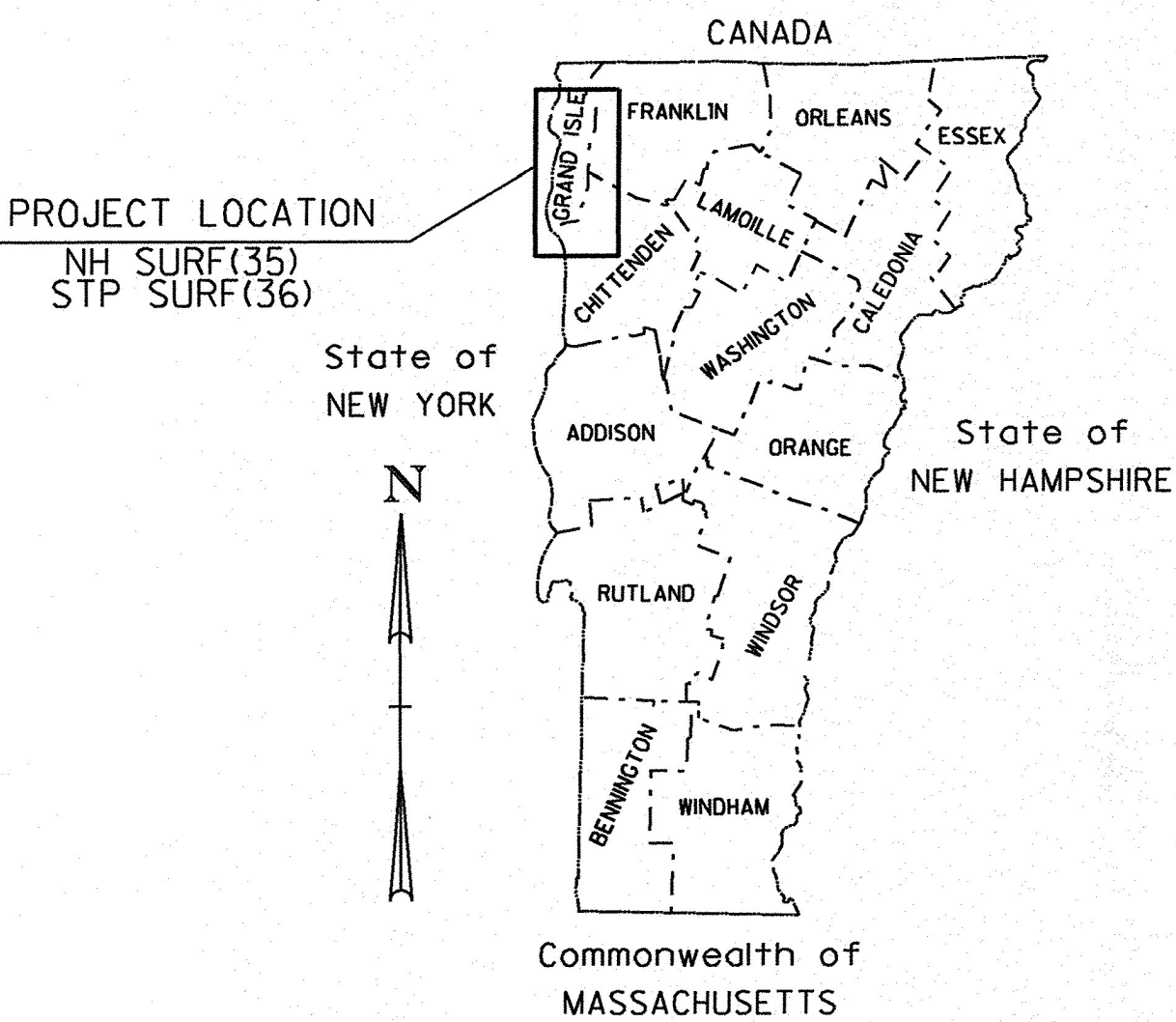


FOR INDEX, SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF ALBURGH, NORTH HERO, GRAND ISLE,
SOUTH HERO, MILTON & COLCHESTER
COUNTIES OF GRAND ISLE & CHITTENDEN
U.S. ROUTE 2



RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	JEFF COTA
CONSTRUCTION BEGAN:	AUGUST 12, 2013
CONSTRUCTION COMPLETE:	JULY 31, 2015
RECORD PLANS BY:	JEFF COTA & JESSE IVES
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	RESIDENT ENGINEER
DATE	4/19/18
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.	

ALBURGH
NH SURF(35)
U.S. ROUTE 2
SEE SHEET 10 OF 70

ALBURGH-COLCHESTER
STP SURF(36)
U.S. ROUTE 2
SEE SHEET 27 OF 70

MM 0.538
BEGIN NH SURF(35)
U.S. ROUTE 2

MM 6.263
END NH SURF(35)
BEGIN STP SURF(36)
U.S. ROUTE 2

MM 2.192
END STP SURF(36)
U.S. ROUTE 2

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 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

BUILT AS DESIGNED

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE _____
PROJECT MANAGER :
PROJECT NAME : ALBURGH-COLCHESTER
PROJECT NUMBER : NH SURF(35) & STP SURF(36)
SHEET 1 OF 70 SHEETS

QUALITY ASSURANCE PROGRAM: LEVEL 1

CONVENTIONAL SYMBOLS

COUNTY LINE	COUNTY LINE
TOWN LINE	TOWN LINE
LIMITS OF ACCESS	
POINT OF ACCESS	X
FENCE LINE	X X X 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	+
TELEPHONE POLE	+
TREES	+
CONTROL OF ACCESS	///
PROPERTY LINE	---
R.O.W. TAKING LINE	SR SR SR SR
SLOPE RIGHTS	SR SR SR SR
TOP OF CUT	SR SR SR SR
TOE OF SLOPE	SR SR SR SR

SURVEYED BY : N/A
SURVEYED DATE : N/A
DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

12b322+1.1

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- 2. COMPOSITE INDEX OF SHEETS
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- 9. COMPOSITE TEMPORARY TRAFFIC CONTROL SHEET

ALBURGH NH SURF(35)

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ALBURGH-COLCHESTER STP SURF(36)

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BRIDGE JOINT ASPHALTIC PLUG (STRUCTURES DETAIL SD-516.10)

STANDARDS

E-100	01-02-2004
E-100A	01-02-2004
E-101	05-30-2003
E-102	06-30-2003
E-102A	05-01-2004
E-103	03-01-2004
E-105	05-01-2004
E-106	03-01-2004
E-107A	06-08-2009
E-108	06-08-2009
E-108A	06-08-2009
E-191	02-01-1999
E-193	08-18-1995

NOT TO SCALE

COMPOSITE
INDEX OF SHEETS

PROJECT NAME: ALBURGH-COLCHESTER	
PROJECT NUMBER: NH SURF(35)/STP SURF(36)	
FILE NAME: I2b322.DGN	PLOT DATE: 10-JUN-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
I2b322ns.I	SHEET 2 OF 70

REVISIONS
REVISED 6/7/13

NOTES:

1. THE PAVEMENT WEARING COURSE SHALL BE AS SPECIFIED UNDER ALTERNATE NOTES BELOW. THE LEVELING COURSE SHALL BE TYPE IVS, ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE ENGINEER.
2. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE 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 ENGINEER. ALL JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
3. ALL SIDE ROADS ARE TO BE PAVED 25 FEET FROM THE EDGE OF MAINLINE UNLESS OTHERWISE SPECIFIED IN THE PLANS OR DIRECTED BY THE ENGINEER.
4. GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
5. INSTALLATION, COMPACTION, GRADING, AND CLEAN UP OF ITEM 402.12, AGGREGATE SHOULDERS, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
6. ITEM 604.40 AND ITEM 604.42 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE LAYOUT SHEETS OR AS DIRECTED BY THE ENGINEER. ALL D'S SHALL BE RAISED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
7. AN ESTIMATED QUANTITY OF ITEM 608.15 POWER GRADER RENTAL HAS BEEN INCLUDED FOR REMOVING BUILT UP SAND, SOD, ETC ADJACENT TO THE SHOULDER IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
8. DURABLE PAVEMENT MARKINGS ARE OPTIONED FOR THIS PROJECT. THE CONTRACTOR SHALL BID THE SAME MARKING MATERIAL FOR ALL OPTION ITEMS.
9. ITEM 646.76 LINE STRIPING TARGETS SHALL BE PLACED AS OUTLINED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR THE PLACEMENT OF THE WHITE EDGE LINES AND YELLOW CENTER LINES.
10. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POT HOLE 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" FILL METHOD. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE PAID FOR UNDER ITEM 417.20, BITUMINOUS CRACK SEALING, "BLOW AND GO" METHOD. THE PATCHING OF ALL CRACKS GREATER THAN 1.0 INCH AND ALL OTHER PATCHING AND POT HOLE REPAIR SHALL BE COMPLETED USING BITUMINOUS CONCRETE PAVEMENT IN ACCORDANCE WITH ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED TO COVER ALL COSTS ASSOCIATED WITH THIS WORK.
11. ALL EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO ANY CRACK SEALING BEING PERFORMED AND PRIOR TO APPLYING THE FINAL SURFACE TREATMENT. ALL LANE DELINEATION IS TO BE MAINTAINED DURING CONSTRUCTION BY THE USE OF LINE STRIPING TARGETS OR TEMPORARY PAINT. REMOVAL OF EXISTING PAVEMENT MARKINGS TO BE PAID UNDER ITEM 646.85.
12. A 50' COLD PLANED WEDGE SHALL BE CONSTRUCTED AT THE PROJECT BEGIN AND PROJECT END, AS DIRECTED BY THE ENGINEER. ANY SAWCUTTING AT BUTT JOINTS SHALL BE PAID INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT. THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ADJACENT TO EXISTING DROP INLETS OR CATCH BASINS. ANY DAMAGE WHICH OCCURS TO THESE DRAINAGE STRUCTURES AS A RESULT OF THESE OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.
13. IF IT IS DETERMINED IN AREAS ALONG THE BASE OF THE GUARDRAIL THAT WINTER SAND AND OTHER DEBRIS HAS ACCUMULATED SUFFICIENTLY TO AFFECT PROPER CRACK SEALING AND RELATED PATCHING AND POT HOLE REPAIR TREATMENTS, THIS MATERIAL SHALL BE REMOVED PRIOR TO CRACK SEALING, PATCHING, AND POT HOLE REPAIR AS DIRECTED BY THE ENGINEER. A QUANTITY FOR ITEM 203.40, SHOULDER BERM REMOVAL, HAS BEEN INCLUDED TO COVER THE COSTS ASSOCIATED WITH THIS WORK.
14. IT IS EXPECTED THAT SOME SPOT LEVELING WILL BE NECESSARY AS DIRECTED BY THE ENGINEER PRIOR TO THE PLACEMENT OF THE WEARING COURSE. ESTIMATED QUANTITIES OF ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AND ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H) HAVE BEEN INCLUDED FOR THIS PURPOSE.
15. SOME SEGMENTS OF THE TRAVEL LANE WITHIN THE PROJECT LIMITS HAVE RUT/WEAR DEPTHS GREATER THAN 0.5". ESTIMATED QUANTITIES FOR ITEMS 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AND 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H) HAVE BEEN INCLUDED FOR REPAIRING THESE AREAS. THE ACTUAL FINAL SEGMENTS FOR TREATMENT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD PRIOR TO CONSTRUCTION. IT IS ANTICIPATED THESE MANUAL SURVEYS WILL BE CONDUCTED UNDER A LANE CLOSURE PROVIDED BY THE CONTRACTOR AND CONSIDERED INCIDENTAL TO ITEM 641.10 TRAFFIC CONTROL.THESE AREAS SHALL BE PAVED WITH SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS IN ONE PASS. EMULSIFIED ASPHALT FOR TACK COAT SHALL BE APPLIED TO THE COLD PLANED SURFACE AT A MINIMUM RATE OF 0.080 GAL/SY PRIOR TO PLACEMENT OF THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
16. PRIOR TO THE PLACEMENT OF THE FINAL SURFACE TREATMENT, 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 ENGINEER. EMULSIFIED ASPHALT SHALL BE RS-1H OR CRS-1H PER THE MANUFACTURER'S RECOMMENDATION AND PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H). TACK COAT APPLICATION RATE ON ALL OTHER PAVED SURFACES SHALL BE 0.025 TO 0.040 GAL/SY OR RS1-H OR CRS1-H.
17. THE GYRATION SPECIFICATION FOR THE 6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT AND SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE 75. THE PERFORMANCE GRADED BINDER SHALL BE PG 58-28.
18. BITUMINOUS CONCRETE PAVEMENT AT PUBLIC AND/OR PERMITTED DRIVES WHICH IS INSTALLED BY HAND SHALL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, SHALL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR BITUMINOUS CONCRETE PAVEMENT.

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BROSSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

SEEDING NOTES

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

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

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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

NOT TO SCALE

COMPOSITE
ALTERNATES
NOTES SHEET

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: NH SURF(35)/STP SURF(36)

FILE NAME: I2b322..DGN

PLOT DATE: 25-APR-2013

PROJECT LEADER: FOWLER

DRAWN BY: PVT. MGT.

DESIGNED BY: PVT. MGT.

CHECKED BY: PVT. MGT.

I2b322ns.I

SHEET 3 OF 70

COMPOSITE QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES															
ALBURGH NH SURF(35)					ALBURGH-COLCHESTER NH SURF(36)										
ROADWAY	NON-GOV'T PARTICIPATION	FULL C.E.	ALTERNATE A	ALTERNATE B	ROADWAY	NON-GOV'T PARTICIPATION	BRIDGE	FULL C.E.	ALTERNATE A	ALTERNATE B	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
5550					45000						50550	LF	SHOULDER BERM REMOVAL	203.40	EST.
I					I						2	CY	TRENCH EXCAVATION OF EARTH, EXPLORATION (N.A.B.I.)	204.22	EST.
21000					7400						28400	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	525
33500					120000						153500	LF	MILLED RUMBLE STRIPS 	213.10	3670
2500					12500						15000	TON	AGGREGATE SHOULDERS	402.12	534
I					I						2	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
9000					55000						64000	LB	BITUMINOUS CRACK SEALING, "BLOW AND GO" METHOD (AASHTO M 234 (ASTM D 6690) TYPE II)	417.20	EST.
2750					12000						14750	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	406
I					I						2	LU	AIR VOIDS PAY ADJUSTMENT	490.31	-
							325				325	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	EST.
							100				100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.
5						4					9	EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
					2						2	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
	9										9	EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
25					100						125	HR	POWER GRADER RENTAL	608.15	EST.
150					700						850	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
100					200						300	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
100					200						300	HR	TRUCK RENTAL	608.37	EST.
	8				I						9	EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-
1900					3000						4900	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
2400					4000						6400	HR	FLAGGERS	630.15	EST.
		0.5						0.5			I	LS	FIELD OFFICE, ENGINEERS	631.10	-
		0.5						0.5			I	LS	TESTING EQUIPMENT, BITUMINOUS (N.A.B.I.)	631.17	-
		1500						1500			3000	DL	FIELD OFFICE, TELEPHONE (N.A.B.I.)	631.26	-
0.5					0.5						I	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
I											I	LS	TRAFFIC CONTROL (NH SURF (35))	641.10	-
					I						I	LS	TRAFFIC CONTROL (STP SURF(36))	641.10	-
4					6						10	EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
61000					358000						419000	LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	2111
61000					352000						413000	LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	2707
					1000						1000	LF	DURABLE 6 INCH WHITE LINE, POLYUREA	646.424	203
					300						300	LF	DURABLE 6 INCH YELLOW LINE, POLYUREA	646.434	143

 REVISED 6/7/13

PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	NH SURF (35)/STP SURF(36)
FILE NAME:12b320/12b322..dgn	PLOT DATE: 10-JUN-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PAVT MGMT
IPARM FILE NAME: 12b322cpqs01.i	SHEET 4 OF 70

COMPOSITE QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

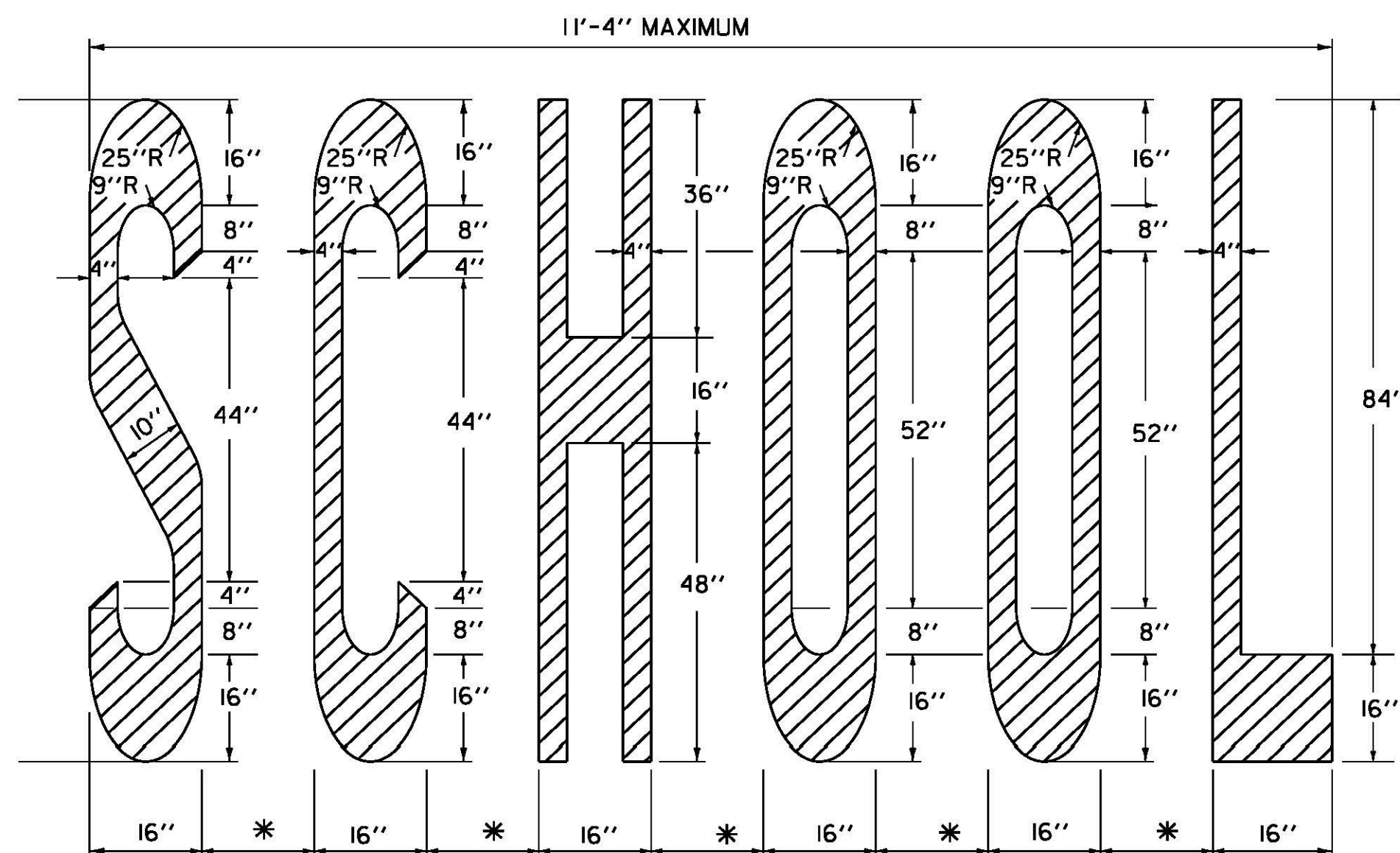
SUMMARY OF ESTIMATED QUANTITIES															
ALBURGH NH SURF(35)					ALBURGH-COLCHESTER NH SURF(36)										
ROADWAY	NON-GOV'T PARTICIPATION	FULL C.E.	ALTERNATE A	ALTERNATE B	ROADWAY	NON-GOV'T PARTICIPATION	BRIDGE	FULL C.E.	ALTERNATE A	ALTERNATE B	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
60					3200						3260	LF	DURABLE 8 INCH WHITE LINE, POLYUREA	646.444	121
					300						300	LF	DURABLE 8 INCH YELLOW LINE, POLYUREA	646.454	86
250					1500						1750	LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	143
68					440						508	LF	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	10
120					200						320	LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	70
61000					358000						419000	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	2111
61000					352000						413000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	2707
					1000						1000	LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	202
					300						300	LF	TEMPORARY 6 INCH YELLOW LINE, PAINT	646.632	143
60					3200						3260	LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	121
					300						300	LF	TEMPORARY 8 INCH YELLOW LINE, PAINT	646.652	86
250					1500						1750	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	143
68					440						508	LF	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	10
120					200						320	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	90
1600					8700						10300	EACH	LINE STRIPING TARGETS	646.76	EST.
61000					357000						418000	SF	REMOVAL OF EXISTING PAVEMENT MARKINGS	646.85	EST.
100					100						200	LB	SEED	651.15	EST.
500					500						1000	LB	FERTILIZER	651.18	EST.
1					1						2	TON	AGRICULTURAL LIMESTONE	651.20	EST.
1					1						2	TON	HAY MULCH	651.25	EST.
25					25						50	CY	TOPSOIL	651.35	EST.
150					150						300	SF	TRAFFIC SIGNS, TYPE A 	675.20	4
225					225						450	LF	SQUARE TUBE SIGN POST AND ANCHOR 	675.341	2
1					1						2	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-
					1						1	EACH	SPECIAL PROVISION (REMOVE AND REPLACE TRAFFIC SIGNAL CONTROLLER) (US RTE 2 & US RTE 7)	900.620	-
					1						1	EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US RTE 2 @ RAMPS A & B)	900.620	-
					1						1	EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US RTE 2 @ RAMPS E & C)	900.620	-
					1						1	EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US RTE 2 & US RTE 7)	900.620	-
1200					10000						11200	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	EST.
50					200						250	TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE1)	900.680	EST.

 REVISED 6/7/13
 REVISED 6/7/13

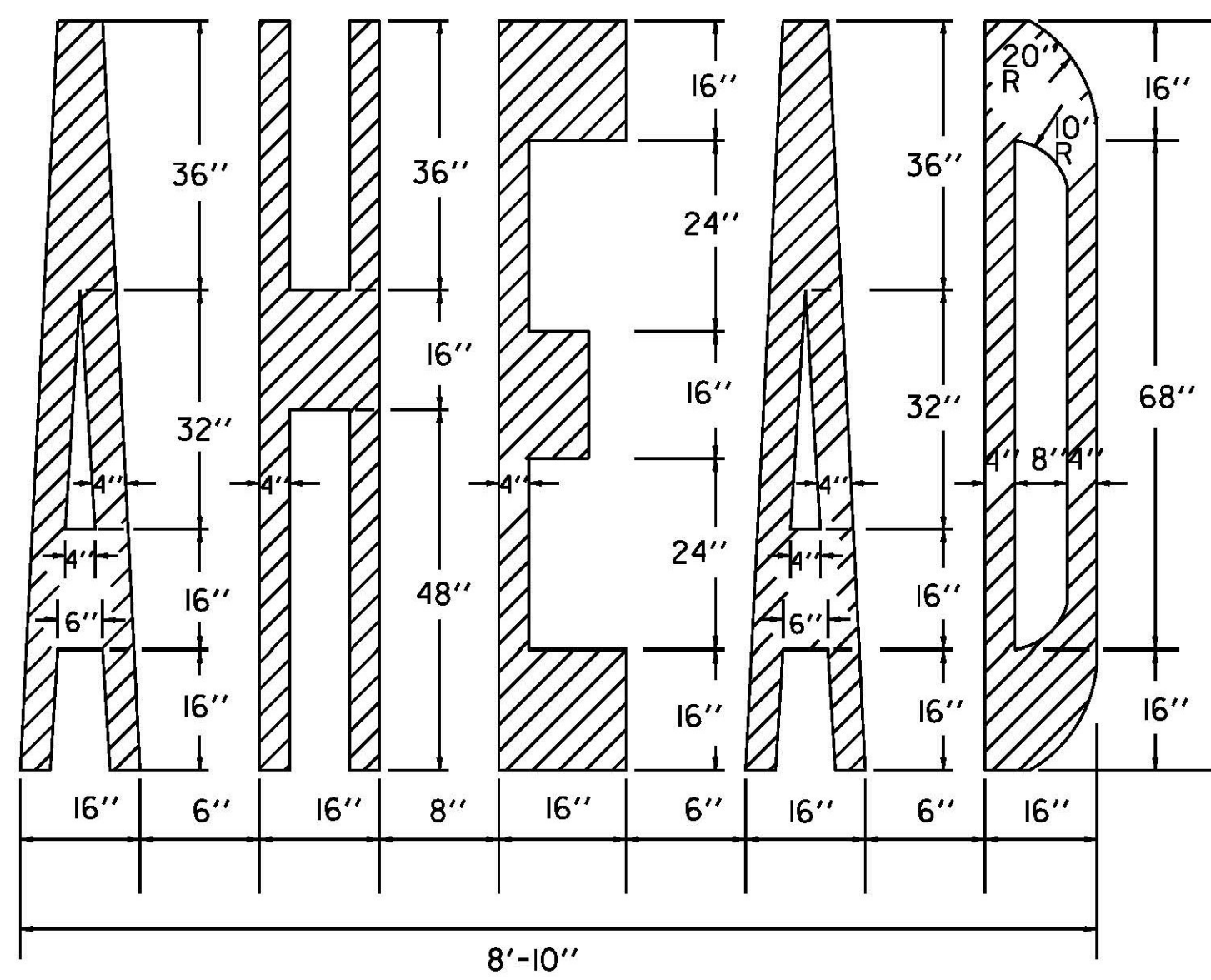
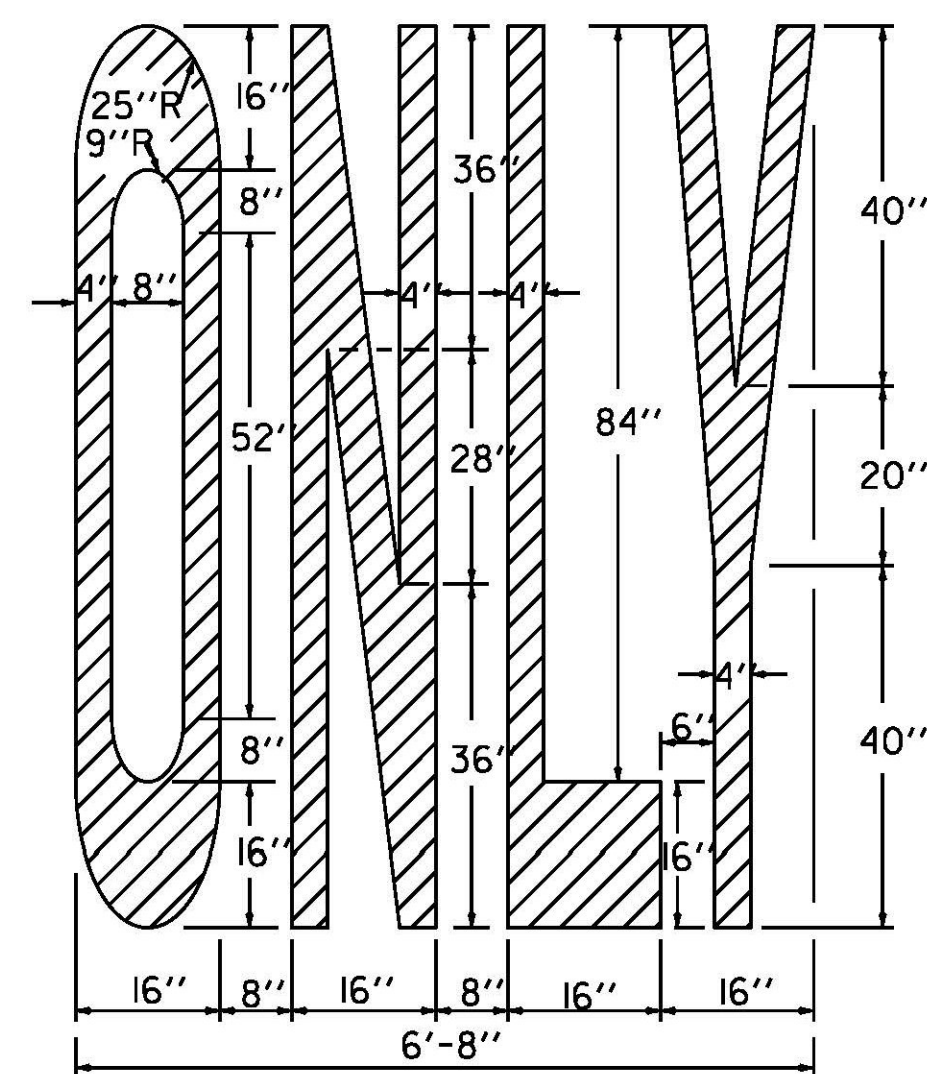
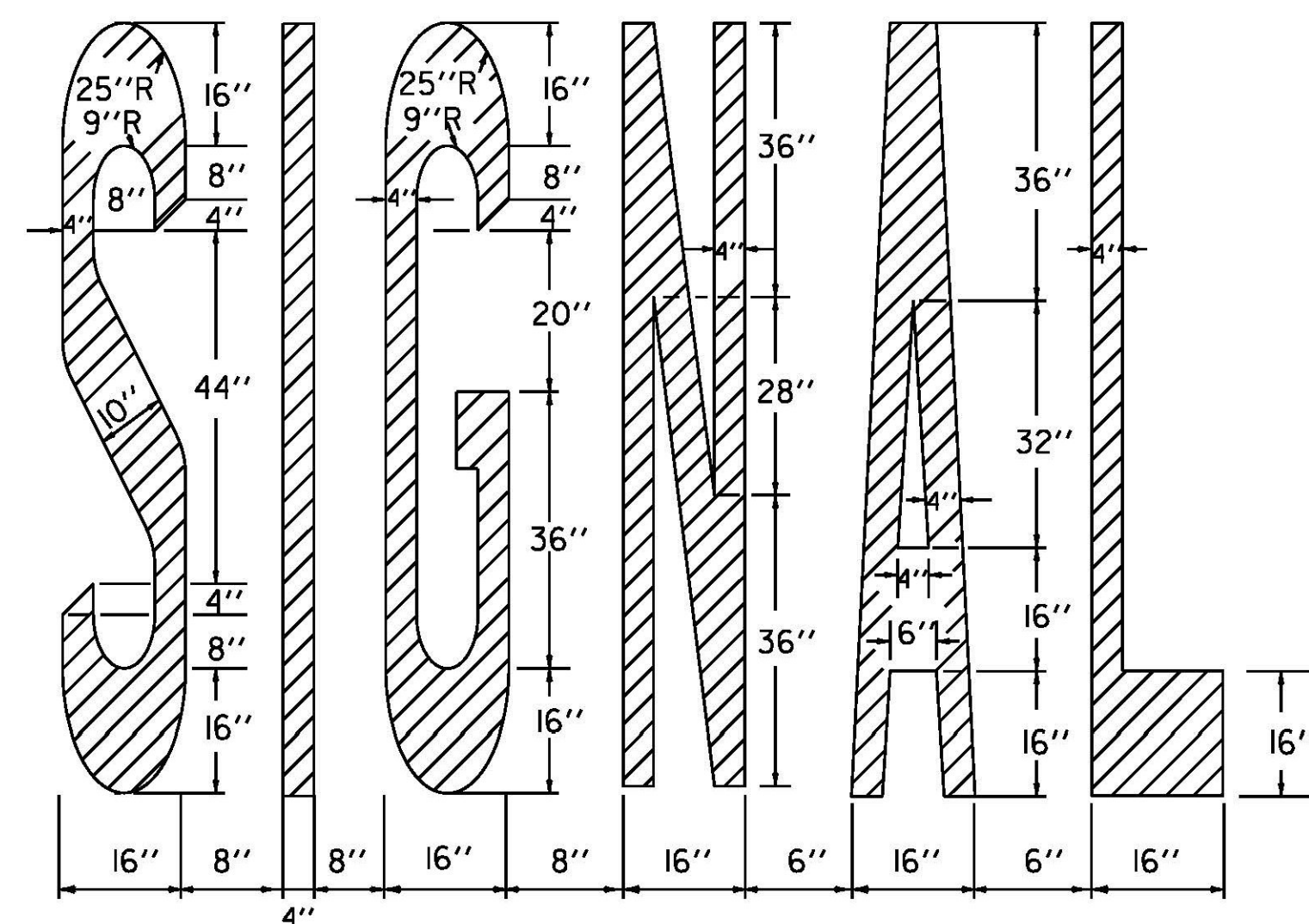
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PROJECT NUMBER:	NH SURF (35)/STP SURF(36)
FILE NAME:12b320/12b322..dgn	PLOT DATE: 10-JUN-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PAVT MGMT
IPARM FILE NAME: 12b322cpqs02.1	SHEET 5 OF 70

STATE OF VERMONT
AGENCY OF TRANSPORTATION

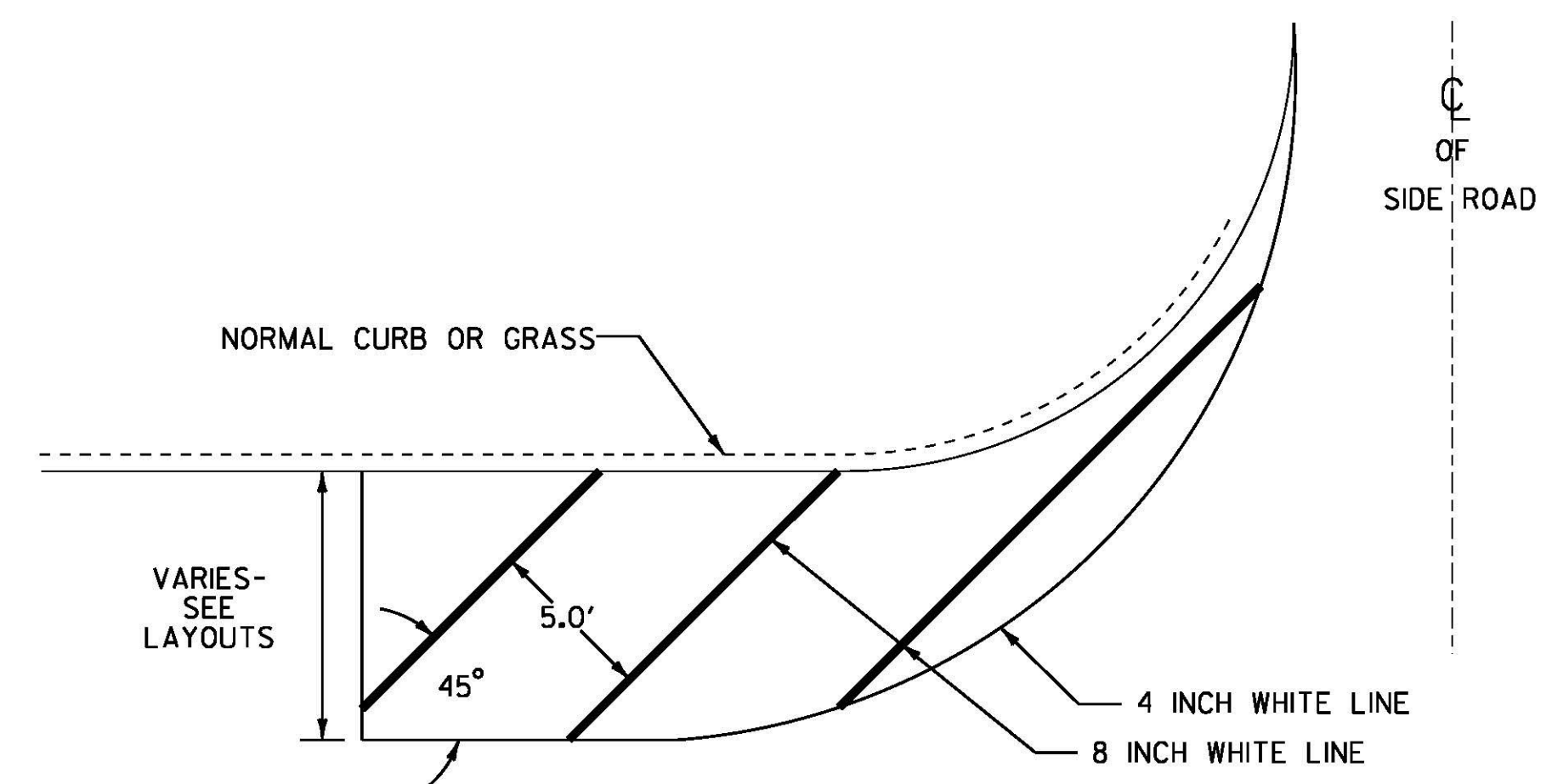
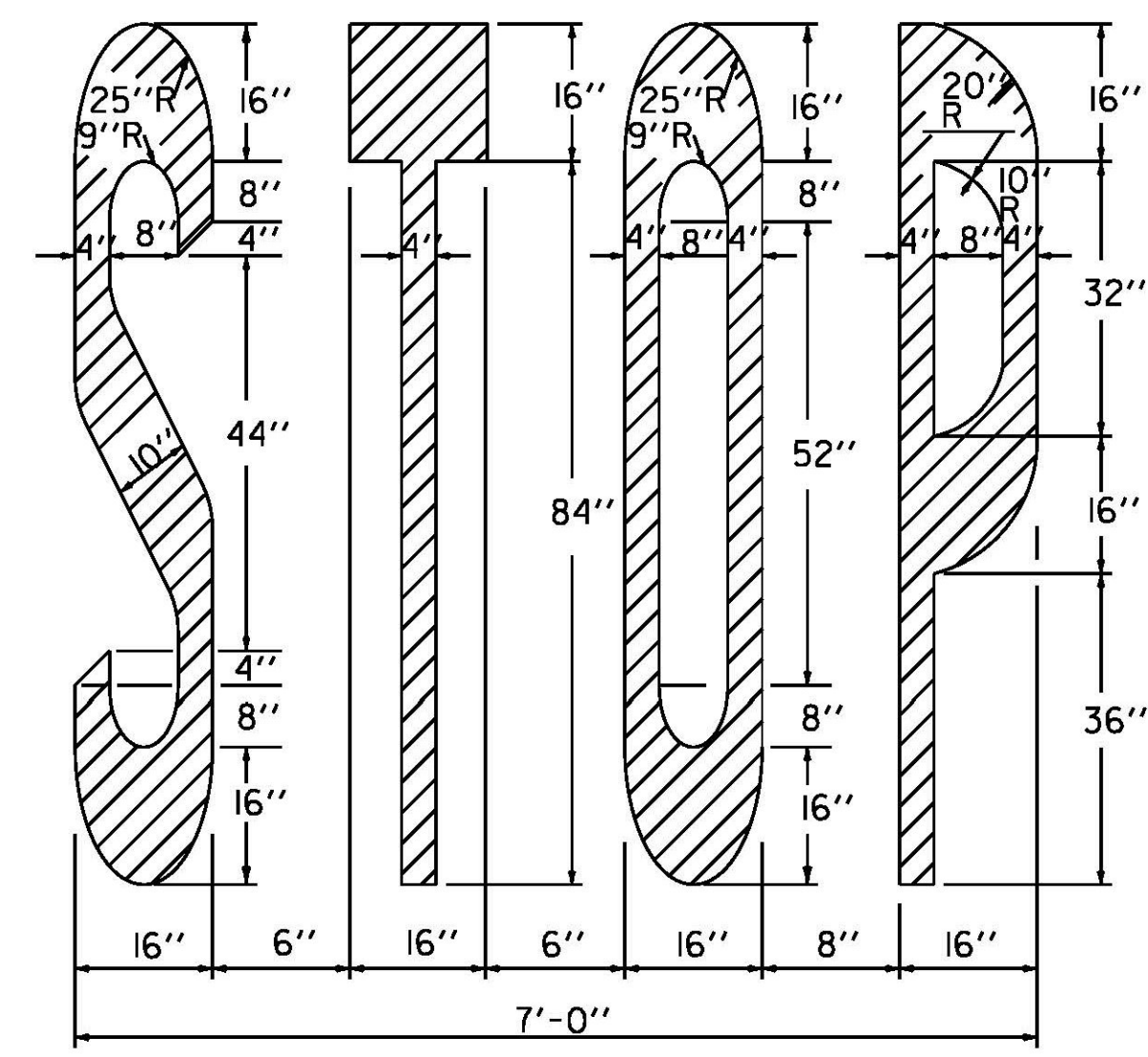
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PROJECT NUMBER: NH SURF (35)/STP SURF(36)	
FILE NAME: I2b320/I2b322..dgn	PLOT DATE: 10-JUN-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PAVT MGMT
IPARM FILE NAME: I2b322cps03.1	SHEET 6 OF 70



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

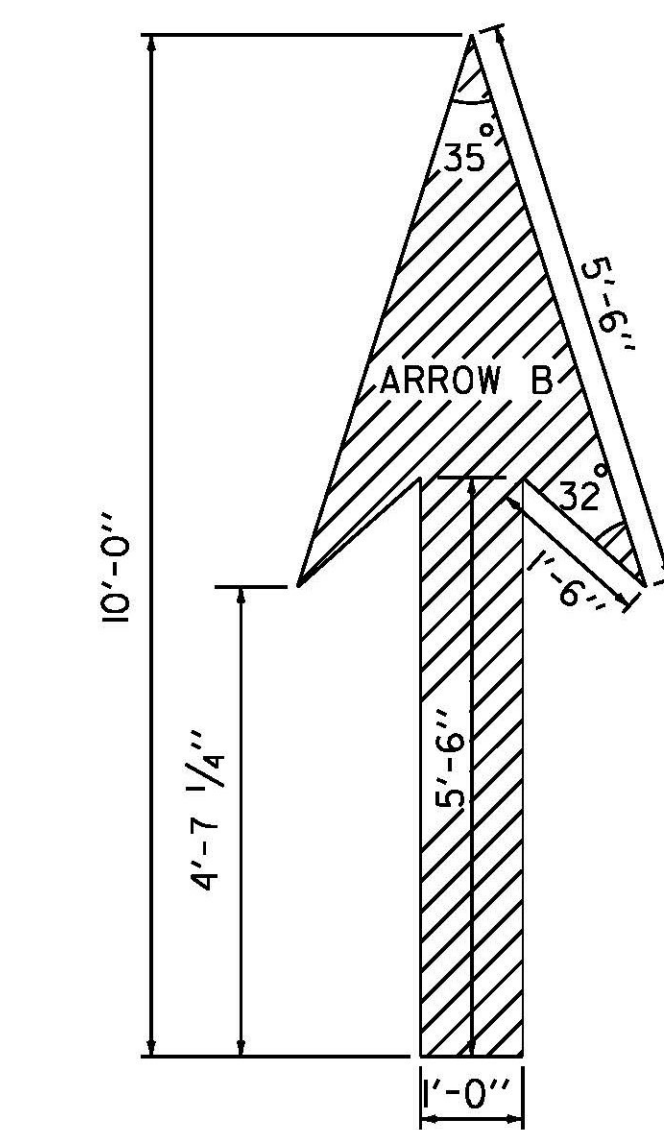
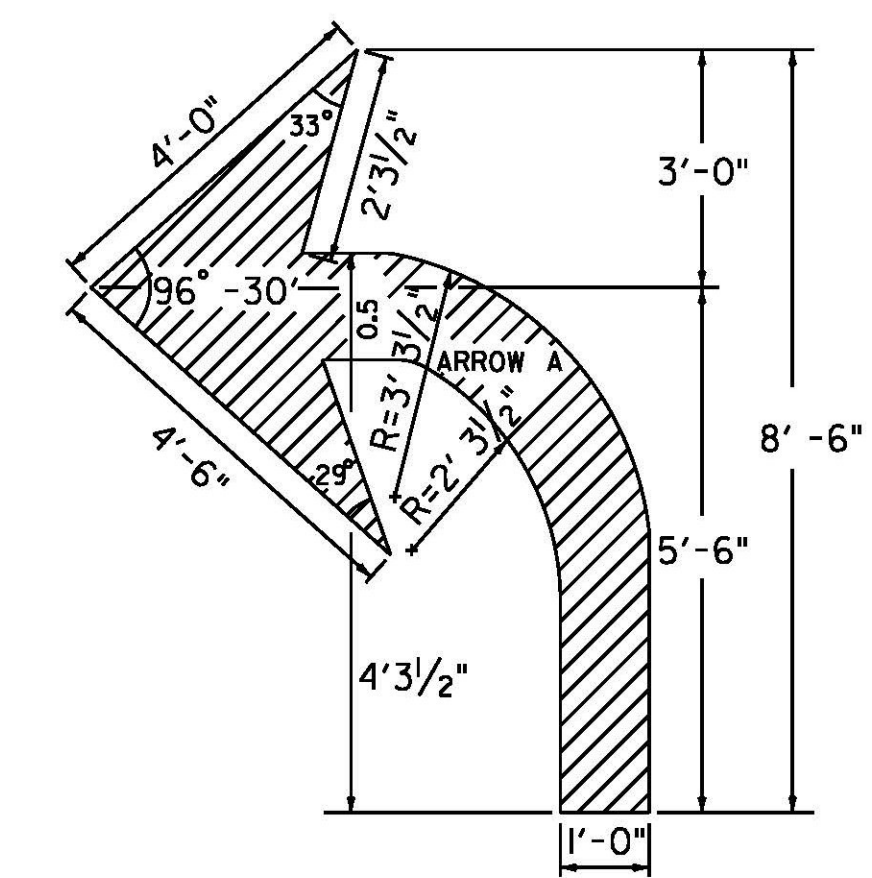


PAVEMENT MARKING DETAILS



PAVEMENT MARKING DETAIL (NO PARKING ZONES)

NOT TO SCALE

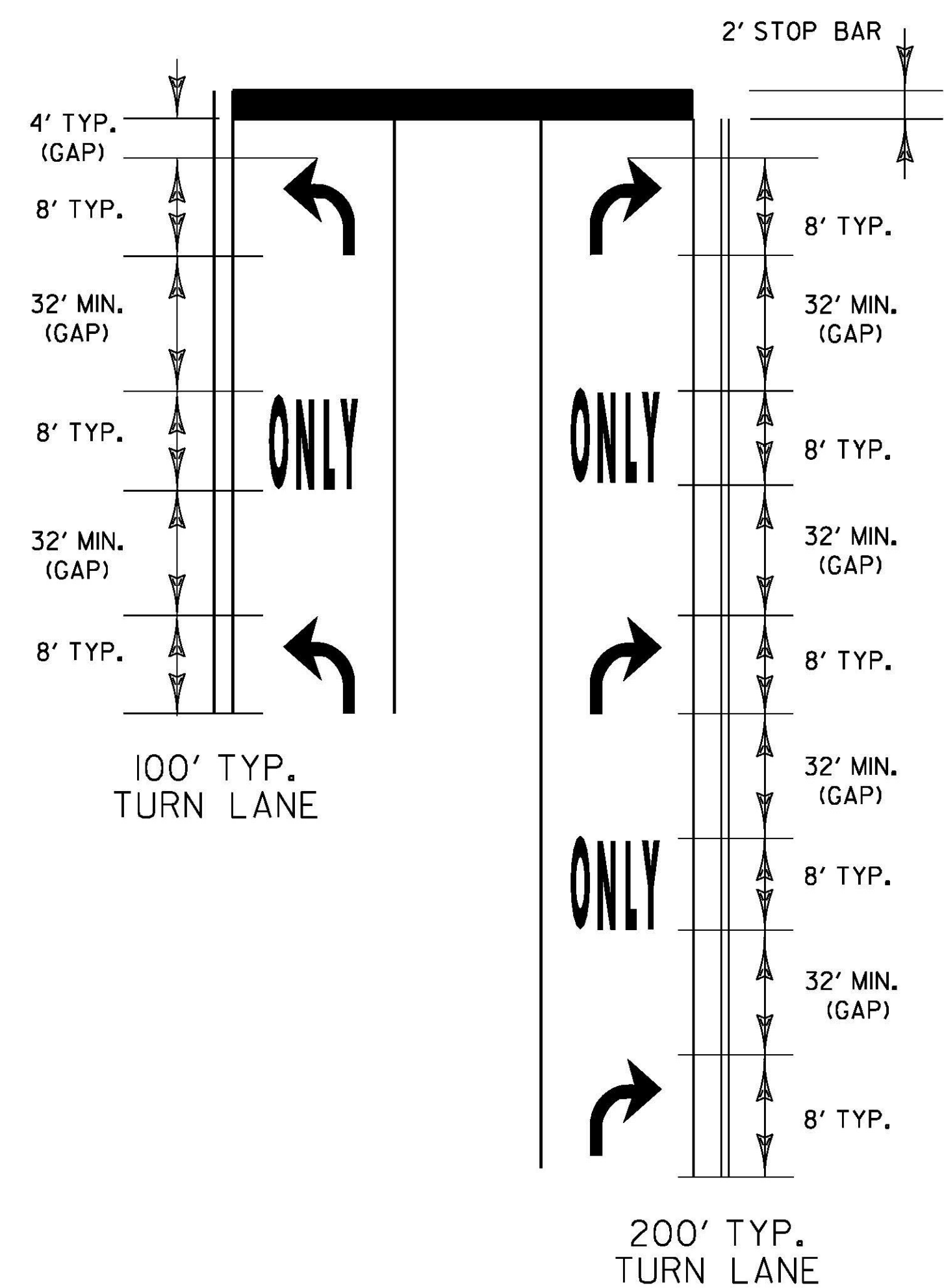


ARROW DETAILS

COMPOSITE PAVEMENT MARKING DETAILS SHEET 1

NOT TO SCALE

PROJECT NAME:	ALBURGH - COLCHESTER
PROJECT NUMBER:	NH SURF(35)/STP SURF(36)
FILE NAME:	i2b322.dgn
PROJECT LEADER:	M. FOWLER
DESIGNED BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
PLOT DATE:	25-APR-2013
DRAWN BY:	PVT. MGT.
SHEET 7	OF 70



TURN ARROWS SHALL BE PLACED AT THE BEGIN AND END OF THE LEFT OR RIGHT TURN LANE.

IF LANE LENGTH IS LESS THAN 100', TURN ARROWS SHOULD BE PLACED AT THE BEGINNING AND END OF THE LEFT OR RIGHT TURN LANE.

THE "ONLY" WORD MARKINGS SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS FOR TURN LANES 100' OR LONGER.

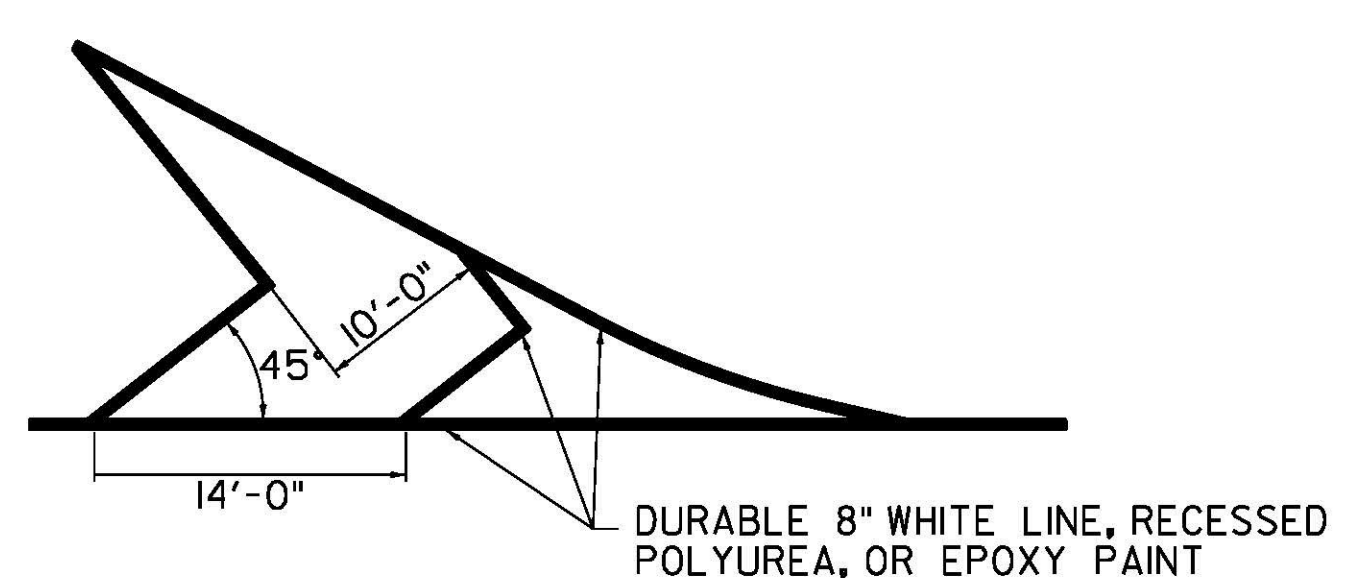
MORE ARROWS AND ONLYS ARE OPTIONAL WHEN SPACE PERMITS. ARROW MARKINGS START AT THE BEGINNING OF THE SOLID LANE LINE.

STOP BARS ARE INSTALLED ONLY WHERE A STOP SIGN OR TRAFFIC SIGNAL IS LOCATED. STOP LETTERS ARE OPTIONAL AT STOP SIGN CONTROLLED APPROACHES. IF INSTALLED THEY SHALL BE 4' FROM THE STOP BAR. STOP LETTERS SHALL NOT BE USED AT SIGNALIZED APPROACHES.

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

EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE. 3' DOTS WITH A 9' SPACE SHOULD BE EXTENDED THE FULL LENGTH OF THE LANE TAPER.

TYPICAL MARKINGS FOR TURN LANES

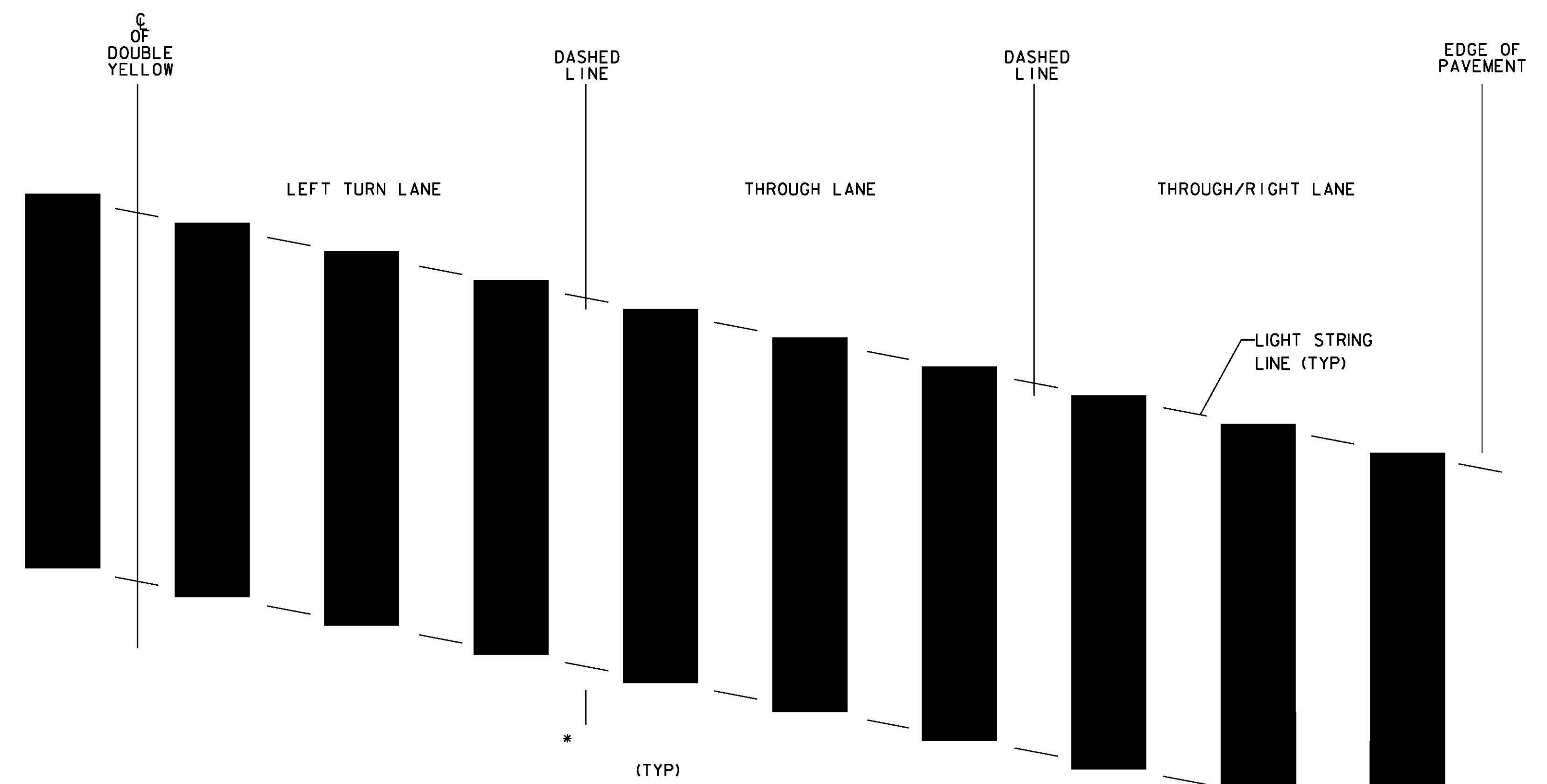


GORE MARKING DETAIL



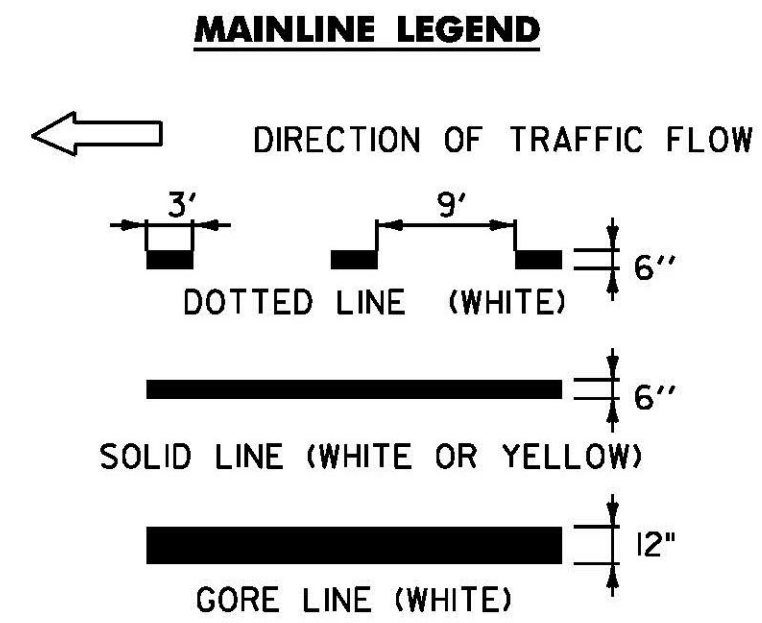
CROSSWALK PATTERN DETAIL

* ADJUST SPACING 12"-24" TO AVOID WHEEL PATHS



SKEWED CROSSWALK PATTERN DETAIL

* MAY VARY WITH 11' OR 12' LANE

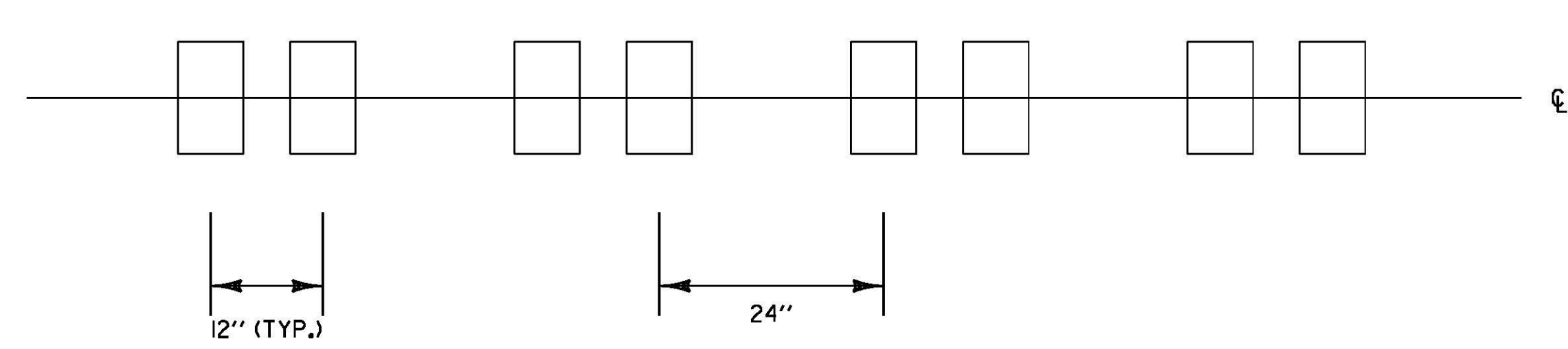


MAINLINE LEGEND

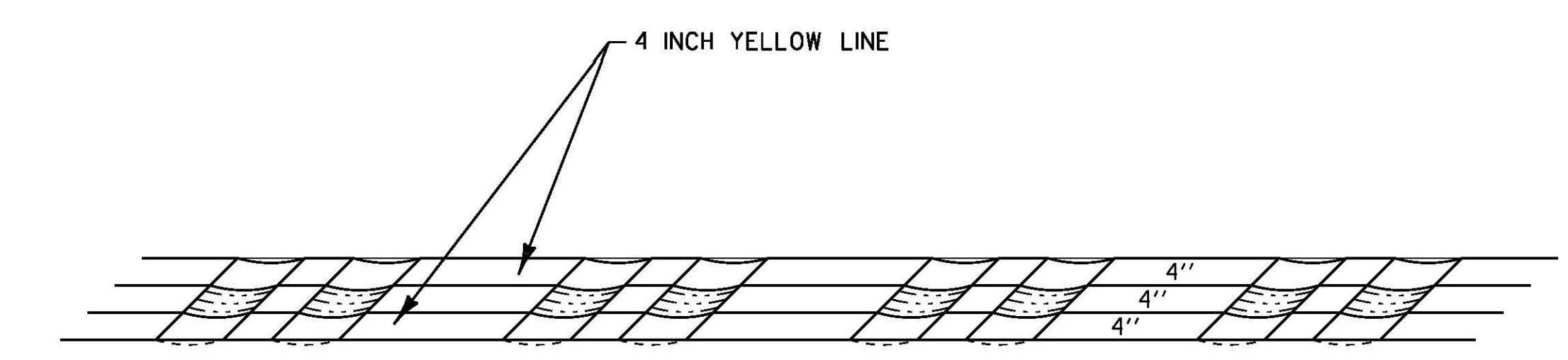
NOT TO SCALE

COMPOSITE PAVEMENT MARKING DETAILS SHEET 2

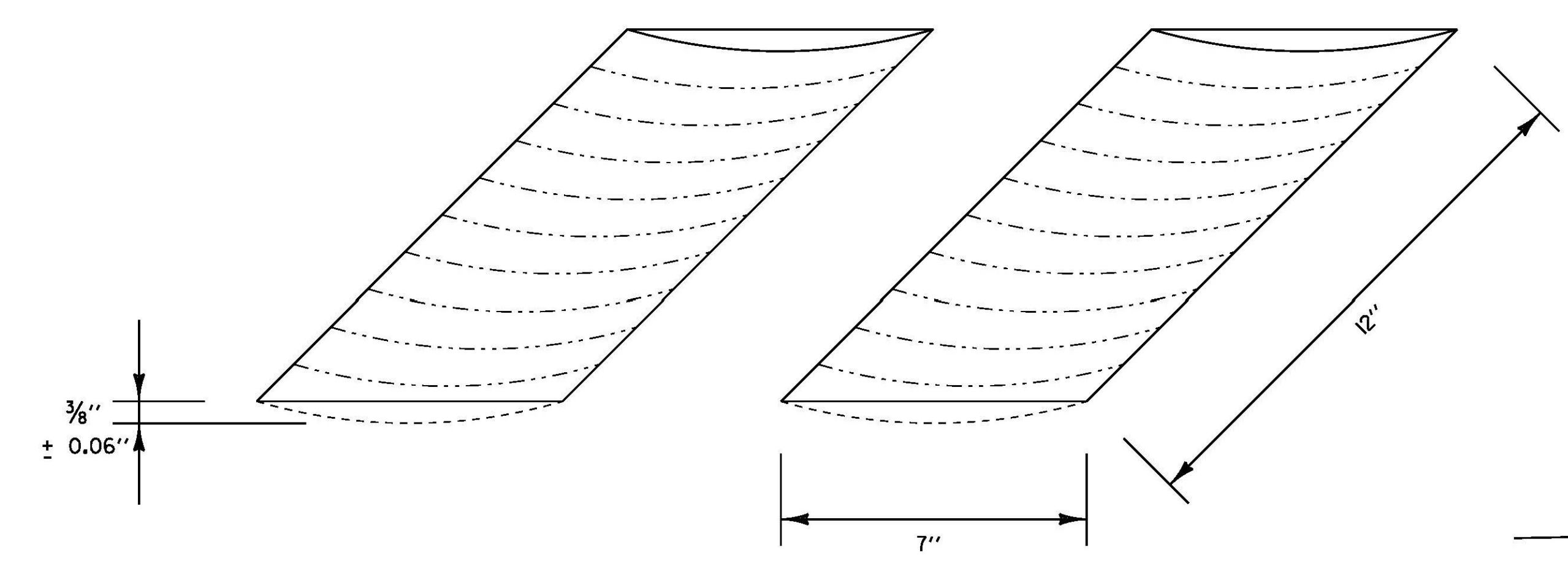
PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	NH SURF(35)/STP SURF(36)
FILE NAME:	p12B320.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PM
PLOT FILE:	p12B320_19.1
PLOT DATE:	4/19/12
DRAWN BY:	PM
CHECKED BY:	PM
SHEET	8 OF 70



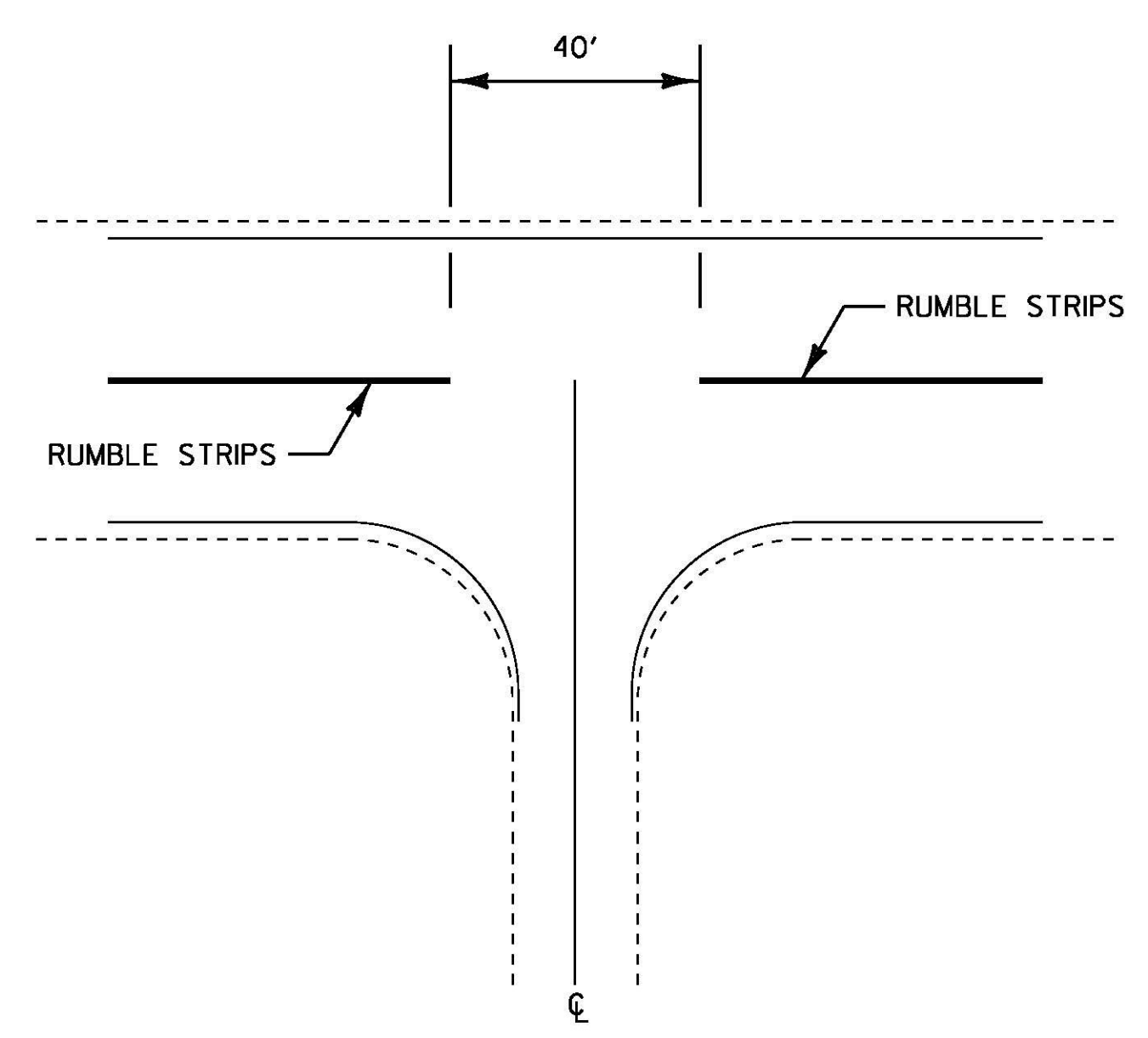
RUMBLE STRIP LAYOUT



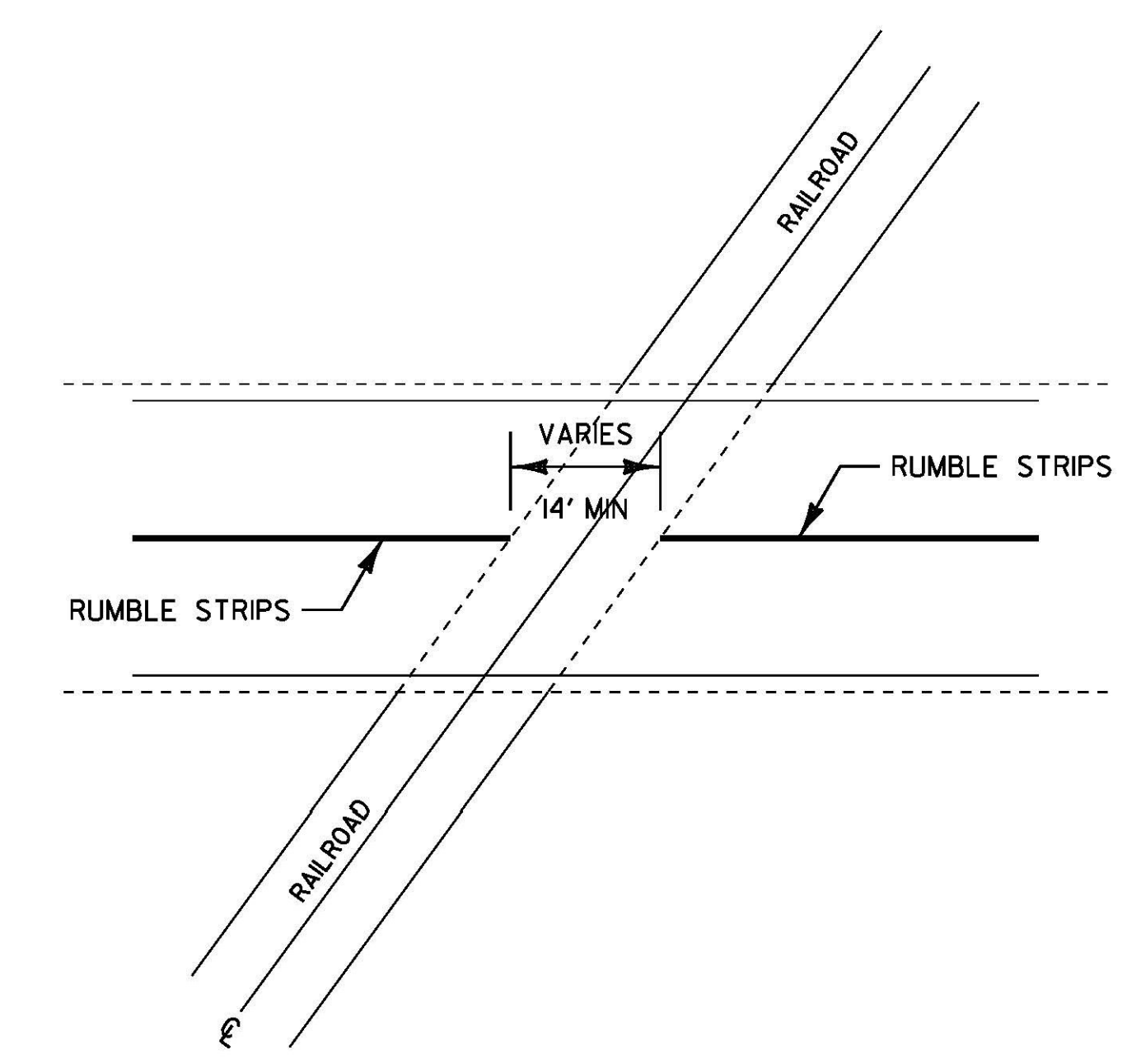
PAVEMENT MARKINGS DETAIL



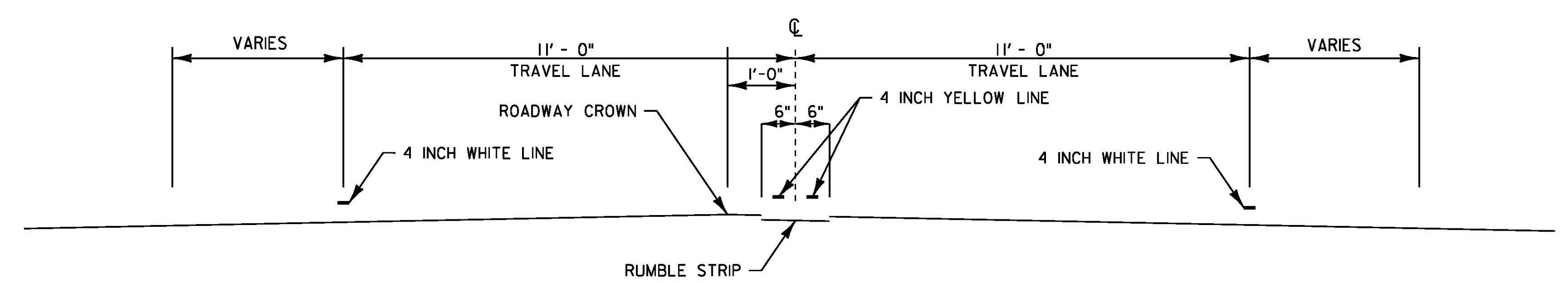
RUMBLE STRIP DETAIL



INTERSECTION DETAIL



RAILROAD CROSSING DETAIL



**RUMBLE STRIP TYPICAL SECTION
ALBURGH MM 0.538 - COLCHESTER MM 2.192**

NOTES

1. CENTERLINE RUMBLE STRIPS NOT TO EXTEND BEYOND CENTERLINE WHEN CENTERLINE IS A DOUBLE YELLOW LINE, WITH OR WITHOUT A PASSING ZONE.
2. CENTERLINE RUMBLE STRIP TO BE PLACED ALONG CENTERLINE OF ROADWAY.
3. CENTERLINE RUMBLE STRIP TO STOP 20 FEET PRIOR TO THE CENTERLINE OF AN INTERSECTION.
4. WIDTH OF GAP AT RAILROAD CROSSINGS WILL VARY WITH SKEW OF CROSSING WITH A MINIMUM 14 FOOT GAP TO BE PROVIDED AT ALL RAILROAD CROSSINGS.

▲ RUMBLE STRIPE ZONES

ALBURGH
MM 0.538 - 3.135
MM 5.300 - 5.970
MM 6.860 - 8.850
MM 8.240 - 8.659
MM 9.480 - 11.145
NORTH HERO
MM 1.045 - 9.315
SOUTH HERO
MM 0.000 - 0.910
MM 1.825 - 2.475
MM 3.305 - 5.770
MILTON
MM 0.000 - 3.685
COLCHESTER
MM 0.000 - 1.930

▲ NOTE: RUMBLE STRIPE LOCATIONS SHOWN MAY BE SUBJECT TO CHANGE.

▲ REVISED 6/7/13

NOT TO SCALE

**COMPOSITE
PAVEMENT
MARKING
DETAILS
SHEET 3**

PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	NH SURF(35)/STP SURF(36)
FILE NAME: i2b322.dgn	PLOT DATE: 10-JUN-2013
PROJECT LEADER: M. FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
i2b322cpmd03.i	SHEET 8A OF 70

LOCATIONS

ALBURGH

MM 0.538 EB	MM 6.680 EB
MM 2.946 EB	MM 6.049 WB
MM 0.727 WB	MM 8.661 EB
MM 3.135 WB	MM 8.850 WB
MM 5.300 EB	MM 9.480 EB
MM 5.970 WB	MM 9.669 WB
MM 5.489 WB	MM 10.956 EB
MM 5.781 EB	MM 11.145 WB

NORTH HERO

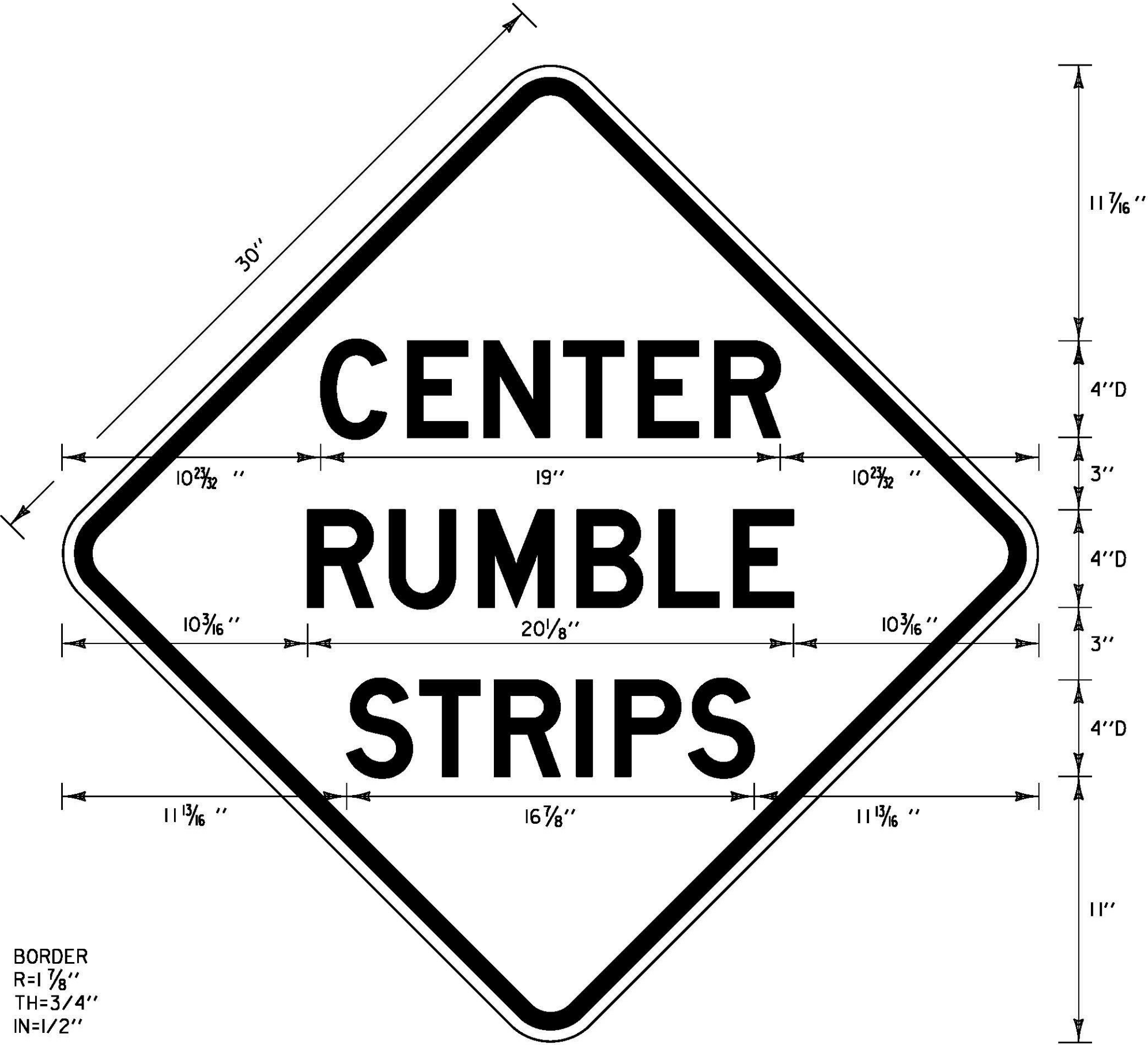
MM 1.045 EB
MM 1.234 WB

SOUTH HERO

MM 0.721 EB
MM 0.910 WB
MM 1.825 EB
MM 2.286 EB
MM 2.475 WB
MM 2.014 WB
MM 3.305 EB
MM 3.494 WB

COLCHESTER

MM 1.741 EB
MM 1.930 WB



BLACK TEXT WITH YELLOW (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-150 FOR MATERIALS

LOCATIONS

ALBURGH

MM 0.538 EB	MM 6.680 EB
MM 3.135 WB	MM 8.850 WB
MM 5.300 EB	MM 9.480 EB
MM 5.970 WB	MM 11.145 WB

NORTH HERO

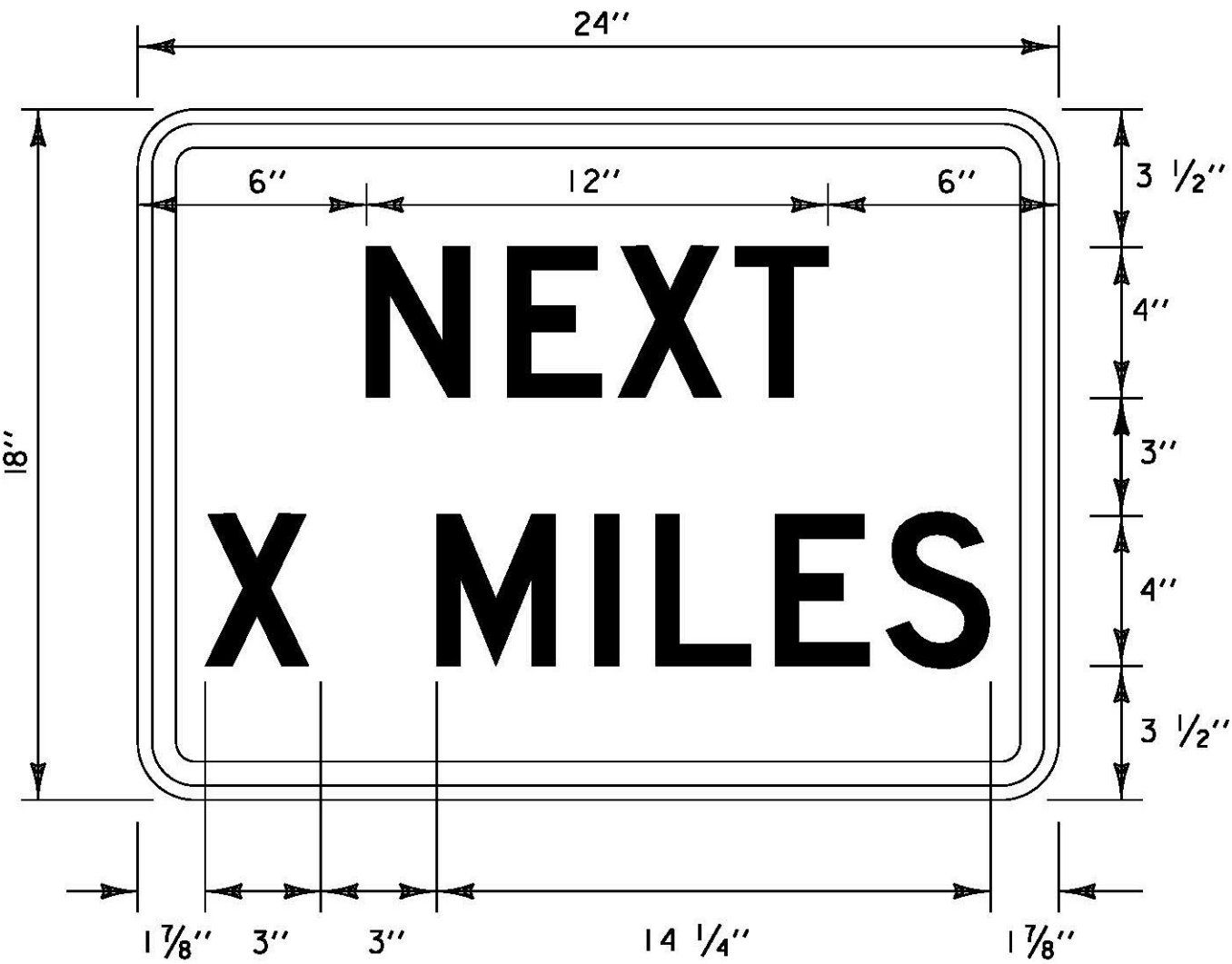
MM 1.045 EB
MM 0.910 WB

SOUTH HERO

MM 1.825 EB
MM 2.475 EB
MM 2.475 WB
MM 3.305 EB

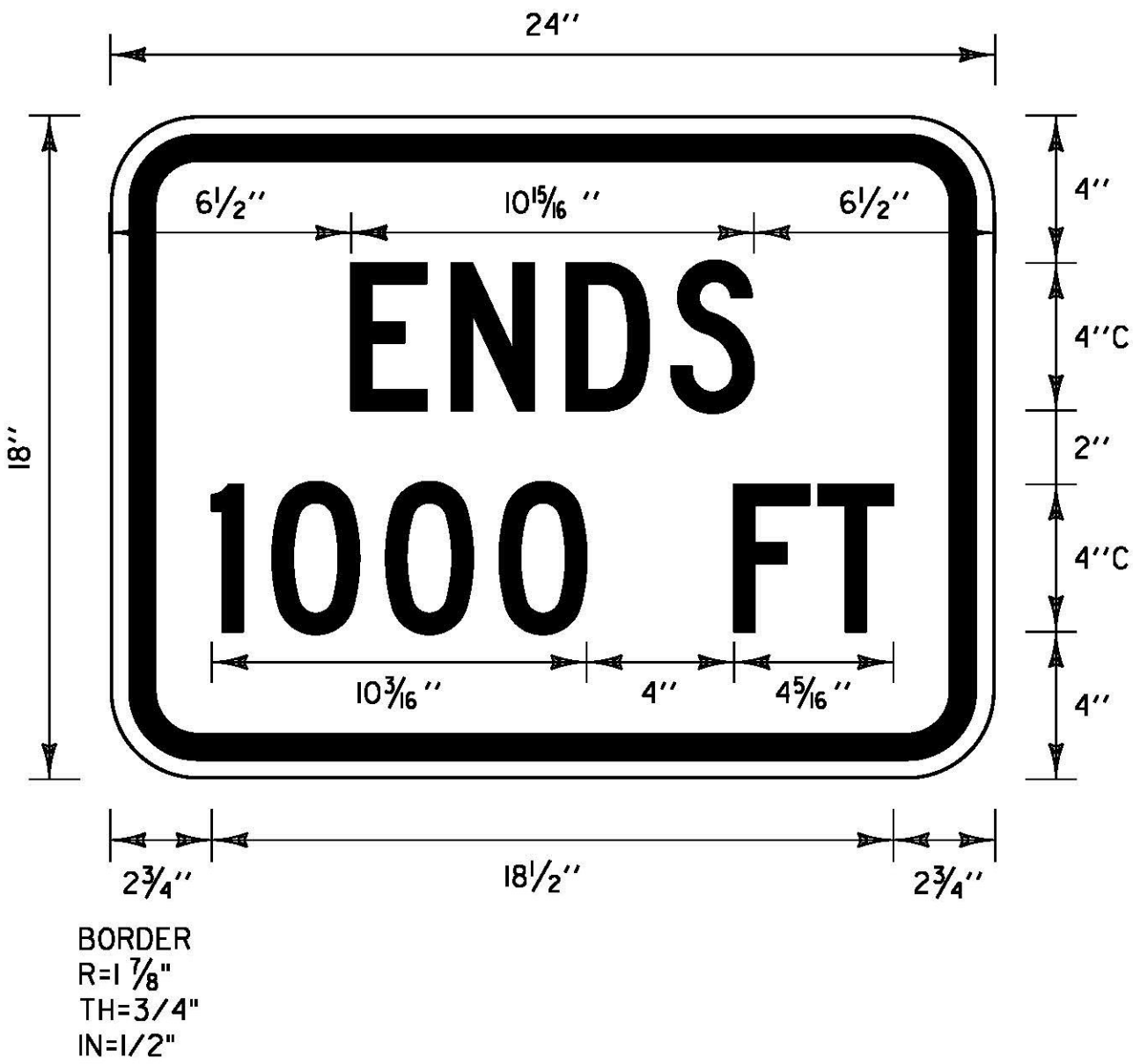
COLCHESTER

MM 1.741 EB
MM 1.930 WB

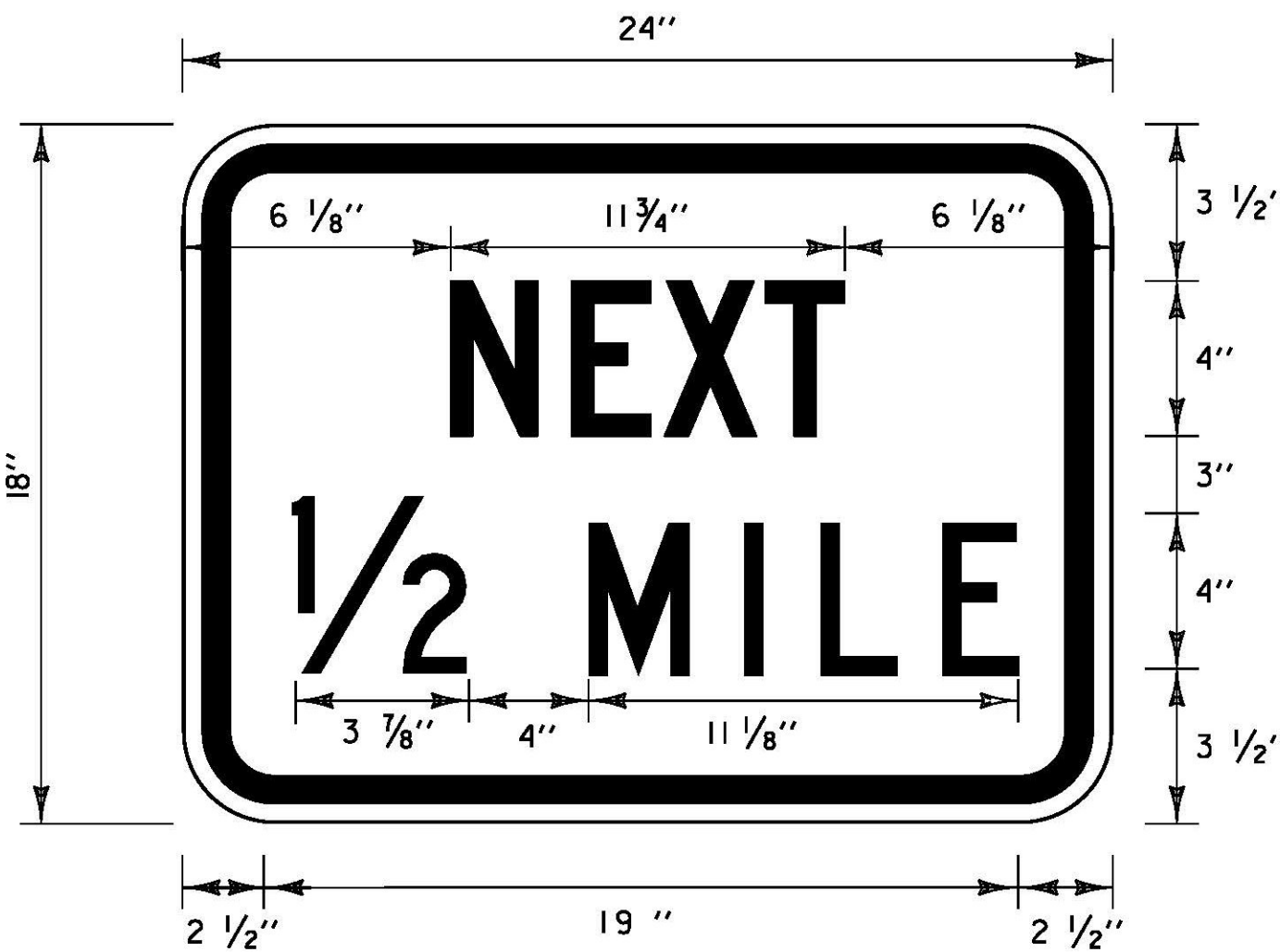


BORDER:
R = 1 1/2"
TH = 5/8"
IN = 3/8"

BLACK TEXT WITH YELLOW (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-150 FOR MATERIALS



BLACK TEXT WITH YELLOW (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-150 FOR MATERIALS



BORDER:
R = 1 1/2"
TH = 5/8"
IN = 3/8"
[NEXT] C SPECIFIED LENGTH
[1/2 MILE] C SPECIFIED LENGTH
BLACK TEXT WITH YELLOW (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-150 FOR MATERIALS

LOCATIONS

ALBURGH

MM 2.946 EB
MM 0.727 WB
MM 5.781 EB
MM 5.489 WB
MM 8.661 EB
MM 6.049 WB
MM 10.956 EB
MM 9.669 WB

NORTH HERO

MM 1.045 EB

SOUTH HERO

MM 0.721 WB
MM 1.825 EB
MM 2.475 WB
MM 3.305 EB

COLCHESTER

MM 1.741 EB
MM 1.930 WB

NOTE: SIGN LOCATIONS SHOWN ON PLANS MAY BE SUBJECT TO CHANGE.

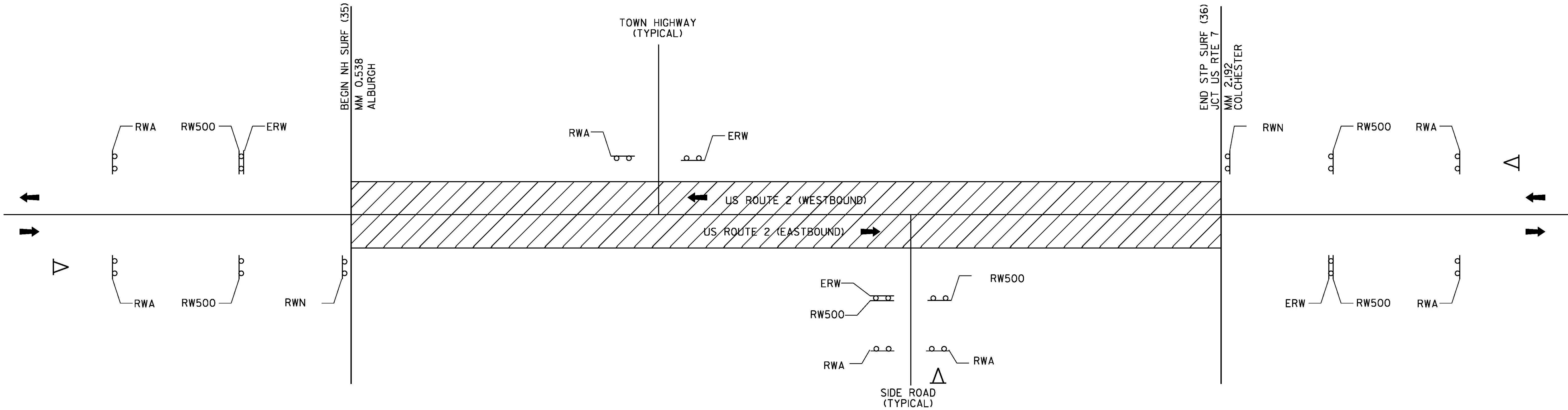
COMPOSITE
PAVEMENT
MARKING
DETAILS
SHEET 4

PROJECT NAME: ALBURGH-COLSHESTER
PROJECT NUMBER: NH SURF(35)/STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: MJF
DESIGNED BY: LBB
I2b322cpmd04.1

PLOT DATE: 10-JUN-2013
DRAWN BY: LBB
CHECKED BY: MJF
SHEET 8B OF 70

CONSTRUCTION APPROACH SIGNING



NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE RESIDENT ENGINEER FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641J0, TRAFFIC CONTROL.

2. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH VAOT STANDARD E-106 AND THE LATEST EDITION OF THE MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641J0, TRAFFIC CONTROL.

3. THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641J0, SHALL INCLUDE ALL APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VTRANS STANDARDS. ALL ADJUSTING, RELOCATING, AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED.

4. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE PROVIDED FOR USE ALONG THIS PROJECT. THE PLACEMENT OF THESE UNITS AS WELL AS THE MESSAGE WILL BE APPROVED BY THE RESIDENT ENGINEER. THESE SIGNS WILL BE PAID FOR UNDER ITEM 641J5, PORTABLE CHANGEABLE MESSAGE SIGN.

FOR THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL POSITION A PCMS PRIOR TO THE BEGIN AND END PROJECT LIMITS WARNING MOTORISTS OF EXPECTED ROADWAY CONDITIONS AND REDUCED ROADWAY WIDTHS.

PCMS SHOULD NOT REPLACE ANY OF THE SIGNING DETAILED IN THE MUTCD AND SHOULD NOT BE USED IF STANDARD TRAFFIC CONTROL DEVICES ADEQUATELY PROVIDE THE INFORMATION THE MOTORISTS NEED TO TRAVEL SAFELY.

THE PCMS SHALL CONSIST OF EITHER ONE OR TWO PHASES. TYPICALLY, A PHASE SHALL CONSIST OF UP TO THREE LINES OF EIGHT CHARACTERS PER LINE. THE PCMS SHOULD BE USED AS A SUPPLEMENT AND NOT AS A SUBSTITUTE FOR CONVENTIONAL SIGNS AND PAVEMENT MARKINGS.

THE PCMS SHOULD COMMUNICATE WHAT INFORMATION MOTORISTS NEED TO KNOW. UNNECESSARY INFORMATION SHOULD BE AVOIDED. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS.

5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.

6. REFER TO VT. STATE STANDARDS AND THE LATEST EDITION OF THE MUTCD FOR TEMPORARY TRAFFIC CONTROL SIGN COLORS.

7. EXISTING SPEED LIMIT SIGNS SHALL BE COVERED WHEN REDUCED SPEED SIGNS ARE POSTED. KEEP RECORDS WHEN POSTING THE WORK ZONE SPEED LIMIT FOR LEGAL PURPOSES; DOCUMENTING DATES, TIMES, AND LOCATIONS OF SIGNS. WHEN WORK ZONE SPEED LIMIT IS NOT IN USE ALL ASSOCIATED SIGNS SHALL BE COVERED, TURNED AND/OR LAID FLAT SO AS THE MOTORING PUBLIC CANNOT READ THESE SIGNS.

8. PORTABLE OR STATIONARY WORK ZONE SPEED LIMIT SIGNS SHOULD BE SPACED EVERY 1.5 TO 2 MILES WHERE APPLICABLE AND AFTER INTERSECTIONS AS A REMINDER TO THE MOTORIST TRAVELING THROUGH THE WORK ZONE WHAT SPEED THEY SHOULD BE TRAVELING.

9. WHEN REDUCED REGULATORY SPEED LIMIT SIGNS ARE USED, THE RESUMPTION OF THE USUAL SPEED LIMIT SHALL BE INDICATED BY AN APPROPRIATE SPEED LIMIT SIGN AT THE END OF THE WORK ZONE.

10. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.

11. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.

12. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICT WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.

13. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.

14. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.

15. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND A TPAR HAVE BEEN PROVIDED.

16. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT FOR DEVELOPING, IMPLEMENTING, AND MAINTAINING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641J0.

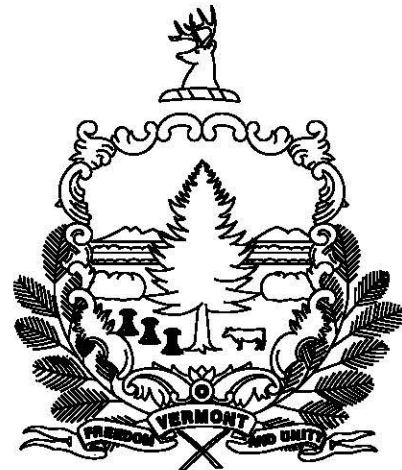
LEGEND

- RWA = ROAD WORK AHEAD
RW500 = ROAD WORK IN 500 FEET
RWN = ROAD WORK NEXT (XX MILES)
ERW = END ROAD WORK
△ = PORTABLE CHANGEABLE MESSAGE SIGN
▨ = WORK AREA
← = DIRECTION OF TRAFFIC FLOW

NOT TO SCALE

COMPOSITE TEMPORARY TRAFFIC CONTROL SHEET	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: NH SURF(35)/STP SURF (36)	
	FILE NAME: 12b322.dgn PROJECT LEADER: FOWLER DESIGNED BY: PVT. MGT. IPARM FILE NAME: 12b322cas.1	PLOT DATE: 25-APR-2013 DRAWN BY: PVT. MGT. CHECKED BY: PVT. MGT. SHEET 9 OF 70

STATE OF VERMONT
AGENCY OF TRANSPORTATION

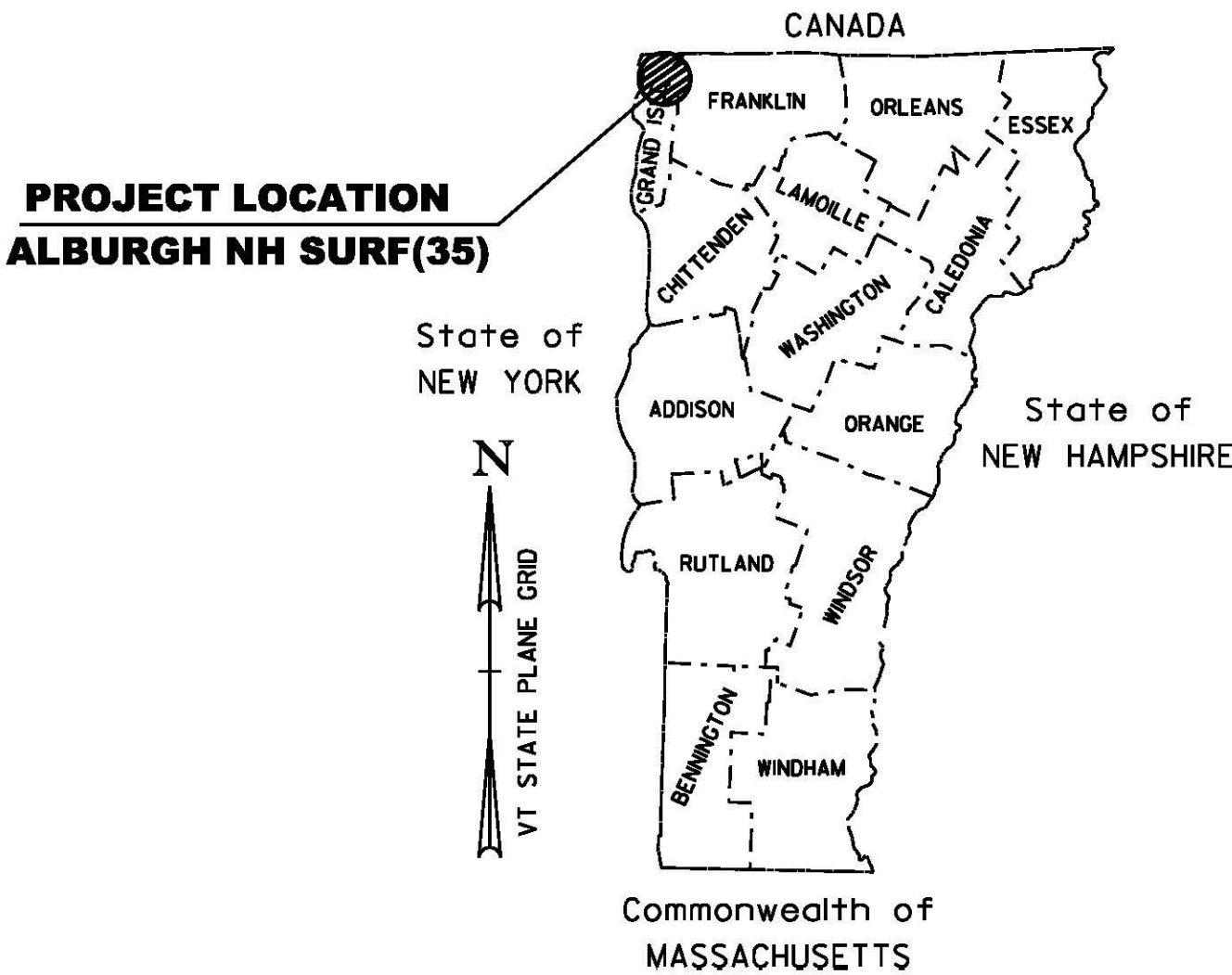


PROPOSED IMPROVEMENT
TOWN OF ALBURGH
COUNTY OF GRAND ISLE
U.S.ROUTE 2
PRINCIPAL ARTERIAL (NHS)

BEGINNING IN THE TOWN OF ALBURGH ON U.S.ROUTE 2 AT MM 0.538 AND EXTENDING EASTERLY
ALONG U.S.ROUTE 2 FOR A DISTANCE OF APPROXIMATELY 5.725 MILES TO MM 6.263 (INTERSECTION OF VT.ROUTE 78).

PROJECT DATA	LENGTH (FT)	LENGTH (MILES)
LENGTH OF ROADWAY	= 30,228	5.725
LENGTH OF PROJECT	= 30,228	5.725

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES SURFACE PREPARATION INVOLVING
PATCHING, POT HOLE REPAIR, AND CRACK SEALING; SPOT LEVELING; COLD PLANING; OVERLAYING WITH
A THIN BITUMINOUS CONCRETE PAVEMENT WEARING COURSE, TRAFFIC MARKINGS AND OTHER HIGHWAY RELATED ITEMS.



**MM 0.538
BEGIN PROJECT
NH SURF(35)**

**MM 6.263
END PROJECT
NH SURF(35)**

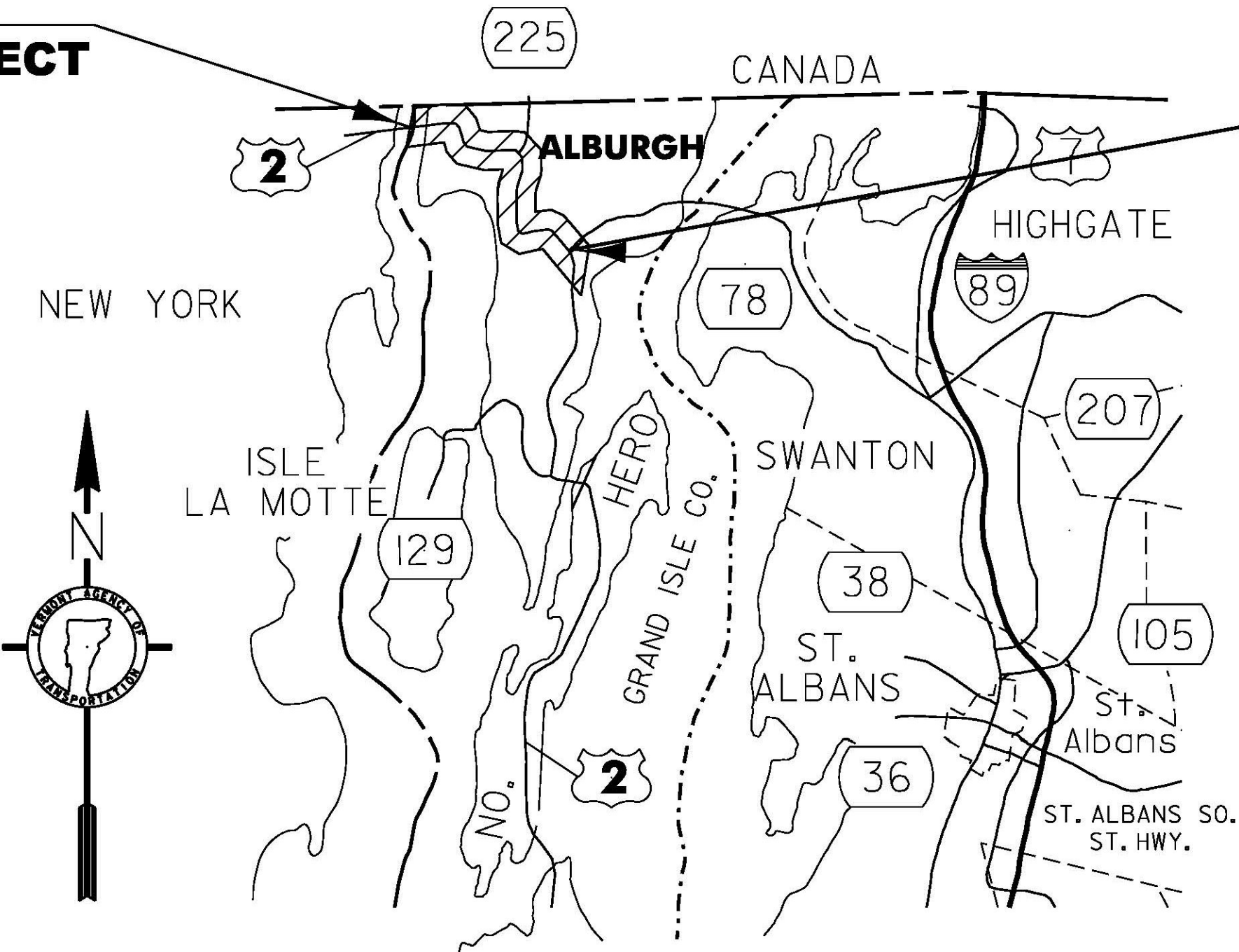
QUALITY ASSURANCE PROGRAM: **LEVEL I**

CONVENTIONAL SYMBOLS

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

SURVEYED BY : N/A
SURVEYED DATE : N/A

DATUM
VERTICAL N/A
HORIZONTAL N/A



TRAFFIC DATA

U.S. ROUTE 2

	ADT		DHV		ESALS	
	2013	2023	2013	2023	2013~2023	2013~2033
BEGIN PROJECT TO BAY ROAD	4600	4800	610	630	2,468,000	5,345,000
BAY ROAD TO VT 225	4300	4400	580	590	3,440,000	7,292,000
VT 225 TO WEST SHORE ROAD	5000	5200	650	680	3,185,000	7,228,000
WEST SHORE ROAD TO END PROJECT	5100	5300	670	690	3,045,000	6,628,000

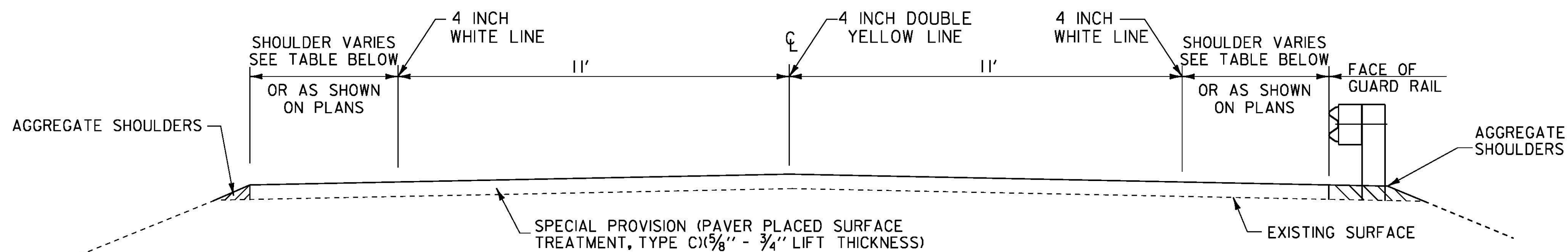
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE DIRECTOR OF PROGRAM
DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

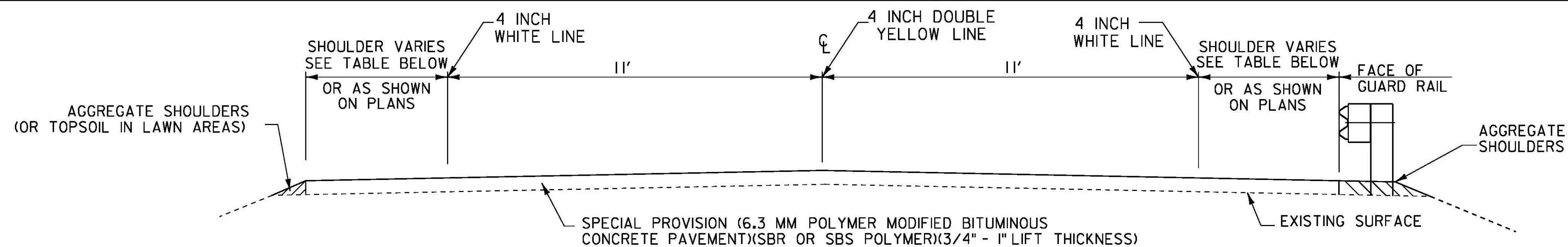
PROJECT MANAGER : M. FOWLER

PROJECT NAME : ALBURGH
PROJECT NUMBER : NH SURF(35)

SHEET 10 OF 70 SHEETS



TYPICAL SECTION - ALTERNATE A
US ROUTE 2
ALBURGH MM 0.538 - MM 3.800
ALBURGH MM 4.711 - MM 6.263



TYPICAL SECTION - ALTERNATE B
US ROUTE 2
ALBURGH MM 0.538 - MM 3.800
ALBURGH MM 4.711 - MM 6.263

PROJECT PAVING LIMITS

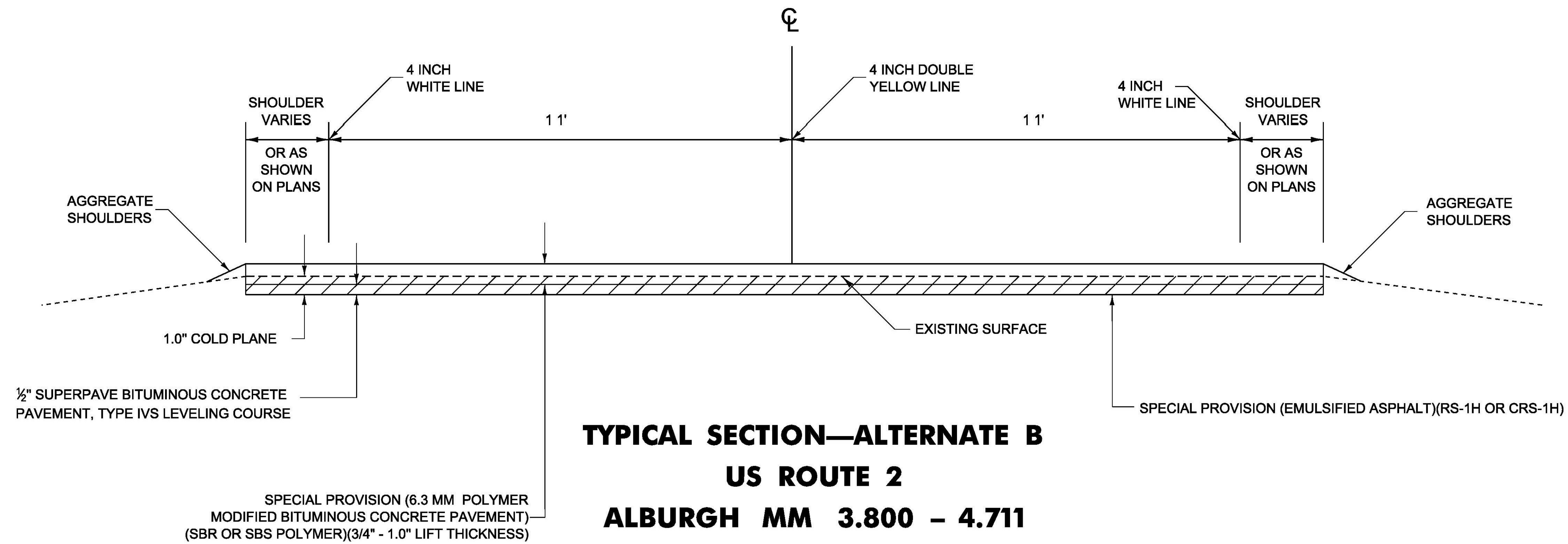
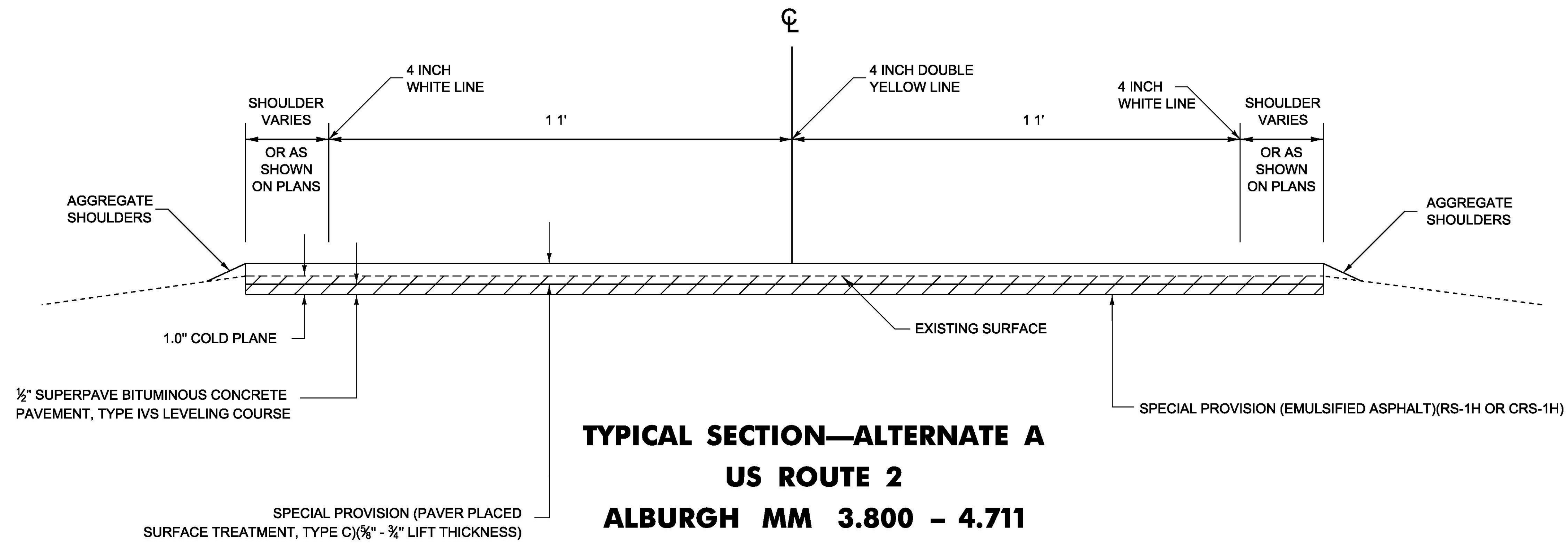
TOWN & ROUTE	BEGIN MM	END MM	LANE TYPICAL
ALBURGH, U.S. ROUTE 2	0.538	0.959	9-II-II-9
ALBURGH, U.S. ROUTE 2	0.959	1.042	TAPER
ALBURGH, U.S. ROUTE 2	1.042	2.822	4-II-II-4
ALBURGH, U.S. ROUTE 2	2.822	2.864	TAPER
ALBURGH, U.S. ROUTE 2	2.864	3.092	10-II-II-10
ALBURGH, U.S. ROUTE 2	3.092	3.281	SEE INTERSECTION DETAIL 1 & 2
ALBURGH, U.S. ROUTE 2	3.281	3.409	10-II-II-10
ALBURGH, U.S. ROUTE 2	3.409	3.450	TAPER
ALBURGH, U.S. ROUTE 2	3.450	3.800	4'-II'-II'-4'
ALBURGH, U.S. ROUTE 2	3.800	4.283	VARIES-II-II-VARIES
ALBURGH, U.S. ROUTE 2	4.283	4.711	SEE LAYOUT SHEETS
ALBURGH, U.S. ROUTE 2	4.711	4.743	TAPER
ALBURGH, U.S. ROUTE 2	4.743	4.889	9'-II'-II'-9'
ALBURGH, U.S. ROUTE 2	4.889	4.926	TAPER
ALBURGH, U.S. ROUTE 2	4.926	6.263	4'-II'-II'-4'

NOT TO SCALE

**TYPICAL
SECTION
SHEET 1**

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF (35)

FILE NAME: I2b320.dgn PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER DRAWN BY: PM
DESIGNED BY: PM CHECKED BY: PM
IPARM FILE NAME: I2b320_3.1 SHEET II OF 70



NOT TO SCALE

**TYPICAL
SECTION
SHEET 2**

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: I2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
I2b320-4.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET I2 OF 70

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES												TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
						ROADWAY	NO FEDERAL/STA TE	FULL C.E. ITEMS	ALTERNATE A	ALTERNATE B	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS	
						5550					5550		LF	SHOULDER BERM REMOVAL	203.40	EST.				
						1					1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.				
						21000					21000		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	383				
						33500					33500		LF	MILLED RUMBLE STRIPS 	213.10	93				
						2500					2500		TON	AGGREGATE SHOULDERS	402.12	272				
						1					1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-				
						9000					9000		LB	BITUMINOUS CRACK SEALING, "BLOW AND GO" METHOD (AASHTO M 234 (ASTM D 6690) TYPE II)	417.20	EST.				
						2750					2750		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	257				
						1					1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-				
						5					5		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-				
							9				9		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-				
						25					25		HR	POWER GRADER RENTAL	608.15	EST.				
						150					150		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.				
						100					100		HR	POWER BROOM RENTAL, TYPE II	608.31	-				
						100					100		HR	TRUCK RENTAL	608.37	-				
							8				8		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-				
						1900					1900		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.				
						2400					2400		HR	FLAGGERS	630.15	EST.				
								0.5			0.5		LS	FIELD OFFICE, ENGINEERS	631.10	-				
								0.5			0.5		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-				
								1500			1500		DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-				
						0.5					0.5		LS	MOBILIZATION/DEMOBILIZATION	635.11	-				
						1					1		LS	TRAFFIC CONTROL (NH SURF (35))	641.10	-				
						4					4		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-				
						61000					61000		LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	350				
						61000					61000		LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	850				
						60					60		LF	DURABLE 8 INCH WHITE LINE, POLYUREA	646.444	5				
						250					250		LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	33				
						68					68		EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	-				
						120					120		LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	8				
						61000					61000		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	350				
						61000					61000		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	850				
						60					60		LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	5				
						250					250		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	33				
						68					68		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-				
						120					120		LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	8				
						1600					1600		EACH	LINE STRIPING TARGETS	646.76	EST.				
						61000					61000		SF	REMOVAL OF EXISTING PAVEMENT MARKINGS	646.85	350				
						100					100		LB	SEED	651.15	EST.				
						500					500		LB	FERTILIZER	651.18	EST.				

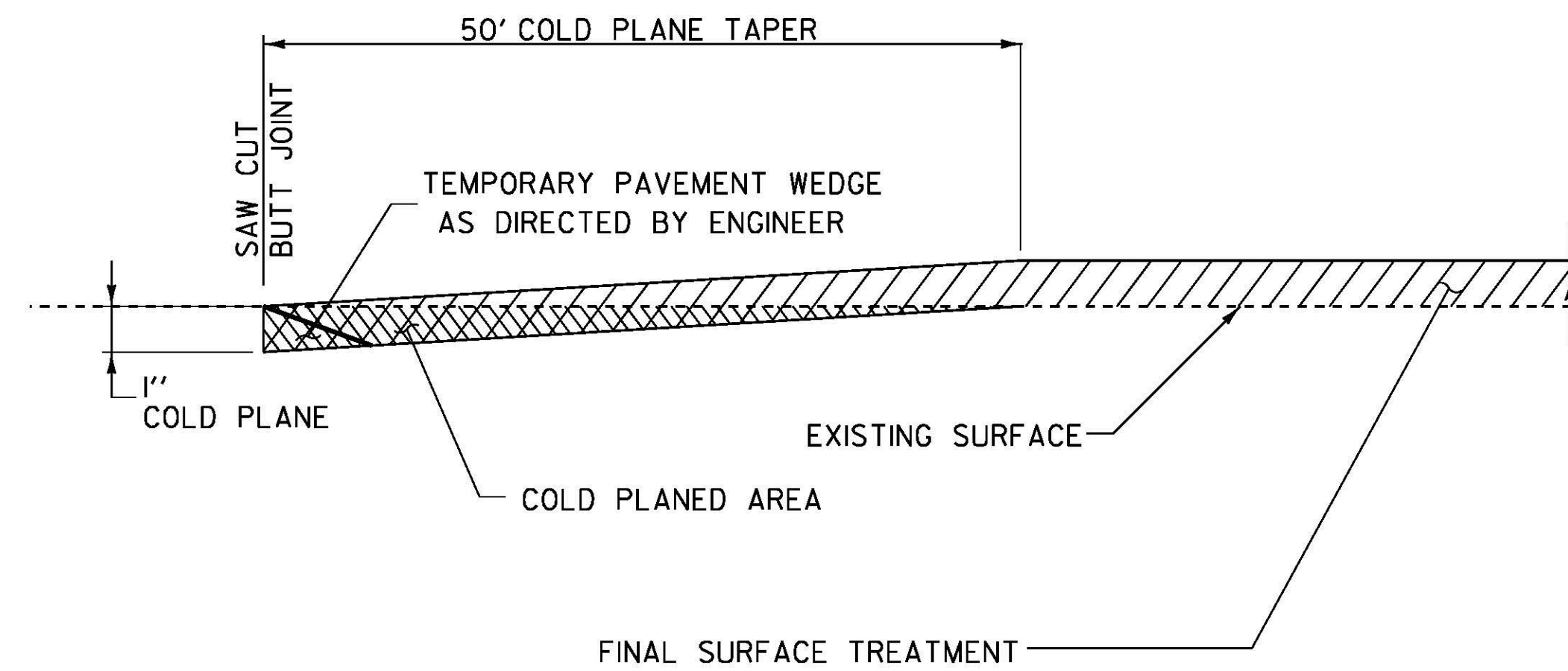
 REVISED 6/7/13

PROJECT NAME: ALBURGH	
PROJECT NUMBER: NH SURF(35)	
FILE NAME: I2B320.DGN	PLOT DATE: 10-JUN-2013
PROJECT LEADER: FOWLER	DRAWN BY: PM
DESIGNED BY: PM	CHECKED BY: PM
I2b320 2.1	SHEET 13 OF 70

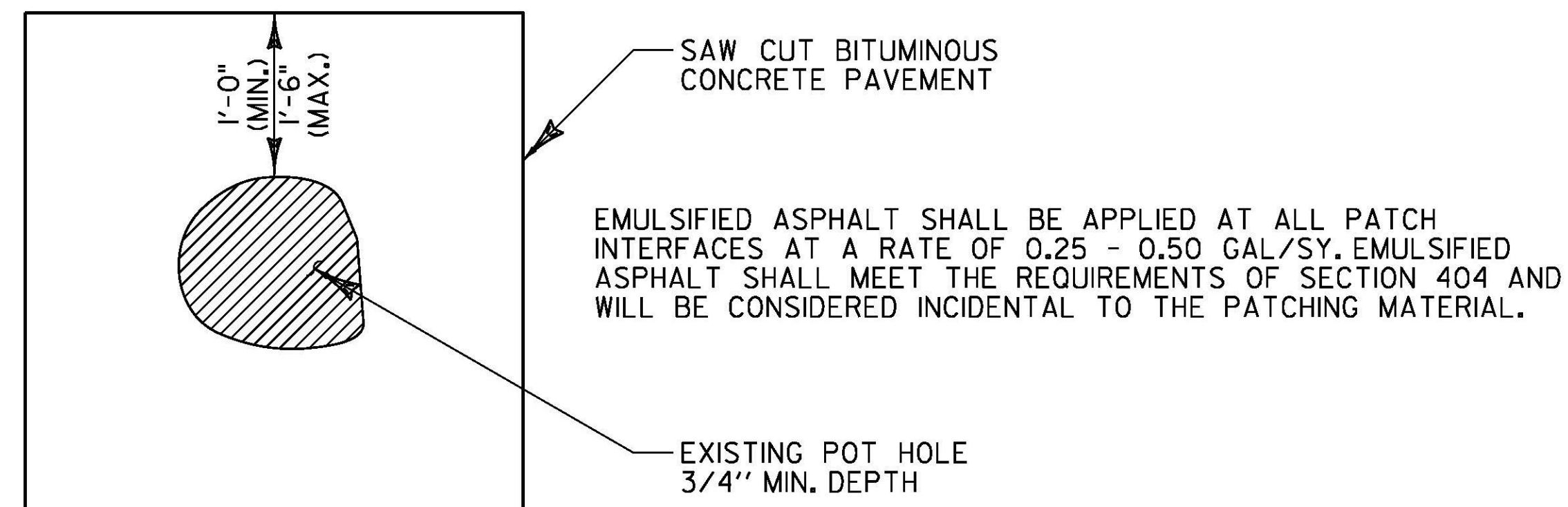
QUANTITY SHEET 2

PROJECT NAME: ALBURGH	
PROJECT NUMBER: NH SURF(35)	
FILE NAME: I2B320.DGN	PLOT DATE: 10-JUN-2013
PROJECT LEADER: FOWLER	DRAWN BY: PM
DESIGNED BY: PM	CHECKED BY: PM
I2b320 2.1	SHEET 14 OF 70

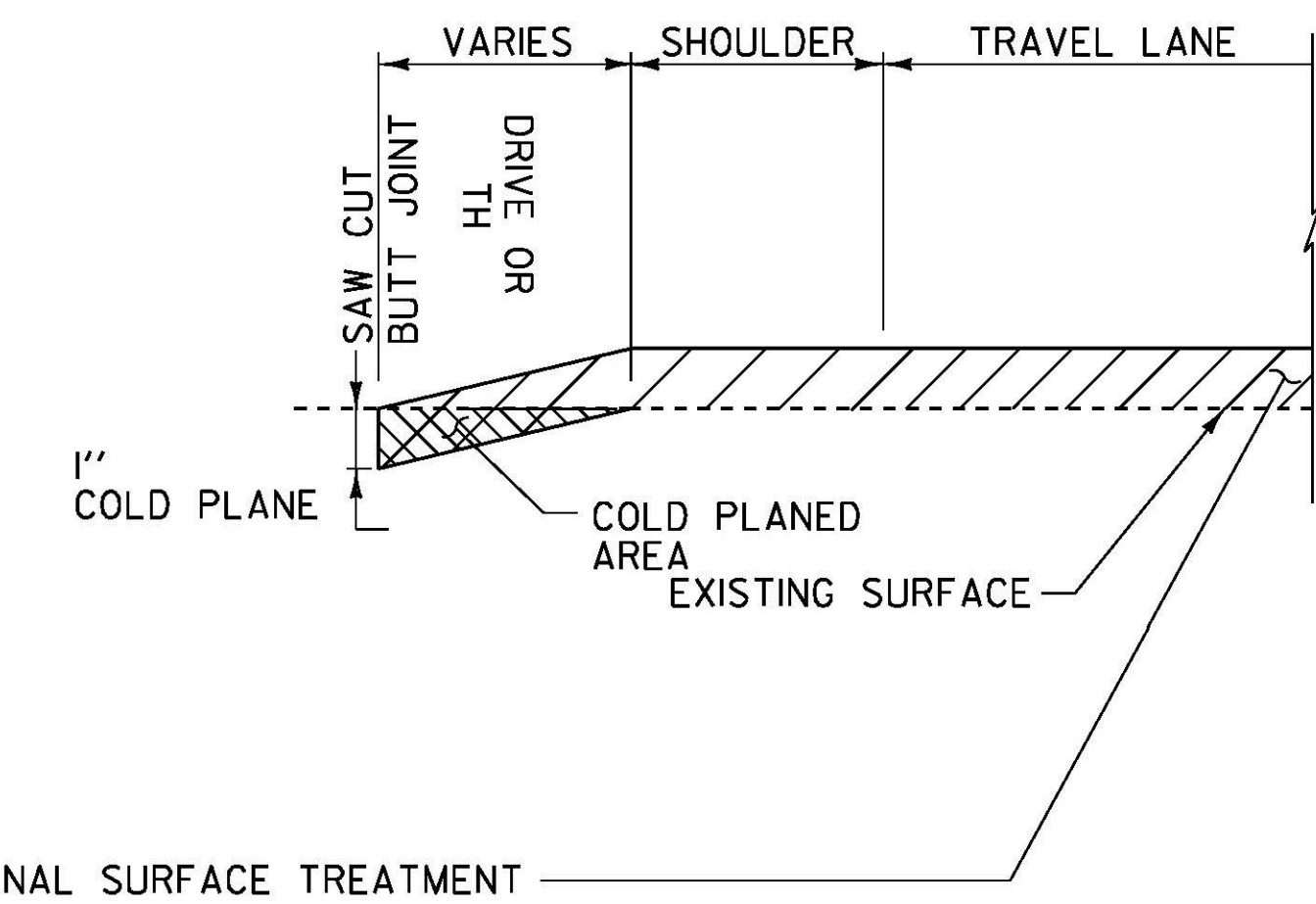
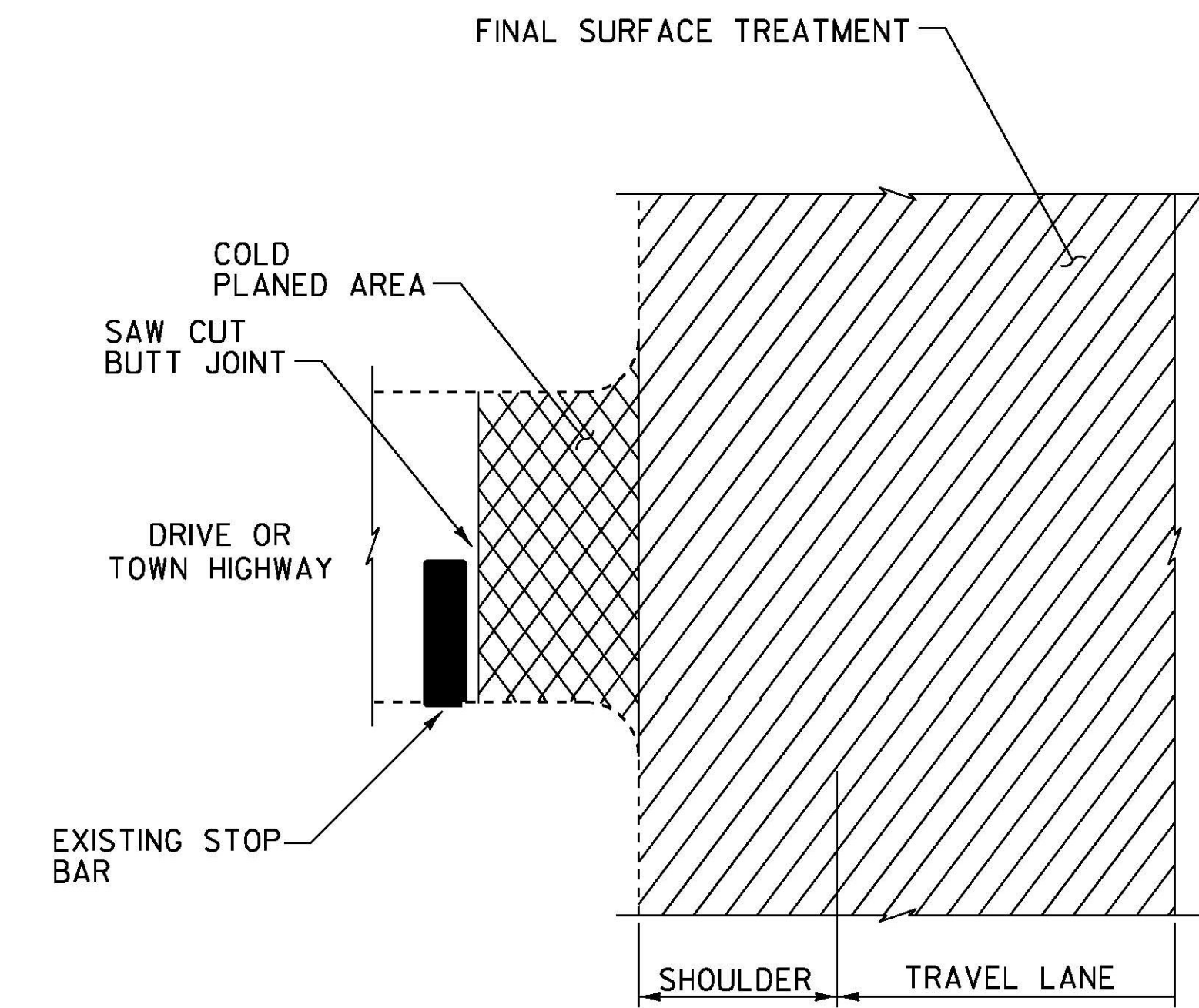
1 REVISED 6/7/13
1 REVISED 6/7/13



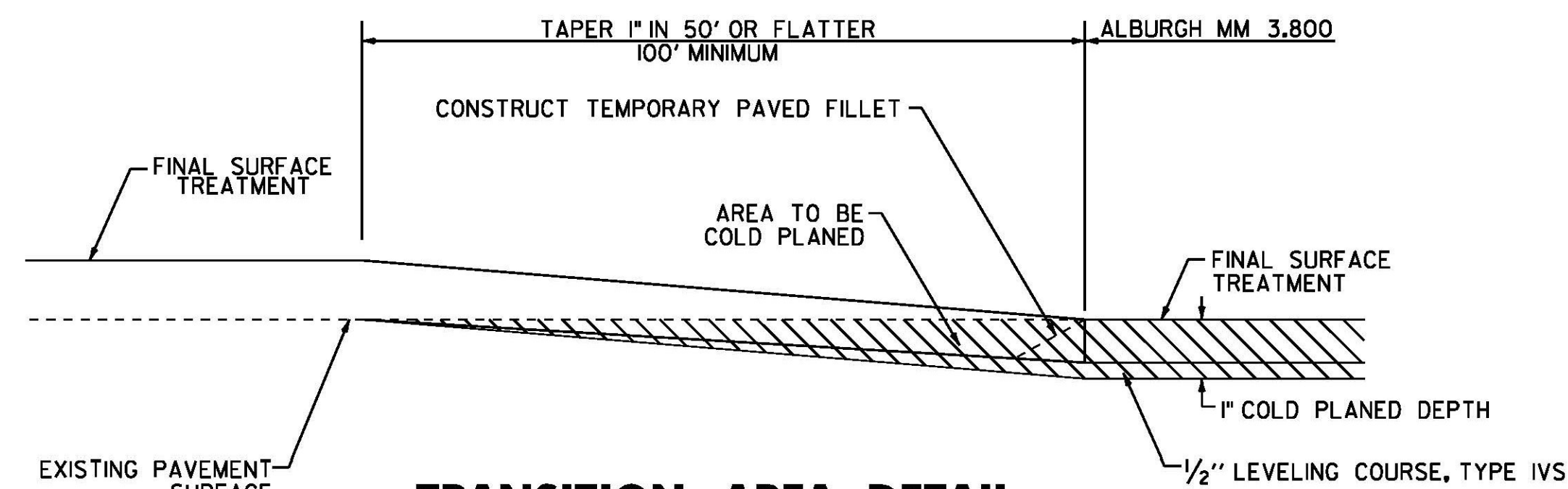
COLD PLANE DETAIL AT BEGIN/END PROJECT AND AT VT 78
NOT TO SCALE



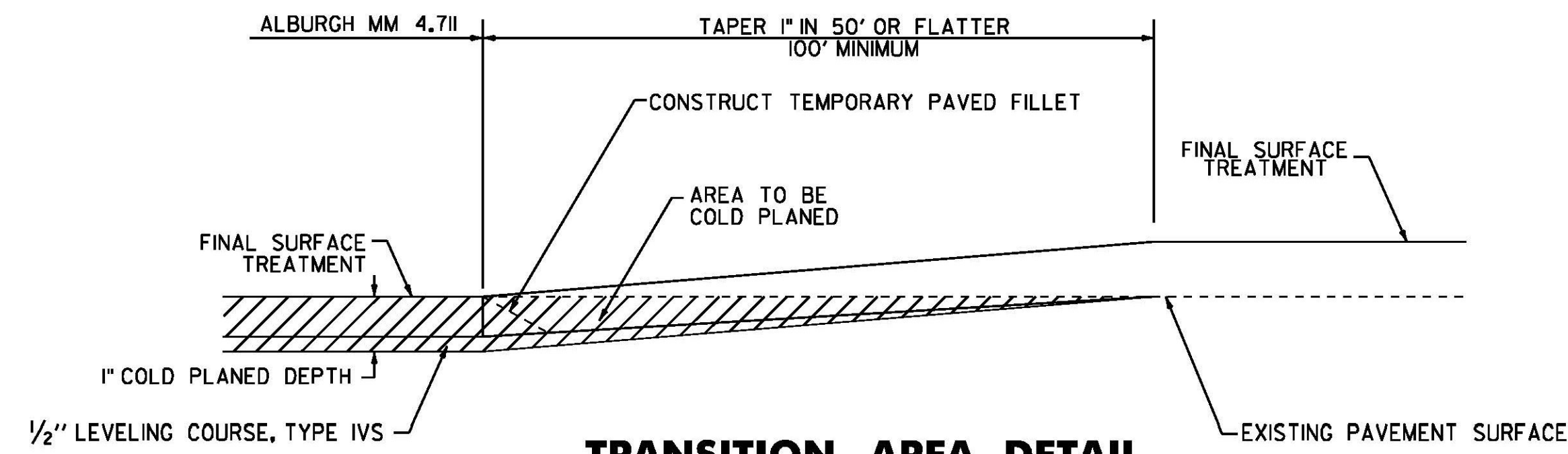
TYPICAL - POT HOLE REPAIR
NOT TO SCALE



COLD PLANE DETAILS AT DRIVES & TOWN HIGHWAYS
NOT TO SCALE



**TRANSITION AREA DETAIL
(OVERLAY TO COLD PLANE)**



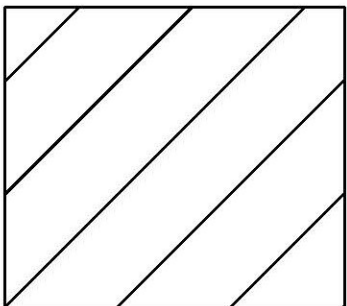
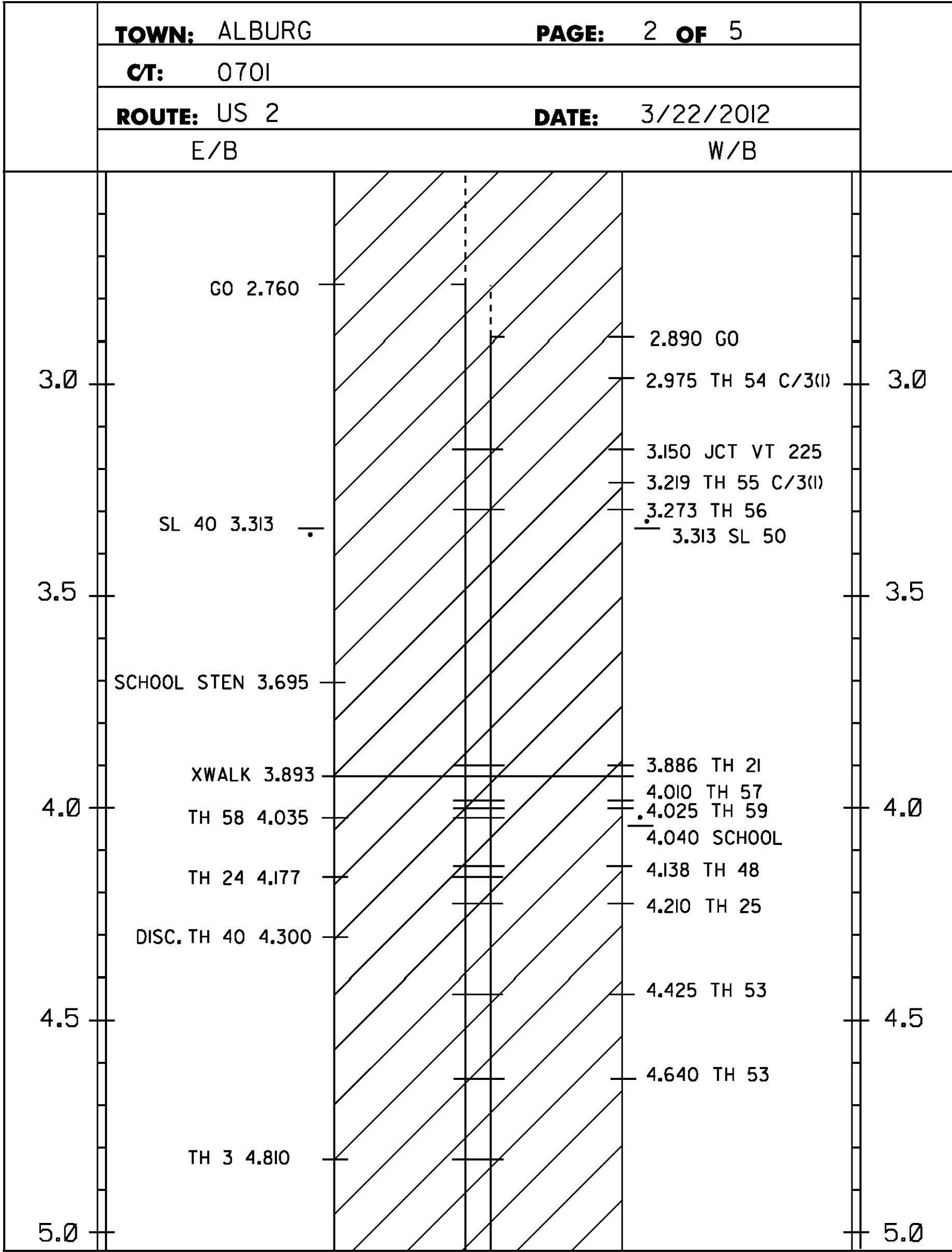
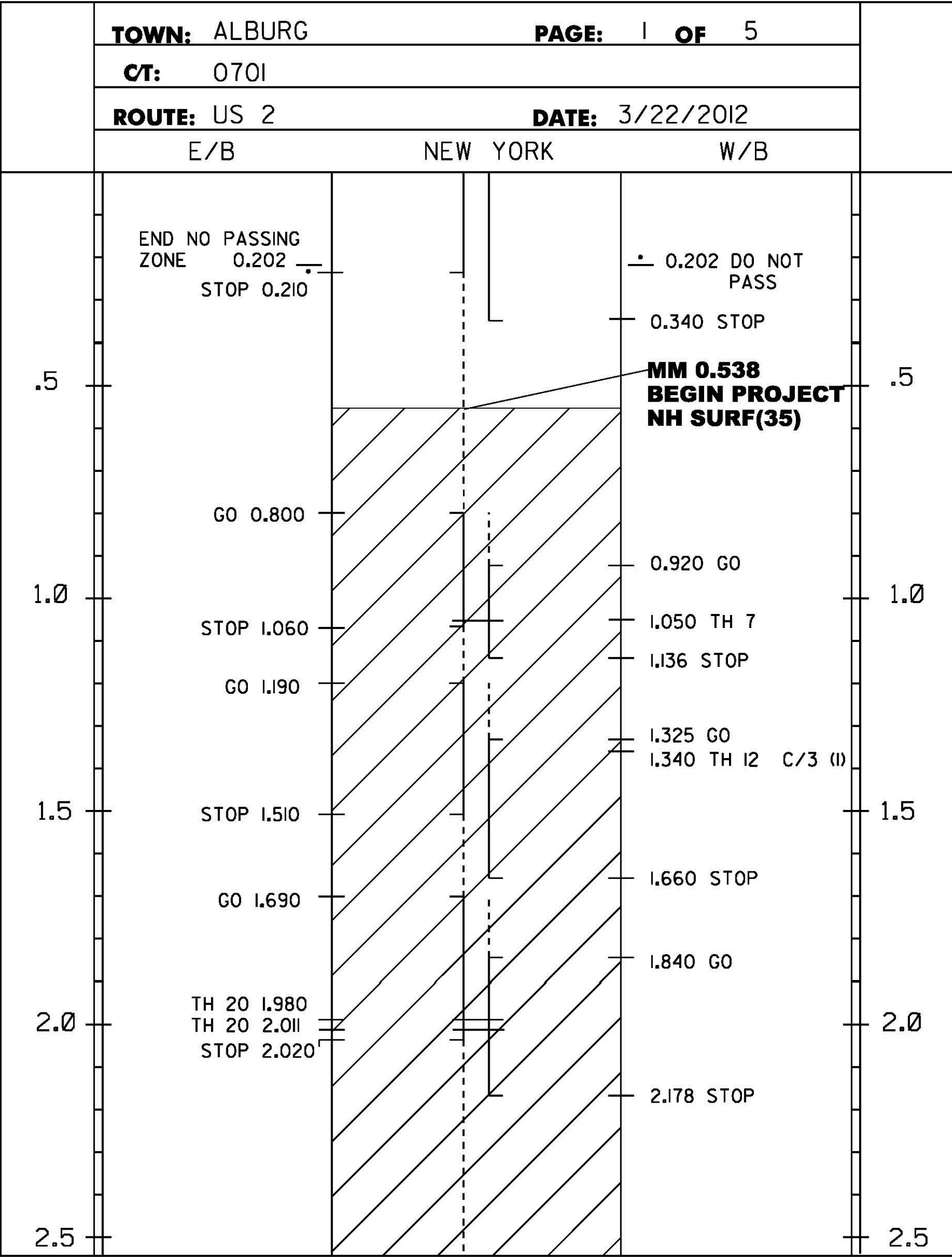
**TRANSITION AREA DETAIL
(COLD PLANE TO OVERLAY)**

**COLD PLANE
DETAIL
SHEET**

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF (35)

FILE NAME: I2b320\ I2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: LOCKE
IPARM FILE NAME: I2b320.8.1
PLOT DATE: 25-APR-2013
DRAWN BY: LOCKE
CHECKED BY: PAVT MGMT
SHEET 15 OF 70

NOT TO SCALE



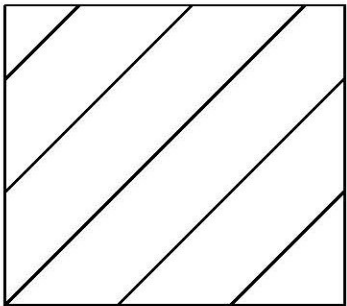
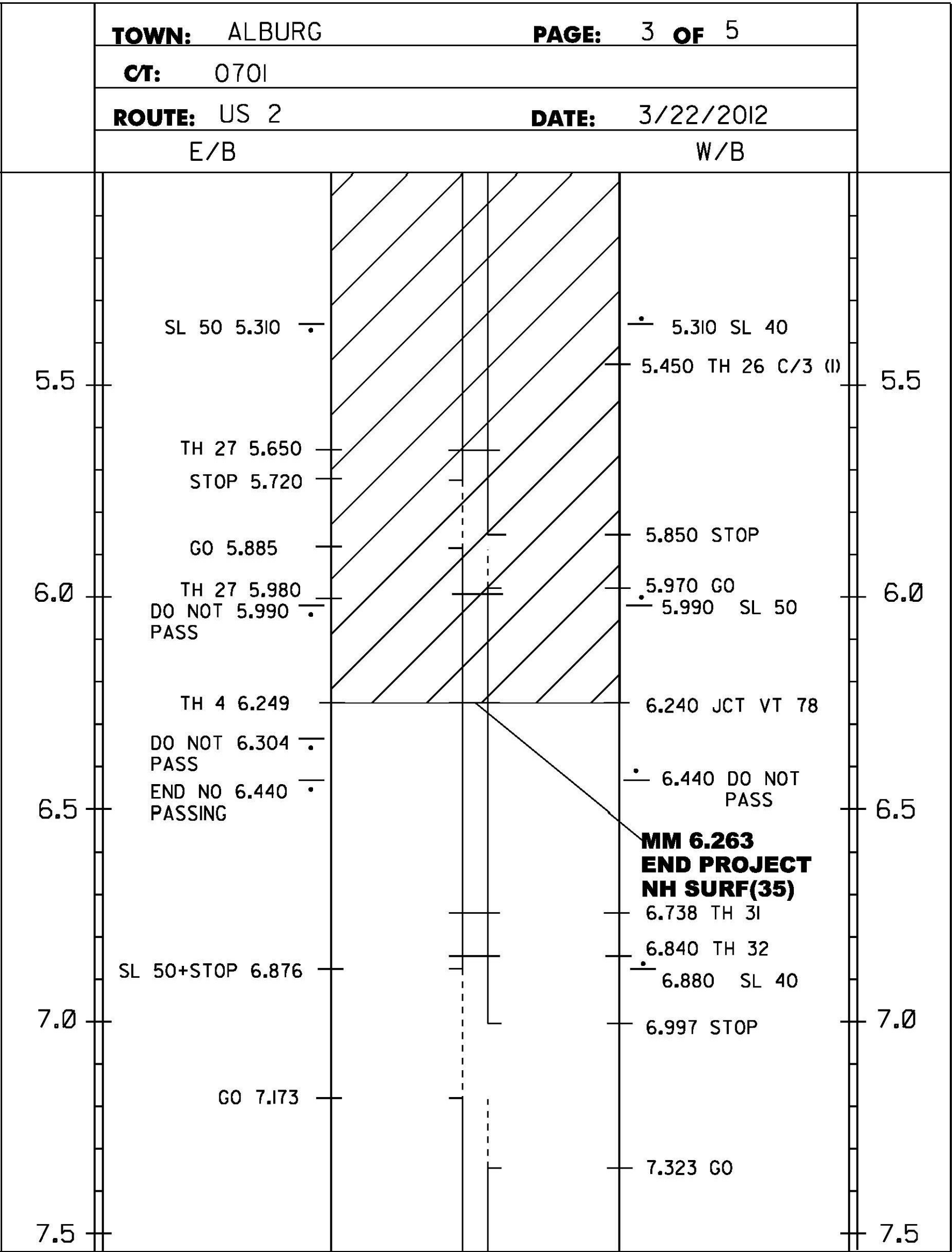
PROJECT AREA

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

LEGEND
SL-SPEED LIMIT
C/3 TH- CLASS 3 TOWN HIGHWAY
T/L-TOWN LINE

NOT TO SCALE
**CENTERLINE
MARKING
DETAIL
SHEET 1**

PROJECT NAME: ALBURGH	
PROJECT NUMBER: NH SURF(35)	
FILE NAME: i2b320.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PM
DESIGNED BY: PM	CHECKED BY: PM
p12b320 9.1	SHEET 16 OF 70



PROJECT AREA

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

LEGEND
SL-SPEED LIMIT
C/3 TH- CLASS 3 TOWN HIGHWAY
T/L-TOWN LINE

NOT TO SCALE
**CENTERLINE
MARKING
DETAIL
SHEET 2**

PROJECT NAME: ALBURGH	
PROJECT NUMBER: NH SURF(35)	
FILE NAME: l2b320.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PM
DESIGNED BY: PM	CHECKED BY: PM
p12b320 10.1	SHEET 17 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 3.480 TO 3.852, SOLID LT. & RT.

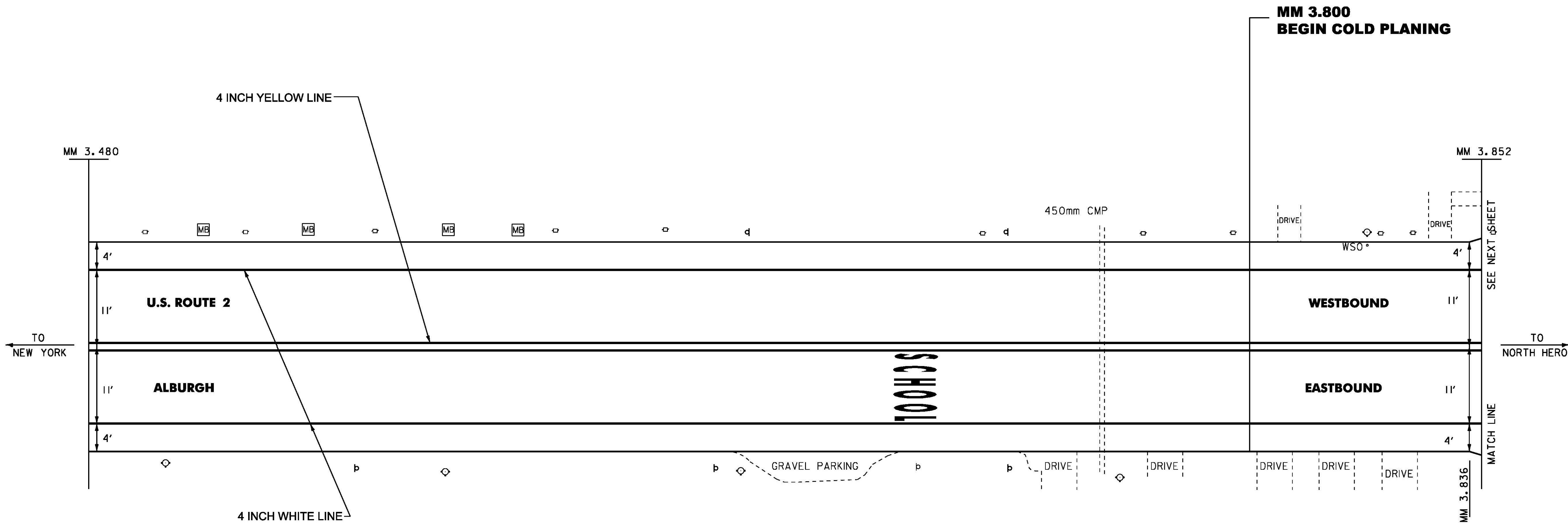
TEMPORARY 4 INCH WHITE LINE, PAINT
MM 3.480 TO 3.852, SOLID LT. & RT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 3.480 TO 3.852, SOLID LT. & RT.

TEMPORARY 4 INCH YELLOW LINE, PAINT
MM 3.480 TO 3.852, SOLID LT. & RT.

DURABLE LETTER OR SYMBOL, POLYUREA
MM 3.700, RT. - 'SCHOOL'

TEMPORARY LETTER OR SYMBOL, PAINT
MM 3.700, RT. - 'SCHOOL'



NOT TO SCALE

PAVEMENT
MARKING
DETAIL
SHEET 1

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: I2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
pI2b320 II.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 18 OF 70

NOTE:
1. MM 3.852 ~ MM 4.100: COLD PLANE 1.0", LEVEL WITH 0.5" TYPE IVS, THEN PAVE WEARING SURFACE.
2. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

DURABLE LETTER OR SYMBOL, POLYUREA

MM 3.898, LT. - 'STOP'
MM 4.003, LT. - 'STOP'
MM 4.020, LT. - 'STOP'
MM 4.035, LT. - 'SCHOOL'

TEMPORARY LETTER OR SYMBOL, PAINT

MM 3.898, LT. - 'STOP'
MM 4.003, LT. - 'STOP'
MM 4.020, LT. - 'STOP'
MM 4.035, LT. - 'SCHOOL'

DURABLE 4 INCH WHITE LINE, POLYUREA

MM 3.852 TO 4.100, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR CHAMPLAIN ST.,
MILK ST., INDUSTRIAL PARK RD., AND TH-58)

TEMPORARY 4 INCH WHITE LINE, PAINT

MM 3.852 TO 4.100, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR CHAMPLAIN ST.,
MILK ST., INDUSTRIAL PARK RD., AND TH-58)

DURABLE 4 INCH YELLOW LINE, POLYUREA

MM 3.852 TO 4.100, SOLID LT. & RT.
(WITH BREAKS FOR CHAMPLAIN ST., MILK ST.,
INDUSTRIAL PARK RD., AND TH-59)
MM 3.898, LT. (CHAMPLAIN ST.)
MM 4.003, LT. (MILK ST.)
MM 4.020, LT. (INDUSTRIAL PARK RD.)

TEMPORARY 4 INCH YELLOW LINE, PAINT

MM 3.852 TO 4.100, SOLID LT. & RT.
(WITH BREAKS FOR CHAMPLAIN ST., MILK ST.,
INDUSTRIAL PARK RD., AND TH-59)
MM 3.898, LT. (CHAMPLAIN ST.)
MM 4.003, LT. (MILK ST.)
MM 4.020, LT. (INDUSTRIAL PARK RD.)

DURABLE CROSSWALK MARKING, POLYUREA

MM 3.898, LT.
MM 3.904, LT. & RT.
MM 4.002, LT.
MM 4.020, LT.

TEMPORARY CROSSWALK MARKING, PAINT

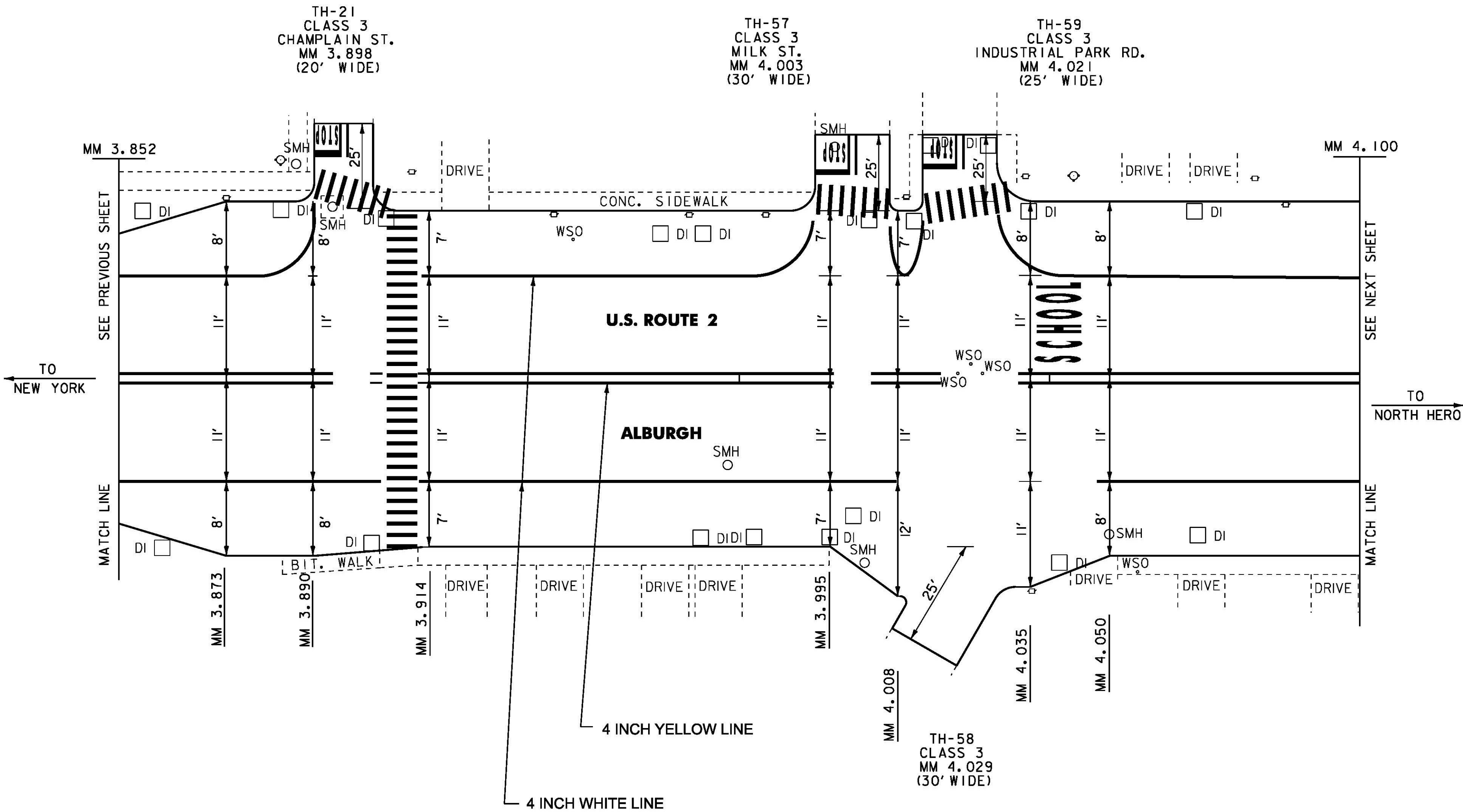
MM 3.898, LT.
MM 3.904, LT. & RT.
MM 4.002, LT.
MM 4.020, LT.

DURABLE 24 INCH STOP BAR, POLYUREA

MM 3.898, LT.
MM 4.003, LT.
MM 4.020, LT.

TEMPORARY 24 INCH STOP BAR, PAINT

MM 3.898, LT.
MM 4.003, LT.
MM 4.020, LT.



NOTE:
1. MM 3.852 ~ MM 4.100: COLD PLANE 1.0", LEVEL WITH 0.5" TYPE IVS, THEN PAVE WEARING SURFACE.
2. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

NOT TO SCALE

**PAVEMENT
MARKING
DETAIL
SHEET 2**

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: l2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
p12b320 il.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 19 OF 70

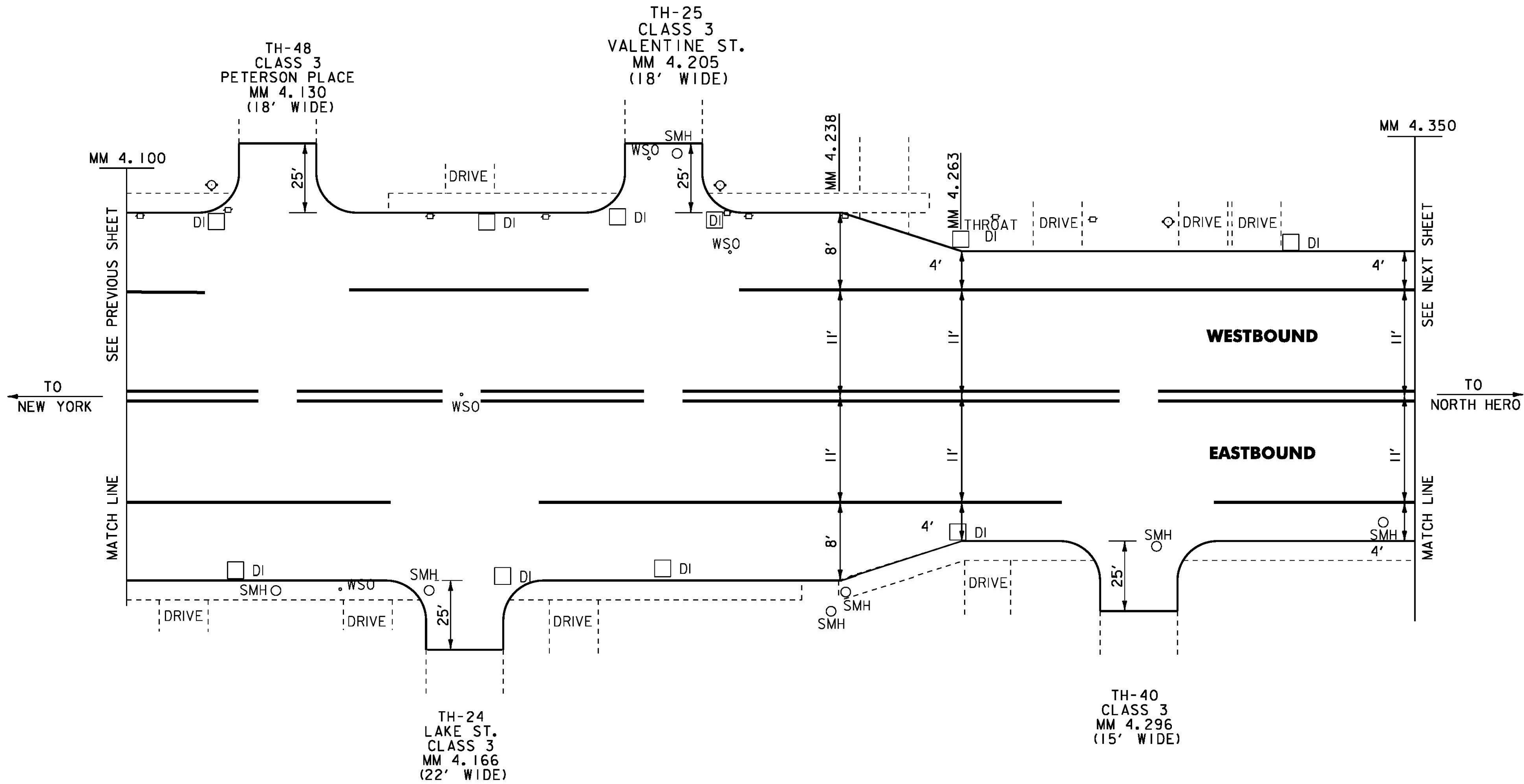
DURABLE 4 INCH WHITE LINE, POLYUREA
MM 4.100, TO 4.350, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR PETERSON PL.,
TH-24, VALENTINE ST., AND TH-40)

TEMPORARY 4 INCH WHITE LINE, PAINT
MM 4.100, TO 4.350, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR PETERSON PL.,
TH-24, VALENTINE ST., AND TH-40)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 4.100 TO 4.350, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR PETERSON
PL., TH-24, VALENTINE ST. AND TH-40)

TEMPORARY 4 INCH YELLOW LINE, PAINT
MM 4.100 TO 4.350, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR PETERSON
PL., TH-24, VALENTINE ST. AND TH-40)

CHANGING ELEVATION OF DI'S CB'S OR MH'S
MM 4.196, LT.



NOT TO SCALE

**PAVEMENT
MARKING
DETAIL
SHEET 3**

NOTE:
1. MM 4.100 ~ MM 4.350: COLD PLANE 1.0", LEVEL WITH 0.5" TYPE IVS, THEN PAVE WEARING SURFACE.
2. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: I2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
pI2b320 I2.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 20 OF 70

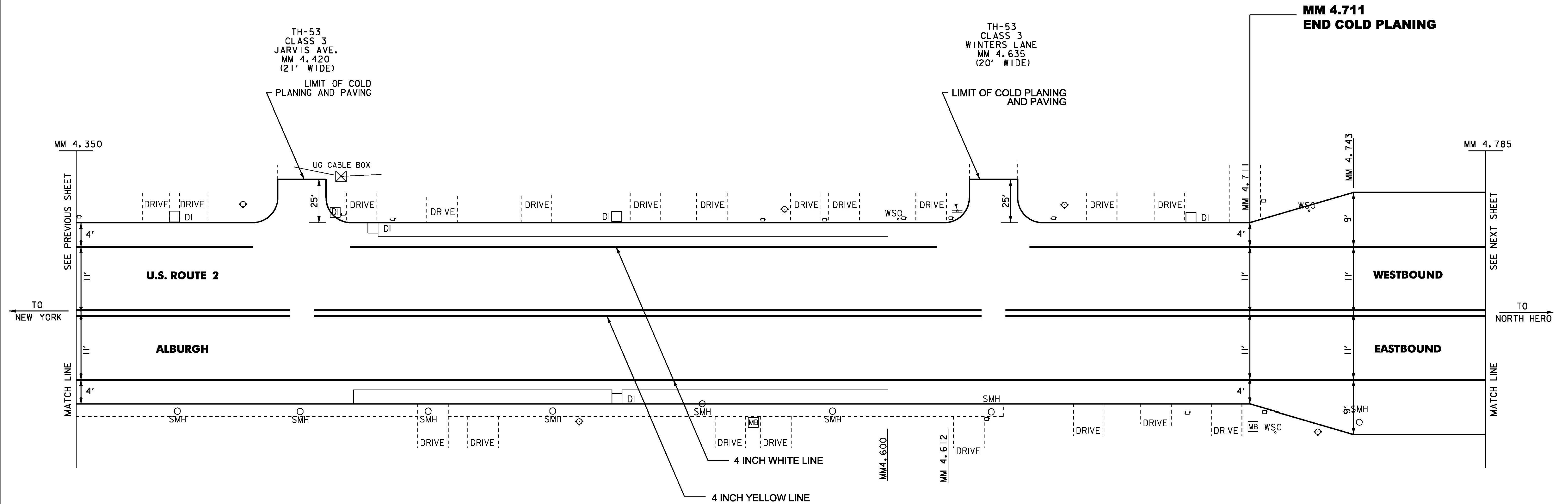
DURABLE 4 INCH WHITE LINE, POLYUREA
MM 4.350 TO 4.785, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR JARVIS AVE.
& WINTERS LN.)

TEMPORARY 4 INCH WHITE LINE, PAINT
MM 4.350 TO 4.785, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR JARVIS AVE.
& WINTERS LN.)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 4.350 TO 4.785, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR JARVIS
AVE. & WINTERS LN.)

TEMPORARY 4 INCH YELLOW LINE, PAINT
MM 4.350 TO 4.785, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR JARVIS
AVE. & WINTERS LN.)

CHANGING ELEVATION OF DI'S CB'S OR MH'S
MM 4.516, RT.



NOT TO SCALE

**PAVEMENT
MARKING
DETAIL
SHEET 4**

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: I2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY:
I2b320 I3.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 21 OF 70

NOTE:
1. MM 4.350 ~ MM 4.711: COLD PLANE 1.0", LEVEL WITH 0.5" TYPE IVS, THEN PAVE WEARING SURFACE.
2. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 4.785 TO 5.220, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR WEST SHORE
RD.)
MM 4.823 RT. (WEST SHORE RD. EDGELINES)

TEMPORARY 4 INCH WHITE LINE, PAINT
MM 4.785 TO 5.220, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR WEST SHORE
RD.)
MM 4.823 RT. (WEST SHORE RD. EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 4.785 TO 5.220, SOLID LT. & RT.
(WITH BREAK FOR WEST SHORE RD.)
MM 4.823 RT. (WEST SHORE RD. CENTERLINE)

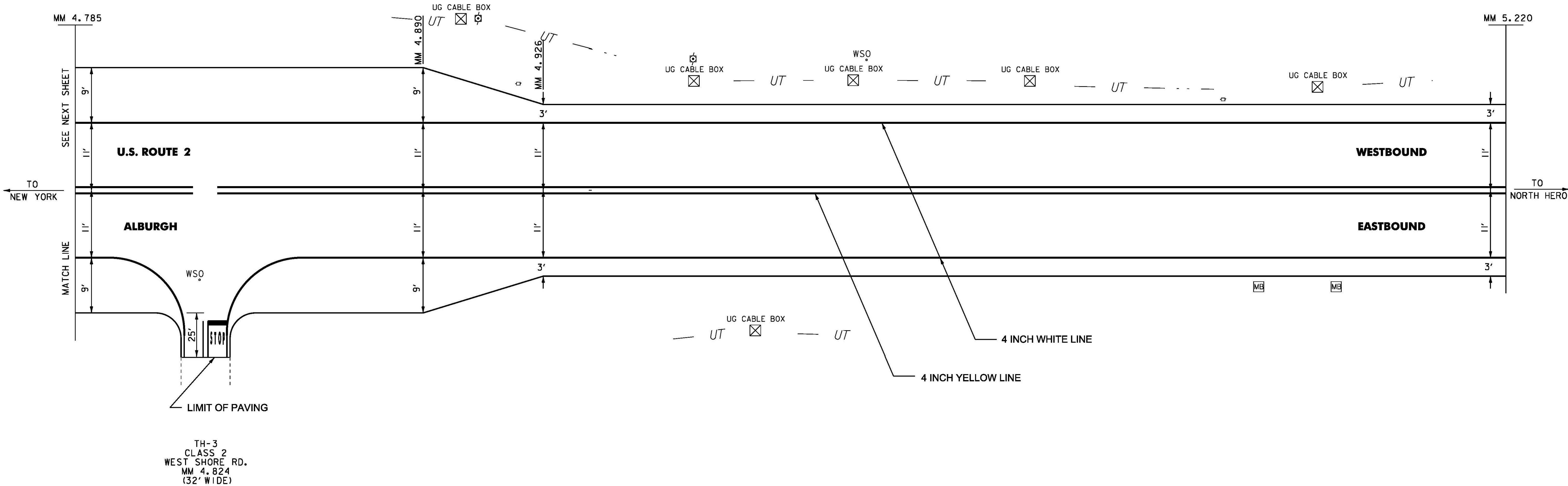
TEMPORARY 4 INCH YELLOW LINE, PAINT
MM 4.785 TO 5.220, SOLID LT. & RT.
(WITH BREAK FOR WEST SHORE RD.)
MM 4.823 RT. (WEST SHORE RD. CENTERLINE)

DURABLE 24 INCH STOP BAR, POLYUREA
MM 4.824 RT (TH-3 WEST SHORE RD.)

TEMPORARY 24 INCH STOP BAR, PAINT
MM 4.824 RT (TH-3 WEST SHORE RD.)

DURABLE LETTER OR SYMBOL, POLYUREA
MM 4.824 RT "STOP" (TH-3 WEST SHORE RD.)

TEMPORARY LETTER OR SYMBOL, PAINT
MM 4.824 RT "STOP" (TH-3 WEST SHORE RD.)



NOT TO SCALE

**PAVEMENT
MARKING
DETAIL
SHEET 5**

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: pl2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
12b320 14.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 22 OF 70

NOTE:
1. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

MM 1.951 TO 2.050, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR WINDMILL POINT
INTERSECTIONS)
MM 2.028 TO 2.042 RT. (GORE)

MM 1.951 TO 2.050, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR WINDMILL POINT
INTERSECTIONS)
MM 2.028 TO 2.042 RT. (GORE)

MM 1.951 TO 2.030, SOLID LT. & RT., (WITH
CENTERLINE BREAKS FOR WIND MILL POINT RD.
INTERSECTIONS)
MM 1.975, RT. (WIND MILL POINT RD.)
MM 2.017, RT. (WIND MILL POINT RD.)
MM 2.030, TO 2.050, SOLID LT/DASHED RT.

MM 1.951 TO 2.030, SOLID LT. & RT., (WITH
CENTERLINE BREAKS FOR WIND MILL POINT RD.
INTERSECTIONS)
MM 1.975, RT. (WIND MILL POINT RD.)
MM 2.017, RT. (WIND MILL POINT RD.)
MM 2.030, TO 2.050, SOLID LT/DASHED RT.

MM 1.976, RT. (WIND MILL POINT RD.)
MM 2.047, RT. (WIND MILL POINT RD.)

MM 1.976, RT. (WIND MILL POINT RD.)
MM 2.047, RT. (WIND MILL POINT RD.)

MM 1.976, RT. "STOP" (WIND MILL POINT RD.)
MM 2.047, RT. "STOP" (WIND MILL POINT RD.)

MM 1.976, RT. "STOP" (WIND MILL POINT RD.)
MM 2.047, RT. "STOP" (WIND MILL POINT RD.)

MM 2.017, RT.
(GORE DIAGONALS, WIND MILL POINT RD.)

MM 2.017, RT.
(GORE DIAGONALS, WIND MILL POINT RD.)



INTERSECTION DETAIL SHEET 1

FILE NAME: p2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
p12B320 I5.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 23 OF 70

NOTE:
1. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

MM 3.082 TO 3.181, LT. & RT., SOLID
MM 3.165 TO 3.181, LT, SOLID (LANE LINE)
MM 3.152, LT. (BRIDGE RD. EDGELINE)

MM 3.082 TO 3.181, LT. & RT., SOLID
MM 3.165 TO 3.181, LT, SOLID (LANE LINE)
MM 3.152, LT. (BRIDGE RD. EDGELINE)

MM 3.082 TO 3.181, LT. & RT., SOLID CENTERLINE
(WITH CENTERLINE BREAK FOR BRIDGE RD.)
MM 3.152, LT. (BRIDGE RD. ISLAND & CENTERLINE)

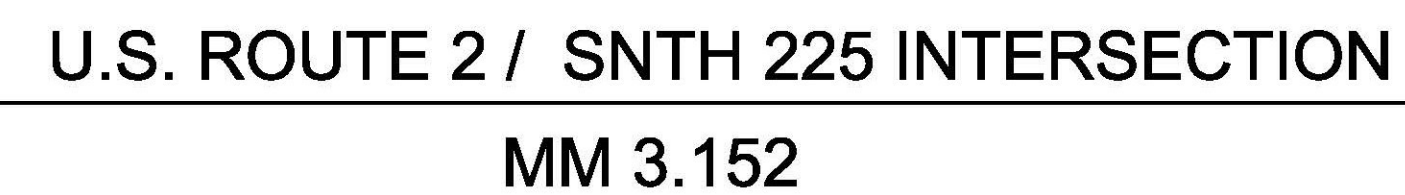
MM 3.082 TO 3.181, LT. & RT., SOLID CENTERLINE
(WITH CENTERLINE BREAK FOR BRIDGE RD.)
MM 3.152, LT. (BRIDGE RD. ISLAND & CENTERLINE)

MM 3.149, LT. (BRIDGE RD.)

MM 3.149, LT. (BRIDGE RD.)

MM 3.149, LT., 'STOP' (BRIDGE RD.)
MM 3.167, LT., ARROW

MM 3.149, LT., 'STOP' (BRIDGE RD.)
MM 3.167, LT., ARROW



NOTE:
1. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

INTERSECTION DETAIL SHEET 2

FILE NAME: i2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
p12b320 16.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 24 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 3.181 TO 3.293, LT. & RT. SOLID EDGE LINE
(WITH BREAK FOR TOWN GARAGE RD.)
MM 3.181 TO 3.197, LT. SOLID (LANE LINE)
MM 3.197 TO 3.234, LT. DOTS (LANE TAPER)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 3.181 TO 3.293, LT. & RT., SOLID (WITH
CENTERLINE BREAK FOR TOWN GARAGE RD.)

DURABLE 24 INCH STOP BAR, POLYUREA
MM 3.276, LT. (TOWN GARAGE RD.)

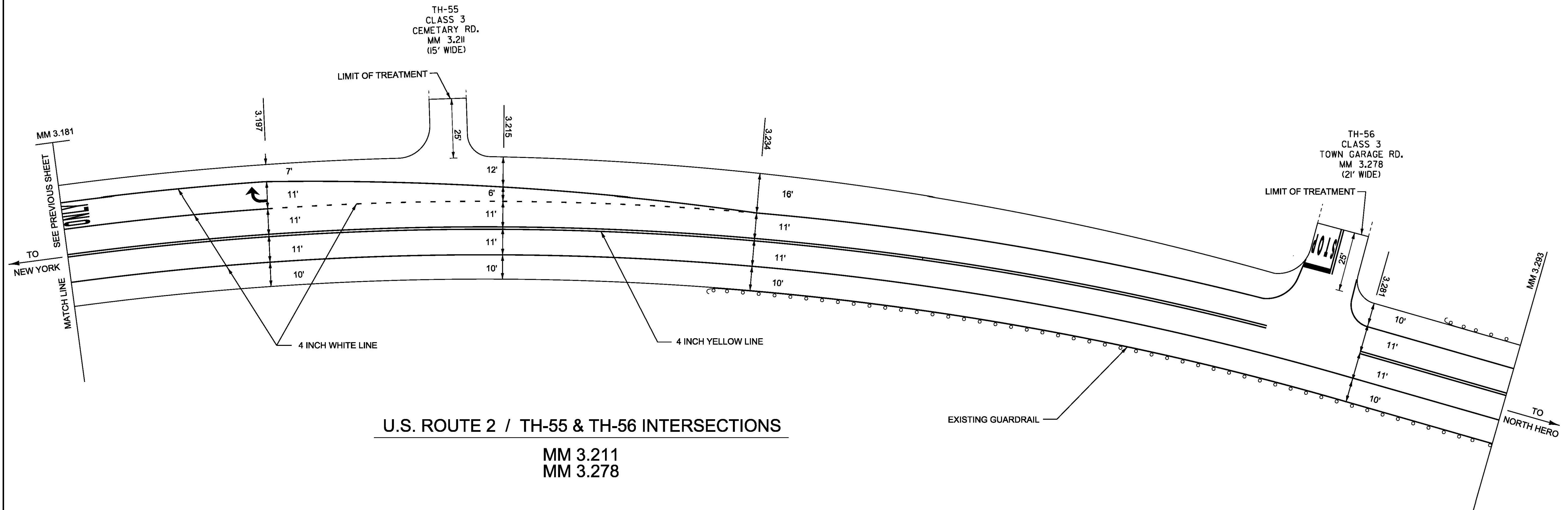
DURABLE LETTER OR SYMBOL, POLYUREA
MM 3.197, LT. ARROW
MM 3.181, LT. 'ONLY'
MM 3.276, LT. 'STOP' (TH-56 TOWN GARAGE RD)

TEMPORARY 4 INCH WHITE LINE, PAINT
MM 3.181 TO 3.293, LT. & RT. SOLID EDGE LINE
(WITH BREAK FOR TOWN GARAGE RD.)
MM 3.181 TO 3.197, LT. SOLID (LANE LINE)
MM 3.197 TO 3.234, LT. DOTS (LANE TAPER)
MM 3.278 LT. EDGE LINE FOR BRIDGE RD.

TEMPORARY 4 INCH YELLOW LINE, PAINT
MM 3.181 TO 3.293, LT. & RT., SOLID (WITH
CENTERLINE BREAK FOR TOWN GARAGE RD.)

TEMPORARY 24 INCH STOP BAR, PAINT
MM 3.276, LT. (TOWN GARAGE RD.)

TEMPORARY LETTER OR SYMBOL, PAINT
MM 3.197, LT. ARROW
MM 3.181, LT. 'ONLY'
MM 3.276, LT. 'STOP' (TH-56 TOWN GARAGE RD)



U.S. ROUTE 2 / TH-55 & TH-56 INTERSECTIONS
MM 3.211
MM 3.278

NOT TO SCALE

INTERSECTION
DETAIL
SHEET 3

PROJECT NAME: ALBURGH
PROJECT NUMBER: NH SURF(35)

FILE NAME: I2b320.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PM
I2b320 17.1

PLOT DATE: 25-APR-2013
DRAWN BY: PM
CHECKED BY: PM
SHEET 25 OF 70

NOTE:
1. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

DURABLE 4 INCH WHITE LINE, PLOYUREA
MM 6.188 TO 6.263, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR VT 78 AND TH-4)

TEMPORARY 4 INCH WHITE LINE, PAINT
MM 6.188 TO 6.263, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR VT 78 AND TH-4)
MM 6.234 LT. EDGELINES FOR VT RTE. 74
MM 6.234 RT. EDGELINES FOR TH-4

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 6.188 TO 6.263, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR VT-78 & TH-4)
MM 6.234, LT. (VT-78 CENTERLINE)
MM 6.234, RT. (TH-4 CENTERLINE)

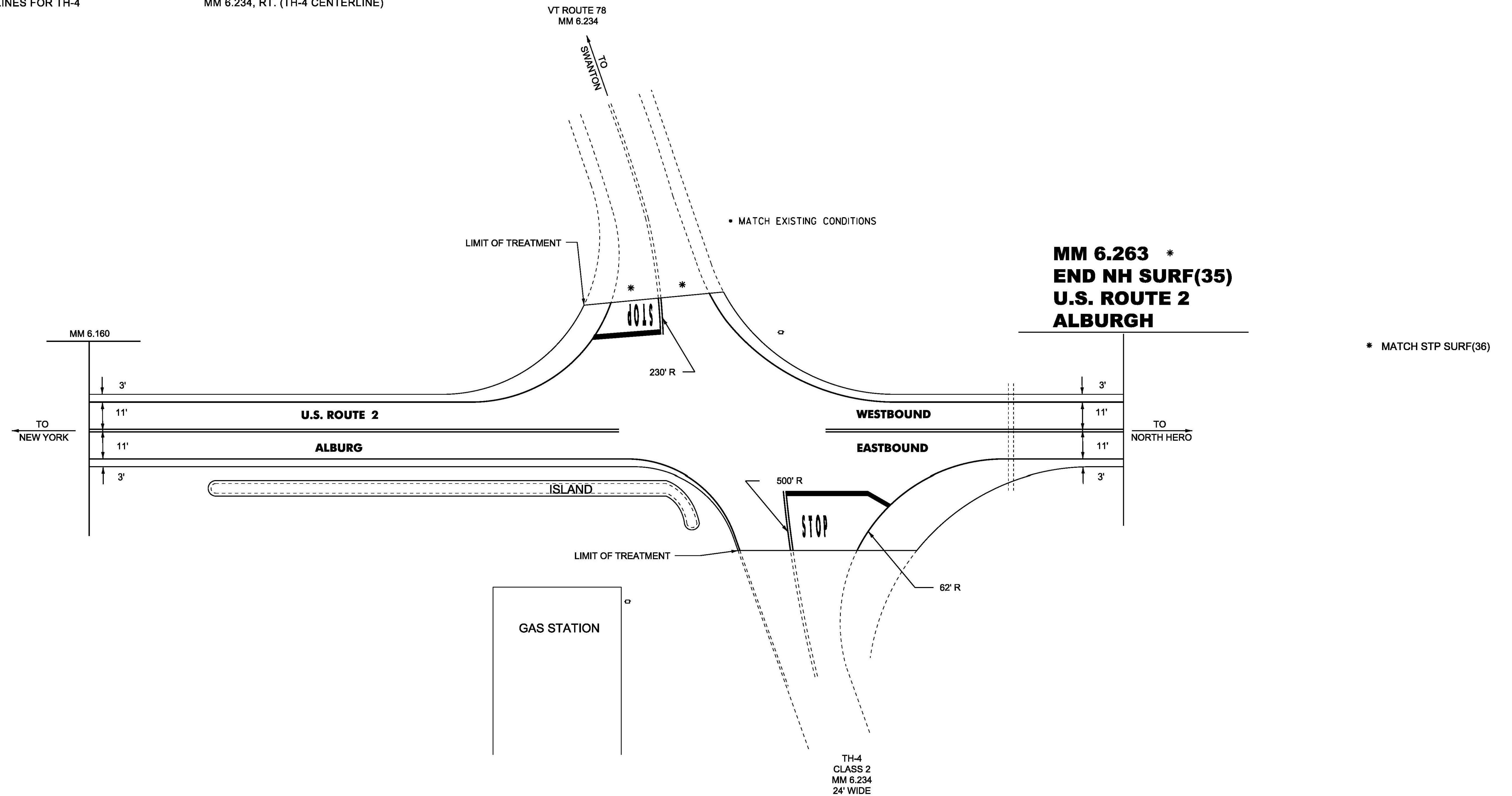
TEMPORARY 4 INCH YELLOW LINE, PAINT
MM 6.188 TO 6.263, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR VT-78 & TH-4)
MM 6.234, LT. (VT-78 CENTERLINE)
MM 6.234, RT. (TH-4 CENTERLINE)

DURABLE 24 INCH STOP BAR, POLYUREA
MM 6.234, LT., (VT 78)
M 6.234, RT., (TH-4)

TEMPORARY 24 INCH STOP BAR, PAINT
MM 6.234, LT., (VT 78)
M 6.234, RT., (TH-4)

DURABLE LETTER OR SYMBOL, POLYUREA
MM 6.234, LT., 'STOP' (VT 78)
MM 6.234, RT., 'STOP' (TH-4)

TEMPORARY LETTER OR SYMBOL, PAINT
MM 6.234, LT., 'STOP' (VT 78)
MM 6.234, RT., 'STOP' (TH-4)



U.S. ROUTE 2 / VT ROUTE 78 / TH-4 INTERSECTION
MM 6.234

NOTE:
1. SEE QUANTITY SHEETS FOR DURABLE MARKING OPTIONS.

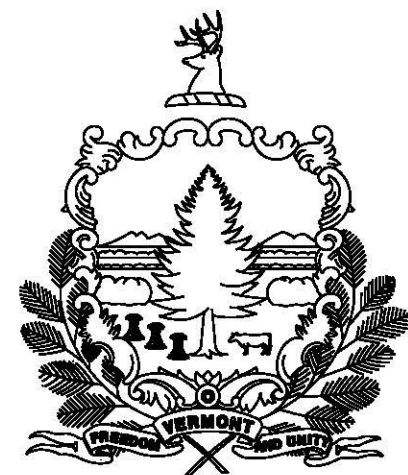
NOT TO SCALE

**INTERSECTION
DETAIL
SHEET 4**

PROJECT NAME:	ALBURGH
PROJECT NUMBER:	NH SURF(35)
FILE NAME:	I2b320.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PM
PLOT DATE:	25-APR-2013
CHECKED BY:	PM
SHEET	26
OF	70

FOR INDEX, SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

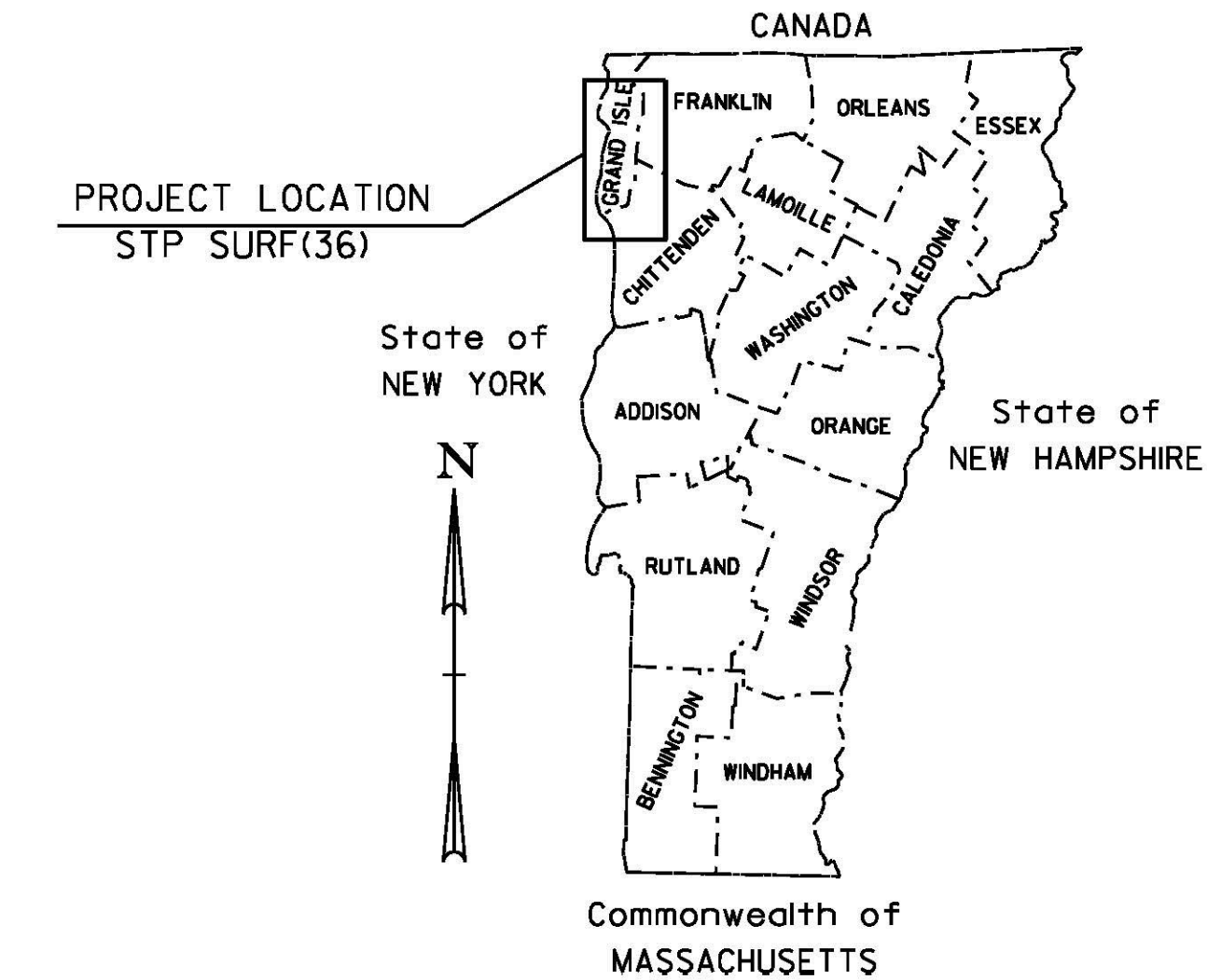


PROPOSED IMPROVEMENT
TOWNS OF ALBURGH, NORTH HERO, GRAND ISLE,
SOUTH HERO, MILTON & COLCHESTER
COUNTIES OF GRAND ISLE & CHITTENDEN
U.S. ROUTE 2 (MINOR ARTERIAL)

BEGINNING IN THE TOWN OF ALBURGH ON U.S. ROUTE 2 AT MM 6.263 AND EXTENDING EASTERLY
ALONG U.S. ROUTE 2 FOR A DISTANCE OF 32.740 MILES TO THE INTERSECTION OF U.S. RTE. 7 IN COLCHESTER.

PROJECT DATA	LENGTH (FT)	LENGTH (MILES)
LENGTH OF ROADWAY	= 172,867.20	32.740
LENGTH OF PROJECT	= 17,867.20	32.740

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES SURFACE PREPARATION INVOLVING
PATCHING, POT HOLE REPAIR, AND CRACK SEALING; SPOT LEVELING; COLD PLANING; OVERLAYING WITH
A THIN BITUMINOUS CONCRETE PAVEMENT WEARING COURSE, AND OTHER HIGHWAY RELATED ITEMS.



TRAFFIC DATA

U.S. ROUTE 2

LOCATION	ADT		DHV		ESALS	ESALS
	2013	2023	2013	2023	2013~2023	2013~2023
BEGIN PROJECT TO VT 129	1800	2000	270	300	402,000	960,000
VT 129 TO LAKE VIEW DR.	1900	2100	290	320	541,000	1,261,000
LAKE VIEW DR. TO SOUTH END RD.	2600	2800	400	430	457,000	1,071,000
SOUTH END RD. TO VT 314	3000	3200	460	490	627,000	1,586,000
VT 314 (GRAND IS.) TO VT 314 (S. HERO)	5200	5700	620	680	1,047,000	2,685,000
VT 314 (S. HERO) TO LANDON ST.	9100	10,000	1100	1200	1,933,000	4,639,000
LANDON ST. TO JASPER MINE RD.	13400	13500	1400	1400	1,631,000	3,578,000
JASPER MINE RD. TO END OF PROJECT.	15000	16700	1800	2000	3,150,000	7,767,000

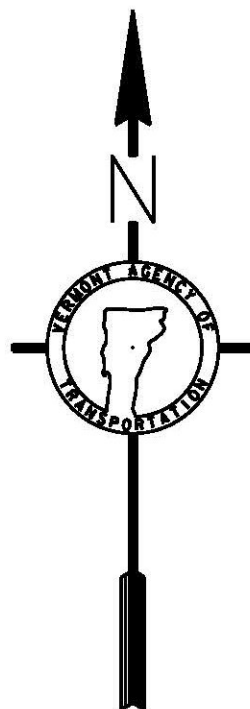
QUALITY ASSURANCE PROGRAM: LEVEL I

CONVENTIONAL SYMBOLS

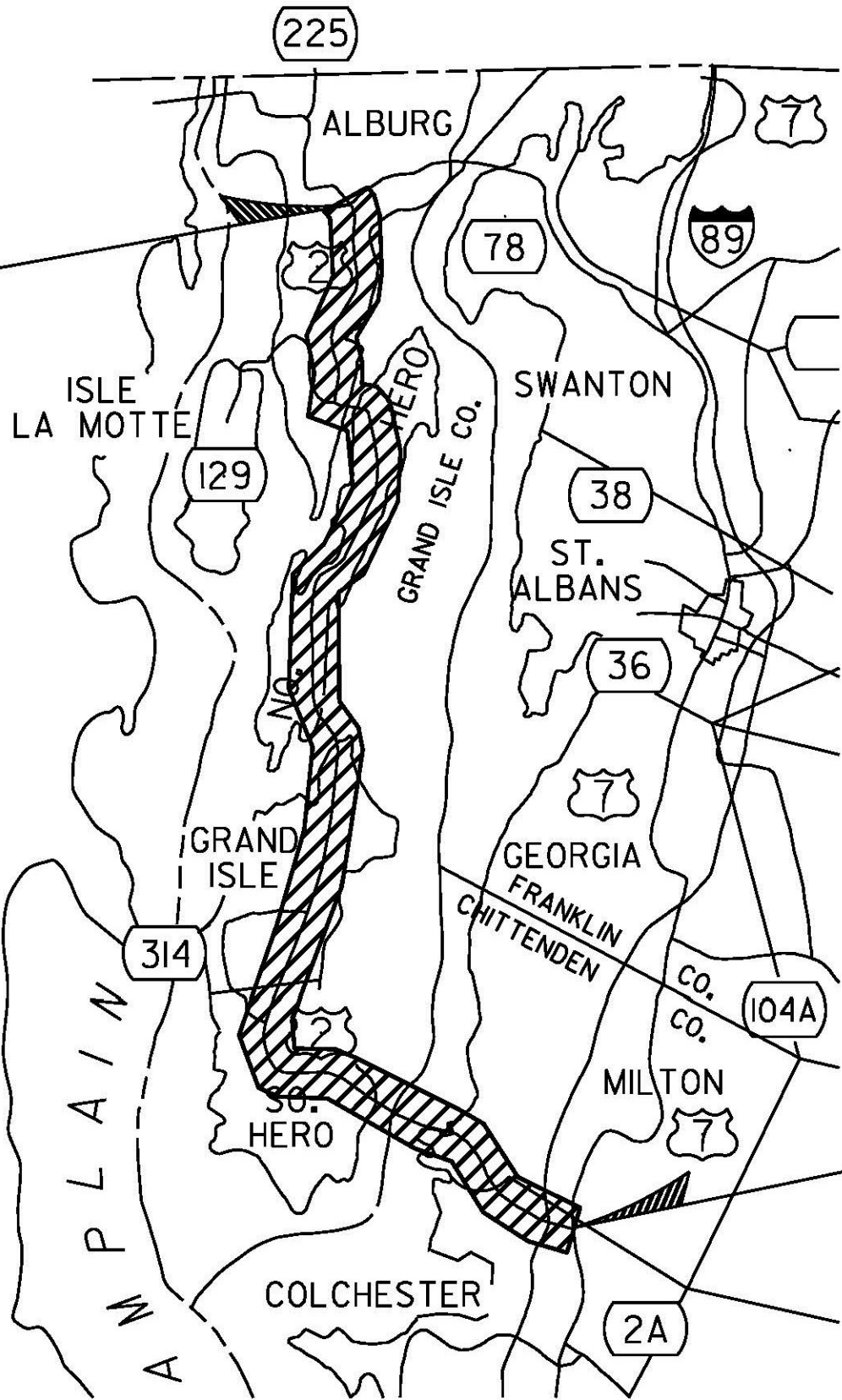
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

SURVEYED BY : N/A
SURVEYED DATE : N/A

DATUM
VERTICAL N/A
HORIZONTAL N/A



NOT TO SCALE



BEGIN STP SURF(36)
U.S. ROUTE 2
ALBURGH
MM 6.263

END STP SURF(36)
U.S. ROUTE 2
COLCHESTER
MM 2.192

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 2011, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED _____ DATE _____

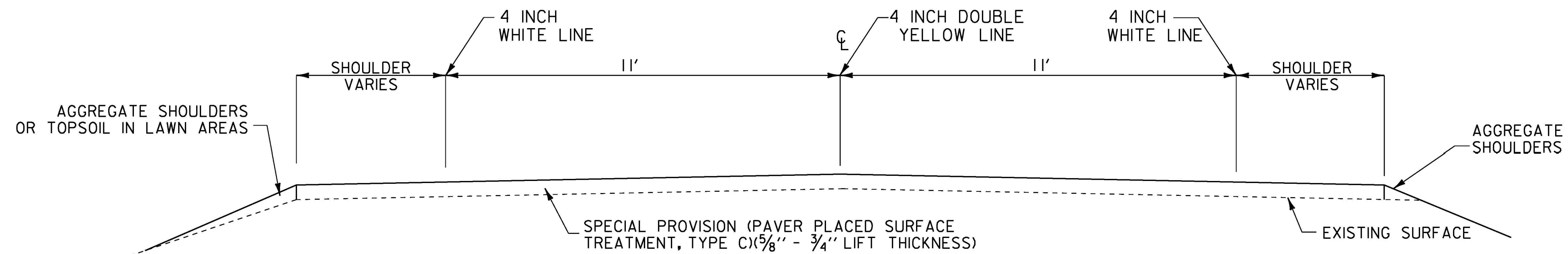
PROJECT MANAGER :

PROJECT NAME : ALBURGH-COLCHESTER

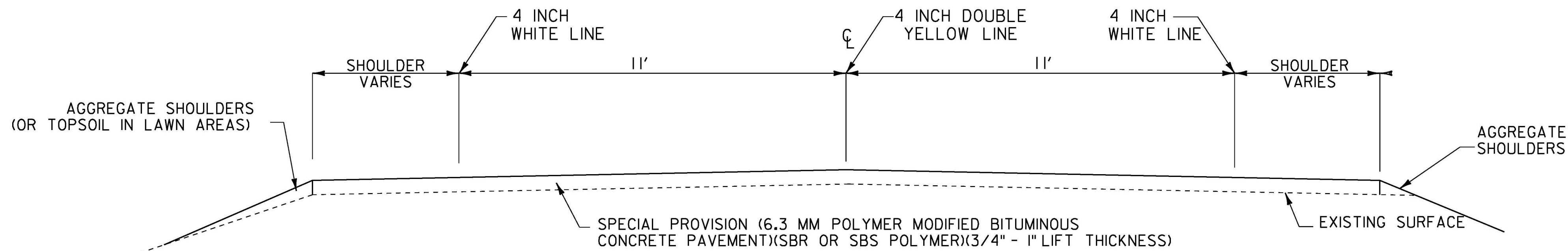
PROJECT NUMBER : STP SURF(36)

SHEET 27 OF 70 SHEETS

12b322+1. i



TYPICAL SECTION -ALTERNATE A
US RTE. 2
ALBURG MM 6.263 - COLCHESTER MM 2.192



TYPICAL SECTION -ALTERNATE B
US RTE. 2
ALBURG MM 6.263 - COLCHESTER MM 2.192

TOWN	MM	MM	LANE TYPICAL		TOWN	MM	MM	LANE TYPICAL
ALBURGH	6.263	11.732	3-11-11-3		SOUTH HERO	0.000	0.749	3-12-12-3
NORTH HERO	0.000	0.065	5-11-11-5		SOUTH HERO	0.749	0.767	TAPER
NORTH HERO	0.065	0.222	5-11-11-5		SOUTH HERO	0.767	1.610	4-12-12-4
NORTH HERO	0.222	2.684	5-11-11-5		SOUTH HERO	1.610	1.663	TAPER
NORTH HERO	2.684	2.694	TAPER		SOUTH HERO	1.663	3.041	10-12-12-10
NORTH HERO	2.694	5.071	3-11-11-3		SOUTH HERO	3.041	5.783	SEE LAYOUTS
NORTH HERO	5.071	5.081	TAPER		MILTON	0.000	2.436	8-12-12-8
NORTH HERO	5.081	5.592	5-11-11-5		MILTON	2.436	2.485	TAPER
NORTH HERO	5.592	5.869	5-11-11-5		MILTON	2.486	3.438	10-12-12-10
NORTH HERO	5.869	5.880	TAPER		MILTON	3.438	3.451	TAPER
NORTH HERO	5.880	9.072	3-11-11-3		MILTON	3.451	3.645	10-12-12-12
NORTH HERO	9.072	9.114	TAPER		MILTON	3.645	3.685	BR 17
NORTH HERO	9.114	9.356	5-11-11-5		COLCHESTER	0.000	0.038	BR 17
GRAND ISLE	0	0.001	4-11-11-4		COLCHESTER	0.038	1.677	10-12-12-10
GRAND ISLE	0.001	0.029	DRAWBRIDGE		COLCHESTER	1.677	2.192	SEE LAYOUTS
GRAND ISLE	0.029	0.040	4-11-11-4					
GRAND ISLE	0.046	0.311	6-11-11-6					
GRAND ISLE	0.311	0.329	TAPER					
GRAND ISLE	0.329	3.771	3-11-11-3					
GRAND ISLE	3.771	3.790	TAPER					
GRAND ISLE	3.790	6.255	4-11-11-4					

NOT TO SCALE

**TYPICAL
SECTIONS**

PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF (36)

FILE NAME: i2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT.MGT.
IPARM FILE NAME: i2b322typ.i

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 28 OF 71

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES											TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
					ROADWAY	BRIDGE NO 1	FULL C.E. ITEMS	ALTERNATE A	ROADWAY (NO FEDERAL/STATE	ALTERNATE B	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
					45000						45000		LF	SHOULDER BERM REMOVAL	203.40	EST.			
					1						1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.			SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
					7400						7400		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	142			LEVELING COURSE
					120000						120000		LF	MILLED RUMBLE STRIPS 	213.10	3357	2749 TON	ALBURGH	
					12500						12500		TON	AGGREGATE SHOULDERS	402.12	262	4683 TON	NORTH HERO	
					1						1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	3128 TON	GRAND ISLE	
					55000						55000		LB	BITUMINOUS CRACK SEALING, "BLOW AND GO" METHOD (AASHTO M 234 (ASTM D 6690) TYPE II)	417.20		832 TON	SOUTH HERO	
					12000						12000		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	149	11391 TON	TOTAL LEVELING	
					1						1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-			WEARING COURSE
						325					325		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	25	102 TON	BEAR TRAP RD.	
						100					100		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.	104 TON	CLAY POINT RD.	
									4		4		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-	108 TON	RAYMOND RD.	
					2						2		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-	115 TON	JASPER MINE RD.	
					100						100		HR	POWER GRADER RENTAL	608.15	EST.	431 TON	TOTAL WEARING COURSE	
					700						700		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.	11822 TON	PROJECT SUBTOTAL	
					200						200		HR	POWER BROOM RENTAL, TYPE II	608.31	EST.	178 TON	ROUNDING	
					200						200		HR	TRUCK RENTAL	608.37	EST.	12000 TON	PROJECT TOTAL	
					1						1		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-			
					3000						3000		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
					4000						4000		HR	FLAGGERS	630.15	EST.			
							0.5				0.5		LS	FIELD OFFICE, ENGINEERS	631.10	-			
							0.5				0.5		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
							1500				1500		DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-			
					0.5						0.5		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
					1						1		LS	TRAFFIC CONTROL (STP SURF (36))	641.10	-			
					6						6		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
					358000						358000		LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	1761			
					352000						352000		LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	1857			
					1000						1000		LF	DURABLE 6 INCH WHITE LINE, POLYUREA	646.424	203			
					300						300		LF	DURABLE 6 INCH YELLOW LINE, POLYUREA	646.434	143			
					3200						3200		LF	DURABLE 8 INCH WHITE LINE, POLYUREA	646.444	121			
					300						300		LF	DURABLE 8 INCH YELLOW LINE, POLYUREA	646.454	86			
					1500						1500		LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	110			
					440						440		EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	10			
					200						200		LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	62			
					358000						358000		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	1761			
					352000						352000		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	1857			
					1000						1000		LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	202			
					300						300		LF	TEMPORARY 6 INCH YELLOW LINE, PAINT	646.632	143			
					3200						3200		LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	121			

 REVISED 6/7/13

PROJECT NAME: ALBURGH-COLCHESTER

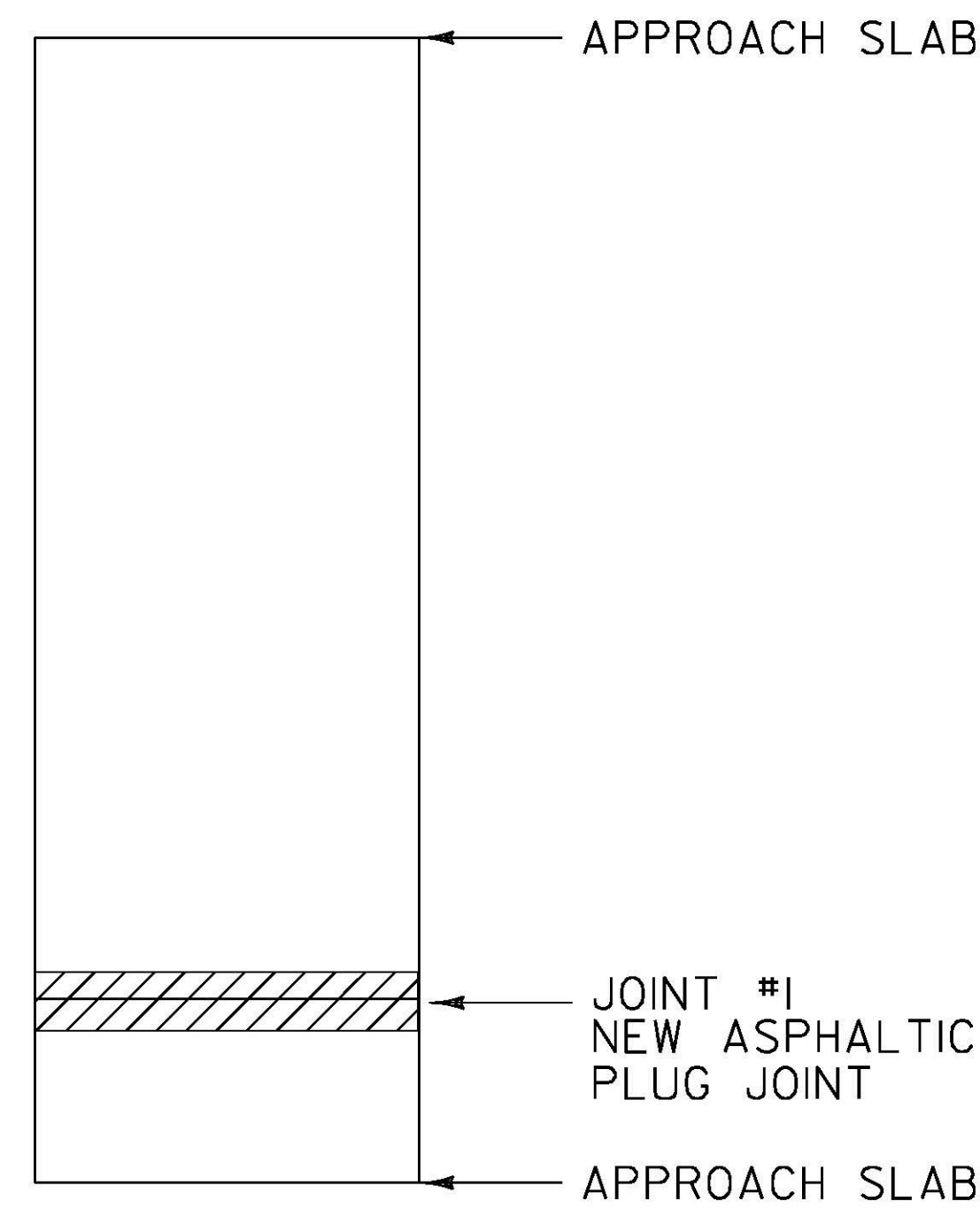
PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322..DGN
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
I2b322qs0L1

PLOT DATE: 10-JUN-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 29 OF 70

QUANTITY SHEET 2

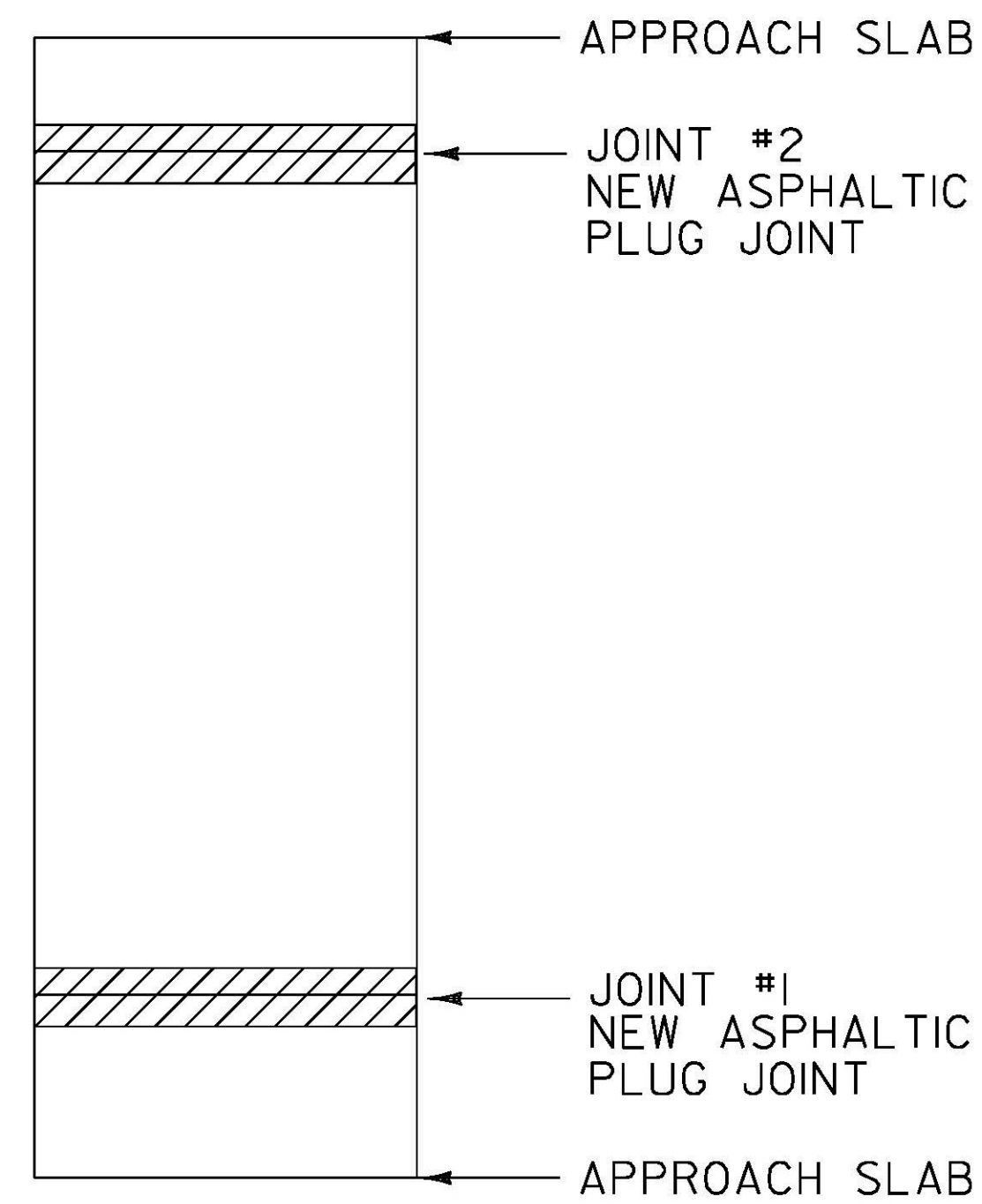
 REVISED 6/7/13  REVISED 6/7/13	PROJECT NAME: ALBURGH-COLCHESTER
	PROJECT NUMBER: STP SURF(36)
	FILE NAME: I2b322..DGN PROJECT LEADER: FOWLER DESIGNED BY: PVT. MGT. I2b322qs02.i PLOT DATE: 10-JUN-2013 DRAWN BY: PVT. MGT. CHECKED BY: PVT. MGT. SHEET 30 OF 70



BRIDGE 5

COLD PLANE 1", PAVE W/ THIN
BITUMINOUS SURFACE TREATMENT
LENGTH OF ASPHALTIC PLUG JOINT:
JOINT #1- 32' (N. HERO MM 0.070)

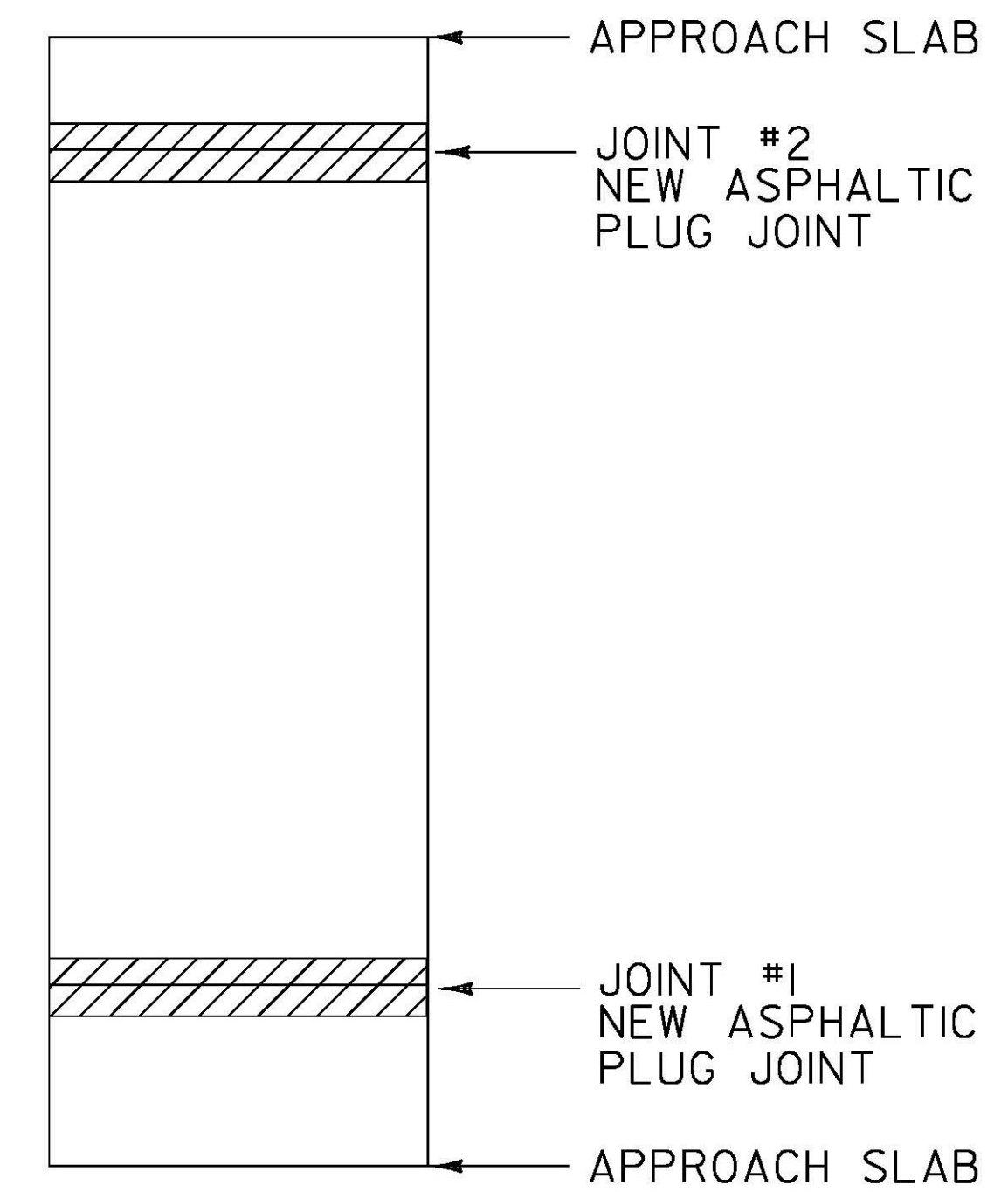
TOTAL = 32'



BRIDGE 8

COLD PLANE 1", PAVE W/THIN
BITUMINOUS SURFACE TREATMENT
LENGTH OF ASPHALTIC PLUG JOINT:
JOINT #1- 30' (N. HERO MM 9.356)
JOINT #2- 30' (G. ISLE MM 0.040)

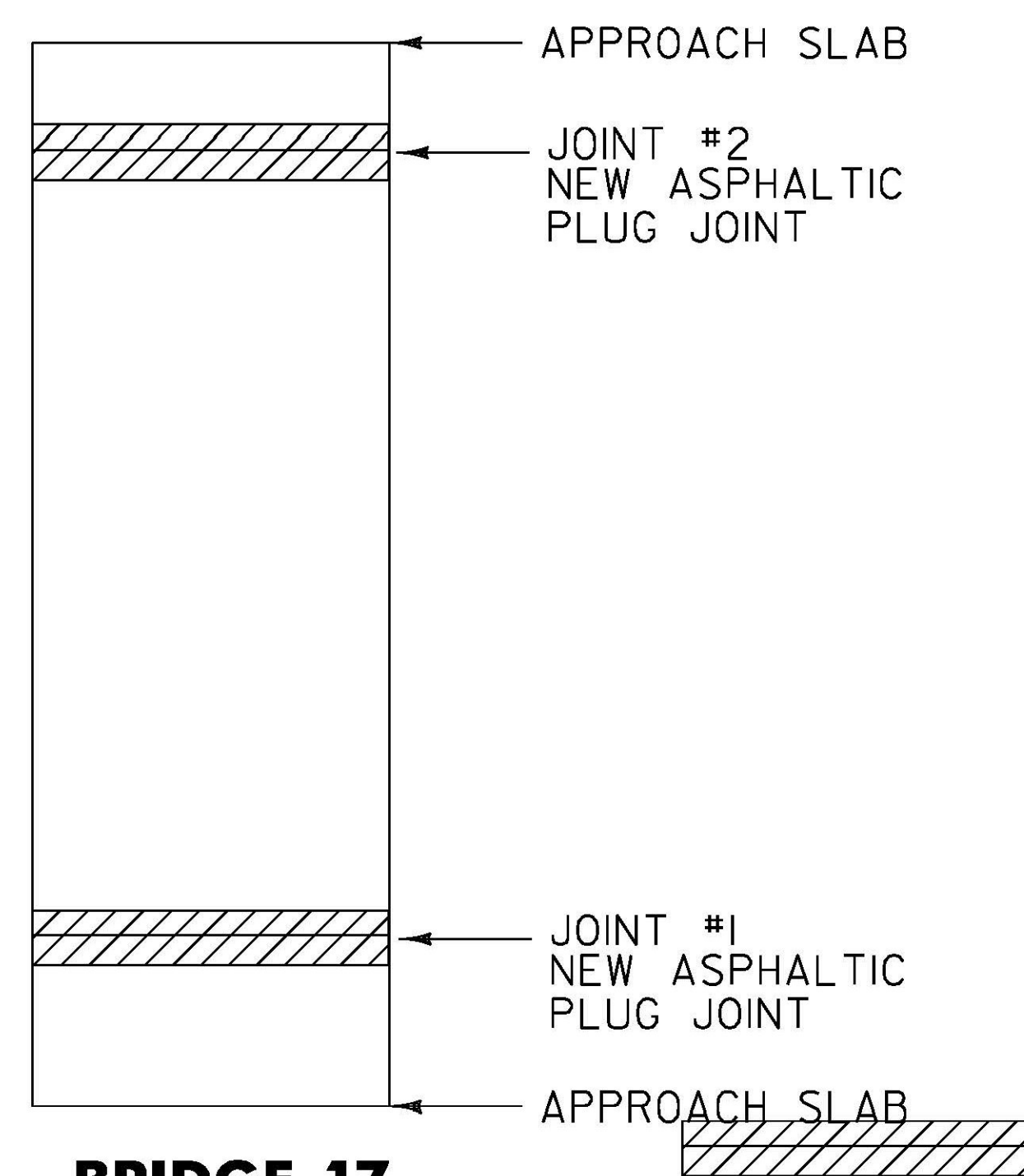
TOTAL = 60'



BRIDGE 14

COLD PLANE 1", PAVE W/THIN
BITUMINOUS SURFACE TREATMENT
LENGTH OF ASPHALTIC PLUG JOINT:
JOINT #1- 32' (S. HERO MM 5.783)
JOINT #2 - 32' (MILTON MM 0.015)

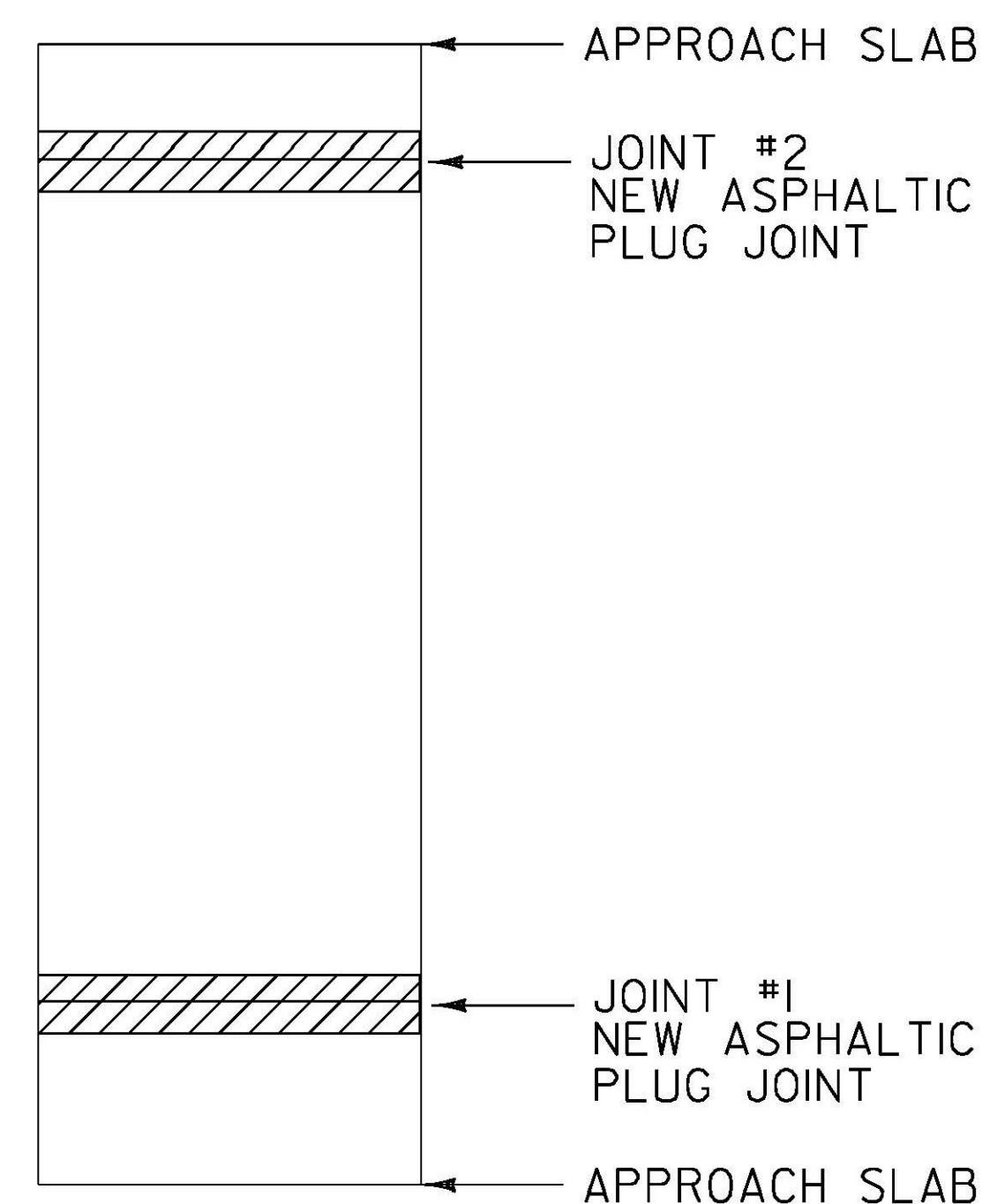
TOTAL = 64'



BRIDGE 17

COLD PLANE 1", PAVE W/ THIN
BITUMINOUS SURFACE TREATMENT
LENGTH OF ASPHALTIC PLUG JOINT:
JOINT #1- 32' (MILTON MM 3.660)
JOINT #2 - 32' (COLCHESTER MM 0.040)

TOTAL = 64'

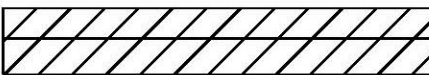


BRIDGE 18A

COLD PLANE 1", PAVE W/ THIN
BITUMINOUS SURFACE TREATMENT
LENGTH OF ASPHALTIC PLUG JOINT:
JOINT #1- 40' (COLCHESTER MM 1.990)
JOINT #2 - 40' (COLCHESTER MM 2.035)

TOTAL = 80'

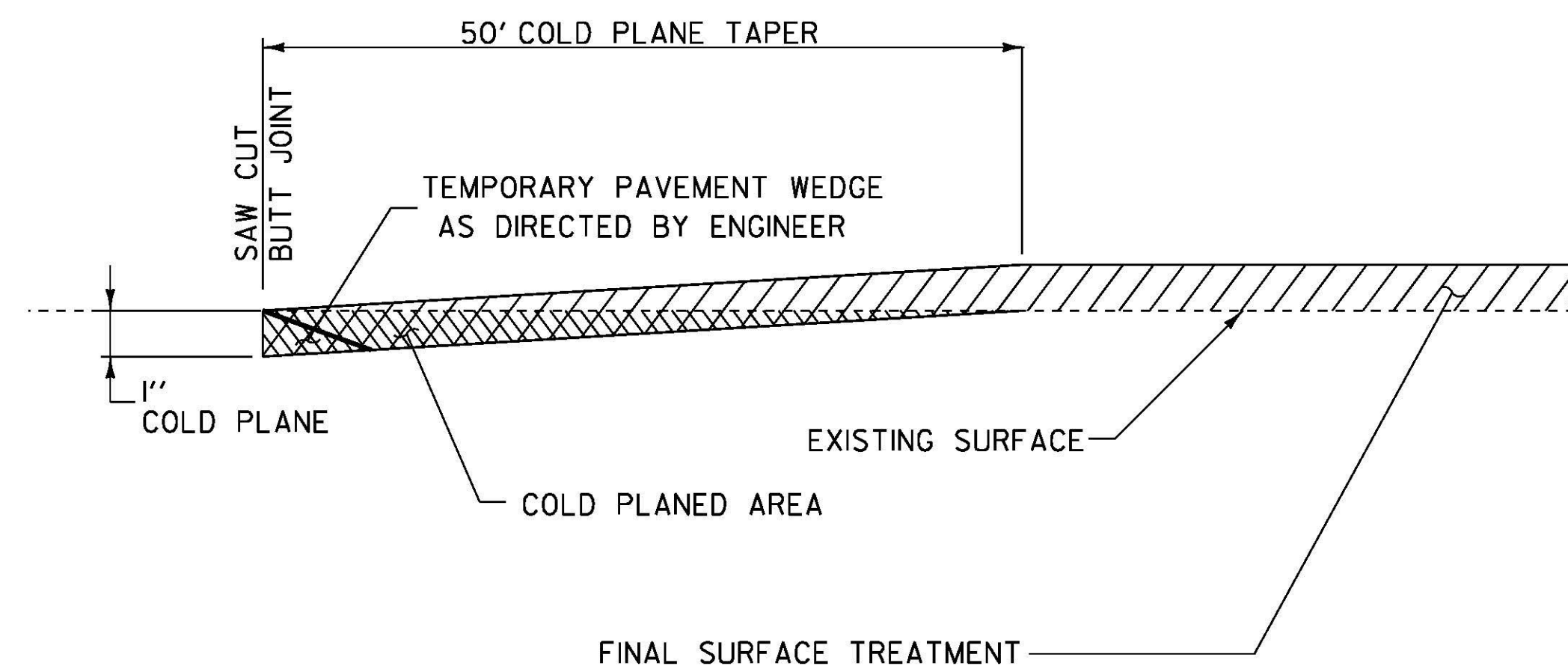
LEGEND

 EXISTING BRIDGE JOINTS TO BE
REPAIRED WITH ASPHALTIC PLUG JOINT

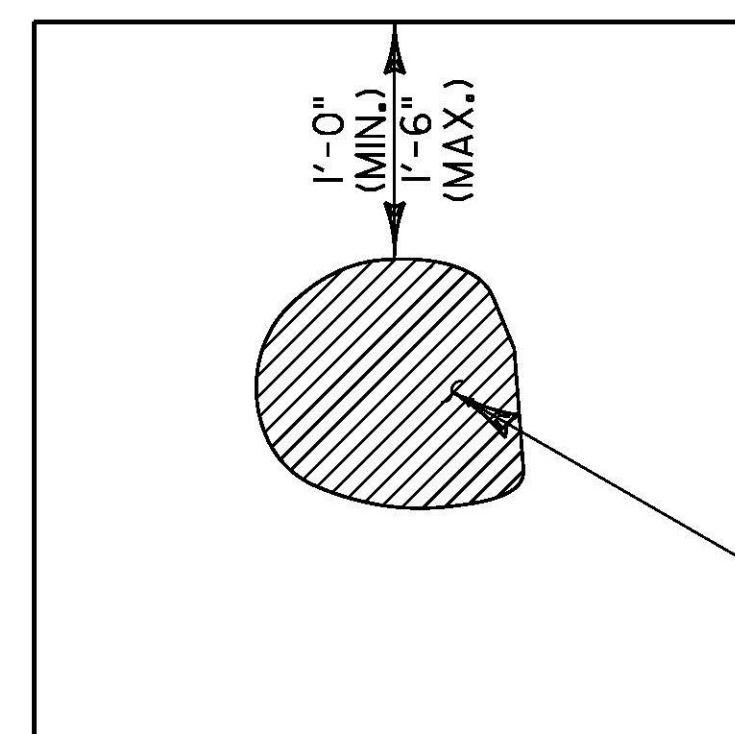
BRIDGE DETAIL SHEET

PROJECT NAME:	ALBURGH - COLCHESTER	
PROJECT NUMBER:	STP SURF (36)	
FILE NAME: I2b032\ I2b032.dgn	PLOT DATE: 25-APR-2013	
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.	
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.	
IPARM FILE NAME: I2b322br01.i	SHEET 31	OF 70

NOT TO SCALE



COLD PLANE DETAIL AT BEGIN/END PROJECT

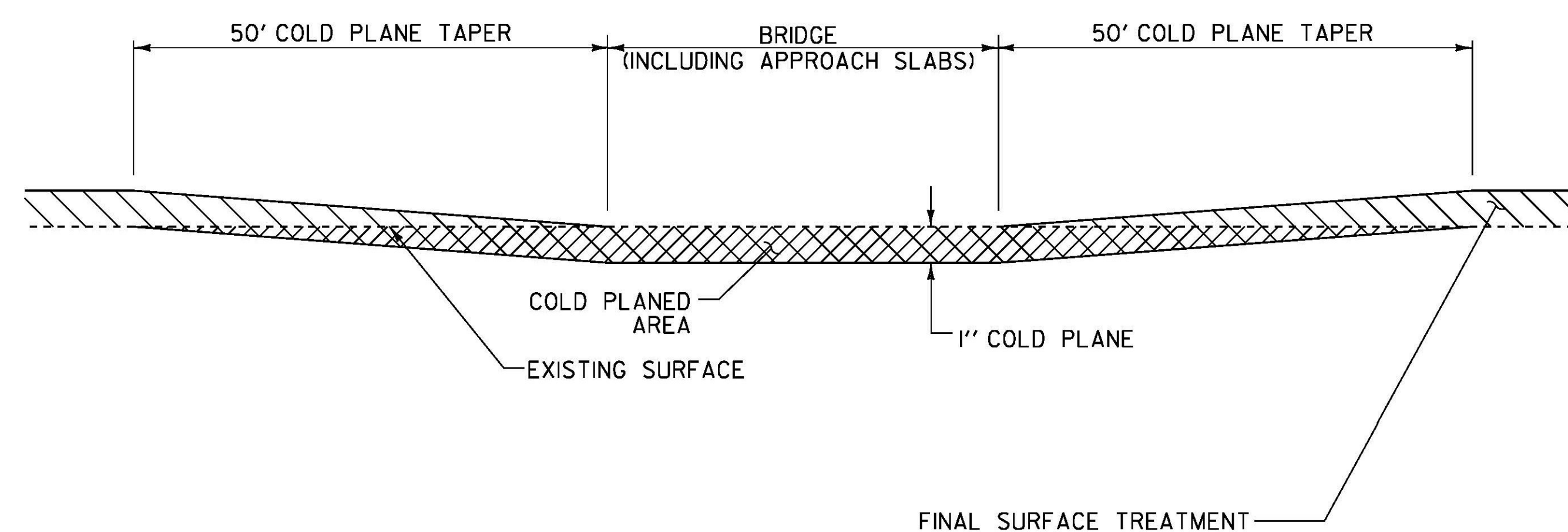


TYPICAL - POT HOLE REPAIR
NOT TO SCALE

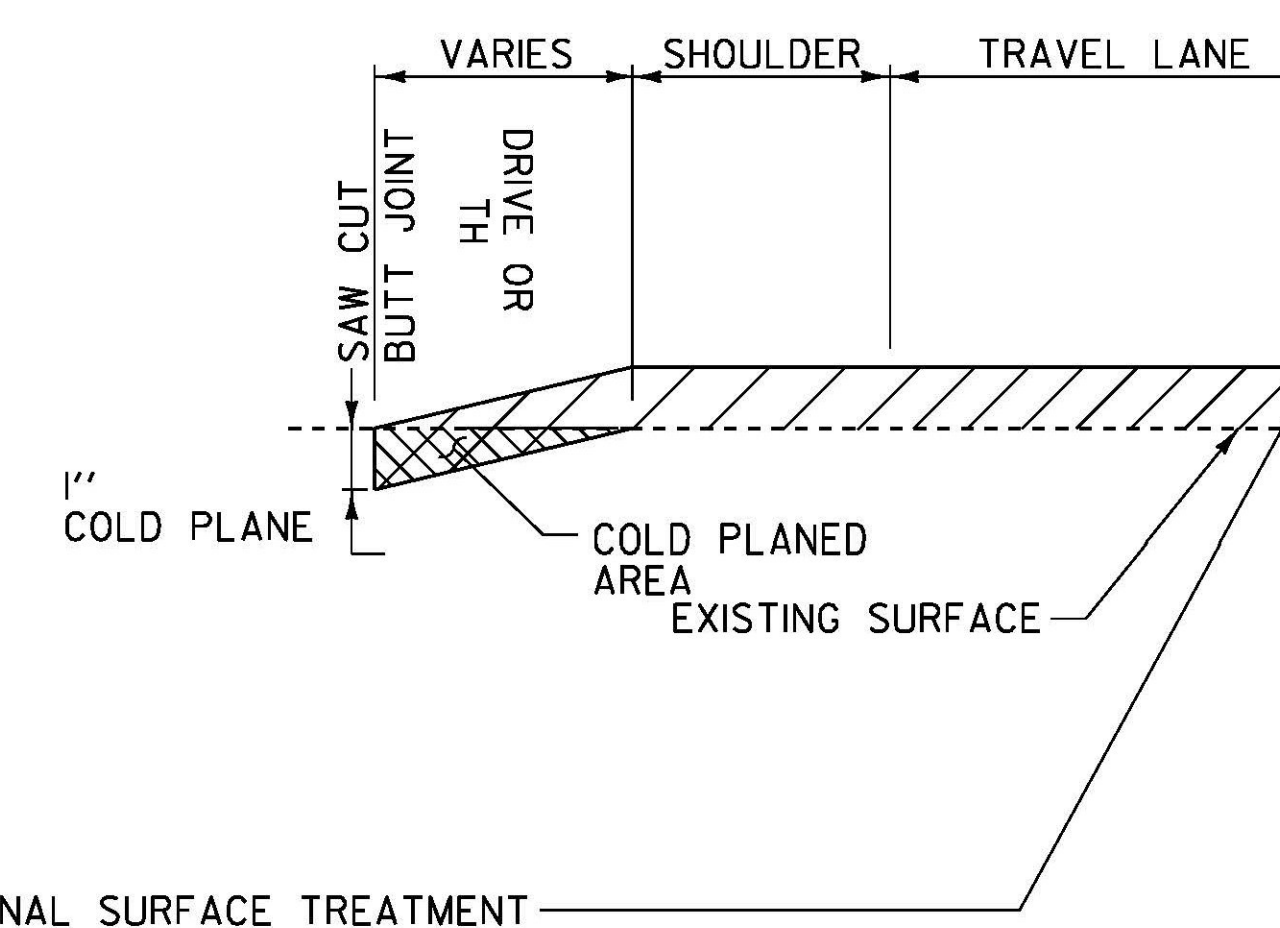
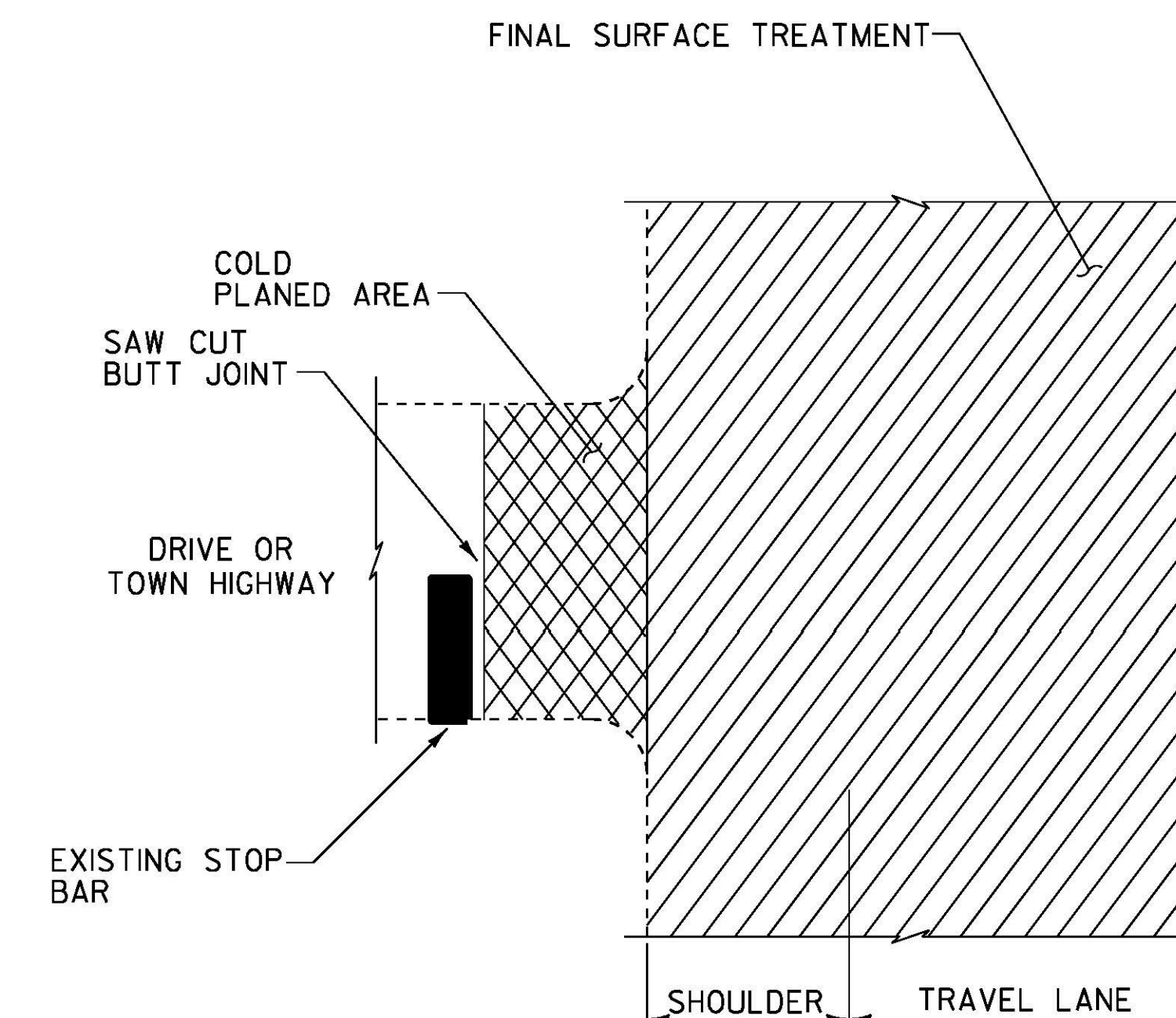
SAW CUT BITUMINOUS
CONCRETE PAVEMENT

EMULSIFIED ASPHALT SHALL BE APPLIED AT ALL PATCH INTERFACES AT A RATE OF 0.25 - 0.50 GAL/SY. EMULSIFIED ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 404 AND WILL BE CONSIDERED INCIDENTAL TO THE PATCHING MATERIAL.

EXISTING POT HOLE
3/4" MIN. DEPTH



BRIDGE COLD PLANE DETAIL



COLD PLANE DETAILS AT DRIVES & TOWN HIGHWAYS

**COLD PLANE
DETAIL
SHEET**

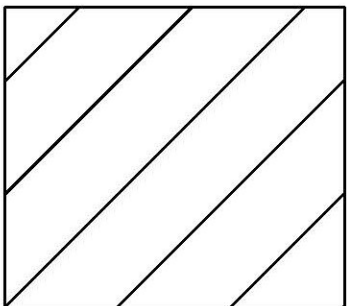
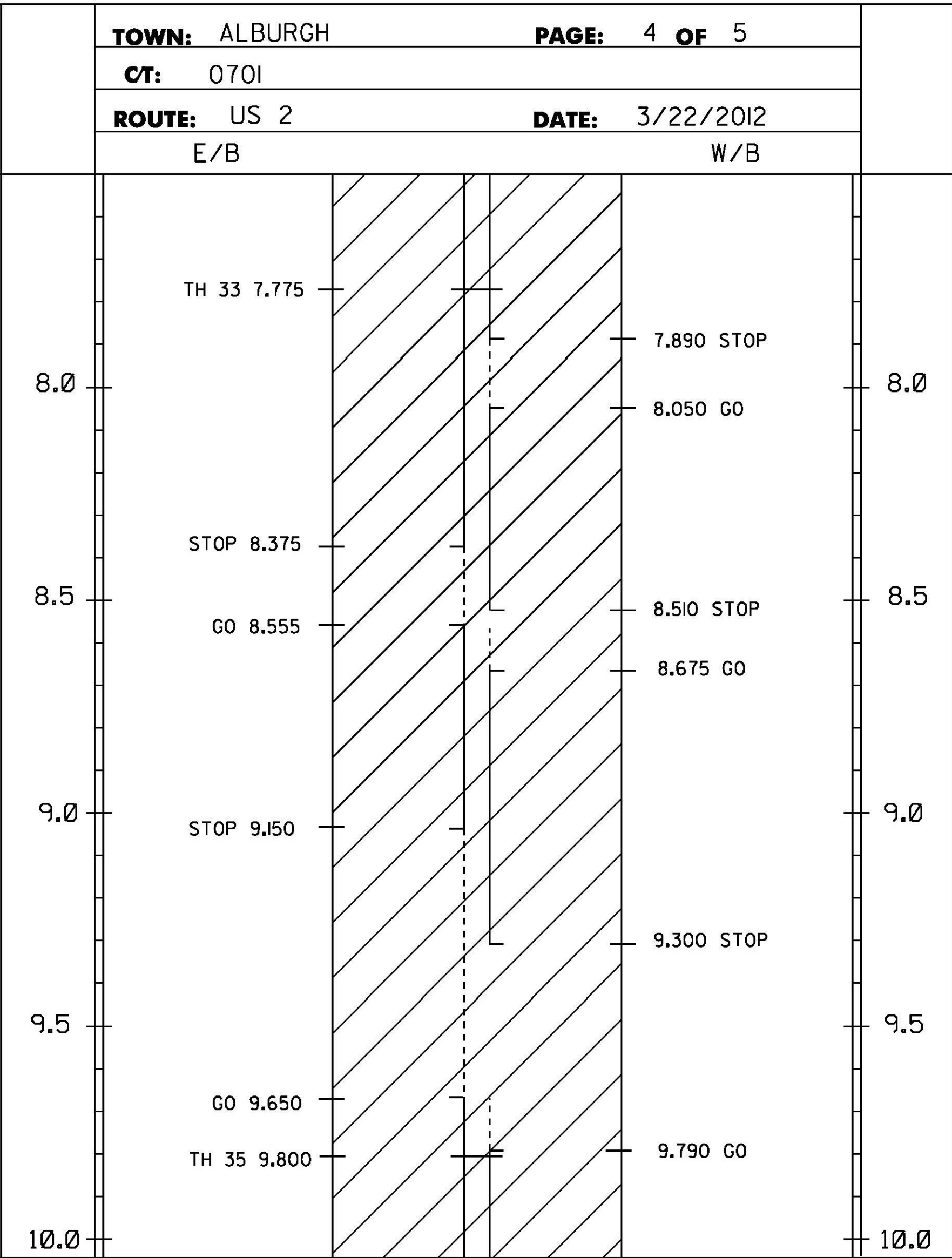
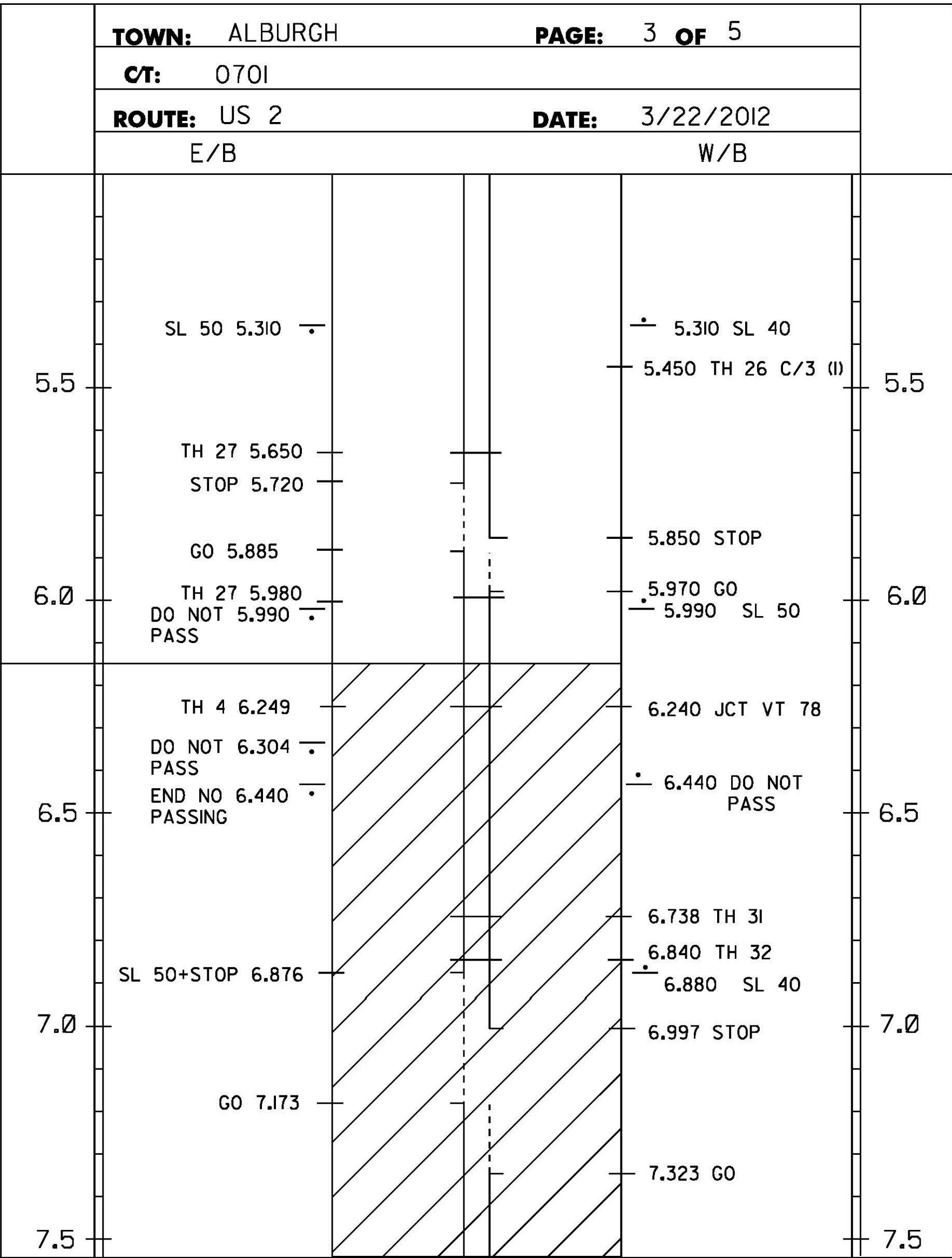
PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF (36)

FILE NAME: I2b322\ I2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
IPARM FILE NAME: I2b322d101.I

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 32 OF 70

NOT TO SCALE

MM 6.263
BEGIN PROJECT
STP SURF(36)



PROJECT AREA

LEGEND

TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

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

NOT TO SCALE

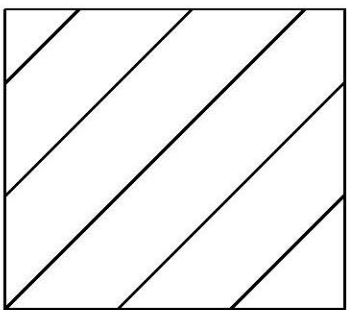
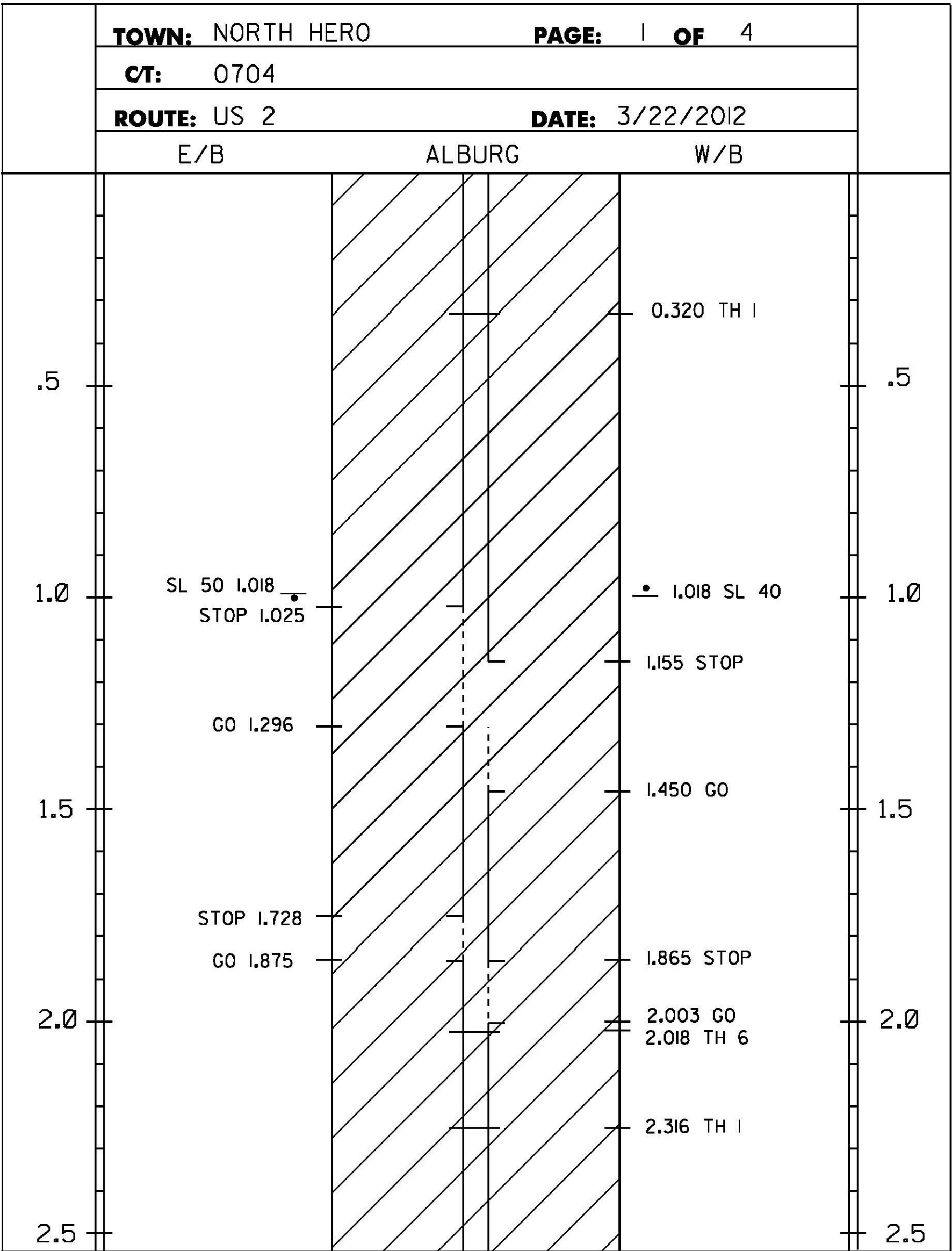
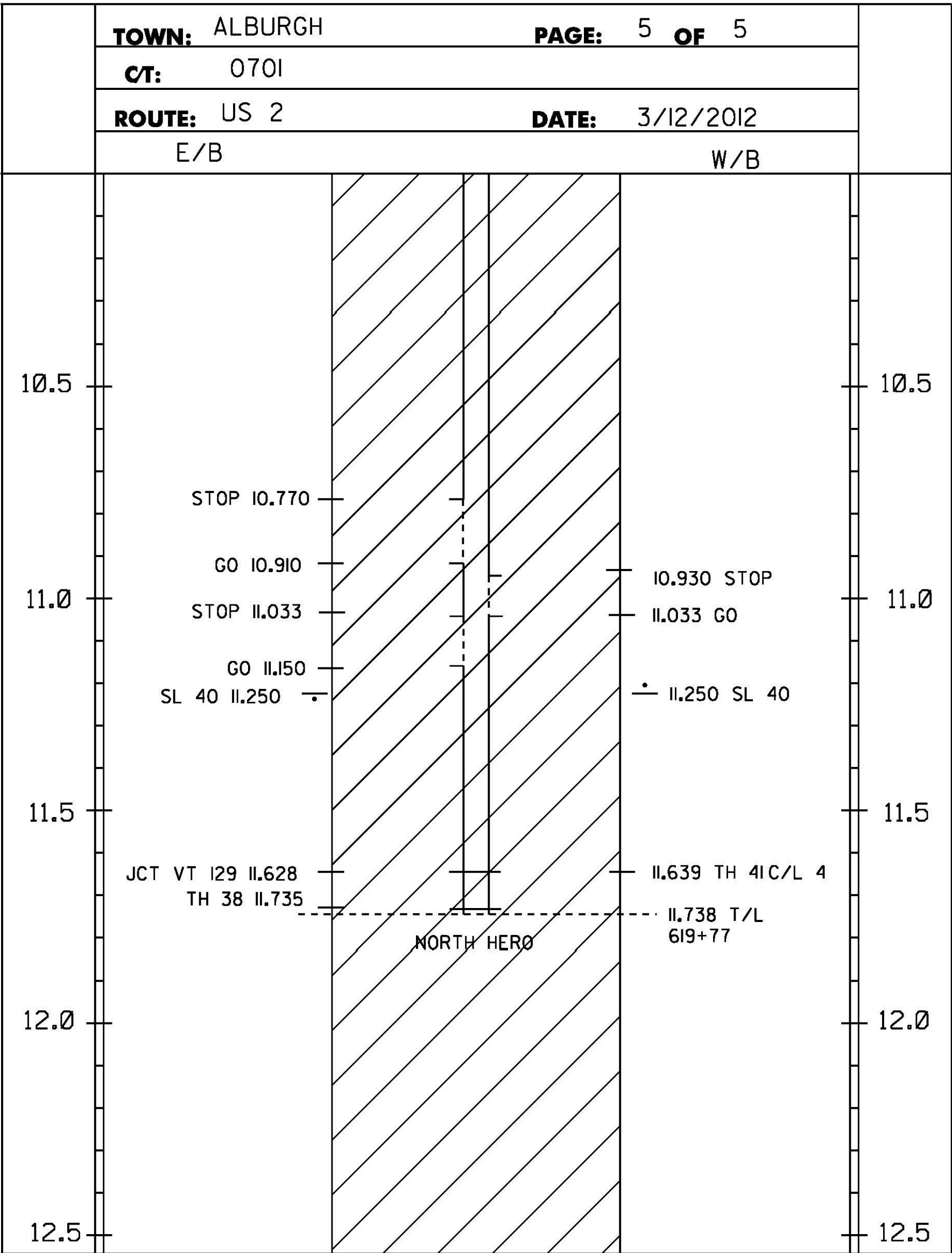
CENTERLINE
MARKING
DETAIL
SHEET 1

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
I2b322md01.i

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 33 OF 70



PROJECT AREA

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

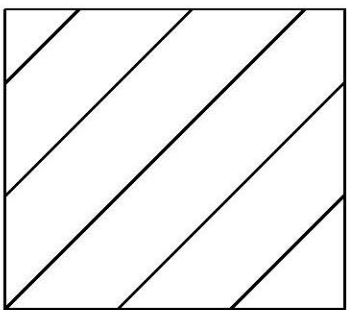
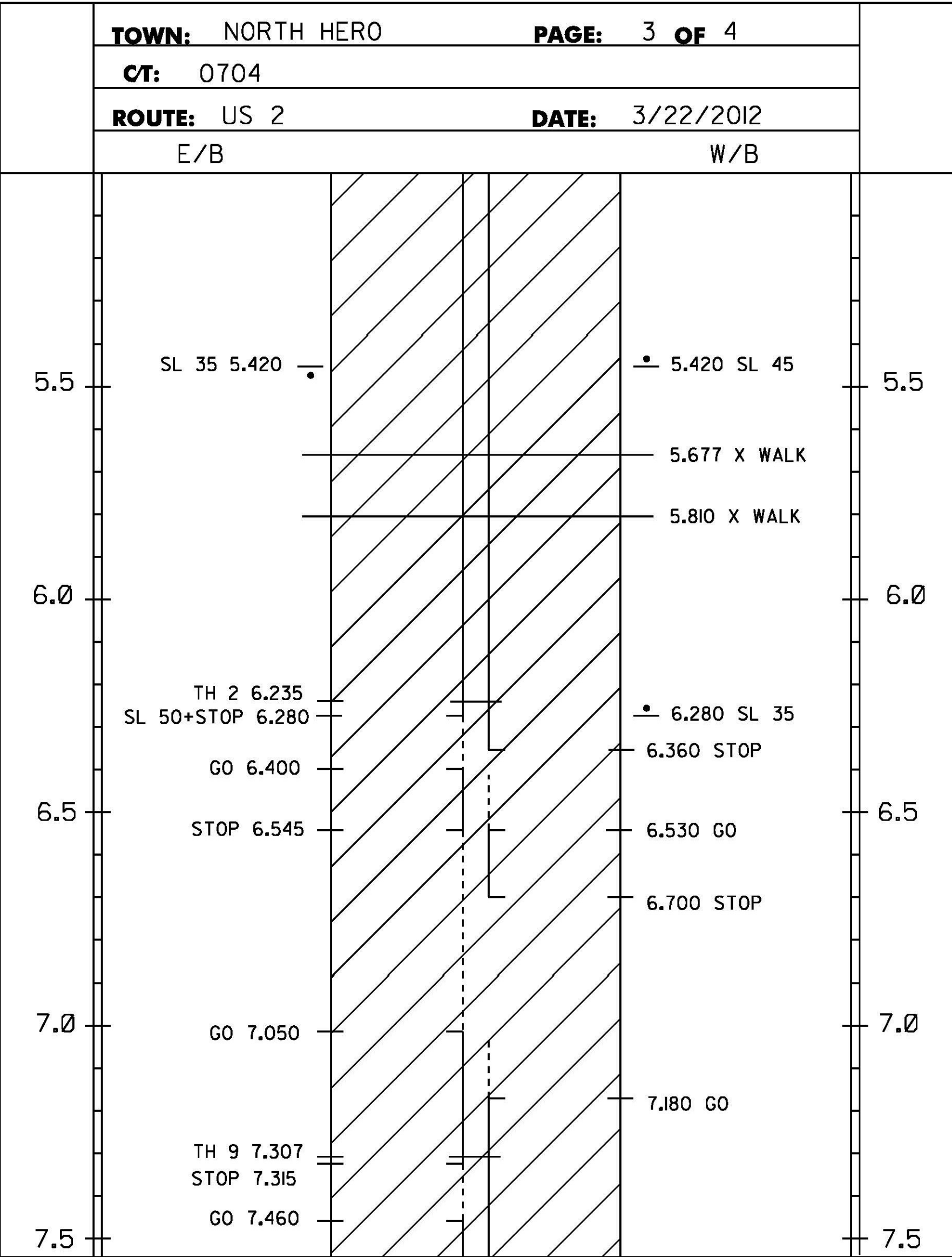
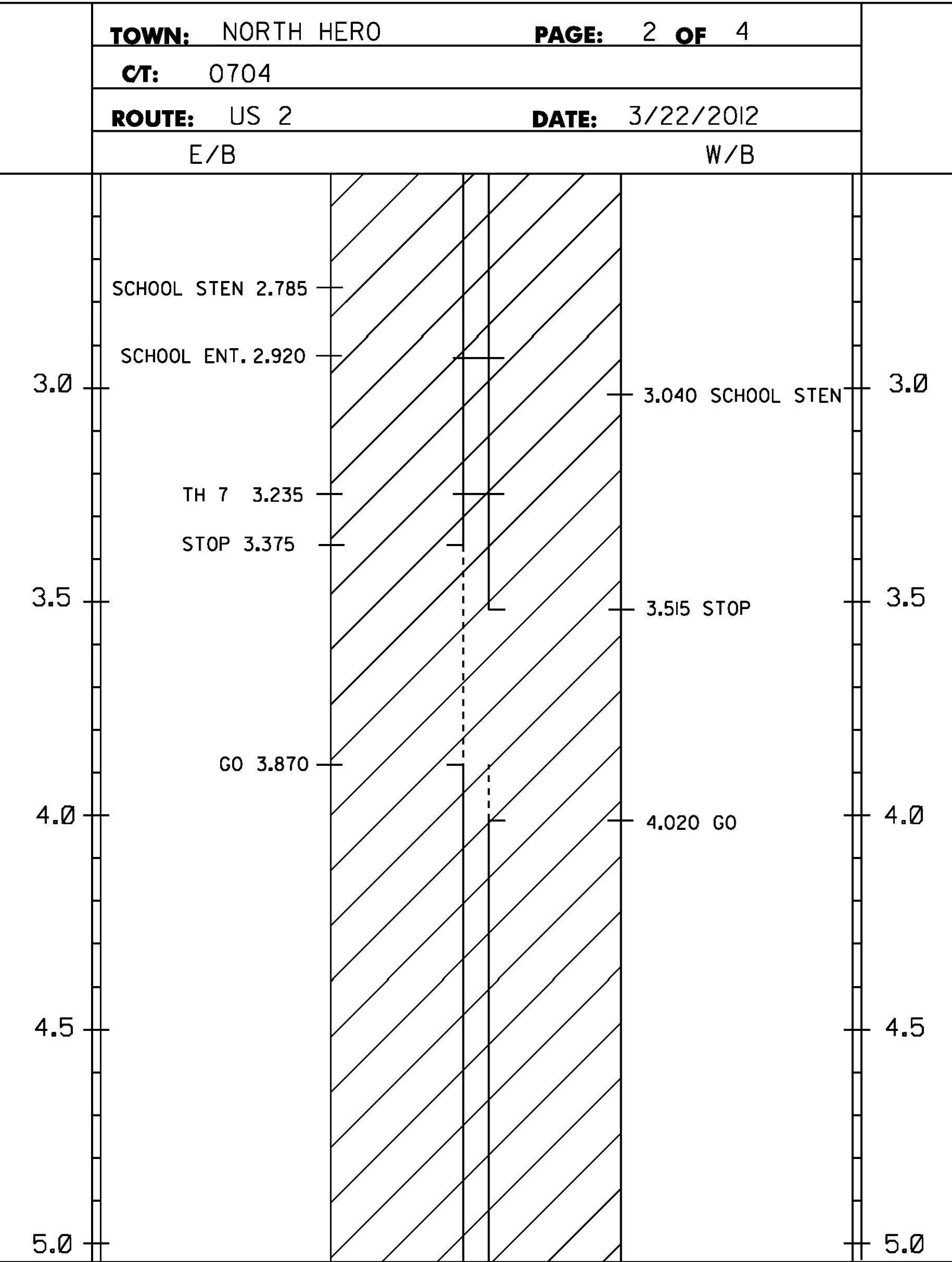
LEGEND

TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

**CENTERLINE
MARKING
DETAIL
SHEET 2**

NOT TO SCALE

PROJECT NAME:	ALBURGH -COLCHESTER
PROJECT NUMBER:	STP SURF(36)
FILE NAME:	12b322.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PVT. MGT.
12b322md02.1	
PLOT DATE:	25-APR-2013
DRAWN BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
SHEET	34 OF 70



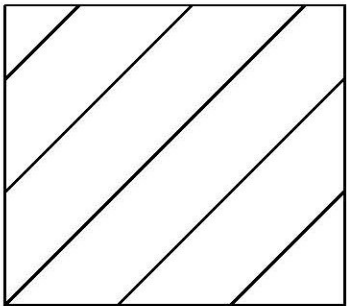
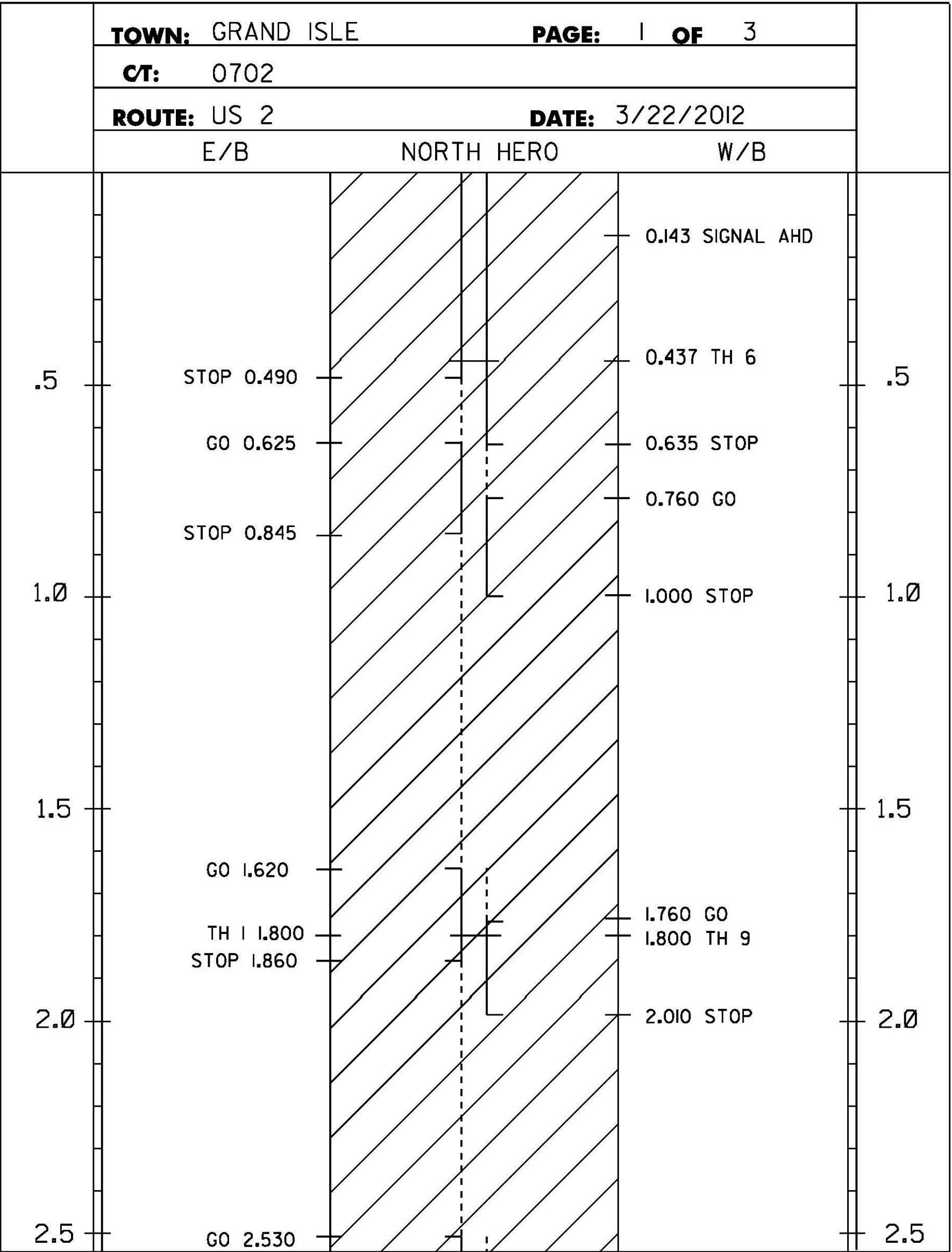
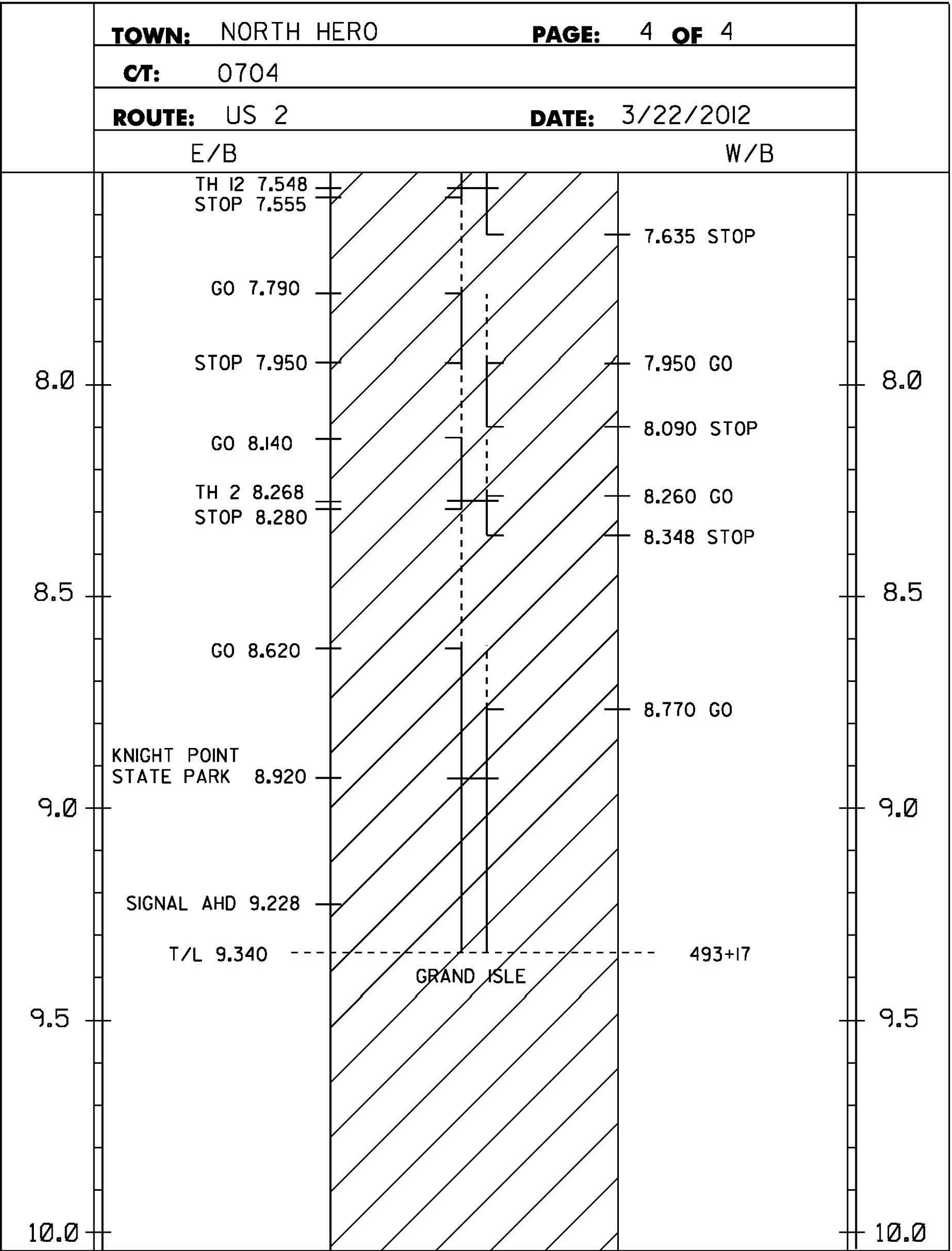
PROJECT AREA

LEGEND

TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

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

NOT TO SCALE	
CENTERLINE MARKING DETAIL SHEET 3	
PROJECT NAME: ALBURGH-COLCHESTER	
PROJECT NUMBER: STP SURF(36)	
FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
I2b322md03.1	SHEET 35 OF 70



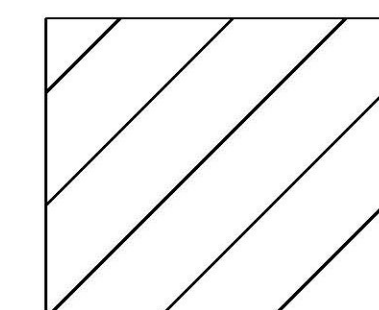
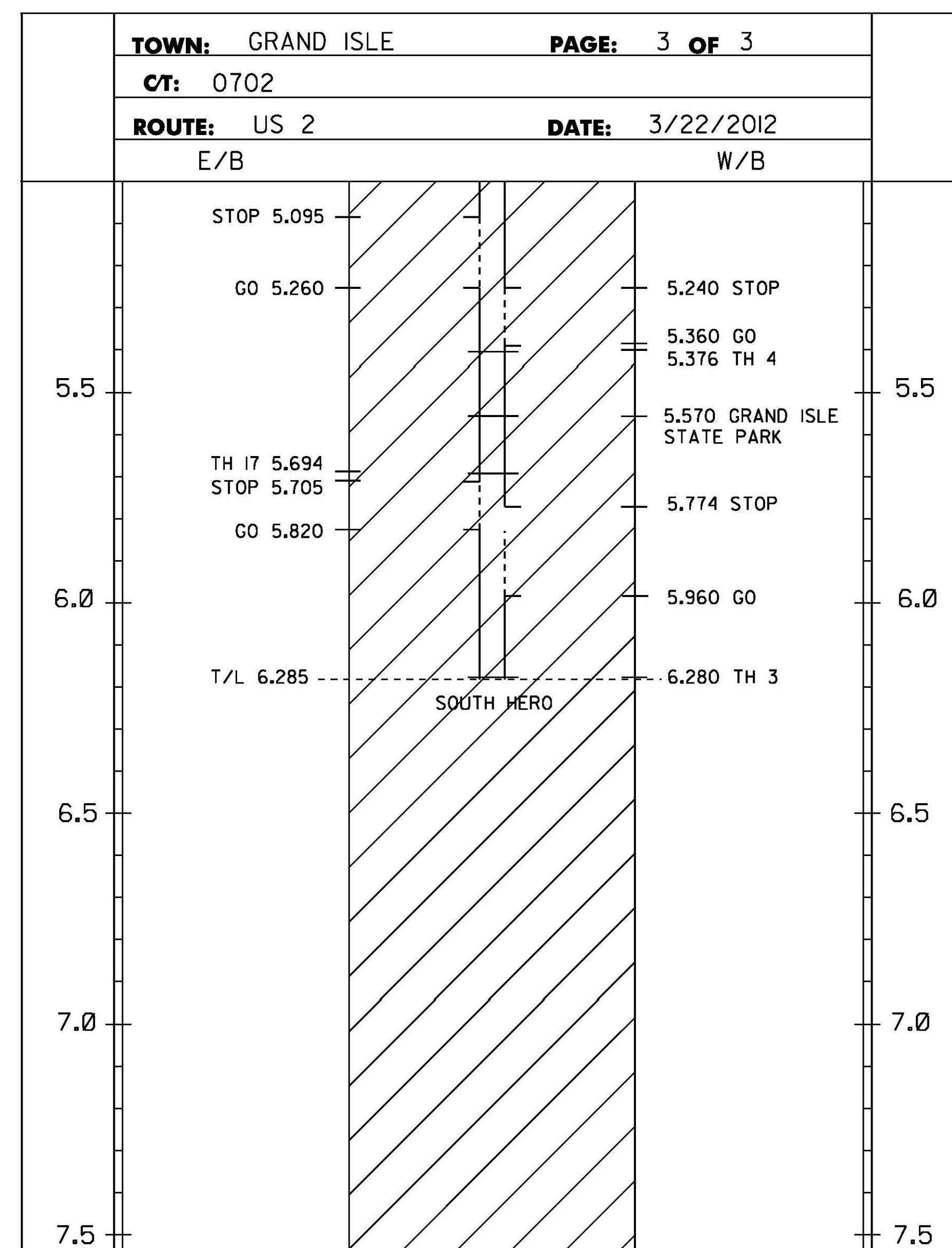
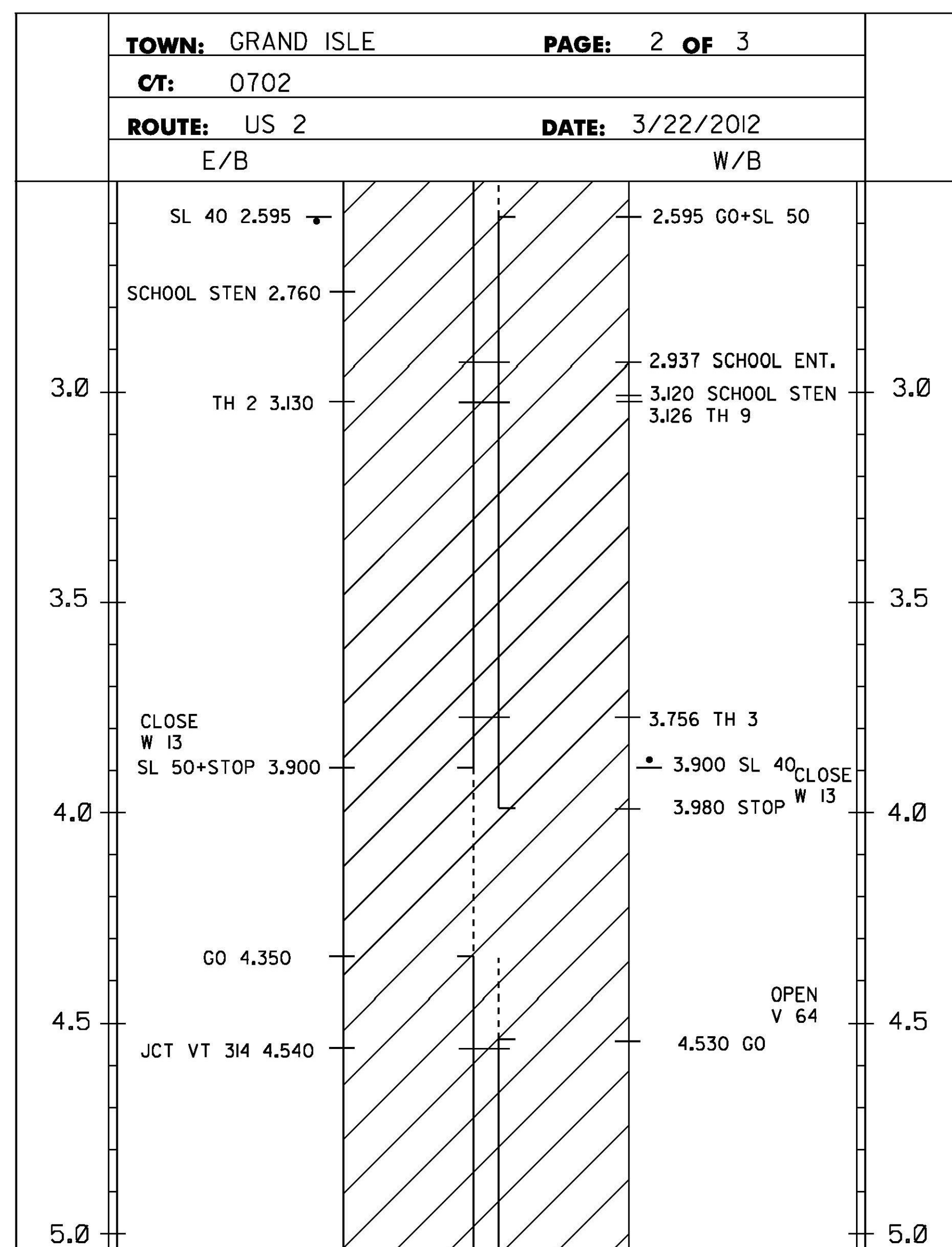
PROJECT AREA

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

LEGEND

TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

NOT TO SCALE CENTERLINE MARKING DETAIL SHEET 4	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
	PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
	DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
	I2b322md04.1	SHEET 36 OF 70



PROJECT AREA

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

LEGEND

TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

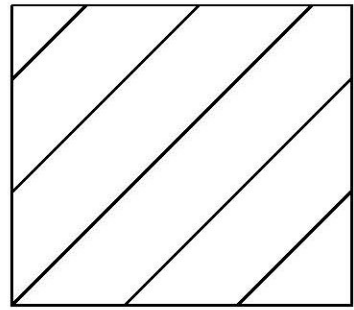
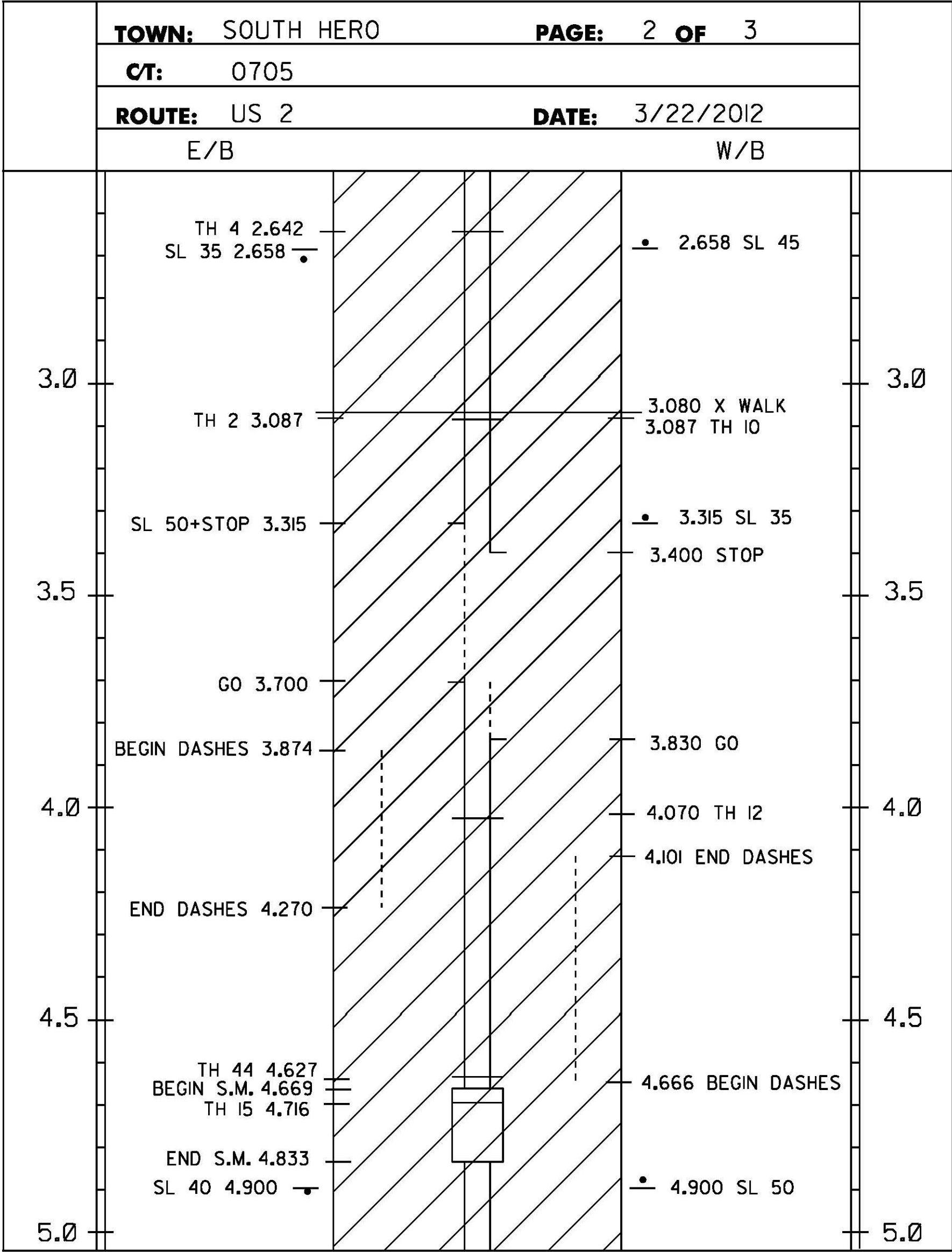
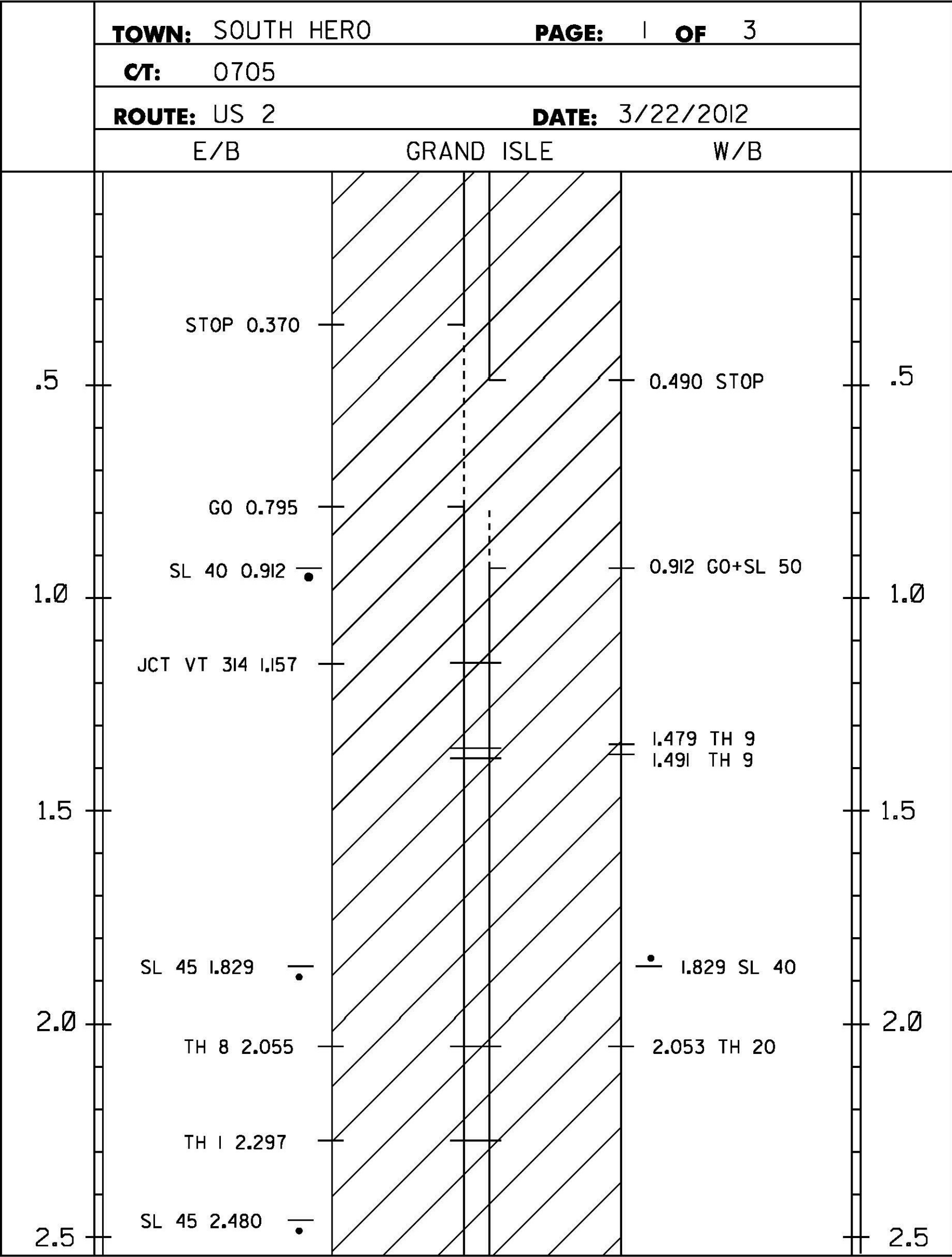
NOT TO SCALE

CENTERLINE
MARKING
DETAIL
SHEET 5

PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
I2b322md05.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 37 OF 70



PROJECT AREA

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

LEGEND

TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

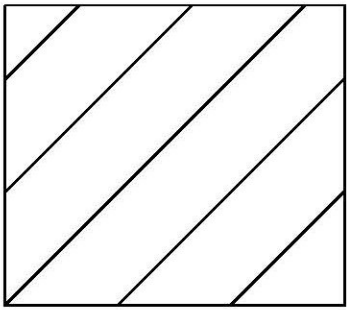
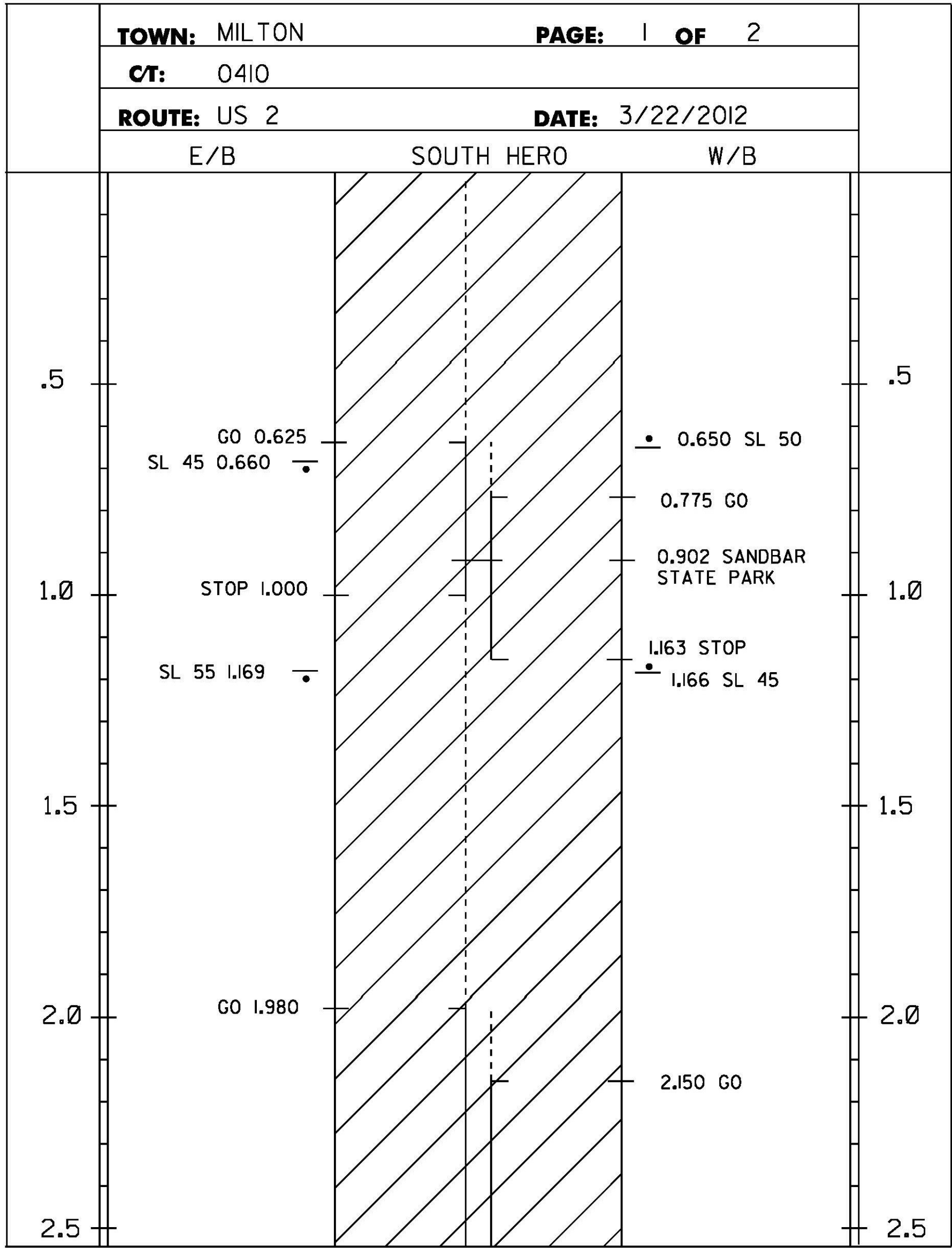
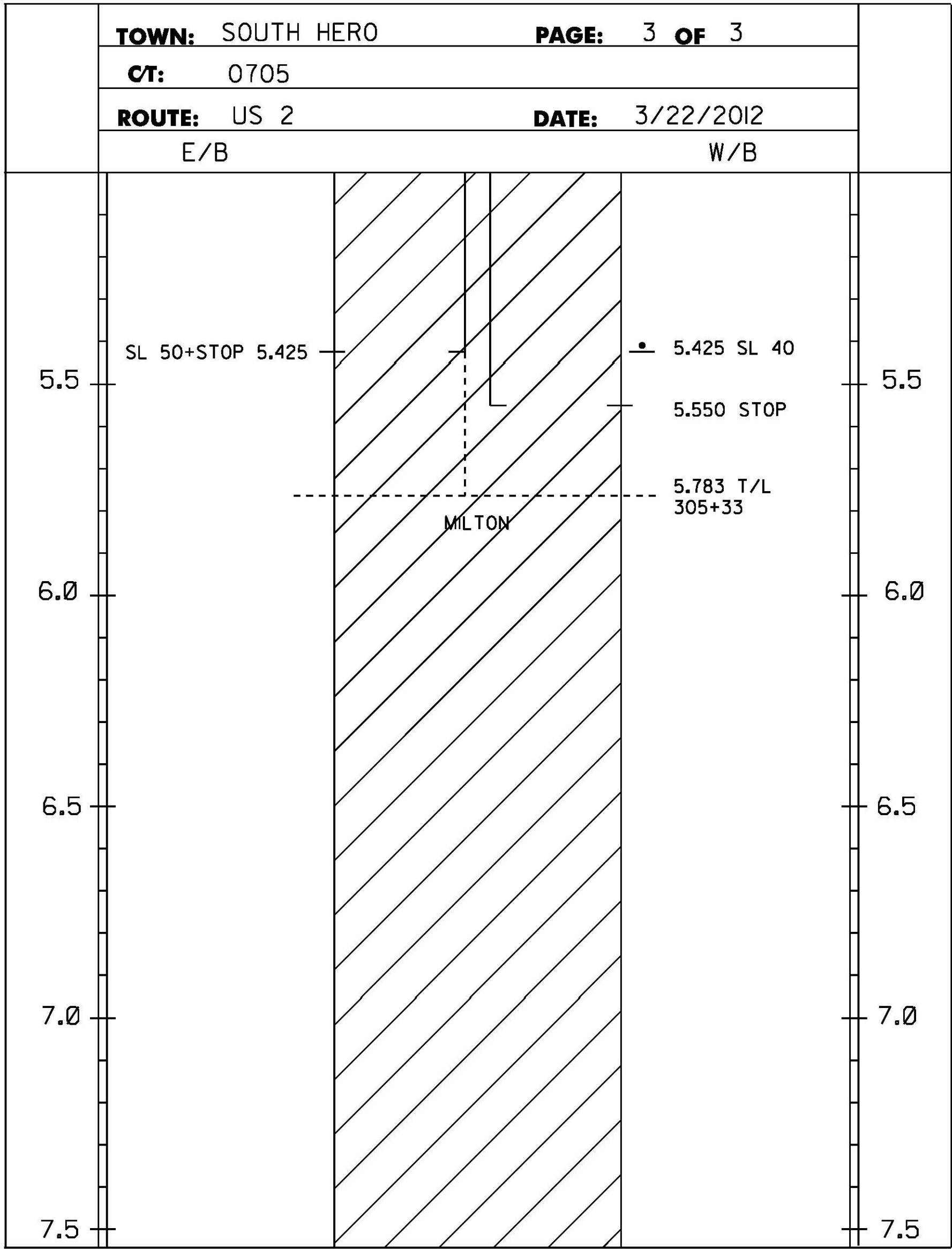
NOT TO SCALE
**CENTERLINE
MARKING
DETAIL
SHEET 6**

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
I2b322md06.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 38 OF 70

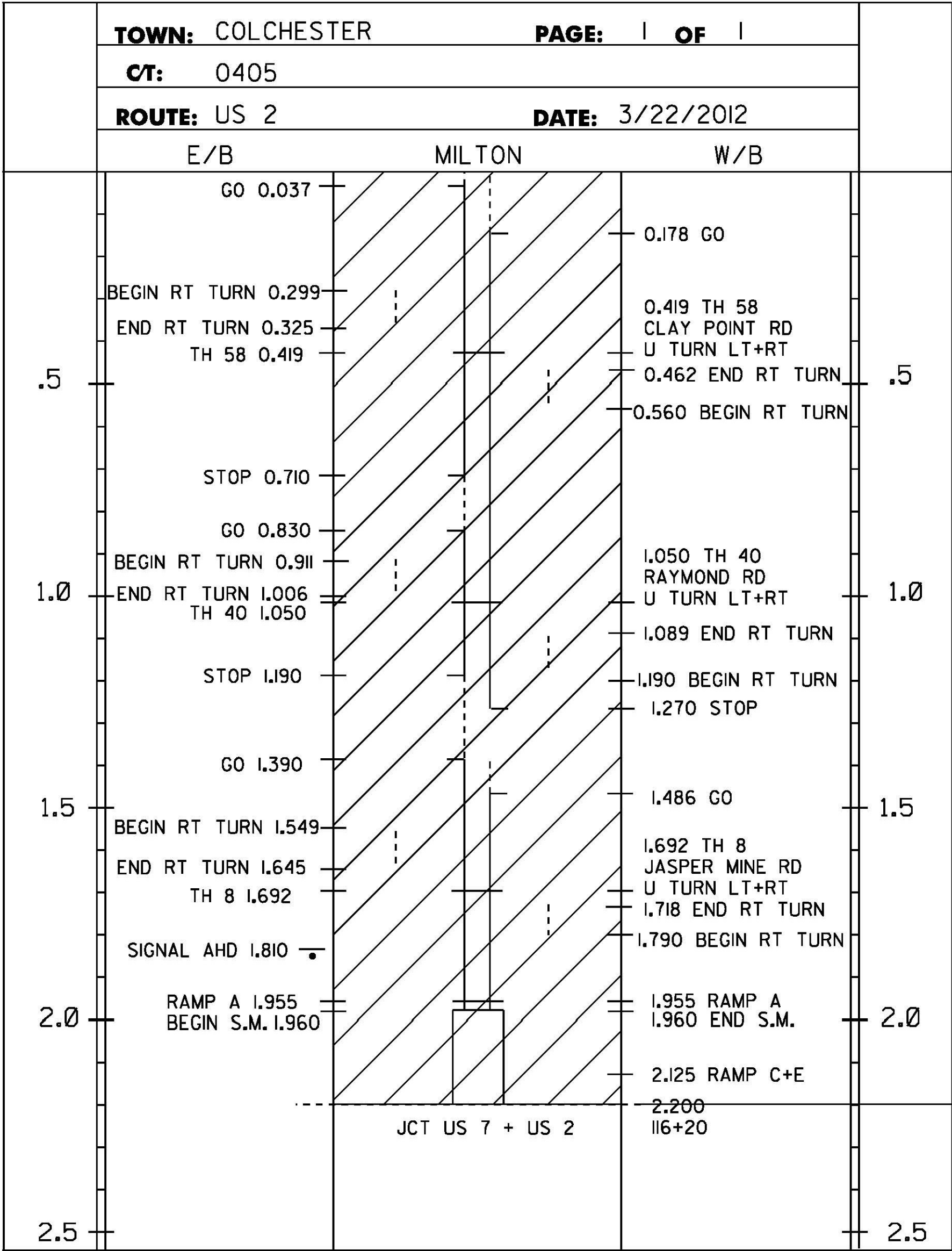
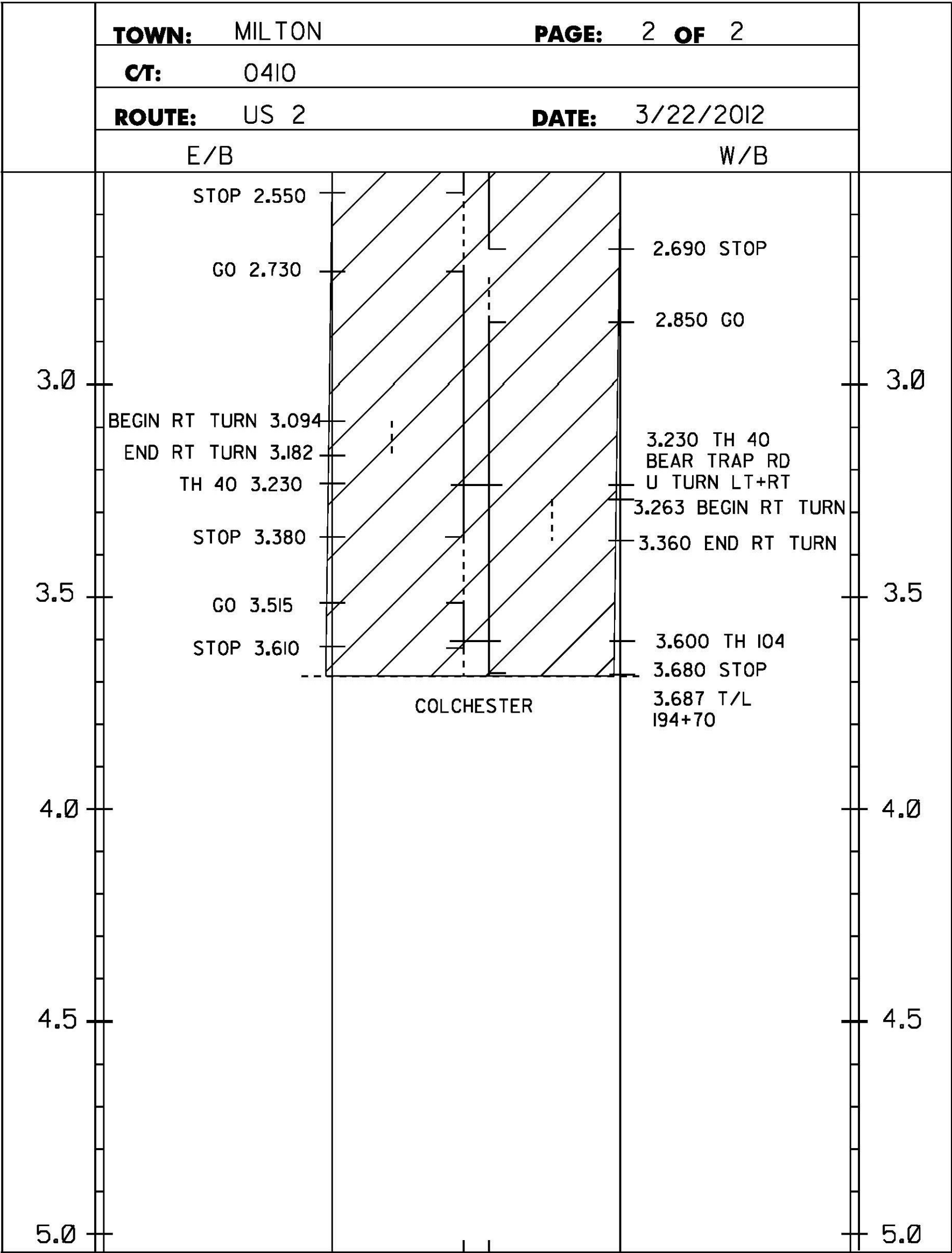


PROJECT AREA

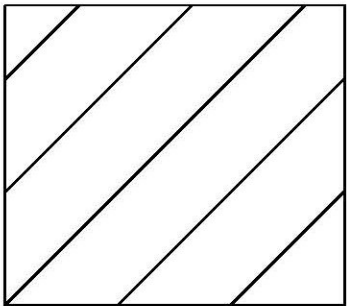
NOTES:
1. THIS SHEET TO BE USED FOR THE LAYOUT OF ALL CENTERLINE PAVEMENT MARKINGS.
THE RESIDENT ENGINEER MAY CONTACT KEITH SWEET, PAVEMENT MARKING SUPERVISOR
AT (802) 828-5573 FOR ASSISTANCE LAYING OUT THE CENTERLINE DURING CONSTRUCTION.

LEGEND
TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

NOT TO SCALE CENTERLINE MARKING DETAIL SHEET 7	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
	PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
	DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
	I2b322md07.1	SHEET 39 OF 70



MM 2.192
END PROJECT
STP SURF(36)



PROJECT AREA

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

LEGEND

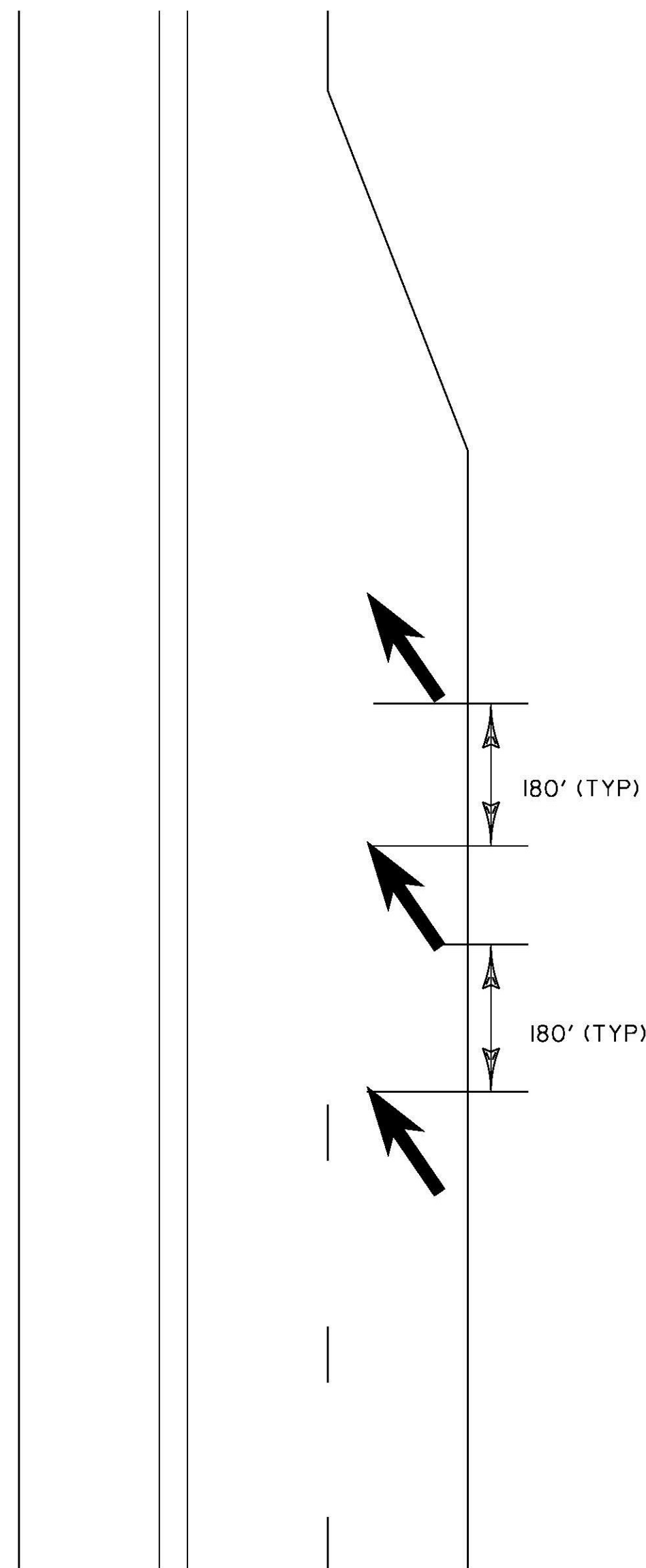
TWBH-THROUGHWAY BEGINS HERE
TWEH-THROUGHWAY ENDS HERE
SHB-STATE HIGHWAY BEGINS
SHE-STATE HIGHWAY ENDS
SL-SPEED LIMIT
C/4 TH- CLASS 4 TOWN HIGHWAY
T/L-TOWN LINE

NOT TO SCALE
**CENTERLINE
MARKING
DETAIL
SHEET 8**

PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF(36)

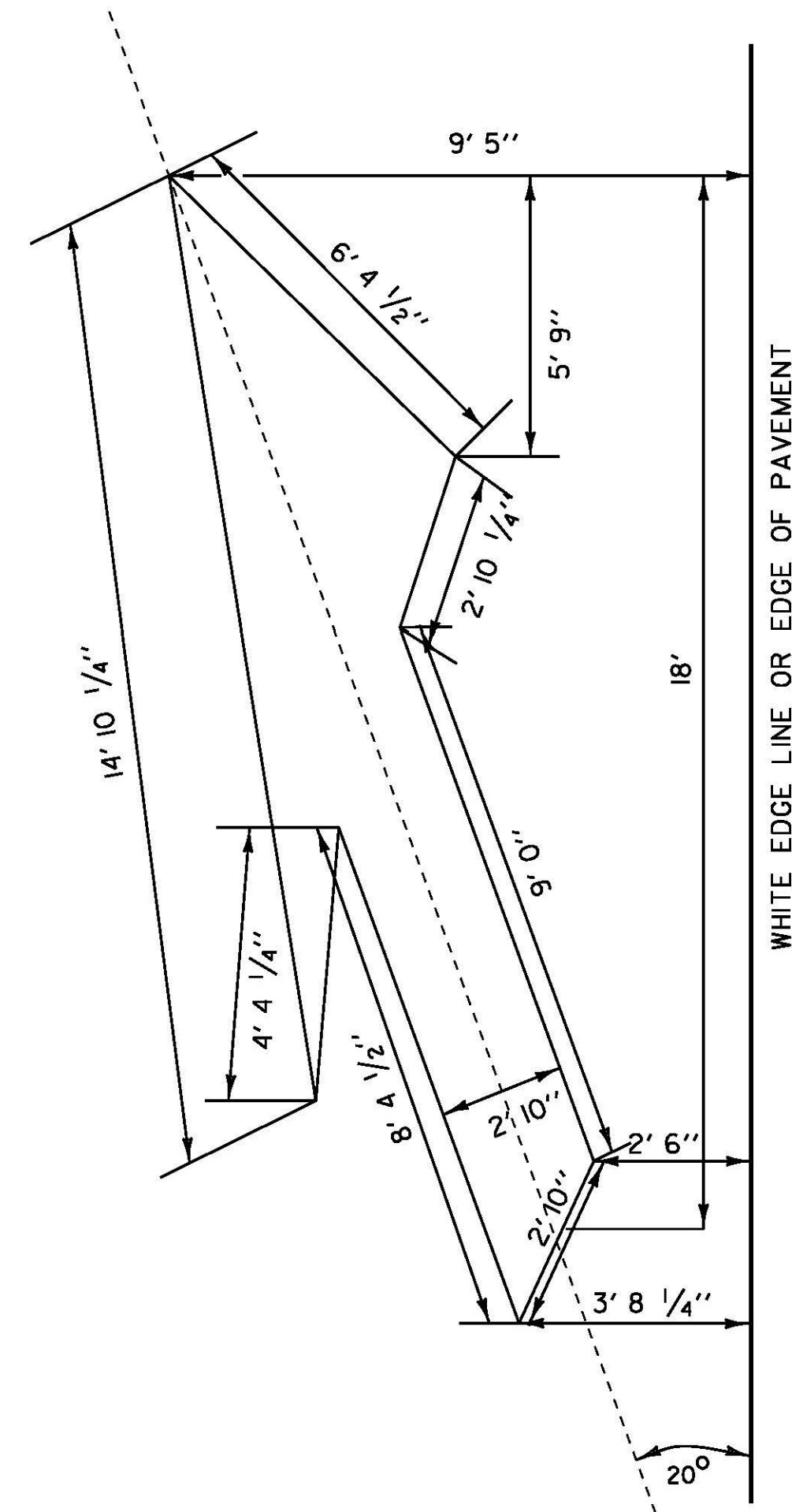
FILE NAME: 12b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
12b322md08.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 40 OF 70



FIRST LANE REDUCTION ARROW SHALL BE PLACED
OPPOSITE THE LAST DASH.
ARROWS TO BE PLACED EVERY 180'(MAX.)
BETWEEN LAST DASH AND BEGINNING OF LANE TAPER.
FOR LEFT LANE USE MIRROR IMAGE.

LANE REDUCTION TRANSITION MARKINGS



LANE DROP ARROW

NOT TO SCALE

**PAVEMENT
MARKING
DETAILS
SHEET**

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: M. FOWLER
DESIGNED BY: PVT. MGT.
I2b322pmd09.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 41 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA

ALBURGH MM 11.712 TO NORTH HERO
MM 0.064 SOLID LT. & RT.
(WITH EDGE LINE BREAK FOR POOR FARM RD)
NORTH HERO MM 0.003, RT. (POOR FARM RD EDGELINES)

TEMPORARY 4 INCH WHITE LINE

ALBURGH MM 11.712 TO NORTH HERO
MM 0.064 SOLID LT. & RT.
(WITH EDGE LINE BREAK FOR POOR FARM RD)
NORTH HERO MM 0.003, RT. (POOR FARM RD EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA

ALBURGH MM 11.712 TO NORTH HERO
MM 0.064 SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR POOR FARM RD)
NORTH HERO MM 0.003, RT. (POOR FARM RD)

TEMPORARY 4 INCH YELLOW LINE

ALBURGH MM 11.712 TO NORTH HERO
MM 0.064 SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR POOR FARM RD)
NORTH HERO MM 0.003, RT. (POOR FARM RD)

DURABLE 24 INCH STOP BAR, POLYUREA

NORTH HERO MM 0.003, RT. (POOR FARM RD.)

TEMPORARY 24 INCH STOP BAR

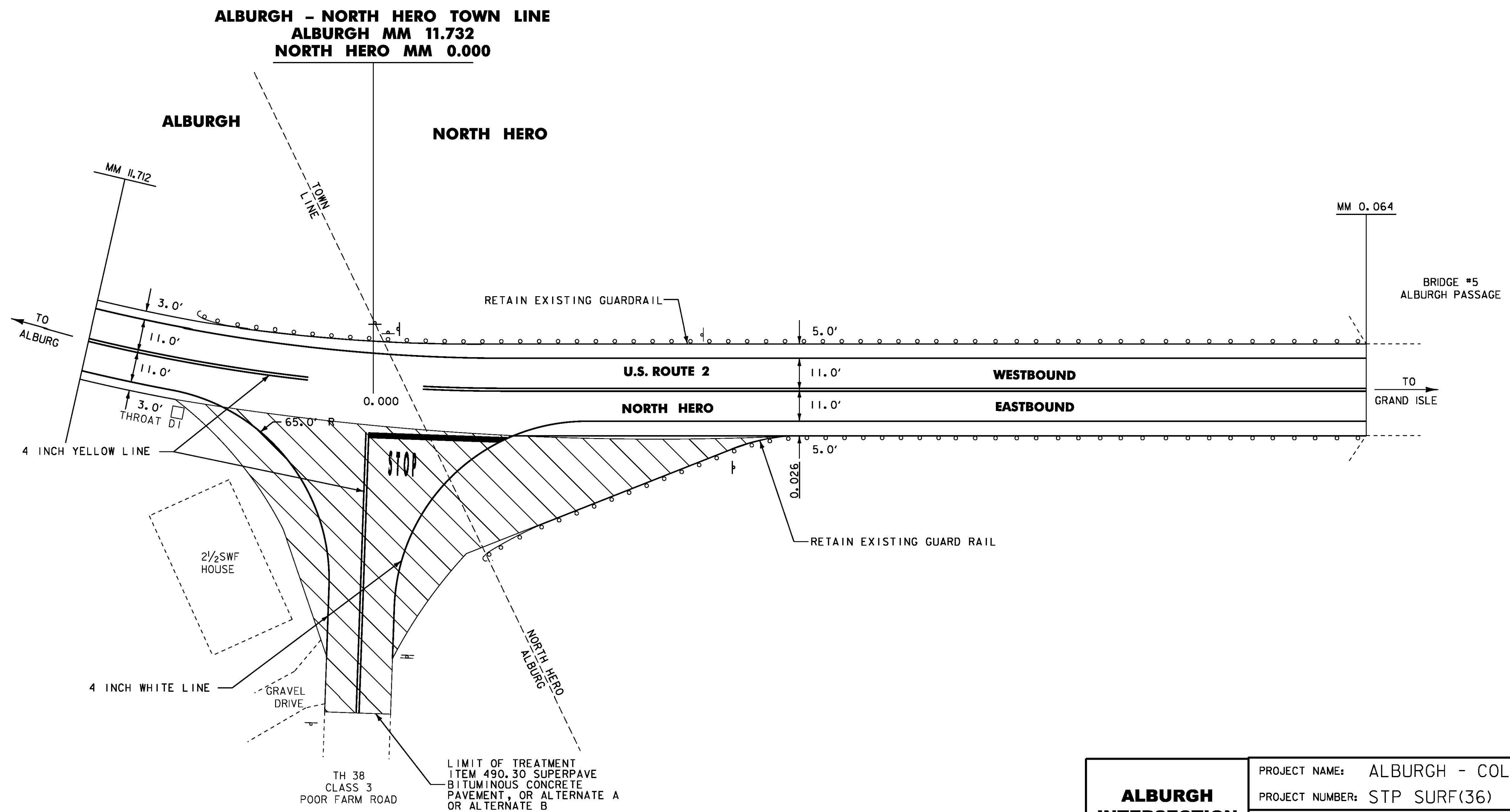
NORTH HERO MM 0.003, RT. (POOR FARM RD.)

DURABLE LETTER OR SYMBOL, POLYUREA

NORTH HERO MM 0.003 RT. - "STOP" (POOR FARM RD.)

TEMPORARY LETTER OR SYMBOL

NORTH HERO MM 0.003 RT. - "STOP" (POOR FARM RD.)



NOT TO SCALE

**ALBURGH
INTERSECTION
DETAIL
SHEET 1**

PROJECT NAME: ALBURGH - COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

I2b322s02.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 42 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 0.326, LT. (BRIDGE RD EDGELINES.)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 0.326 LT. (BRIDGE RD.)

DURABLE 24 INCH STOP BAR, POLYUREA
MM 0.326, LT. (BRIDGE RD.)

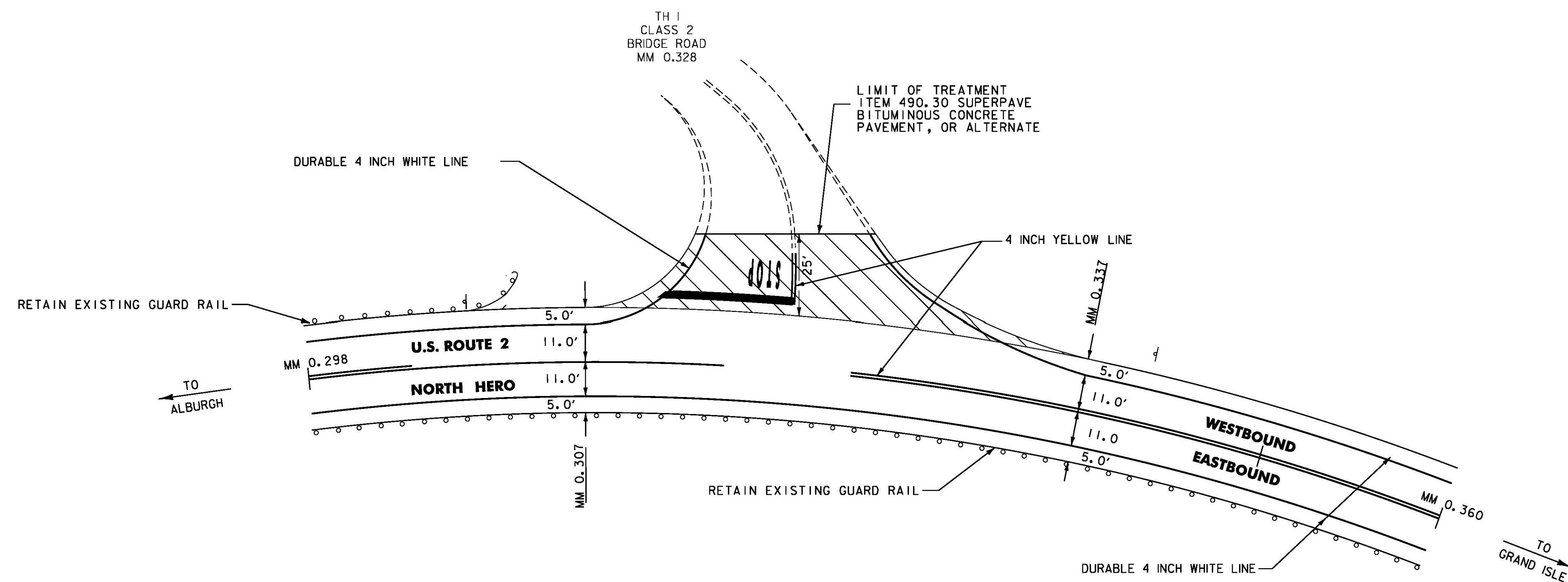
DURABLE LETTER OR SYMBOL, POLYUREA
MM 0.326, LT. - "STOP"

TEMPORARY 4 INCH WHITE LINE
MM 0.326, LT. (BRIDGE RD EDGELINES.)

TEMPORARY 4 INCH YELLOW LINE
MM 0.326 LT. (BRIDGE RD.)

TEMPORARY 24 INCH STOP BAR
MM 0.326, LT. (BRIDGE RD.)

TEMPORARY LETTER OR SYMBOL
MM 0.326, LT. - "STOP"



U.S. ROUTE 2 /T.H.6 - BRIDGE ROAD INTERSECTION

MM 0.328

NOT TO SCALE

**NORTH HERO
DETAIL
SHEET 1**

PROJECT NAME: ALBURGH - COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

I2b322nhds02.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 43 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 1.988 TO 2.050 (WITH EDGE LINE BREAK FOR TH-6)
MM 2.022, LT. (TH-6 EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 2.022, LT. (TH-6 CENTERLINES)

DURABLE 24 INCH STOP BAR, POLYUREA
MM 2.022, LT. (TH-6)

DURABLE LETTER OR SYMBOL, POLYUREA
MM 2.022 LT. - "STOP" (TH-6)

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 1.988 TO 2.019, SOLID LT. (DIAGONALS)

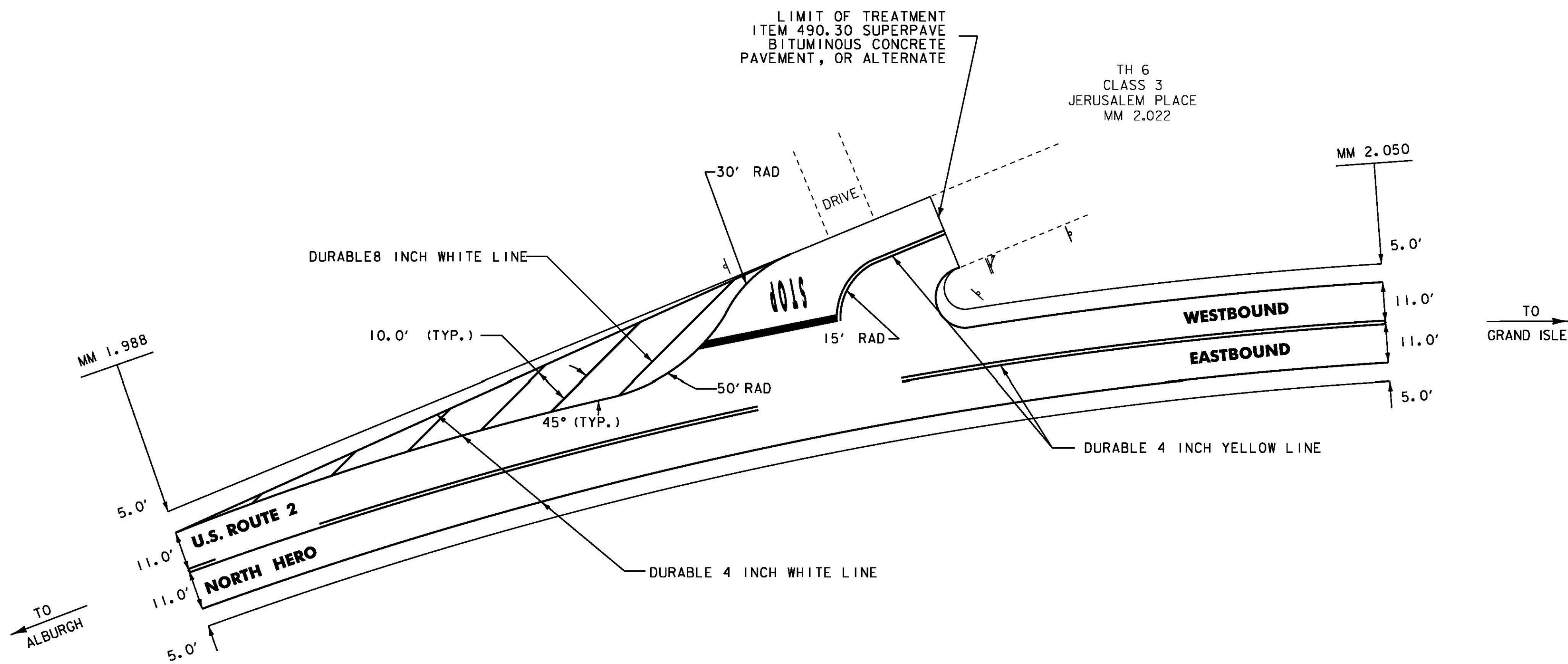
TEMPORARY 4 INCH WHITE LINE
MM 1.988 TO 2.050 (WITH EDGE LINE BREAK FOR TH-6)
MM 2.022, LT. (TH-6 EDGELINES)

TEMPORARY 4 INCH YELLOW LINE
MM 2.022, LT. (TH-6 CENTERLINES)

TEMPORARY 24 INCH STOP BAR
MM 2.022, LT. (TH-6)

TEMPORARY LETTER OR SYMBOL
MM 2.022 LT. - "STOP" (TH-6)

TEMPORARY 8 INCH WHITE LINE
MM 1.988 TO 2.019, SOLID LT. (DIAGONALS)



U.S. ROUTE 2 / TH-6 - JERUSALEM PLACE INTERSECTION
MM 2.022

NOT TO SCALE

**NORTH HERO
DETAIL
SHEET 2**

PROJECT NAME: ALBURGH - COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

I2b322nhds03.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 44 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 2.327 TO MM 2.392, DOTTED LT.
MM 2.342, LT. (LAKEVIEW DR. EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 2.342, LT. (LAKEVIEW DR.)

DURABLE 24 INCH STOP BAR, POLYUREA
MM 2.342, LT. (LAKEVIEW DR.)

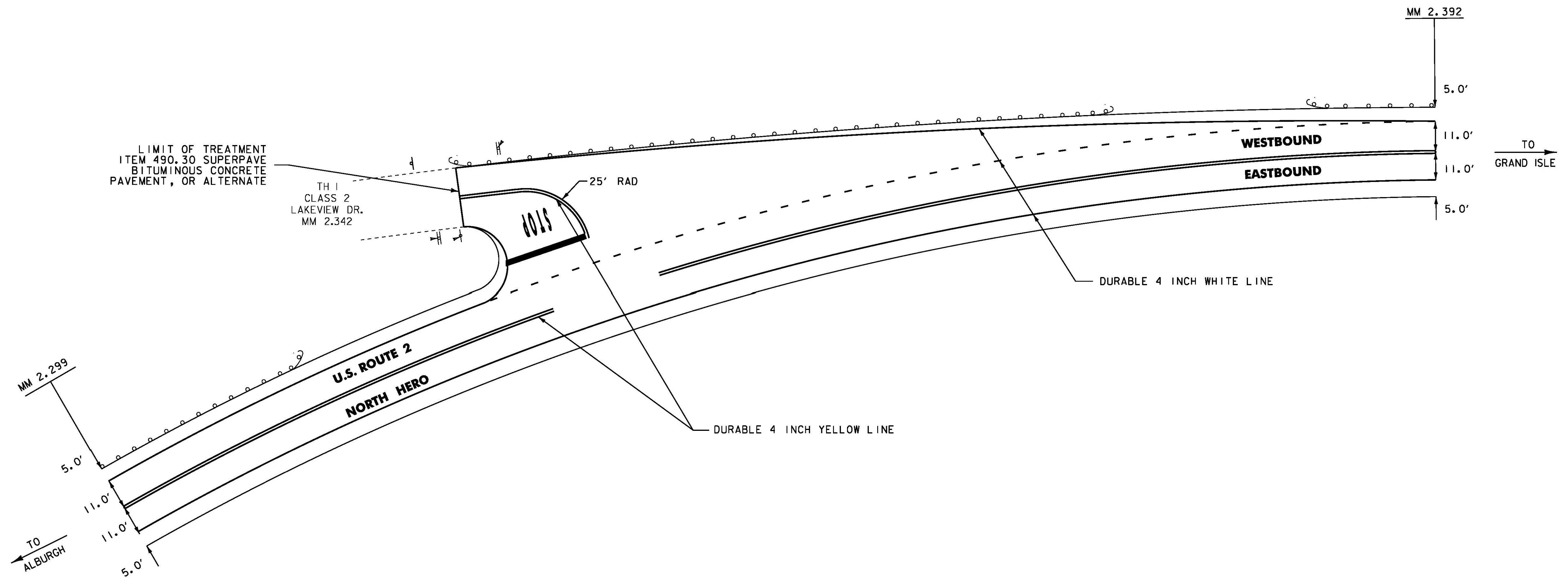
DURABLE LETTER OR SYMBOL, POLYUREA
MM 2.342 LT. - "STOP" (LAKEVIEW DRIVE)

TEMPORARY 4 INCH WHITE LINE
MM 2.327 TO MM 2.392, DOTTED LT.
MM 2.342, LT. (LAKEVIEW DR. EDGELINES)

TEMPORARY 4 INCH YELLOW LINE
MM 2.342, LT. (LAKEVIEW DR.)

TEMPORARY 24 INCH STOP BAR
MM 2.342, LT. (LAKEVIEW DR.)

TEMPORARY LETTER OR SYMBOL
MM 2.342 LT. - "STOP" (LAKEVIEW DRIVE)



U.S. ROUTE 2 /T.H.1 - LAKEVIEW DR. INTERSECTION

MM 2.342

NOT TO SCALE

**NORTH HERO
DETAIL
SHEET 3**

PROJECT NAME: ALBURGH - COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

I2b322nhs05.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 45 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 5.654 TO MM 6.089, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR CROSSWALKS)

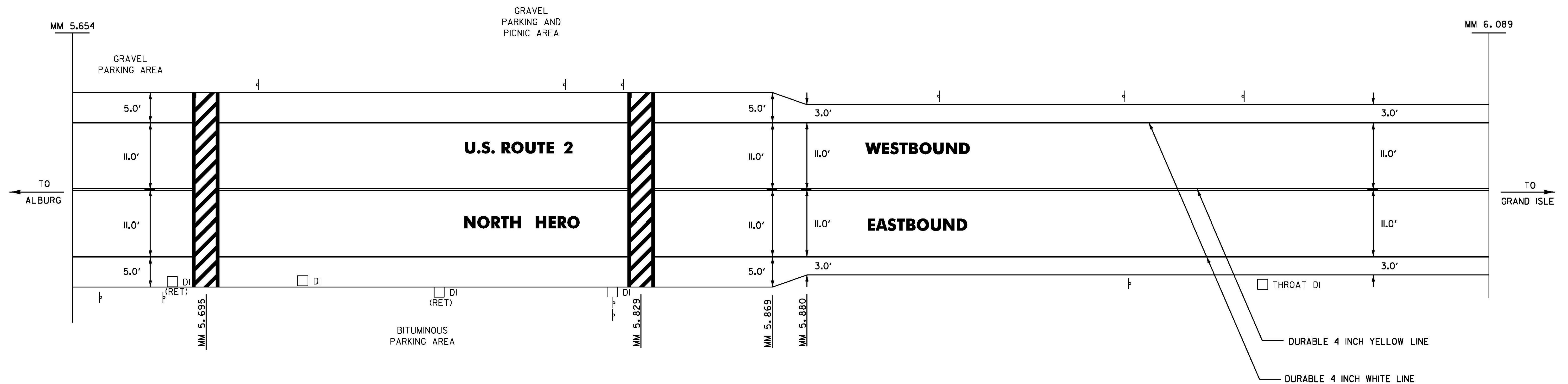
DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 5.654 TO MM 6.089, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR CROSSWALKS)

DURABLE CROSSWALK MARKING,
POLYUREA
MM 5.695
MM 5.829

TEMPORARY 4 INCH WHITE LINE
MM 5.654 TO MM 6.089, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR CROSSWALKS)

TEMPORARY 4 INCH YELLOW LINE
MM 5.654 TO MM 6.089, SOLID LT. & RT.
(WITH CENTERLINE BREAKS FOR CROSSWALKS)

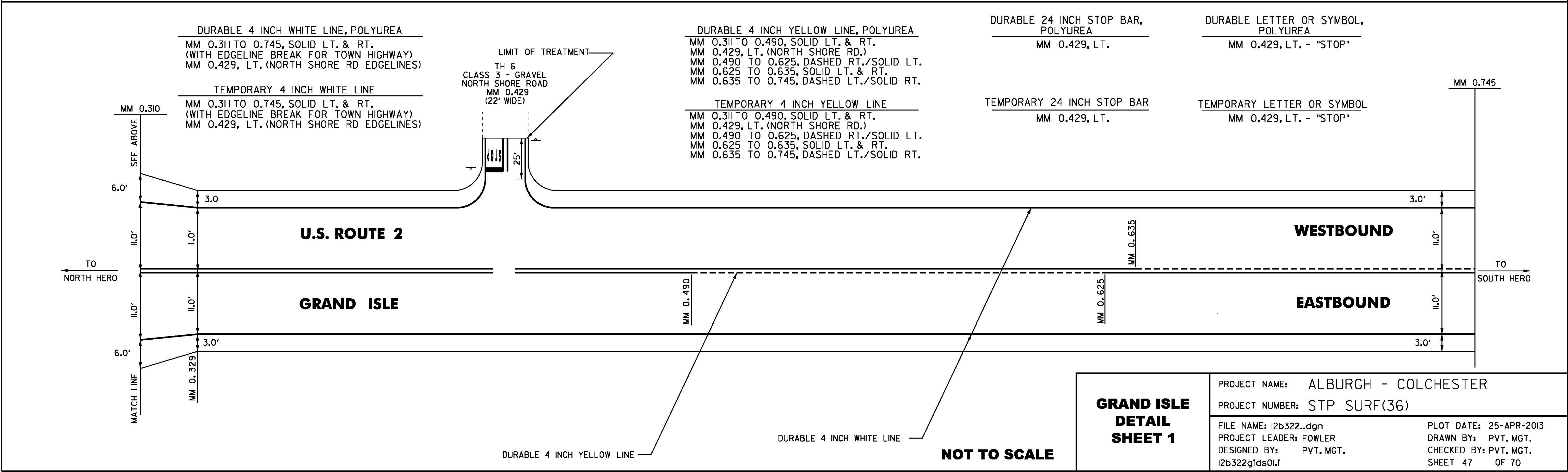
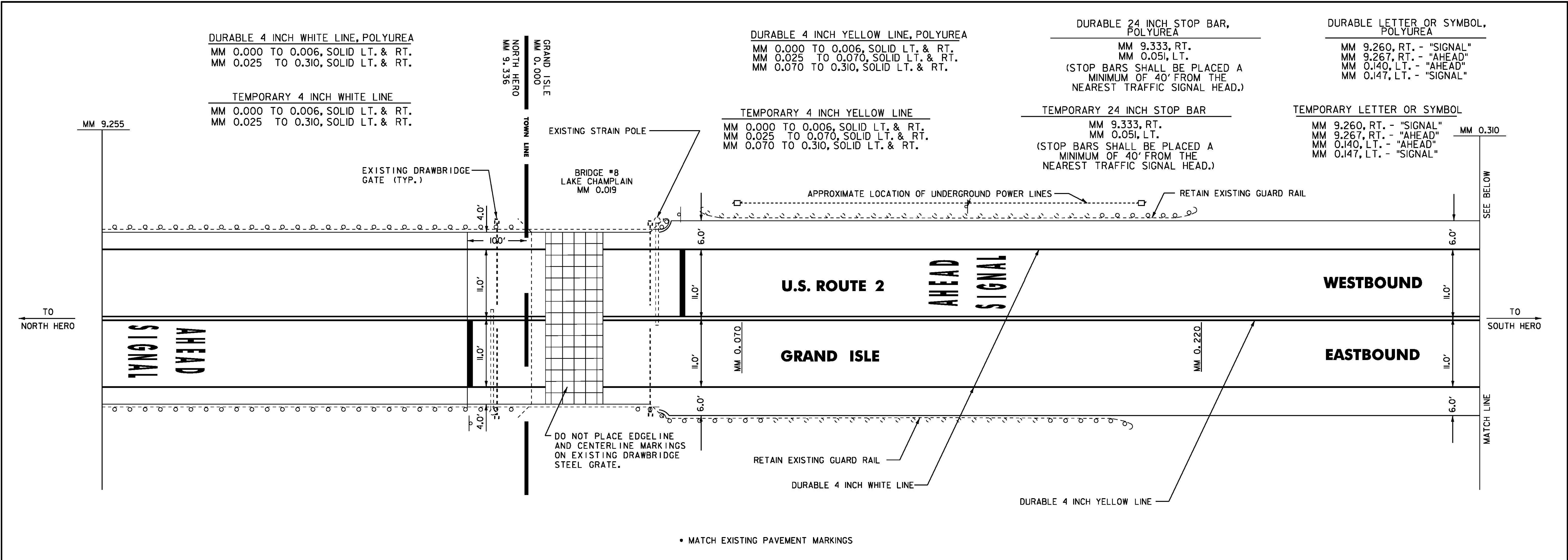
TEMPORARY CROSSWALK MARKING
MM 5.695
MM 5.829



**NORTH HERO
DETAIL
SHEET 4**

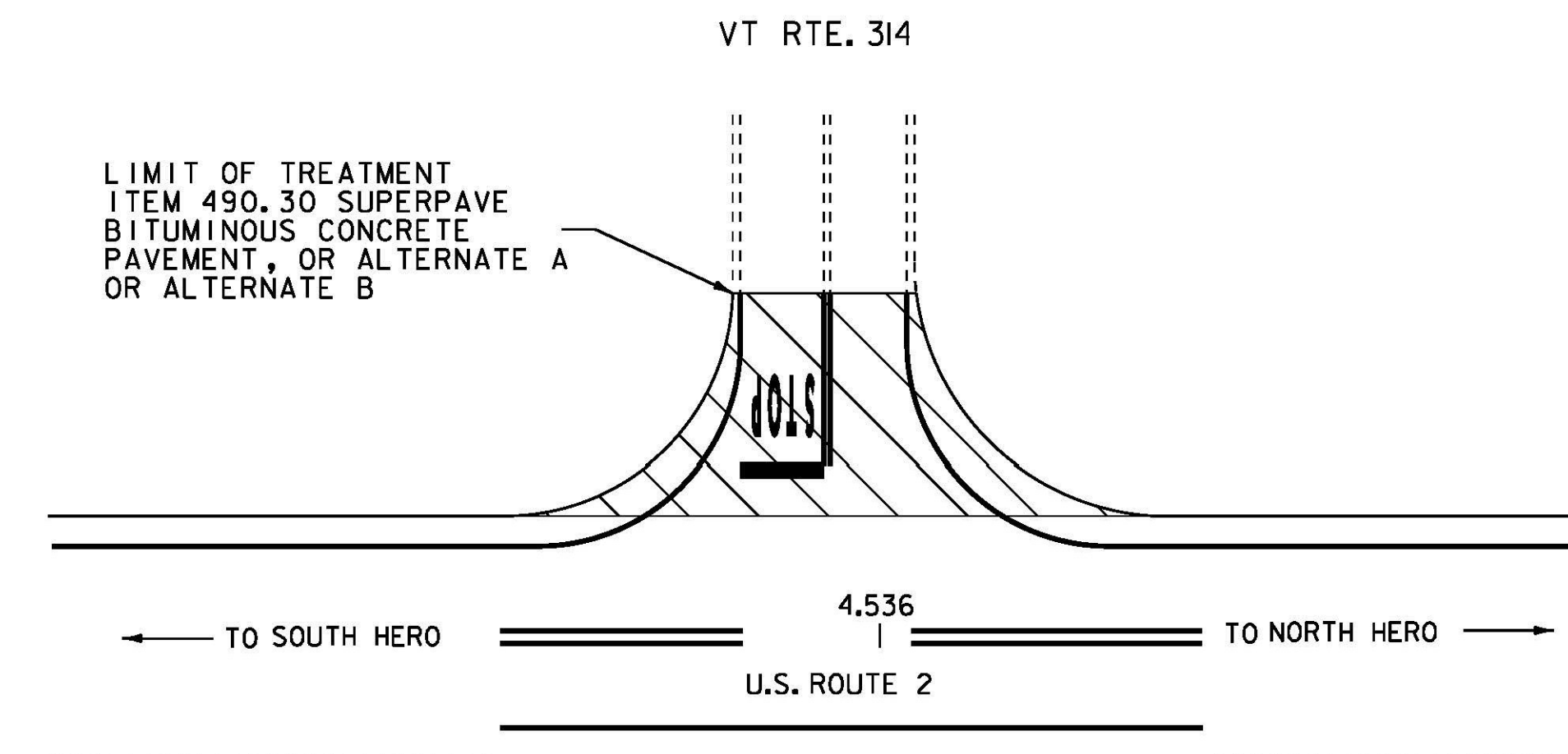
PROJECT NAME: ALBURGH - COLCHESTER	
PROJECT NUMBER: STP SURF(36)	
FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
I2b322nhds06.I	SHEET 46 OF 70

NOT TO SCALE



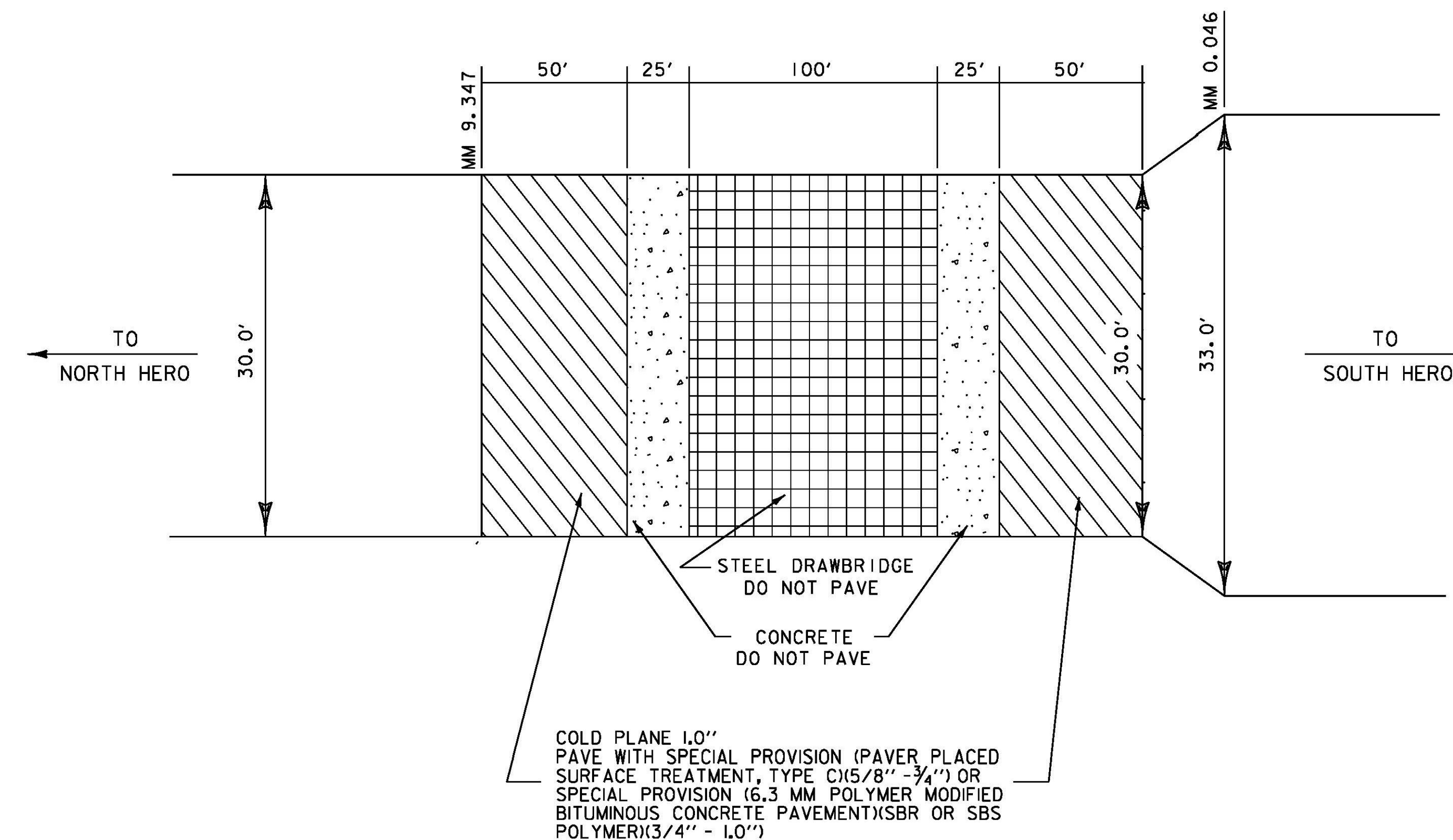
DURABLE LETTER OR SYMBOL,
POLYUREA
MM 4.536, LT. - "STOP"
TEMPORARY LETTER OR SYMBOL
MM 4.536, LT. - "STOP"

DURABLE 24 INCH STOP BAR,
POLYUREA
MM 4.536, LT.
TEMPORARY 24 INCH STOP BAR
MM 4.536, LT.



INTERSECTION DETAIL U.S. ROUTE 2 / VT ROUTE 314

MM 4.536



PAVING DETAIL BRIDGE NO. 8

U.S. ROUTE 2 GRAND ISLE MM 0.019

NOT TO SCALE

GRAND ISLE DETAIL SHEET 2

PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
I2b322g1ds02.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 48 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 3.040 TO 3.355, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR HILL RD & SOUTH RD)
MM 3.076, LT. & RT. (HILL RD & SOUTH RD EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 3.040 TO 3.315, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR HILL RD & SOUTH ST)
MM 3.076, LT. & RT. (HILL RD & SOUTH ST CENTERLINE)
MM 3.315 TO 3.355, SOLID LT. / DASHED RT.

DURABLE 24 INCH STOP BAR,
POLYUREA
MM 3.076, LT. & RT.

DURABLE CROSSWALK MARKING,
POLYUREA
MM 3.071, LT. & RT.
MM 3.076, LT.

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 3.076, LT. & RT. - "STOP"

TEMPORARY 4 INCH WHITE LINE
MM 3.040 TO 3.355, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR HILL RD & SOUTH RD)
MM 3.076, LT. & RT. (HILL RD & SOUTH RD EDGELINES)

TEMPORARY 4 INCH YELLOW LINE
MM 3.040 TO 3.315, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR HILL RD & SOUTH ST)
MM 3.076, LT. & RT. (HILL RD & SOUTH ST CENTERLINE)
MM 3.315 TO 3.355, SOLID LT. / DASHED RT.

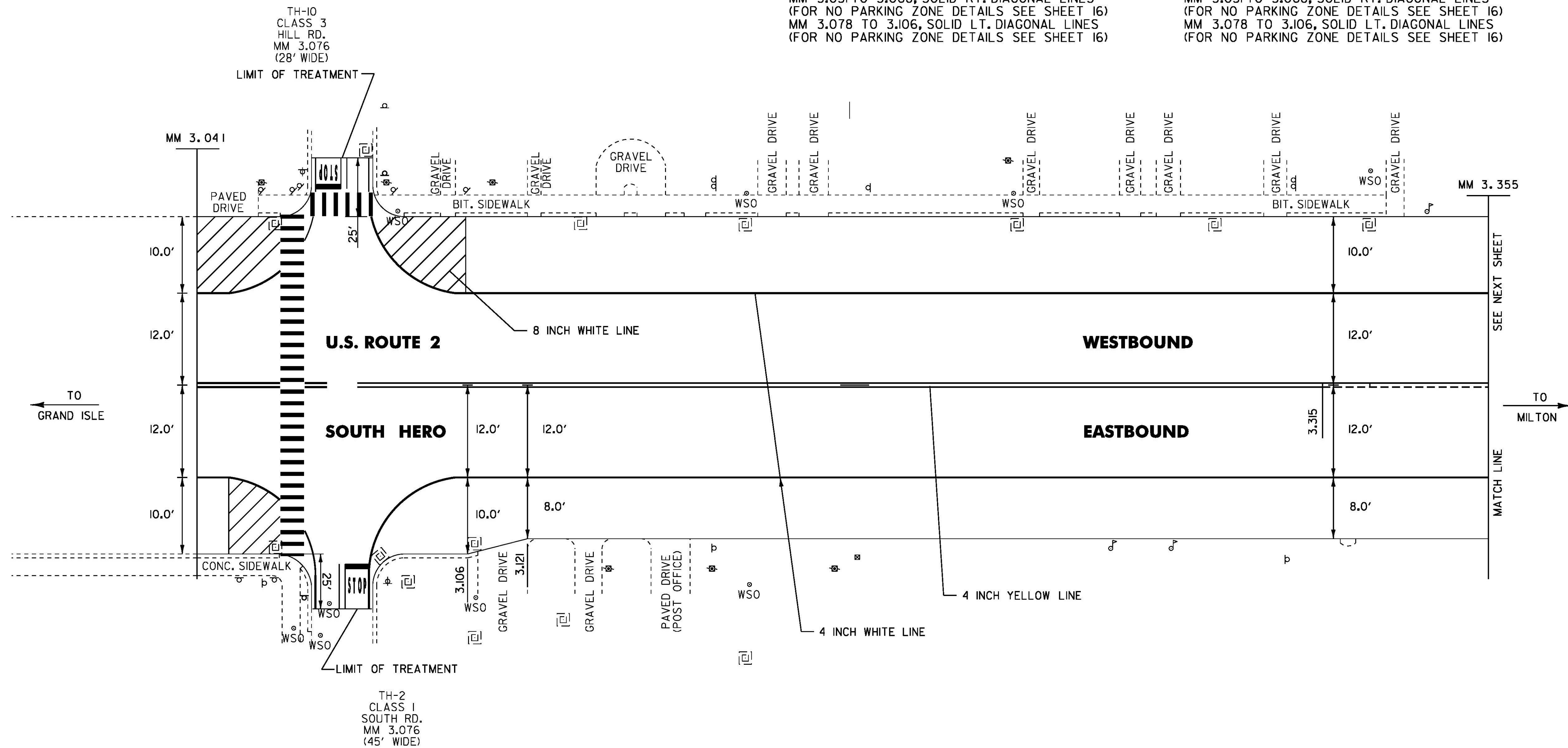
TEMPORARY 24 INCH STOP BAR
MM 3.076, LT. & RT.

TEMPORARY CROSSWALK MARKING
MM 3.071, LT. & RT.
MM 3.076, LT.

TEMPORARY LETTER OR SYMBOL
MM 3.076, LT. & RT. - "STOP"

DURABLE 8 INCH WHITE LINE
MM 3.040 TO 3.072, SOLID LT. DIAGONAL LINES
(FOR NO PARKING ZONE DETAILS SEE SHEET 16)
MM 3.051 TO 3.068, SOLID RT. DIAGONAL LINES
(FOR NO PARKING ZONE DETAILS SEE SHEET 16)
MM 3.078 TO 3.106, SOLID LT. DIAGONAL LINES
(FOR NO PARKING ZONE DETAILS SEE SHEET 16)

TEMPORARY 8 INCH WHITE LINE
MM 3.040 TO 3.072, SOLID LT. DIAGONAL LINES
(FOR NO PARKING ZONE DETAILS SEE SHEET 16)
MM 3.051 TO 3.068, SOLID RT. DIAGONAL LINES
(FOR NO PARKING ZONE DETAILS SEE SHEET 16)
MM 3.078 TO 3.106, SOLID LT. DIAGONAL LINES
(FOR NO PARKING ZONE DETAILS SEE SHEET 16)



NOT TO SCALE

**SOUTH HERO
DETAIL
SHEET 2**

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: 12b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

12b322shds02.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

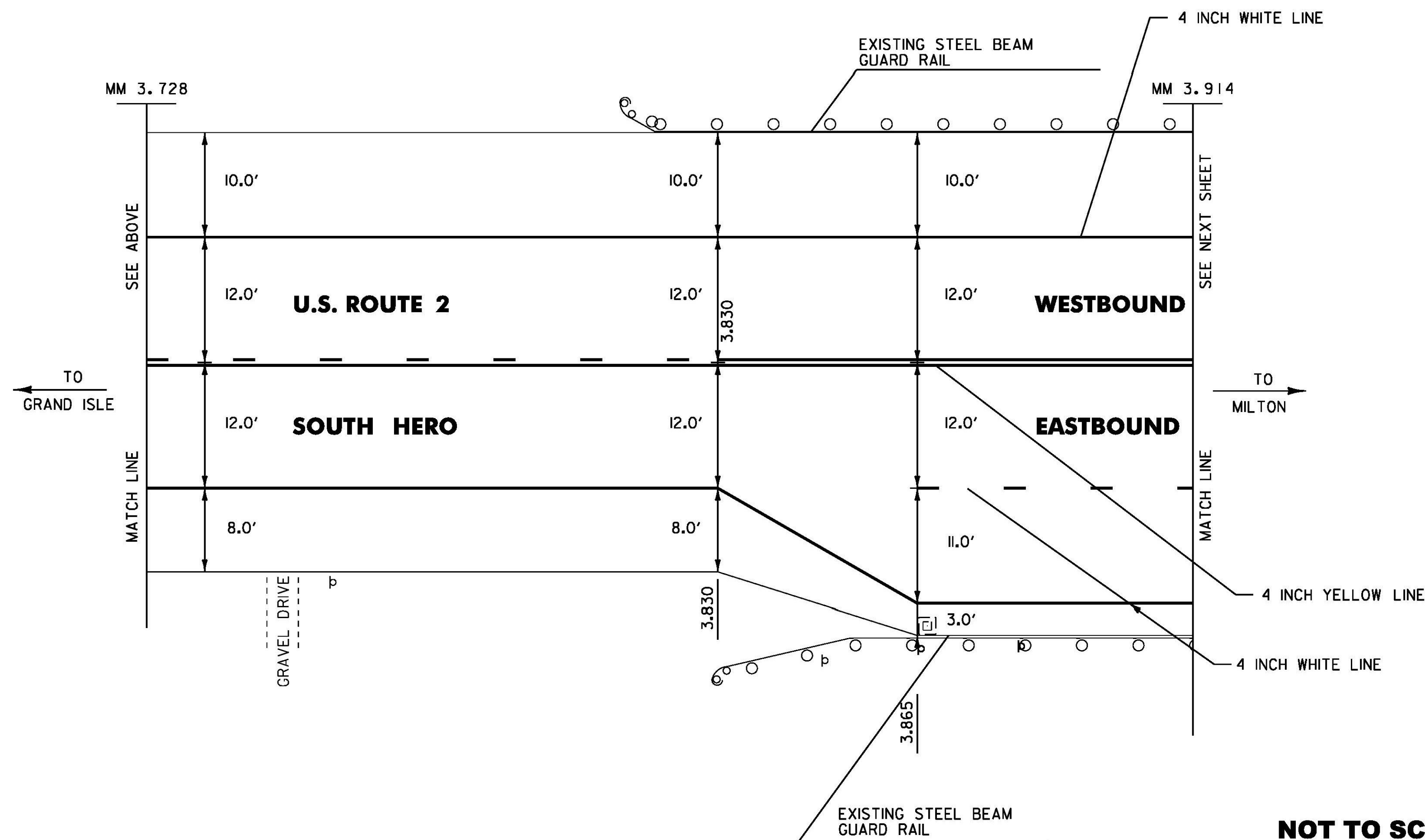
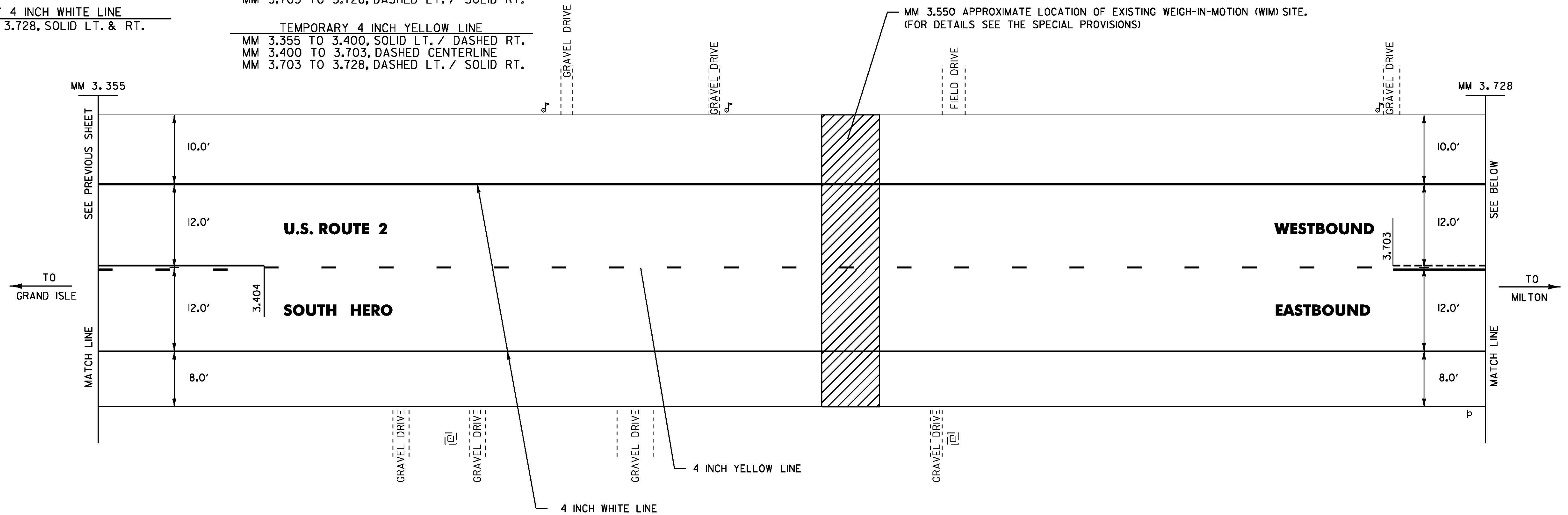
SHEET 50 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 3.355 TO 3.728, SOLID LT. & RT.

TEMPORARY 4 INCH WHITE LINE
MM 3.355 TO 3.728, SOLID LT. & RT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 3.355 TO 3.400, SOLID LT. / DASHED RT.
MM 3.400 TO 3.703, DASHED CENTERLINE
MM 3.703 TO 3.728, DASHED LT. / SOLID RT.

TEMPORARY 4 INCH YELLOW LINE
MM 3.355 TO 3.400, SOLID LT. / DASHED RT.
MM 3.400 TO 3.703, DASHED CENTERLINE
MM 3.703 TO 3.728, DASHED LT. / SOLID RT.



DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 3.728 TO 3.830, DASHED LT. / SOLID RT.
MM 3.830 TO 3.915, SOLID LT. & RT.

TEMPORARY 4 INCH YELLOW LINE
MM 3.728 TO 3.830, DASHED LT. / SOLID RT.
MM 3.830 TO 3.915, SOLID LT. & RT.

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 3.728 TO 3.914, SOLID LT. & RT.
MM 3.865 TO 3.914, DASHED RT.

TEMPORARY 4 INCH WHITE LINE
MM 3.728 TO 3.914, SOLID LT. & RT.
MM 3.865 TO 3.914, DASHED RT.

**SOUTH HERO
DETAIL
SHEET 3**

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

I2b322shds03.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 51 OF 70

NOT TO SCALE

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 52 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 4.225 TO 4.536, SOLID LT. & RT.
MM 4.225 TO 4.536, DASHED LT.
MM 4.225 TO 4.259, DASHED RT.

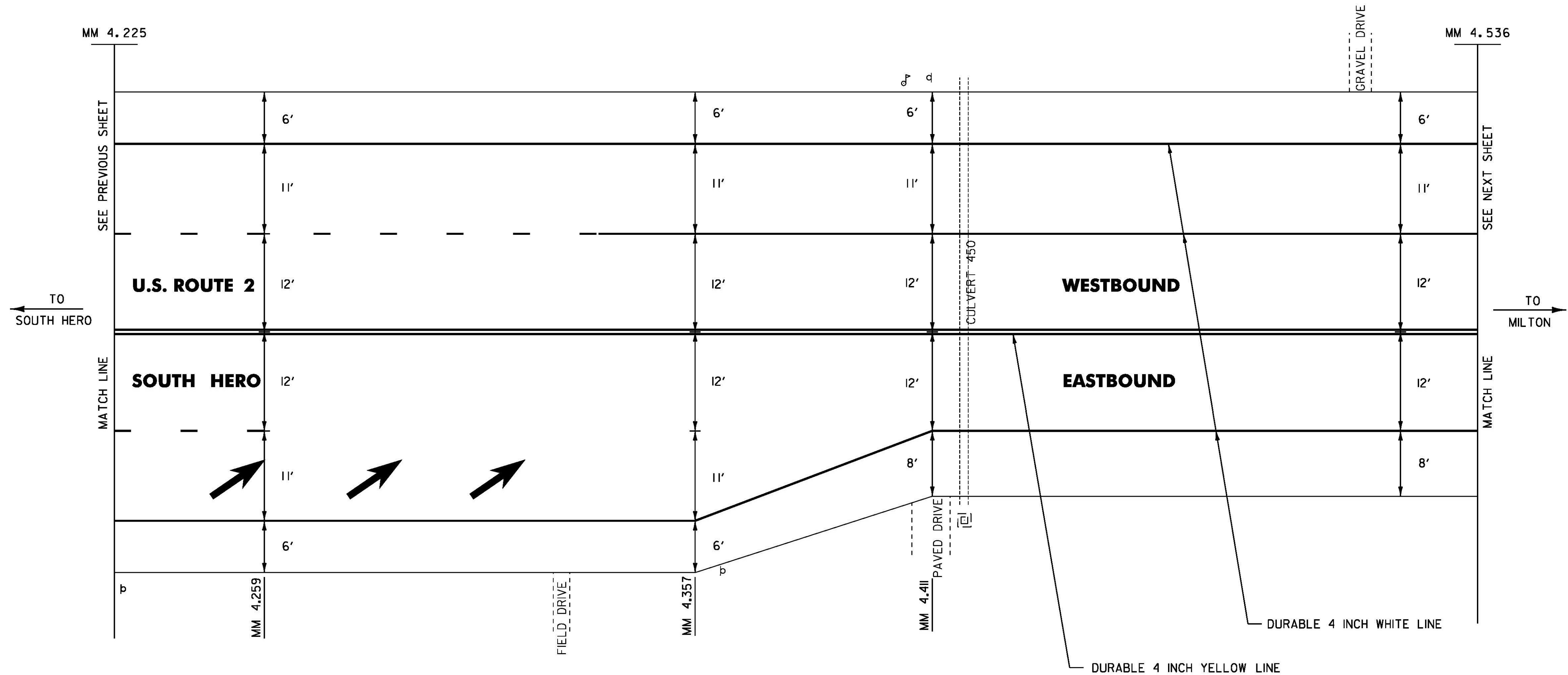
DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 4.225 TO 4.536, SOLID LT. & RT.

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 4.259 RT. ↗
MM 4.293 RT. ↗
MM 4.327 RT. ↗

TEMPORARY 4 INCH WHITE LINE
MM 4.225 TO 4.536, SOLID LT. & RT.
MM 4.225 TO 4.536, DASHED LT.
MM 4.225 TO 4.259, DASHED RT.

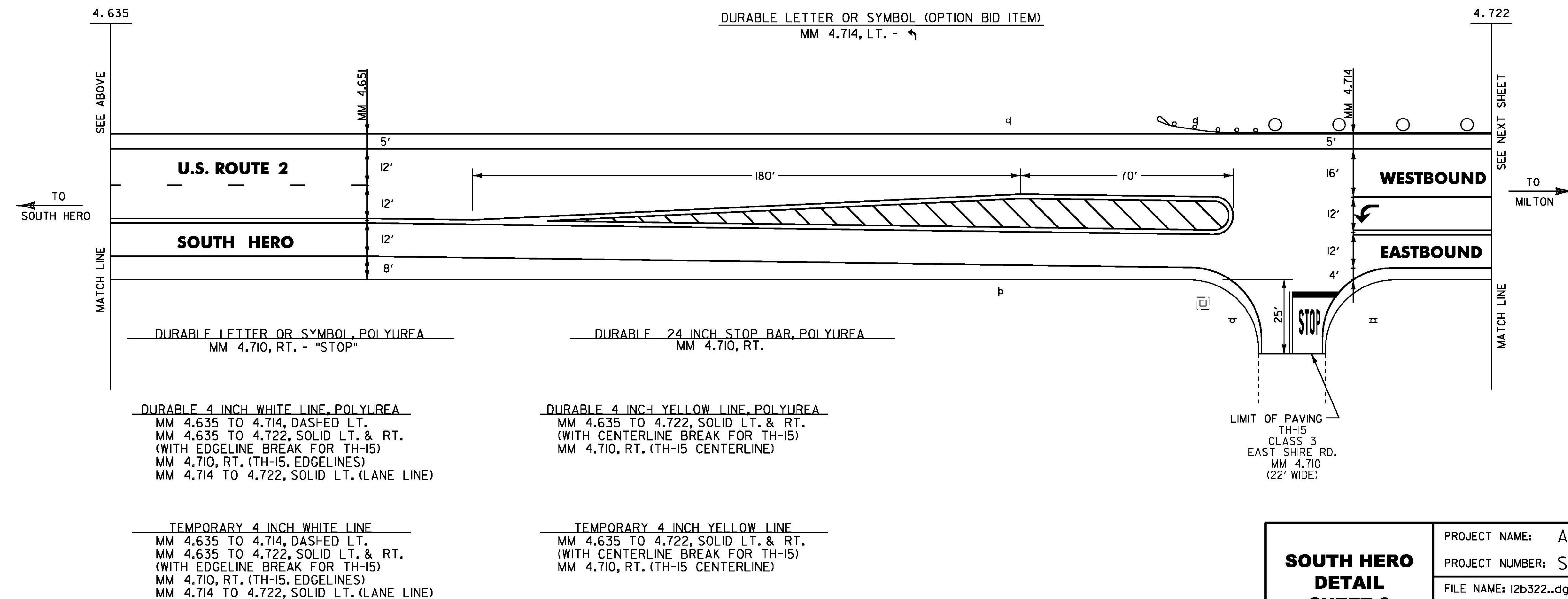
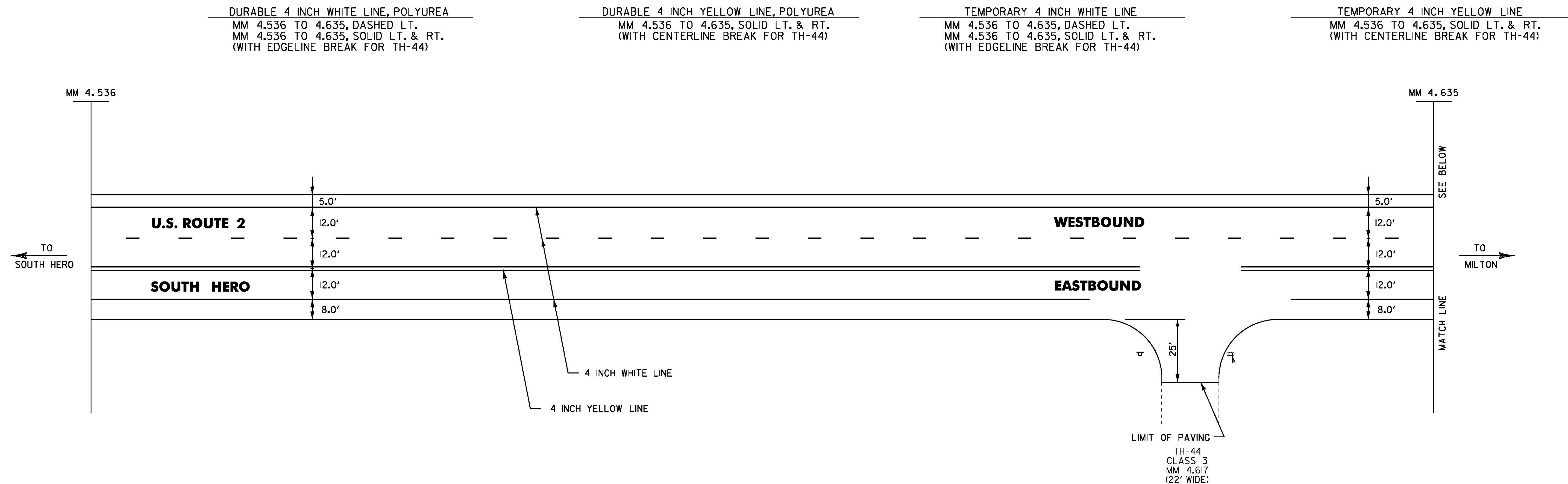
TEMPORARY 4 INCH YELLOW LINE
MM 4.225 TO 4.536, SOLID LT. & RT.

TEMPORARY LETTER OR SYMBOL
MM 4.259 RT. ↗
MM 4.293 RT. ↗
MM 4.327 RT. ↗



**SOUTH HERO
DETAIL
SHEET 5**

PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	STP SURF(36)
FILE NAME:	I2b322.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PVT. MGT.
I2b322shds05.1	
PLOT DATE:	25-APR-2013
DRAWN BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
SHEET	53 OF 70



NOT TO SCALE

**SOUTH HERO
DETAIL
SHEET 6**

PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	STP SURF(36)
FILE NAME:	I2b322.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PVT. MGT.
I2b322shds08.1	
PLOT DATE:	25-APR-2013
DRAWN BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
SHEET	54 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 4.722 TO 4.822, SOLID LT. & RT.
MM 4.722 TO 4.732, SOLID LT. (LANE LINE)
MM 4.732 TO 4.766, DOTTED LT.

TEMPORARY 4 INCH WHITE LINE
MM 4.722 TO 4.822, SOLID LT. & RT.
MM 4.722 TO 4.732, SOLID LT. (LANE LINE)
MM 4.732 TO 4.766, DOTTED LT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 4.722 TO 4.735, SOLID LT. & RT.
MM 4.735 TO 4.822, DOUBLE SOLID LT. & RT.

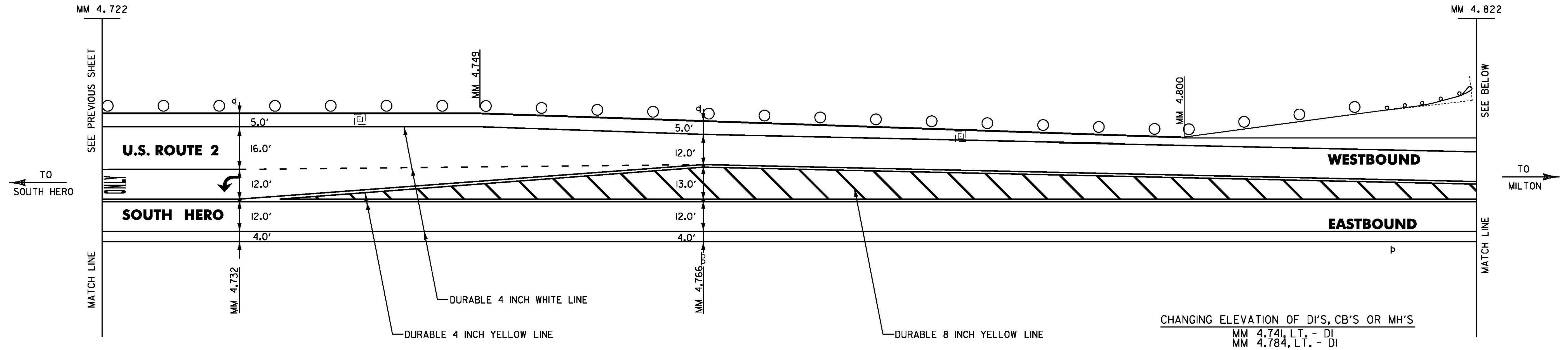
TEMPORARY 4 INCH YELLOW LINE
MM 4.722 TO 4.735, SOLID LT. & RT.
MM 4.735 TO 4.822, DOUBLE SOLID LT. & RT.

DURABLE 8 INCH YELLOW LINE, POLYUREA
MM 4.735 TO 4.822, (DIAGONAL LINES)

TEMPORARY 8 INCH YELLOW LINE
MM 4.735 TO 4.822, (DIAGONAL LINES)

DURABLE LETTER OR SYMBOL, POLYUREA
MM 4.722, LT. - "ONLY"
MM 4.736, LT. - 9

TEMPORARY LETTER OR SYMBOL
MM 4.736, LT. - 9



DURABLE 4 INCH WHITE LINE, POLYUREA
MM 4.822 TO 4.884, SOLID LT. & RT.

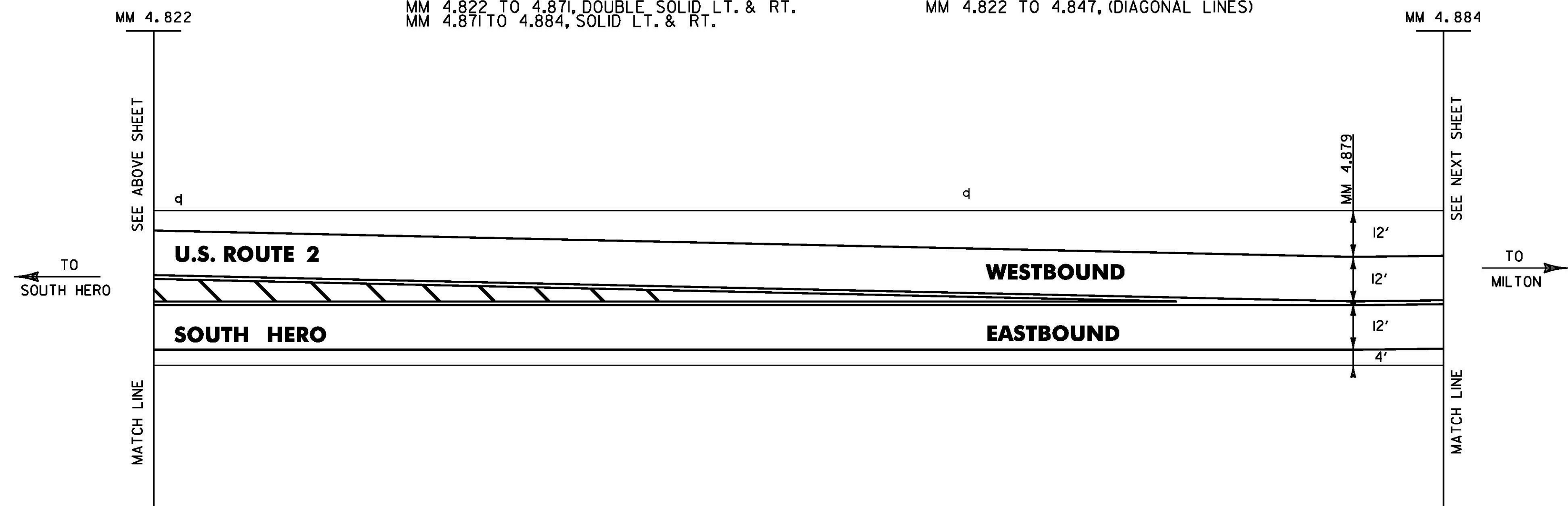
TEMPORARY 4 INCH WHITE LINE
MM 4.822 TO 4.884, SOLID LT. & RT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 4.822 TO 4.871, DOUBLE SOLID LT. & RT.
MM 4.871 TO 4.884, SOLID LT. & RT.

TEMPORARY 4 INCH YELLOW LINE
MM 4.822 TO 4.871, DOUBLE SOLID LT. & RT.
MM 4.871 TO 4.884, SOLID LT. & RT.

DURABLE 8 INCH YELLOW LINE, POLYUREA
MM 4.822 TO 4.847, (DIAGONAL LINES)

TEMPORARY 8 INCH YELLOW LINE
MM 4.822 TO 4.847, (DIAGONAL LINES)



NOT TO SCALE

**SOUTH HERO
DETAIL
SHEET 7**

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

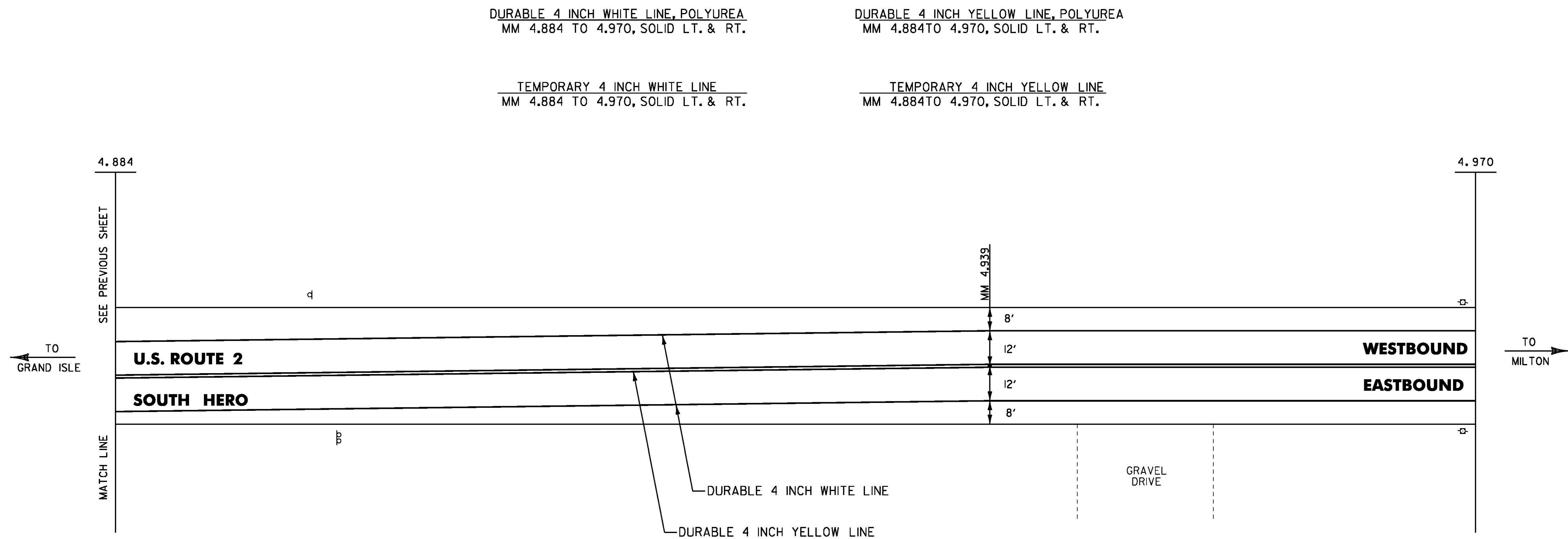
I2b322shds09.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 55 OF 70



NOT TO SCALE

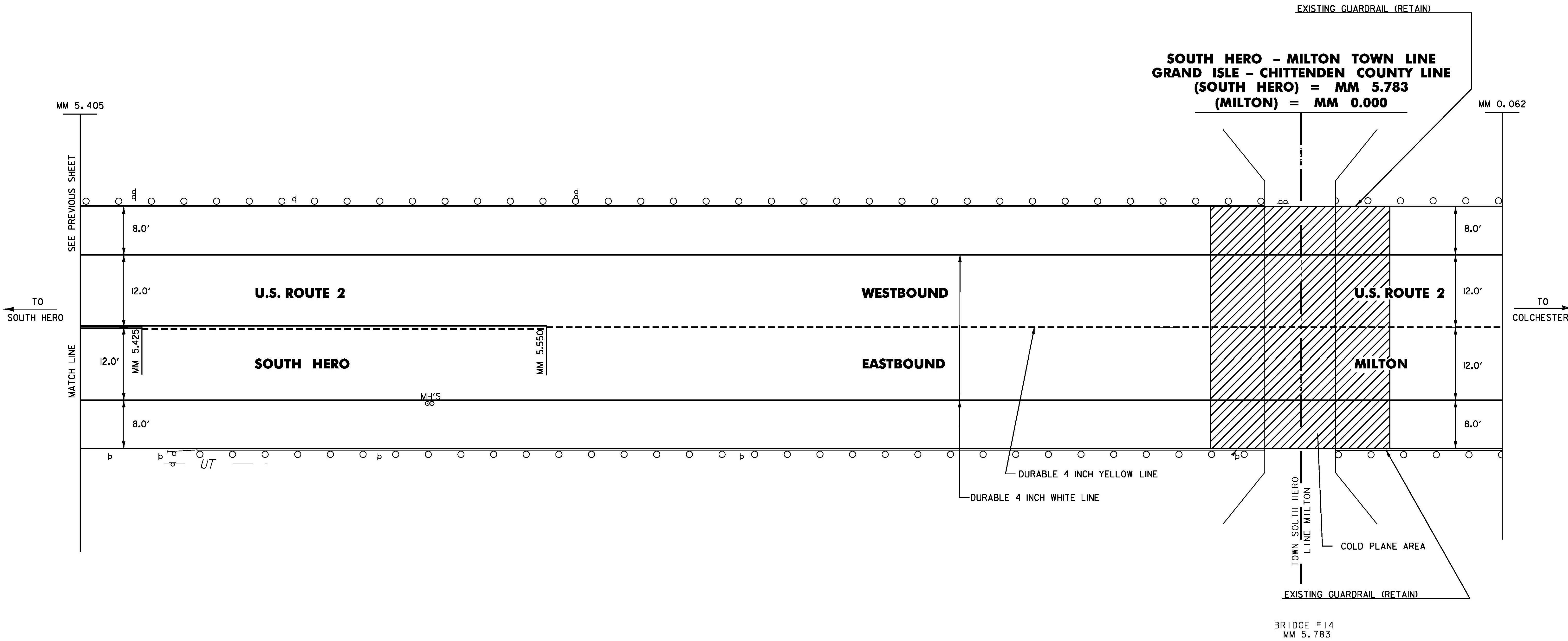
SOUTH HERO DETAIL SHEET 8	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: I2b322.dgn PROJECT LEADER: FOWLER DESIGNED BY: PVT. MGT. I2b322shdsI0.1	PLOT DATE: 25-APR-2013 DRAWN BY: PVT. MGT. CHECKED BY: PVT. MGT. SHEET 56 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
SOUTH HERO MM 5.405 TO 5.783, SOLID LT. & RT.
MILTON MM 0.000 TO 0.062, SOLID LT. & RT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
SOUTH HERO MM 5.405 TO 5.425, SOLID LT. RT.
SOUTH HERO MM 5.425 TO 5.550, SOLID LT. / DASHED RT.
SOUTH HERO MM 5.550 TO 5.783, DASHED CENTERLINE
MILTON MM 0.000 TO 0.062, DASHED CENTERLINE

TEMPORARY 4 INCH WHITE LINE
SOUTH HERO MM 5.405 TO 5.783, SOLID LT. & RT.
MILTON MM 0.000 TO 0.062, SOLID LT. & RT.

TEMPORARY 4 INCH YELLOW LINE
SOUTH HERO MM 5.405 TO 5.425, SOLID LT. RT.
SOUTH HERO MM 5.425 TO 5.550, SOLID LT. / DASHED RT.
SOUTH HERO MM 5.550 TO 5.783, DASHED CENTERLINE
MILTON MM 0.000 TO 0.062, DASHED CENTERLINE



NOT TO SCALE

SOUTH HERO DETAIL SHEET 9	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
	PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.		CHECKED BY: PVT. MGT.
I2b322shdsII.I		SHEET 57 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 3.160 TO 3.268, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR BEAR TRAP RD)
MM 3.216, LT. & RT. (BEAR TRAP RD EDGELINES)

TEMPORARY 4 INCH WHITE LINE
MM 3.160 TO 3.268, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR BEAR TRAP RD)
MM 3.216, LT. & RT. (BEAR TRAP RD EDGELINES)

DURABLE 24 INCH STOP BAR
MM 3.216, LT. X 2
MM 3.216, RT. X 2

TEMPORARY 24 INCH STOP BAR
MM 3.216, LT. X 2
MM 3.216, RT. X 2

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 3.160 TO 3.268, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR BEAR TRAP RD).
MM 3.216, LT. & RT. (BEAR TRAP RD CENTERLINE
& EDGELINES)

TEMPORARY 4 INCH YELLOW LINE
MM 3.160 TO 3.268, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR BEAR TRAP RD).
MM 3.216, LT. & RT. (BEAR TRAP RD CENTERLINE
& EDGELINES)

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 3.169 TO 3.193, RT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
STA. 3.240 TO 3.263, LT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).

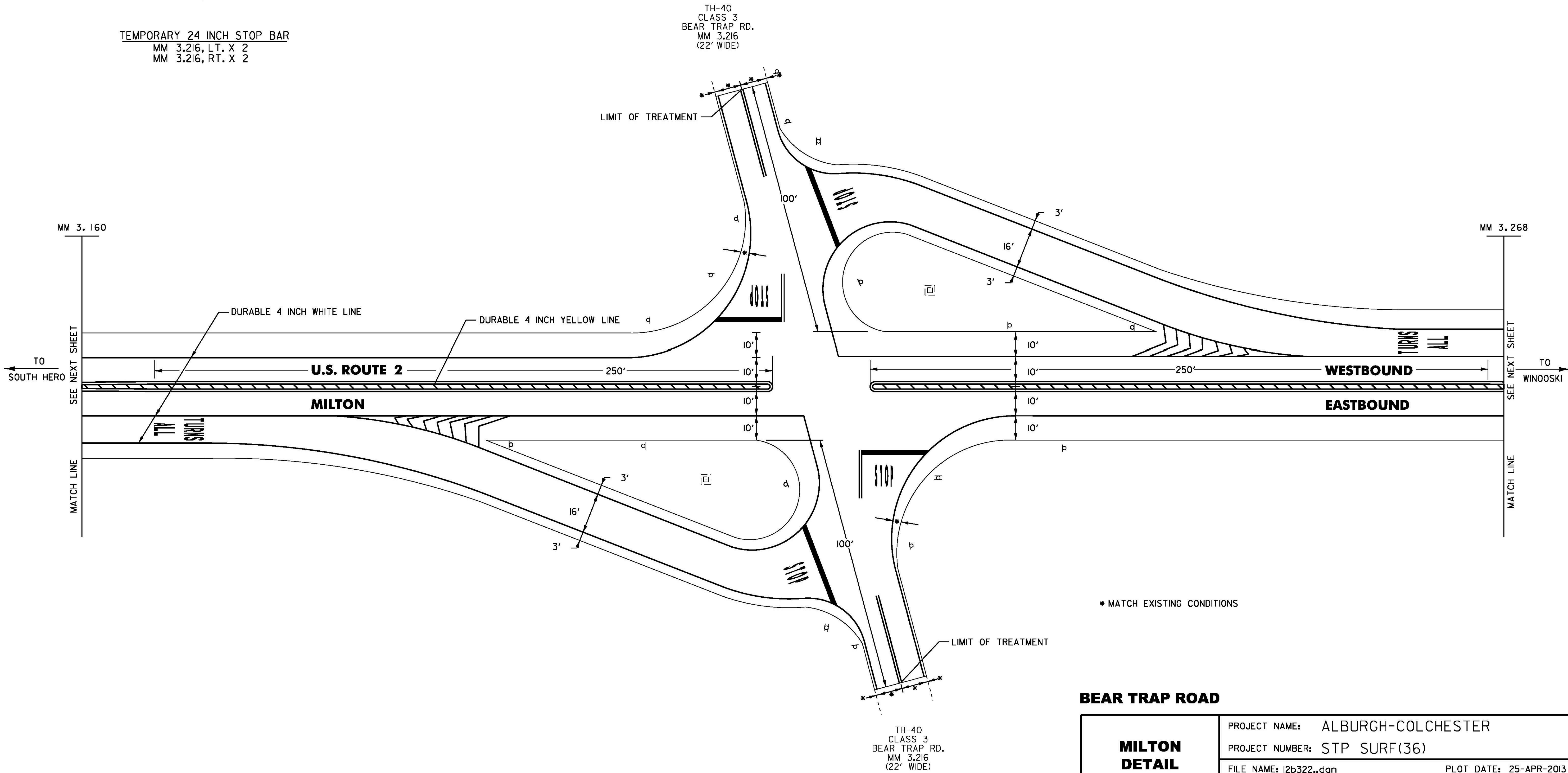
TEMPORARY 8 INCH WHITE LINE
MM 3.169 TO 3.193, RT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
STA. 3.240 TO 3.263, LT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).

DURABLE LETTER OR SYMBOL,
POLYUREA

MM 3.166, RT. - "ALL"
MM 3.168, RT. - "TURNS"
MM 3.217, LT. - "STOP" X 2
MM 3.217, RT. - "STOP" X 2
MM 3.261, LT. - "TURNS"
MM 3.263, LT. - "ALL"

TEMPORARY LETTER OR SYMBOL

MM 3.166, RT. - "ALL"
MM 3.168, RT. - "TURNS"
MM 3.217, LT. - "STOP" X 2
MM 3.217, RT. - "STOP" X 2
MM 3.261, LT. - "TURNS"
MM 3.263, LT. - "ALL"



PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

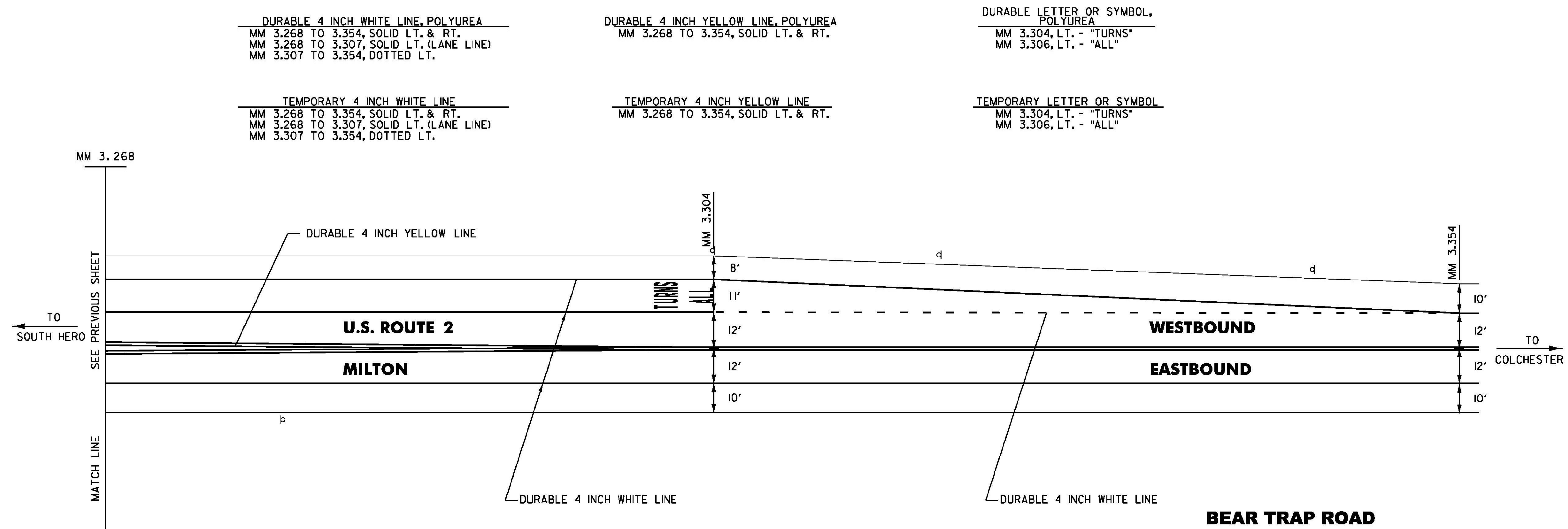
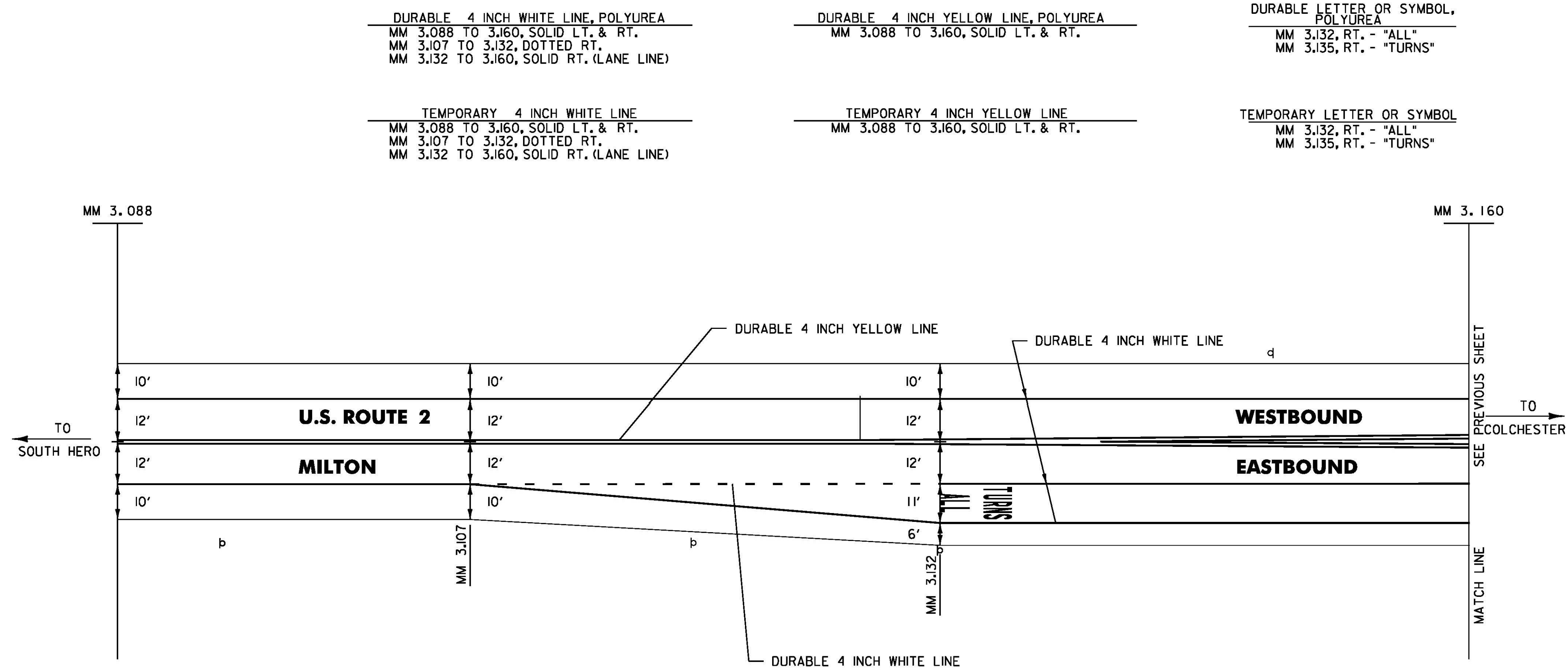
I2b322m01.I

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 58 OF 70



BEAR TRAP ROAD

**MILTON
DETAIL
SHEET 2**

NOT TO SCALE

PROJECT NAME: ALBURGH-COLCHESTER	
PROJECT NUMBER: STP SURF(36)	
FILE NAME: 12b322.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
12b322mde03.1	SHEET 59 OF 70

PLOT DATE: 25-APR-2013
DRAWN BY: PVT.MGT.
CHECKED BY: PVT.MGT.
SHEET 60 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 0.359 TO 0.468, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR CLAY POINT RD)
MM 0.416, LT. & RT. (CLAY PT. RD, EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 0.359 TO 0.468, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR CLAY POINT RD)
MM 0.416, LT. & RT. (CLAY PT. RD, EDGELINES)

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 0.369 TO 0.392, RT. (CORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
MM 0.439 TO 0.462, LT. (CORE & DIAGONALS
FOR DETAILS SEE SHEET 16).

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 0.360, RT. - "ALL"
MM 0.363, RT. - "TURNS"
MM 0.416, LT. - "STOP" X 2
MM 0.416, RT. - "STOP" X 2

DURABLE 24 INCH STOP BAR,
POLYUREA
STA. 0+669.0, LT. X 2
STA. 0+669.0, RT. X 2

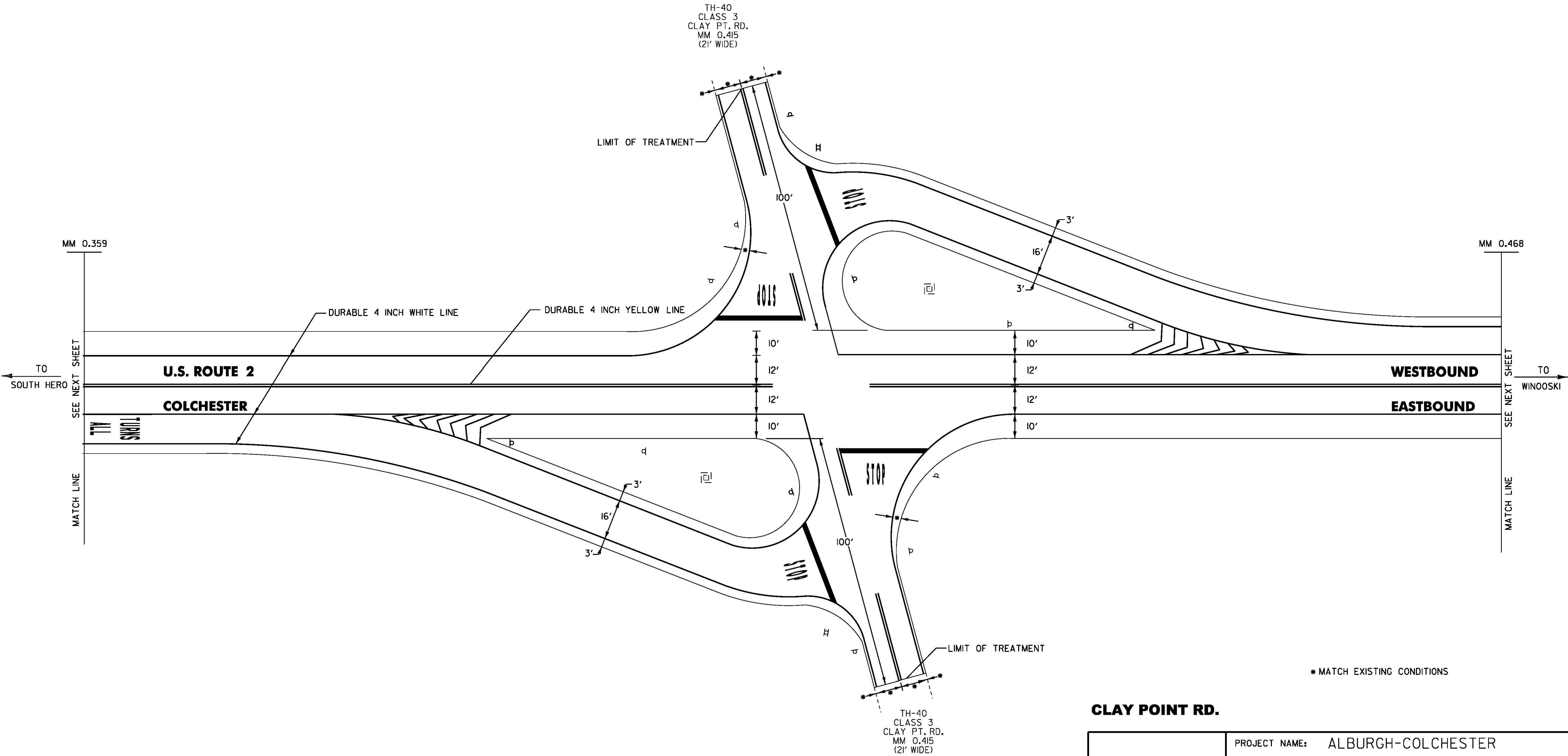
TEMPORARY 4 INCH WHITE LINE
MM 0.359 TO 0.468, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR CLAY POINT RD)
MM 0.416, LT. & RT. (CLAY PT. RD, EDGELINES)

TEMPORARY 4 INCH YELLOW LINE
MM 0.359 TO 0.468, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR CLAY POINT RD)
MM 0.416, LT. & RT. (CLAY PT. RD, EDGELINES)

TEMPORARY 8 INCH WHITE LINE
MM 0.369 TO 0.392, RT. (CORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
MM 0.439 TO 0.462, LT. (CORE & DIAGONALS
FOR DETAILS SEE SHEET 16).

TEMPORARY LETTER OR SYMBOL
MM 0.360, RT. - "ALL"
MM 0.363, RT. - "TURNS"
MM 0.416, LT. - "STOP" X 2
MM 0.416, RT. - "STOP" X 2

TEMPORARY 24 INCH STOP BAR
STA. 0+669.0, LT. X 2
STA. 0+669.0, RT. X 2



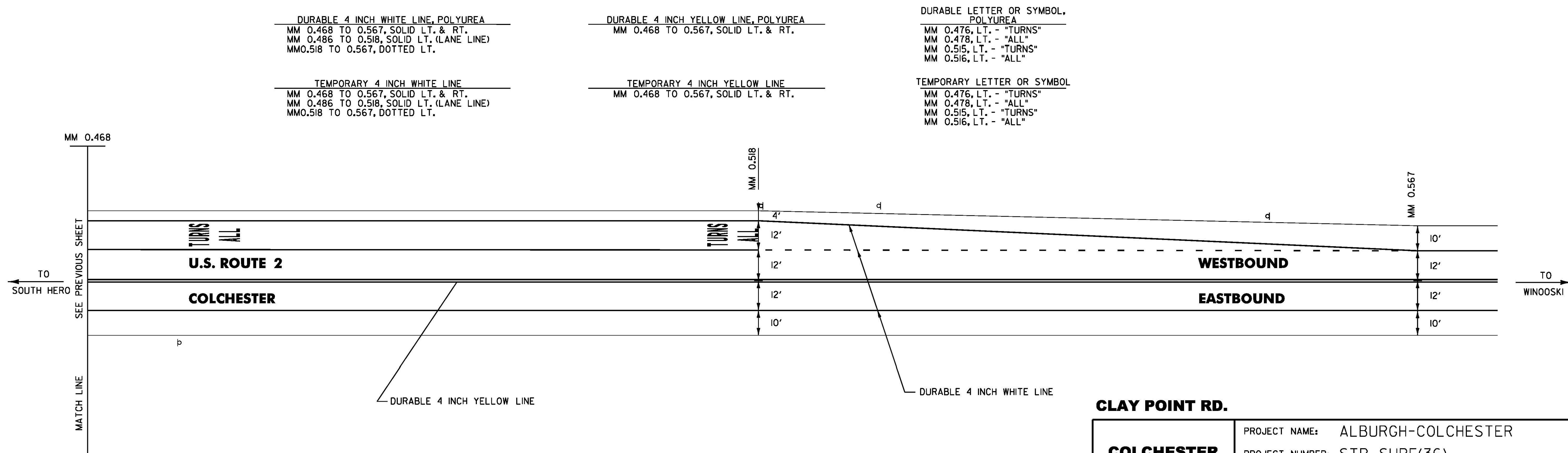
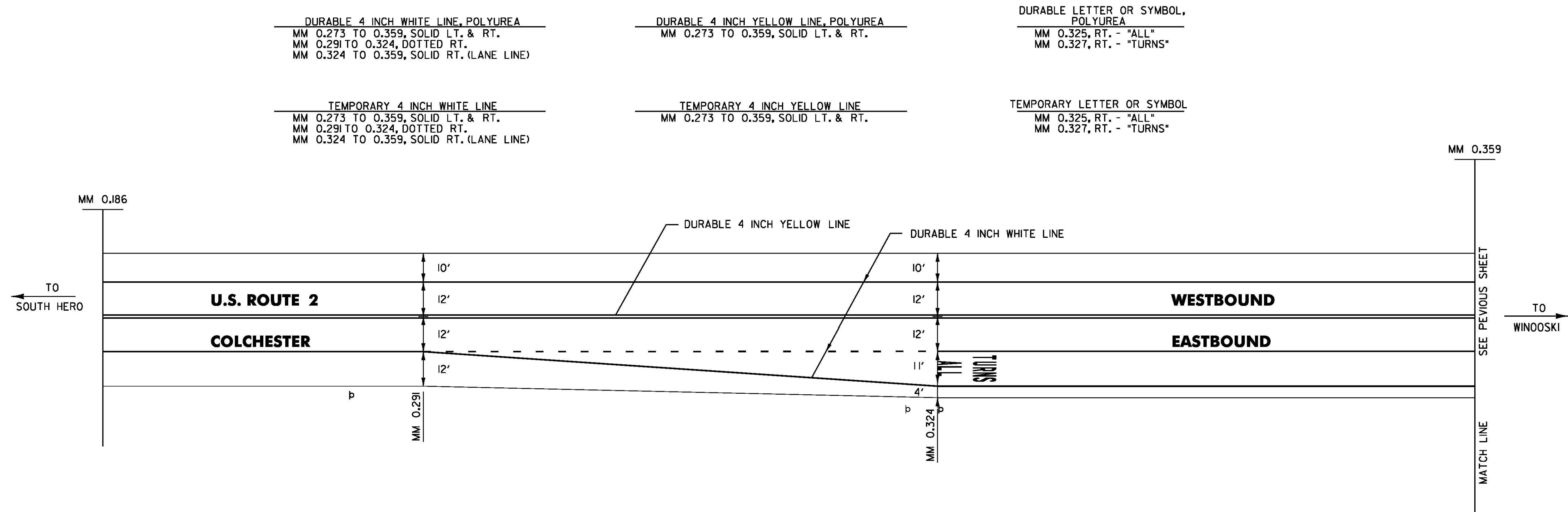
NOT TO SCALE

**COLCHESTER
DETAIL
SHEET 1**

PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF(36)

FILE NAME: 12b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
12b322cds04.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 61 OF 70



NOT TO SCALE

CLAY POINT RD.

COLCHESTER
DETAIL
SHEET 2

PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	STP SURF(36)
FILE NAME:	I2b322.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PVT. MGT.
I2b322cds05.1	
PLOT DATE:	25-APR-2013
DRAWN BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
SHEET	62 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 0.987 TO 1.096, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR RAYMOND RD)
MM 1.044, LT. & RT. (RAYMOND RD. EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 0.987 TO 1.096, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR RAYMOND RD).
MM 1.044, LT. & RT. (RAYMOND RD CENTERLINES
& EDGELINES)

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 0.997 TO 1.020, RT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
MM 1.067 TO 1.090, LT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 0.992, RT. - "ALL"
MM 0.994, RT. - "TURNS"
MM 1.044, LT. - "STOP" X 2
MM 1.044, RT. - "STOP" X 2

DURABLE 24 INCH STOP BAR,
POLYUREA
MM 1.044, LT. X 2
MM 1.044, RT. X 2

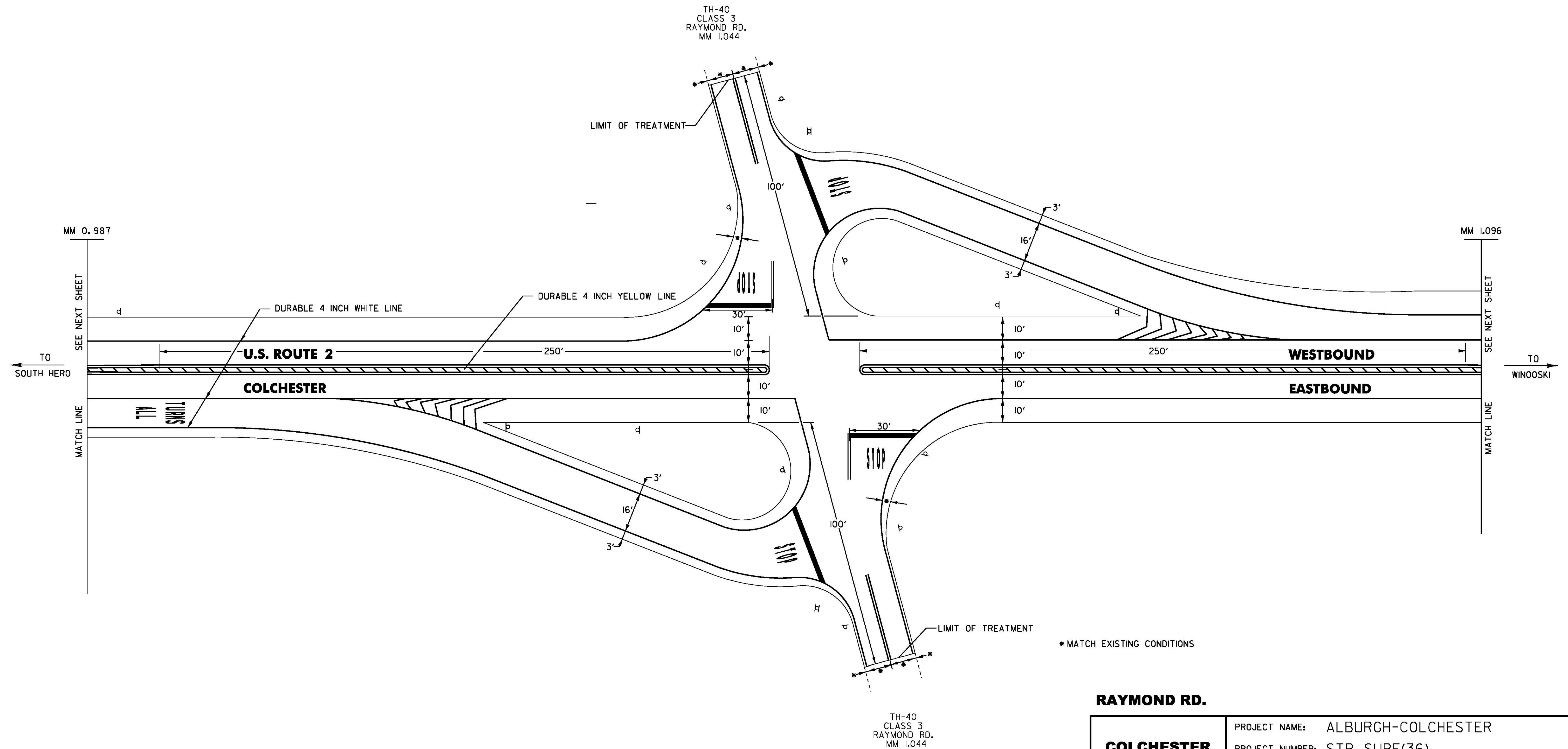
TEMPORARY 4 INCH WHITE LINE
MM 0.987 TO 1.096, SOLID LT. & RT.
(WITH EDGELINE BREAKS FOR RAYMOND RD)
MM 1.044, LT. & RT. (RAYMOND RD. EDGELINES)

TEMPORARY 4 INCH YELLOW LINE
MM 0.987 TO 1.096, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR RAYMOND RD).
MM 1.044, LT. & RT. (RAYMOND RD CENTERLINES
& EDGELINES)

TEMPORARY 8 INCH WHITE LINE
MM 0.997 TO 1.020, RT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
MM 1.067 TO 1.090, LT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).

TEMPORARY LETTER OR SYMBOL
MM 0.992, RT. - "ALL"
MM 0.994, RT. - "TURNS"
MM 1.044, LT. - "STOP" X 2
MM 1.044, RT. - "STOP" X 2

TEMPORARY 24 INCH STOP BAR
MM 1.044, LT. X 2
MM 1.044, RT. X 2



RAYMOND RD.

**COLCHESTER
DETAIL
SHEET 3**

NOT TO SCALE

PROJECT NAME: ALBURGH-COLCHESTER

PROJECT NUMBER: STP SURF(36)

FILE NAME: 12b322.dgn

PROJECT LEADER: FOWLER

DESIGNED BY: PVT. MGT.

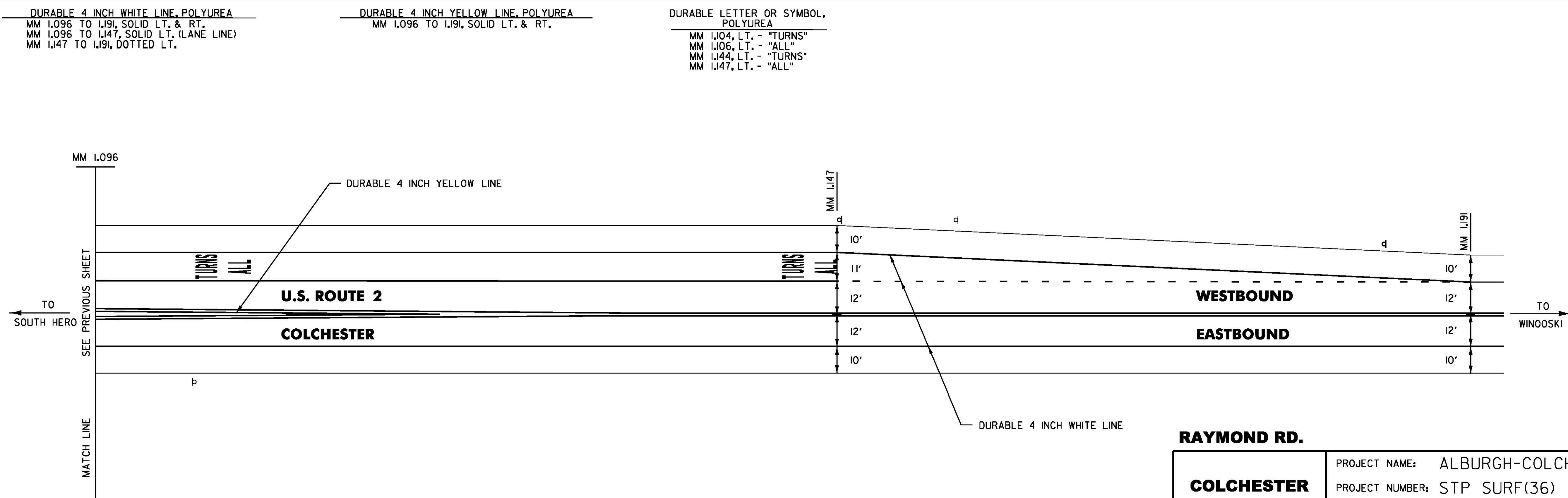
12b322cds06.1

PLOT DATE: 25-APR-2013

DRAWN BY: PVT. MGT.

CHECKED BY: PVT. MGT.

SHEET 63 OF 70



PROJECT NAME: ALBURGH-COLCHESTER	
PROJECT NUMBER: STP SURF(36)	
FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
I2b322cds07.I	SHEET 64 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 1.625 TO 1.734, SOLID LT. & RT.
(WITH EDGE LINE JASPER MINE RD.)
MM 1.724 TO 1.733, DOTTED LT.
MM 1.682, LT. & RT. (JASPER MINE RD. EDGELINES)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 1.625 TO 1.734, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR JASPER MINE RD.)
MM 1.682, LT. & RT. (JASPER MINE RD CENTERLINE
& EDGELINES)

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 1.625 TO 1.658, RT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
MM 1.698 TO 1.724, LT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16)

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 1.628, RT. - "ALL"
MM 1.630, RT. - "TURNS"
MM 1.682, LT. - "STOP" X 2
MM 1.682, RT. - "STOP" X 2
MM 1.711, LT. - "TURNS"
MM 1.714, LT. - "ALL"

DURABLE 24 INCH STOP BAR,
POLYUREA
MM 1.682, LT. X 2
MM 1.682, RT. X 2

TEMPORARY 4 INCH WHITE LINE
MM 1.625 TO 1.734, SOLID LT. & RT.
(WITH EDGE LINE JASPER MINE RD.)
MM 1.724 TO 1.733, DOTTED LT.
MM 1.682, LT. & RT. (JASPER MINE RD. EDGELINES)

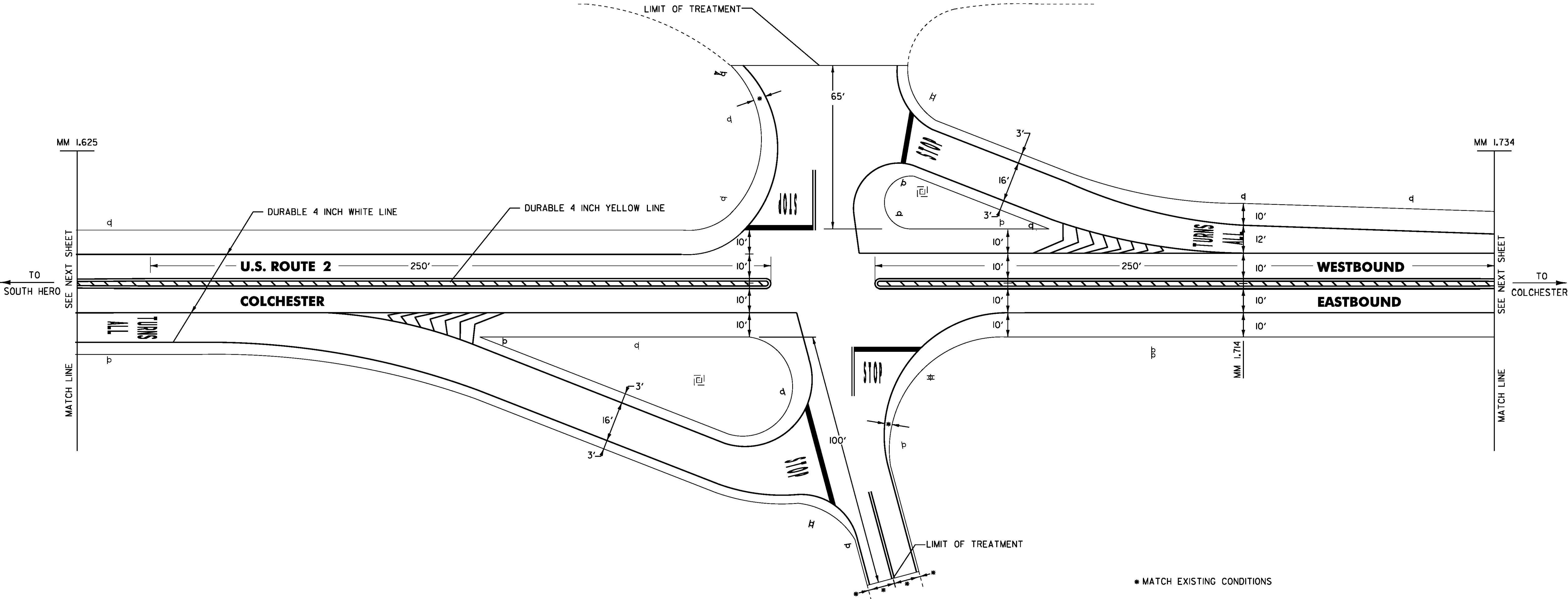
TEMPORARY 4 INCH YELLOW LINE
MM 1.625 TO 1.734, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR JASPER MINE RD.)
MM 1.682, LT. & RT. (JASPER MINE RD CENTERLINE
& EDGELINES)

TEMPORARY 8 INCH WHITE LINE
MM 1.625 TO 1.658, RT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16).
MM 1.698 TO 1.724, LT. (GORE & DIAGONALS
FOR DETAILS SEE SHEET 16)

TEMPORARY LETTER OR SYMBOL
MM 1.628, RT. - "ALL"
MM 1.630, RT. - "TURNS"
MM 1.682, LT. - "STOP" X 2
MM 1.682, RT. - "STOP" X 2
MM 1.711, LT. - "TURNS"
MM 1.714, LT. - "ALL"

TEMPORARY 24 INCH STOP BAR
MM 1.682, LT. X 2
MM 1.682, RT. X 2

TH-8
CLASS 2
JASPER MINE RD
MM 1.682

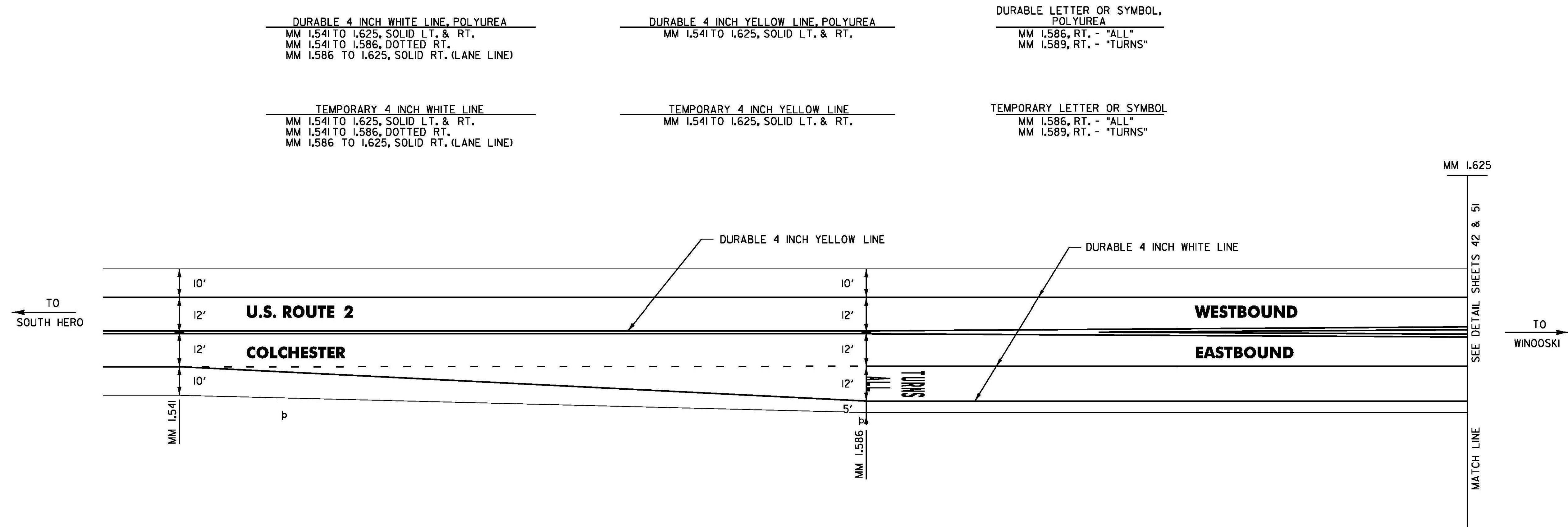


TH-8
CLASS 2
JASPER MINE RD
MM 1.682
(23' WIDE)

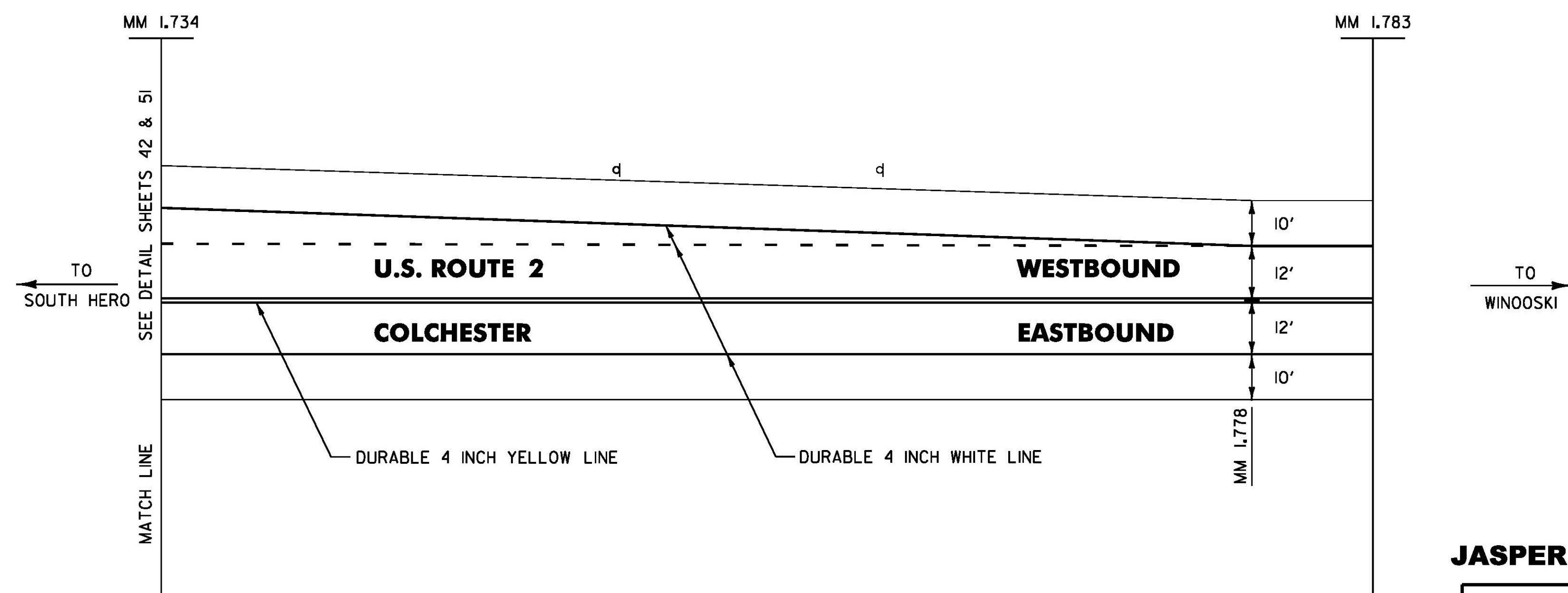
NOT TO SCALE

JASPER MINE RD.

COLCHESTER DETAIL SHEET 5	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: 12b322.dgn	PLOT DATE: 25-APR-2013
	PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
	DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
	12b322cds08.1	SHEET 65 OF 70



- DURABLE 4 INCH WHITE LINE**
MM 1.734 TO 1.778, SOLID LT. & RT.
MM 1.734 TO 1.778, DOTTED LT.
- TEMPORARY 4 INCH WHITE LINE**
MM 1.734 TO 1.778, SOLID LT. & RT.
MM 1.734 TO 1.778, DOTTED LT.
- DURABLE 4 INCH YELLOW LINE**
MM 1.734 TO 1.783, SOLID LT. & RT.
- TEMPORARY 4 INCH YELLOW LINE**
MM 1.734 TO 1.783, SOLID LT. & RT.



NOT TO SCALE

JASPER MINE RD.

**COLCHESTER
DETAIL
SHEET 6**

PROJECT NAME: ALBURGH-COLCHESTER	
PROJECT NUMBER: STP SURF(36)	
FILE NAME: 12b322.dgn	PLOT DATE: 25-APR-2013
PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
12b322cds09.1	SHEET 66 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 1.783 TO 1.786, SOLID LT. & RT.
MM 1.786 TO 1.845, DOTTED RT.
MM 1.786 TO 1.845, SOLID LT.

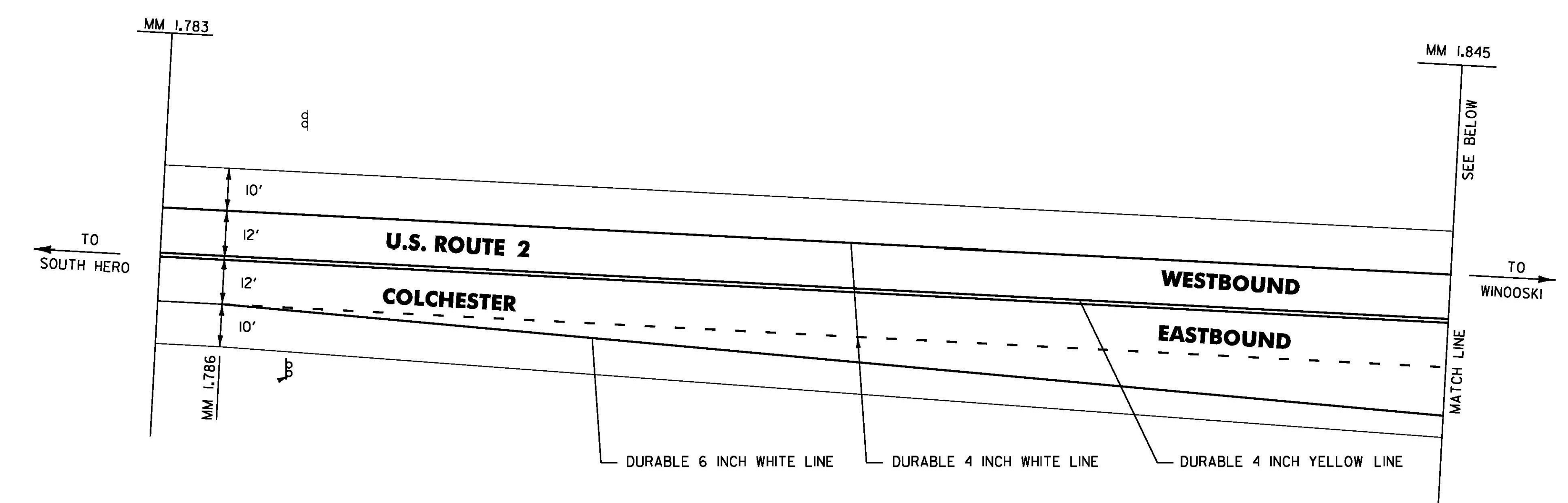
DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 1.786 TO 1.845, SOLID LT. & RT.

DURABLE 6 INCH WHITE LINE, POLYUREA
MM 1.786 TO 1.845, SOLID RT.

TEMPORARY 4 INCH WHITE LINE
MM 1.783 TO 1.786, SOLID LT. & RT.
MM 1.786 TO 1.845, DOTTED RT.
MM 1.786 TO 1.845, SOLID LT.

TEMPORARY 4 INCH YELLOW LINE
MM 1.786 TO 1.845, SOLID LT. & RT.

TEMPORARY 6 INCH WHITE LINE
MM 1.786 TO 1.845, SOLID RT.



DURABLE 4 INCH WHITE LINE, POLYUREA
MM 1.845 TO 1.877, SOLID LT.
MM 1.845 TO 1.852, DOTTED RT.
MM 1.877 TO 1.980, SOLID LT. & RT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 1.845 TO 1.926, SOLID LT. & RT.

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 1.852 TO 1.877, RT. (GORE & DIAGONALS)

DURABLE 6 INCH WHITE LINE, POLYUREA
MM 1.845 TO 1.876, SOLID RT.

DURABLE 6 INCH YELLOW LINE, POLYUREA
MM 1.877 TO 1.880, SOLID RT.

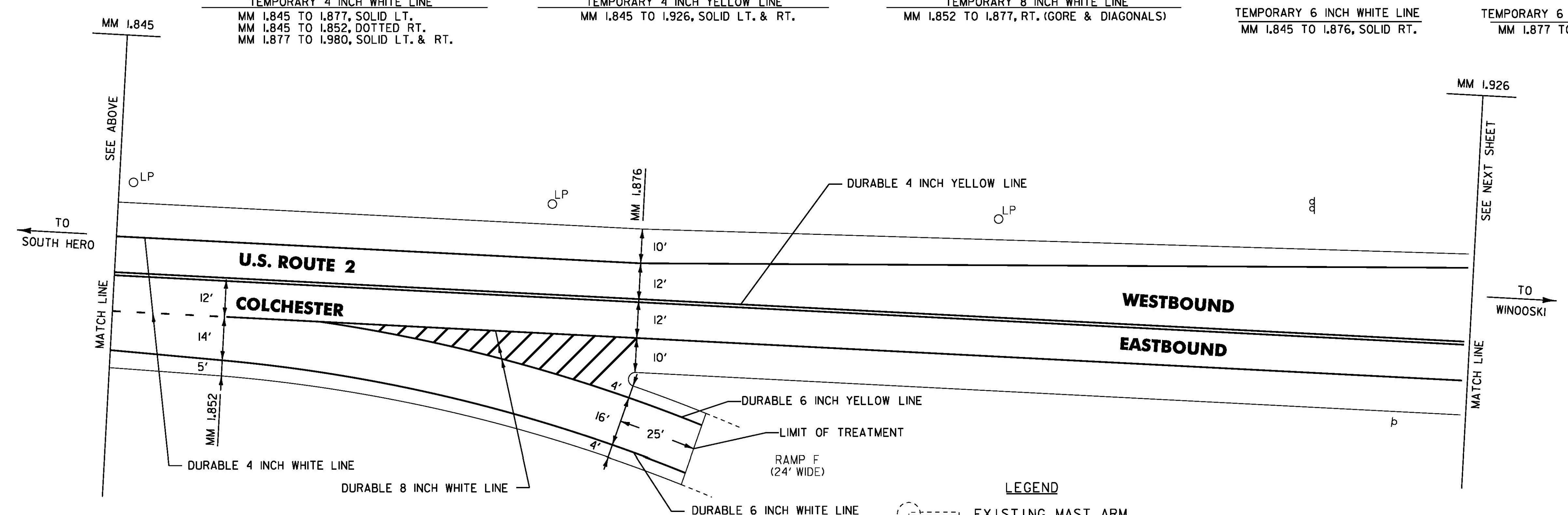
TEMPORARY 4 INCH WHITE LINE
MM 1.845 TO 1.877, SOLID LT.
MM 1.845 TO 1.852, DOTTED RT.
MM 1.877 TO 1.980, SOLID LT. & RT.

TEMPORARY 4 INCH YELLOW LINE
MM 1.845 TO 1.926, SOLID LT. & RT.

TEMPORARY 8 INCH WHITE LINE
MM 1.852 TO 1.877, RT. (GORE & DIAGONALS)

TEMPORARY 6 INCH WHITE LINE
MM 1.845 TO 1.876, SOLID RT.

TEMPORARY 6 INCH YELLOW LINE
MM 1.877 TO 1.880, SOLID RT.



LEGEND
--- EXISTING MAST ARM
--> NEW VIDEO CAMERA

NOT TO SCALE

COLCHESTER DETAIL SHEET 7	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: 12b322.dgn	PLOT DATE: 25-APR-2013
	PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
	DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
	12b322cds10.1	SHEET 67 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 1.926 TO 2.025, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR RAMP A & RAMP B)

TEMPORARY 4 INCH WHITE LINE
MM 1.926 TO 2.025, SOLID LT. & RT.
(WITH EDGE LINE BREAKS FOR RAMP A & RAMP B)

DURABLE 6 INCH WHITE LINE, POLYUREA
MM 1.942, LT. & RT. (RAMP A & RAMP B
EDGE LINES. FOR DETAILS REFER TO VTrans
STANDARD E-19)

TEMPORARY 6 INCH WHITE LINE
MM 1.942, LT. & RT. (RAMP A & RAMP B
EDGE LINES. FOR DETAILS REFER TO VTrans
STANDARD E-19)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 1.926 TO 2.025, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR RAMP A & RAMP B)

TEMPORARY 4 INCH YELLOW LINE
MM 1.926 TO 2.025, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR RAMP A & RAMP B)

DURABLE 6 INCH YELLOW LINE, POLYUREA
MM 1.942, LT. & RT. (RAMP A & RAMP B
EDGE LINES. FOR DETAILS REFER TO VTrans
STANDARD E-19)

TEMPORARY 6 INCH YELLOW LINE
MM 1.942, LT. & RT. (RAMP A & RAMP B
EDGE LINES. FOR DETAILS REFER TO VTrans
STANDARD E-19)

DURABLE LETTER OR SYMBOL,
POLYUREA

MM 1.949, LT. -
MM 1.965, LT. - "ONLY"
MM 1.982, LT. -
MM 1.996, LT. - "ONLY"
MM 2.011, LT. -

TEMPORARY LETTER OR SYMBOL

MM 1.949, LT. -
MM 1.982, LT. -
MM 2.011, LT. -

DURABLE 24 INCH STOP BAR,
POLYUREA

MM 1.933 RT
MM 1.942, LT.
MM 1.948 LT

TEMPORARY 24 INCH STOP BAR

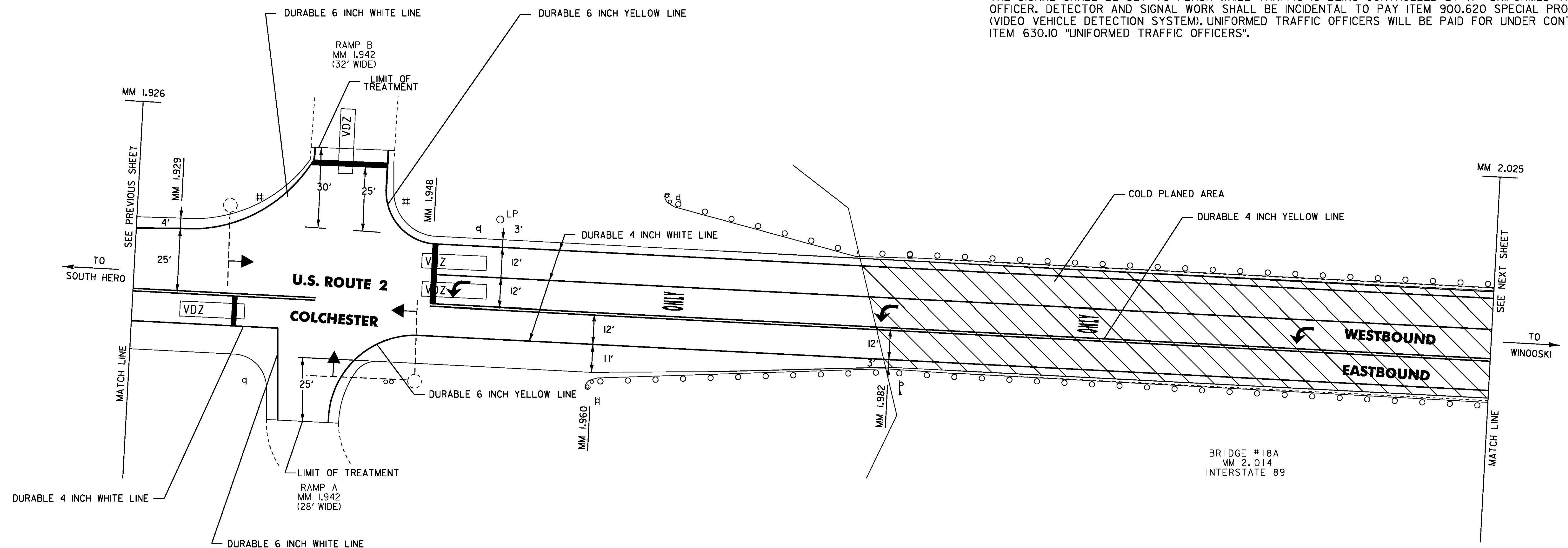
MM 1.933 RT
MM 1.942, LT.
MM 1.948 LT

VIDEO VEHICLE DETECTION SYSTEM NOTES:

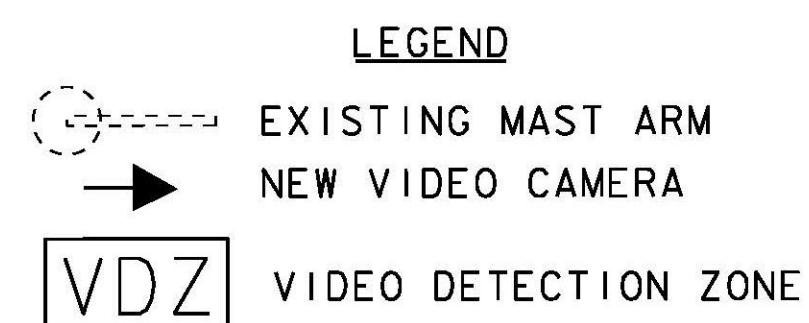
1. VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
2. VIDEO VEHICLE DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
3. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE EXISTING CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.
4. ANY OTHER MISCELLANEOUS EQUIPMENT AND LABOR NECESSARY TO PROVIDE A FULLY FUNCTIONAL VIDEO VEHICLE DETECTION SYSTEM SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM.)
5. ALL EXISTING VEHICLE DETECTOR LOOPS BEING REPLACED WITH VIDEO DETECTION ARE TO BE DISCONNECTED AT THE EXISTING PULLBOX LOCATIONS AND WIRING REMOVED BACK TO THE CABINET.
6. VIDEO VEHICLE DETECTION SYSTEM SHALL BE ONE OF THE MANUFACTURERS LISTED IN THE SPECIAL PROVISIONS OR APPROVED EQUAL.

TRAFFIC SIGNAL NOTES

PRIOR TO COLD PLANING, THE CONTRACTOR SHALL DISCONNECT THE VEHICLE DETECTOR LOOP IN THE CONTROLLER CABINET AND CUT IT AT THE CURB OR SHOULDER. ONCE THE VEHICLE DETECTOR LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE SET ON MAXIMUM RECALL OR THE SIGNAL SHALL BE SET TO FLASH WHILE TRAFFIC IS BEING CONTROLLED BY A UNIFORMED TRAFFIC OFFICER. DETECTOR AND SIGNAL WORK SHALL BE INCIDENTAL TO PAY ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM). UNIFORMED TRAFFIC OFFICERS WILL BE PAID FOR UNDER CONTRACT ITEM 630.10 "UNIFORMED TRAFFIC OFFICERS".



LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US 2@ US 2/RAMP A & RAMP B)	
VIDEO VEHICLE DETECTION CAMERAS	3



NOT TO SCALE

**COLCHESTER
DETAIL
SHEET 8**

PROJECT NAME: ALBURGH-COLCHESTER
PROJECT NUMBER: STP SURF(36)

FILE NAME: I2b322.dgn
PROJECT LEADER: FOWLER
DESIGNED BY: PVT. MGT.
I2b322cdsll.1

PLOT DATE: 25-APR-2013
DRAWN BY: PVT. MGT.
CHECKED BY: PVT. MGT.
SHEET 68 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 2.025 TO 2.052, SOLID LT. & RT.
MM 2.025 TO 2.052, DASHED LT.
MM 2.052 TO 2.074, SOLID RT.
MM 2.074 TO 2.125, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR RAMP E & RAMP C)
MM 2.113 TO 2.125, DOTTED RT.

TEMPORARY 4 INCH WHITE LINE
MM 2.025 TO 2.052, SOLID LT. & RT.
MM 2.025 TO 2.052, DASHED LT.
MM 2.052 TO 2.074, SOLID RT.
MM 2.074 TO 2.125, SOLID LT. & RT.
(WITH EDGELINE BREAK FOR RAMP E & RAMP C)
MM 2.113 TO 2.125, DOTTED RT.

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 2.025 TO 2.125, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR RAMP E & RAMP C)
MM 2.116 TO 2.125, DOUBLE SOLID LT. & RT.
(ISLAND APPROACH MARKINGS)
MM 2.119 TO 2.125, DOTTED RT.
MM 2.074 TO 2.101, DOTTED LT.

TEMPORARY 4 INCH YELLOW LINE
MM 2.025 TO 2.125, SOLID LT. & RT.
(WITH CENTERLINE BREAK FOR RAMP E & RAMP C)
MM 2.116 TO 2.125, DOUBLE SOLID LT. & RT.
(ISLAND APPROACH MARKINGS)
MM 2.119 TO 2.125, DOTTED RT.
MM 2.074 TO 2.101, DOTTED LT.

DURABLE 6 INCH WHITE LINE, POLYUREA
MM 2.049, LT. (RAMP D EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.106, LT. (RAMP E EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.120, LT. (RAMP C EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)

TEMPORARY 6 INCH WHITE LINE
MM 2.049, LT. (RAMP D EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.106, LT. (RAMP E EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.120, LT. (RAMP C EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)

DURABLE 6 INCH YELLOW LINE, POLYUREA
MM 2.048, LT. (RAMP D EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.106, LT. (RAMP E EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.120, LT. (RAMP C EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)

TEMPORARY 6 INCH YELLOW LINE
MM 2.048, LT. (RAMP D EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.106, LT. (RAMP E EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)
MM 2.120, LT. (RAMP C EDGELINES, FOR DETAILS
REFER TO VTrans STANDARD E-191)

DURABLE 8 INCH WHITE LINE, POLYUREA
MM 2.049 LT. (RAMP D GORE)
FOR DETAILS REFER TO VTrans STANDARD E-191)

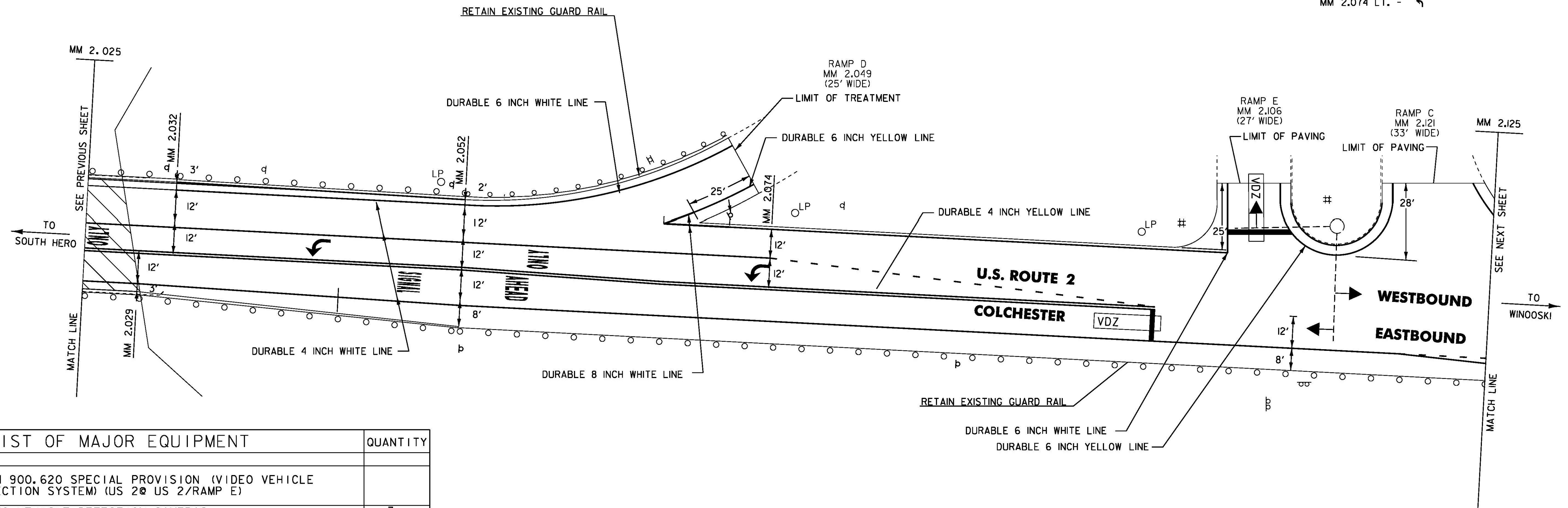
TEMPORARY 8 INCH WHITE LINE
MM 2.049 LT. (RAMP D GORE)
FOR DETAILS REFER TO VTrans STANDARD E-191)

DURABLE 24 INCH STOP BAR,
POLYUREA
MM 2.101, RT.
MM 2.106, LT.

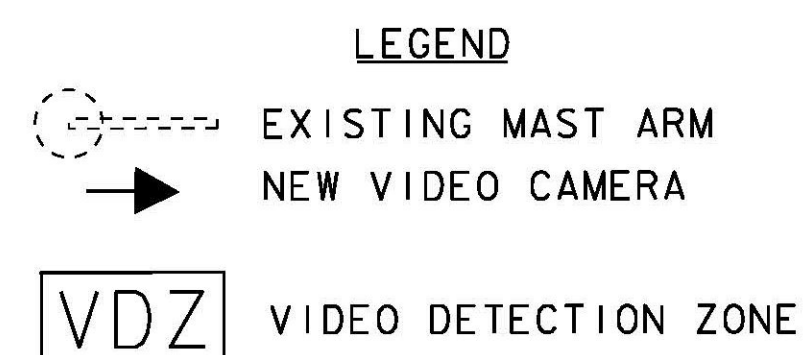
TEMPORARY 24 INCH STOP BAR
MM 2.101, RT.
MM 2.106, LT.

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 2.026 LT. - "ONLY"
MM 2.042 LT. - "S"
MM 2.049, RT. - "SIGNAL"
MM 2.057, RT. - "AHEAD"
MM 2.057 LT. - "ONLY"
MM 2.074 LT. - "S"

TEMPORARY LETTER OR SYMBOL
MM 2.026 LT. - "ONLY"
MM 2.042 LT. - "S"
MM 2.049, RT. - "SIGNAL"
MM 2.057, RT. - "AHEAD"
MM 2.057 LT. - "ONLY"
MM 2.074 LT. - "S"



LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US 20 US 2/RAMP E)	
VIDEO VEHICLE DETECTION CAMERAS	3



FOR VIDEO VEHICLE DETECTION SYSTEM NOTES, SEE SHEET 44.

NOT TO SCALE

COLCHESTER DETAIL SHEET 9	PROJECT NAME: ALBURGH-COLCHESTER	
	PROJECT NUMBER: STP SURF(36)	
	FILE NAME: I2b322.dgn	PLOT DATE: 25-APR-2013
	PROJECT LEADER: FOWLER	DRAWN BY: PVT. MGT.
	DESIGNED BY: PVT. MGT.	CHECKED BY: PVT. MGT.
	I2b322cdsl2.1	SHEET 69 OF 70

DURABLE 4 INCH WHITE LINE, POLYUREA
MM 2.125 TO 2.191, SOLID LT. & RT.
(WITH EDGE LINE BREAK FOR RAMP C)
MM 2.125 TO 2.151, DOTTED RT.
MM 2.151 TO 2.189, SOLID RT. (LANE LINE)

DURABLE 4 INCH YELLOW LINE, POLYUREA
MM 2.125 TO 2.169, DOUBLE SOLID LT. & RT.
MM 2.169 TO 2.191, SOLID LT. & RT.

DURABLE 6 INCH WHITE LINE, POLYUREA
MM 2.125 TO 2.136, SOLID LT. (RAMP C EDGE LINE).
FOR DETAILS REFER TO VTrans STANDARD E-191)

DURABLE 8 INCH YELLOW LINE,
POLYUREA
MM 2.135 TO 2.158, (DIAGONALS)

DURABLE 24 INCH STOP BAR,
POLYUREA
MM 2.135, LT.
MM 2.190, RT.

TEMPORARY 4 INCH WHITE LINE
MM 2.125 TO 2.191, SOLID LT. & RT.
(WITH EDGE LINE BREAK FOR RAMP C)
MM 2.125 TO 2.151, DOTTED RT.
MM 2.151 TO 2.189, SOLID RT. (LANE LINE)

TEMPORARY 4 INCH YELLOW LINE
MM 2.125 TO 2.169, DOUBLE SOLID LT. & RT.
MM 2.169 TO 2.191, SOLID LT. & RT.

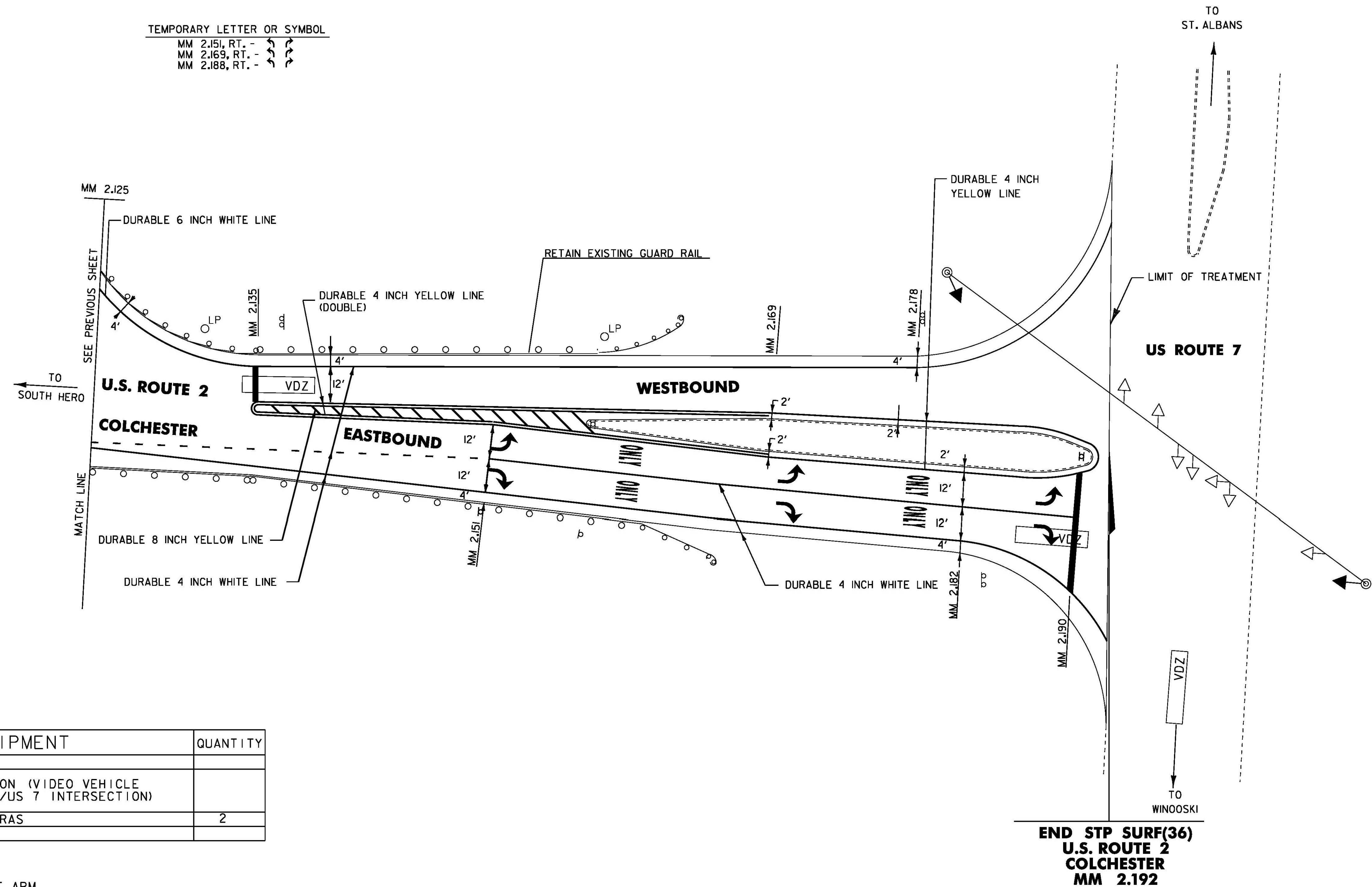
TEMPORARY 6 INCH WHITE LINE
MM 2.125 TO 2.136, SOLID LT. (RAMP C EDGE LINE).
FOR DETAILS REFER TO VTrans STANDARD E-191)

TEMPORARY 8 INCH YELLOW LINE
MM 2.135 TO 2.158, (DIAGONALS)

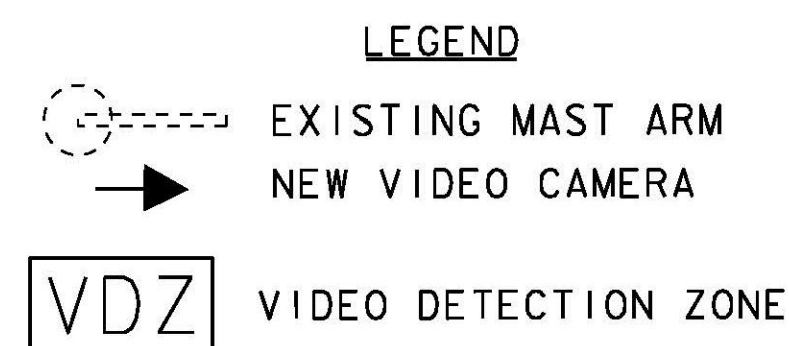
TEMPORARY 24 INCH STOP BAR
MM 2.135, LT.
MM 2.190, RT.

DURABLE LETTER OR SYMBOL,
POLYUREA
MM 2.151, RT. - 
MM 2.160, RT. - "ONLY" X 2
MM 2.169, RT. - 
MM 2.178, RT. - "ONLY" X 2
MM 2.188, RT. - 

TEMPORARY LETTER OR SYMBOL
MM 2.151, RT. - 
MM 2.169, RT. - 
MM 2.188, RT. - 



LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US 2@ US 7/US 7 INTERSECTION)	
VIDEO VEHICLE DETECTION CAMERAS	2

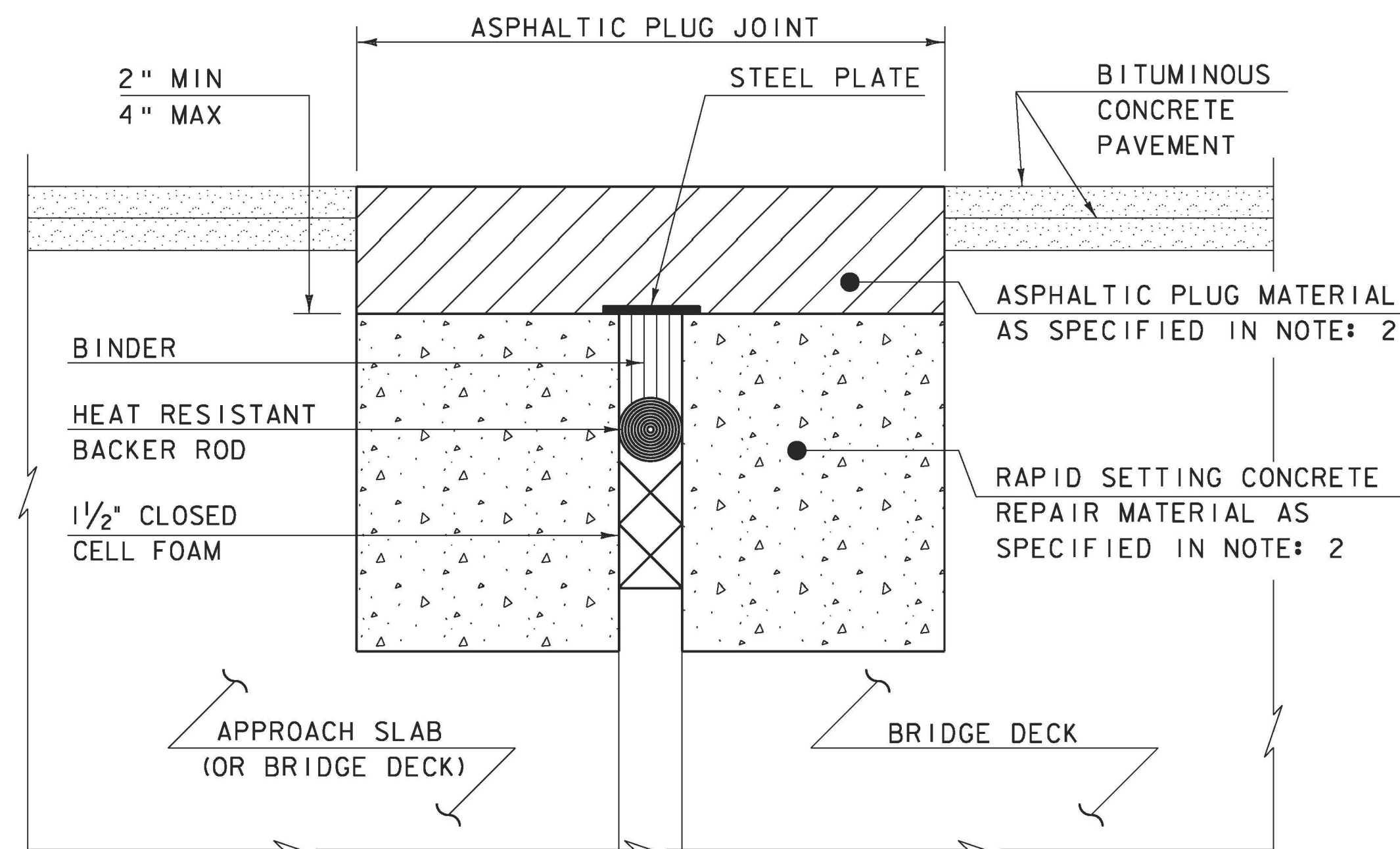


FOR VIDEO VEHICLE DETECTION SYSTEM NOTES, SEE SHEET 44.

NOT TO SCALE

COLCHESTER
DETAIL
SHEET 10

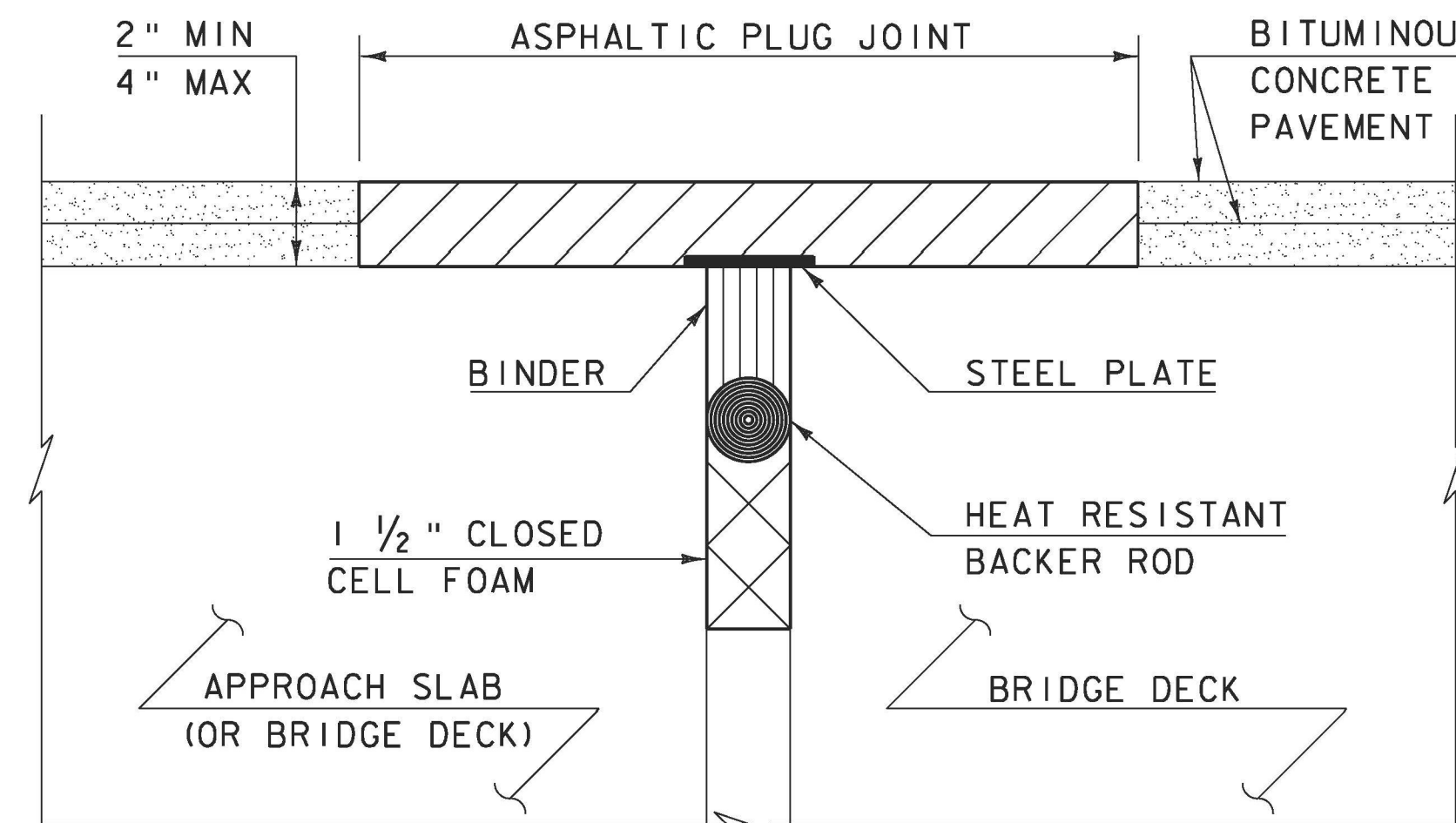
PROJECT NAME:	ALBURGH-COLCHESTER
PROJECT NUMBER:	STP SURF(36)
FILE NAME:	12b322.dgn
PROJECT LEADER:	FOWLER
DESIGNED BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
PLOT DATE:	25-APR-2013
DRAWN BY:	PVT. MGT.
CHECKED BY:	PVT. MGT.
SHEET	70 OF 70



ASPHALTIC PLUG-TYPE JOINT DETAIL - REHAB

NOTES: (NOT TO SCALE)

1. THE CONTRACTOR SHALL REMOVE ALL ASPHALTIC PLUG JOINT MATERIAL AND DETERIORATED CONCRETE AS DIRECTED BY THE ENGINEER. REMOVAL OF THE FIRST 4 INCHES OF MATERIAL SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG. ANY REMOVAL OF MATERIAL GREATER THAN 4 INCHES SHALL BE INCLUDED IN THE BID PRICE OF ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
2. THE CONTRACTOR SHALL REPLACE REMOVED MATERIAL THAT IS LESS THAN 4" FROM FINISHED GRADE WITH ASPHALTIC PLUG JOINT MATERIAL MEETING THE REQUIREMENTS OF SUBSECTION 707.15. ALL REMOVED MATERIAL THAT IS GREATER THAN 4 INCHES FROM FINISHED GRADE SHALL BE REPLACED WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE MEETING THE REQUIREMENTS OF SUBSECTION 780.04.
3. REINFORCING STEEL NOT SHOWN FOR CLARITY.



ASPHALTIC PLUG-TYPE JOINT DETAIL - NEW (NOT TO SCALE)

ASPHALTIC PLUG JOINT NOTES

INSTALLATION:

1. LOCATE THE JOINT CENTRALLY OVER THE DECK OVERLAY EXPANSION GAP OR FIXED JOINT, MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. REMOVE THE BITUMINOUS CONCRETE PAVEMENT FULL DEPTH AS SHOWN ON THE PLANS. THE PAVEMENT SHALL BE DRY AND SAW CUT TO THE LIMITS REQUIRED TO PLACE THE JOINT. A PNEUMATIC HAMMER AND CHISEL MAY BE USED ADJACENT TO THE CURB ONLY WHEN SAW CUTTING IS NOT POSSIBLE.
3. BLAST CLEAN THE JOINT AREA OF DEBRIS, ASPHALT AND SHEET MEMBRANE. THOROUGHLY DRY THE JOINT AREA WITH COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. REPAIR MATERIAL GREATER THAN 4 INCHES FROM FINISHED GRADE WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE MEETING THE REQUIREMENTS OF SUBSECTION 780.04.
5. PLACE PROPERLY SIZED HEAT RESISTANT BACKER ROD IN THE MOVEMENT GAP ALLOWING FOR 1" +/- OF BINDER ABOVE THE ROD.
6. HEAT AND PLACE THE BINDER MATERIAL AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRE-STAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER. THE STEEL PLATES MAY BE OMITTED WHERE THE ENGINEER DETERMINES THAT THE APPROACH SLAB OR BRIDGE DECK WILL PROVIDE INADEQUATE SUPPORT AND WHERE VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. HEAT AND MIX THE BINDER MATERIAL AND AGGREGATE AS RECOMMENDED BY THE MANUFACTURER.
9. INSTALLATION OF MATERIAL, COMPACTION, AND TOP COATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOP COATING, CAST AN ANTI-SKID MATERIAL OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. ONCE THE JOINT REACHES 82 DEG C (180 DEG F) +/-, WATER MAY BE USED TO EXPEDITE THE COOLING PROCESS.
12. PROTECT JOINT FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 51 DEG C (125 DEG F) +/-.

WEATHER LIMITATIONS

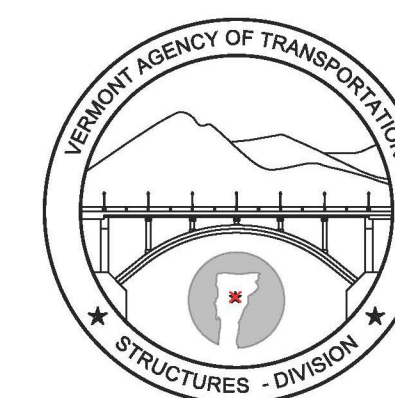
APPLY BINDER MATERIAL ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL OR AS RECOMMENDED BY THE MANUFACTURER:

1. THE AMBIENT AIR TEMPERATURE IS AT LEAST 10 DEG C (50 DEG F) AND RISING.
2. THE ROAD SURFACE IS DRY.
3. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.

REVISIONS

MAY 7, 2010	APPROVED FOR USE BY VAOT STRUCTURES SECTION

BRIDGE JOINT ASPHALTIC PLUG



STRUCTURES DETAIL SD-516.10