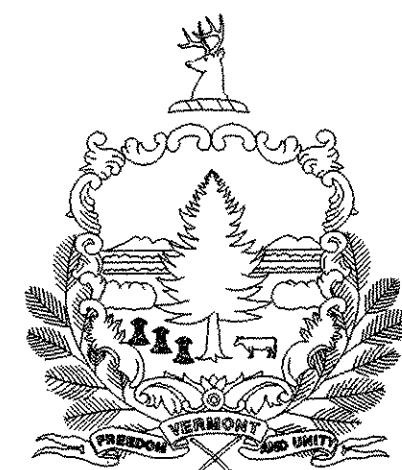


STATE OF VERMONT
 AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
 TOWNS OF WOODBURY & HARDWICK
 COUNTIES OF WASHINGTON & CALEDONIA
 VT ROUTE 14 & VT ROUTE 15

INDEX OF SHEETS

1. COMPOSITE TITLE SHEET
2. COMPOSITE TYPICAL SECTION
3. COMPOSITE QUANTITY SHEET

INDEX OF STP SURF(8) SHEETS

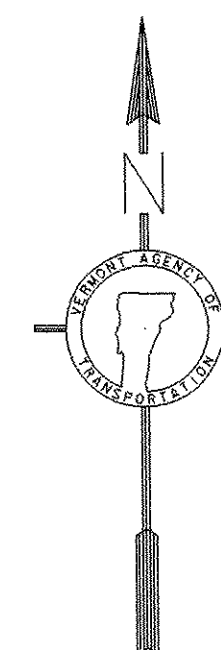
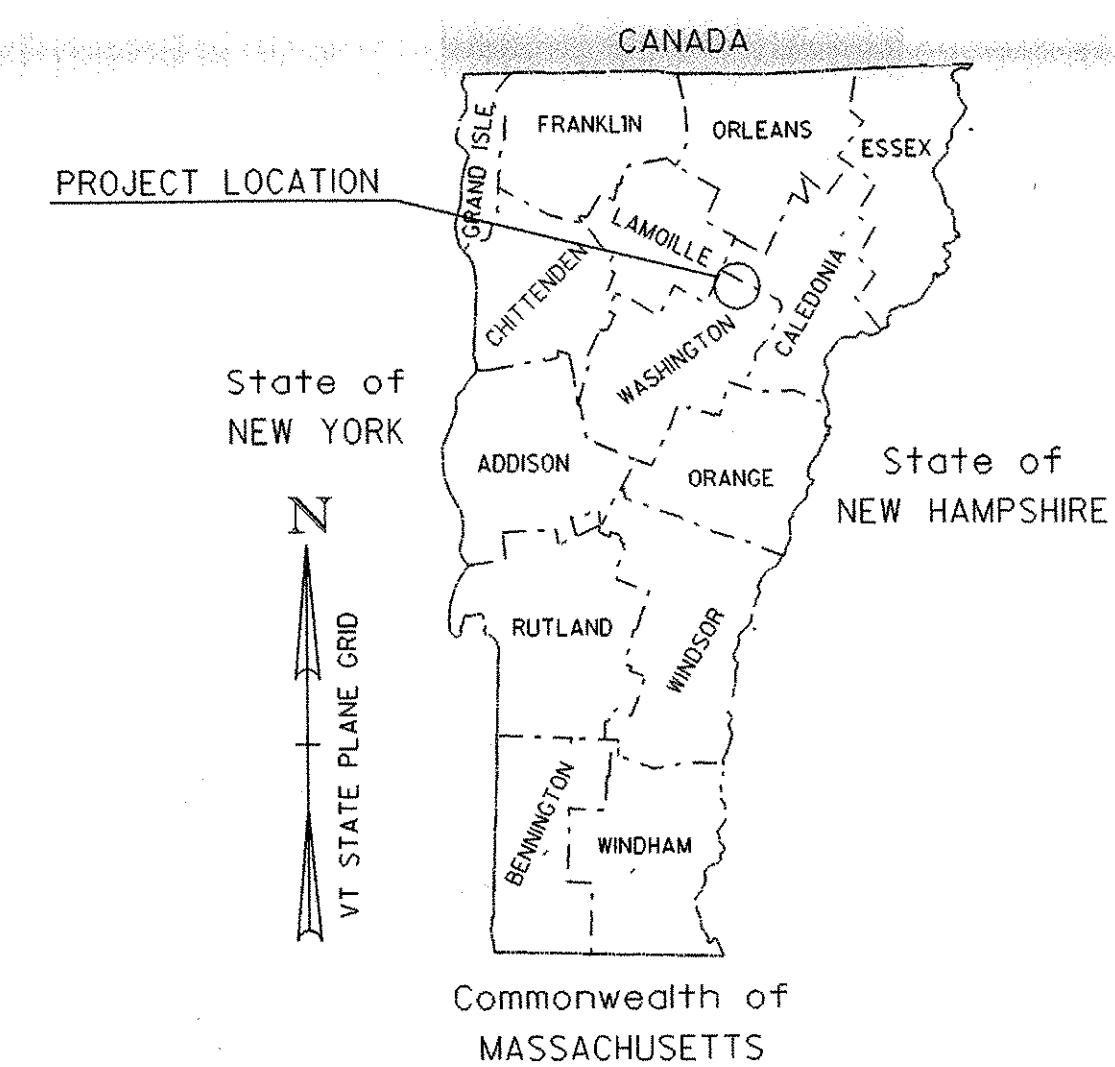
4. TITLE SHEET
5. QUANTITY SHEET
- 6.-7. PAVEMENT MARKING LAYOUTS
8. TEMPORARY TRAFFIC CONTROL PLAN

INDEX OF STP SURF(9) SHEETS

9. TITLE SHEET
10. QUANTITY SHEET
11. PAVEMENT MARKING LAYOUT
12. TEMPORARY TRAFFIC CONTROL PLAN

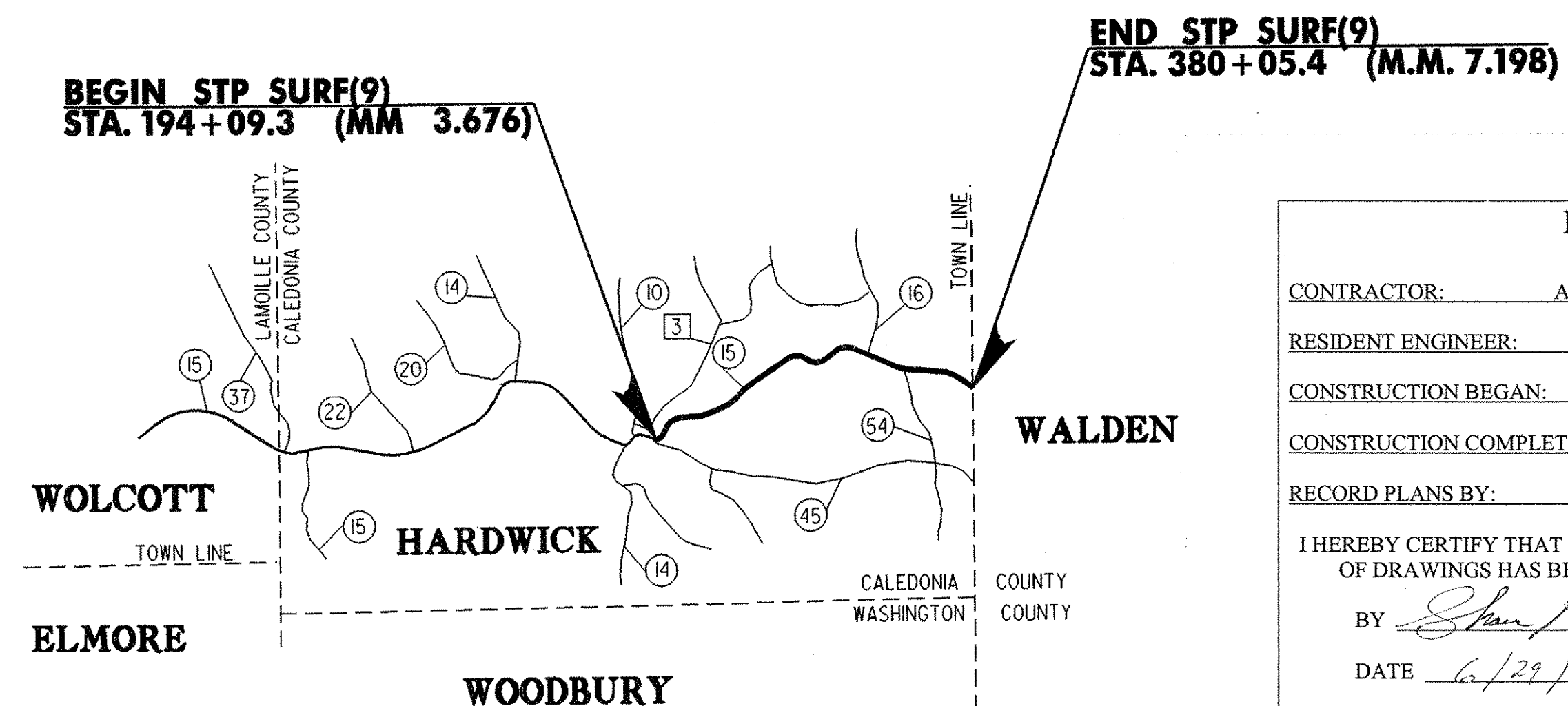
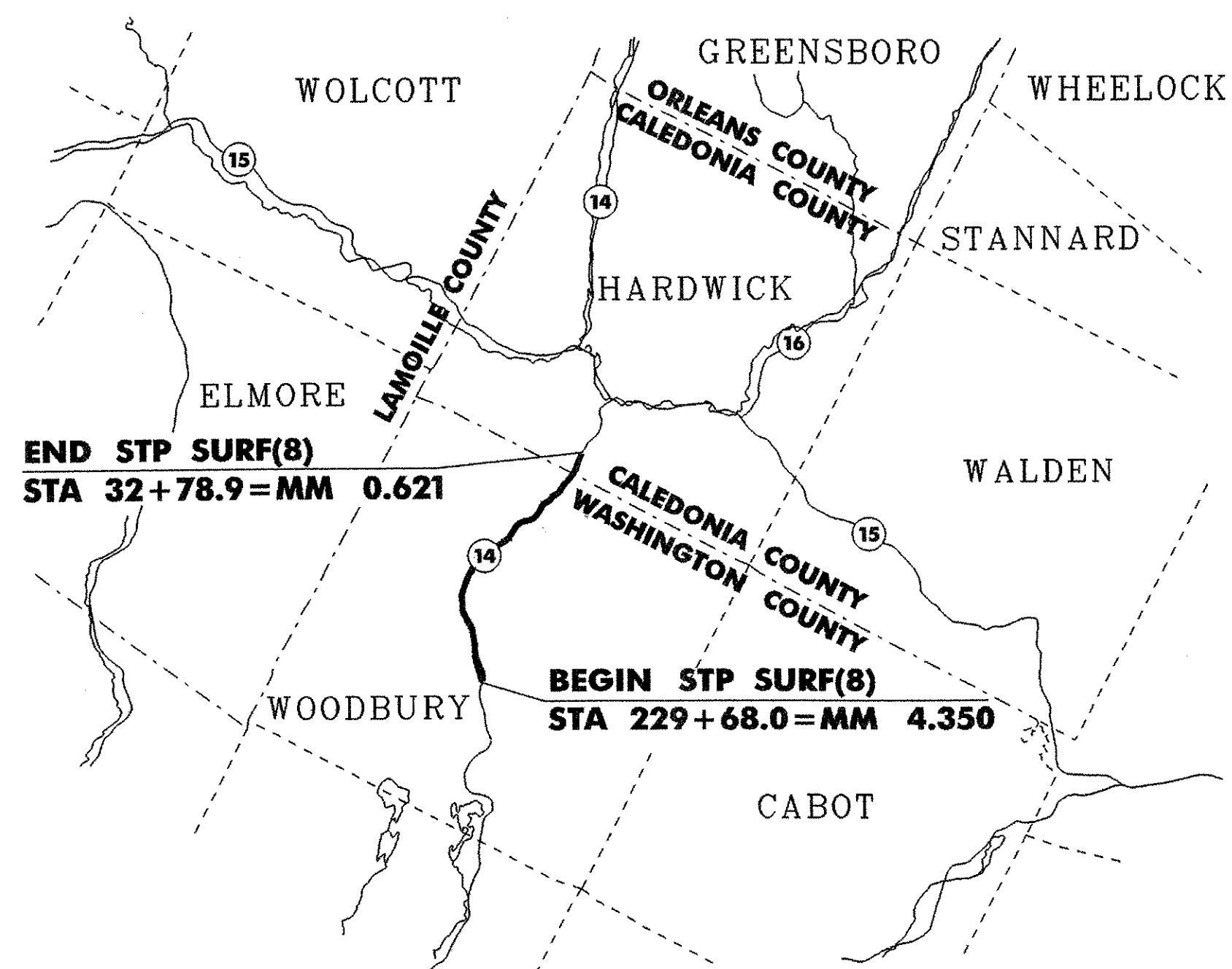
VAOT STANDARDS

E-100	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-107A	BREAKAWAY BARRICADE DETAILS	08/08/95
E-191	PAVEMENT MARKING DETAILS	02/01/99



WOODBURY - HARDWICK
 STP SURF(8)
 SEE SHEET 4 FOR ADDITIONAL
 PROJECT INFORMATION

HARDWICK
 STP SURF(9)
 SEE SHEET 9 FOR ADDITIONAL
 PROJECT INFORMATION



RECORD PLANS	
CONTRACTOR:	ALL STATES ASPHALT, INC. - SUNDERLAND, MA
RESIDENT ENGINEER:	SHANE MORRIN
CONSTRUCTION BEGAN:	AUGUST 4, 2008
CONSTRUCTION COMPLETE:	OCTOBER 7, 2008
RECORD PLANS BY:	SHANE MORIN, C. PIERCE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	<i>Shane Morin</i> RESIDENT ENGINEER
DATE	6/29/09
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.	

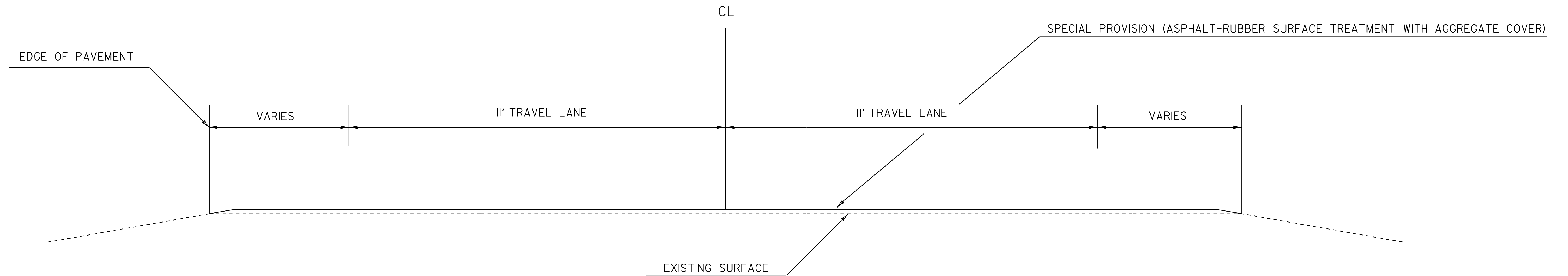
CONVENTIONAL SIGNS

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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

APPROVED	<i>Jan V. Boh</i> DATE 6-18-2008
	DIRECTOR OF PROGRAM DEVELOPMENT
PROJECT MANAGER: TED DOMEY	
PROJECT WOODBURY - HARDWICK & HARDWICK STP SURF(8) & STP SURF(9)	
SHEET 1 OF 12 SHEETS	



VT ROUTE 14 & VT ROUTE 15 TYPICAL SECTION

VT 14 WOODBURY – HARDWICK STP SURF(8)

STA. 229+68 (MM 4.350) – STA. 406+08.5 (MM 7.691) WOODBURY

STA. 0+00 (MM 0.00) – STA. 32+78.9 (MM 0.621) HARDWICK

VT 15 HARDWICK STP SURF(9)

STA. 194+09.3 (MM 3.676) – STA. 380+05.4 (MM 7.198) HARDWICK

- NOTES:
1. IT IS EXPECTED THAT SOME SPOT LEVELING WILL BE NECESSARY AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO THE PLACEMENT OF THE SURFACE TREATMENT. AN ESTIMATED QUANTITY OF ITEM 490.30 HAS BEEN INCLUDED FOR THIS PURPOSE. THE GYRATION SPECIFICATION FOR THIS ITEM SHALL BE 50 OR 75. THE MIX TYPE SHALL BE TYPE IVS. EMULSIFIED ASPHALT SHALL BE APPLIED TO ALL EXISTING PAVEMENT SURFACES REQUIRING LEVELING AT A RATE OF 0.040 GAL/SY (+/- 0.01 GAL/SY) OR AS DIRECTED BY THE RESIDENT ENGINEER
 2. IF IT IS DETERMINED IN AREAS ALONG THE BASE OF GUARDRAIL WHERE WINTER SAND AND OTHER DEBRIS HAS ACCUMULATED SUFFICIENTLY TO ENCROACH UPON THE EXISTING PAVEMENT SURFACE TO BE TREATED, THIS MATERIAL SHALL BE REMOVED PRIOR TO SURFACE PREPARATION AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF 203.40 SHOULDER BERM REMOVAL HAS BEEN INCLUDED TO COVER THE COSTS ASSOCIATED WITH THIS WORK.
 3. THE LONGITUDINAL EDGES OF THE SURFACE TREATMENT SHALL BE FEATHERED AS DIRECTED BY THE RESIDENT ENGINEER. THE TREATMENT LIMIT FOR TOWN HIGHWAYS SHALL BE UP TO OR SLIGHTLY OFFSET FROM THE EXISTING STOP BARS OR AS DIRECTED BY THE RESIDENT ENGINEER. THE TREATMENT FOR DRIVES SHALL BE 2 FEET FROM THE EXISTING EDGE OF PAVEMENT OR AS DIRECTED BY THE RESIDENT ENGINEER.
 4. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POTHOLE REPAIR, AND CRACK SEALING SHALL BE PERFORMED PRIOR TO APPLICATION OF ANY SPOT LEVELING OR PLACEMENT OF THE SURFACE TREATMENT. ALL CRACKS GREATER THAN 0.10 INCH AND UP TO 1.0 INCH IN WIDTH SHALL BE SEALED USING THE "BLOW AND GO METHOD". ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE PAID FOR UNDER ITEM 900.635 SPECIAL PROVISION (BITUMINOUS CRACK SEALING, BLOW AND GO METHOD). ALL CRACKS GREATER THAN 1.0 INCH, POT HOLES, AND ALL OTHER AREAS REQUIRING PATCHING SHALL BE REPAIRED WITH BITUMINOUS CONCRETE PAVEMENT, TYPE IVS OR TYPE VS, OR AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY OF ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) HAS BEEN INCLUDED TO COVER ALL COSTS ASSOCIATED WITH THIS WORK. ASPHALT BINDER SUBSTITUTIONS FOR THIS ITEM WILL BE ACCEPTED BASED ON AVAILABILITY WHERE THE UPPER END TEMPERATURE VALUE IS GREATER THAN OR EQUAL TO 58° C AND/OR THE LOWER END IS LESS THAN OR EQUAL TO -28° C.

N.T.S.

**COMPOSITE
TYPICAL SECTION**

PROJECT NAME: WOODBURY-HARDWICK & HARDWICK	
PROJECT NUMBER: STP SURF(8) & STP SURF(9)	
FILE NAME: p08b012.dgn	PLOT DATE: 20-AUG-2009 14:
PROJECT LEADER: TED DOMEY	DRAWN BY: WILDER
DESIGNED BY: WILDER	CHECKED BY: PAVT MGMT
p08b012typ.i	SHEET 2 OF 12

STATE OF VERMONT AGENCY OF TRANSPORTATION

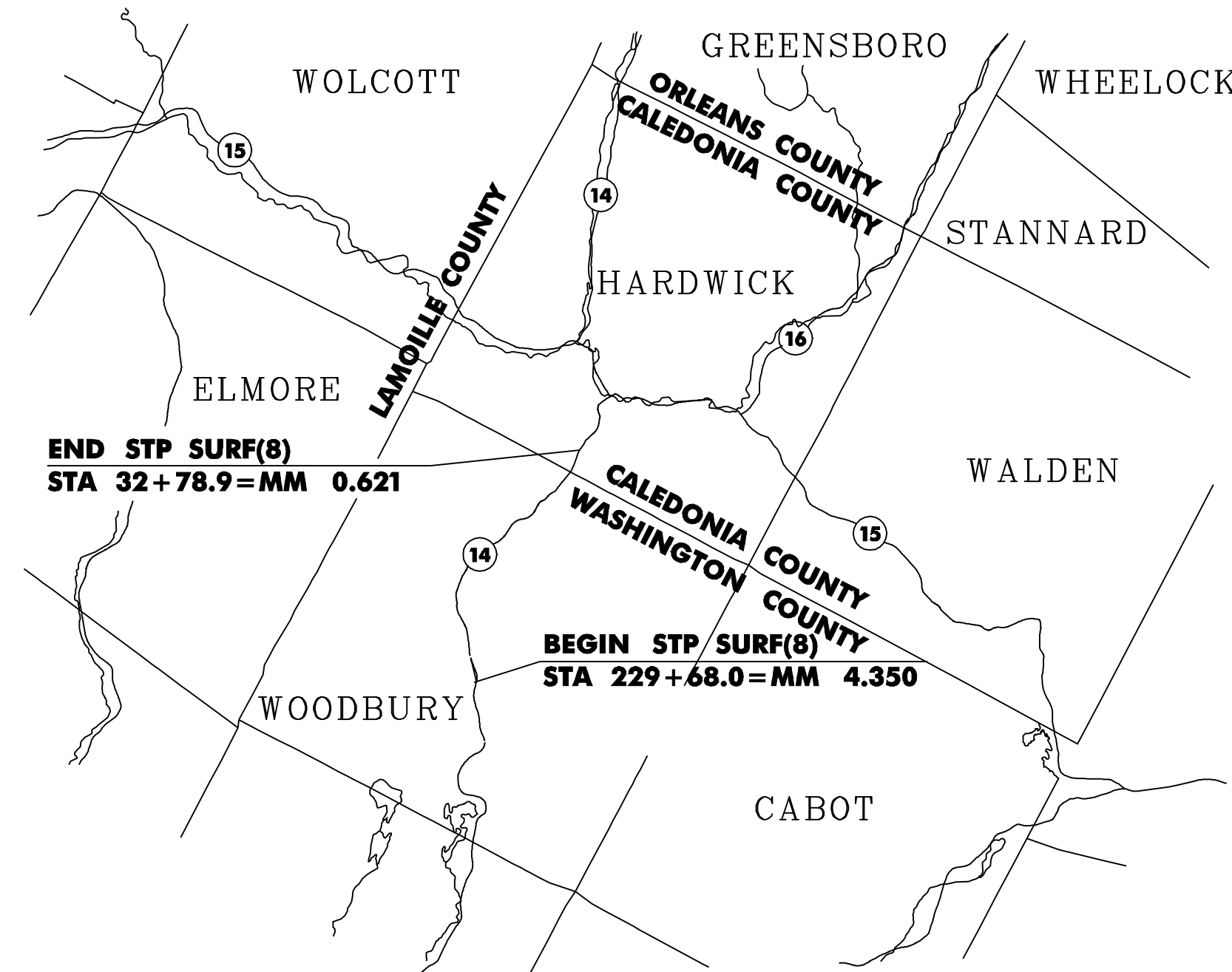
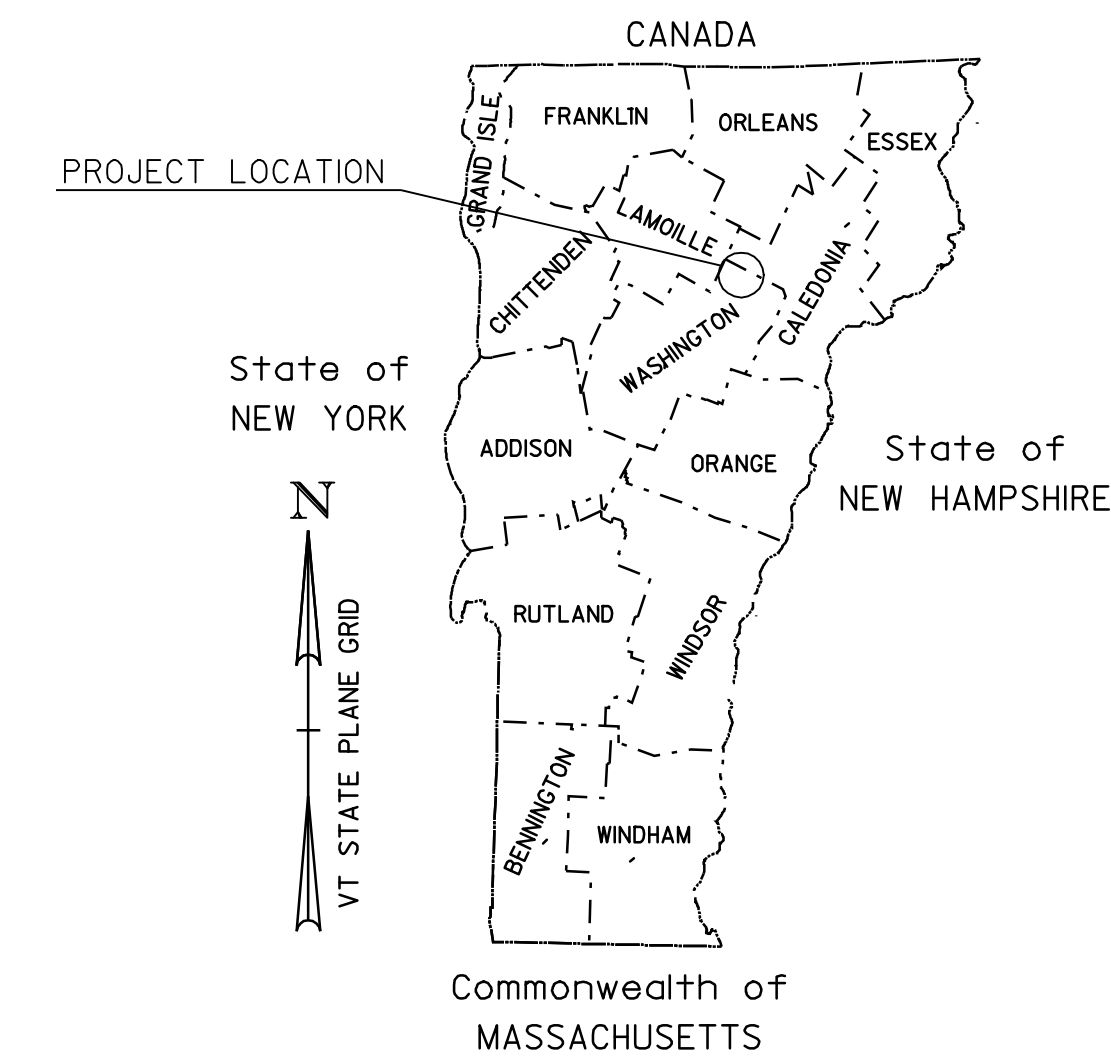


PROPOSED IMPROVEMENT TOWNS OF WOODBURY & HARDWICK COUNTIES OF WASHINGTON & CALEDONIA VT ROUTE 14

BEGINNING AT MM 4.350 ON VT ROUTE 14 IN THE TOWN OF WOODBURY
AND EXTENDING 3.341 MILES NORTH TO THE WOODBURY/HARDWICK TOWN LINE AND
EXTENDING 0.621 MILES IN HARDWICK TO MM 0.621.

LENGTH OF PROJECT 3.962 MILES
LENGTH OF ROADWAY 3.962 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE CONSTRUCTION OF A
PREVENTATIVE MAINTENANCE TREATMENT SITE ON THE EXISTING TYPICAL.



TRAFFIC DATA

HIGHWAY SECTION	AADT
2008	3000
BEGIN PROJECT TO END PROJECT	3000

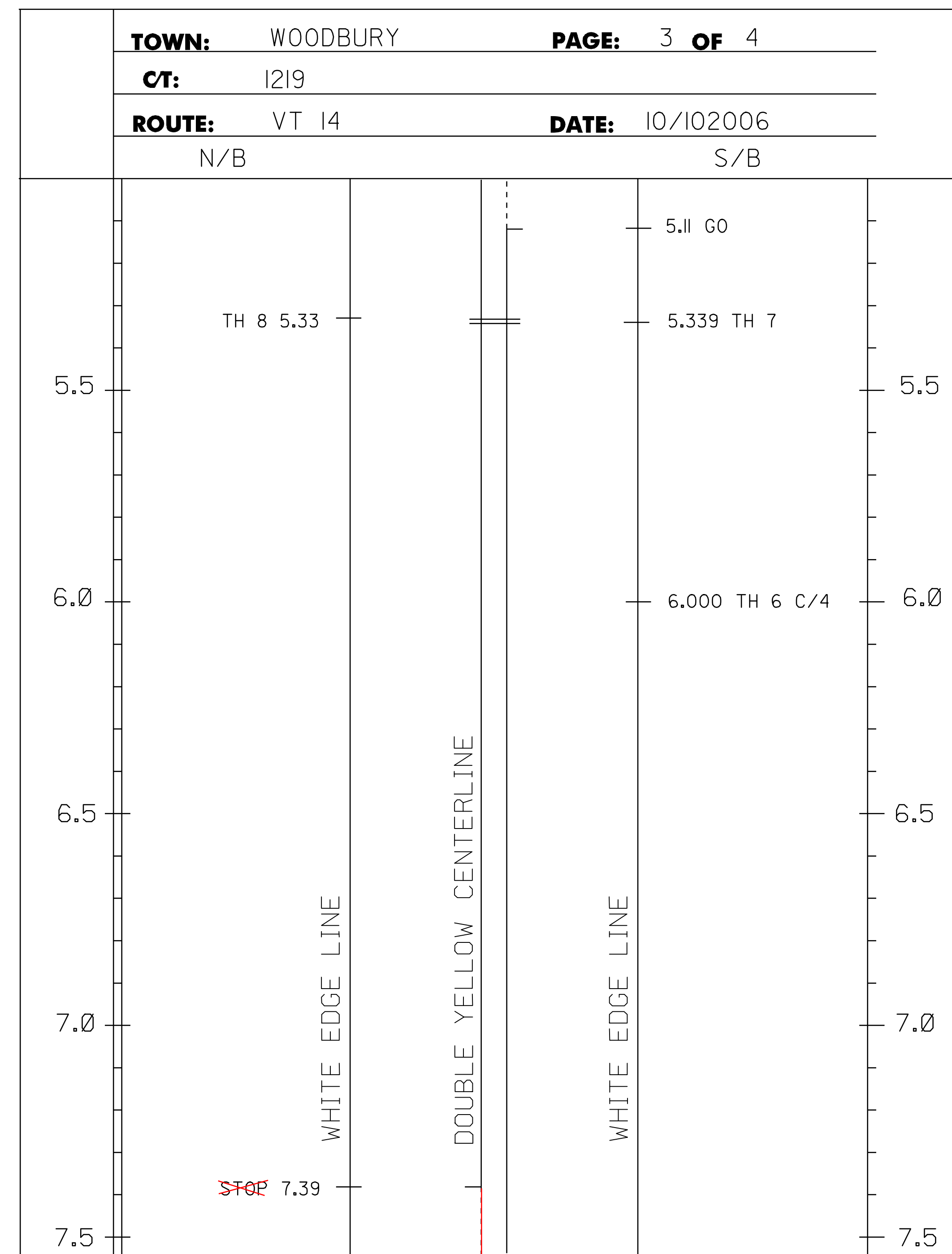
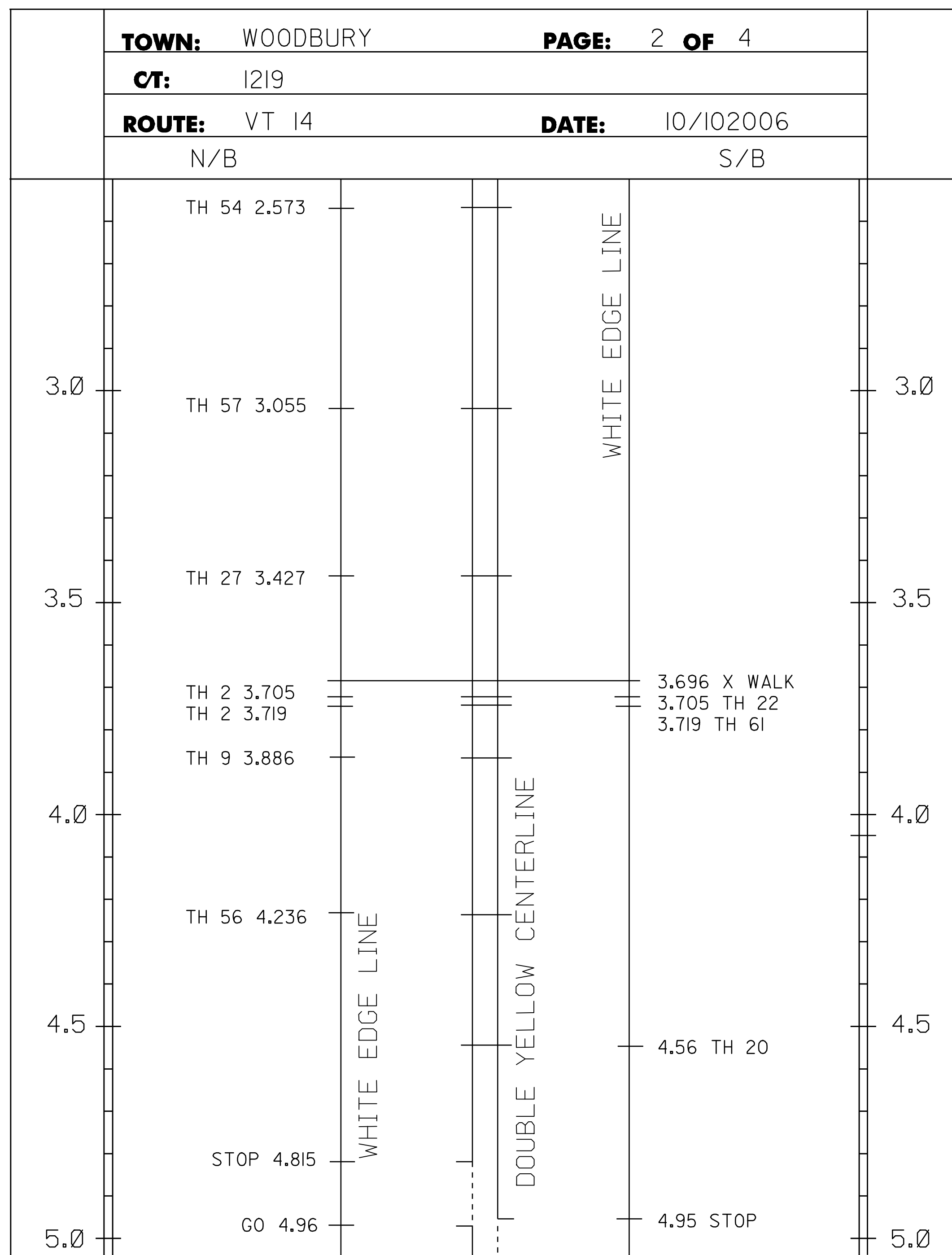
CONVENTIONAL SIGNS

- COUNTY LINE - - - - -
- TOWN LINE - - - - -
- LIMITS OF ACCESS - o - o - o -
- POINT OF ACCESS X
- FENCE LINE - x - x -
- STONE WALL o o o o o o o o o o
- TRAVELED WAY - - - - -
- GUARD RAIL o o o o o o o o o o
- RAILROAD + + + + +
- SURVEY LINE - + - + - + - + -
- CULVERT - - - - -
- POWER POLE o
- TELEPHONE POLE o
- TREES * * * * *
- CONTROL OF ACCESS //
- PROPERTY LINE - - - - -
- R.O.W. TAKING LINE - - - - - SR
- SLOPE RIGHTS o - o - o - o - o - o
- TOP OF CUT - A - A -
- TOE OF SLOPE - o - o - o - o - o - o

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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

PROJECT MANAGER: TED DOMEY	
PROJECT	WOODBURY - HARDWICK STP SURF(8)
SHEET 4 OF 12 SHEETS	



NOTE:

THIS SHEET TO BE USED FOR THE LAYOUT OF ALL PAVEMENT MARKINGS.
 THE RESIDENT ENGINEER MAY CONTACT KEITH SWEET, PAVEMENT MARKING SUPERVISOR AT TEL.: (802) 828-5573
 FOR ASSISTANCE LAYING OUT CENTERLINE DURING CONSTRUCTION.

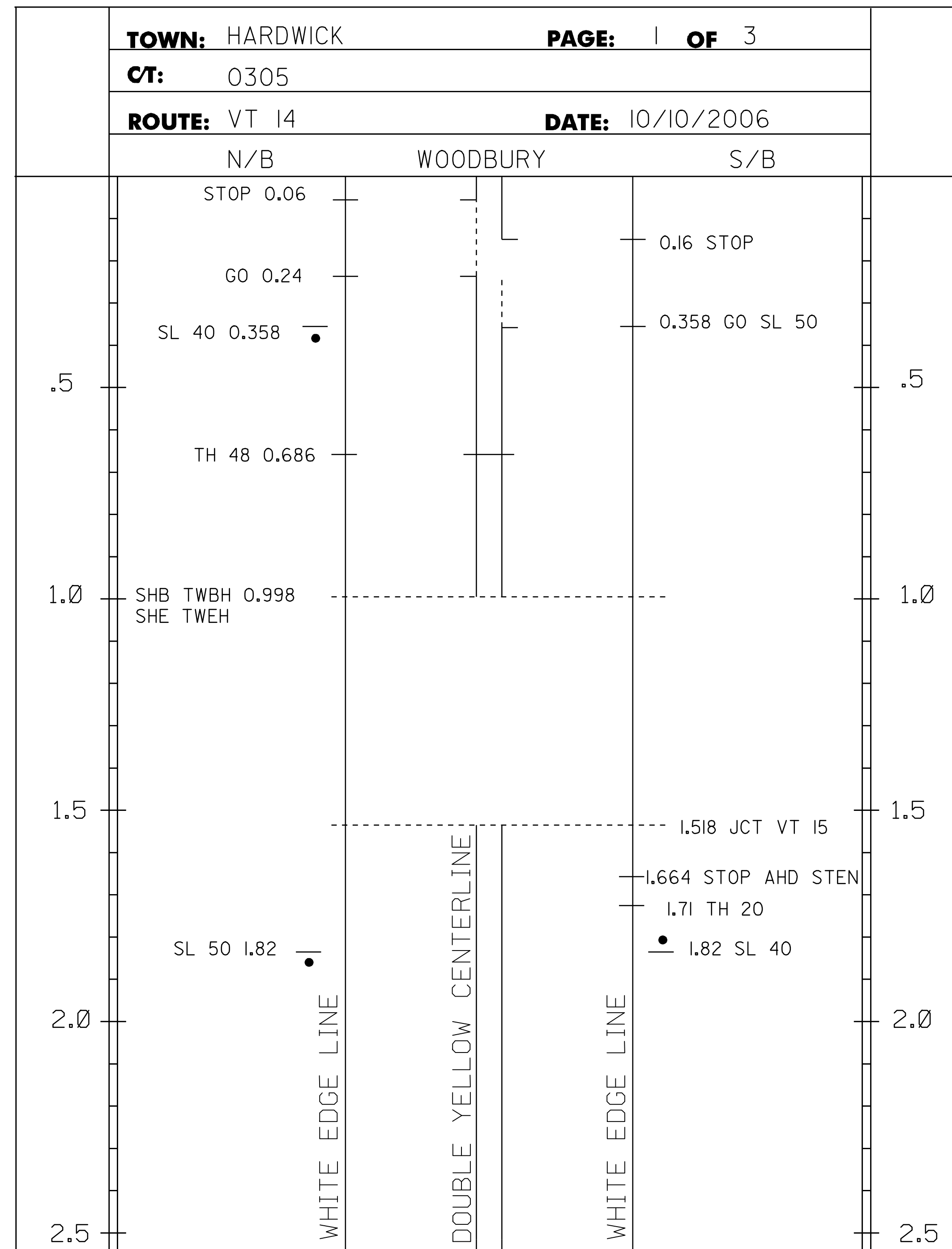
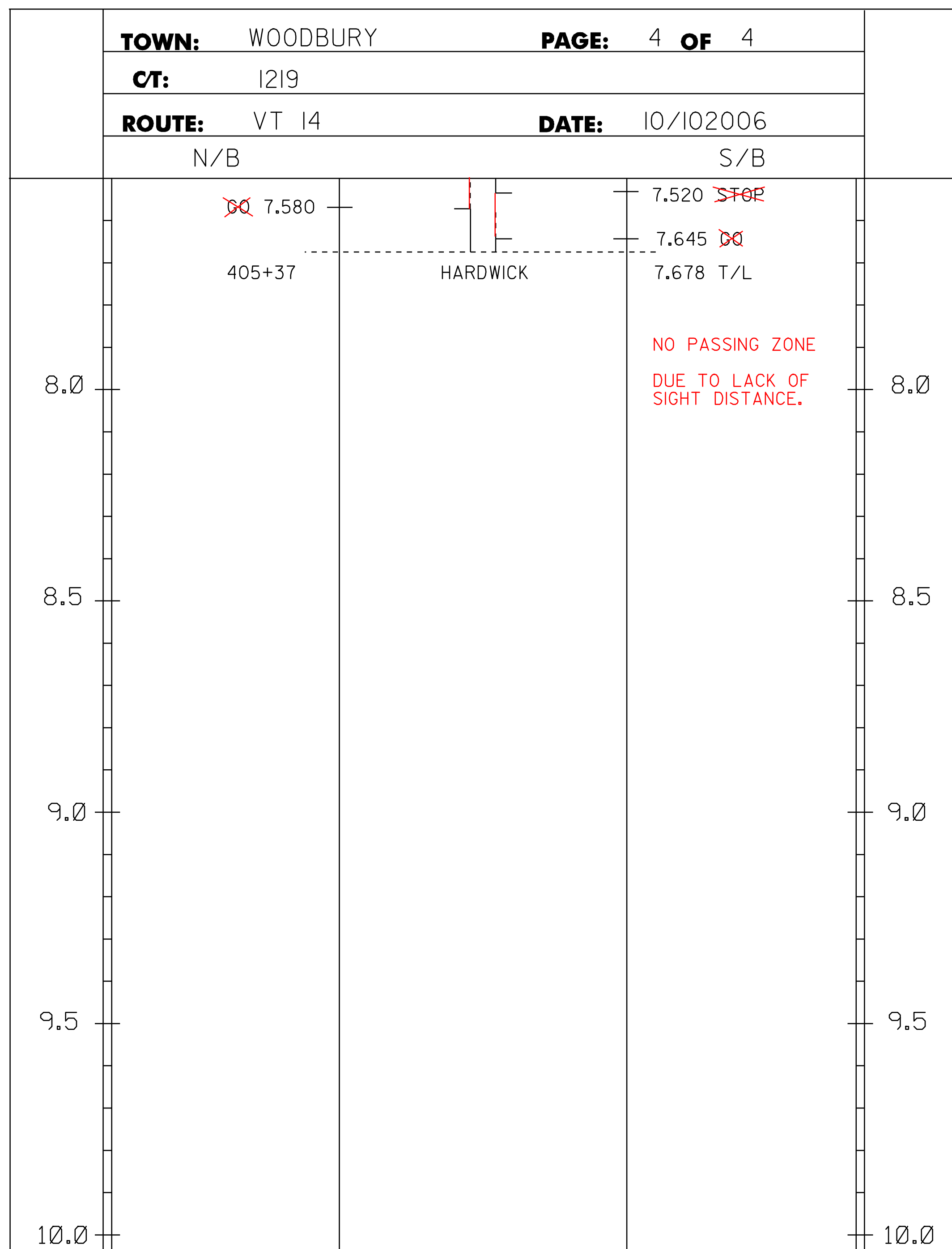
N.T.S.

**PAVEMENT
MARKING
LAYOUT #1**

PROJECT NAME: WOODBURY - HARDWICK
 PROJECT NUMBER: STP SURF(8)

FILE NAME: p08b012.dgn
 PROJECT LEADER: TED DOMEY
 DESIGNED BY: WILDER
 p08b012pml.1

PLOT DATE: 20-AUG-2009 14:
 DRAWN BY: WILDER
 CHECKED BY: PAVT MGMT
 SHEET 6 OF 12



NOTE:

THIS SHEET TO BE USED FOR THE LAYOUT OF ALL PAVEMENT MARKINGS. THE RESIDENT ENGINEER MAY CONTACT KEITH SWEET, PAVEMENT MARKING SUPERVISOR AT TEL.: (802) 828-5573 FOR ASSISTANCE LAYING OUT CENTERLINE DURING CONSTRUCTION.

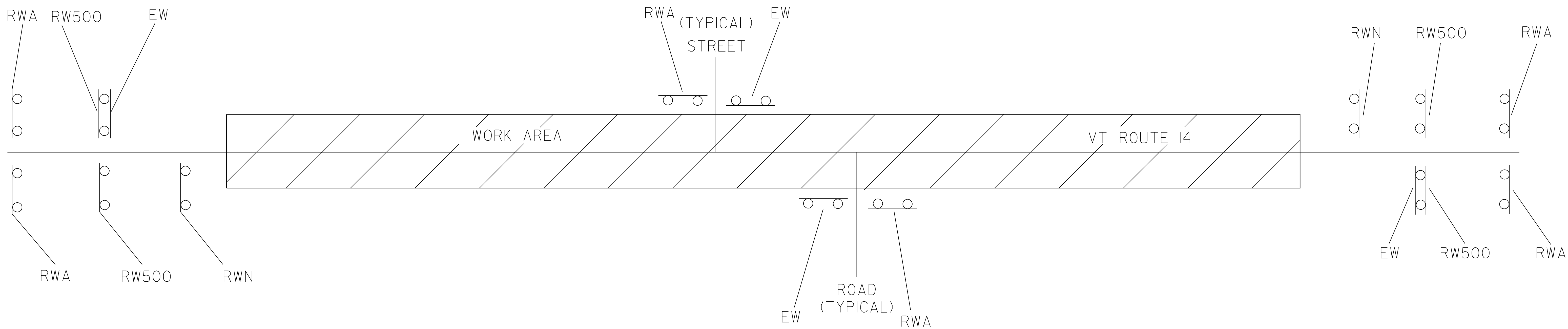
N.T.S.

PAVEMENT MARKING LAYOUT #2

PROJECT NAME: WOODBURY - HARDWICK
PROJECT NUMBER: STP SURF(8)

FILE NAME: p08b012.dgn
PROJECT LEADER: TED DOMEY
DESIGNED BY: WILDER
p08b012pm2.1

PLOT DATE: 20-AUG-2009 14:
DRAWN BY: WILDER
CHECKED BY: PAVT MGMT
SHEET 7 OF 12



CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 FOR SIGN PLACEMENT

THE RESIDENT ENGINEER, AT HIS OR HER DISCRETION,
MAY ELIMINATE CONSTRUCTION APPROACH SIGNING AT
DEAD END LOCATIONS

LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500 FEET
- EW = END WORK
- RWN = ROAD WORK NEXT 4 MILES

NOTE:

1. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER CONTRACT ITEM 64I.I0.

LIST OF CONSTRUCTION SIGNS

TOWN HIGHWAY	RWA	RW500	ERW	RWN
BEGIN PROJECT	2	2	1	1
BAILEY BRIDGE RD	1		1	
BUCK LAKE RD	1		1	
GREENWOOD LAKE RD	1		1	
CAREY RD	1		1	
END PROJECT	2	2	1	1
TOTALS	8	4	6	2

**TEMPORARY
TRAFFIC
CONTROL
PLAN**

PROJECT NAME: WOODBURY - HARDWICK
PROJECT NUMBER: STP SURF (8)

FILE NAME: p08b012.dgn
PROJECT LEADER: TED DOMEY
DESIGNED BY: LOCKE
p08b012+tp.i

PLOT DATE: 20-AUG-2009 14:
DRAWN BY: WILDER
CHECKED BY: PAVT MGMT
SHEET 8 OF 12

STATE OF VERMONT AGENCY OF TRANSPORTATION

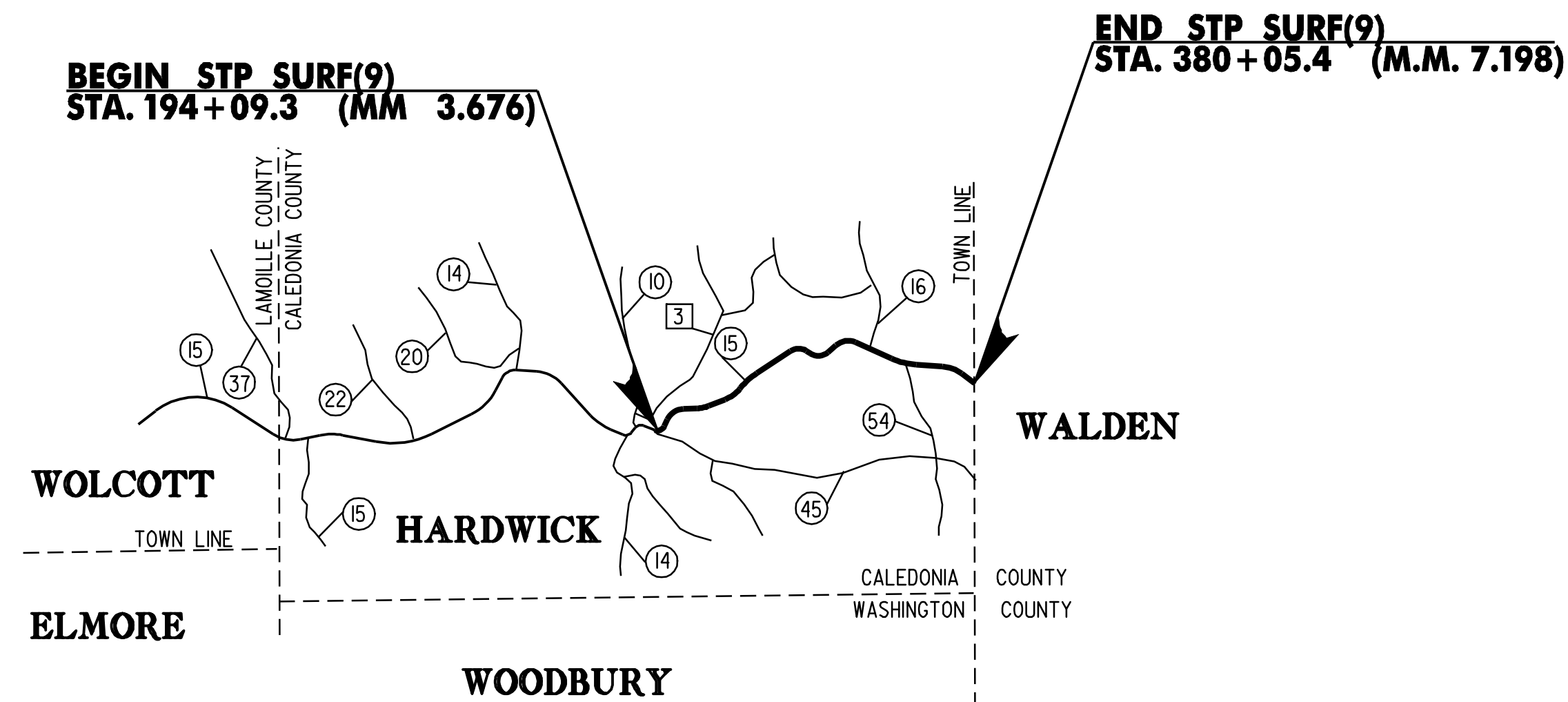
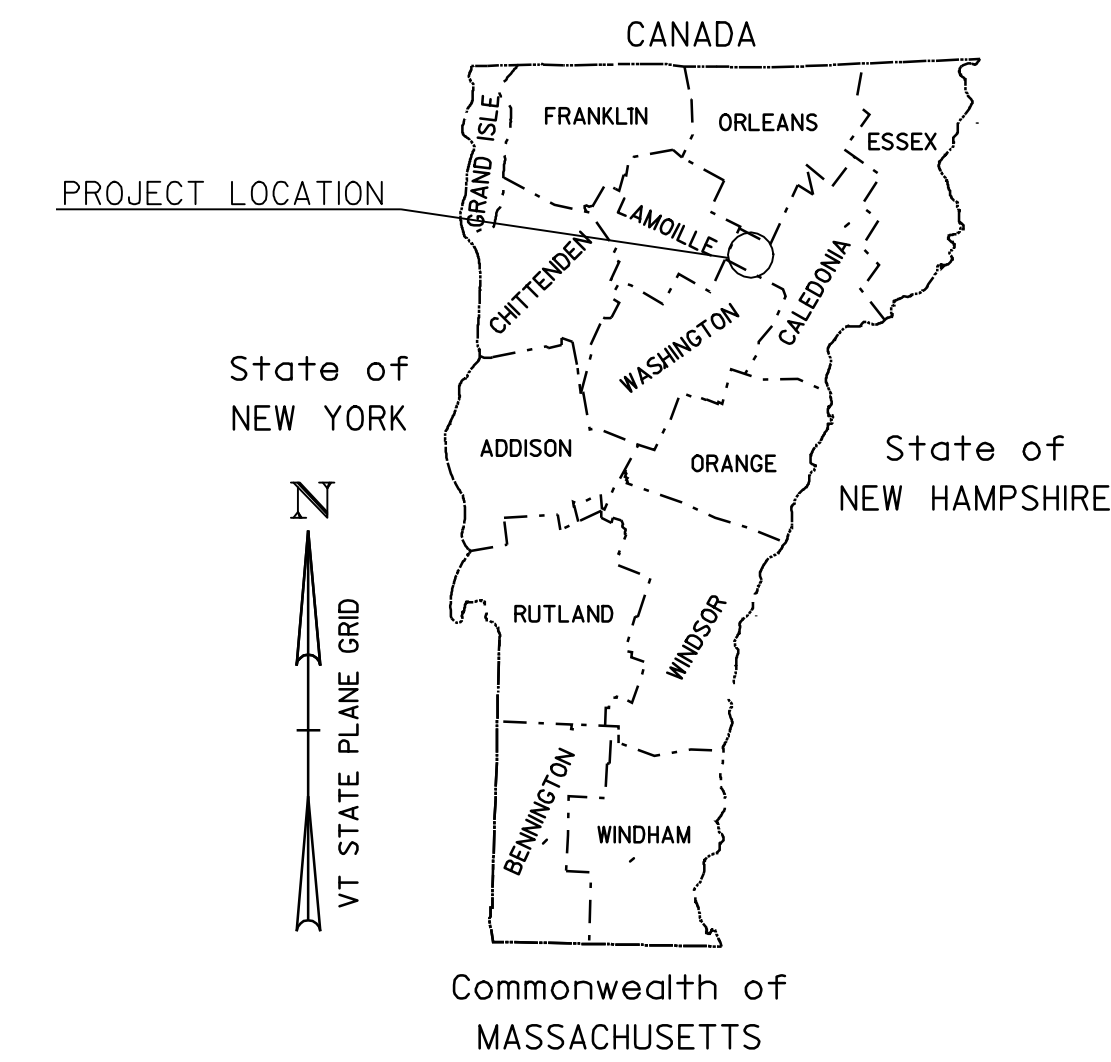


PROPOSED IMPROVEMENT TOWN OF HARDWICK COUNTY OF CALEDONIA VT ROUTE 15

BEGINNING AT MM 3.676 ON VT ROUTE 15 IN THE TOWN OF HARDWICK
AND EXTENDING 3.522 MILES EAST TO MM 7.198

LENGTH OF PROJECT 3.522 MILES
LENGTH OF ROADWAY 3.522 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE CONSTRUCTION OF A
PREVENTATIVE MAINTENANCE TREATMENT SITE ON THE EXISTING TYPICAL.



TRAFFIC DATA

HIGHWAY SECTION	AADT
2008	
BEGIN PROJECT TO VT. 16	4800
VT. 16 TO END PROJECT	3600

CONVENTIONAL SIGNS

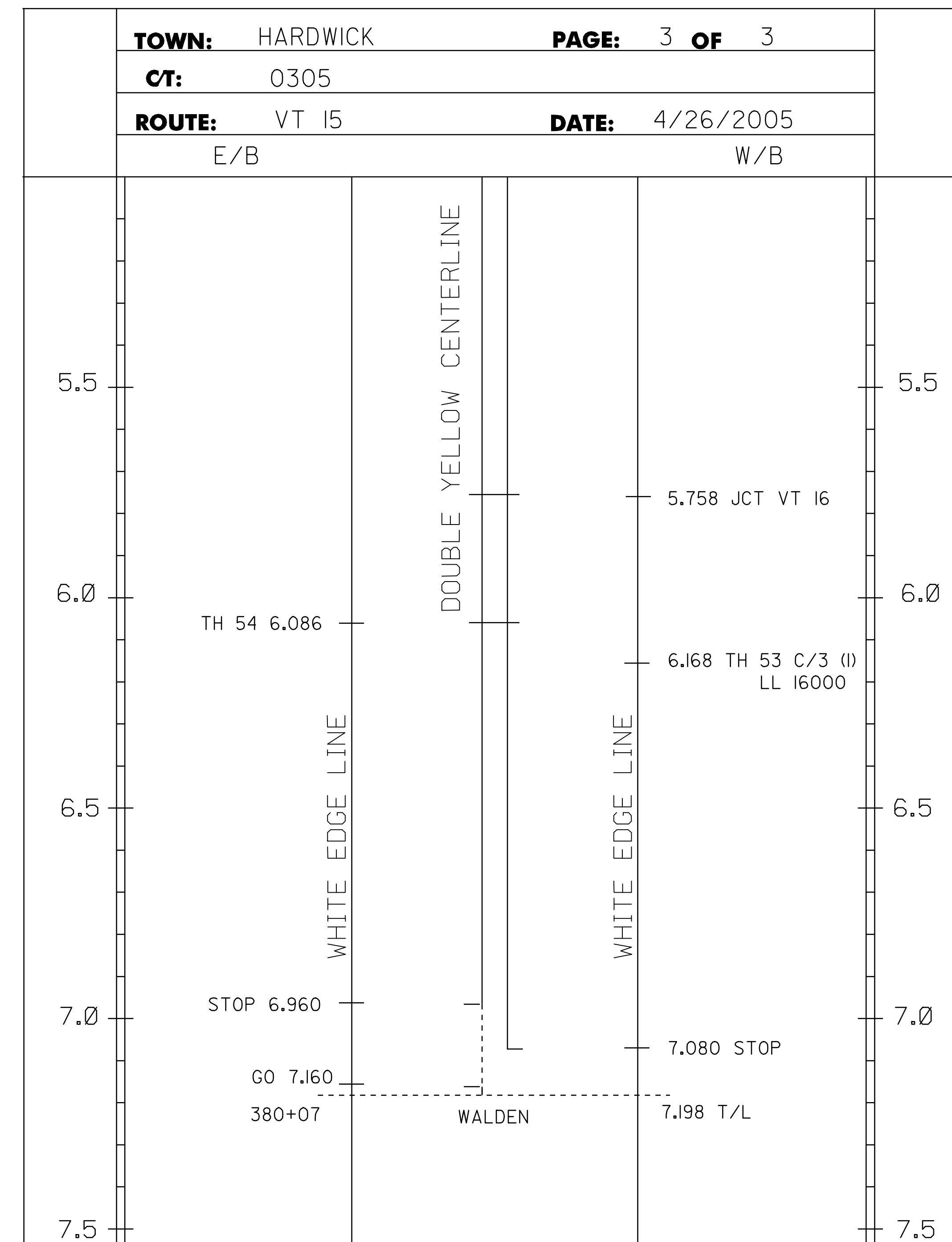
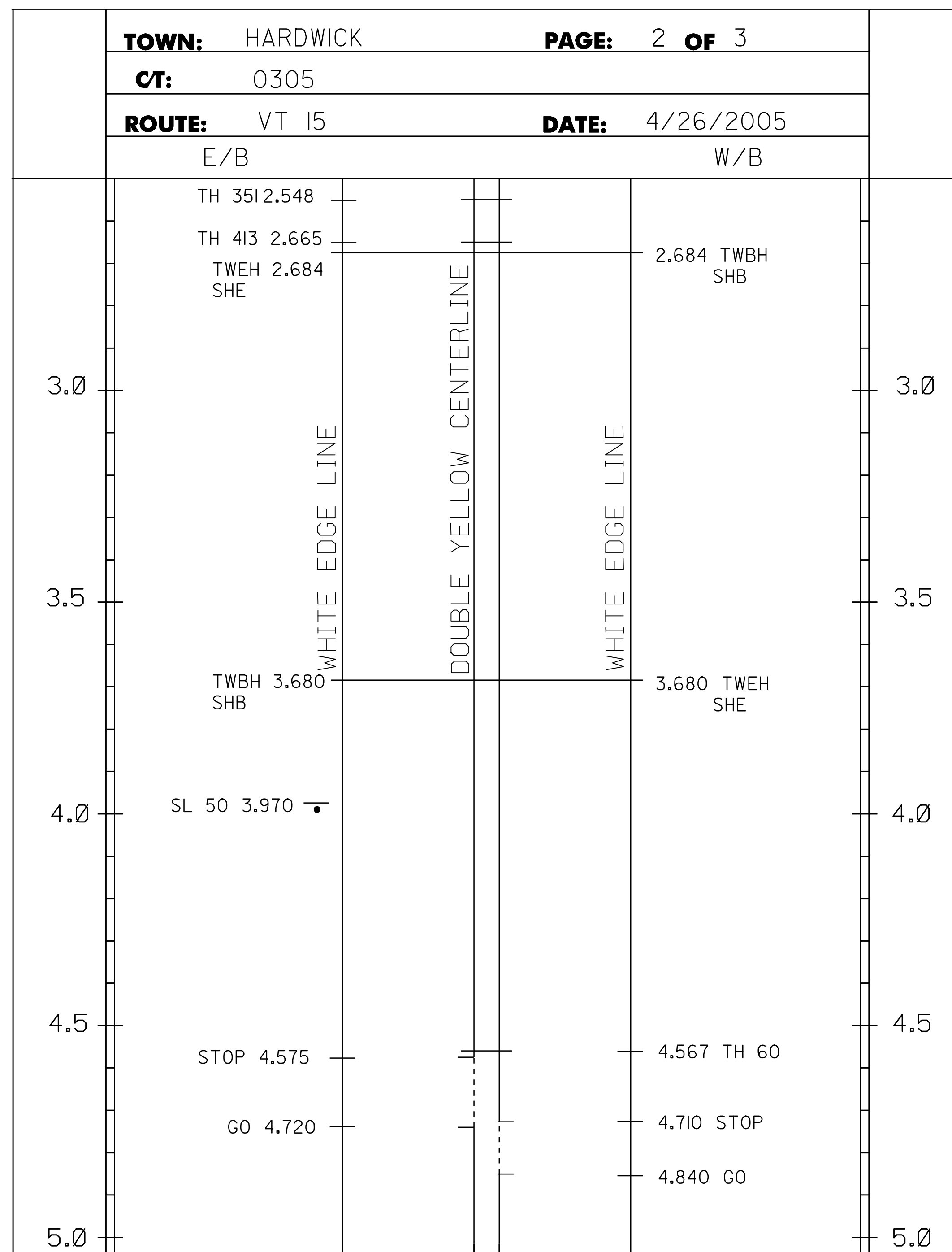
COUNTY LINE	----
TOWN LINE	----
LIMITS OF ACCESS	—○—○—○—
POINT OF ACCESS	X
FENCE LINE	—x—x—
STONE WALL	○○○○○○○○○○
TRAVELED WAY	----
GUARD RAIL	○ ○ ○ ○ ○ ○
RAILROAD	—+—+—+—+—
SURVEY LINE	—+—+—+—+—
CULVERT	—+—+—+—+—
POWER POLE	⊠
TELEPHONE POLE	⊡
TREES	⊗ ⊗ ⊗
CONTROL OF ACCESS	///
PROPERTY LINE	----
R.O.W.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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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

PROJECT MANAGER: TED DOMEY

PROJECT HARDWICK
STP SURF(9)



NOTE:

THIS SHEET TO BE USED FOR THE LAYOUT OF ALL PAVEMENT MARKINGS.
 THE RESIDENT ENGINEER MAY CONTACT KEITH SWEET, PAVEMENT MARKING SUPERVISOR AT TEL.: (802) 828-5573
 FOR ASSISTANCE LAYING OUT THE CENTERLINE DURING CONSTRUCTION.

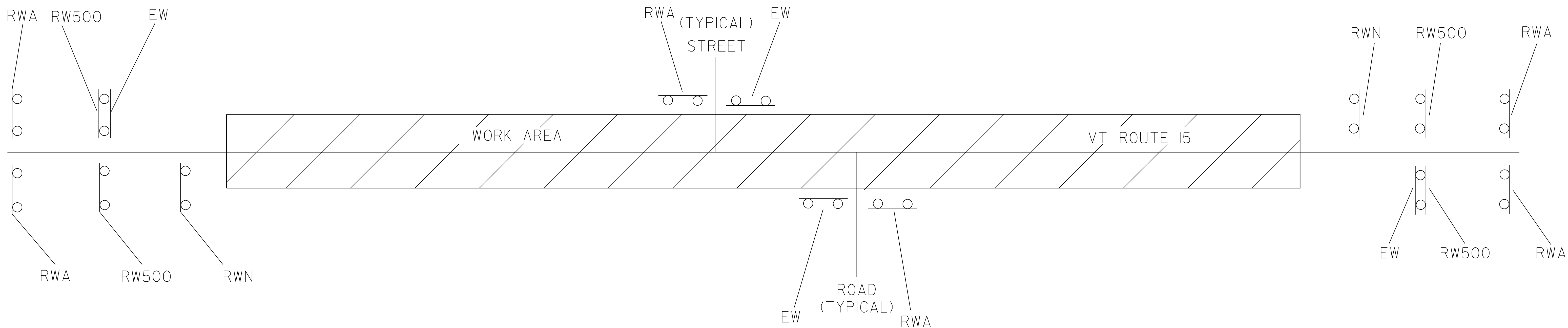
N.T.S.

**PAVEMENT
MARKING
LAYOUT #1**

PROJECT NAME: HARDWICK
 PROJECT NUMBER: STP SURF(9)

FILE NAME: p08b014.dgn
 PROJECT LEADER: TED DOMEY
 DESIGNED BY: WILDER
 p08b014pml.i

PLOT DATE: 20-AUG-2009 14:
 DRAWN BY: WILDER
 CHECKED BY: PAVT MGMT
 SHEET II OF 12



CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 FOR SIGN PLACEMENT

THE RESIDENT ENGINEER, AT HIS OR HER DISCRETION,
MAY ELIMINATE CONSTRUCTION APPROACH SIGNING AT
DEAD END LOCATIONS

LEGEND

RWA = ROAD WORK AHEAD
 RW500 = ROAD WORK 500 FEET
 EW = END WORK
 RWN = ROAD WORK NEXT 4 MILES

I. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER CONTRACT ITEM 64I.I0.

U.S. HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
BAILEY RD. (T-60)	1	1			
ROUTE 16	1	1			
EASTMAN RD. (T-54)	1	1			
FISHER RD. (T-53) OLD HOUSE DR	1	1			
BEGINNING OF PROJECT	2	2	2	1	
END OF PROJECT	2	2	2	1	
TOTAL	8	8	4	2	

+ BROWN FARM 1 1

TEMPORARY TRAFFIC CONTROL PLAN

PROJECT NAME: HARDWICK
 PROJECT NUMBER: STP SURF(9)

FILE NAME: p08b014.dgn
 PROJECT LEADER: TED DOMEY
 DESIGNED BY: WILDER
 p08b014+tp.i

PLOT DATE: 20-AUG-2009 14:
 DRAWN BY: WILDER
 CHECKED BY: PAVT MGMT
 SHEET 12 OF 12