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VAOT STANDARDS

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RECORD PLANS

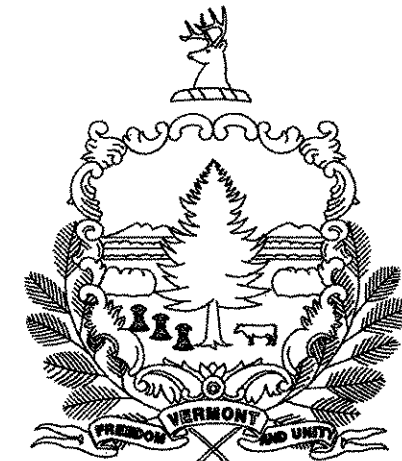
CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT
 RESIDENT ENGINEER: DOUG BUMPS
 CONSTRUCTION BEGAN: JULY 29, 2008
 CONSTRUCTION COMPLETE: OCTOBER 18, 2008
 RECORD PLANS BY: DOUG BUMPS

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

BY Doug Bumps RESIDENT ENGINEER
 DATE 4/24/09

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.

STATE OF VERMONT
 AGENCY OF TRANSPORTATION

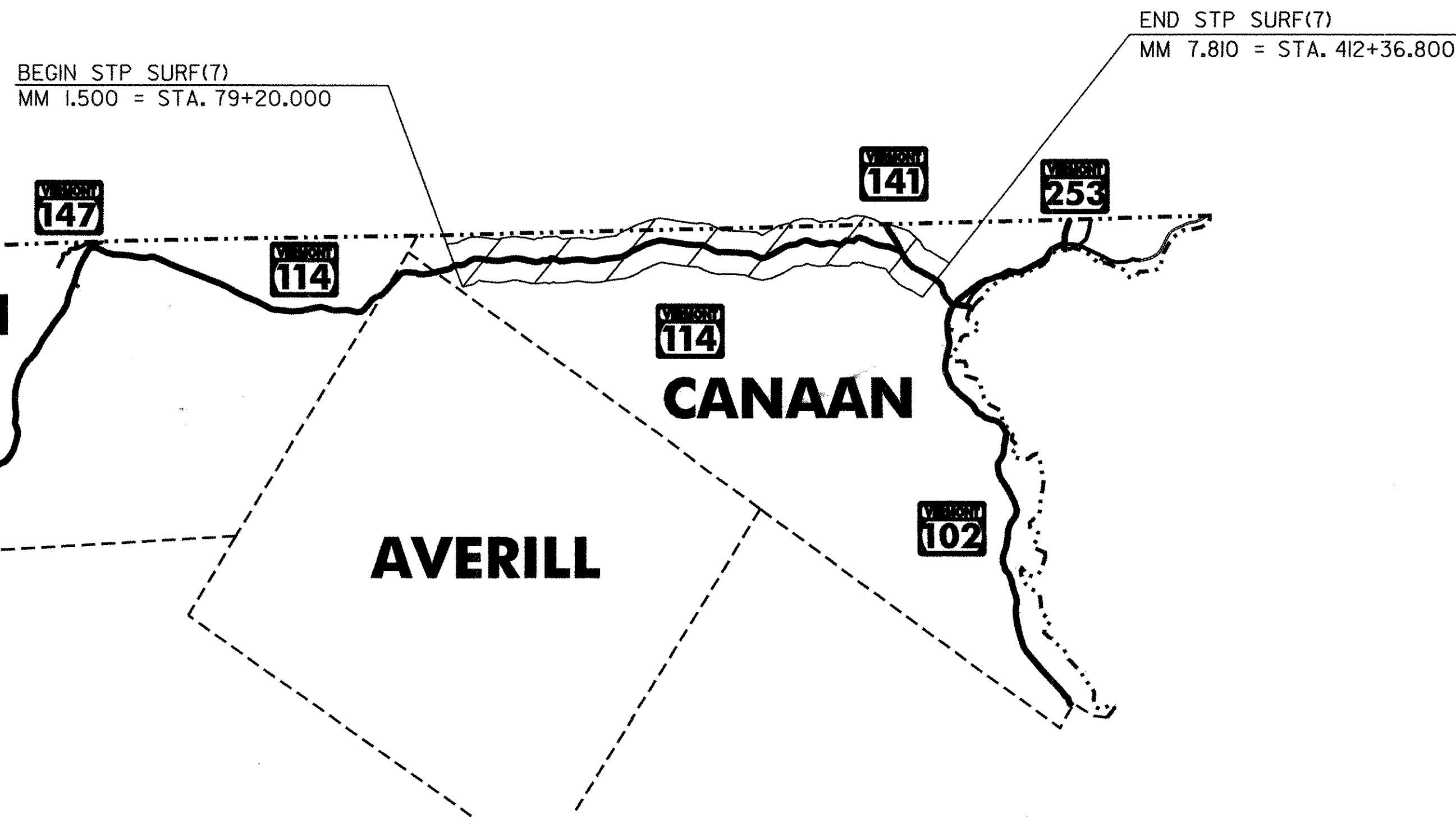
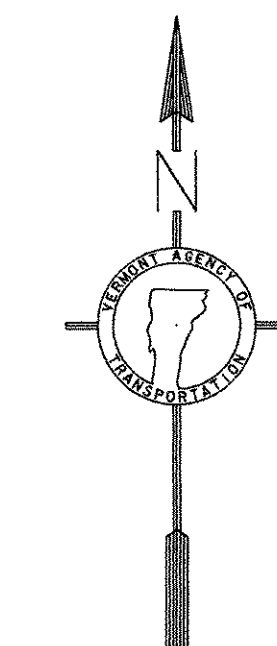
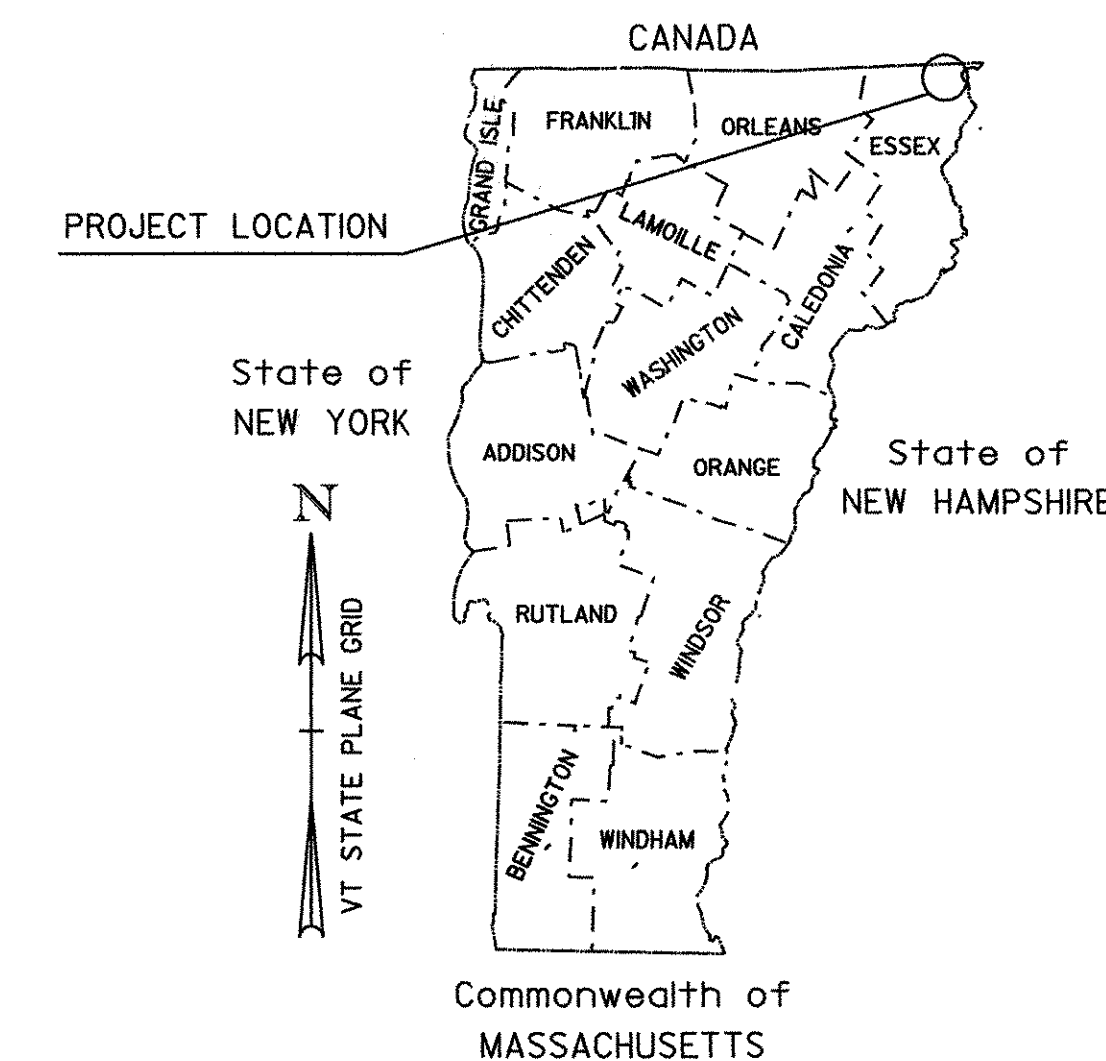


PROPOSED IMPROVEMENT
TOWN OF CANAAN
COUNTY OF ESSEX
VT ROUTE 114

BEGINNING AT MM 1.500 ON VT ROUTE 114 IN THE TOWN OF CANAAN AND EXTENDING 6.310 MILES NORTH TO MM 7.810 TOWARDS THE VT/NH BORDER

LENGTH OF PROJECT 6.310 MILES
 LENGTH OF ROADWAY 6.310 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	2018
BEGIN PROJECT TO WALLACE POND	710	800
WALLACE POND TO VT 141	980	1100
VT 141 TO VT 102/VT 253	1600	1800
VT 102/VT 253 TO NH STATE LINE	2900	3200

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	----
SLOPE RIGHTS	SR
TOP OF CUT	△
TOE OF SLOPE	○

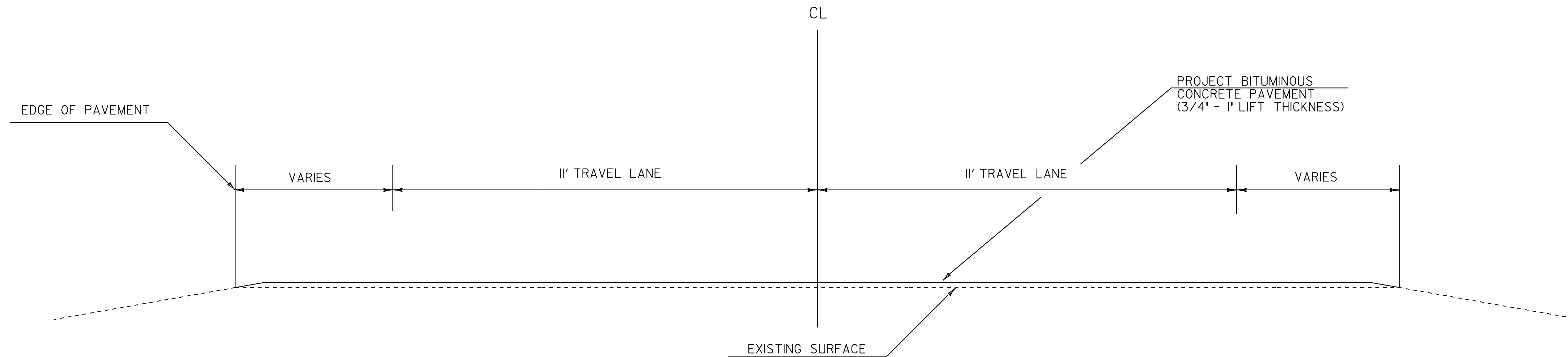
DATUM

VERTICAL	N/A
HORIZONTAL	N/A

BUILT AS DESIGNED

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 _____ DATE _____	DIRECTOR OF PROGRAM DEVELOPMENT
PROJECT MANAGER: DOMEY	
PROJECT	CANAAN STP SURF(7)
SHEET 1 OF 7 SHEETS	

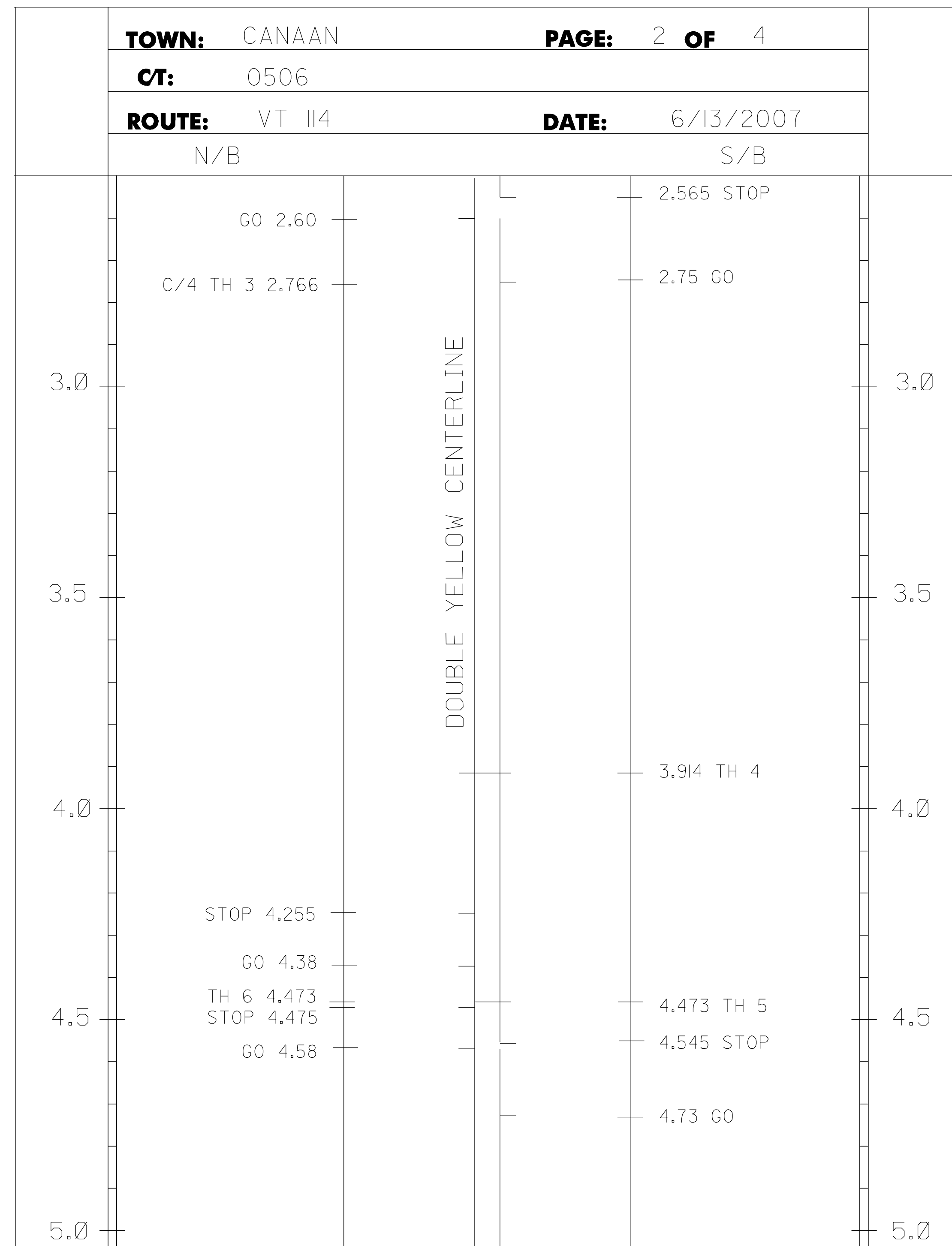
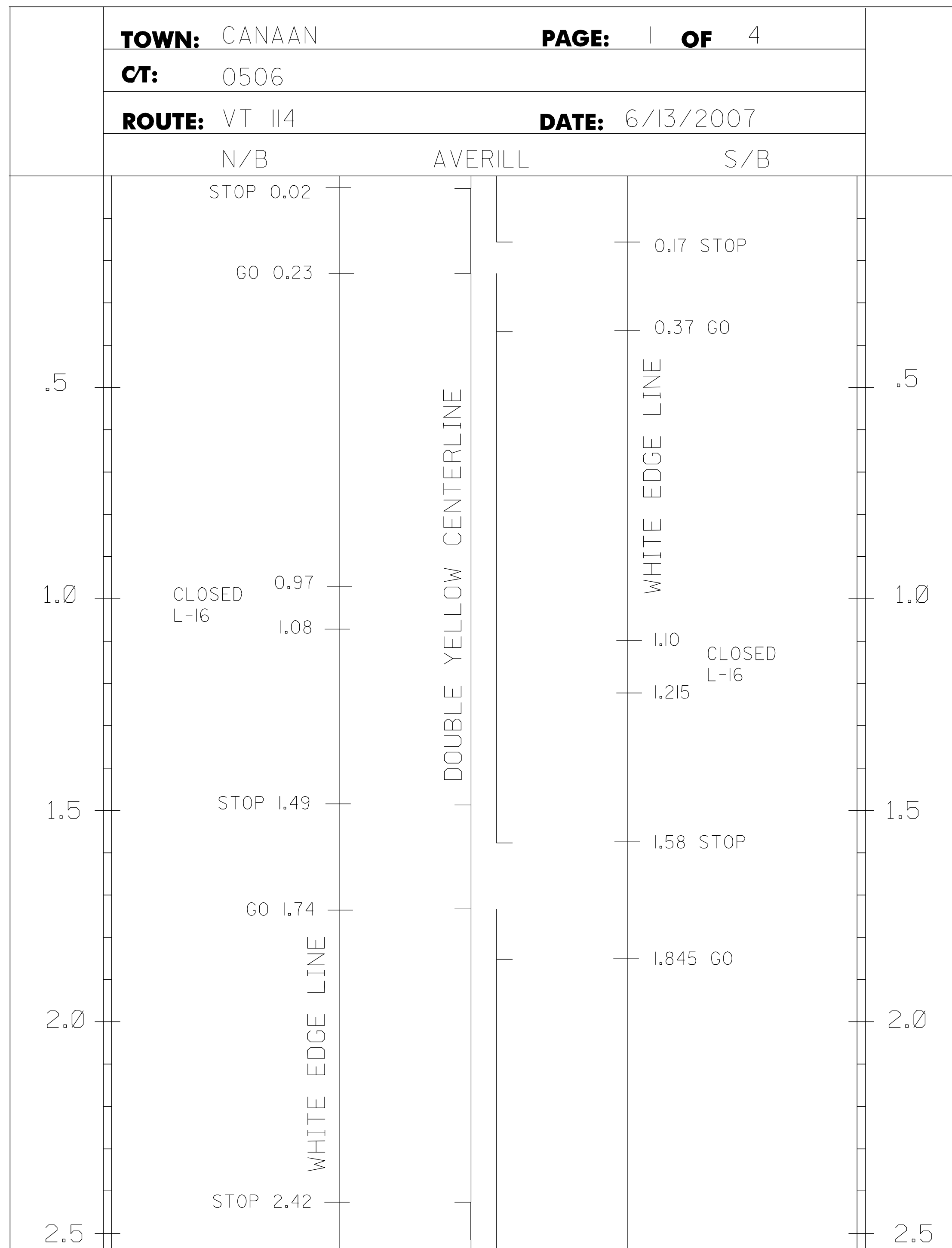


TYPICAL SECTION
VT 114 MM 1.500 - MM 7.810
 NOT TO SCALE
 STA. 79+20.00 - STA. 412+36.80

NOTES:

1. IT IS EXPECTED THAT SOME SPOT LEVELING WITH THE PROJECT BITUMINOUS CONCRETE PAVEMENT WILL BE NECESSARY AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO THE PLACEMENT OF THE WEARING COURSE. AN ESTIMATED QUANTITY HAS BEEN INCLUDED FOR THIS PURPOSE.
2. IF IT IS DETERMINED IN AREAS ALONG THE BASE OF GUARDRAIL WHERE WINTER SAND AND OTHER DEBRIS HAS ACCUMULATED SUFFICIENTLY TO AFFECT PROPER PLACEMENT OF LEVELING OR WEARING COURSES, THIS MATERIAL SHALL BE REMOVED PRIOR TO PAVING 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. A 50' COLD PLANED WEDGE SHALL BE CONSTRUCTED AT THE PROJECT BEGIN AND BRIDGE 48 AND 52 APPROACHES. A BUTT JOINT SHALL SERVE AS THE PROJECT TERMINATION ON THE EAST END OF BRIDGE 52 AT MM 7.810. THE LONGITUDINAL EDGES OF THE SURFACE TREATMENTS SHALL BE FEATHERED AS DIRECTED BY THE RESIDENT ENGINEER. THE COLD PLANE LIMIT FOR TOWN HIGHWAYS WILL BE UP TO OR SLIGHTLY OFFSET FROM THE EXISTING STOP BARS OR AS DIRECTED BY THE ENGINEER. THE COLD PLANE LIMIT FOR DRIVES SHALL BE 2 FEET FROM THE EXISTING EDGE OF PAVEMENT OR AS DIRECTED BY THE 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 WEARING COURSE. 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 IV OR TYPE V, OR SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS OR TYPE VS, 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 58° C AND/OR THE LOWER END IS LESS THAN -28° C.
5. PRIOR TO THE PLACEMENT OF THE PROJECT BITUMINOUS PAVEMENT, EMULSIFIED ASPHALT SHALL BE APPLIED TO ALL EXISTING PAVEMENT SURFACES AND ON ALL COLD PLANED SURFACES AT A RATE OF 0.080 GAL/SY (+/- 0.01 GAL/SY) OR AS DIRECTED BY THE RESIDENT ENGINEER. EMULSIFIED ASPHALT SHALL BE SS-1H OR CSS-1H AND SHALL MEET REQUIREMENTS OF SUBSECTION 702.04 AND SHALL BE DILUTED 1:1 WITH WATER BY THE EMULSION MANUFACTURER.
6. BRIDGES THAT ARE COLD PLANED SHALL RECEIVE THE SAME SURFACE PREPARATION TREATMENTS AS INDICATED IN NOTE 2 ABOVE IF NECESSARY OR AS DIRECTED BY THE RESIDENT ENGINEER.
 BRIDGES WITHIN THE PROJECT ARE: BRIDGE NUMBER 48, MM 2.744 (COLD PLANE 1" AND OVERLAY WITH 2 NEW PLUG JOINTS)
 BRIDGE NUMBER 49, MM 4.772 (OVERLAY)
 BRIDGE NUMBER 50, MM 6.905 (OVERLAY)
 BRIDGE NUMBER 51, MM 7.240 (OVERLAY)
 BRIDGE NUMBER 52, MM 7.784 (COLD PLANE 1" AND OVERLAY WITH 2 NEW PLUG JOINTS)
7. THE GYRATION SPECIFICATION FOR THE BITUMINOUS CONCRETE PAVEMENT ALTERNATIVE A SHALL BE 75. THE MIX TYPE FOR THIS ALTERNATIVE SHALL BE TYPE VS.

TYPICAL SECTION	PROJECT NAME: CANAAN	PLOT DATE: 18-MAY-2009
	PROJECT NUMBER: STP SURF(7)	DRAWN BY: LOCKE
	FILE NAME: p07c292.dgn	CHECKED BY: PAVT MGMT
	PROJECT LEADER: DOMEY	SHEET 2 OF 7
	DESIGNED BY: LOCKE	
	p07c292+yp.i	



NOTE:

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

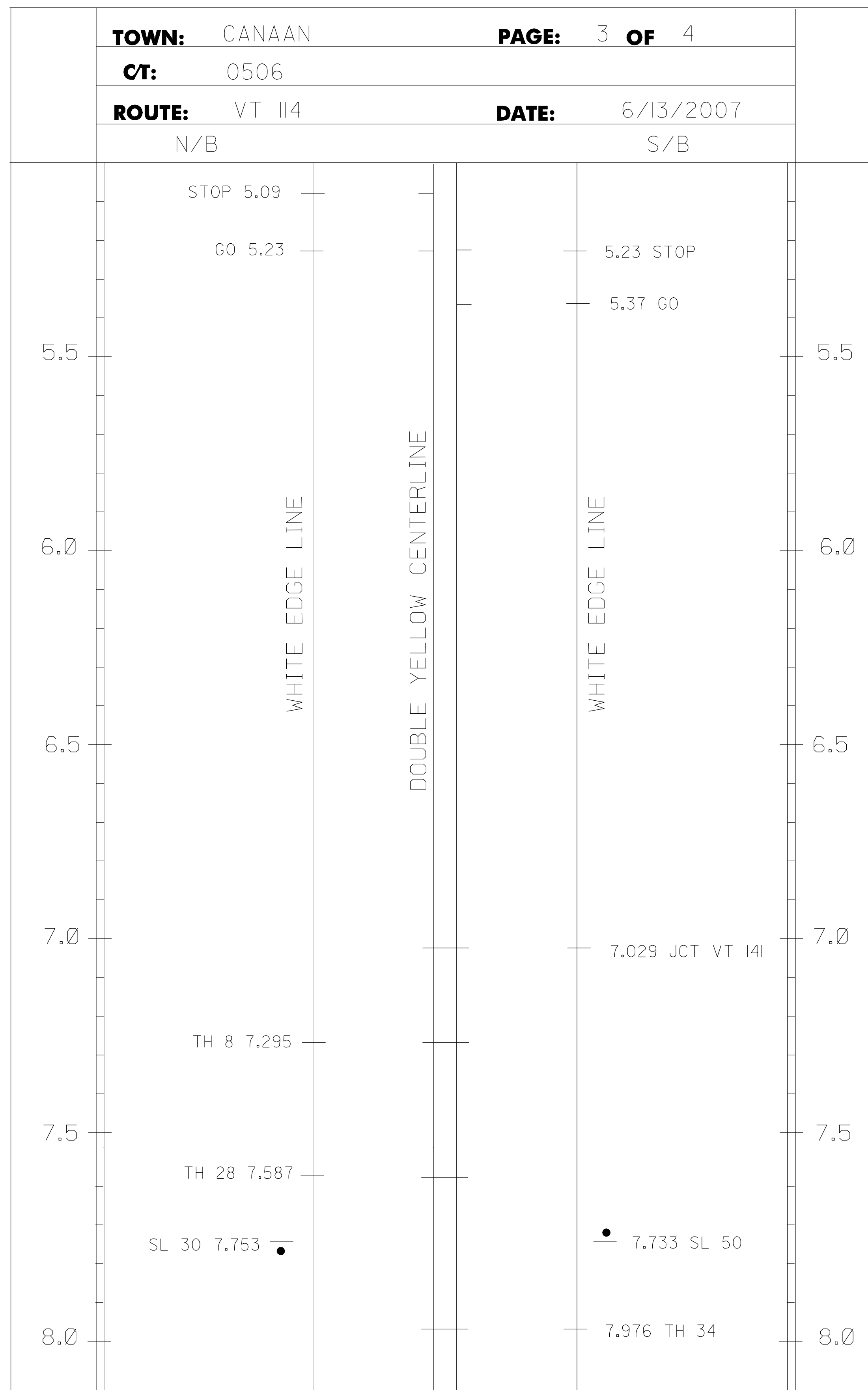
N.T.S.

**PAVEMENT
MARKING
LAYOUT #1**

PROJECT NAME: CANAAN
 PROJECT NUMBER: STP SURF(7)

FILE NAME: p07c292.dgn
 PROJECT LEADER: DOMEY
 DESIGNED BY: LOCKE
 p07c292pml.i

PLOT DATE: 18-MAY-2009
 DRAWN BY: LOCKE
 CHECKED BY: PAVT MGMT
 SHEET 4 OF 7

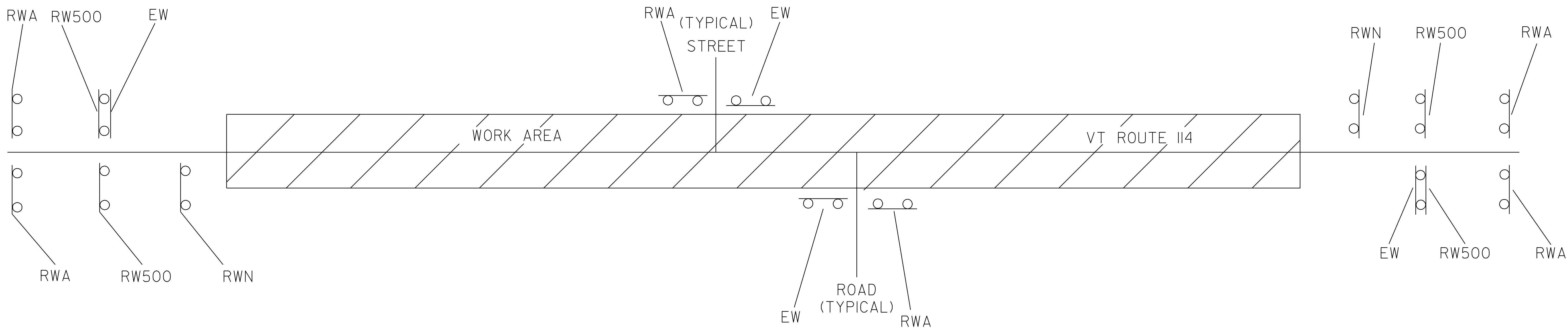


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 THE RESIDENT ENGINEER MAY CONTACT KEITH SWEET, PAVEMENT MARKING SUPERVISOR AT (802) 828-5573
 FOR ASSISTANCE LAYING OUT THE CENTERLINE DURING CONSTRUCTION.

N.T.S.

PAVEMENT MARKING LAYOUT #2	PROJECT NAME: CANAAN	
	PROJECT NUMBER: STP SURF(7)	
	FILE NAME: p07c292.dgn PROJECT LEADER: DOMEY DESIGNED BY: LOCKE p07c292pm2.1	PLOT DATE: 18-MAY-2009 DRAWN BY: LOCKE CHECKED BY: PAVT MGMT SHEET 5 OF 7



CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 FOR SIGN PLACEMENT

LEGEND

RWA = ROAD WORK AHEAD
 RW500 = ROAD WORK 500 FEET
 EW = END WORK
 RWN = ROAD WORK NEXT 7 MILES

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

NOTE:

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

TEMPORARY CONSTRUCTION SIGNING	PROJECT NAME: CANAAN	PLOT DATE: 18-MAY-2009
	PROJECT NUMBER: STP SURF (7)	DRAWN BY: LOCKE
	FILE NAME: p07c292.dgn	CHECKED BY: PAVT MGMT
	PROJECT LEADER: DOMEY	SHEET 7 OF 7
	DESIGNED BY: LOCKE	
	p07c292+tp.l	