131	0+198	VARIES SEE LAYOUT	35		15	33	COLD PLANE 25 LEVEL & OVERLAY	
	0+198	0+256	4.3-3.6-3.6-4.3	35		15	33	COLD PLANE 25 LEVEL & OVERLAY	
	0+256	0+365	3.8-3.6-3.6-3.8	35		15	58	COLD PLANE 25 LEVEL & OVERLAY	

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

PROJECT TYPICAL SHEET #1

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: <u>z:\pave\98c174\pci174.dgn</u>	PLOT DATE: 21-MAR-2007 0
IPARM FILE NAME: <u>pci174\y01.i</u>	SURVEYED BY: <u>CLD ENGINEERS INC</u>
SURVEYED BY: <u>CLD ENGINEERS INC</u>	SURVEY DATE: <u>8/99</u>
SQUAD LEADER: <u>WRH</u>	DRAWN BY: <u>REB</u>
	SHEET: <u>3</u> OF <u>64</u>

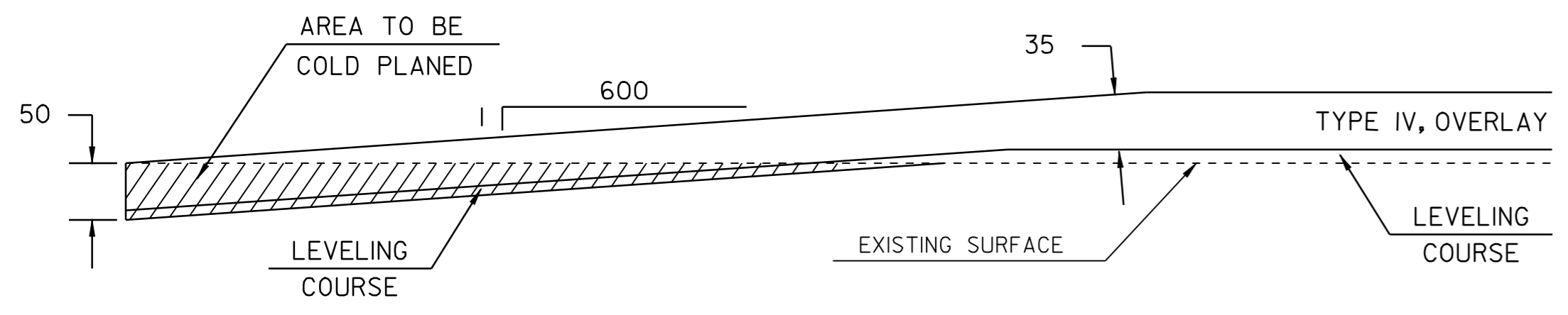
DATUM _____
VERTICAL _____
HORIZONTAL _____



COLD PLANE TYPICAL SECTION

NOT TO SCALE

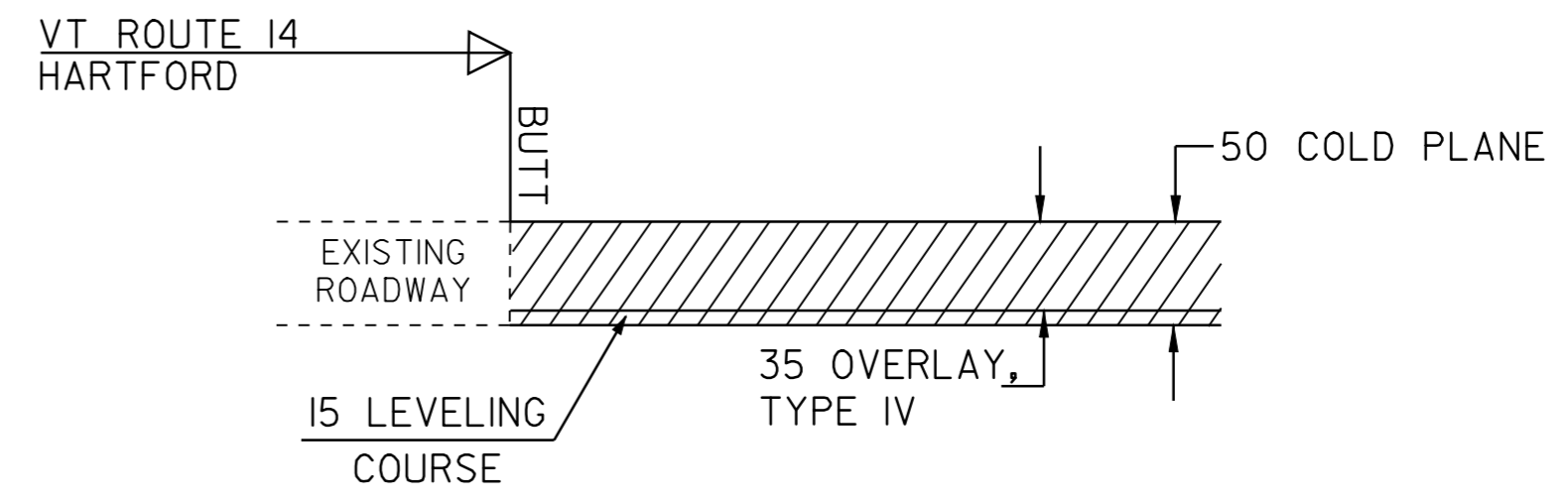
HARTFORD			
STA 11+175	TO	11+300	
SHARON			
STA 4+700	TO	4+800	
STA 8+025	TO	8+670	
ROYALTON			
STA 3+670	TO	3+812	



TRANSITION AREA DETAIL

LOCATION

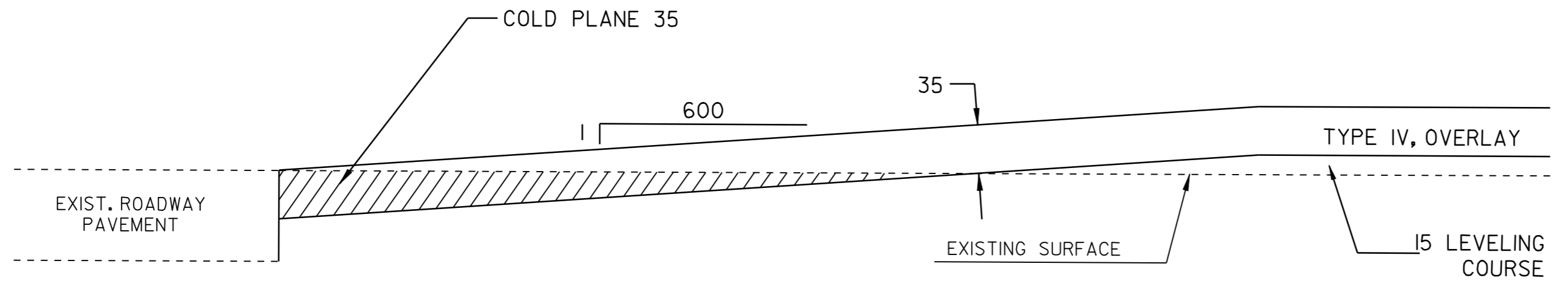
HARTFORD	
STA 11+175	- END OVERLAY, BEGIN COLD PLANE
STA 11+300	- END COLD PLANE, BEGIN OVERLAY
SHARON	
STA 4+700	END OVERLAY, BEGIN COLD PLANE
STA 4+800	END COLD PLANE, BEGIN OVERLAY
STA 8+050	END OVERLAY, BEGIN COLD PLANE
STA 8+670	END COLD PLANE, BEGIN OVERLAY
ROYALTON	
STA 3+670	END OVERLAY, BEGIN COLD PLANE



APPROACH AREA DETAIL

LOCATION

ROYALTON	
STA 3+812	END COLD PLANE



APPROACH AREA DETAIL

HARTFORD	
STA 2+377	- BEGIN OVERLAY
VT RTE 132	
STA 0+004	- BEGIN OVERLAY
STA 0+365	- END OVERLAY

RURAL AREA - SEED MIXTURE

% MASS	kg/ha	NAME	PUR %	GERM %
37.50	26	CREEPING RED FESCUE	98	85
37.50	26	TALL FESCUE	95	90
5.00	4	RED TOP	95	90
15.00	10	BIRDSFOOT TREFOIL	98	85
5.00	4	ANNUAL RYE GRASS	95	85
100.00	70			

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

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

FERTILIZER:
FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

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

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

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


NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

PROJECT TYPICAL SHEET #2

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	
IPARM FILE NAME: _pcl74t+y02.1	PLOT DATE: 21-MAR-2007
SURVEYED BY: _CLD_ENGINEERS_INC	SURVEY DATE: _8/99
SQUAD LEADER: _WRH	DRAWN BY: _REB
	SHEET: 4 OF 64


DATUM	
VERTICAL	
HORIZONTAL	

NOT TO SCALE

LOCATION			CURBED SIDEWALKS					DROP INLETS				GUARDRAIL							MISC.			REMARKS			
STATION	STATION	POS.	203.15 COMM. EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.21 VERTICAL GRANITE CURB	618.10 PORT. CEM. CONC. SDWK. 125 mm	604.40 CHANGE ELEV. D.I.	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.418 REHAB. D.I. CLASS III	616.35 TIMBER CURB	621.20 STEEL BEAM G.R.	621.20 S.B. G.R. (2.4 m POST) (MOD)	621.21 H.D. BEAM G.R.	621.505 MTS (TAN.)	621.505 MTS (FLARED)	621.60 ANCHOR FOR G.R.	621.75 REMOVE & RESET G.R.	621.80 REMOVE & DISP. G.R.	621.81 REMOVE & DISP. G.P.	601.0005 300 mm CSP 1.7 mm (68 mm x 12mm) m			617.10 RELOCATE MAILBOX, SINGLE SUPPORT EA	617.12 RELOCATE MAILBOX, MULTIPLE SUPPORT EA
HARTFORD			m3	+	m	m2	EA 10	EA 13	EA	EA	m	m	m	m	EA	EA	EA	m	m	EA		EA	EA		FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER
2+377	I2+643	RT<		4285																					SUBBASE FOR SHOULDERS
2+359	2+533	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 2+370 & 2+522. RETAIN EXIST. SBGR
2+552	3+411	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 2+563 & 3+400. RETAIN EXIST. SBGR
3+517	3+551	RT										22				2			22						MTS @ 3+528, & 3+540
3+518	3+577	LT										37				2			44						MTS @ 3+529 & 3+562
3+671	4+341	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 3+682 & 4+330. RETAIN EXIST. SBGR
4+376	4+661	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 4+387 & 4+650. RETAIN EXIST. SBGR
6+185		LT																							
6+345	6+816	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 6+345 & 6+816. RETAIN EXIST. SBGR
7+089	7+947	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 7+100 & 7+936. RETAIN EXIST. SBGR
8+044	8+093	LT										27				2			39						MTS @ 8+055 & 8+082
8+067	8+093	RT										15				1	1		26						INSTALL 1-5m RADIUS PANEL W/ ANCHOR @ 8+067; MTS @ 8+092
8+922	9+727	LT										77				2			22						REMOVE EXIST. MELT @ 8+922 REPLACE WITH MTS; REMOVE MELT @ 9+658; RETAIN AND EXTEND EXISTING SBGR TO 9+716; MTS @ 9+716
9+645	9+675	RT										19				1	2		27						BURIED END SECTION W/ 2 ANCHORS @ 9+645; MTS @ 9+664
9+851	10+450	LT										272				1	1		22	12					REMOVE EXIST. END SECTION @ 9+851, REPLACE W/ MTS; RETAIN EXIST. RAIL STA 9+862-10+189 NEW RAIL STA 10+189 ~ 10+450; 1-5m RADIUS PANEL W/ ANCHOR @ 10+450
9+923		RT																		1					
10+081	10+153	RT										50				2			70						MTS @ 10+092 & 10+142
10+685	10+950	LT													1	1			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS(TAN.) @ 10+700; MTS (FLARED) 10+939. RETAIN EXISTING SBGR
10+770	10+792	RT										11				1	1		22						REMOVE EXISTING END TREATMENT, REPLACE W/ NEW MTS @ 10+781. RETAIN EXIST. SBGR. INSTALL 1- 5m RADIUS PANEL W/ ANCHOR @ 10+792
11+308	11+330	LT										11				1	1		22						1-5m RADIUS PANEL W/ANCHOR @ 11+308; MTS @ 11+319
11+311	11+322	RT										11				2			11						1-5m RADIUS PANEL W/ANCHOR @ 11+311 & 11+322
11+571		RT																		1					
11+591		RT																		2					
11+648	11+697	LT										38					1	1	11						1-5m RADIUS PANEL W/ANCHOR @ 11+648; MTS(TAN.) @ 11+686
11+658	11+673	RT										15						3	10						1-5m RADIUS PANEL W/ANCHOR @ 11+658; 2-5m RADIUS PANELS W/ 2 ANCHORS @ 11+673
11+794	12+425	LT										303				1	1		114						REMOVE EXISTING END TREATMENT, REPLACE W/ NEW MTS(TAN.) @ 11+809; RETAIN EXIST. SBGR STA 11+805 ~12+081; INSTALL NEW SBGR STA 12+081 ~ 12+342; RETAIN SBGR STA 12+342 ~ 12+414; REMOVE EXISTING END TREATMENT, REPLACE W/ NEW MTS(FLARED) @ 12+414
12+020	12+050	RT										30							2						1-5m RADIUS PANEL W/ ANCHOR @ 12+020 & 12+050
12+117	12+140	RT										23							2		4				1-5m RADIUS PANEL W/ ANCHOR @ 12+117 & 12+140
12+478	12+497	LT										19							2						1-5m RADIUS PANEL W/ ANCHOR @ 12+478 & 12+197
12+478	12+497	RT										19							2						1-5m RADIUS PANEL W/ ANCHOR @ 12+478 & 12+197
SHARON																									
0+000	12+175	LT&RT					15	4																	FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER
0+000	12+175	LT&RT		2777																					SUBBASE FOR SHOULDERS
0+035	0+194	LT										118	19			2									MTS @ 0+046 & 0+185; 2.4m posts 0+150 ~ 0+169
0+393	0+544	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 0+404 & 0+533; RETAIN EXIST. SBGR
0+506	0+521	RT										15							2						1-5m RADIUS PANEL @ 0+506 & 0+521
SHEET 8 TOTALS				7062			25	17				1109	72		3	35	21		638	16		4		1	


**ITEM
DETAIL
SHEET 1**

PROJECT : HARTFORD - ROYALTON PROJECT NO. : STP 212(K)S
DESIGN FILE NAME: _/pave/98cl74/pcl74.dgn PLOT DATE: 21-MAR-2007 0
IPARM FILE NAME: _pcl74id01 SURVEY DATE: 8/99
SURVEYED BY: _CLD ENGINEERS INC DRAWN BY: _REB
SQUAD LEADER: _WRH SHEET: 8 OF 64

LOCATION			CURBED SIDEWALKS					DROP INLETS				GUARDRAIL							MISC.			REMARKS				
STATION	STATION	POS.	203.15 COMM. EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.21 VERTICAL GRANITE CURB	618.10 PORT. CEM. CONC. SDWK 125 mm	604.40 CHANGE ELEV. D.I.	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.418 REHAB. D.I. CLASS III	616.35 TIMBER CURB	621.20 STEEL BEAM G.R.	621.20 S.B. G.R. (2.4 m POST) (MOD)	621.21 H.D. BEAM G.R.	621.505 MTS (TAN.)	621.505 MTS (FLARED)	621.60 ANCHOR FOR G.R.	621.75 REMOVE & RESET G.R.	621.80 REMOVE & DISP. G.R.	621.81 REMOVE & DISP. G.P.	601.0005 300 mm CSP 1.7 mm (68 mm x 12mm) m			617.10 RELOCATE MAILBOX, SINGLE SUPPORT	617.12 RELOCATE MAILBOX, MULTIPLE SUPPORT	
0+583	1+261	LT	m3	+	m	m2	EA	EA	EA	EA	m	m	m	m	EA	EA	EA	m	m	EA	300 mm CSP 1.7 mm (68 mm x 12mm) m	EA	EA	REMOVE EXISTING END TREATMENT, REPLACE W/ NEW MTS @ 0+594; RETAIN EXIST. SBGR 0+594 ~ 0+700; R & R G.RAIL 0+700 ~ 0+978; 2.4m POSTS 0+978 ~ 1+016; SBGR 1+016 ~ 1+249; MTS @ 1+249		
1+548		LT																								
1+750	1+808	LT										36				2									REMOVE EXISTING END TREATMENT, REPLACE W/ NEW MTS @ 1+761 & 1+797	
1+745	1+824	RT														2			22						REMOVE EXISTING END TREATMENT, REPLACE W/ NEW MTS @ 1+756 & 1+813; RETAIN EXIST SBGR	
1+925	2+295	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 1+936 & 2+284; RETAIN EXIST SBGR	
2+059		RT																					1			
2+105		RT																						1		
2+124	2+135	RT										11					2				15				1-5m RADIUS PANEL W/ ANCHOR @ 2+124 & 2+135; PIPE FROM 2+118 ~ 2+133	
3+005		LT																						2		
3+150		LT																							1	
3+524	3+575	LT										29				2			51						MTS @ 3+535 & 3+565	
3+609	3+639	LT										8				2			30						MTS @ 3+620 & 3+628	
3+609	3+639	RT										8				2			30						MTS @ 3+620 & 3+628	
4+686		LT																							1	
5+092	5+535	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 5+103 & 5+524; RETAIN EXIST SBGR	
5+110	5+330	RT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 5+121 & 5+319; RETAIN EXIST SBGR	
5+482	5+523	RT										30				1	2		17						MTS @ 5+493; ANCHOR @ 5+510--BURY RAIL IN BACKSLOPE @ 5+523	
5+755	5+801	LT										24				2			46						MTS @ 5+766 & 5+790	
6+212	6+334	LT										111				2			122						MTS @ 6+223 & 6+323	
6+380	6+527	LT									132	125				2			147						MTS @ 6+391 & 6+516; TTC 6+384 ~ 6+516	
6+685	6+912	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 6+696 & 6+912; RETAIN EXIST SBGR	
7+486		RT																							1	
7+545		RT																							1	
7+782	7+812	LT										30					2		20						1-5m READIUS PANEL @ 7+782 & 7+812	
7+782	7+812	RT										30					2		28						1-5m READIUS PANEL @ 7+782 & 7+812	
7+860	7+975	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ NEW MTS @ 7+871 & 7+964; RETAIN EXIST SBGR	
8+410	8+500	LT										90				1	2		66						MTS @ 8+421; BURY RAIL IN BACKSLOPE @ 8+500 W/ 2 ANCHORS	
8+573	8+609	LT										36					2		36		20				BURIED END SECTION W/ 2 ANCHORS @ 8+573; CONNECT TO BRIDGE RAIL @ 8+609	
8+617	8+631	LT										14					1		14						ATTACH SBGR TO BRIDGE RAIL @ 8+617; 1-5m RADIUS PANEL W/ ANCHOR @ 8+631	
8+671	8+781	RT									23	88				2			110						MTS @ 8+682 & 8+770	
8+752	9+226	LT										414	38		1	1			382						MTS (FLARED) @ 8+763 & MTS(TAN.)9+215	
9+550	10+550	LT										98	880			2			215						MTS @ 9+561; R & D GUARDRAIL 9+924 ~ 10+034; MTS @ 10+539	
9+770		RT																							1	
10+594	10+624	RT										30					2		27						ANCHOR @ 10+594 & 10+624; INSTALL 1-5m PANEL @ EACH, SPAN BR. #18	
10+583	10+605	LT										4		4		1			27						MTS @ 10+594; APPR. RAIL SCH 110+598 ~ 10+605--BR. 18	
10+609	10+631	LT										4		4		1										APPR. RAIL SCH. 110+609 ~ 10+616; MTS @ 10+620--BR. 18
10+827	10+957	LT										108				2										MTS @ 10+838 & 10+946
11+107	11+213	LT														2			22						REMOVE EXISTING END TREATMENTS, REPLACE W/ MTS @ 11+118 & 11+202; RETAIN EXIST. SBGR	
11+464	11+646	LT											160			2			141						MTS @ 11+475 & 11+635	
SHEET 9 TOTALS											155	1525	1124	8	1	43	15	270	1952	4	35	3	3			

**ITEM
DETAIL
SHEET 2**

PROJECT : HARTFORD - ROYALTON PROJECT NO. : STP 212(K)S
DESIGN FILE NAME: \pave\98cl74\pcl74.dgn PLOT DATE: 21-MAR-2007 0
IPARM FILE NAME: _pcl74id01_ SURVEY DATE: 8/99
SURVEYED BY: _CLD ENGINEERS INC_ DRAWN BY: _REB_
SQUAD LEADER: _WRH_ SHEET: 9 OF 64

LOCATION			CURBED SIDEWALKS					DROP INLETS				GUARDRAIL							MISC.			REMARKS			
STATION	STATION	POS.	203.15 COMM. EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.21 VERTICAL GRANITE CURB	618.10 PORT. CEM. CONC. SDWK. 125 mm	604.40 CHANGE ELEV. D.I.	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.418 REHAB. D.I. CLASS III	616.35 TIMBER CURB	621.20 STEEL BEAM G.R.	621.20 S.B. G.R. (2.4 m POST) (MOD)	621.21 H.D. BEAM G.R.	621.505 MTS (TAN.)	621.505 MTS (FLARED)	621.60 ANCHOR FOR G.R.	621.75 REMOVE & RESET G.R.	621.80 REMOVE & DISP. G.R.	621.81 REMOVE & DISP. G.P.	601.0005 300 mm CSP 1.7 mm (68 mm x 12mm) m			617.10 RELOCATE MAILBOX, SINGLE SUPPORT	617.12 RELOCATE MAILBOX, MULTIPLE SUPPORT
ROYALTON			m3	+	m	m2	EA	EA	EA	EA	m	m	m	m	EA	EA	EA	m	m	EA	m	EA	EA		
0+000	3+700	RT<		407																				SUBBASE FOR SHOULDERS	
0+663	0+883	LT										148			1	1			159						MTS(TAN.) @ 0+678; MTS(FLARED) @ 0+822
1+173	1+210	RT										15				2			28						MTS @ 1+184 & 1+199
1+176	1+206	LT										8				2			37						MTS @ 1+182 & 1+195
1+287	1+510	LT											201			2									MTS @ 1+315 & 1+499
2+304	2+361	LT										35				2			29						MTS @ 2+304 & 2+350
2+579	3+461	LT										860				2									MTS @ 2+590 & 3+450
3+671	3+732	LT										61					2		61						ANCHOR @ 3+671 & 3+732
VT RTE 132																									
0+004	0+365	RT<					3																		FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER
0+004	0+365	RT<		218																					SUBBASE FOR SHOULDERS
SHEET 8 TOTALS				7062			25	17			132	1109	72		3	35	21		638	16	4		1		
SHEET 9 TOTALS											23	1525	1124	8	1	43	15	270	1952	4	35	3	3		
SHEET 10 TOTALS				625			3				1127	201			1	11	2		314						
SUBTOTALS				7687			28	17			155	3761	1397	8	5	89	38	270	2904	20	39	3	4		
ROUNDING				83			-	-			5	9	3		-	-	-	-	6	-	1	-	-		
PROJECT TOTALS				7770			28	17			160	3790	1400	8	5	89	38	270	2910	20	40	3	4		

**ITEM
DETAIL
SHEET 3**

PROJECT :	HARTFORD - ROYALTON	PROJECT NO. :	STP 212(K)S
DESIGN FILE NAME:	z:pave/98cl74/pci74.dgn	PLOT DATE:	21-MAR-2007 0
IPARM FILE NAME:	pci74id01	SURVEY DATE:	8/99
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	REB
SQUAD LEADER:	WRH	SHEET:	10 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
STA 2+377 TO 2+850 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
STA 2+377 TO 2+850 SOLID LT & RT

CHANGING ELEV. OF DI, CB OR MH
REHABILITATION OF DI, CB OR MH
STA 2+392 RT - TMH
STA 2+765 RT - DI

SHOULDER BERM REMOVAL

STA 2+370 TO 2+522 LT
STA 2+563 TO 2+850 LT

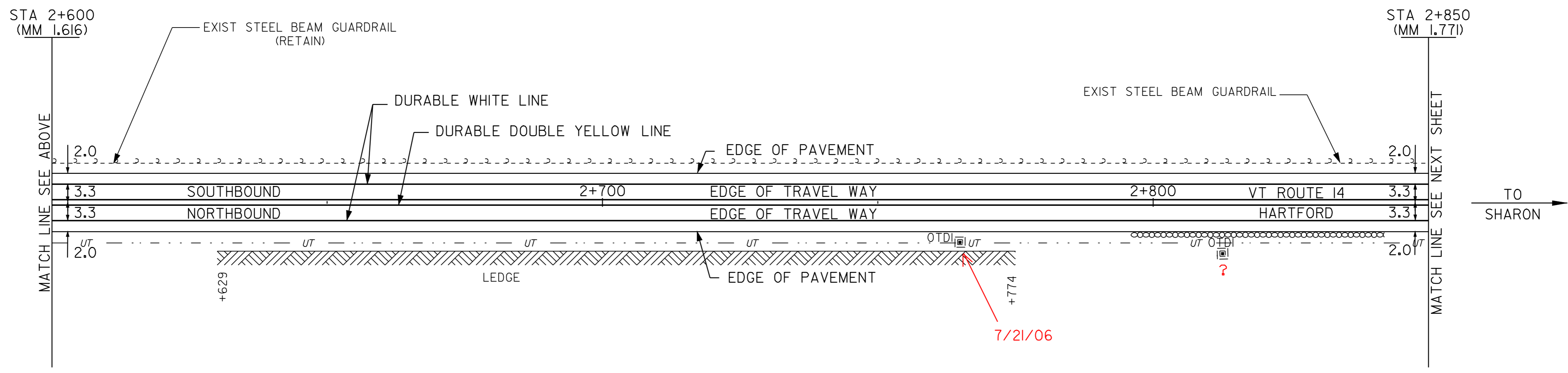
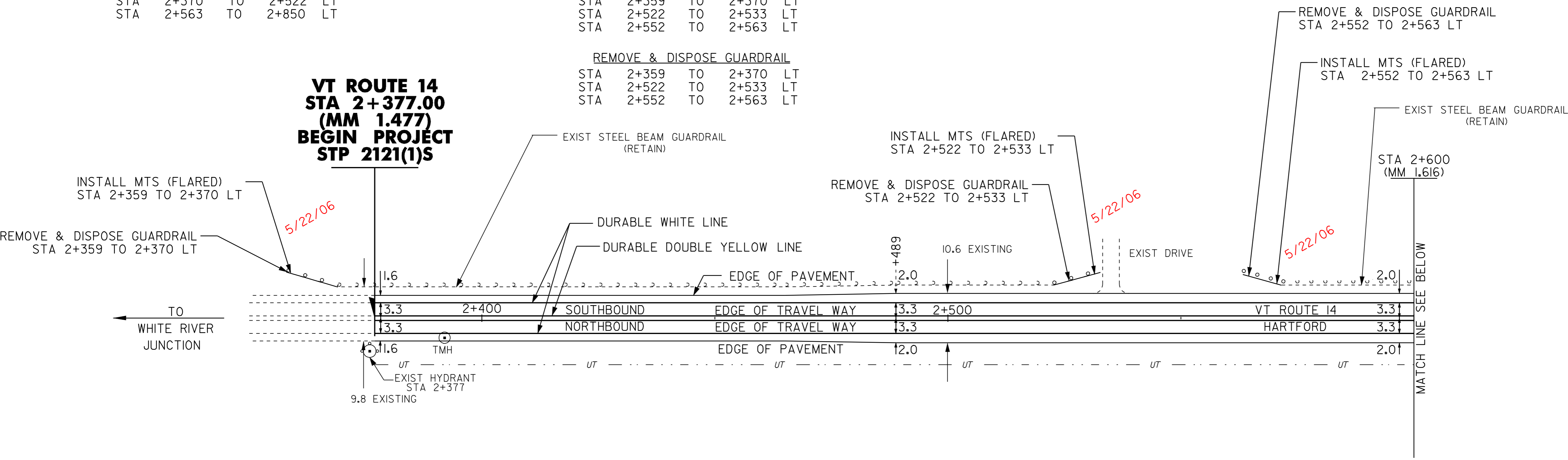
MANUFACTURED TERMINAL SECTION (FLARED)

STA 2+359 TO 2+370 LT
STA 2+522 TO 2+533 LT
STA 2+552 TO 2+563 LT

REMOVE & DISPOSE GUARDRAIL

STA 2+359 TO 2+370 LT
STA 2+522 TO 2+533 LT
STA 2+552 TO 2+563 LT

**VT ROUTE 14
STA 2+377.00
(MM 1.477)
BEGIN PROJECT
STP 2121(1)S**



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #1

PROJECT: HARTFORD - ROYALTON	PROJECT NO. : STP 2121(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: _pcl7401.d	SURVEY DATE: 8/99
SURVEYED BY: _CLD_ENGINEERS_INC	DRAWN BY: _REB
SQUAD LEADER: _WRH	SHEET: 11 OF 64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 2+850 TO 2+882 SOLID LT & RT
 STA 2+888 DOUBLE SOLID RT (TH #28)
 STA 2+894 TO 3+348 SOLID LT & RT
 STA 3+345 DOUBLE SOLID RT (TH #11)
 STA 3+360 TO 3+364 SOLID LT & RT
 STA 3+364 TO 3+450 SOLID LT DASHED RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 2+850 TO 3+450 SOLID LT
 STA 2+850 TO 2+876 SOLID RT
 STA 2+900 TO 3+333 SOLID RT
 STA 3+370 TO 3+450 SOLID RT

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 2+888 RT - "STOP" (TH #28)
 STA 3+345 RT - "STOP" (TH #11)

REMOVING SIGNS
 AS SHOWN - 6

ERECTING SALVAGED SIGNS
 AS SHOWN - 1

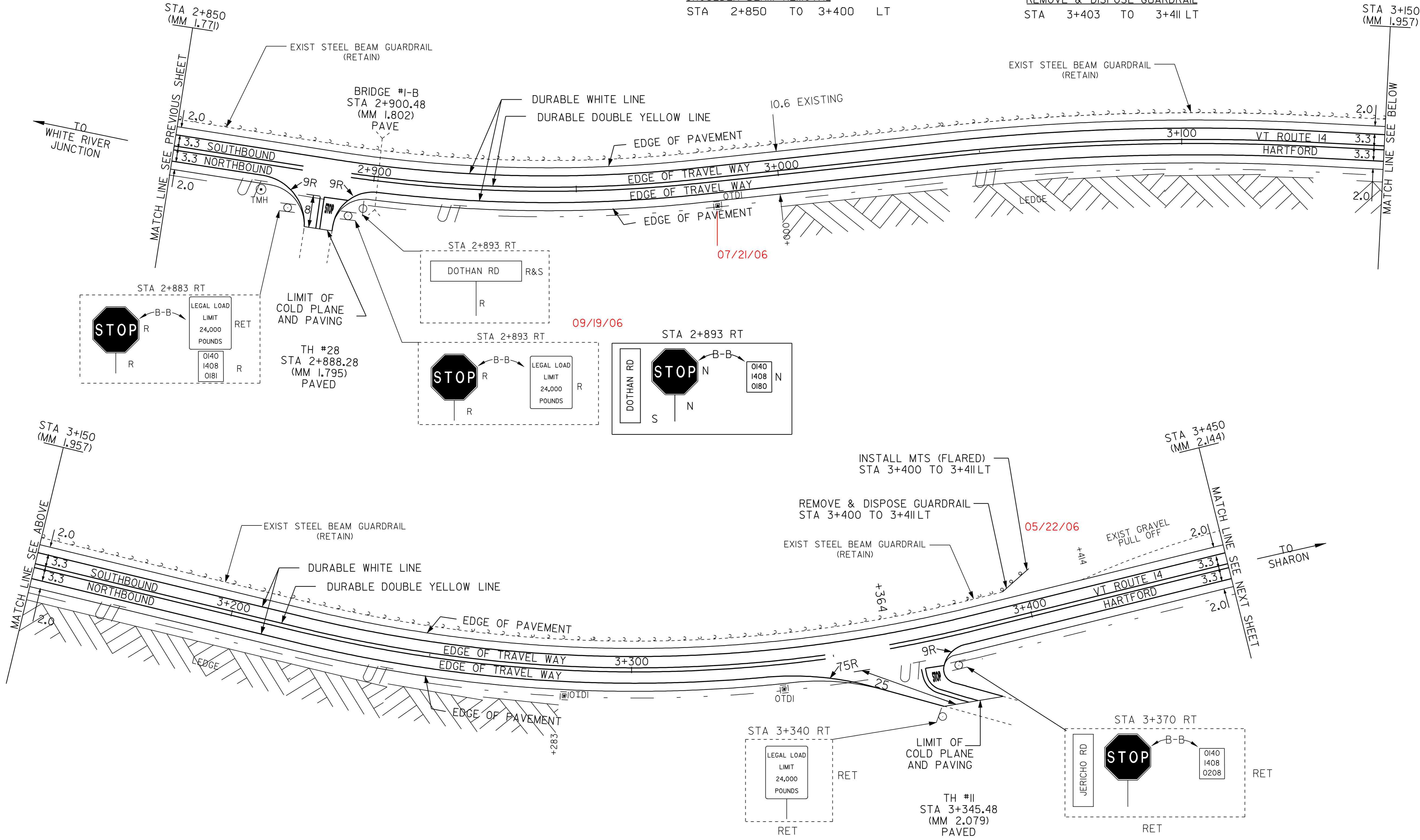
TEMPORARY AND DURABLE 600 mm STOP BAR
 STA 2+888 RT (TH #28)
 STA 3+345 RT (TH #11)

REHABILITATION OF DI, CB OR MH
 STA 2+984 RT OTDI
 STA 3+337 RT OTDI

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 3+403 TO 3+411 LT

SHOULDER BERM REMOVAL
 STA 2+850 TO 3+400 LT

REMOVE & DISPOSE GUARDRAIL
 STA 3+403 TO 3+411 LT



09/19/06

07/21/06

05/22/06

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #2	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i02.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 12 OF 64	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 MM YELLOW LINE
 STA 3+450 TO 3+541 SOLID LT, DASHED RT
 STA 3+541 TO 3+573 DASHED
 STA 3+573 TO 3+798 DASHED LT, SOLID RT
 STA 3+798 TO 4+050 SOLID LT & RT

STEEL BEAM GUARDRAIL 41
 STA 3+528 TO 3+551 RT
 STA 3+529 TO 3+566 LT
 23 50

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 3+517 TO 3+528 RT
 STA 3+518 12 TO 3+529 23 LT
 STA 3+540 TO 3+551 RT
 STA 3+562 50 TO 3+573 61 LT
 STA 3+671 TO 3+682 LT

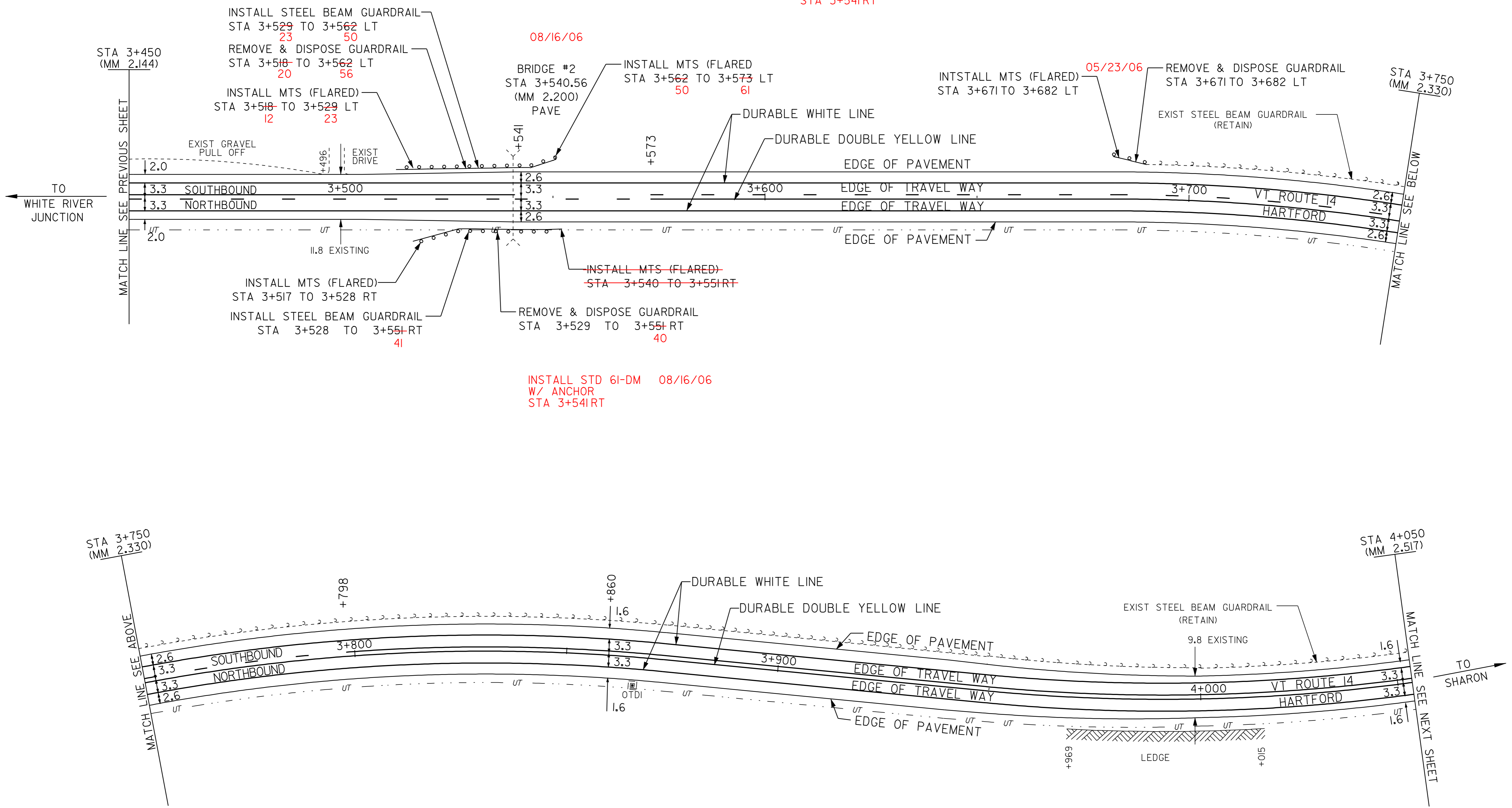
CHANGING ELEV. OF DI, CB OR MH REHABILITATION OF DI, CB OR MH
 STA 3+866 RT OTDI

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 3+450 TO 4+050 SOLID LT & RT

REMOVAL & DISP. OF GUARDRAIL 56
 STA 3+518 TO 3+562 LT
 STA 3+529 TO 3+551 RT 40
 STA 3+671 TO 3+682 LT

ANCHOR
 STA 3+541 RT

SHOULDER BERM REMOVAL
 STA 3+682 TO 4+050 LT



INSTALL STD 6I-DM 08/16/06
W/ ANCHOR
STA 3+541 RT

STA 3+750 (MM 2.330)

STA 4+050 (MM 2.517)

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #3	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i03.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 13 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 4+050 TO 4+650 SOLID LT & RT
 TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 4+050 TO 4+650 SOLID LT & RT

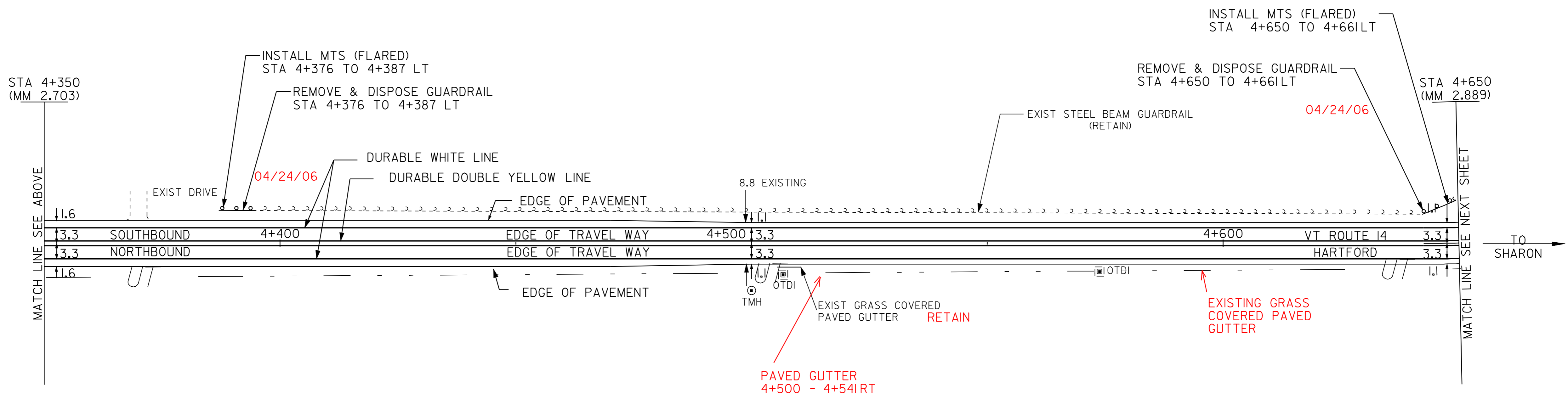
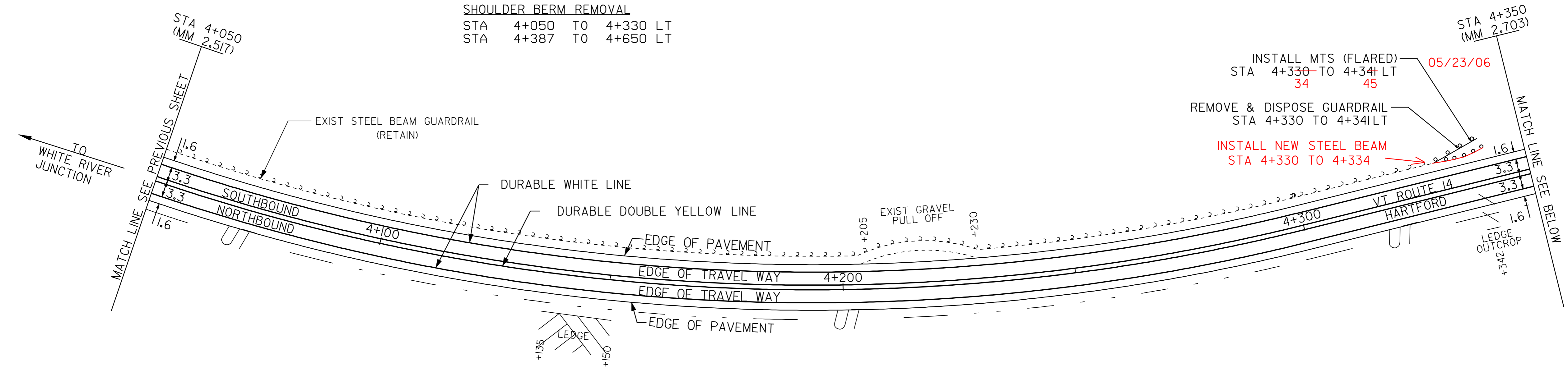
CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH
 STA 4+507 RT OTDI
 STA 4+574 RT OTDI

REMOVE & DISPOSE GUARDRAIL
 STA 4+330 TO 4+341 LT
 STA 4+376 TO 4+387 LT
 STA 4+650 TO 4+661 LT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 4+330 TO 4+341 LT
 STA 4+376 TO 4+387 LT
 STA 4+650 TO 4+661 LT

BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND
 STA 4+507-0 TO 4+512-41 RT

SHOULDER BERM REMOVAL
 STA 4+050 TO 4+330 LT
 STA 4+387 TO 4+650 LT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

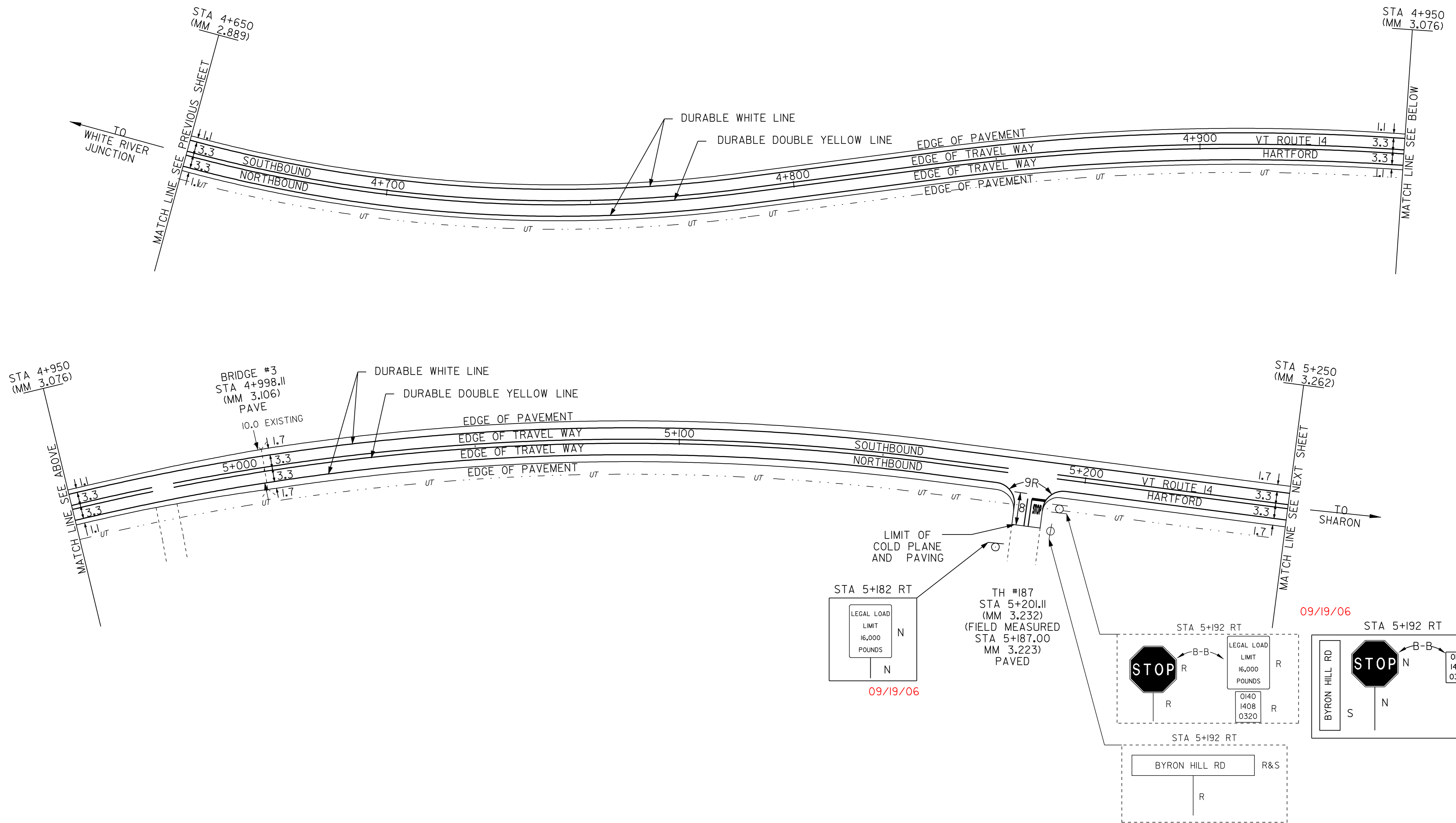
PAVING PROJECT LAYOUT #4	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i04.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 14 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 4+650 TO 4+969 SOLID LT & RT
 STA 4+981 TO 5+181 SOLID LT & RT
 STA 5+187 DOUBLE SOLID RT (TH #187)
 STA 5+193 TO 5+250 SOLID LT & RT

TEMPORARY AND DURABLE 100 MM WHITE LINE
 STA 4+650 TO 5+250 SOLID LT
 STA 4+650 TO 5+175 SOLID RT
 STA 5+199 TO 5+250 SOLID RT

TEMPORARY AND DURABLE 600 mm STOP BAR
 STA 5+187 RT (TH #187)
 TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 5+187 RT - "STOP" (TH #187)

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



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - ⊕ = NEW RAIL
 - ⊖ = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

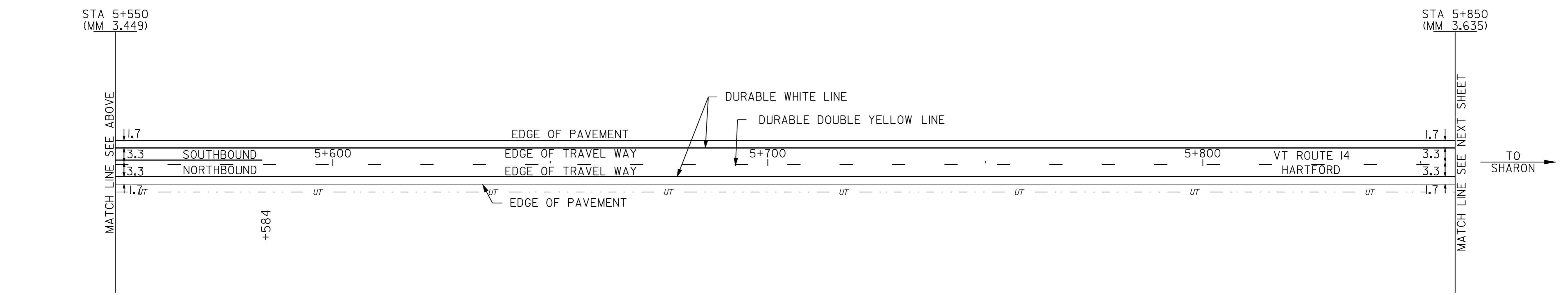
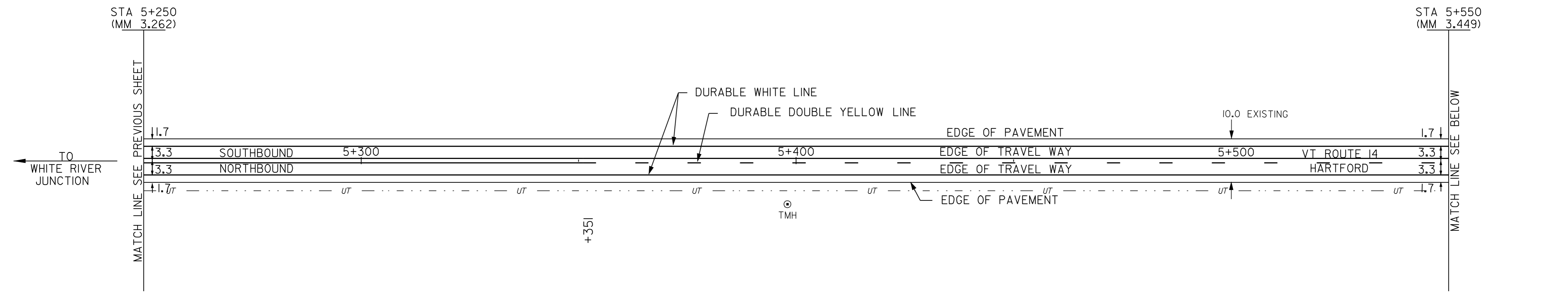
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT #5	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: <u>_/pave/98ci74/pol74.dgn</u>	PLOT DATE: <u>21-MAR-2007</u>
	IPARM FILE NAME: <u>_pol74i05.l</u>	SURVEY DATE: <u>8/99</u>
	SURVEYED BY: <u>CLD_ENGINEERS_INC</u>	DRAWN BY: <u>REB</u>
SQUAD LEADER: <u>WRH</u>	SHEET: <u>15</u> OF <u>64</u>	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 5+250 TO 5+351 SOLID LT & RT
 STA 5+351 TO 5+584 SOLID LT, DASHED RT
 STA 5+584 TO 5+850 DASHED

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 5+250 TO 5+850 SOLID LT & RT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #6	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	
	IPARM FILE NAME: _pcl74i06.j	PLOT DATE: 21-MAR-2007
	SURVEYED BY: _CLD_ENGINEERS_INC	SURVEY DATE: 8/99
SQUAD LEADER: _WRH	DRAWN BY: _REB	SHEET: 16 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 5+850	TO	5+858	DASHED
STA 5+858	TO	6+019	DASHED LT, SOLID RT
STA 6+019	TO	6+180	SOLID LT & RT
STA 6+186	TO	6+192	DOUBLE SOLID RT (TH #22)
STA 6+192	TO	6+325	SOLID LT & RT
STA 6+325	TO	6+450	SOLID LT, DASHED RT

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 5+850	TO	6+450	SOLID LT
STA 5+850	TO	6+174	SOLID RT
STA 6+198	TO	6+450	SOLID RT

TEMPORARY AND DURABLE 600 mm STOP BAR

STA 6+186	RT (TH #22)
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TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 6+186	RT - "STOP" (TH #22)
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BITUMINOUS CONCRETE GUTTER AND TRAFFIC ISLAND

STA 6+180	TO	6+260	RT
65		67	

REHABILITATION OF DI, CB OR MH

STA 6+258	RT OTDI
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SHOULDER BERM REMOVAL

STA 6+356	TO	6+450	LT
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RELOCATE MAILBOX - SINGLE SUPPORT

STA 6+185	LT - 2 EACH
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REMOVING SIGNS

AS SHOWN	- 4
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ERECTING SALVAGED SIGNS

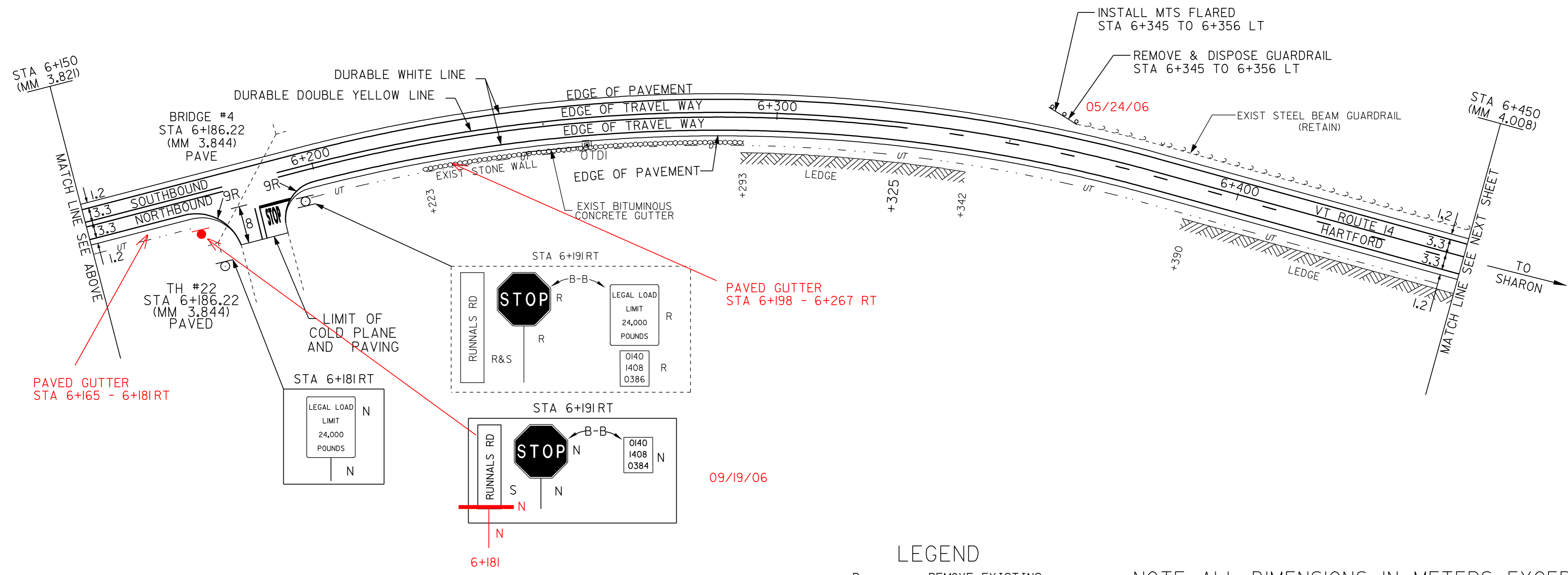
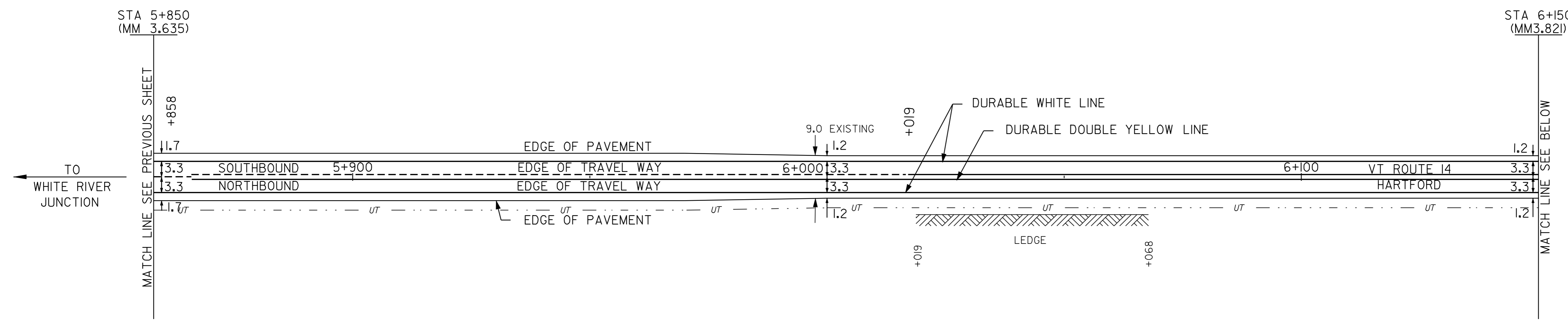
AS SHOWN	- 1
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MANUFACTURED TERMINAL SECTION (FLARED)

STA 6+345	TO	6+356	LT
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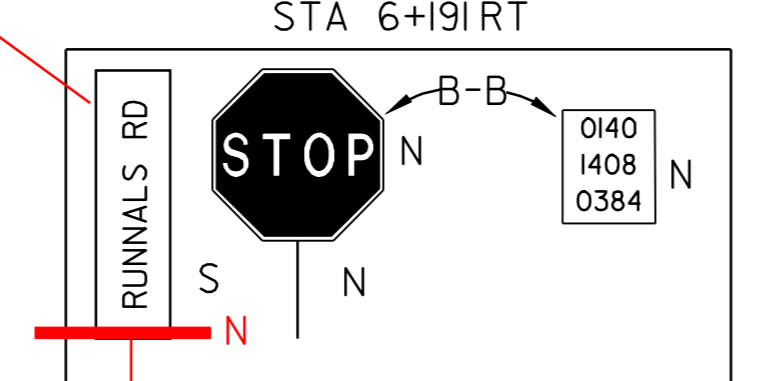
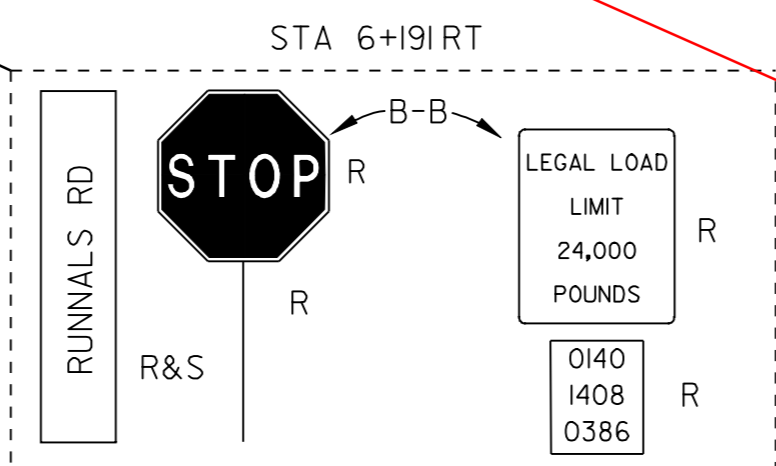
REMOVE & DISPOSE GUARDRAIL

STA 6+345	TO	6+356	LT
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PAVED GUTTER
STA 6+198 - 6+267 RT

PAVED GUTTER
STA 6+165 - 6+181RT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #7	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: _pcl74i07.i	SURVEY DATE: 8/99
	SURVEYED BY: _CLD_ENGINEERS_INC	DRAWN BY: _REB_
SQUAD LEADER: _WRH_	SHEET: 17 OF 64	

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

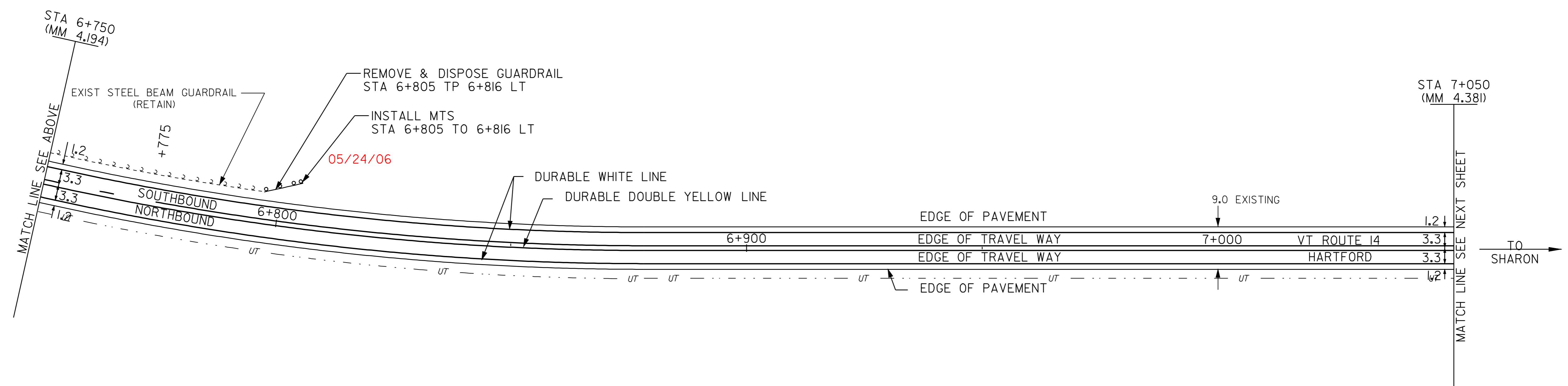
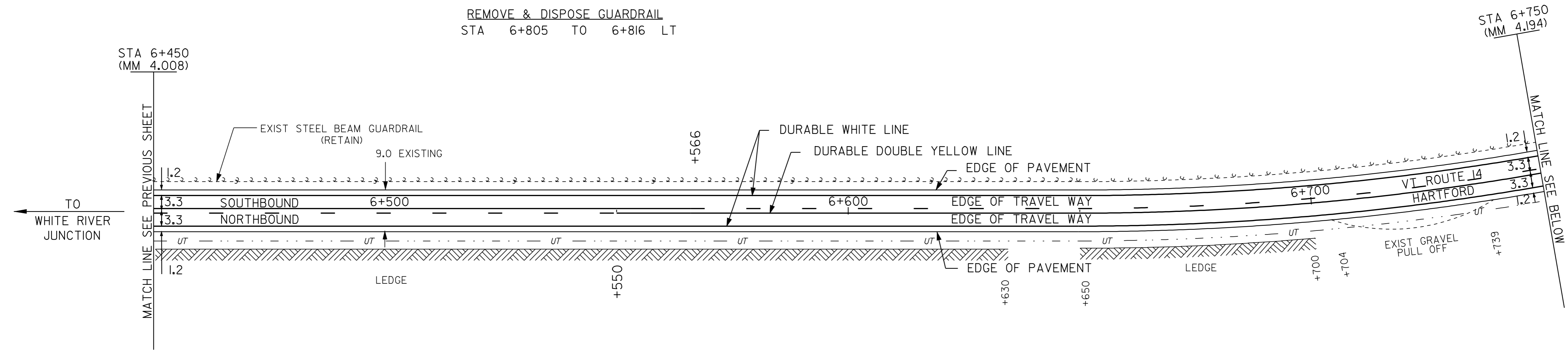
TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 6+450 TO 6+550 SOLID LT, DASHED RT
 STA 6+550 TO 6+566 SOLID LT & RT
 STA 6+566 TO 6+775 DASHED LT, SOLID RT
 STA 6+775 TO 7+050 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 6+450 TO 7+050 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 6+450 TO 6+805 LT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 6+805 TO 6+816 LT

REMOVE & DISPOSE GUARDRAIL
 STA 6+805 TO 6+816 LT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #8	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(K)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: _pcl74i08.i	SURVEY DATE: 8/99
	SURVEYED BY: _CLD_ENGINEERS_INC	DRAWN BY: _REB_
SQUAD LEADER: _WRH_	SHEET: 18 OF 64	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 7+050 TO 7+650 SOLID LT & RT

CHANGING ELEV. OF DI, CB OR MH

REHABILITATION OF DI, CB OR MH

STA 7+061 RT OTDI

STA 7+161 RT OTDI

SHOULDER BERM REMOVAL

STA 7+100 TO 7+650 LT

MANUFACTURED TERMINAL SECTION (FLARED)

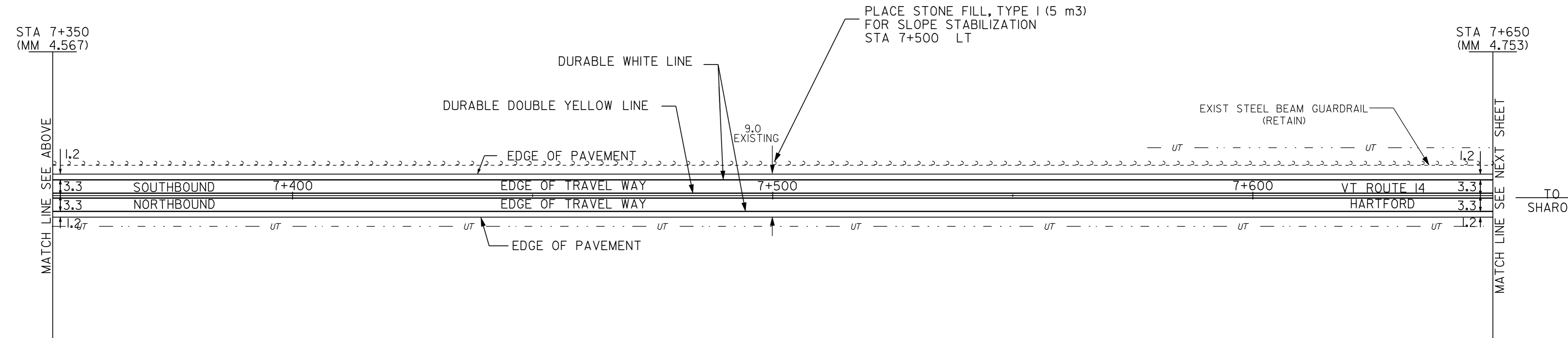
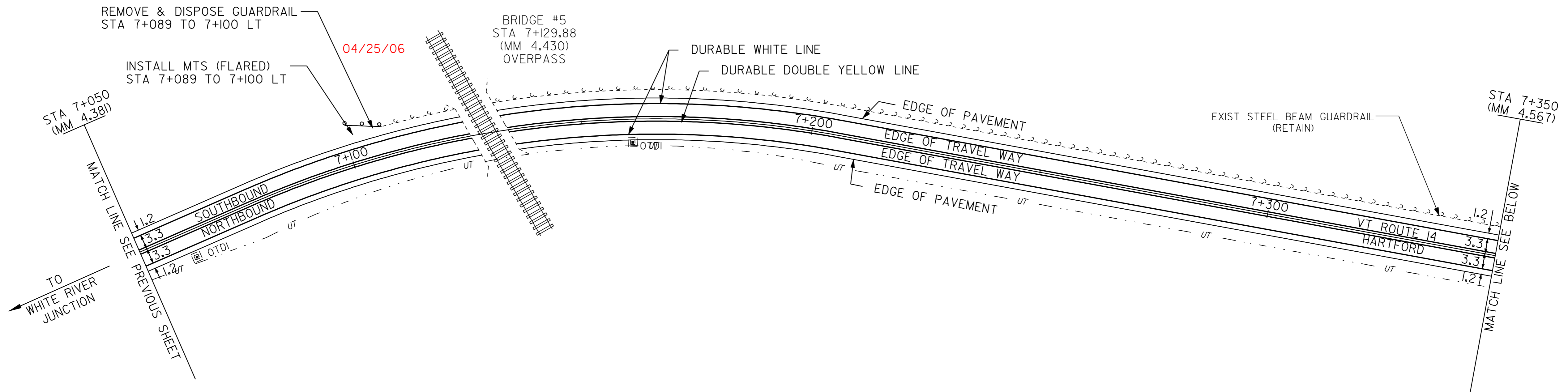
STA 7+089 TO 7+100 LT

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 7+050 TO 7+650 SOLID LT & RT

REMOVE & DISPOSE GUARDRAIL

STA 7+089 TO 7+100 LT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT #9

PROJECT:	HARTFORD - ROYALTON	PROJECT NO.:	STP 212(1)S
DESIGN FILE NAME:	/pave/98cl74/pcl74.dgn	PLOT DATE:	21-MAR-2007
IPARM FILE NAME:	_pcl74i09.i	SURVEY DATE:	8/99
SURVEYED BY:	_CLD_ENGINEERS_INC	DRAWN BY:	_REB
SQUAD LEADER:	_WRH	SHEET:	19 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 7+650	TO	7+772	SOLID LT & RT
STA 7+763	TO	8+051	DOUBLE SOLID RT (TH #18)
STA 7+784	TO	8+051	SOLID LT & RT
STA 8+063	TO	8+135	DOUBLE SOLID RT (TH #69)
STA 8+063	TO	8+135	SOLID LT & RT
STA 8+135	TO	8+250	SOLID LT, DASHED RT

TEMPORARY AND DURABLE 600 mm STOP BAR

STA 7+763	RT	(TH #18)
STA 8+063	RT	(TH #69)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 7+763	RT	- "STOP" (TH #18)
STA 8+063	RT	- "STOP" (TH #69)

REMOVAL & DISP. OF GUARDRAIL

STA 7+936	TO	7+947	LT
STA 8+055	TO	8+094	LT
STA 8+068	TO	8+094	RT

ANCHOR FOR STEEL BEAM RAIL

STA 8+067	RT
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SHOULDER BERM REMOVAL

STA 7+650	TO	7+936	LT
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**CHANGING ELEV. OF DI, CB OR MH
REHABILITATION OF DI, CB OR MH**

STA 7+773	RT	OTDI
STA 8+019	RT	OTDI

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 7+650	TO	8+250	SOLID LT
STA 7+650	TO	7+766	SOLID RT
STA 7+790	TO	8+045	SOLID RT
STA 8+069	TO	8+250	SOLID RT

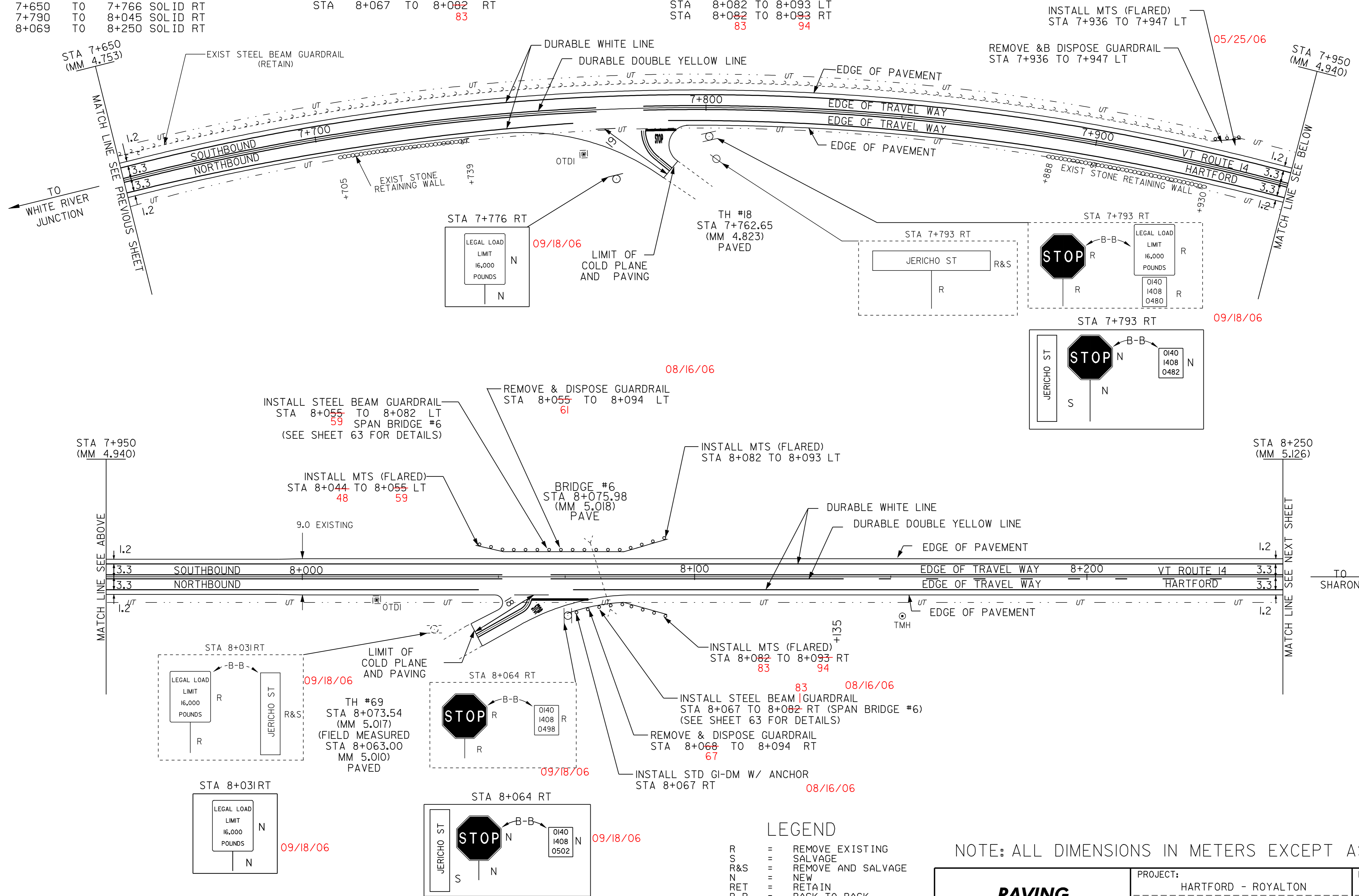
STEEL BEAM GUARDRAIL

STA 8+055	TO	8+082	LT
STA 8+067	TO	8+082	RT

MANUFACTURED TERMINAL SECTION (FLARED)

STA 7+936	TO	7+947	LT
STA 8+046	TO	8+055	LT
STA 8+082	TO	8+093	LT
STA 8+082	TO	8+093	RT

REMOVING SIGNS
AS SHOWN - 8
ERECTING SALVAGED SIGNS
AS SHOWN - 2



LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
—	=	NEW RAIL
- - -	=	EXISTING RAIL
⊗	=	BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #10

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74i0.i	SURVEY DATE: 8/99
SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 20 OF 64

DATUM

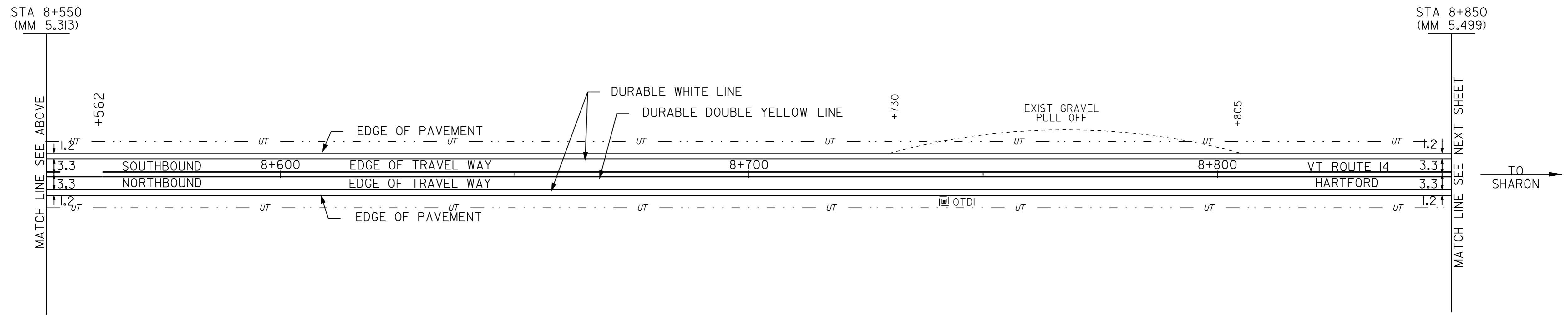
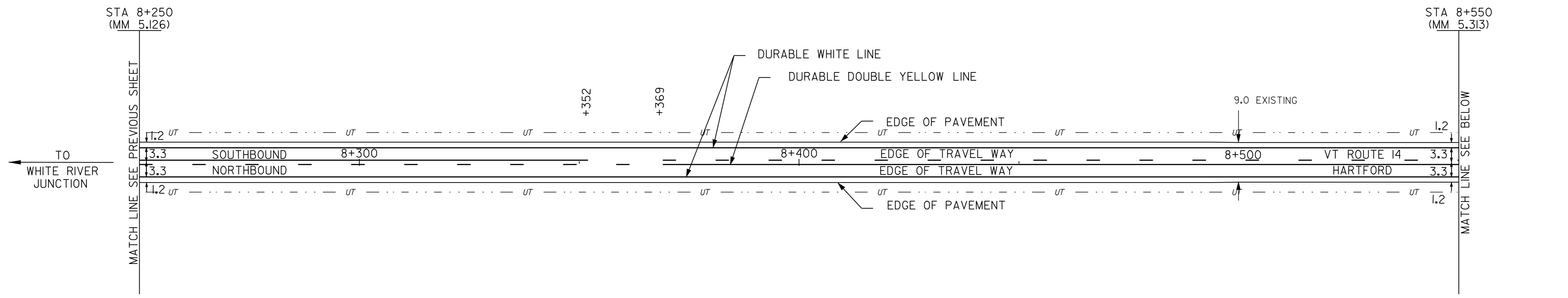
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 8+250 TO 8+352 SOLID LT, DASHED RT
 STA 8+352 TO 8+369 DASHED
 STA 8+369 TO 8+562 DASHED LT, SOLID RT
 STA 8+562 TO 8+850 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 8+250 TO 8+850 SOLID LT & RT

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH
 STA 8+742 RT OTDI



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - ⊙ = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #11	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(K)S
	DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74ill.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 21 OF 64	

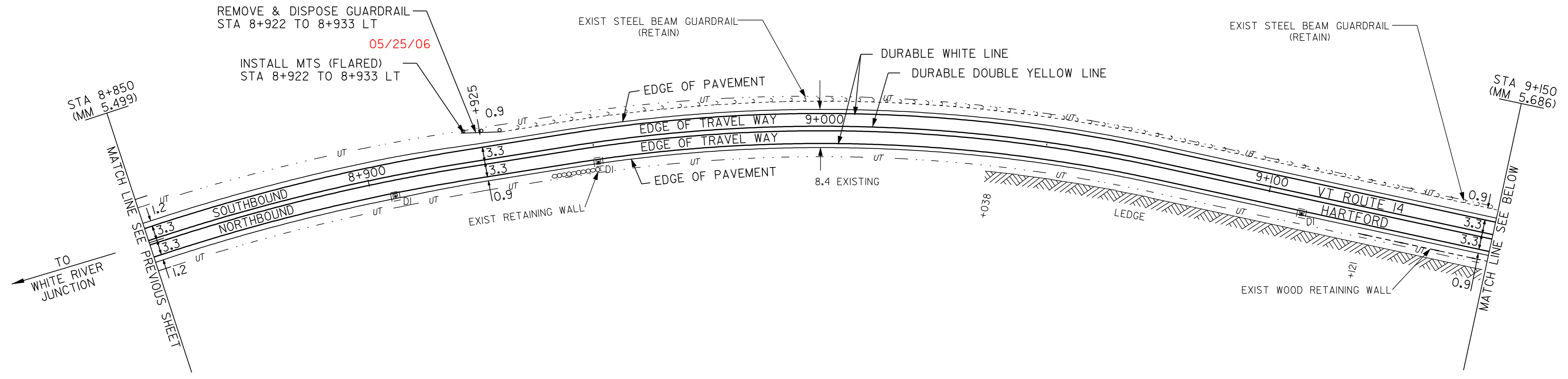
TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 8+850 TO 9+450 SOLID LT & RT
 TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 8+850 TO 9+450 SOLID LT & RT

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH
 STA 8+905 RT
 STA 8+948 RT
 STA 9+108 RT
 STA 9+198 RT
 STA 9+286 RT

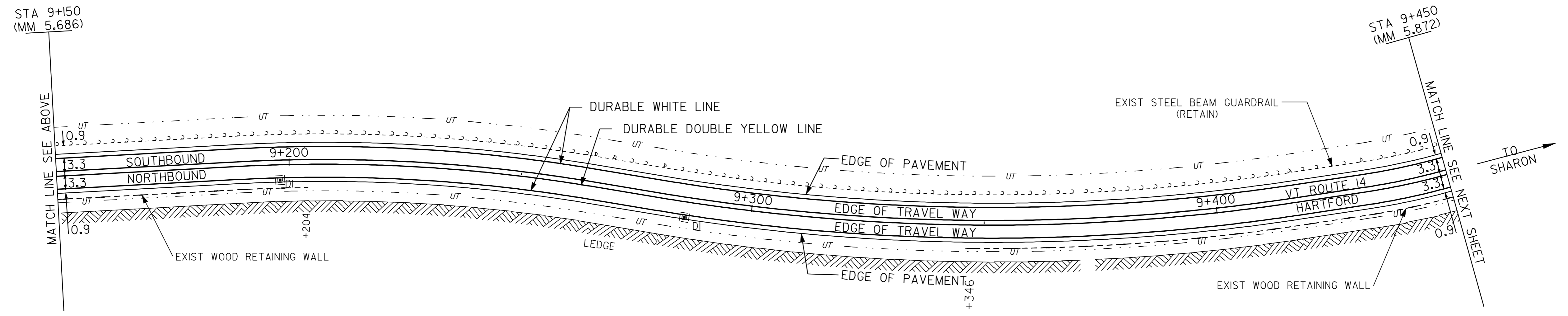
SHOULDER BERM REMOVAL
 STA 8+933 TO 9+450 LT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 8+922 TO 8+933 LT

REMOVE & DISPOSE GUARDRAIL
 STA 8+922 TO 8+933 LT



REMOVE & DISPOSE OF GUIDEPOST
 STA 9+223 RT



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - ⊙ = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #12	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i12.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 22 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 9+450 TO 10+050 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 9+450 TO 10+050 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 9+639 TO 9+716 LT
 STA 9+645 TO 9+664 RT

REMOVAL & DISP. OF GUIDE POSTS
 STA 9+923 RT (1)

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH

STA 9+548 RT
 STA 9+595 RT

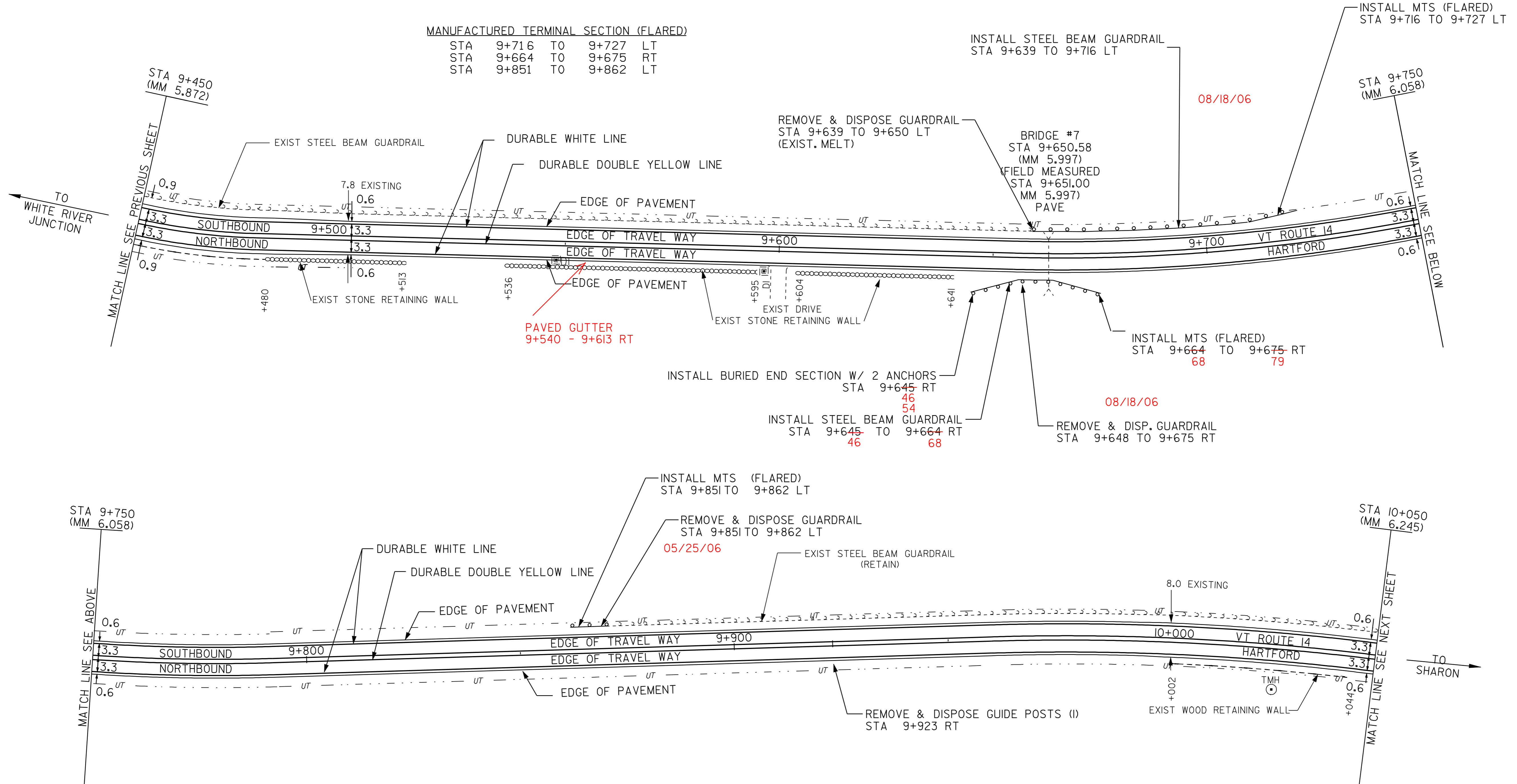
REMOVAL & DISP. OF GUARDRAIL
 STA 9+639 TO 9+650 LT
 STA 9+648 TO 9+675 RT
 STA 9+851 TO 9+862 LT

ANCHOR FOR STEEL BEAM RAIL
 STA 9+645 RT (2)

SHOULDER BERM REMOVAL
 STA 9+450 TO 9+639 LT
 STA 9+862 TO 10+050 LT

REMOVAL & RESET GUARDRAIL
 STA 9+664 TO 9+675 RT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 9+716 TO 9+727 LT
 STA 9+664 TO 9+675 RT
 STA 9+851 TO 9+862 LT



08/18/06

08/18/06

05/25/06

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #13	PROJECT: HARTFORD - ROYALTON	PROJECT NO. : STP 212(K)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i3.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 23 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 10+050 TO 10+650 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 10+050 TO 10+650 SOLID LT & RT

STEEL BEAM GUARDRAIL

STA 10+092 TO 10+142 RT

STA 10+178 TO 10+450 LT

289

STEEL BEAM GUARDRAIL W/ 2.4m POSTS

STA 10+289 - 10+434 LT

REMOVAL & DISP. OF GUIDE POSTS

STA 10+289 TO 10+345 LT (12)

REMOVAL & DISP. OF GUARDRAIL

STA 10+082 TO 10+152 RT

STA 10+178 TO 10+189 LT

ANCHOR FOR STEEL BEAM RAIL

STA 10+450 LT STA 10+062 RT

34

STA 10+152 RT

SHOULDER BERM REMOVAL

STA 10+050 TO 10+178 LT

MANUFACTURED TERMINAL SECTION (FLARED)

STA ~~10+081 TO 10+092 RT~~

STA ~~10+142 TO 10+153 RT~~

STA 10+635 - 10+646 LT

CHANGING ELEV. OF DI, CB OR MH

REHABILITATION OF DI, CB OR MH

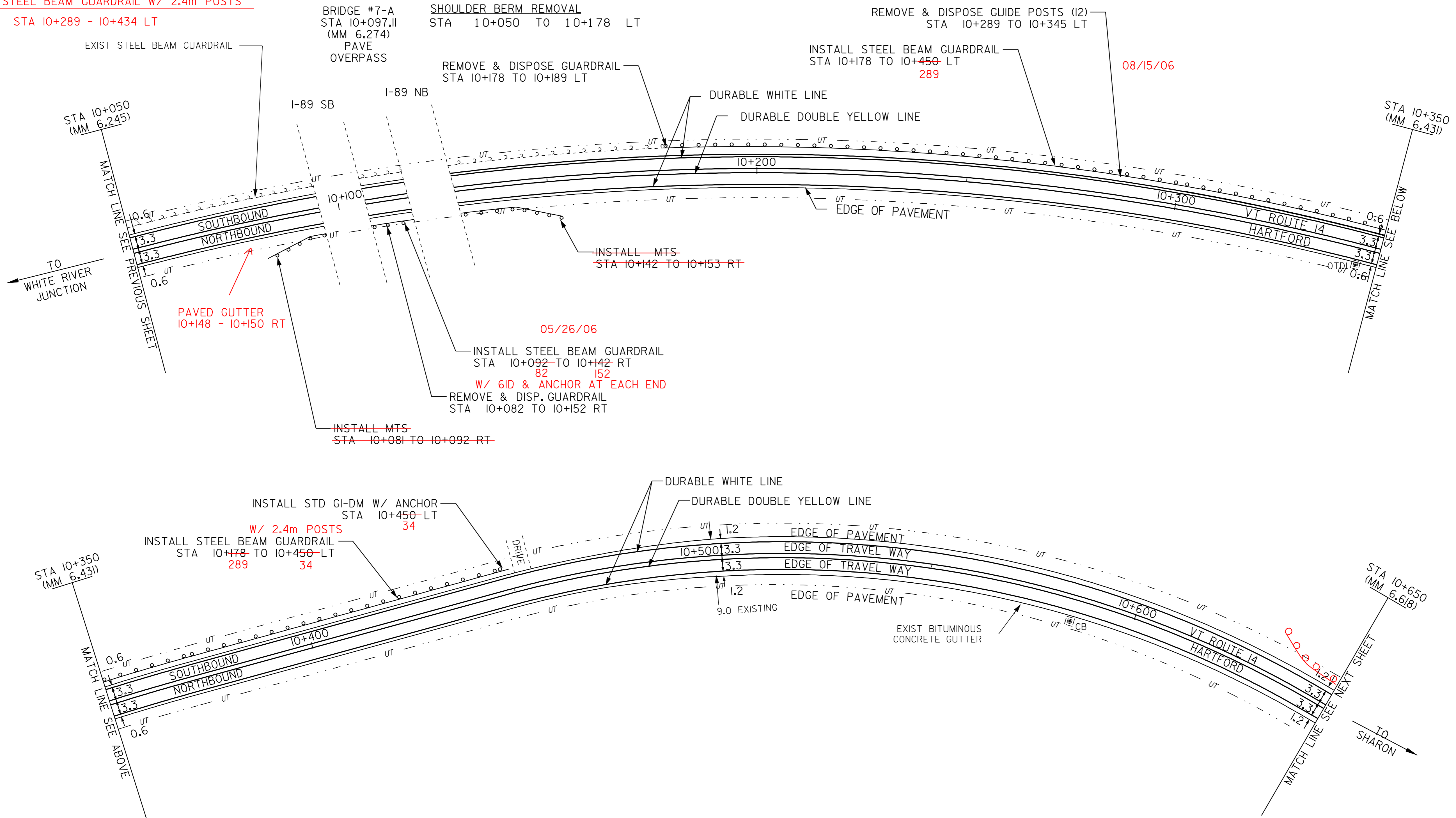
STA 10+345 RT

STA 10+586 RT OTDI

BITUMINOUS CONCRETE

GUTTER AND TRAFFIC ISLAND

STA 10+535 TO 10+630 RT DRIVE



INSTALL STD GI-DM W/ ANCHOR STA 10+450 LT 34

INSTALL STEEL BEAM GUARDRAIL STA 10+178 TO 10+450 LT 289 34

W/ 2.4m POSTS

LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

<p>PAVING PROJECT LAYOUT #14</p>	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(K)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: _pcl74i1.d	SURVEY DATE: 8/99
	SURVEYED BY: _CLD_ENGINEERS_INC	DRAWN BY: _REB_
SQUAD LEADER: _WRH_	SHEET: 24 OF 64	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 10+650 TO 11+124 SOLID LT & RT
 STA 11+130 TO 11+200 SOLID LT (SA #4)
 STA 11+136 TO 11+200 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 10+650 TO 11+200 SOLID RT
 STA 10+650 TO 11+118 SOLID LT
 STA 11+142 TO 11+200 SOLID LT

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 11+130 LT - "STOP" (SA #4)

REMOVING SIGNS
 AS SHOWN - 5

ANCHOR
 10+777 RT
 10+792 RT

STEEL BEAM GUARDRAIL W/ 2.4m POSTS
 STA 10+646 - 10+673

TEMPORARY AND DURABLE 600 mm STOP BAR
 STA 11+130 LT (SA #4)

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH
 STA 11+154 RT

MANUFACTURED TERMINAL SECTION (FLARED)
~~STA 10+770 TO 10+781 RT~~
~~STA 10+939 TO 10+950 LT~~

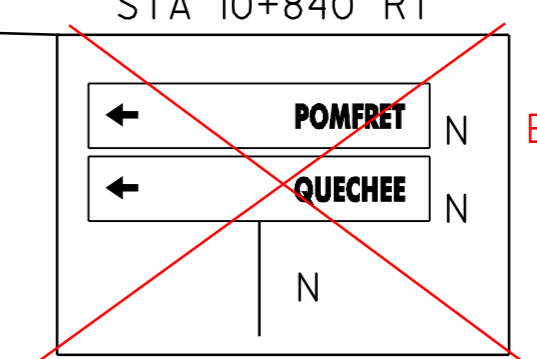
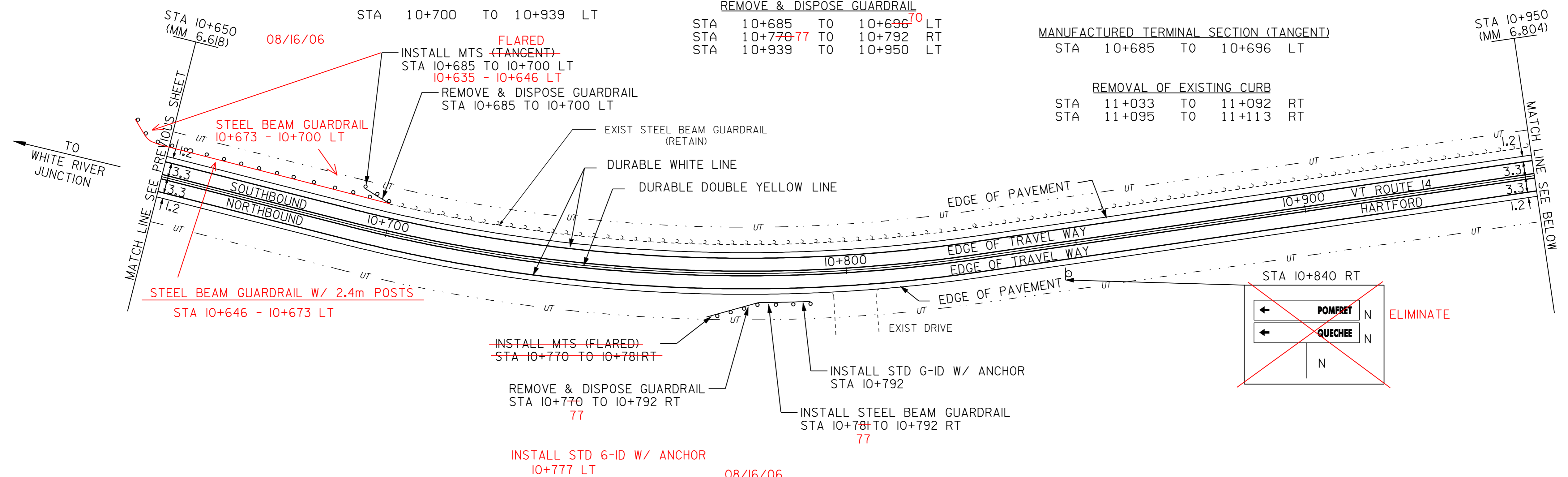
STEEL BEAM GUARDRAIL
 STA 10+781 TO 10+792 RT
 77
 10+673 TO 10+700 LT

SHOULDER BERM REMOVAL
 STA 10+700 TO 10+939 LT

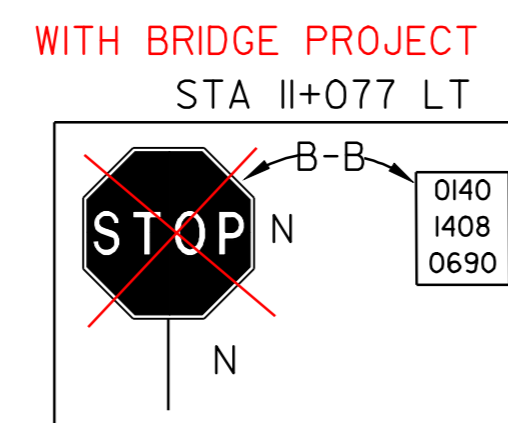
REMOVE & DISPOSE GUARDRAIL
 STA 10+685 TO 10+696 LT
 STA 10+770 TO 10+792 RT
 STA 10+939 TO 10+950 LT

MANUFACTURED TERMINAL SECTION (TANGENT)
 STA 10+685 TO 10+696 LT

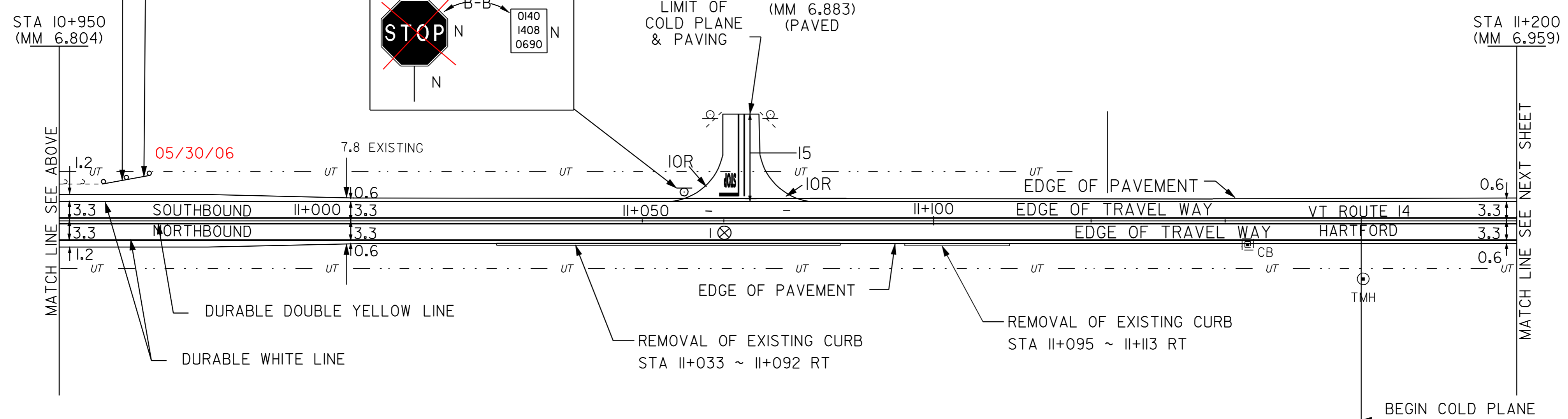
REMOVAL OF EXISTING CURB
 STA 11+033 TO 11+092 RT
 STA 11+095 TO 11+113 RT



INSTALL MTS (FLARED)
 STA 10+939 TO 10+950 LT
 REMOVE & DISPOSE GUARDRAIL
 STA 10+939 TO 10+950 LT



WITH BRIDGE PROJECT
 STA 11+077 LT
 09/18/06
 SA #4
 STA 11+077 (MM 6.883) (PAVED)
 LIMIT OF COLD PLANE & PAVING



PAVEMENT CORES - ⊗

#	STA	TOTAL DEPTH (MM)	PCC
1	11+064 RT	140	NO

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #15

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pci74.dgn	PLOT DATE: 21-MAR-2007 09
IPARM FILE NAME: pci74i15.i	SURVEY DATE: 8/99
SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 25 OF 64

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 11+200	TO 11+226	SOLID LT & RT
STA 11+232	DOUBLE SOLID RT (TH #35)	
STA 11+238	TO 11+676	SOLID LT & RT
STA 11+682	DOUBLE SOLID RT (TH #13)	
STA 11+688	TO 11+800	SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 11+200	TO 11+800	SOLID LT
STA 11+200	TO 11+220	SOLID RT
STA 11+244	TO 11+670	SOLID RT
STA 11+694	TO 11+800	SOLID RT

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 11+232	RT - "STOP" (TH #35)
STA 11+682	RT - "STOP" (TH #13)

TEMPORARY AND DURABLE 600 mm STOP BAR

STA 11+232	RT (TH #35)
STA 11+682	RT (TH #13)

MANUFACTURED TERMINAL SECTION (FLARED)

STA 11+319	TO 11+330	LT
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MANUFACTURED TERMINAL SECTION (TANGENT)

STA 11+686	TO 11+697	LT
STA 11+794	TO 11+805	LT

STEEL BEAM GUARDRAIL (2.4m POST) (MOD)

STA 11+308	TO 11+314	LT
STA 11+310	TO 11+322	RT
STA 11+648-49	TO 11+686-77	LT
STA 11+658	TO 11+673	RT

REMOVAL & DISPOSAL OF GUIDE POSTS

STA 11+571	RT (1)	
STA 11+591	TO 11+596	RT (2)

ANCHOR FOR STEEL BEAM RAIL

STA 11+648	LT
STA 11+658-57	RT
STA 11+673	RT (2)
II+331LT	
II+308 LT	

REMOVE & DISPOSE GUARDRAIL

STA 11+308	TO 11+330	LT
STA 11+310	TO 11+322	RT
STA 11+660	TO 11+671	LT
STA 11+663	TO 11+673	RT
STA 11+794	TO 11+805	LT

ERECTING SALVAGED SIGNS

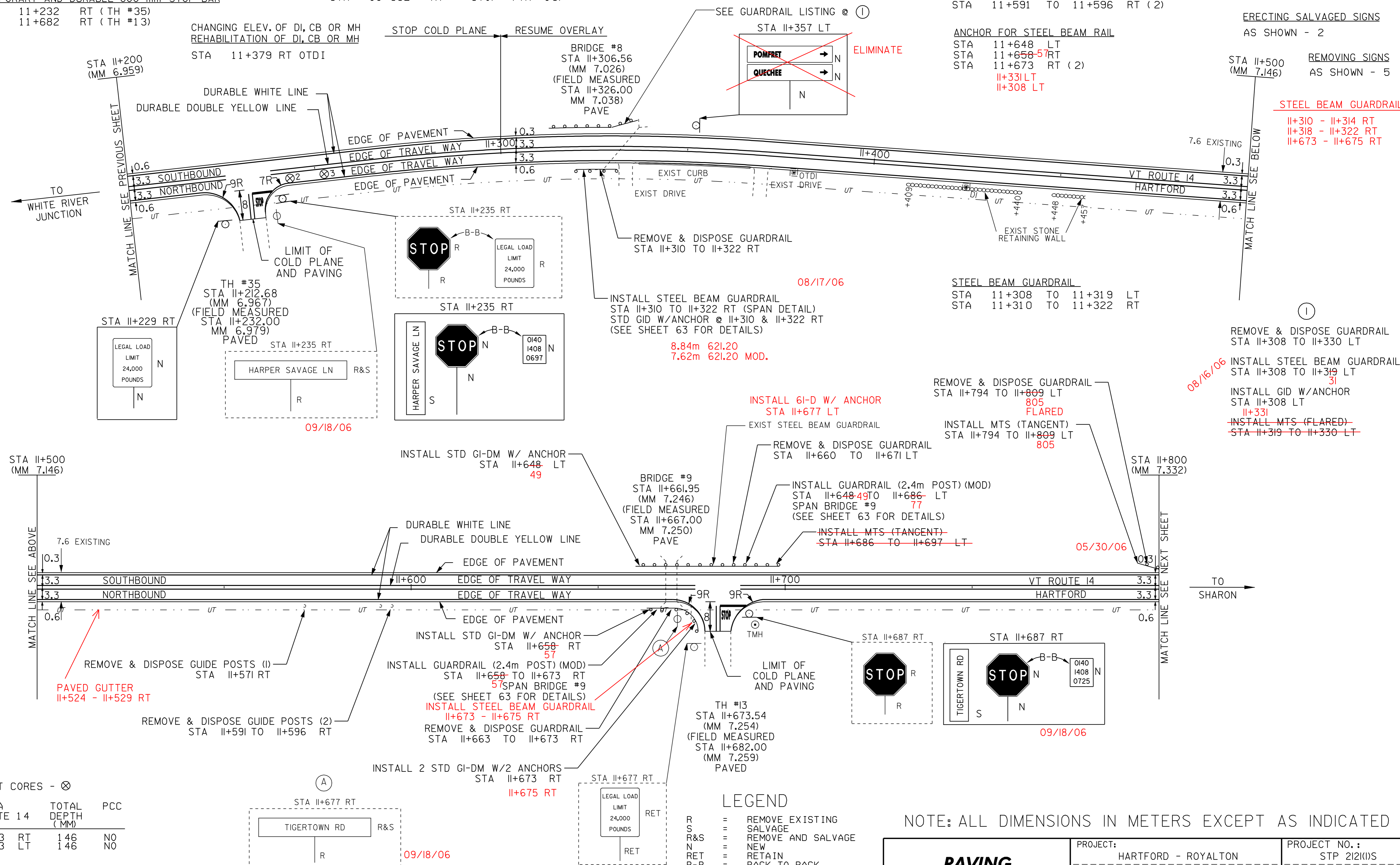
AS SHOWN - 2

REMOVING SIGNS

AS SHOWN - 5

STEEL BEAM GUARDRAIL

II+310 - II+314 RT
II+318 - II+322 RT
II+673 - II+675 RT



PAVEMENT CORES - ⊗

#	STA	VT ROUTE 14	TOTAL DEPTH (MM)	PCC
2	11+243	RT	146	NO
3	11+253	LT	146	NO

LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

<p>PAVING PROJECT LAYOUT #16</p>	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(K)S
	DESIGN FILE NAME: /pave/98a174/pol14.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pol14i16.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	SQUAD LEADER: WRH
DRAWN BY: REB		SHEET: 26 OF 64

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 11+800 TO 12+400 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 11+800 TO 12+400 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 12+020 TO 12+050 RT
 STA 12+117 TO 12+140 RT
 STA 12+081 TO 12+342 LT
⁸⁵ ¹³⁸
 12+145 - 12+207 LT
 12+237 - 12+275 LT
 SHOULDER BERM REMOVAL
 STA 11+800 TO 12+081 LT
 STA 12+334 TO 12+400 LT

ANCHOR FOR STEEL BEAM RAIL
 STA 12+020 RT
 STA 12+050 RT
 STA 12+117 RT
 STA 12+140 RT

BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND
 STA 12+368 LT

300 mm CSP 1.7 mm (68mm X 12mm)
 STA 12+137 TO 12+141 RT

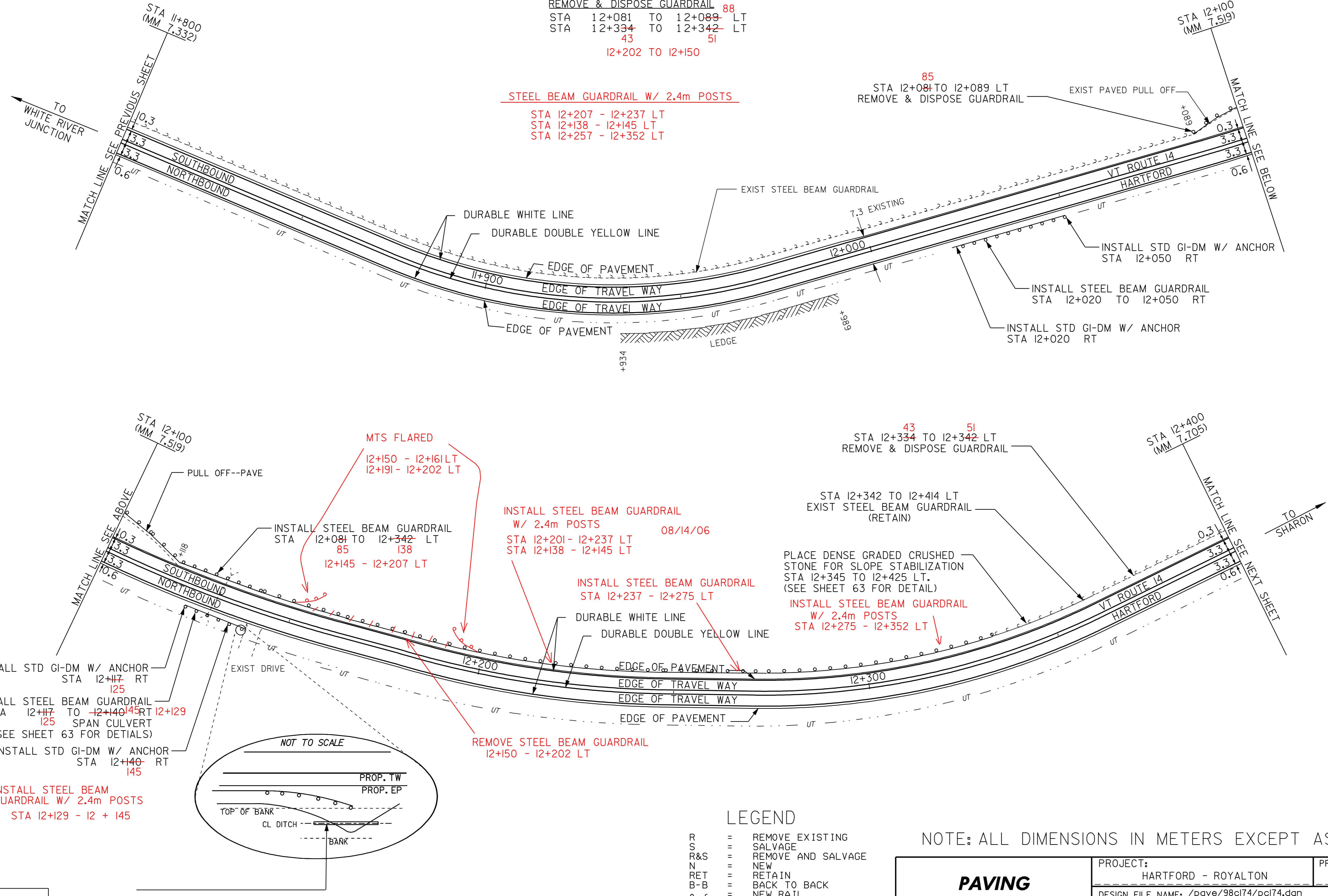
MTS FLARED

12+150 - 12+161 LT
 12+191 - 12+202 LT

REMOVE & DISPOSE GUARDRAIL 88
 STA 12+081 TO 12+089 LT
 STA 12+334 TO 12+342 LT
⁴³ ⁵¹
 12+202 TO 12+150

STEEL BEAM GUARDRAIL W/ 2.4m POSTS

STA 12+207 - 12+237 LT
 STA 12+138 - 12+145 LT
 STA 12+257 - 12+352 LT

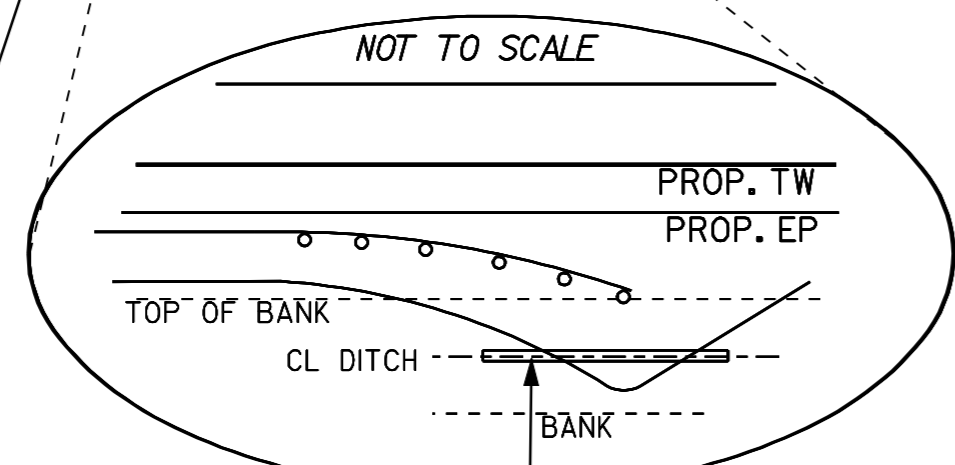


MTS FLARED
 12+150 - 12+161 LT
 12+191 - 12+202 LT

INSTALL STEEL BEAM GUARDRAIL
 W/ 2.4m POSTS 08/14/06
 STA 12+201 - 12+237 LT
 STA 12+138 - 12+145 LT

INSTALL STEEL BEAM GUARDRAIL
 W/ 2.4m POSTS
 STA 12+275 - 12+352 LT

REMOVE STEEL BEAM GUARDRAIL
 12+150 - 12+202 LT



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 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - ⋯ = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NEW 300 mm x 4 m CSP (1.7 mm)

NOT TO SCALE

PAVING PROJECT LAYOUT #17	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl74/pol74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pol74ll7.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
	SQUAD LEADER: WRH	SHEET: 27 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE

HARTFORD
 STA 12+400 TO 12+643 SOLID LT & RT
 SHARON
 STA 0+000 TO 0+012 SOLID LT & RT
 STA 0+024 TO 0+350 SOLID LT & RT

TEMPORARY AND DURABLE 100 MM WHITE LINE

HARTFORD
 STA 12+400 TO 12+643 SOLID LT & RT
 SHARON
 STA 0+000 TO 0+350 SOLID LT
 STA 0+000 TO 0+006 SOLID RT
 STA 0+030 TO 0+350 SOLID RT

STEEL BEAM GUARDRAIL

HARTFORD
 STA 12+478 TO 12+497 RT
 STA 12+478 TO 12+497 LT
 SHARON
 STA 0+046 TO 0+150 LT
 STA 0+169 TO 0+183 LT

MANUFACTURED TERMINAL SECTION (FLARED)

STA 0+035 TO 0+046 LT
 STA 218 0+183 TO 0+194 LT 229
 STA 12+414 TO 12+425 LT

REMOVING SIGNS
 AS SHOWN - 5

SHOULDER BERM REMOVAL

STA 12+400 TO 12+414 LT

~~STEEL BEAM GUARDRAIL (2.4m POST) (MOD)~~

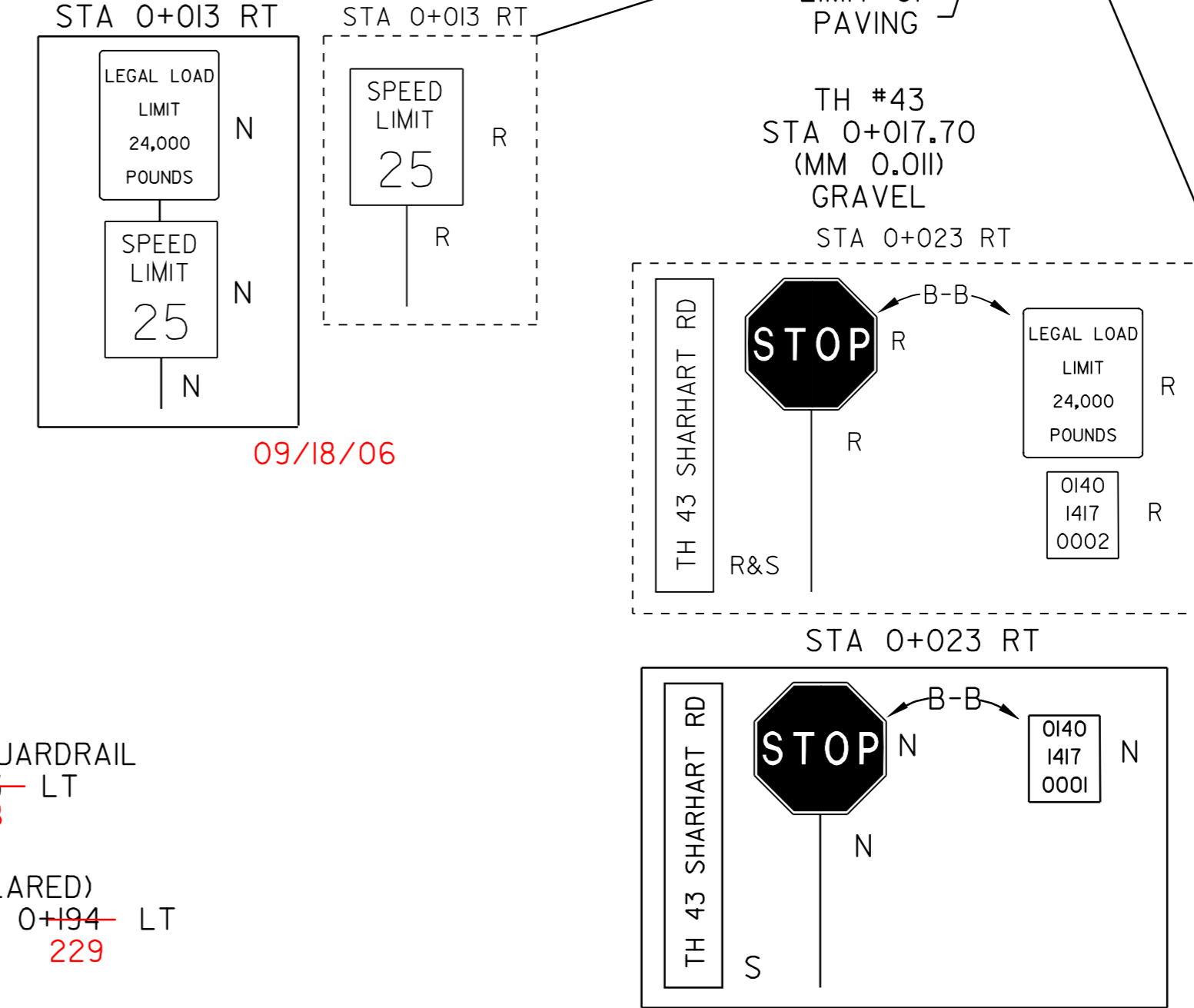
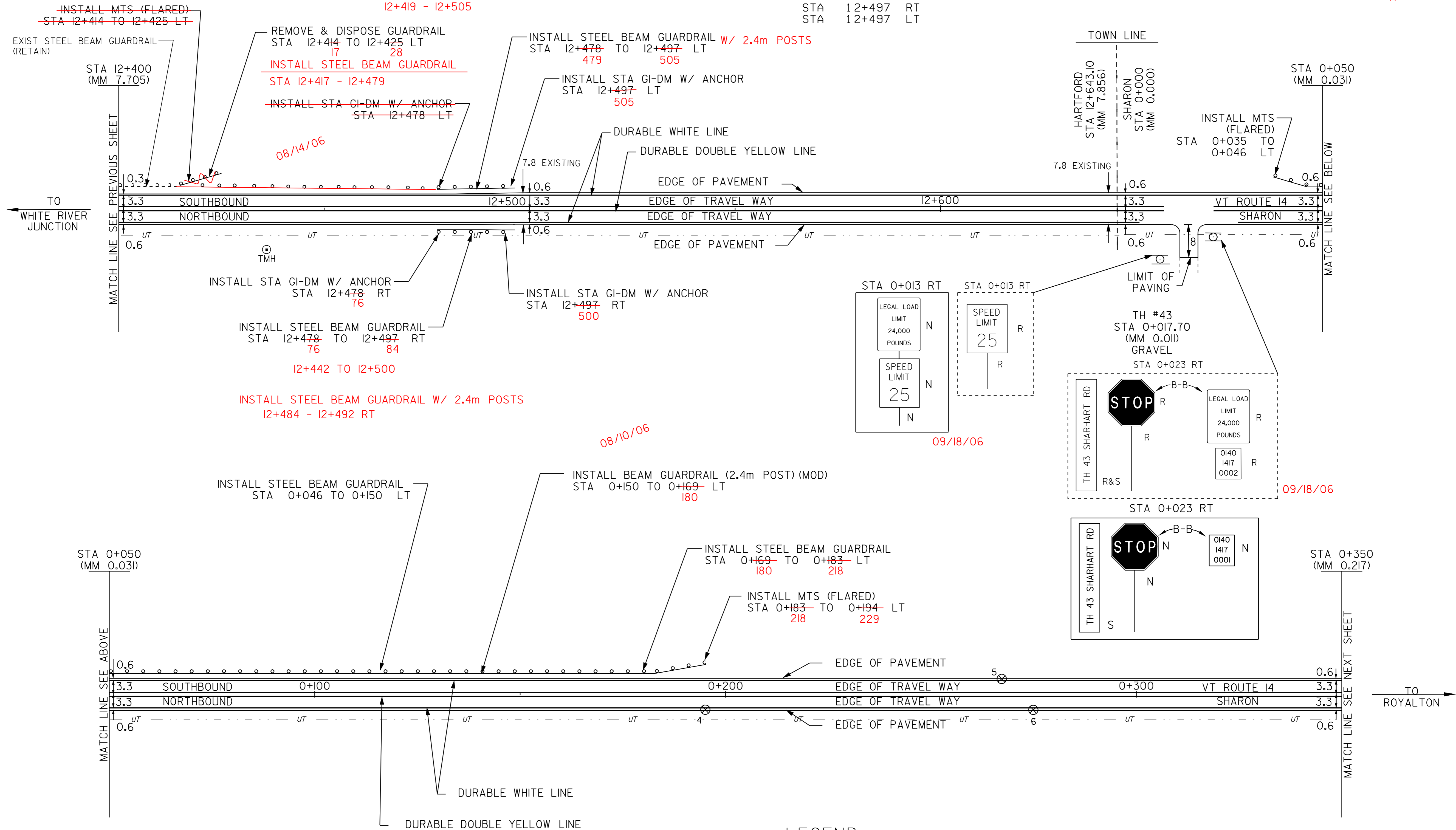
~~STA 0+150 TO 0+169 LT~~
~~0+150 TO 0+180 LT~~
~~12+419 - 12+505~~

ANCHOR FOR STEEL BEAM RAIL

STA 12+478 RT
 STA 12+478 LT
 STA 12+497 RT
 STA 12+497 LT

ERECTING SALVAGED SIGNS
 AS SHOWN - 1

REMOVAL & DISP. OF GUARDRAIL
 STA 12+414 TO 12+425 LT
 17 28



PAVEMENT CORES - ⊗

#	STA	VT ROUTE 14	TOTAL DEPTH (MM)	PCC
4	0+195	RT	50	NO
5	0+267	LT	75	YES
6	0+275	RT	67	NO

- LEGEND
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 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - ⊗ = NEW RAIL
 - = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #18

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74i18.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 28 OF 64

NOT TO SCALE

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 0+350 TO 0+950 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 0+506 TO 0+521 RT

ANCHOR FOR STEEL BEAM RAIL
 STA 0+506 RT
 STA 0+521 RT

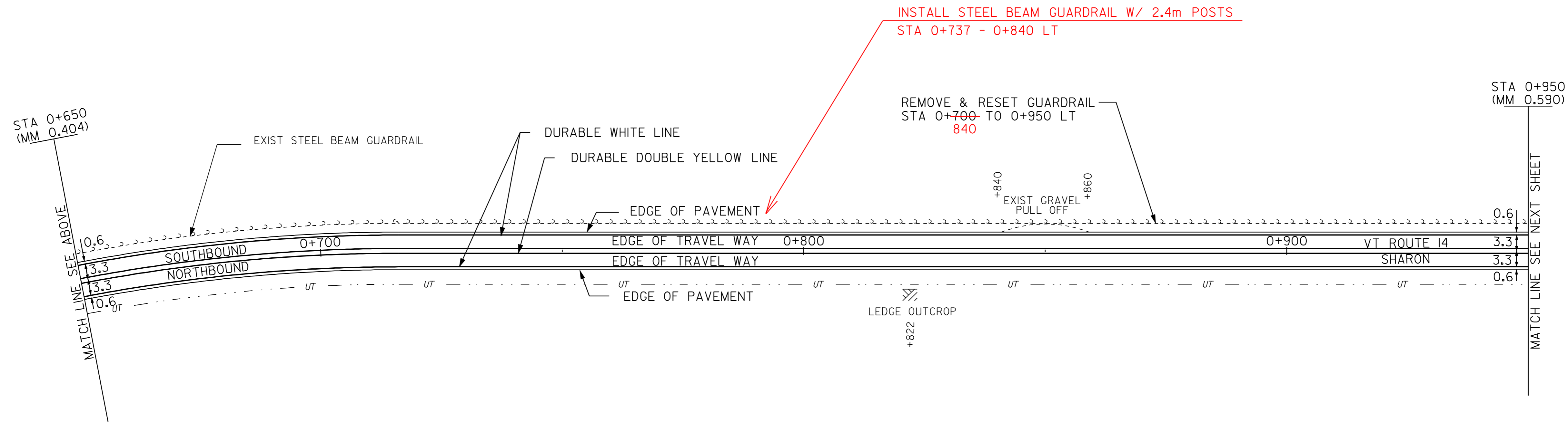
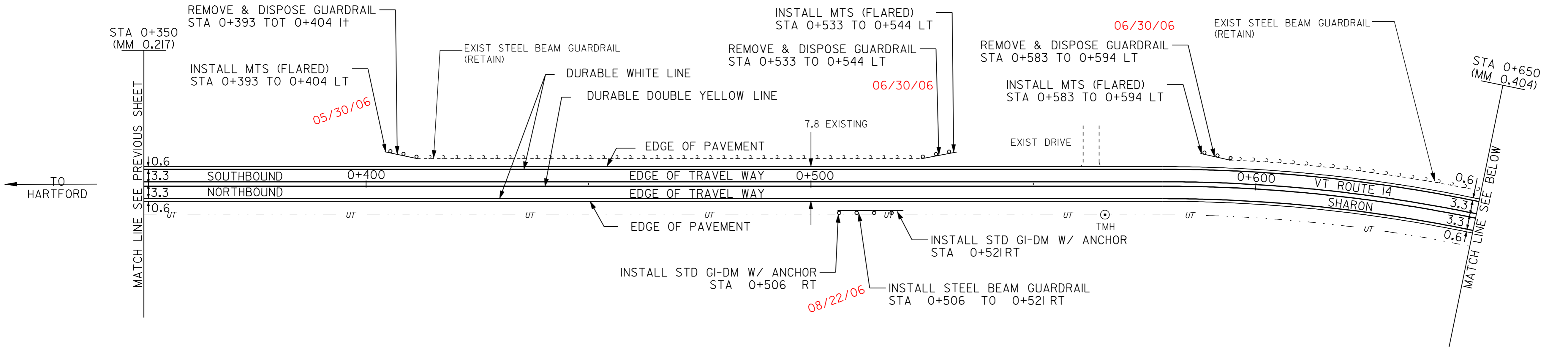
MANUFACTURED TERMINAL SECTION (FLARED)
 STA 0+393 TO 0+404 LT
 STA 0+533 TO 0+544 LT
 STA 0+583 TO 0+594 LT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 0+350 TO 0+950 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 0+404 TO 0+533 LT
 STA 0+594 TO 0+950 LT

REMOVE & DISPOSE GUARDRAIL
 STA 0+393 TO 0+404 LT
 STA 0+533 TO 0+544 LT
 STA 0+583 TO 0+594 LT

REMOVE & RESET GUARDRAIL
 STA 0+700 TO 0+950 LT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #19

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pol74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pol74119.i	SURVEY DATE: 8/99
SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 29 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 0+950 TO 1+175 SOLID LT & RT
 STA 1+175 TO 1+368 SOLID LT, DASHED RT
 STA 1+368 TO 1+408 SOLID LT & RT
 STA 1+408 TO 1+550 DASHED LT, SOLID RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 0+950 TO 1+550 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 1+017 TO 1+249 LT
 38 33

STEEL BEAM GUARDRAIL W/ 2.4 m POSTS (MOD.)
 STA 0+970 TO 1+016 LT
 38
 I+233 TO I+260 LT

REMOVAL & DISP. OF GUARDRAIL
 STA 0+970 TO 0+978 LT
 STA 1+016 TO 1+261 LT

SHOULDER BERM REMOVAL
 STA 0+950 TO 0+970 LT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 1+249 TO 1+261 LT
 60 71

REMOVE & DISP. OF GUIDE POST
 STA 1+548 LT (CUT OFF UTILITY POLE)
 20
 I+480 LT (CUT OFF UTILITY POLE)

REMOVE & RESET GUARDRAIL
 STA 0+950 TO 0+970 LT

REMOVE & DISPOSE GUARDRAIL
 STA 0+970 TO 0+978 LT

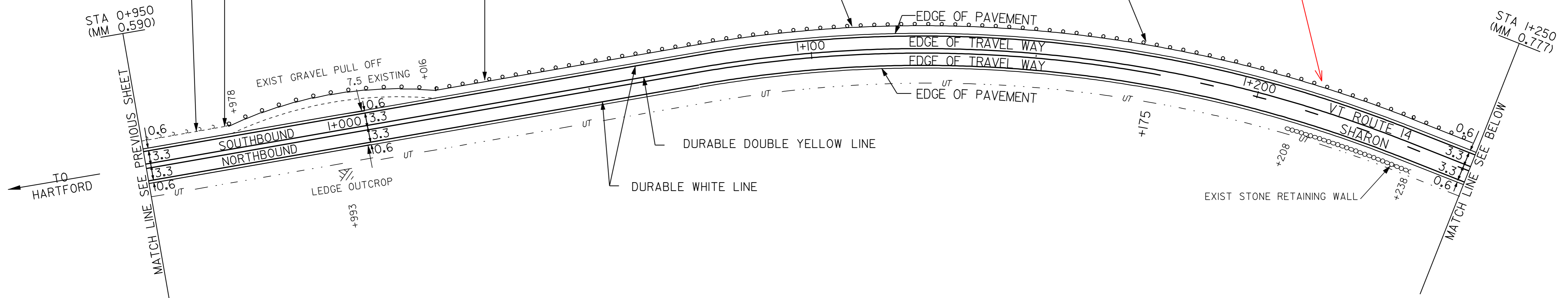
REMOVE & RESET GUARDRAIL
 STA 0+950 TO 0+970 LT

INSTALL STEEL BEAM GUARDRAIL
 W/ 2.4 M POSTS (MOD.)
 STA 0+970 TO 1+017 LT
 38

REMOVE & DISPOSE GUARDRAIL
 STA 1+016 TO 1+261 LT

INSTALL STEEL BEAM GUARDRAIL
 STA 1+017 TO 1+249 LT
 38 33

INSTALL STEEL BEAM GUARDRAIL
 W/ 2.4m POSTS
 I+233 - I+260 LT



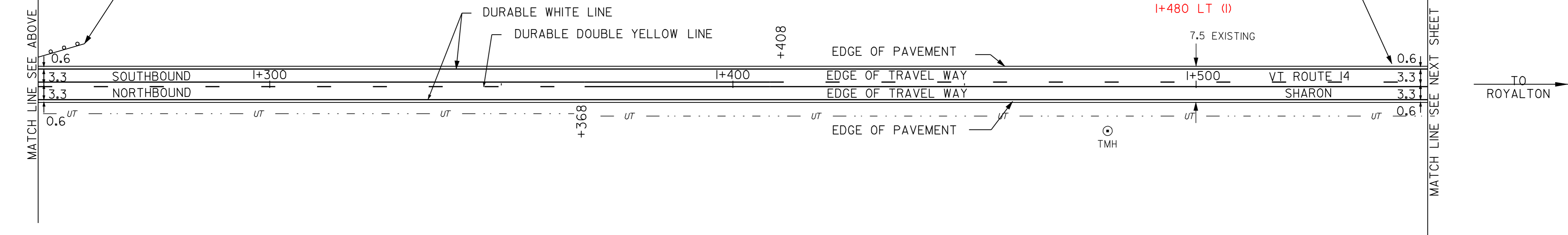
INSTALL MTS (FLARED)
 STA 1+249 TO 1+261 LT
 60 71

STA 1+250
 (MM 0.777)

DURABLE WHITE LINE
 DURABLE DOUBLE YELLOW LINE

EXIST CUT OFF UTILITY POLE
 TO BE REMOVED
 STA I+548 LT (I)
 20
 I+480 LT (I)

STA 1+550
 (MM 0.963)



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #20

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 2121(I)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74i20.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 30 OF 64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 1+550 TO 1+593 DASHED LT, SOLID RT
 STA 1+593 TO 2+150 SOLID LT& RT

STEEL BEAM GUARDRAIL
 STA 1+761 TO 1+797 LT
 STA 2+124 TO 2+135 RT
 44

300mm CSP 1.7 mm (68mm X 12mm)
 STA 2+118 TO 2+133 RT

REMOVAL & DISPOSAL OF GUIDE POST
 STA 2+105 RT (1)
 10

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 1+550 TO 2+150 SOLID LT & RT

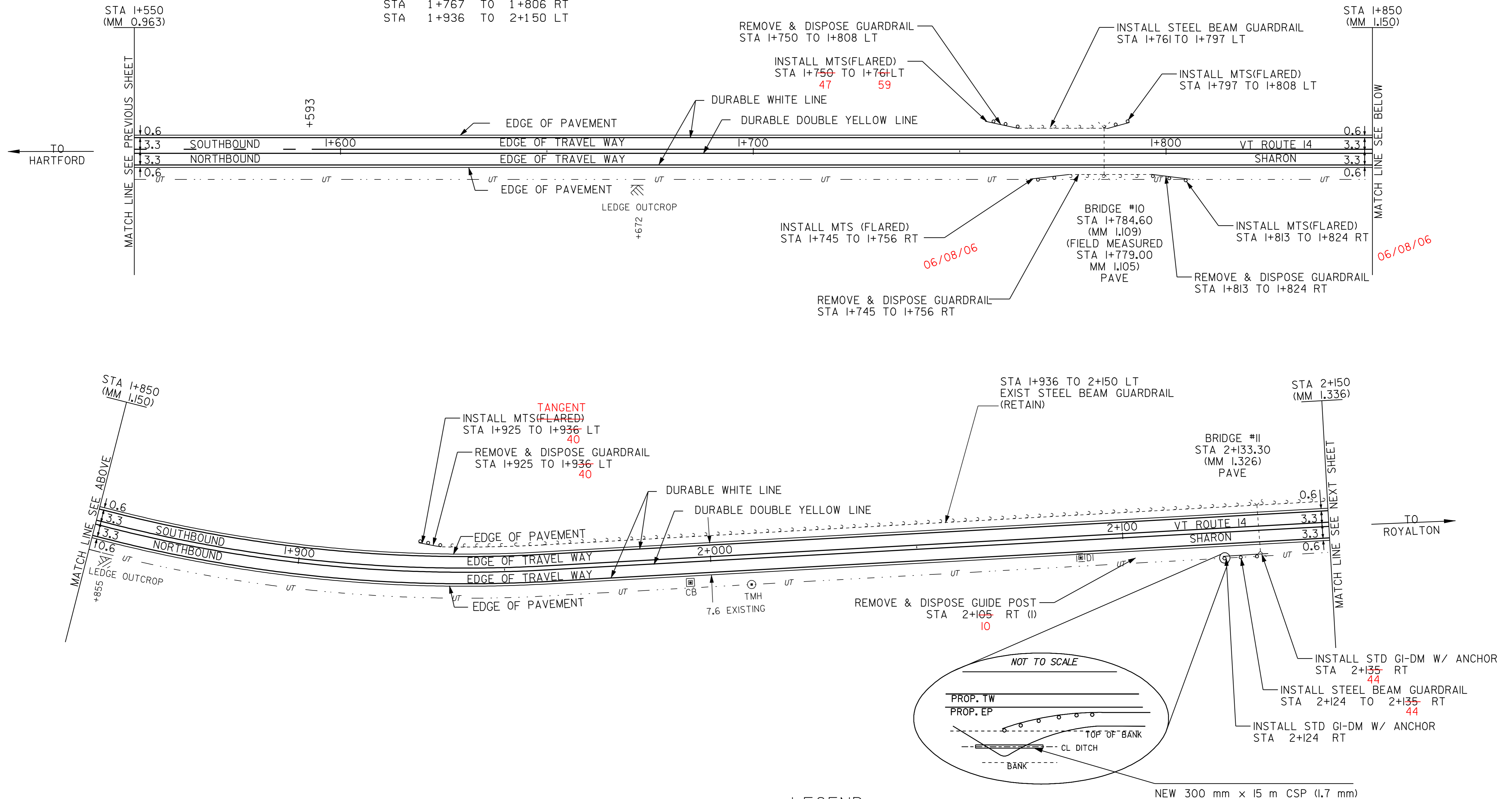
ANCHOR FOR STEEL BEAM RAIL
 STA 2+124 RT
 STA 2+135 RT
 44

RELOCATE MAILBOX - SINGLE SUPPORT
 STA 2+059 RT
 2+110 RT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 1+745 TO 1+756 RT
 STA 1+750 TO 1+761 LT
 STA 1+797 TO 1+808 LT
 STA 1+813 TO 1+824 RT
 STA 1+925 TO 1+936 LT TANGENT
 40

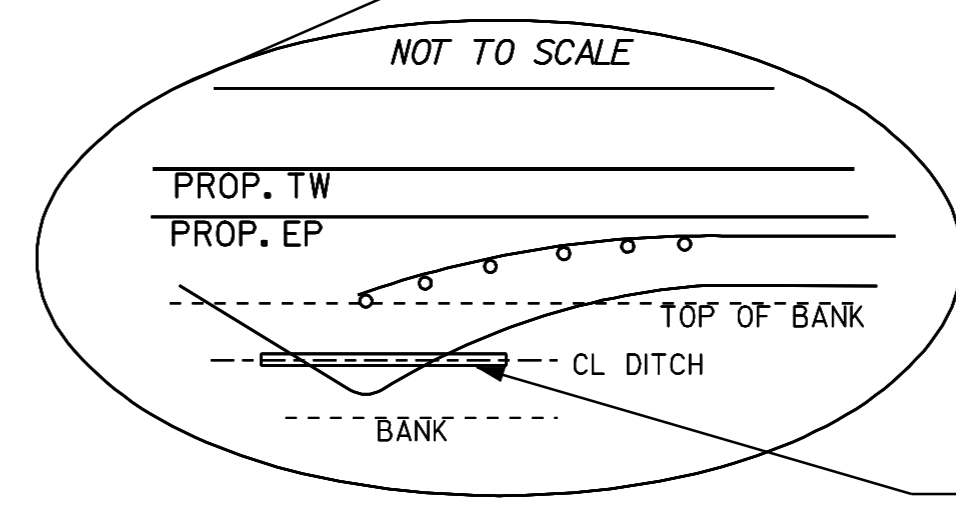
REMOVE & DISPOSE GUARDRAIL
 STA 1+745 TO 1+756 RT
 STA 1+750 TO 1+808 LT
 STA 1+813 TO 1+824 RT
 STA 1+925 TO 1+936 LT

SHOULDER BERM REMOVAL
 STA 1+767 TO 1+806 RT
 STA 1+936 TO 2+150 LT



MATCH LINE SEE ABOVE
 STA 1+850 (MM 1.150)
 +855

MATCH LINE SEE NEXT SHEET
 STA 2+150 (MM 1.336)



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #21	PROJECT: HARTFORD - ROYALTON	PROJECT NO. : STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pol74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pol74i2l	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 31 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 2+150 TO 2+350 SOLID LT & RT
 STA 2+350 TO 2+575 SOLID LT, DASHED RT
 STA 2+575 TO 2+750 SOLID LT & RT

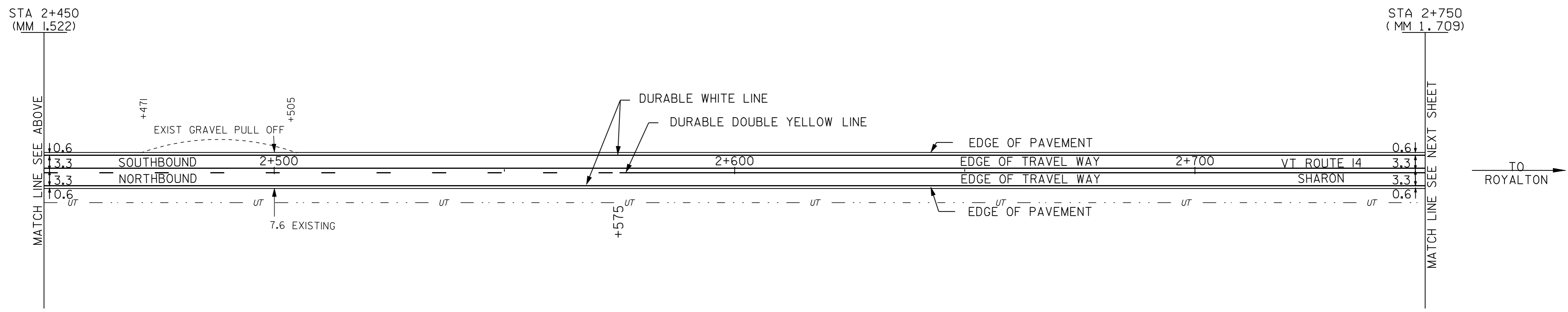
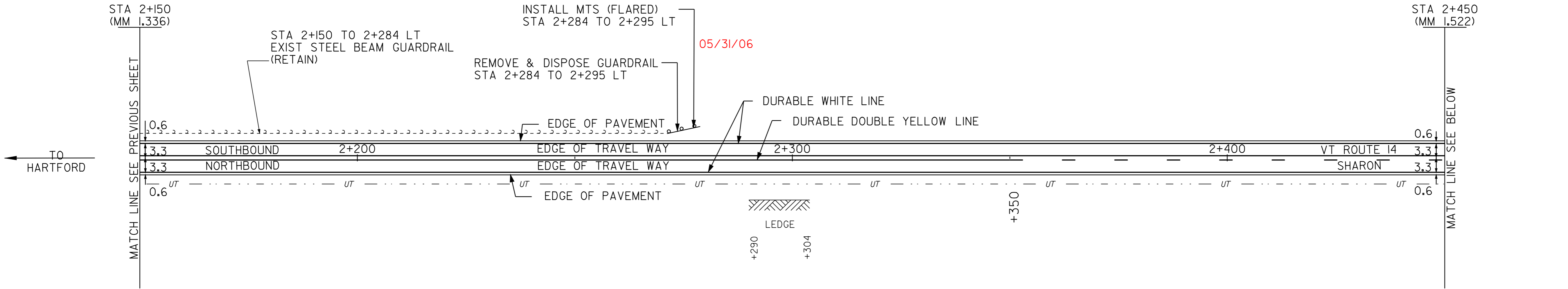
TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 2+150 TO 2+750 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 2+150 TO 2+279 LT

REMOVAL & DISPOSAL OF GUIDE POST
 STA 02+510 RT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 2+284 TO 2+295 LT

REMOVE & DISPOSE GUARDRAIL
 STA 2+284 TO 2+295 LT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #22

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(I)S
DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74i22.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 32 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 2+750 TO 3+350 SOLID LT & RT

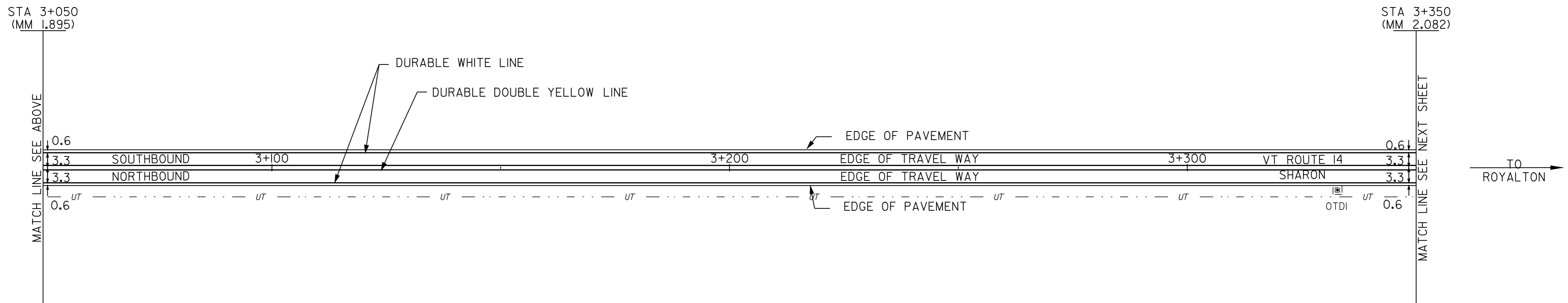
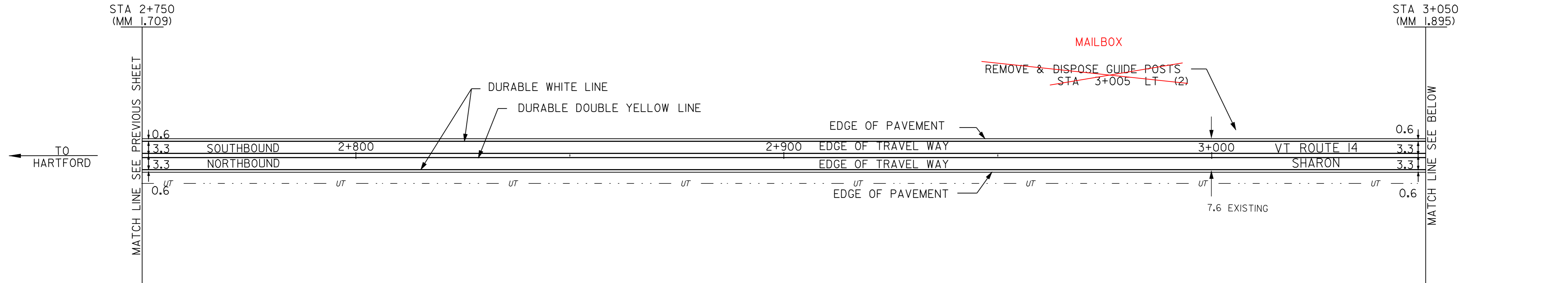
REMOVAL & DISPOSAL OF GUIDE POSTS
 STA 3+005 LT (2)

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH
 STA 3+333 RT OTDI

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 2+750 TO 3+350 SOLID LT & RT

~~RELOCATE MAILBOX - MULTIPLE SUPPORT~~
 STA 3+150 RT LT - 2 EA
 60
 3+020 LT - 1EA

RELOCATE MAILBOX - MULTIPLE SUPPORT
 3+020 LT - 1EA



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #23

PROJECT:	HARTFORD - ROYALTON	PROJECT NO.:	STP 212(K)S
DESIGN FILE NAME:	/pave/98cl74/pcl74.dgn	PLOT DATE:	21-MAR-2007
IPARM FILE NAME:	pcl74i23.i	SURVEY DATE:	8/99
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	REB
SQUAD LEADER:	WRH	SHEET:	33 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 3+350 TO 3+846 SOLID LT & RT
 STA 3+846 TO 3+950 DASHED LT, SOLID RT

STEEL BEAM GUARDRAIL 618
 STA 3+535 TO 3+564 LT
~~STA 3+620 TO 3+628 RT~~
 STA 3+620 TO 3+628 LT
 30 38

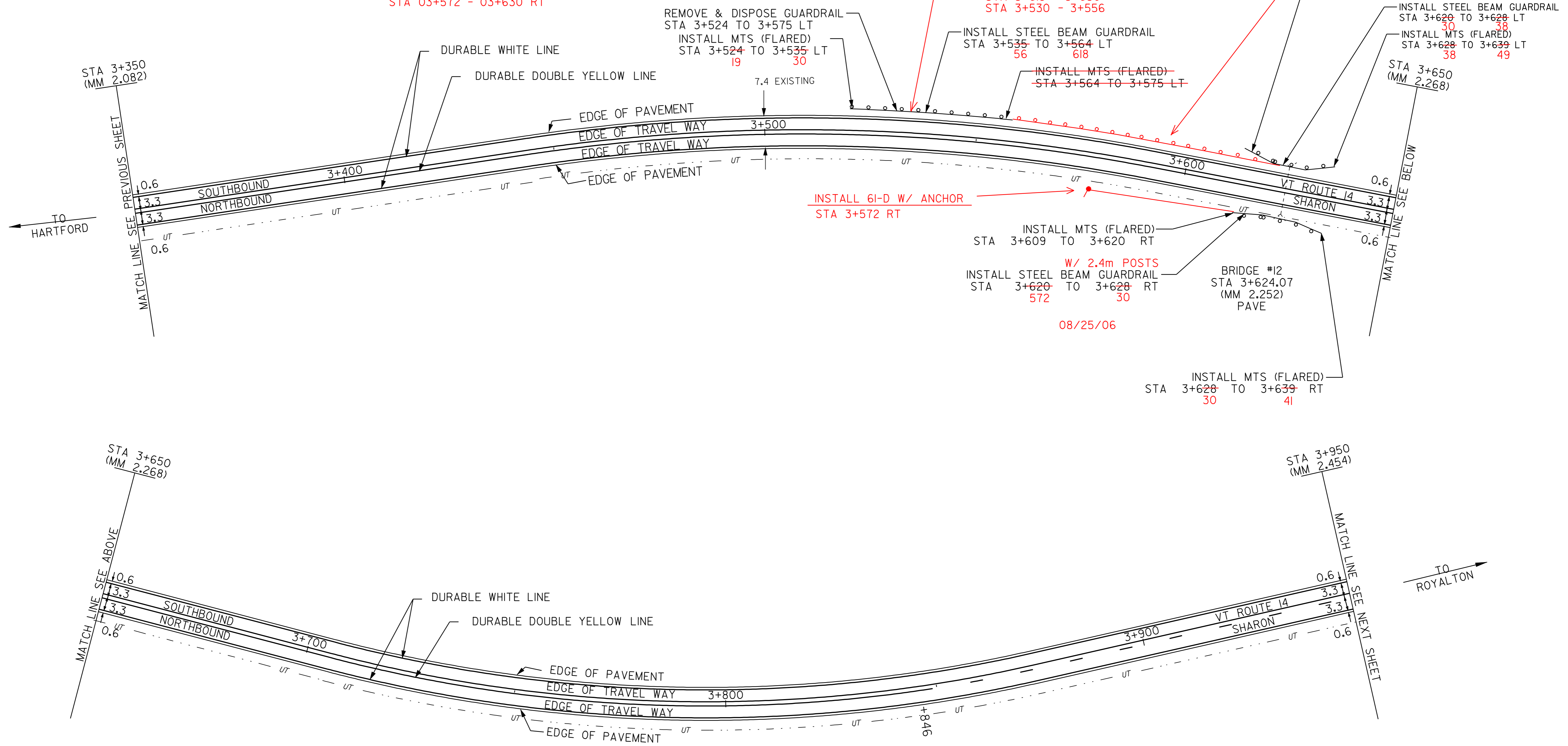
MANUFACTURED TERMINAL SECTION (FLARED)
 STA 3+524 TO 3+535 LT
~~STA 3+564 TO 3+575 LT~~
~~STA 3+609 TO 3+620 RT~~
~~STA 3+609 TO 3+620 LT~~
 STA 3+628 TO 3+639 RT 41
 STA 3+628 TO 3+639 LT
 38 49

REMOVE & DISPOSE GUARDRAIL
 STA 3+524 TO 3+575 LT
 STA 3+609 TO 3+639 LT
 STA 3+609 TO 3+639 RT

ANCHOR FOR STEEL BEAM
 STA 03+572 RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 3+350 TO 3+950 SOLID LT & RT

STEEL BEAM GUARDRAIL W/ 2.4m POSTS
 STA 03+618 - 03+630 LT
 STA 03+530 - 03+556 LT
 STA 03+572 - 03+630 RT



INSTALL 6I-D W/ ANCHOR
 STA 3+572 RT

INSTALL MTS (FLARED)
 STA 3+609 TO 3+620 RT
 W/ 2.4m POSTS
 INSTALL STEEL BEAM GUARDRAIL
 STA 3+620 TO 3+628 RT
 572 30

INSTALL MTS (FLARED)
 STA 3+628 TO 3+639 RT
 30 41

BRIDGE #12
 STA 3+624.07
 (MM 2.252)
 PAVE

08/25/06

NOT TO SCALE

LEGEND

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

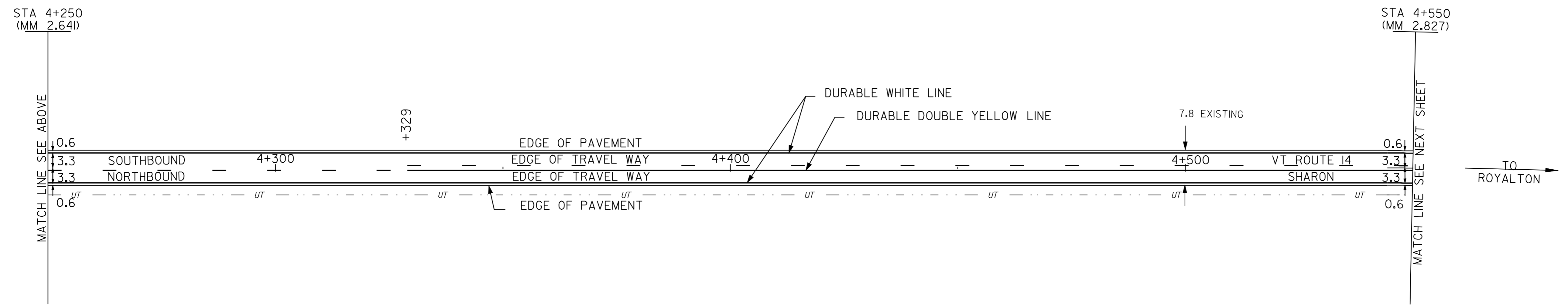
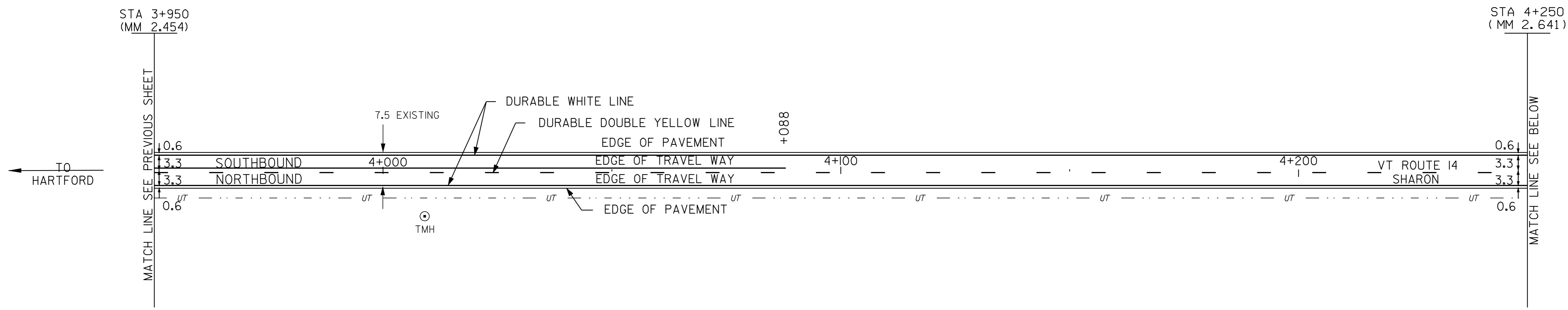
NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT #24	PROJECT: HARTFORD - ROYALTON	PROJECT NO. : STP 212(K)S
	DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i24.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 34 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 3+950 TO 4+088 SOLID LT, DASHED RT
 STA 4+088 TO 4+329 DASHED
 STA 4+329 TO 4+550 DASHED LT, SOLID RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 3+950 TO 4+550 SOLID LT & RT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #25

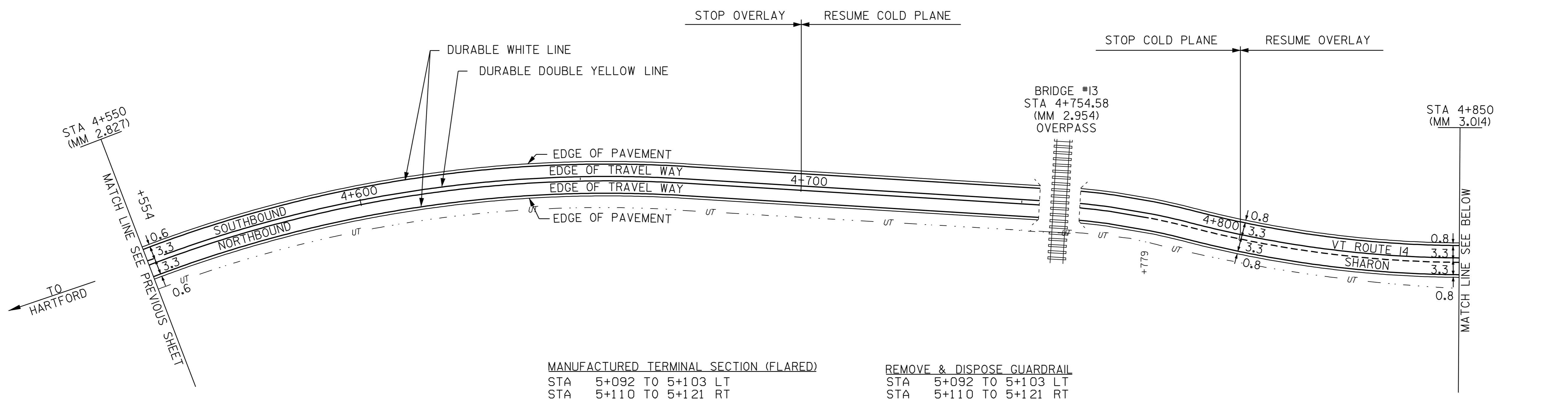
PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(I)S
DESIGN FILE NAME: /pave/98ci74/pol74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pol74i25.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 35 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 4+550 TO 4+554 DASHED LT, SOLID RT
 STA 4+554 TO 4+779 SOLID LT & RT
 STA 4+779 TO 5+021 SOLID LT, DASHED RT
 STA 5+021 TO 5+150 DASHED

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 4+550 TO 5+150 SOLID LT & RT

RELOCATE MAILBOX - ~~MULTIPLE~~ ^{SINGLE} SUPPORT
 STA 4+686 LT
 90

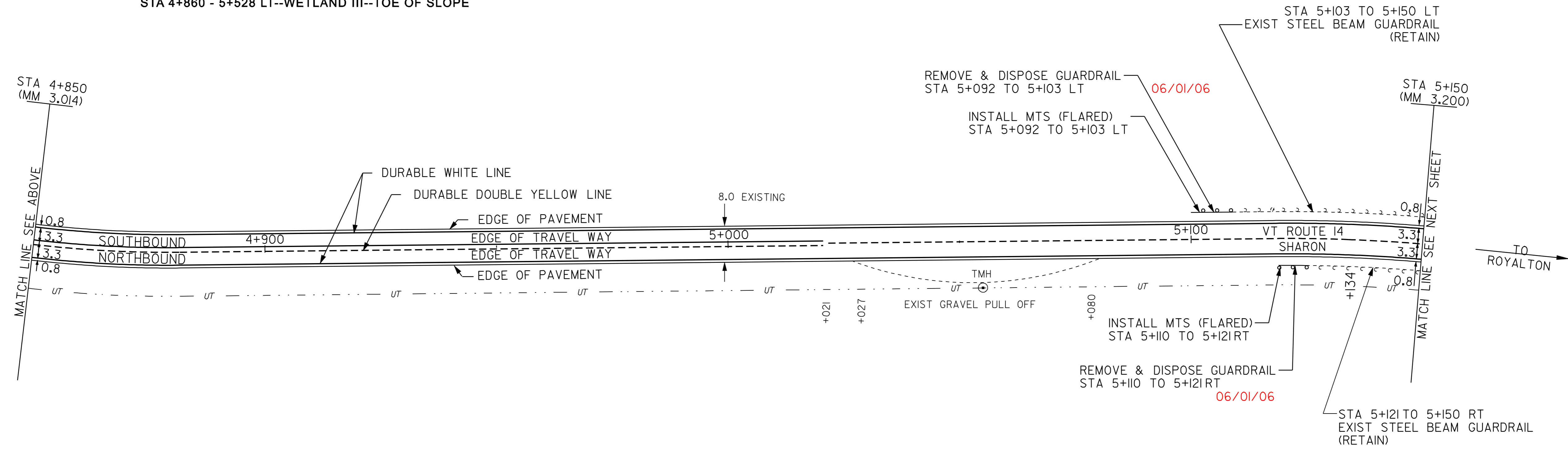
SHOULDER BERM REMOVAL
 STA 5+103 TO 5+150 LT
 STA 5+121 TO 5+150 RT



MANUFACTURED TERMINAL SECTION (FLARED)
 STA 5+092 TO 5+103 LT
 STA 5+110 TO 5+121 RT

REMOVE & DISPOSE GUARDRAIL
 STA 5+092 TO 5+103 LT
 STA 5+110 TO 5+121 RT

NATURAL RESOURCE LOCATION
 STA 4+860 - 5+528 LT--WETLAND III--TOE OF SLOPE



REMOVE & DISPOSE GUARDRAIL
 STA 5+092 TO 5+103 LT
 06/01/06

INSTALL MTS (FLARED)
 STA 5+092 TO 5+103 LT

INSTALL MTS (FLARED)
 STA 5+110 TO 5+121 RT

REMOVE & DISPOSE GUARDRAIL
 STA 5+110 TO 5+121 RT
 06/01/06

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #26	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pci74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pci74i26.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 36 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 5+150 TO 5+343 DASHED
 STA 5+343 TO 5+568 DASHED LT, SOLID RT
 STA 5+568 TO 5+750 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 5+493 TO 5+523 RT
 5+319 TO 5+323 RT
 REMOVAL & DISP. OF GUARDRAIL
 STA 5+319 TO 5+330 RT
 STA 5+494 TO 5+511 RT
 STA 5+524 TO 5+535 LT

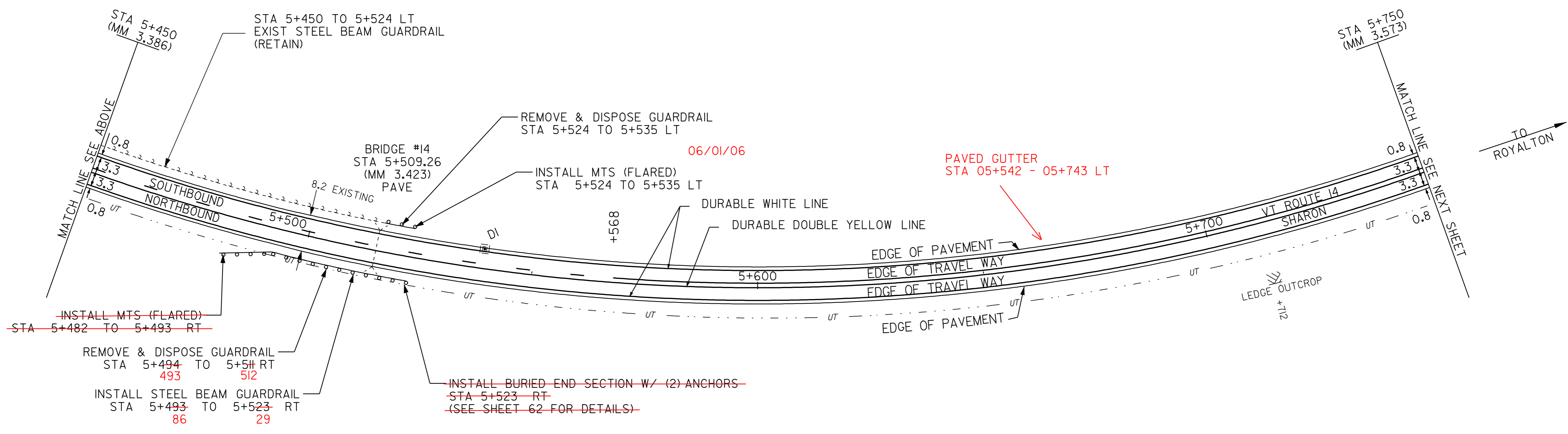
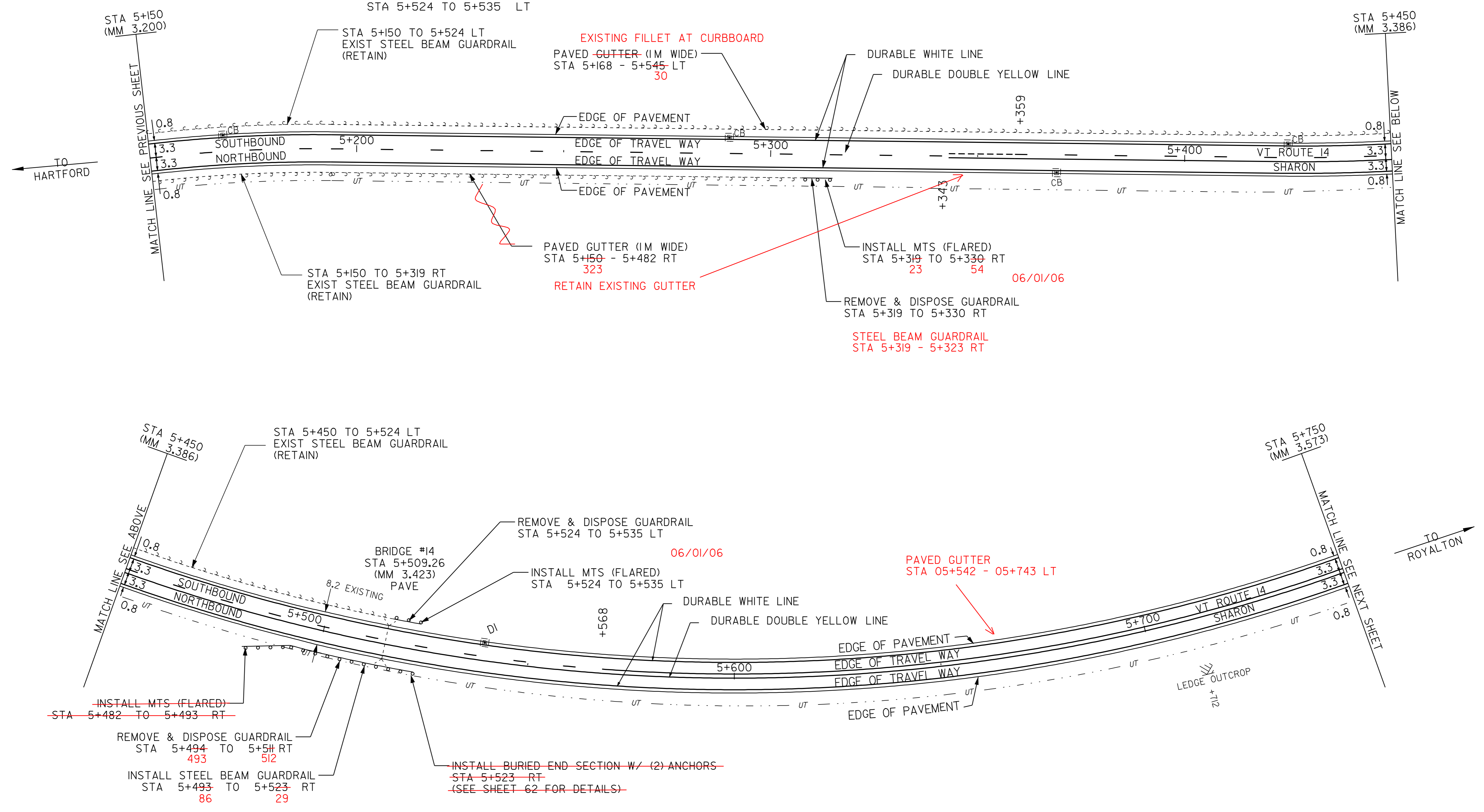
ANCHOR FOR STEEL BEAM RAIL
 STA 5+523 RT (2)
 SHOULDER BERM REMOVAL
 STA 5+150 TO 5+524 LT
 STA 5+150 TO 5+319 RT

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH
 STA 5+168 LT
 STA 5+290 LT
 STA 5+369 RT
 STA 5+425 LT
 STA 5+545 LT

BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND
~~STA 5+150 TO 5+482 RT~~
~~STA 5+168 TO 5+545 LT~~
 30
 STA 05+542 - 05+743 LT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 5+150 TO 5+750 SOLID LT & RT

MANUFACTURED TERMINAL SECTION (FLARED)
~~STA 5+319 TO 5+330 RT~~
~~STA 5+482 TO 5+493 RT~~
 STA 5+524 TO 5+535 LT



W/ 6-ID W/ ANCHORS
 AT EACH END
 06/08/06

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #27	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98ci74/pol74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pol74i27.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 37 OF 65	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 5+750 TO 6+053 SOLID LT & RT
 STA 6+059 DOUBLE SOLID RT (TH #11)
 STA 6+065 TO 6+300 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 5+750 TO 6+300 SOLID LT
 STA 5+750 TO 6+047 SOLID RT
 STA 6+071 TO 6+300 SOLID RT

TEMPORARY AND DURABLE 600 MM STOP BAR
 STA 6+059 RT (TH #11)

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 6+059 RT - "STOP" (TH #11)

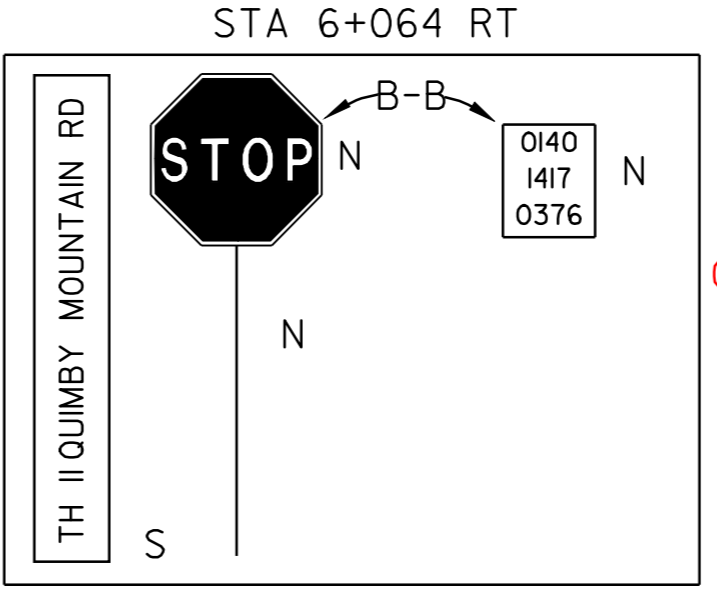
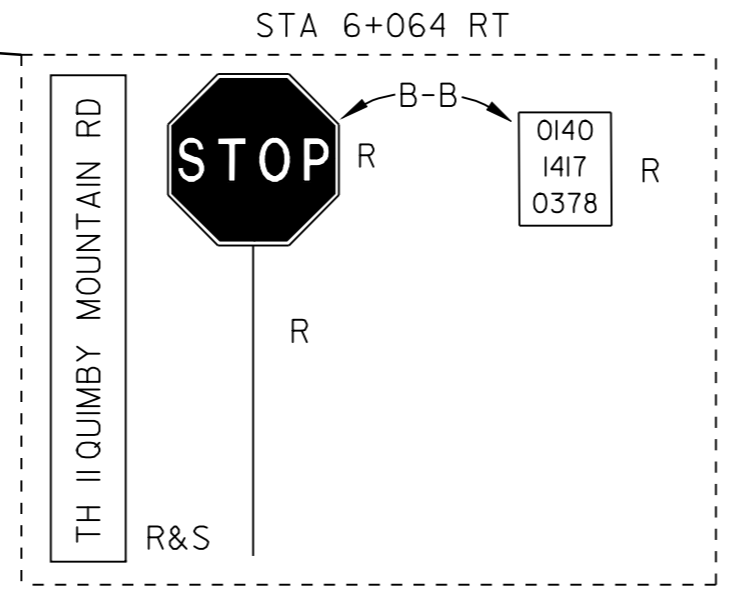
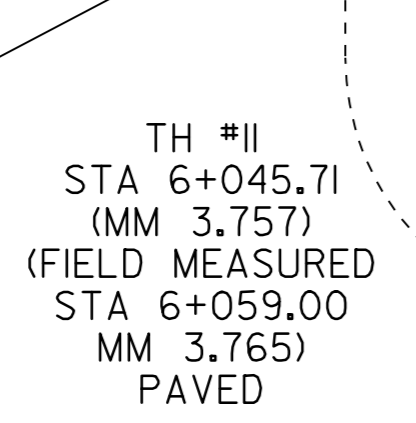
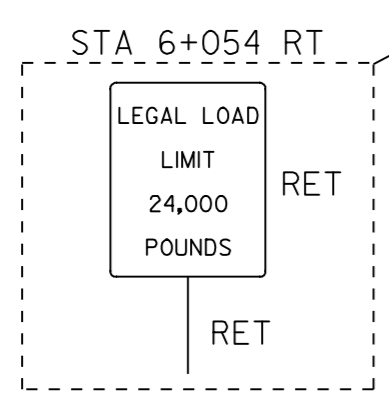
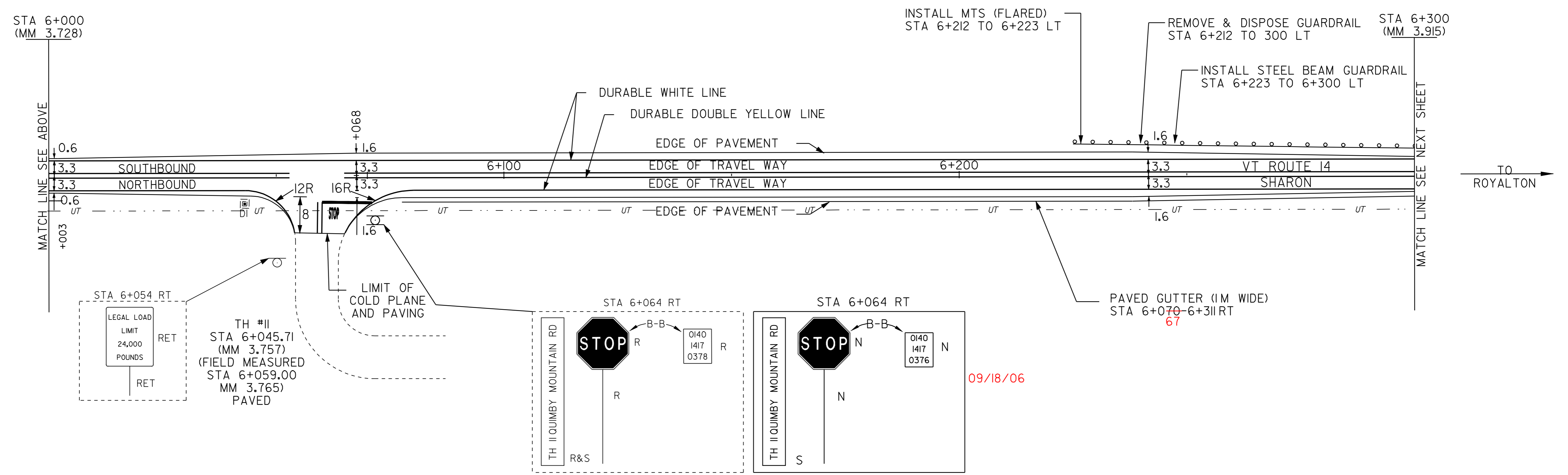
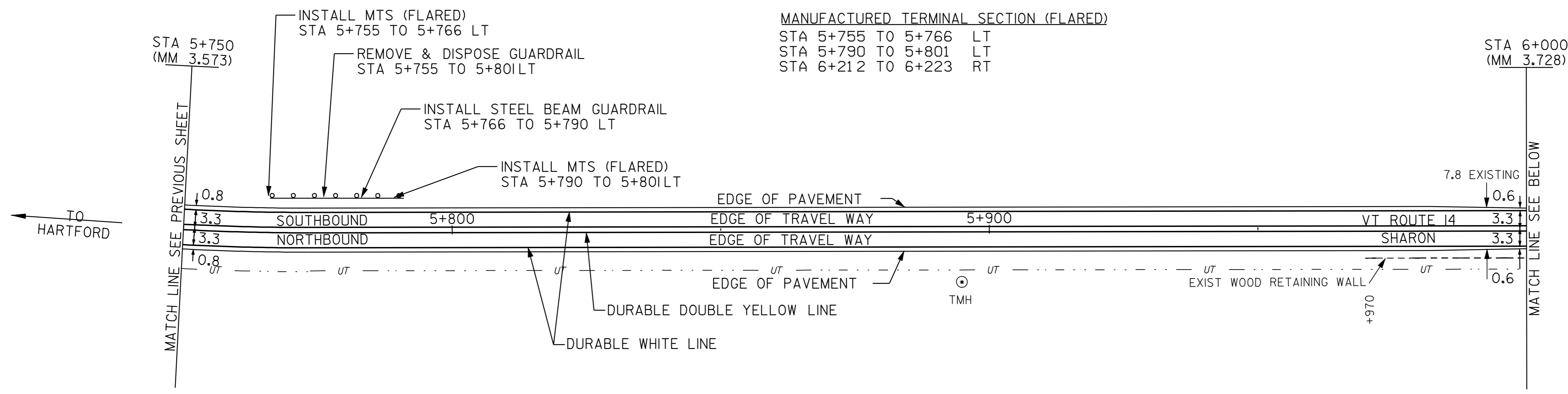
STEEL BEAM GUARDRAIL
 STA 5+766 TO 5+790 LT
 STA 6+223 TO 6+300 LT

REMOVAL & DISP. OF GUARDRAIL
 STA 5+755 TO 5+801 LT
 STA 6+212 TO 6+300 LT

BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND
 STA 6+070 TO 6+300 RT

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
 - = NEW RAIL
 - = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #28

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98ci74/pci74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pci74i28.i	SURVEYED BY: CLD_ENGINEERS_INC
SURVEYED BY: CLD_ENGINEERS_INC	SURVEY DATE: 8/99
SQUAD LEADER: WRH	DRAWN BY: REB
	SHEET: 38 OF 64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 6+300 TO 6+900 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 6+300 TO 6+900 SOLID LT & RT

BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND
 STA 6+300 TO 6+311 RT
 STA 6+384 TO 6+530 LT ← NEW CURB NO PAY

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH

STA 6+311 RT
 STA 6+500 LT
 STA 6+521 RT

SHOULDER BERM REMOVAL
 STA 6+696 TO 6+900 LT

TREATED TIMBER CURB
 STA 6+384 TO 6+516 LT

MANUFACTURED TERMINAL SECTION (FLARED)

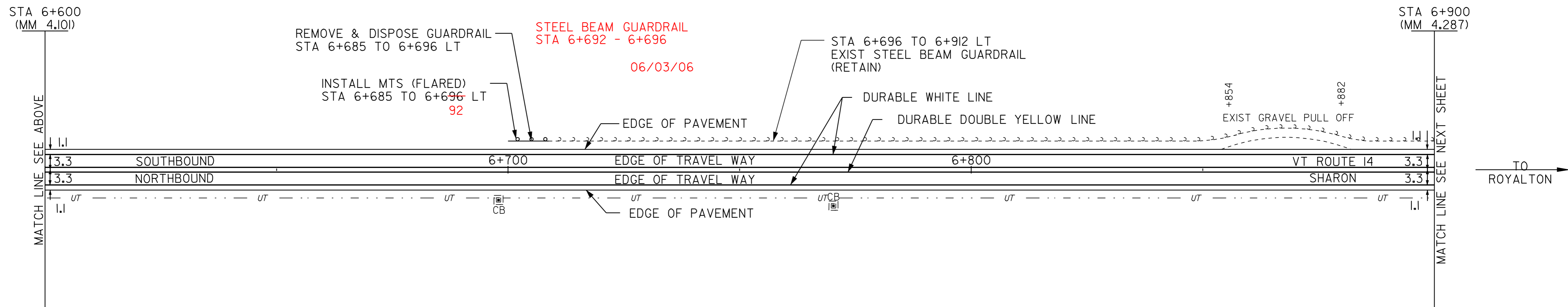
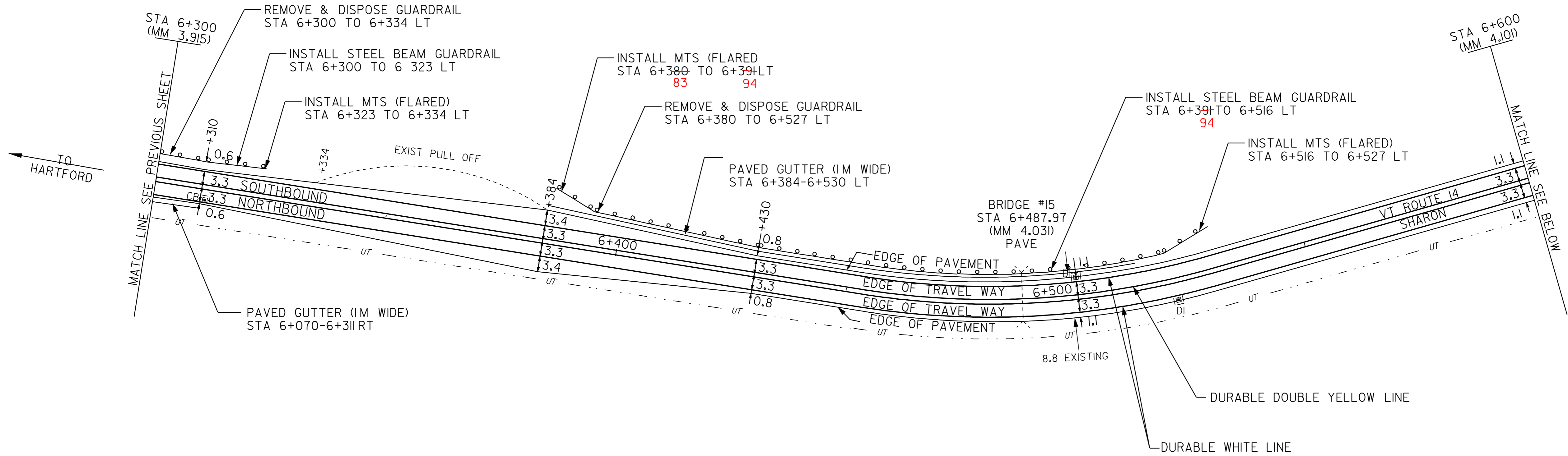
STA 6+323 TO 6+334 LT
 STA 6+380 TO 6+391 LT
 STA 6+516 TO 6+527 LT
 STA 6+685 TO 6+696 LT

STEEL BEAM GUARDRAIL
 STA 6+692 - 6+696

REMOVE & DISPOSE GUARDRAIL

STA 6+300 TO 6+334 LT
 STA 6+380 TO 6+527 LT
 STA 6+685 TO 6+696 LT

STEEL BEAM GUARDRAIL
 STA 6+394 - 6+516 LT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #29

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74129.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 39 OF 64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

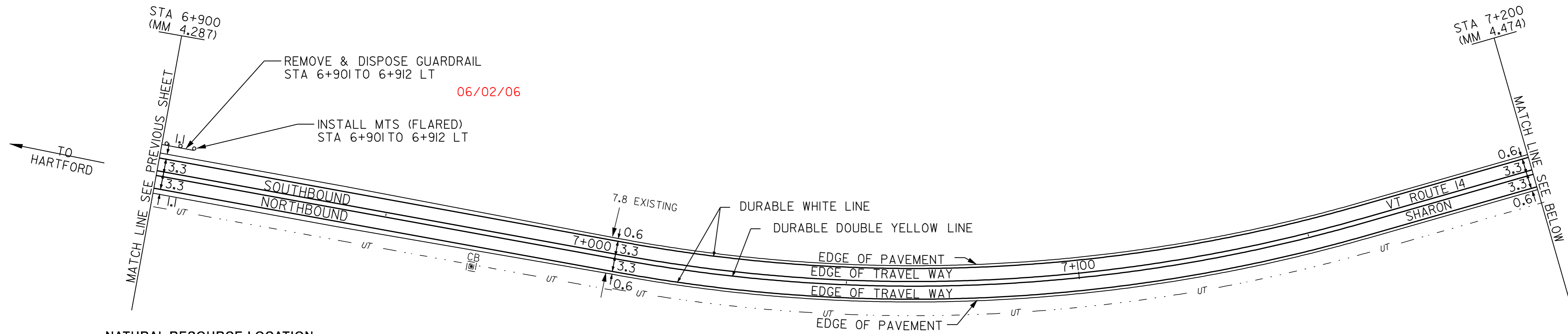
NOT TO SCALE

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 6+900 TO 7+500 SOLID LT & RT
 TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 6+900 TO 7+500 SOLID LT & RT

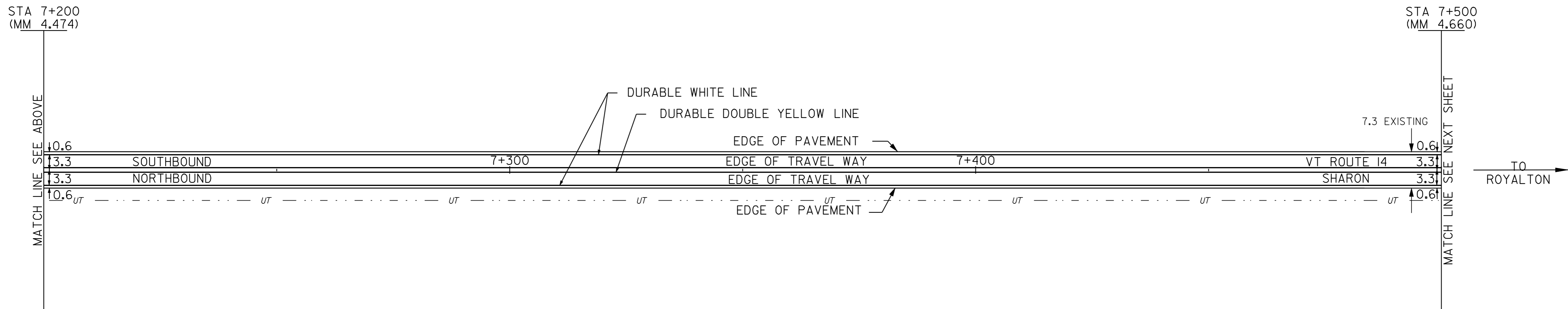
RELOCATE MAILBOX - ~~MULTIPLE~~ ^{SINGLE} SUPPORT
 STA 7+486 RT - 2 EACH
 80

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 6+901 TO 6+912 LT

REMOVE & DISPOSE GUARDRAIL
 STA 6+901 TO 6+912 LT



NATURAL RESOURCE LOCATION
 STA 3+399 - 3+510 LT--WETLAND III--TOE OF SLOPE
 STA 3+565 LT--WETLAND III--TOE OF SLOPE
 STA 3+603 RT--WETLAND III--TOE OF SLOPE
 STA 3+621 LT--WETLAND III--TOE OF SLOPE
 STA 3+829 LT--WETLAND III--TOE OF SLOPE



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PAVING
 PROJECT
 LAYOUT #30**

PROJECT: HARTFORD - ROYALTON	PROJECT NO. : STP 212(I)S
DESIGN FILE NAME: /pave/98cl74/pci74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pci74i30.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 40 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 7+500 TO 8+061 SOLID LT & RT
 STA 8+067 DOUBLE SOLID RT (VT ROUTE 132)
 STA 8+073 TO 8+100 SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 7+500 TO 8+100 SOLID LT
 STA 7+500 TO 8+055 SOLID RT
 STA 8+079 TO 8+100 SOLID RT

STEEL BEAM GUARDRAIL
 STA 7+782.4 TO 7+812.00 LT
 STA 7+782 TO 7+812.08 RT

REMOVAL & DISP. OF GUARDRAIL
 STA 7+774 TO 7+812 RT
 STA 7+792 TO 7+812 LT
 STA 7+860 TO 7+871 LT
 STA 7+964 TO 7+975 LT

ANCHOR FOR STEEL BEAM RAIL
 STA 7+782 RT 84
 STA 7+782 LT
~~STA 7+812 LT~~
 STA 7+812.08 RT
 7+975 LT

RELOCATE MAILBOX - SINGLE SUPPORT
 STA 7+545 RT

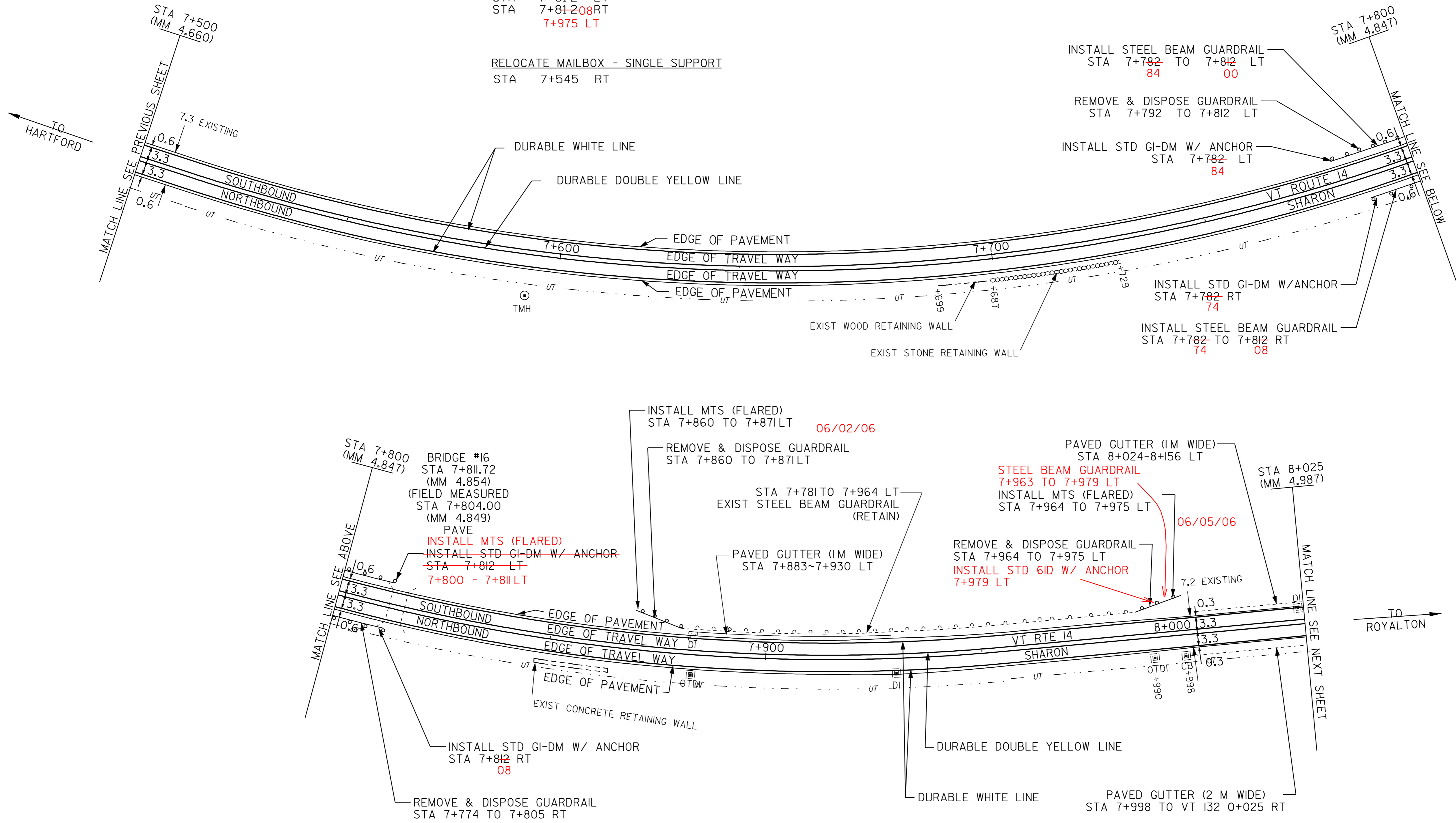
MANUFACTURED TERMINAL SECTION (FLARED)
 STA 7+860 TO 7+871 LT
 STA 7+964 TO 7+975 LT
 7+800 TO 7+811 LT

SHOULDER BERM REMOVAL
 STA 7+871 TO 7+964 LT

STEE

**CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH**
 STA 7+883 LT
 STA 7+883 RT OTDI
 STA 7+930 RT
 STA 7+990 RT OTDI
 STA 7+998 RT CB REHAB, TYPE E GRATE
 STA 8+024 LT

**BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND**
 STA 7+883 TO 7+930 LT
 STA 7+998 TO 8+025 RT
 STA 8+024 TO 8+025 LT



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #31	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl14/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i31	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
	SQUAD LEADER: WRH	SHEET: 41 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 8+100	TO	8+563	SOLID LT & RT
STA 8+569	TO	8+607	DOUBLE SOLID RT (TH #17)
STA 8+575	TO	8+607	SOLID LT & RT
STA 8+613	TO	8+700	DOUBLE SOLID LT (SA #3)
STA 8+619	TO	8+700	SOLID LT & RT

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 8+100	TO	8+601	SOLID LT
STA 8+625	TO	8+700	SOLID LT
STA 8+100	TO	8+557	SOLID RT
STA 8+581	TO	8+700	SOLID RT

TEMPORARY AND DURABLE 600 mm STOP BAR

STA 8+569	RT (TH #17)
STA 8+613	LT (SA #3)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 8+569	RT - "STOP" (TH #17)
STA 8+613	LT - "STOP" (SA #3)

STEEL BEAM GUARDRAIL

STA 8+410	TO	8+500	LT
STA 8+573	TO	8+609	LT
STA 8+617	TO	8+631	LT
STA 8+682	TO	8+700	RT

REMOVAL & DISP. OF GUARDRAIL

STA 8+399	TO	8+465	LT
STA 8+573	TO	8+609	LT
STA 8+617	TO	8+631	LT
STA 8+671	TO	8+700	RT

ANCHOR FOR STEEL BEAM RAIL

STA 8+500	LT
STA 8+573	LT (-2)
STA 8+631	RT

MANUFACTURED TERMINAL SECTION

STA 8+410	TO	8+421	LT
STA 8+671	TO	8+682	RT

CHANGING ELEV. OF DI, CB OR MH

STA 8+164	RT
STA 8+195	RT
STA 8+234	RT
STA 8+439	RT
STA 8+684	RT

ERECTING SALVAGED SIGNS

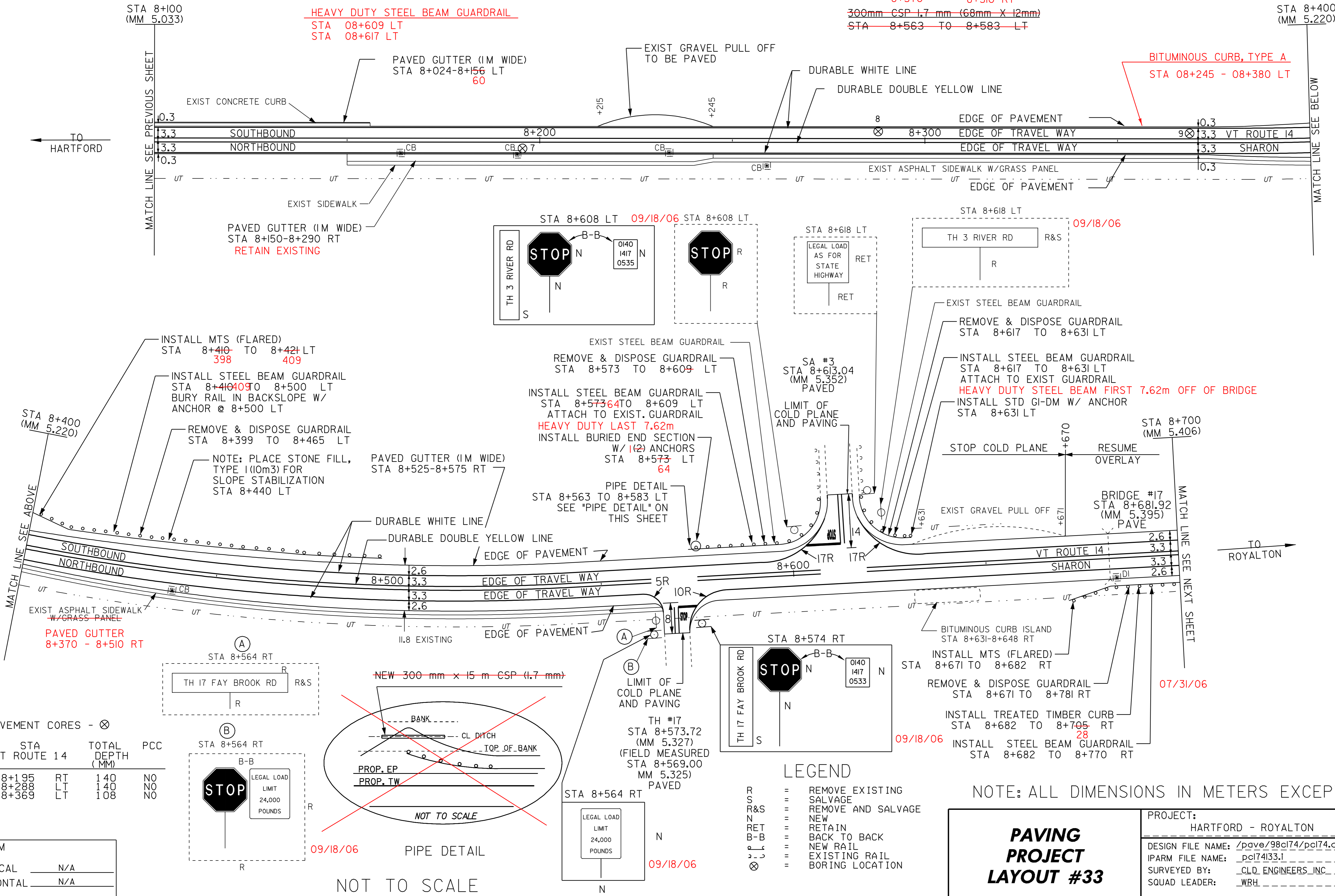
AS SHOWN - 2

REMOVING SIGNS

AS SHOWN - 4

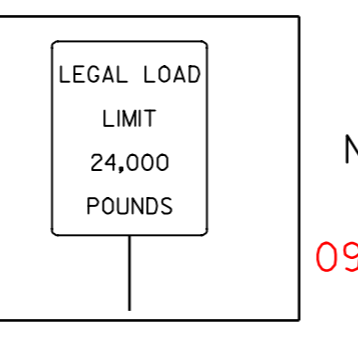
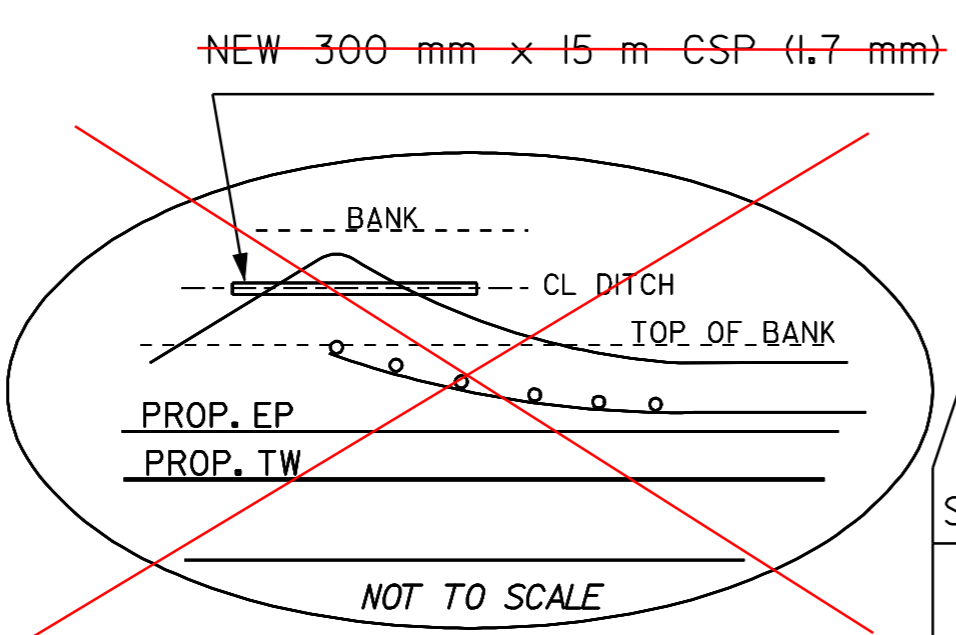
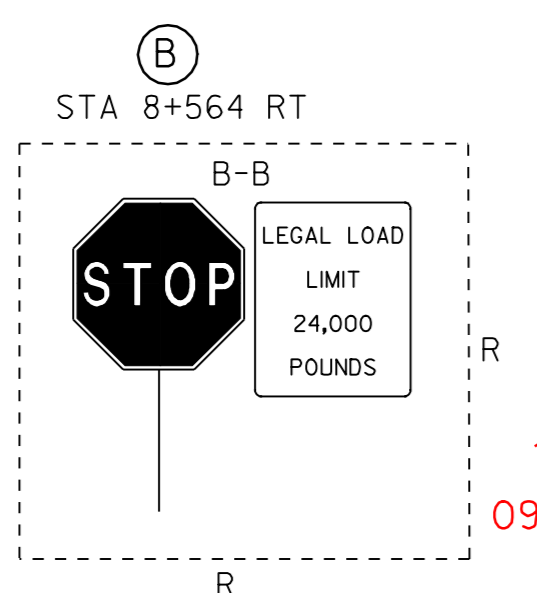
TREATED TIMBER CURB

STA 8+682	TO	8+700	RT
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PAVEMENT CORES - ⊗

#	STA	VT ROUTE 14	TOTAL DEPTH (MM)	PCC
7	8+195	RT	140	NO
8	8+288	LT	140	NO
9	8+369	LT	108	NO



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #33

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pol74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pol74i33.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 43 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 8+700 TO 9+300 SOLID LT & RT
 TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 8+700 TO 9+300 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 8+700 TO 8+770 RT
 STA 8+763.61 TO 8+843.784 LT
 STA 8+881.83 TO 9+215.18 LT
 8+799 - 8+845

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 8+752 TO 8+763 LT
 STA 8+770 TO 8+781 RT
 9+218 - 9+229

CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH, CLASS I
 STA 8+780 RT OTDI

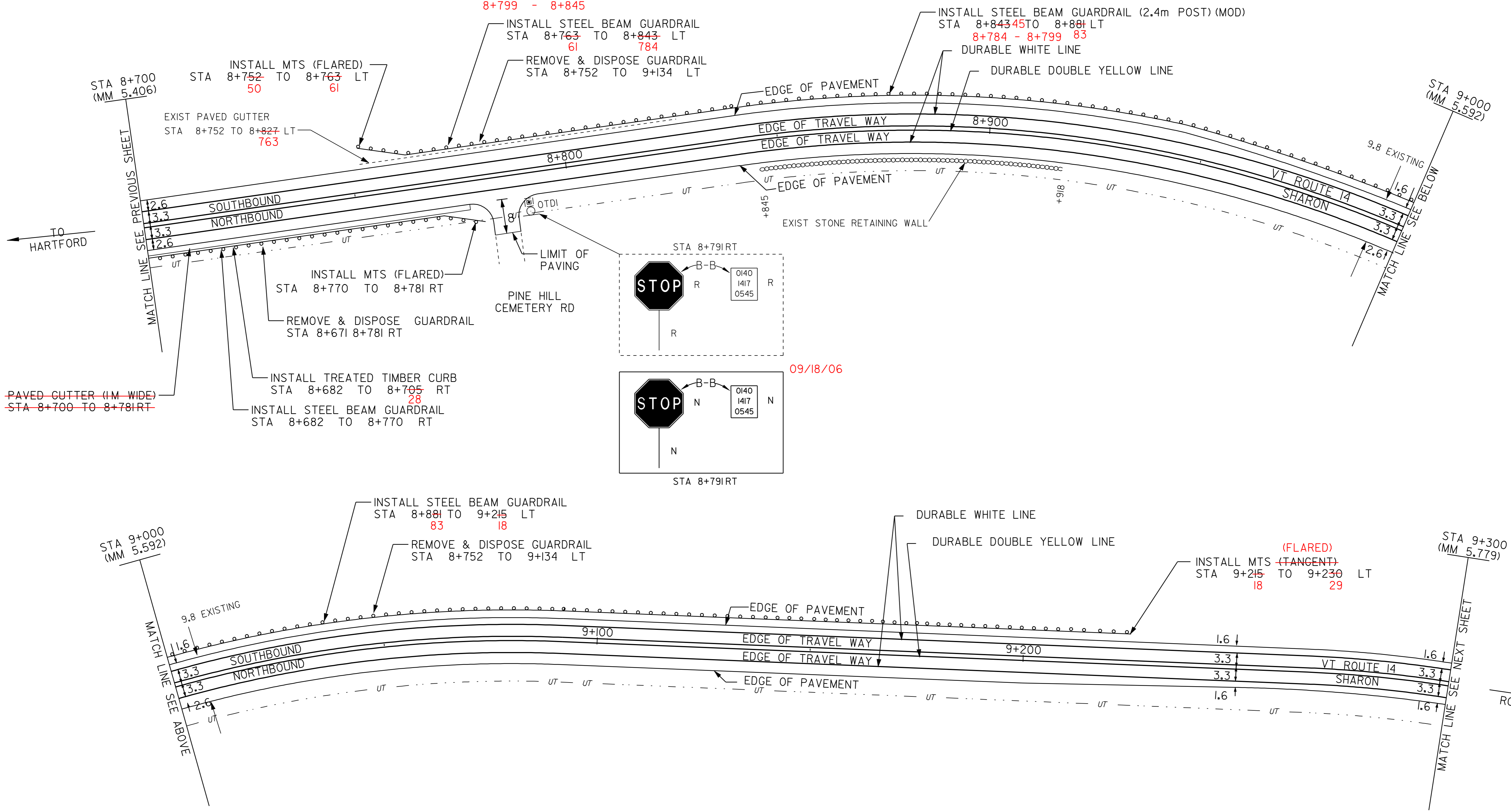
REMOVING SIGNS
 AS SHOWN--2

REMOVAL & DISP. OF GUARDRAIL
 STA 8+700 TO 8+781 RT
 STA 8+752 TO 9+134 LT

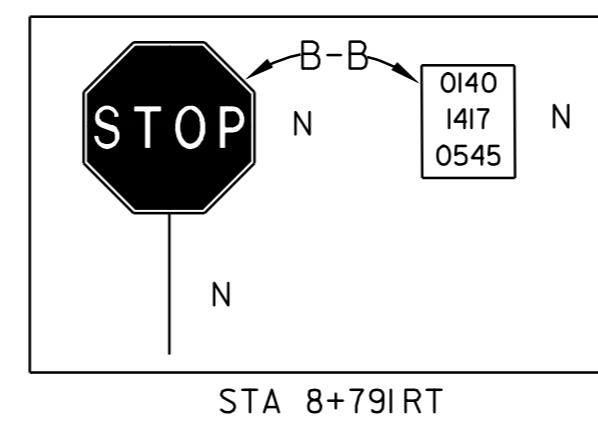
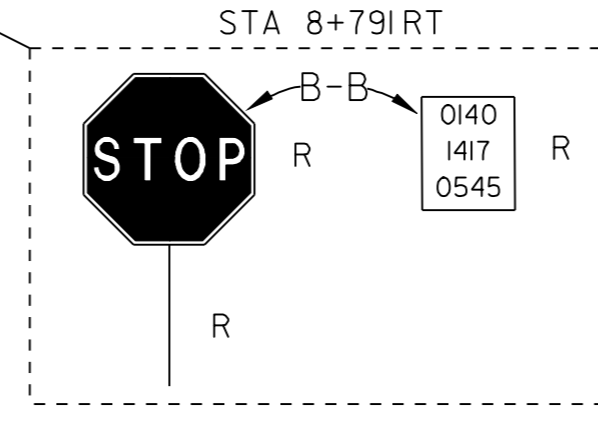
TREATED TIMBER CURB
 STA 8+700 TO 8+705 RT
 STEEL BEAM GUARDRAIL (2.4m POST) (MOD)
 STA 8+843 TO 8+881 LT
 45 83
 8+784 - 8+799 LT
 8+799 - 8+845

MANUFACTURED TERMINAL SECTION (TANGENT)
~~STA 9+215 TO 9+230 LT~~

BITUMINOUS CONCRETE
 GUTTER AND TRAFFIC ISLAND
 STA 8+752 TO 8+827 LT 763
 STA 8+700 TO 8+781 RT



~~PAVED GUTTER (1M WIDE)
 STA 8+700 TO 8+781 RT~~



09/18/06

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

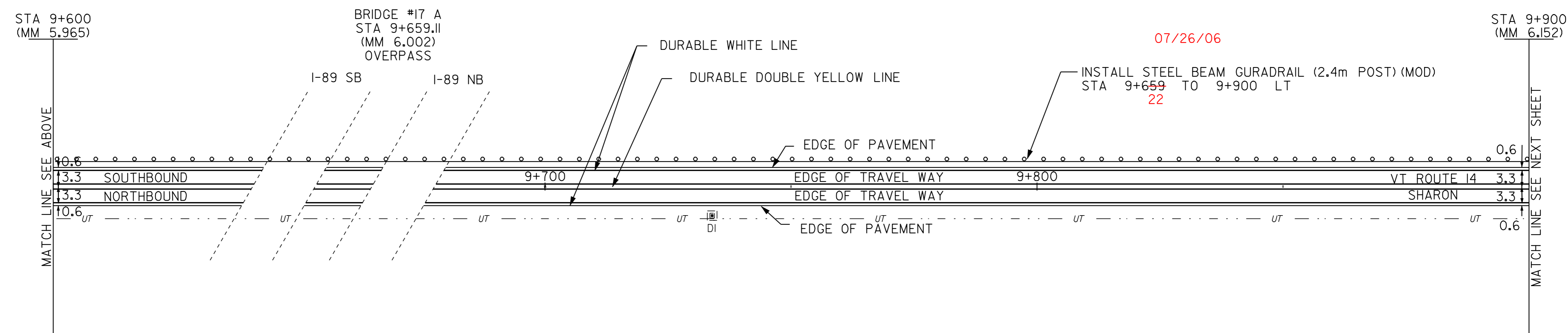
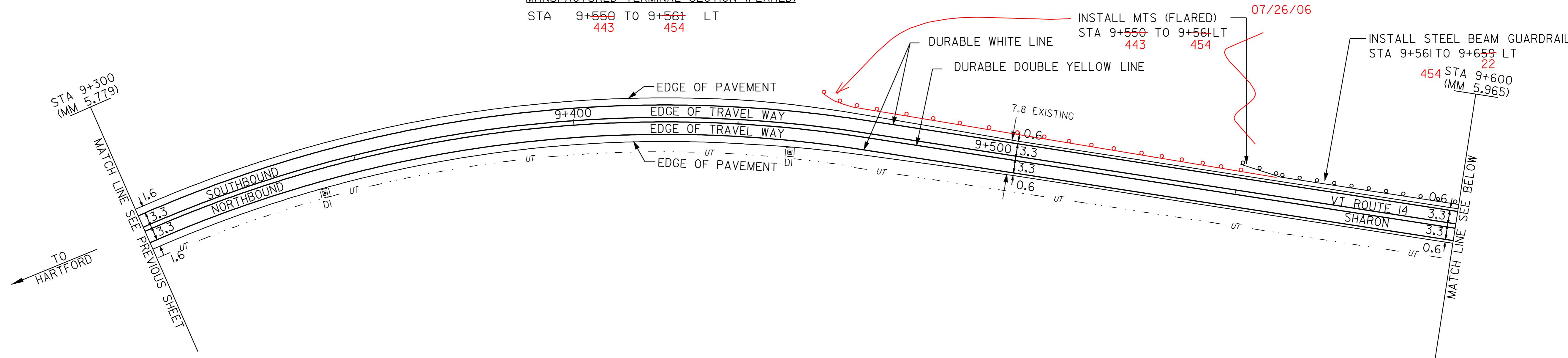
NOT TO SCALE

PAVING PROJECT LAYOUT #34	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl74/pci74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pci74134.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 44 OF 64	

TEMPORARY AND DURABLE 100 MM YELLOW LINE
 STA 9+300 TO 9+900 SOLID LT & RT
 TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 9+300 TO 9+900 SOLID LT & RT

STEEL BEAM GUARDRAIL (2.4m POST)(MOD)
 STA 9+659 TO 9+900 LT
 STEEL BEAM GUARDRAIL
 STA 9+561 TO 9+659 LT
 MANUFACTURED TERMINAL SECTION (FLARED)
 STA 9+550 TO 9+561 LT

MULTIPLE
 RELOCATE MAILBOX - SINGLE SUPPORT
 STA 9+770 RT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #35

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74135.l	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 45 OF 64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

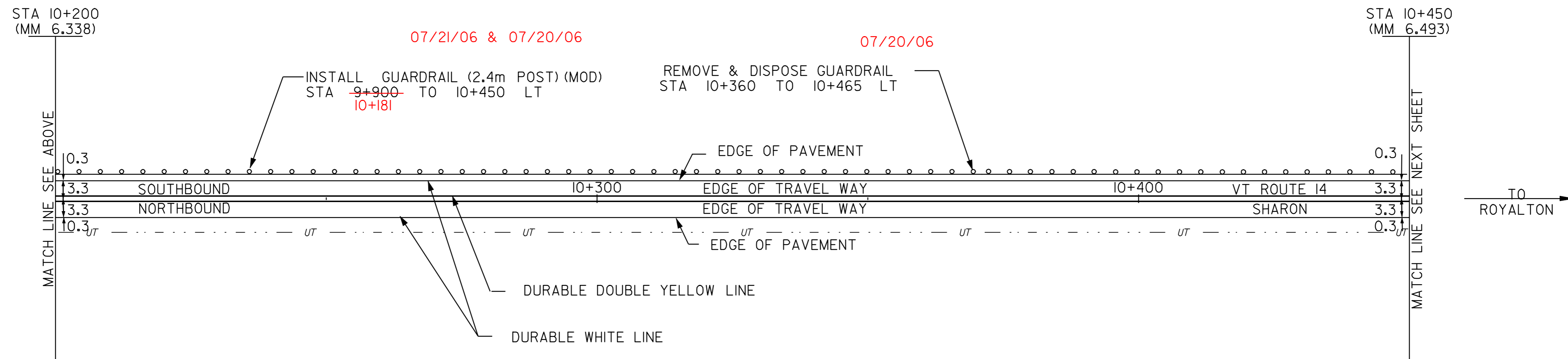
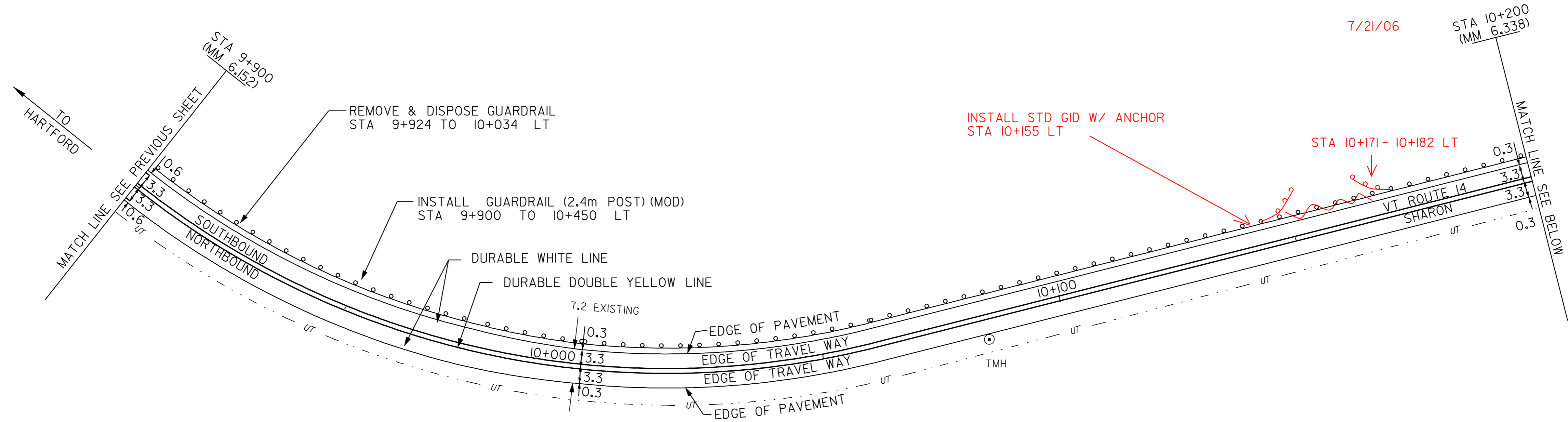
TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 9+900 TO 10+450 SOLID LT & RT
 TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 9+900 TO 10+450 SOLID LT & RT

STEEL BEAM GUARDRAIL (2.4m POST) (MOD)
 STA ~~9+900~~ TO 10+450 LT
 10+182
 9+900 - 10+140 LT

REMOVAL & DISP. OF GUARDRAIL
 STA 9+924 TO 10+034 LT
 STA 10+360 TO 10+450 LT

(FLARED)
 STA 10+170 - 10+182 LT

STEEL BEAM GUARDRAIL
 STA 10+140 - 10+155 RT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT #36

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pci74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pci74136.1	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 46 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 10+450	TO	10+486	SOLID LT & RT
STA 10+492	TO	10+492	DOUBLE SOLID RT (TH #7)
STA 10+498	TO	11+121	SOLID LT & RT
STA 11+121	TO	11+150	SOLID LT, DASHED RT

TEMPORARY AND DURABLE 100 MM WHITE LINE

STA 10+450	TO	11+150	SOLID LT
STA 10+450	TO	10+480	SOLID RT
STA 10+504	TO	11+150	SOLID RT

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 10+492	TO	10+492	RT - "STOP" (TH #7)
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REMOVAL & DISP. OF GUARDRAIL

STA 10+450	TO	10+465	LT
STA 10+597	TO	10+624	LT
STA 10+597	TO	10+624	RT
STA 11+107	TO	11+118	LT

STEEL BEAM GUARDRAIL (2.4m POST)(MOD.)

STA 10+450	TO	10+539	LT
STA 10+450	TO	10+460	RT

ANCHOR FOR STEEL BEAM RAIL

STA 10+594	TO	10+624	RT
STA 10+624	TO	10+624	RT

TEMPORARY AND DURABLE 600 mm STOP BAR

STA 10+492	TO	10+492	RT (TH #7)
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SHOULDER BERM REMOVAL

STA 11+118	TO	11+150	LT
------------	----	--------	----

STEEL BEAM GUARDRAIL 621

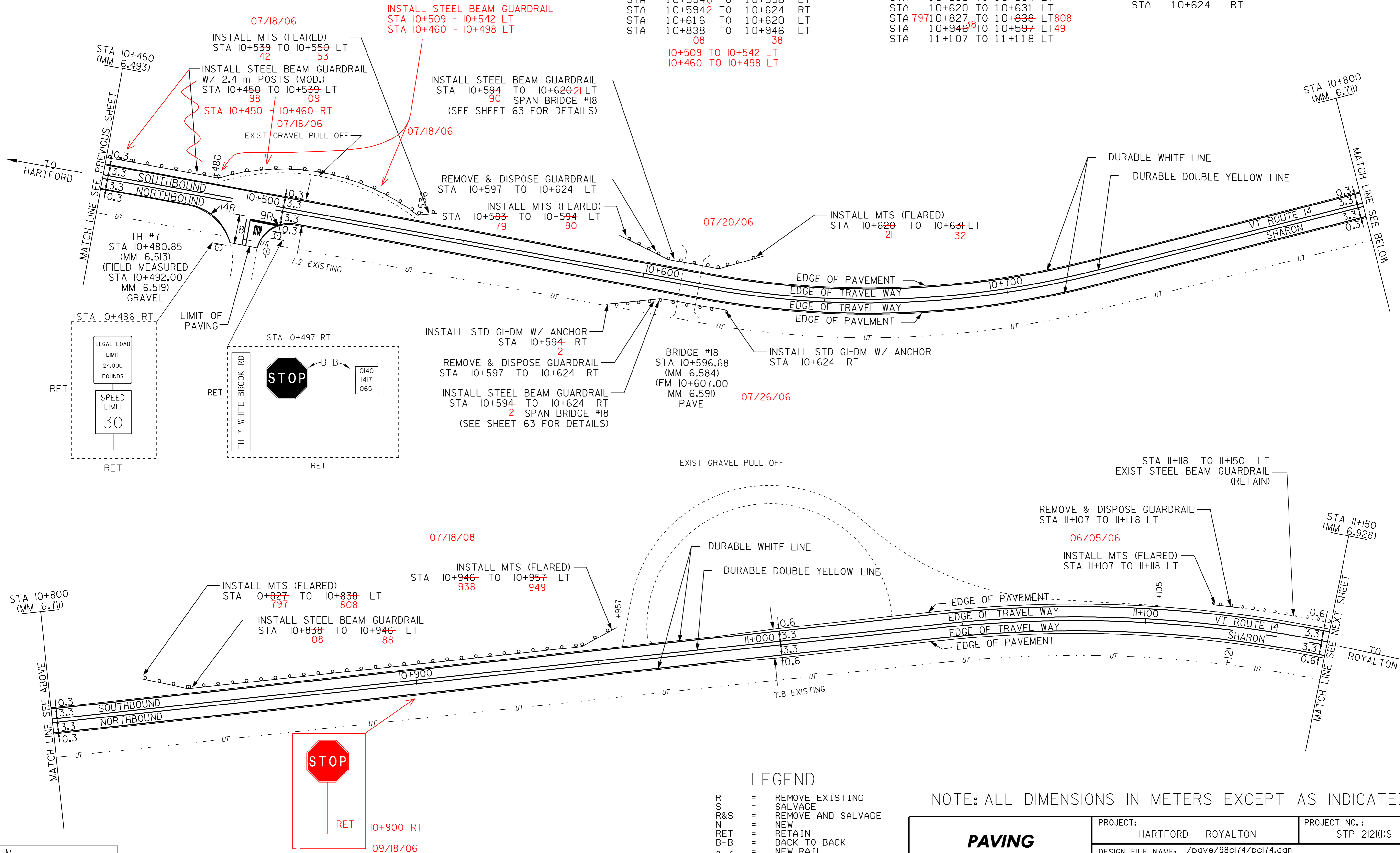
STA 10+594	TO	10+598	LT
STA 10+594	TO	10+624	RT
STA 10+616	TO	10+620	LT
STA 10+838	TO	10+946	LT

HEAVY DUTY STEEL BEAM GUARDRAIL

STA 10+598	TO	10+605	LT
STA 10+609	TO	10+616	LT

MANUFACTURED TERMINAL SECTION (FLARED)

STA 10+539	TO	10+550	LT
STA 10+583	TO	10+594	LT
STA 10+620	TO	10+631	LT
STA 10+827	TO	10+838	LT
STA 10+946	TO	10+957	LT
STA 11+107	TO	11+118	LT



LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
○	=	NEW RAIL
○	=	EXISTING RAIL
⊗	=	BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #37

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74i37.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 47 OF 64

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

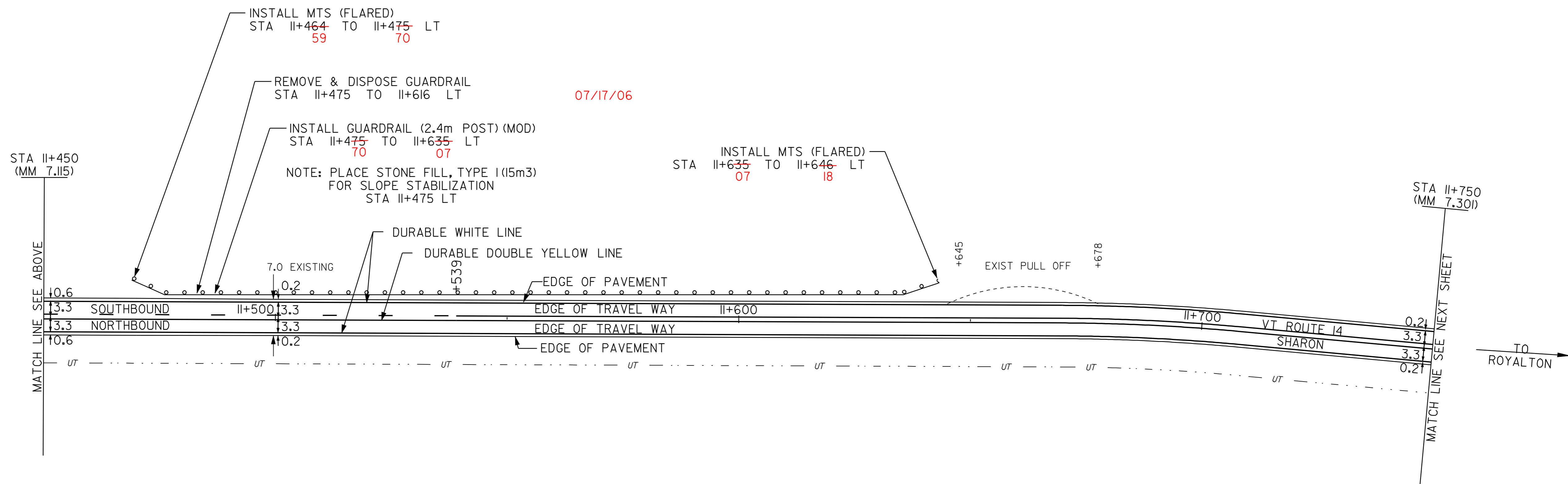
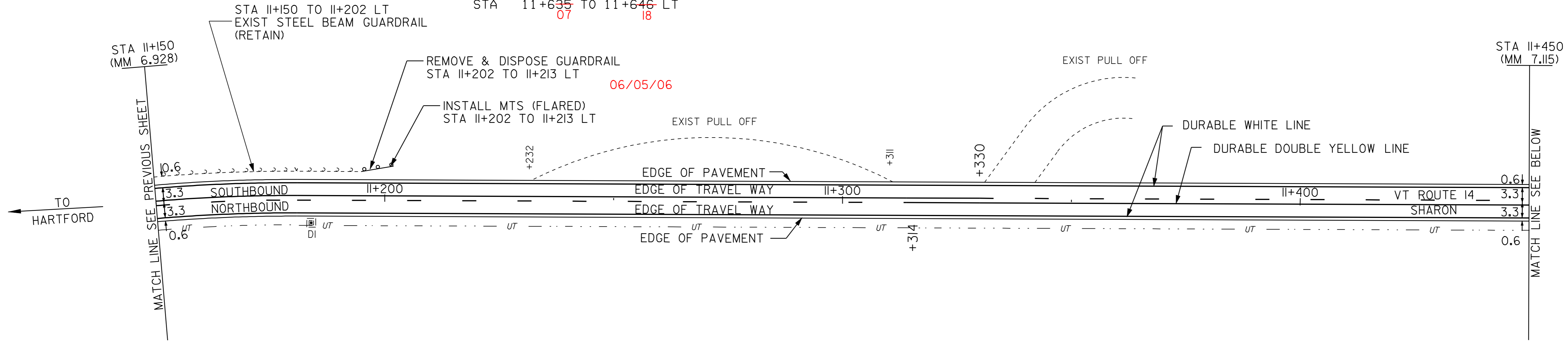
TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 11+150 TO 11+314 SOLID LT, DASHED RT
 STA 11+314 TO 11+330 SOLID LT & RT
 STA 11+330 TO 11+539 DASHED LT, SOLID RT
 STA 11+539 TO 11+750 SOLID LT & RT

STEEL BEAM GUARDRAIL (2.4m POST) (MOD)
 STA 11+475 TO 11+635 LT
REMOVAL & DISP. OF GUARDRAIL
 STA 11+202 TO 11+213 LT
 STA 11+475 TO 11+616 LT

SHOULDER BERM REMOVAL
 STA 11+150 TO 11+202 LT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 11+150 TO 11+750 SOLID LT & RT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 11+202 TO 11+213 LT
 STA 11+464 TO 11+475 LT
 STA 11+635 TO 11+646 LT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

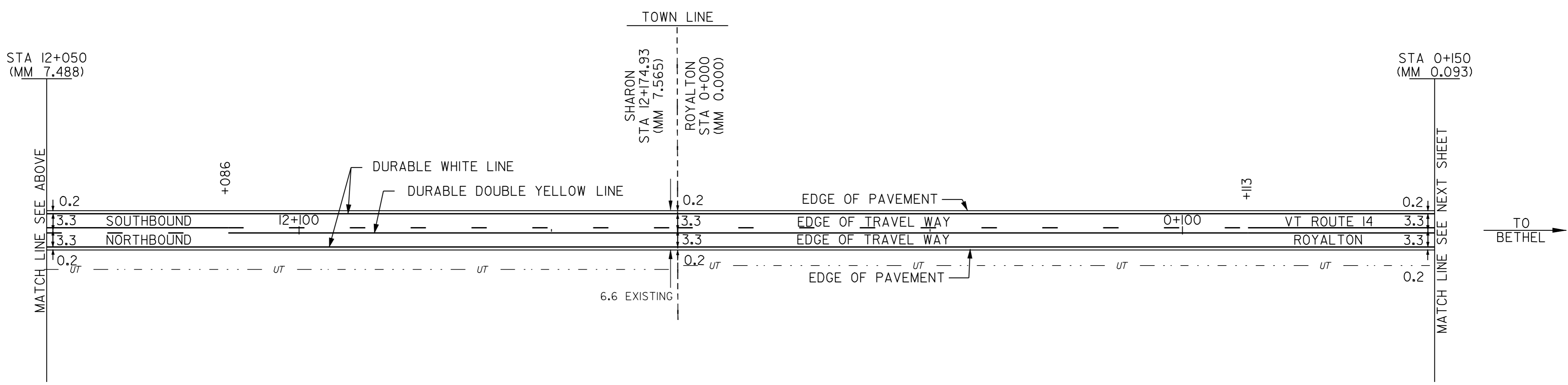
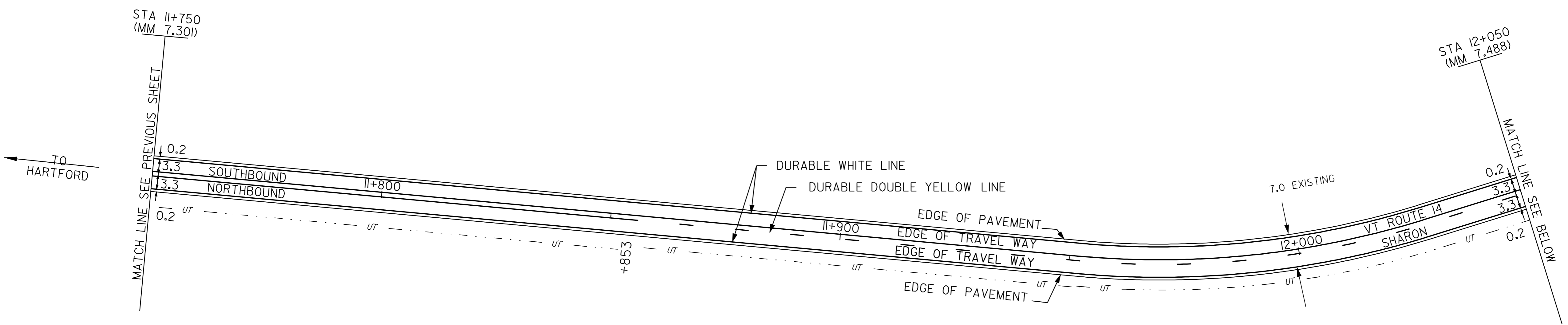
NOT TO SCALE

PAVING PROJECT LAYOUT #38

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74138.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 48 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 SHARON
 STA 11+750 TO 11+853 SOLID LT & RT
 STA 11+853 TO 12+086 SOLID LT, DASHED RT
 STA 12+086 TO 12+175 DASHED LT, SOLID RT
 ROYALTON
 STA 0+000 TO 0+113 DASHED LT, SOLID RT
 STA 0+113 TO 0+150 SOLID LT & RT

TEMPORARY AND DURABLE 100 MM WHITE LINE
 SHARON
 STA 11+750 TO 12+175 SOLID LT & RT
 ROYALTON
 STA 0+000 TO 0+150 SOLID LT & RT



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PAVING
PROJECT
LAYOUT #39**

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98ci74/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74i39.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 49 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 0+150 TO 0+750 SOLID LT & RT

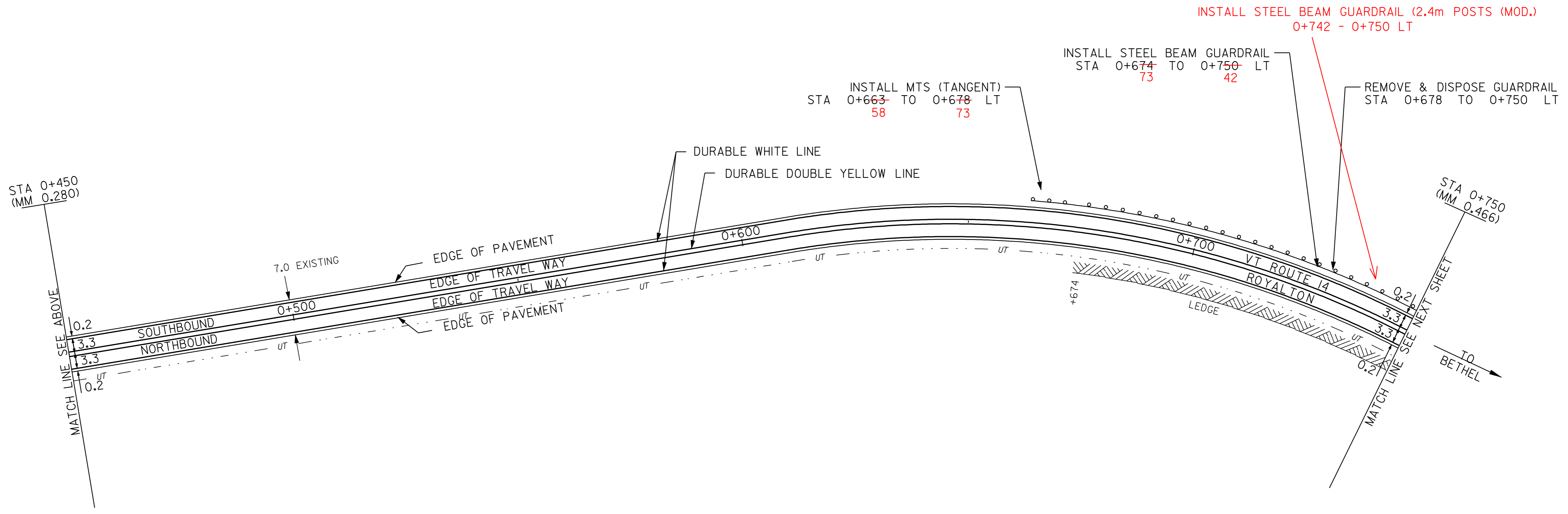
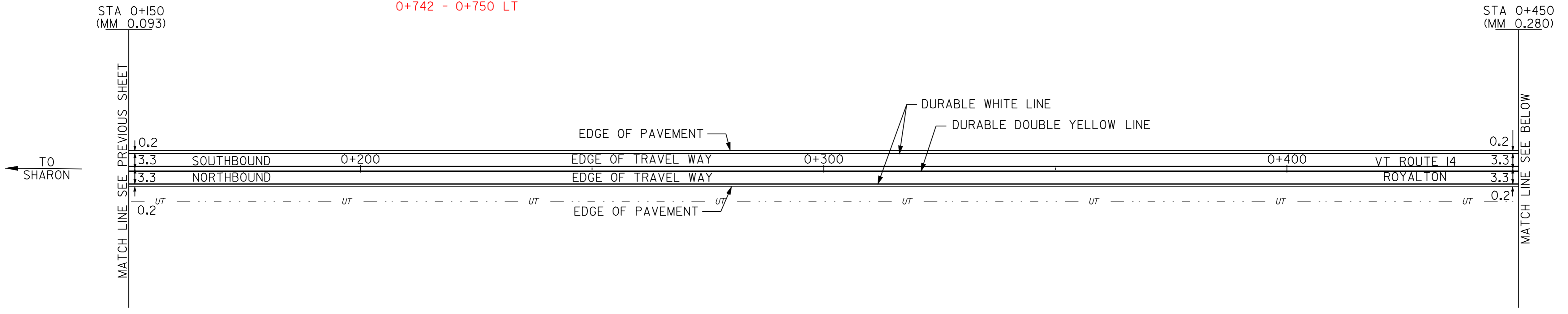
STEEL BEAM GUARDRAIL
 STA 0+674 TO 0+750 LT

MANUFACTURED TERMINAL SECTION (TANGENT)
 STA 0+663 TO 0+678 LT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 0+150 TO 0+750 SOLID LT & RT

REMOVAL & DISP. OF GUARDRAIL
 STA 0+674 TO 0+750 LT

STEEL BEAM GUARDRAIL (2.4m POSTS (MOD.))
 0+742 - 0+750 LT



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #40	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(I)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74i40.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 50 OF 64	

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 0+750 TO 1+350 SOLID LT & RT

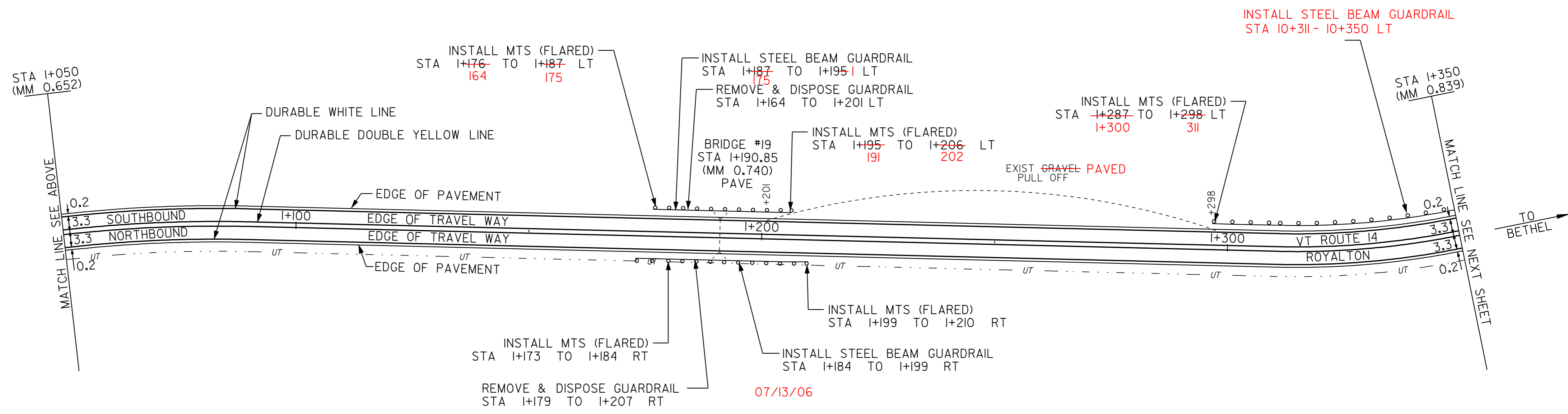
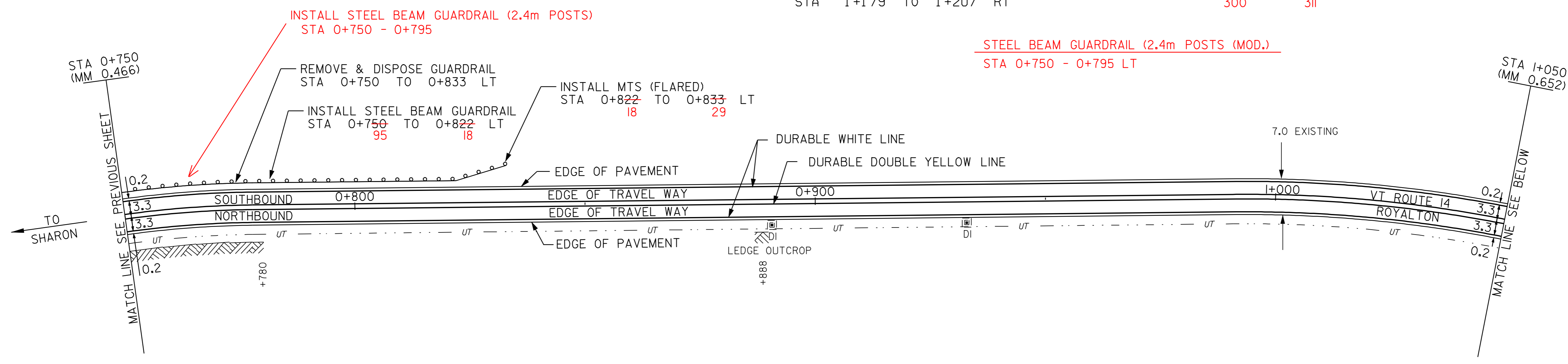
TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 0+750 TO 1+350 SOLID LT & RT

STEEL BEAM GUARDRAIL 18
 STA 0+750 TO 0+822 LT
 STA 1+184 TO 1+199 RT
 STA 1+187 TO 1+195 LT
 I+311 TO I+350 LT

~~STEEL BEAM GUARDRAIL (2.4m POST) (MOD)~~
~~STA 1+298 TO 1+350 LT~~

REMOVAL & DISPOSAL OF GUARDRAIL
 STA 0+750 TO 0+833 LT
 STA 1+164 TO 1+201 LT
 STA 1+179 TO 1+207 RT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 0+822 TO 0+833 LT
 STA 1+173 TO 1+184 RT
 STA 1+176 TO 1+187 LT
 STA 1+195 TO 1+206 LT
 STA 1+199 TO 1+210 RT
 STA 1+287 TO 1+298 LT
 300 311



- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - ⋯ = EXISTING RAIL
 - ⊗ = BORING LOCATION

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #41

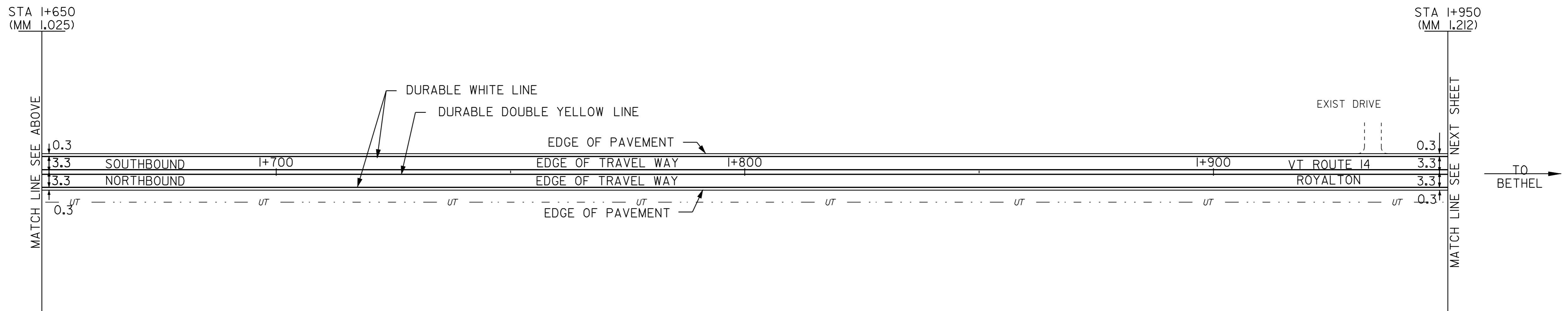
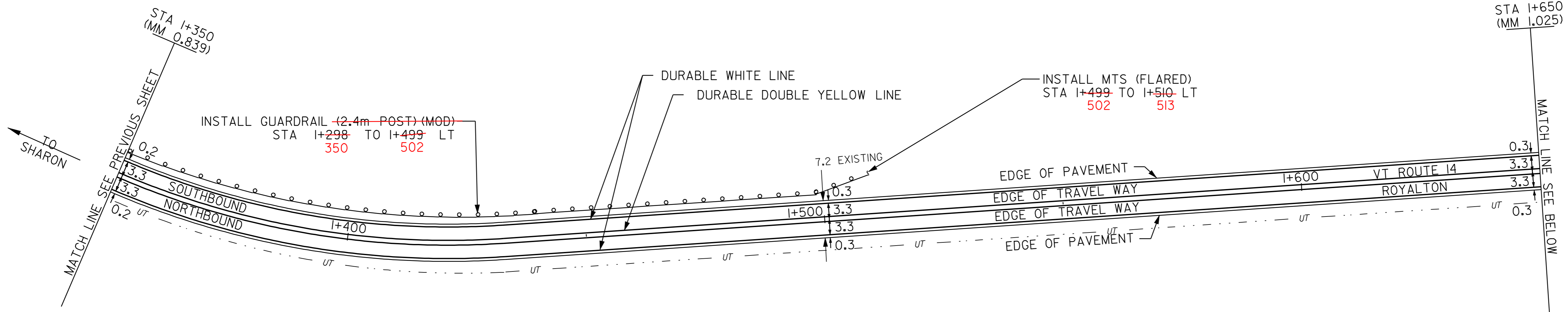
PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98ci74/pol74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pol74141	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 51 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 1+350 TO 1+950 SOLID LT & RT

STEEL BEAM GUARDRAIL (2.4m POST) (MOD)
 STA 1+350 TO 1+499 LT
 502

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 1+499 TO 1+510 LT
 502 513

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 1+350 TO 1+950 SOLID LT & RT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PAVING
PROJECT
LAYOUT #42**

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(I)S
DESIGN FILE NAME: /pave/98c174/pcl74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pcl74142.i	SURVEY DATE: 8/99
SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 52 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 1+950 TO 2+147 SOLID LT & RT
 STA 2+153 DOUBLE SOLID RT (TH #3)
 STA 2+159 TO 2+454 SOLID LT & RT
 STA 2+454 TO 2+500 SOLID LT, DASHED RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 1+950 TO 2+500 SOLID LT
 STA 1+950 TO 2+141 SOLID RT
 STA 2+165 TO 2+500 SOLID RT

REMOVAL & DISP. OF GUARDRAIL
 STA 2+305 TO 2+334 LT

TEMPORARY AND DURABLE 600 mm STOP BAR
 STA 2+153 RT (SA #3)

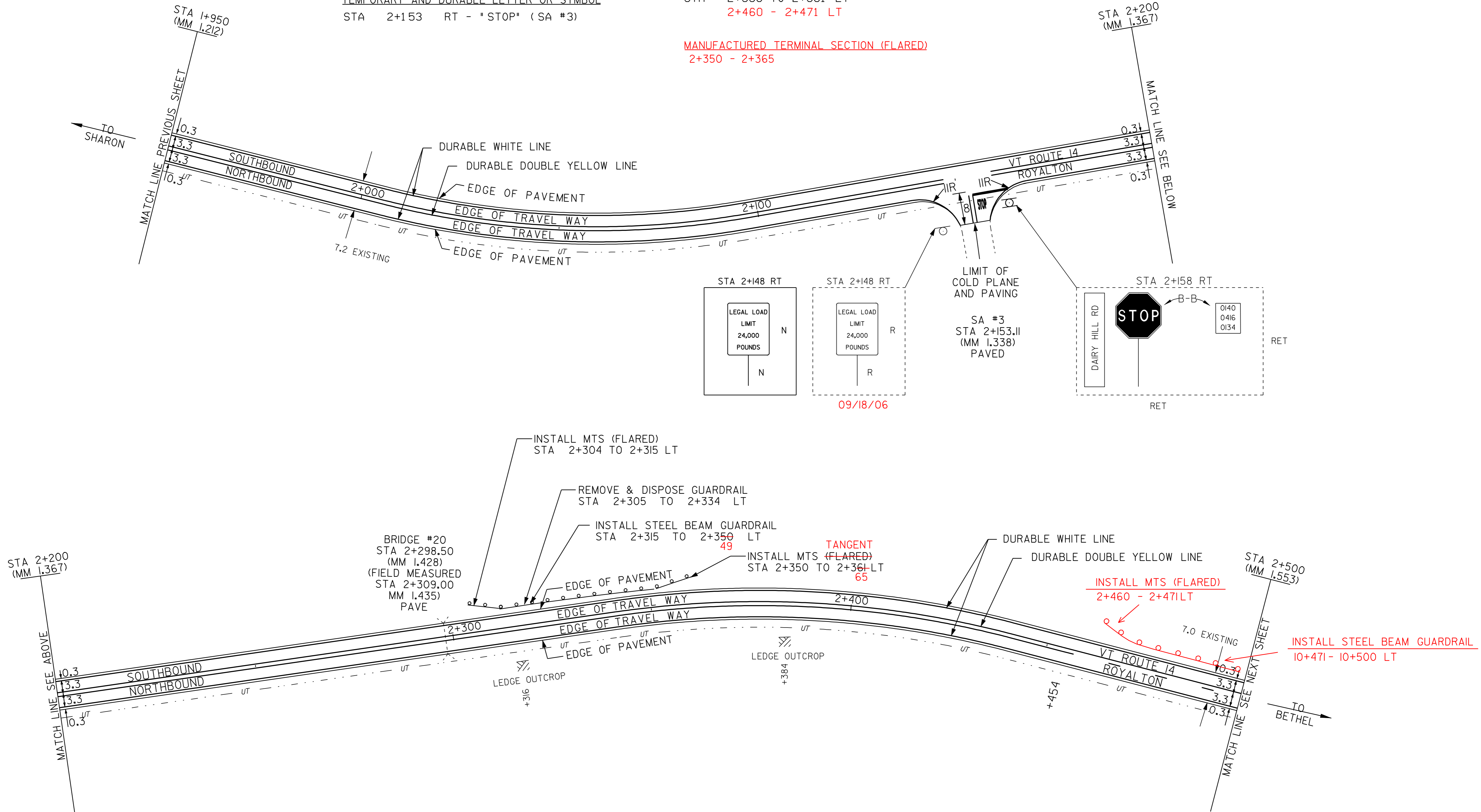
STEEL BEAM GUARDRAIL
 STA 2+315 TO 2+350 LT
 10+471 - 10+500 LT

REMOVING SIGNS
 AS SHOWN - 1

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 2+153 RT - "STOP" (SA #3)

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 2+304 TO 2+315 LT
 STA 2+350 TO 2+361 LT
 2+460 - 2+471 LT

MANUFACTURED TERMINAL SECTION (FLARED)
 2+350 - 2+365



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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #43

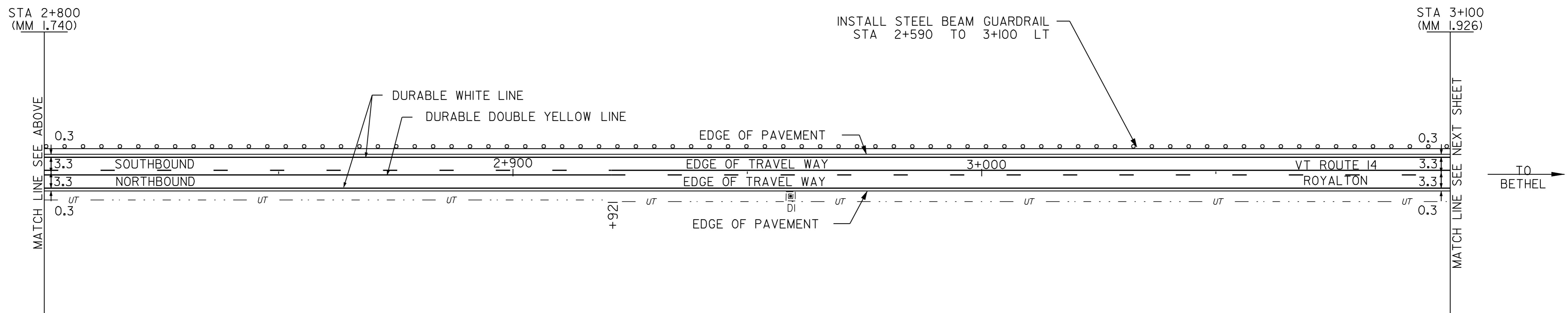
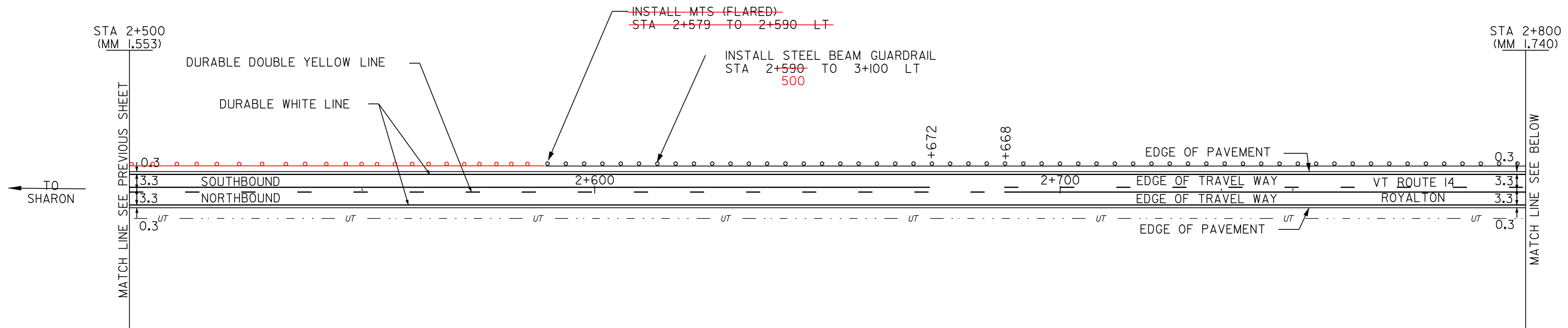
PROJECT:	HARTFORD - ROYALTON	PROJECT NO.:	STP 212(1)S
DESIGN FILE NAME:	/pave/98cl74/pci74.dgn	PLOT DATE:	21-MAR-2007
IPARM FILE NAME:	pci74i43.i	SURVEY DATE:	8/99
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	REB
SQUAD LEADER:	WRH	SHEET:	53 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 2+500 TO 2+672 SOLID LT DASHED RT
 STA 2+672 TO 2+688 DASHED
 STA 2+688 TO 2+921 DASHED LT, SOLID RT
 STA 2+921 TO 3+100 SOLID, LT, DASHED RT

TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 2+500 TO 3+100 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA ~~2+590~~ TO 3+100 LT
 2+500

~~MANUFACTURED TERMINAL SECTION (FLARED)~~
~~STA 2+579 TO 2+590 LT~~



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #44

PROJECT:	HARTFORD - ROYALTON	PROJECT NO.:	STP 212(1)S
DESIGN FILE NAME:	/pave/98cl74/pci74.dgn	PLOT DATE:	21-MAR-2007
IPARM FILE NAME:	pci74144.i	SURVEY DATE:	8/99
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	REB
SQUAD LEADER:	WRH	SHEET:	54 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE
 STA 3+100 TO 3+219 SOLID LT, DASHED RT
 STA 3+219 TO 3+412 DASHED LT, SOLID RT
 STA 3+412 TO 3+700 SOLID LT & SOLID RT

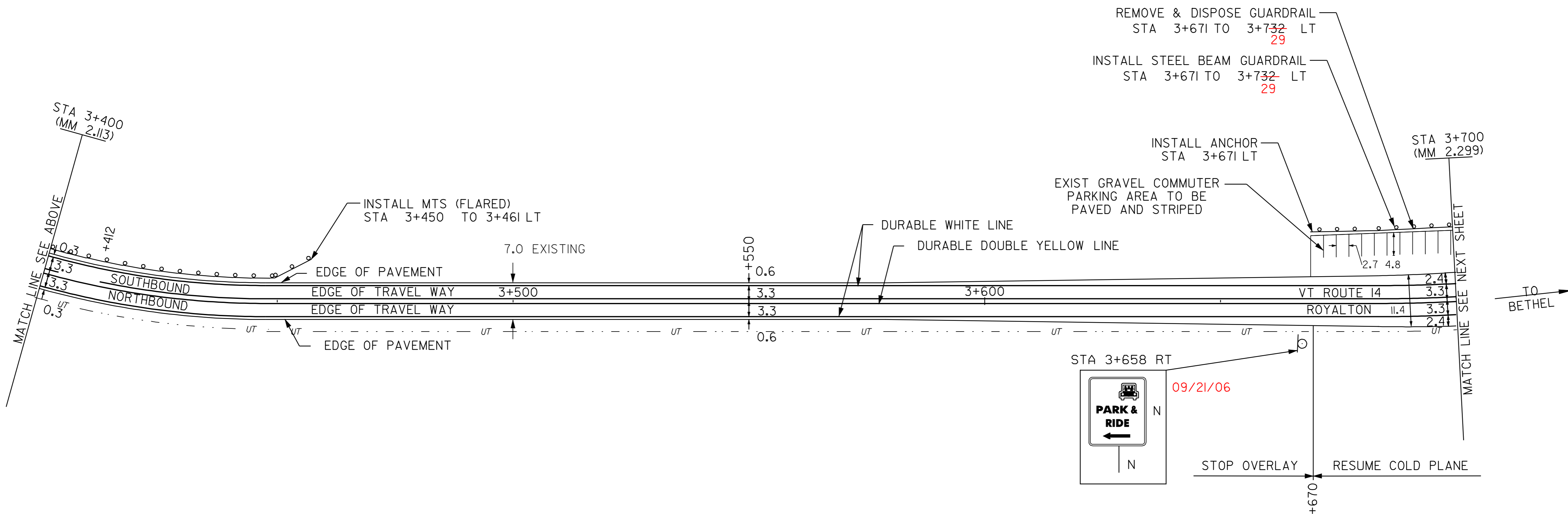
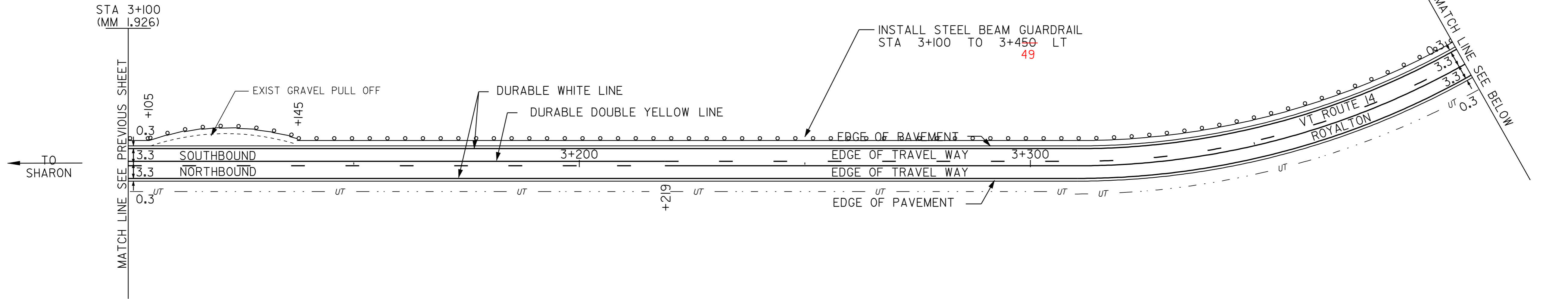
TEMPORARY AND DURABLE 100 mm WHITE LINE
 STA 3+100 TO 3+700 SOLID LT & RT

STEEL BEAM GUARDRAIL
 STA 3+100 TO 3+450 LT
 STA 3+671 TO 3+700 LT

ANCHOR FOR STEEL BEAM RAIL
 STA 3+671 LT

MANUFACTURED TERMINAL SECTION (FLARED)
 STA 3+450 TO 3+461 LT

REMOVE & DISPOSE GUARDRAIL
 STA 3+671 TO 3+700 LT



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PAVING PROJECT LAYOUT #45	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	PLOT DATE: 21-MAR-2007
	IPARM FILE NAME: pcl74145.i	SURVEY DATE: 8/99
	SURVEYED BY: CLD ENGINEERS INC	DRAWN BY: REB
	SQUAD LEADER: WRH	SHEET: 55 OF 64

TEMPORARY AND DURABLE 100 mm YELLOW LINE

STA 3+700 TO 3+747 SOLID LT& RT
 STA 3+759 TO 3+812 SOLID LT& RT

TEMPORARY AND DURABLE 100 mm WHITE LINE

STA 3+700 TO 3+730 SOLID LT
 STA 3+700 TO 3+753 (LIMIT OF PAVING) (VT RT 110) SOLID RT
 STA 3+700 TO 3+753 (LIMIT OF PAVING) (SA #1) (51M) SOLID LT
 LIMIT OF PAVING (SA #1) TO STA 3+799 (66M) SOLID LT
 LIMIT OF PAVING (VT RT 110) TO STA 3+795 (10M) SOLID RT
 STA 3+795 TO 3+812 SOLID RT
 STA 3+799 TO 3+812 SOLID LT
 STA 3+700 TO 3+750 SOLID LT (PARKING)

TEMPORARY AND DURABLE CROSSWALK W/DIAGONAL LINES

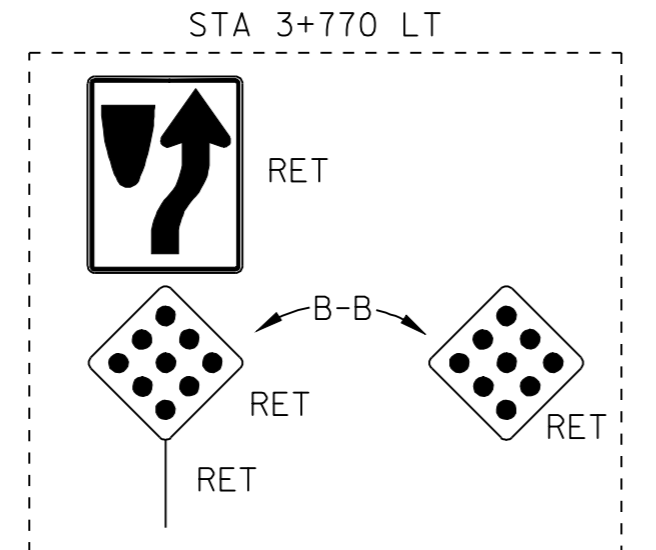
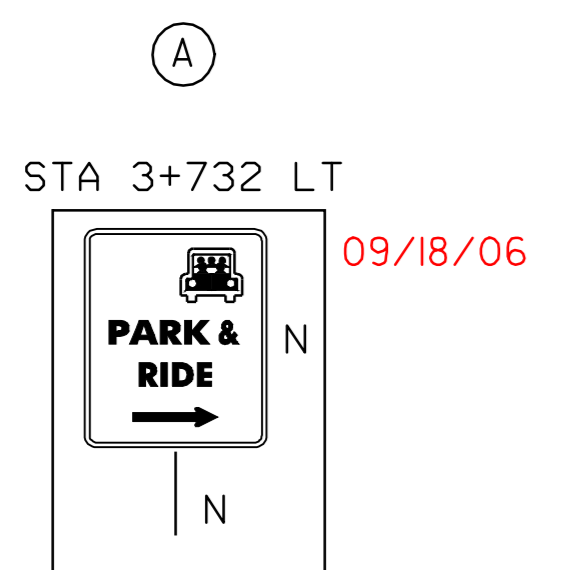
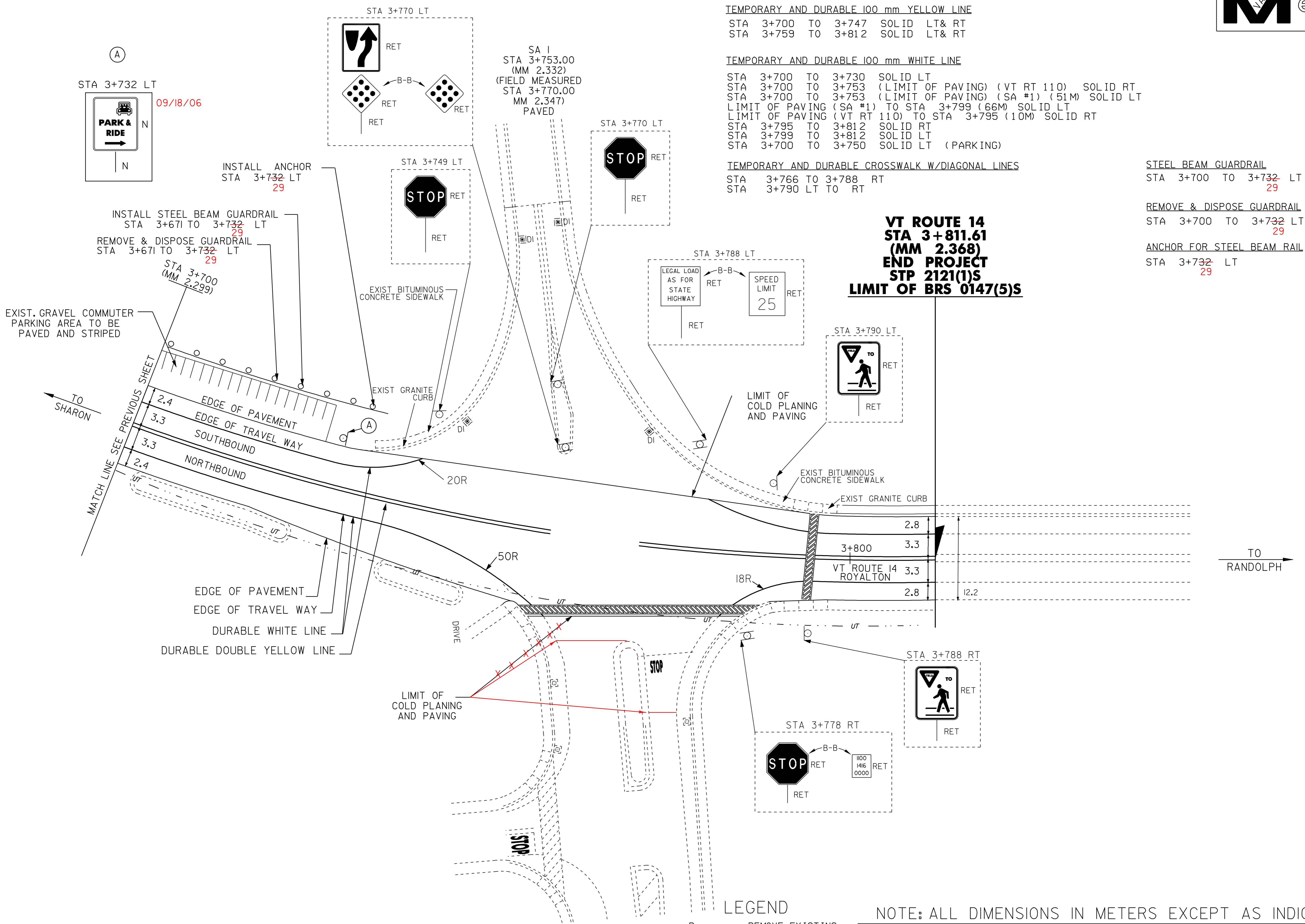
STA 3+766 TO 3+788 RT
 STA 3+790 LT TO RT

STEEL BEAM GUARDRAIL
 STA 3+700 TO 3+732 LT
 29

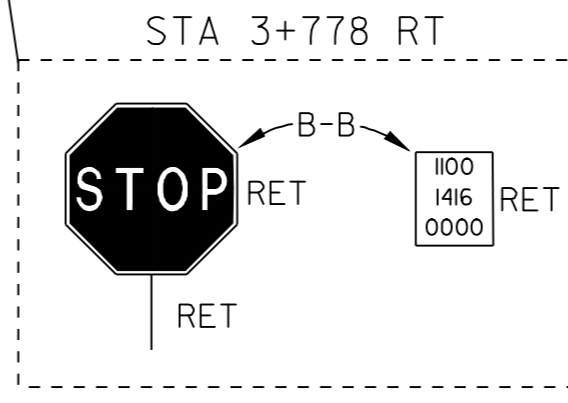
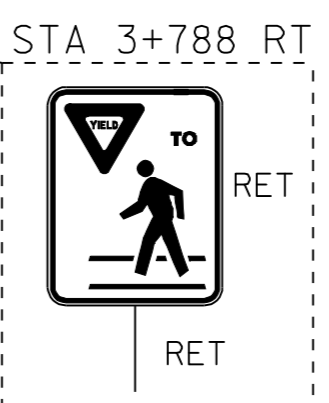
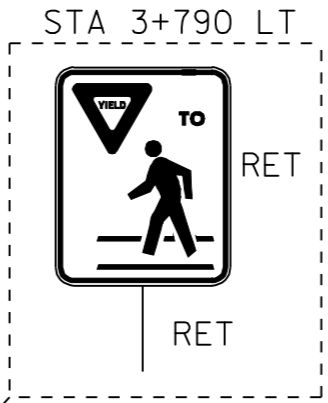
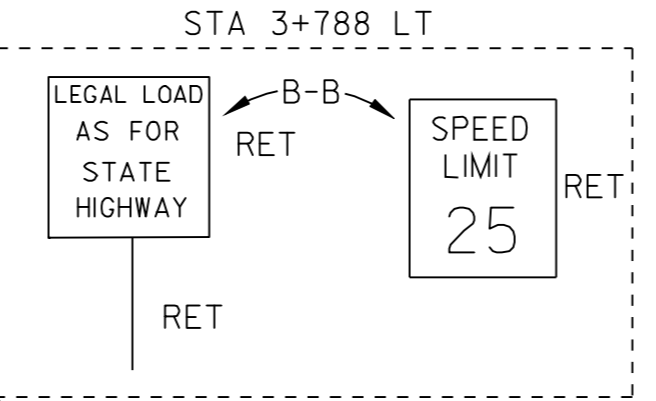
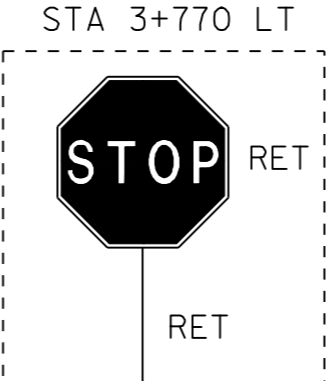
REMOVE & DISPOSE GUARDRAIL
 STA 3+700 TO 3+732 LT
 29

ANCHOR FOR STEEL BEAM RAIL
 STA 3+732 LT
 29

**VT ROUTE 14
 STA 3+811.61
 (MM 2.368)
 END PROJECT
 STP 212(1)S
 LIMIT OF BRS 0147(5)S**



SA 1
 STA 3+753.00
 (MM 2.332)
 (FIELD MEASURED
 STA 3+770.00
 MM 2.347)
 PAVED



LEGEND

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

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

**PAVING
 PROJECT
 LAYOUT #46**

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: /pave/98cl74/pol74.dgn	PLOT DATE: 21-MAR-2007
IPARM FILE NAME: pol7445.i	SURVEY DATE: 8/99
SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
SQUAD LEADER: WRH	SHEET: 56 OF 64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

VT ROUTE 110
 STA 3+753.00
 (MM 2.332)
 (FIELD MEASURED
 STA 3+777.00
 (MM 2.347)
 PAVED

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

OPTION ITEMS																														
HARTFORD																														
STA 2+893 RT	DOTHAN RD						1			1		4.1m	X	09/19/06															SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	
		1	750	750	0.56																								BACK TO BACK	E-143M E-138M
STA 5+182 RT	LEGAL LOAD LIMIT 16,000 POUNDS	1	600	750	0.45					1		4.1m	X	09/19/06																E-141M
STA 5+192 RT	BYRON HILL RD						1			1		4.0m	X															SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN		
		1	750	750	0.56									09/19/06															BACK TO BACK	E-143M E-138M
STA 6+181 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	600	750	0.45					1		4.0m	X	09/19/06																E-141M
STA 6+191 RT	RUNNALS RD						1			1		3.7m	X	09/19/06														SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN		
6+191 RT		1	750	750	0.56							4.0m	X	09/19/06															BACK TO BACK	E-138M
														09/18/06																
STA 7+776 RT	LEGAL LOAD LIMIT 16,000 POUNDS	1	600	750	0.45					1		3.7m	X																	E-141M
STA 7+793 RT	JERICO ST						1			1		4.1m	X	09/18/06														SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN		
		1	750	750	0.56																								BACK TO BACK	E-143M E-138M

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."										m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	EA.	EA.	kg
										32.2			32.2												
										m	m	EA.	m ²												
										32.2		4													
										32.2			32.2												

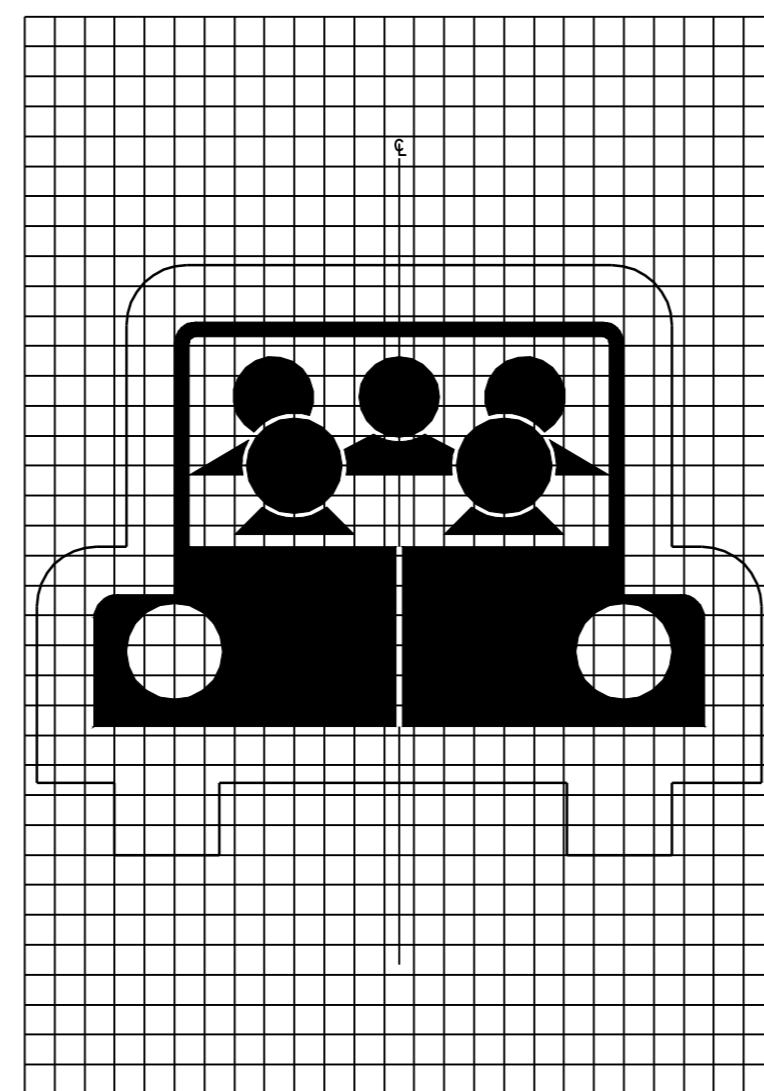
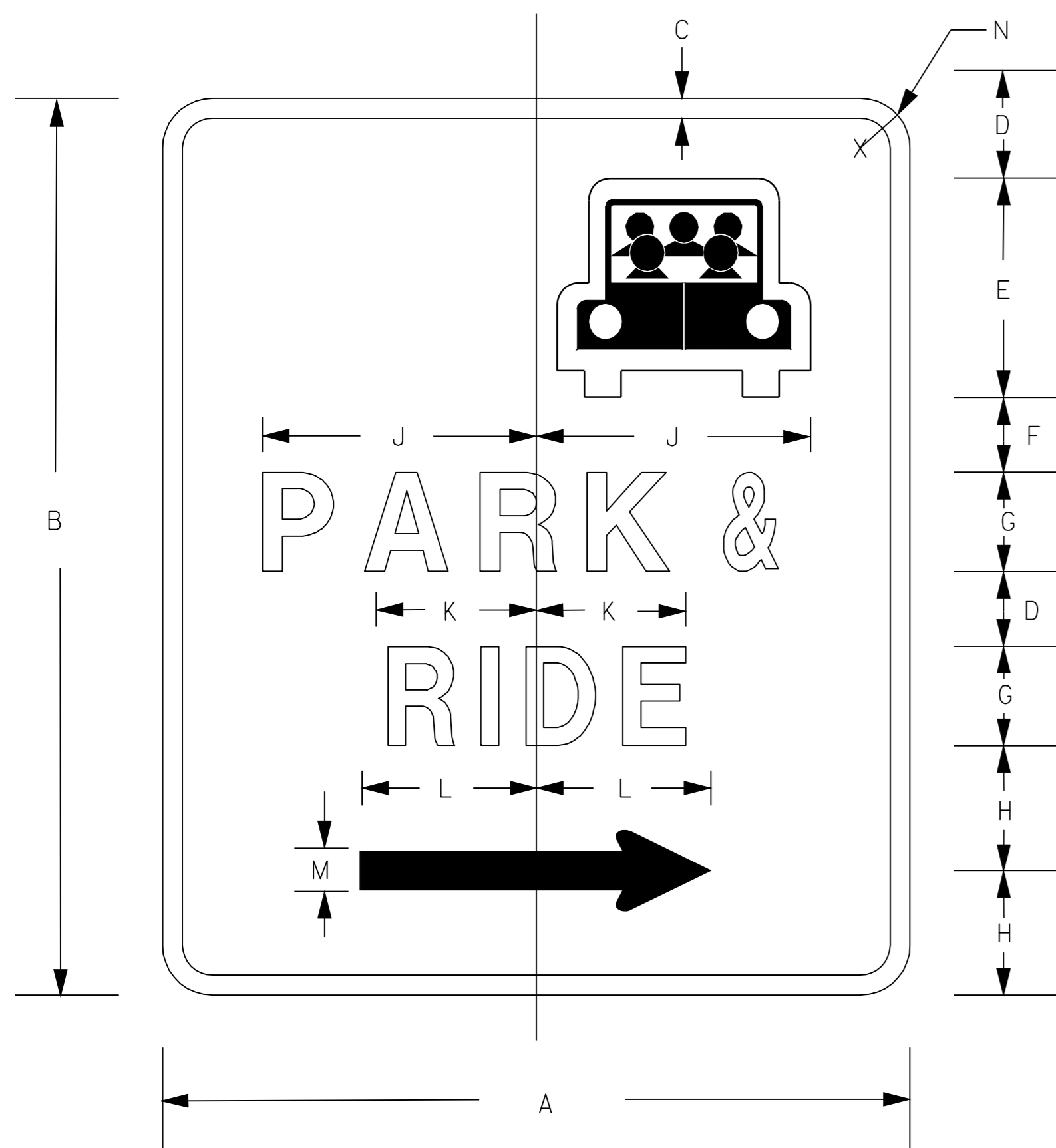
PROJECT :	HARTFORD - ROYALTON	PROJECT NO. :	STP 2121 (I)S
DESIGN FILE NAME:	zpage/98ci74/pcl74.dgn	PLOT DATE:	21-MAR-2007 0
IPARM FILE NAME:	pcl74+01	SURVEYED BY:	CLD ENGINEERS, INC
SURVEYED BY:	CLD ENGINEERS, INC	DRAWN BY:	WRH
SQUAD LEADER:	WRH	SHEET:	57 OF 64

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS												REMARKS	SIGN DETAIL								
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION			75	89	100			125	FTG. SIZE		WEIGHT
STA 8+031 RT		1	600	750	0.45	09/18/06			1			4.1m			X																E-141M
STA 8+064 RT	JERICHO ST						1		1			4.1m			X															SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	
STA 10+840 RT		1	750	750	0.56	09/18/06																								E-143M	
		1	150	200	0.03																										E-138M
STA 10+840 RT	POMFRET	1	1800	250	0.45				-2			X																		ELIMINATE SIGN	
	QUECHEE	1	1800	250	0.45																									E-123M	
STA 11+077 LT	STOP	1	750	750	0.56				1			X																		NO SIGN W/ BRIDGE PROJECT	
	STOP	1	150	200	0.03																									E-138M	
STA 11+229 RT		1	600	750	0.45	09/18/06			1			4.1m			X															E-141M	
STA 11+235 RT	HARPER SAVAGE LN					09/18/06			1			4.1m			X															SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	
		1	750	750	0.56																									E-143M	
		1	150	200	0.03																										E-138M
STA 11+357 LT	POMFRET	1	1800	250	0.45				2			X			X															ELIMINATE SIGN	
	QUECHEE	1	1800	250	0.45																									E-123M	
STA 11+687 RT	TIGERTOWN RD					09/18/06			1			4.1m			X															SALVAGED SIGN TO BE INSTALLED USING TOP MOUNTING BRACKET, MOUNTED 0.3M FROM AND PERPENDICULAR TO TOP OF STOP SIGN	
		1	750	750	0.56																										E-143M
		1	150	200	0.03																										E-138M

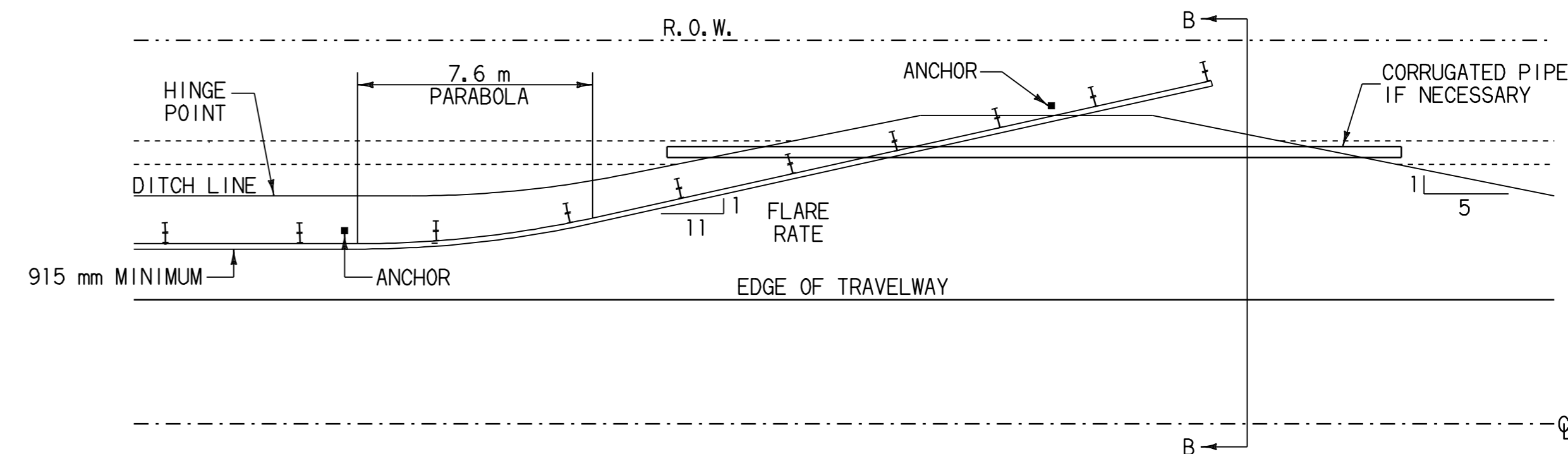
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."												m m m m m m EA kg kg kg				kg kg kg kg																	
TOTALS												5.06		m ²		EA.		3		40.6		40.6		kg		EA.		kg		EA.		kg	
PROJECT : HARTFORD - ROYALTON PROJECT NO. : STP 2121(I)S DESIGN FILE NAME: /pave/98cl74/pcl74.dgn PLOT DATE: 21-MAR-2007 0 IPARM FILE NAME: pcl74ts02.L SURVEYED BY: CLD ENGINEERS INC SURVEY DATE: 8/99 SQUAD LEADER: WRH DRAWN BY: REB SHEET: 58 OF 64																																	

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS														REMARKS	SIGN DETAIL										
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)					W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER							
											1.7	3.0	4.5	44	50	63	75	100	100 MOD	FOUND-ATION	75	89	100		125	FTG. SIZE			WEIGHT	POST SIZE					
STA 8+791 RT	0140 1417 0545	1	750	750	0.56	09/18/06			1		X			4.1m																					
ROYALTON																																			
STA 2+148 RT		1	600	750	0.45	09/18/06			1		X			4.1m																				E-141M	
STA 3+658 RT		1	750	900	0.68	09/21/06			1		X			4.0m																				60	
STA 3+732 LT		1	750	900	0.68	09/18/06			1		X			4.1m																				60	
VT RTE 132																																			
STA 0+006 LT	0140 1417 0501	1	750	750	0.56	09/20/06			1		X			4.0m																				E-143M E-138M	
STA 0+050 RT		1	750	750	0.56	09/19/06			1		X			4.1m																					TYPE VIII OR TYPE IX FLUORESCENT SHEETING E-153M
STA 0+105 RT		1	750	750	0.56	09/19/06			1		X			4.1m																					TYPE VIII OR TYPE IX FLUORESCENT SHEETING E-153M
STA 0+108 LT		1	750	750	0.56	09/20/06			1		X			4.1m																					TYPE VIII OR TYPE IX FLUORESCENT SHEETING E-153M

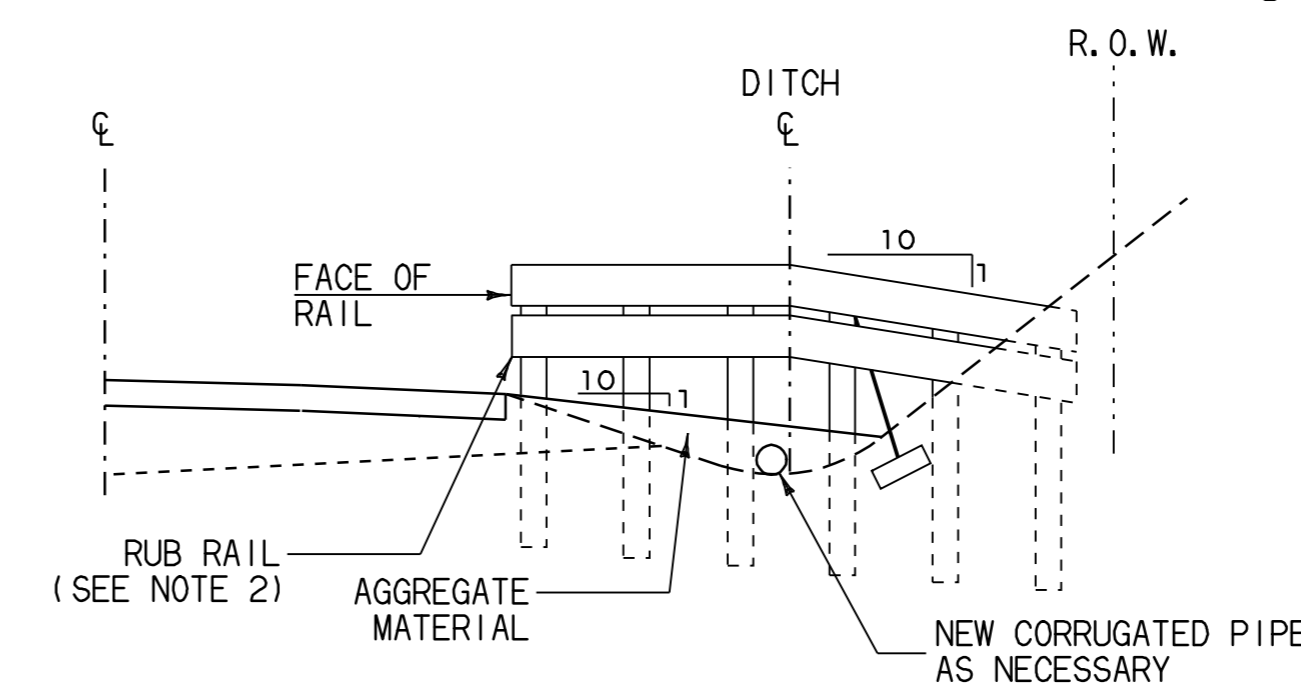
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."														m		m		m		m		m		m		EA		kg		kg		kg		kg		EA		EA		kg		PROJECT : HARTFORD - ROYALTON		PROJECT NO. : STP 2121 (1)S	
TOTALS														5.03		m ²		EA.		m ²		39.0		m		39.0		kg		EA.		kg		EA.		EA.		kg		DESIGN FILE NAME: /pave/98cl74/pol74.dgn		PLOT DATE: 21-MAR-2007 0			
																																						IPARM FILE NAME: pol74ts04.L		SURVEY DATE: 8/99					
																																						SURVEYED BY: CLD ENGINEERS INC		DRAWN BY: REB					
																																						SQUAD LEADER: WRH		SHEET: 60 OF 64					



SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	600	750	16	50	200	75	750	115	200	125	150	30	40
STD.	750	900	20	75	220	75	1000	125	275	150	175	40	50
SPECIAL	900	1200	22	100	275	75	1500	175	350	200	220	60	60

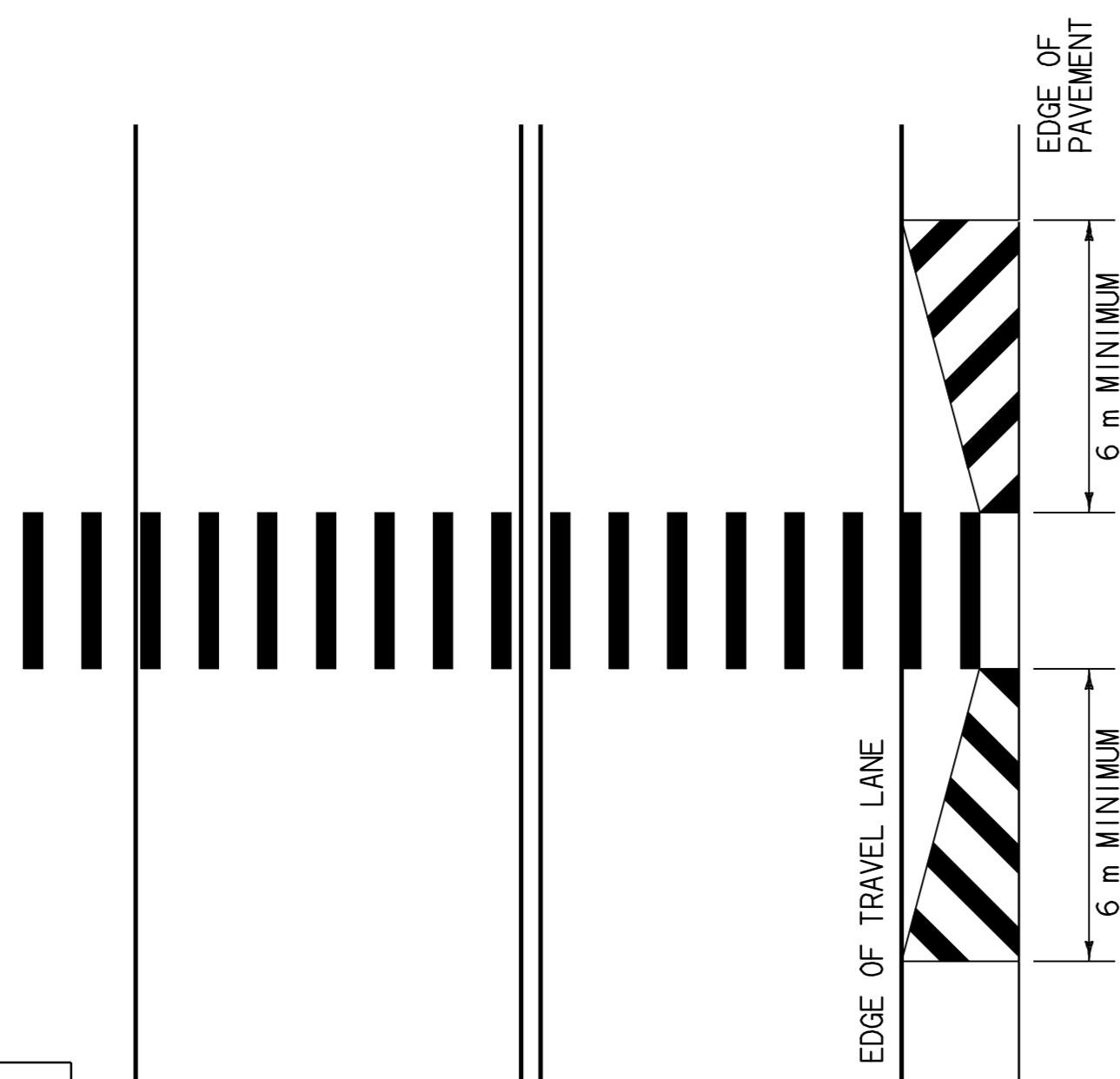


DETAIL FOR BURIED GUARD RAIL ENDS INTO BACKSLOPES WITH RUB RAIL



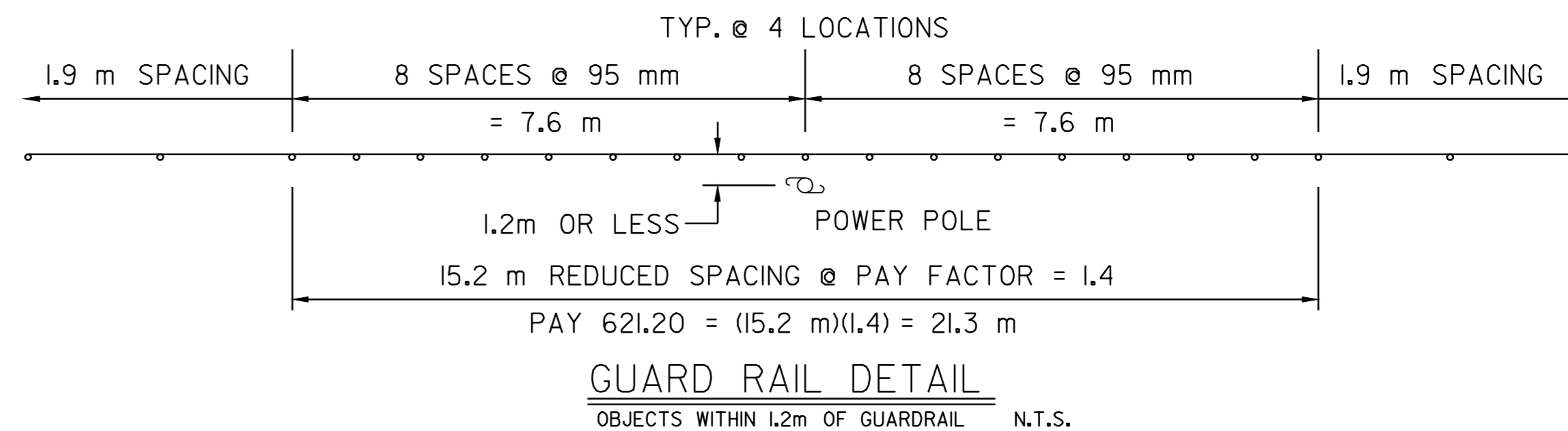
1. HEIGHT OF PRIMARY RAIL SHALL REMAIN AT A CONSTANT HEIGHT RELATIVE TO ROADWAY GRADE TO POINT OF DITCH BOTTOM.
2. ADDITION OF RUB RAIL IS REQUIRED WHEN OPENING BENEATH PRIMARY RAIL EXCEEDS 457 mm. RUB RAIL EXTENDS FROM THE EDGE OF SHOULDER TO THE BACK SLOPE.

SECTION B-B



CROSS WALK MARKING DETAIL FOR SIDE HATCHING (VT. 132 STA. 0+105)

REFER TO STD E-191 FOR CROSS HATCHING DETAILS.



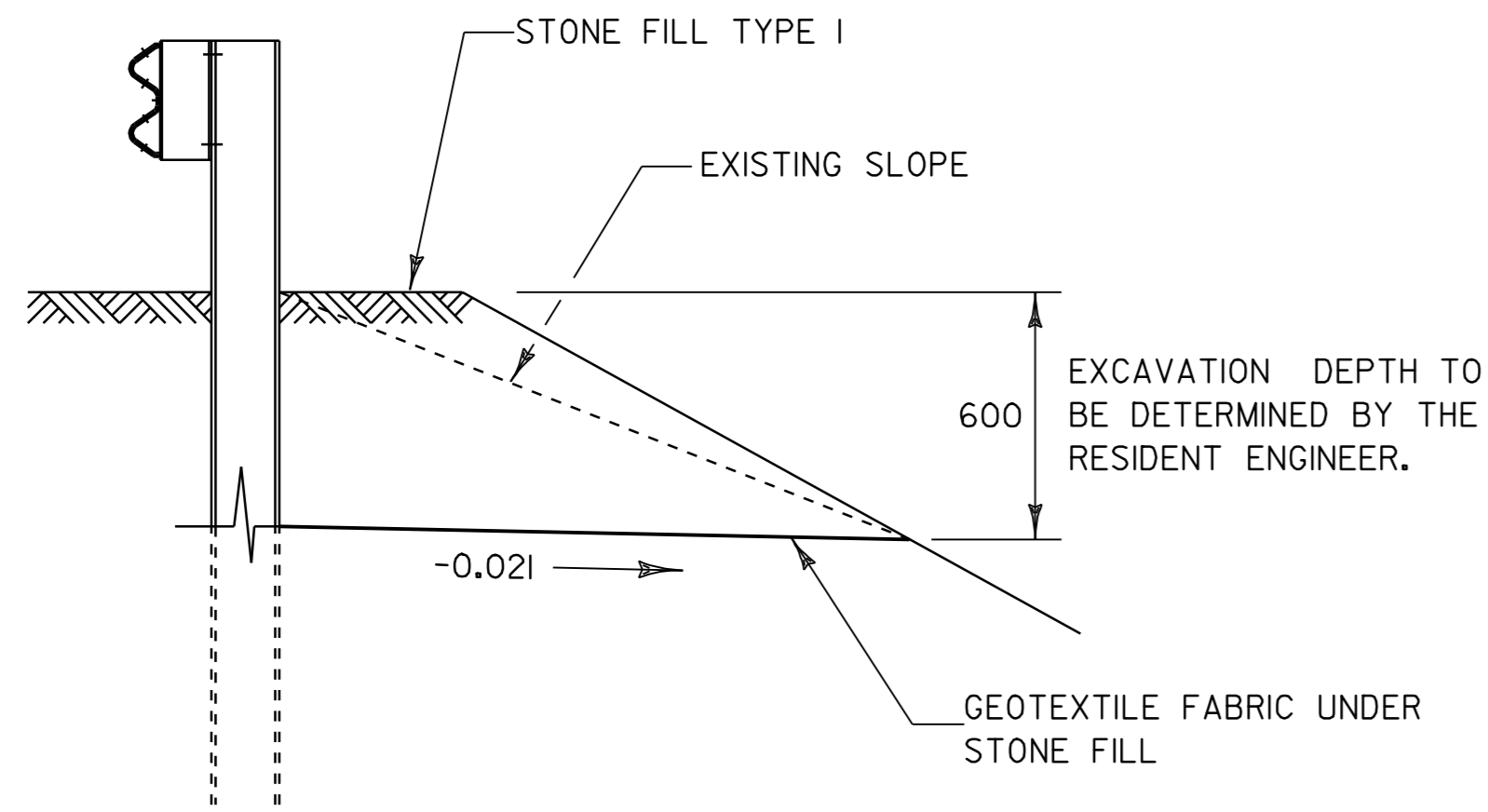
NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

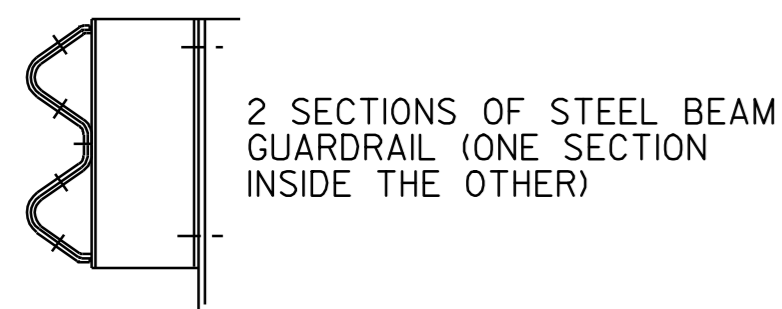
MISCELLANEOUS DETAILS SHEET

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 2121 (1)S
DESIGN FILE NAME: <u>/pave/98cl74/pci74.dgn</u>	PLOT DATE: <u>21-MAR-2007 0</u>
IPARM FILE NAME: <u>_pci74d+01</u>	SURVEY DATE: <u>12/98</u>
SURVEYED BY: <u>CLD ENGINEERS, Inc.</u>	DRAWN BY: <u>MPS</u>
SQUAD LEADER: <u>WRH</u>	SHEET: <u>62</u> OF <u>64</u>

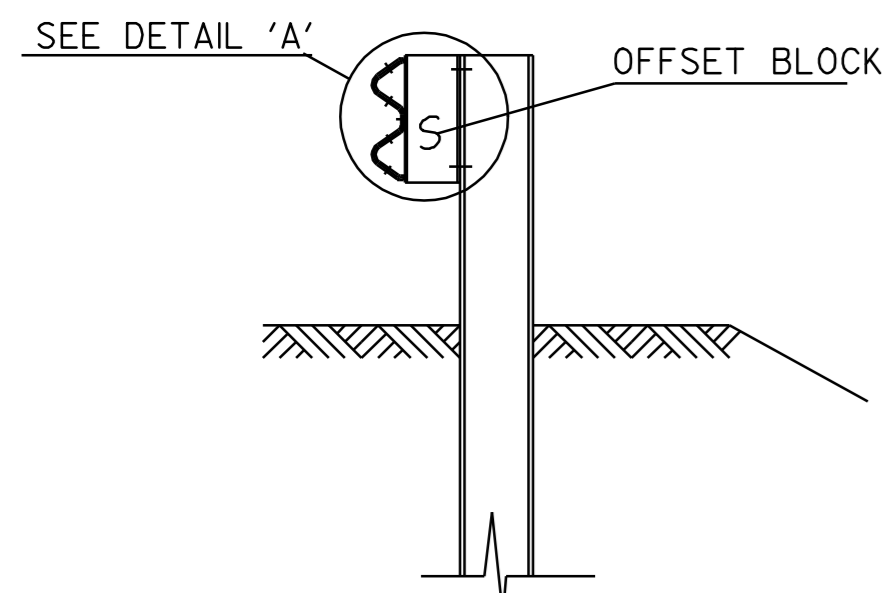
NOT TO SCALE



BENCHING DETAIL
STA 12+345 ~ 12+425 LT



DETAIL A

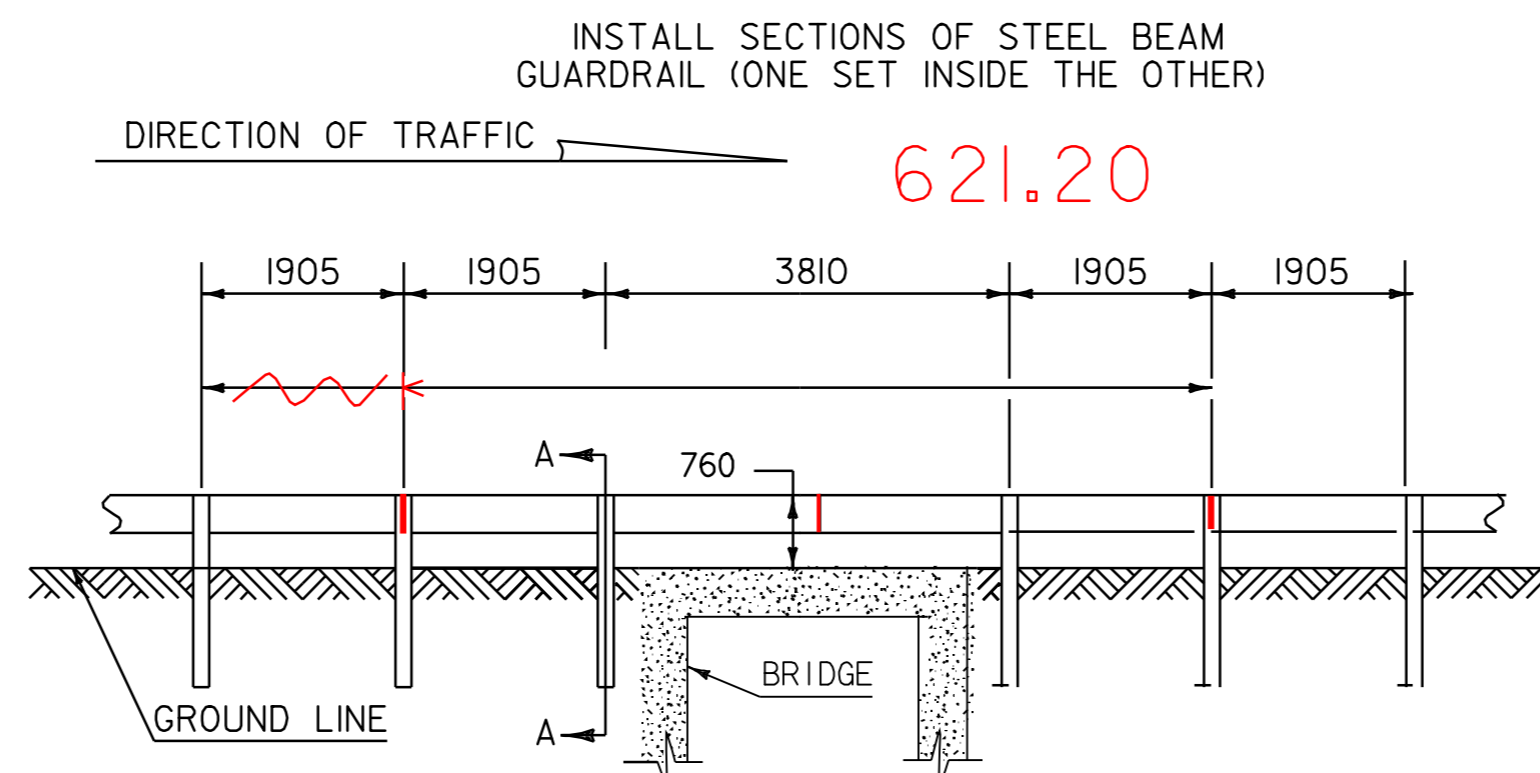


SECTION A-A

NOT TO SCALE

NOTES

1. SEE STANDARD G-1M & G-1dM FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SHEET OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK SHALL BE PAID FOR AS STEEL BEAM GUARDRAIL AT A PAY FACTOR OF 1.0.



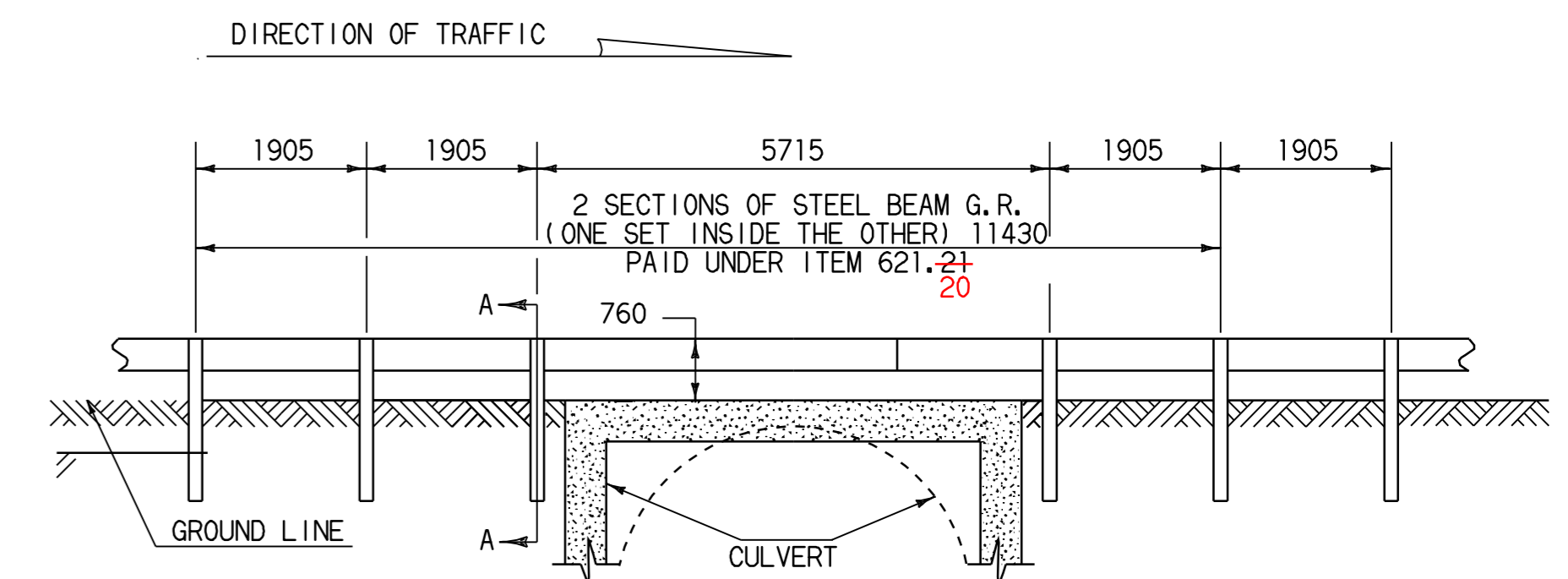
DETAIL OF STEEL BEAM GUARDRAIL AT BRIDGE #6 @ STA 8+076, HARTFORD (MM 5.018)

CULVERT @ STA 11+326, HARTFORD (MM 7.037)

BRIDGE #9 @ STA 11+662, HARTFORD (MM 7.246) (FM STA 11+667 MM 7.250)

CULVERT @ STA 12+130 HARTFORD

BRIDGE #18 @ STA 10+597, SHARON (MM 6.584) (FM STA 10+607 MM 6.591)



DETAIL OF STEEL BEAM GUARD RAIL AT LARGE CULVERTS

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET #2	PROJECT: HARTFORD-ROYALTON	PROJECT NO.: STP 212(K)S
	DESIGN FILE NAME: /pave/98cl74/pcl74.dgn	
	IPARM FILE NAME: psi74br02.i	PLOT DATE: 21-MAR-2007 0
	SURVEYED BY: CLD_ENGINEERS_INC	SURVEY DATE: 8/99
	SQUAD LEADER: _____	DRAWN BY: _REB_
		SHEET: 63 OF 64

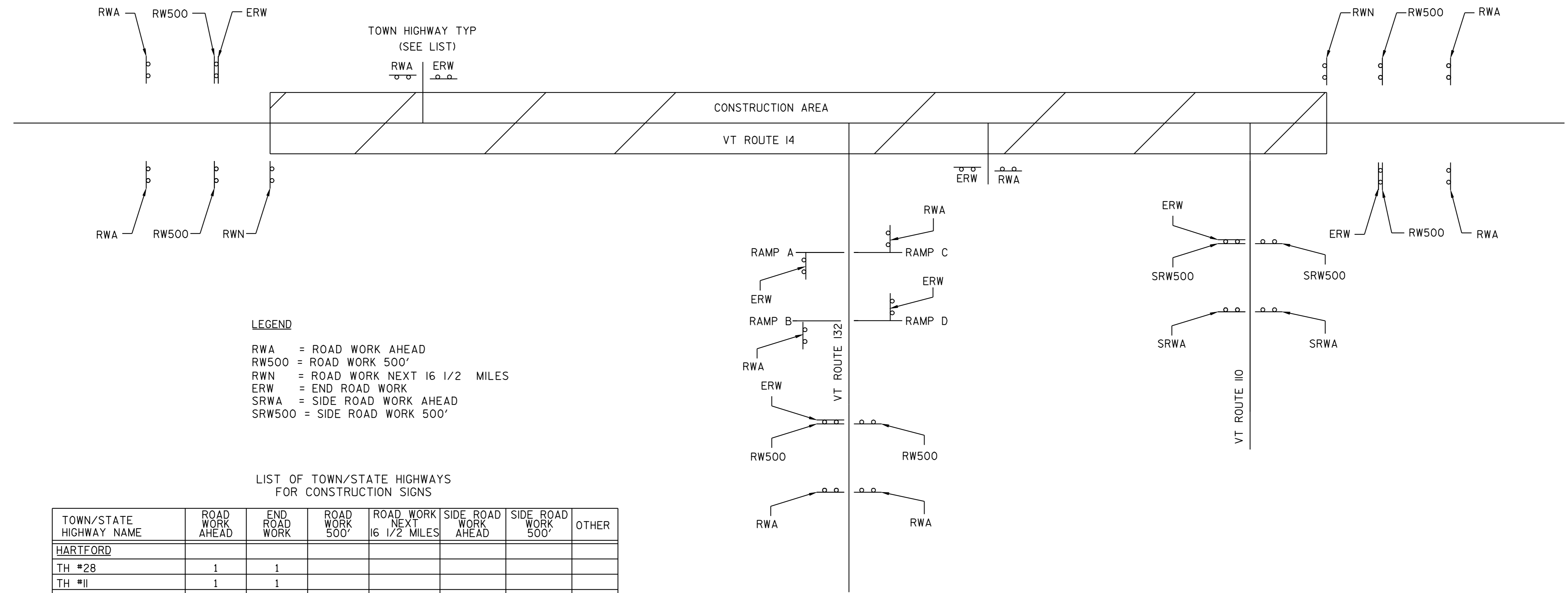
NOT TO SCALE

CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

SEE STD E-100M FOR SIGN PLACEMENT

NOTE: WHEN DIRECTED BY THE RESIDENT ENGINEER, "NO OUTLET" SIDE ROADS WILL NOT REQUIRE CONSTRUCTION SIGNING



LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500'
- RWN = ROAD WORK NEXT 1/2 MILES
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500'

LIST OF TOWN/STATE HIGHWAYS FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500'	ROAD WORK NEXT 1/2 MILES	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500'	OTHER
HARTFORD							
TH #28	1	1					
TH #11	1	1					
TH #187	1	1					
TH #22	1	1					
TH #18	1	1					
TH #69	1	1					
TH #4	1	1					
TH #35	1	1					
TH #13	1	1					
SHARON							
TH #43	1	1					
TH #11	1	1					
VT ROUTE 132	2	1	2				
TH #17	1	1					
S.A. #3	1	1					
TH #7	1	1					
ROYALTON							
TH #3	1	1					
S.A. #1	1	1					
VT ROUTE 110		1			2	2	
VT RTE 132							
RAMP A		1					
RAMP B	1						
RAMP C	1						
RAMP D		1					
BEGINNING OF PROJECT	2	1	2	1			
END OF PROJECT	2	1	2	1			
TOTALS	24	22	6	2	2	2	

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM _____
 VERTICAL _____
 HORIZONTAL _____

CONSTRUCTION APPROACH SIGNING	PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
	DESIGN FILE NAME: /pave/98cl74/pol74.dgn	PLOT DATE: 21-MAR-2007 0
	IPARM FILE NAME: pol74cas.1	SURVEY DATE: 8/99
	SURVEYED BY: CLD_ENGINEERS_INC	DRAWN BY: REB
	SQUAD LEADER: WRH	SHEET: 64 OF 64