INDEX OF SHEETS

SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

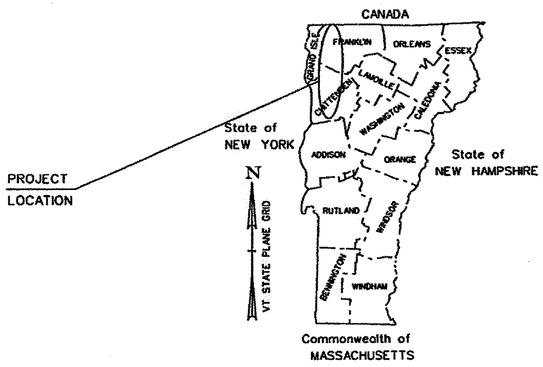
PROPOSED IMPROVEMENT

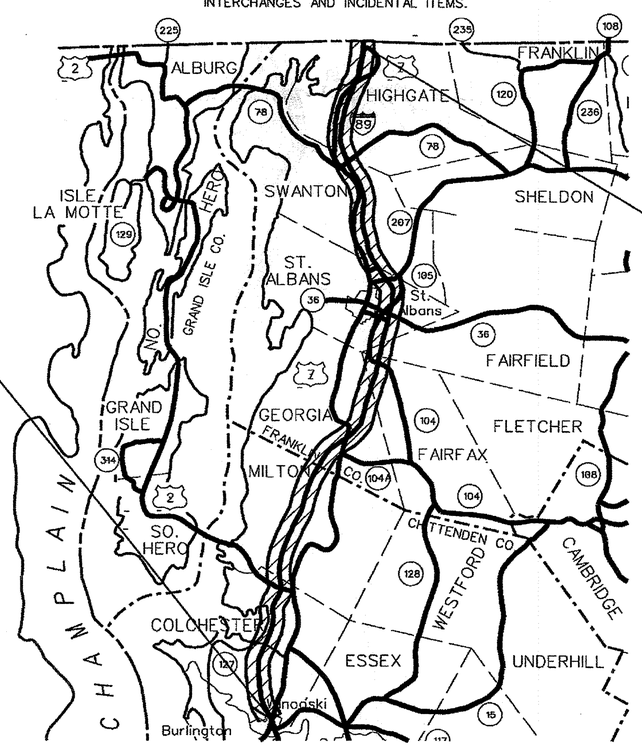
TOWNS OF COLCHESTER - HIGHGATE
COUNTIES OF CHITTENDEN AND FRANKLIN
VERMONT INTERSTATE 89

BEGINNING NEAR THE WINOOSKI - COLCHESTER TOWN LINE ON INTERSTATE 89 AT MILE MARKER 90.877 AND EXTENDING NORTHERLY FOR BOTH THE NORTHBOUND AND SOUTHBOUND LANES A DISTANCE OF 39.073 MILES AND ENDING AT THE U-TURN JUST PRIOR TO THE VERMONT - CANADA BORDER AT MILE MARKER 129.950.

LENGTH OF ROADWAY = 39.073 MILES
LENGTH OF PROJECT = 39.073 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS AND POSTS AND THE INSTALLATION OF NEW SIGNS AND SIGN POSTS AND ASSOCIATED ELEMENTS ALONG THE PROJECT LENGTH, RAMPS, INTERCHANGES AND INCIDENTAL ITEMS.





BEGIN PROJECT
IMG SIGN (17)
COLCHESTER MM 90.887

END PROJECT
IMG SIGN (17)
HIGHGATE MM 129.950

RECORD PLANS

CONTRACTOR: F. R. LAFAYETTE, INC. - ESSEX JUNCTION, VT

RESIDENT ENGINEER: DAVID HALE

CONSTRUCTION BEGAN: APRIL 5, 2010

CONSTRUCTION COMPLETE: MAY 11, 2012

RECORD PLANS BY: DAVID HALE & CRAIG PIERCE

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

BY David F. Hale RESIDENT ENGINEER

DATE 4/11/14

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

CONVENTIONAL SYMBOLS

COUNTY LINE	COUNTY LINE
TOWN LINE	TOWN LINE
LIMITS OF ACCESS	
POINT OF ACCESS	X
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	SR SR SR
TOP OF CUT	
TOE OF SLOPE	

DuBois & King inc.
engineering planning management development

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

STATE OF VERMONT
EVAN P. DETRICK
NO. 9452
LICENSED
PROFESSIONAL ENGINEER

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Richard Farnsworth DATE 8-10-09

PROJECT MANAGER: AMY GAMBLE, P.E.

PROJECT NAME: COLCHESTER - HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

SHEET 1 OF 221 SHEETS

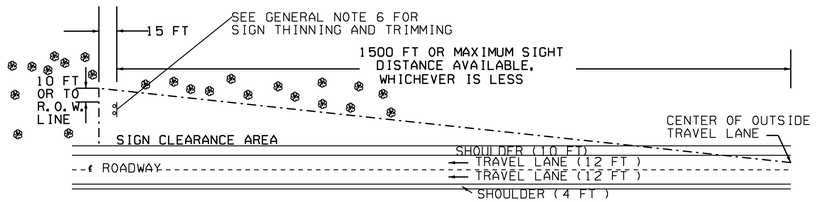
INDEX OF SHEETS

VAOT STANDARDS

E-100	CONSTRUCTION APPROACH SIGNS	1/02/04
E-101	CONSTRUCTION SIGN DETAILS	5/30/03
E-102	CONSTRUCTION SIGN DETAILS	6/30/03
E-102A	CONSTRUCTION SIGN DETAILS	5/01/04
E-103	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	3/01/04
E-105	TRAFFIC CONTROL FOR CONSTRUCTION VEHICLE, U-TURN ON DIVIDED HIGHWAY	5/01/04
E-106	TRAFFIC CONTROL-MISCELLANEOUS DETAILS	3/01/04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	6/30/03
E-107A	BREAKAWAY BARRICADE DETAILS	6/08/09
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	8/08/95
E-111	MINOR MAINTENANCE OPERATION	3/11/97
E-119	UTILITY WORK ZONE	3/01/04
E-120	STANDARD SIGN PLACEMENT EXPRESSWAY & FREEWAY	8/08/95
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	8/08/95
E-123	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	3/16/04
E-125	TRAVEL INFORMATION SIGNS	8/08/95
E-126	TYPICAL FREEWAY INTERCHANGE SIGNING	2/01/00
E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	8/08/95
E-130	TYPE "B" GUIDE SIGN ATTACHMENT DETAILS	8/08/95
E-131	GUIDE SIGN DETAILS	8/08/95
E-131B	BICYCLE GUIDE SIGN DETAILS	5/03/03
E-132	GENERAL MOTORIST SERVICES SIGN DETAILS	8/18/95
E-133	SERVICE SIGN DETAILS	8/08/95
E-134	BRIDGE NUMBER PLAQUE	8/08/95
E-136B	STATE ROUTE MARKER SIGN DETAILS	8/08/95
E-138	MILE MARKER DETAILS STATE & TOWN HIGHWAYS	5/30/03
E-140	REGULATORY SIGN DETAILS	8/30/96
E-141	REGULATORY SIGN DETAILS	9/20/95
E-142	REGULATORY SIGN DETAILS	9/20/95
E-143	REGULATORY SIGN DETAILS	6/15/04
E-144	REGULATORY SIGN DETAILS	3/29/99
E-145A	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS TWO AND FOUR LANE APPROACHES	12/23/94
E-150	WARNING SIGN DETAILS	5/01/04
E-153B	WARNING SIGN DETAILS	5/30/03
E-154	WARNING SIGN DETAILS	5/01/04
E-155	WARNING SIGN DETAILS	5/01/04
E-161	W-SHAPED STEEL SIGN POST	8/18/95
E-162	TUBULAR ALUMINUM SIGN POST	5/20/99
E-163	TUBULAR STEEL SIGN POST	5/20/99
E-164	SQUARE STEEL SIGN POST	6/08/09
E-197	DELINEATOR PLACEMENT TYPICAL	4/01/05
E-198	FREEWAY - EXPRESSWAY DELINEATORS AND MILE POSTS	4/01/05
E-199	FREEWAY - EXPRESSWAY DELINEATOR AND MILE POST MOUNTING ON BRIDGE RAIL	4/01/05

GENERAL NOTES

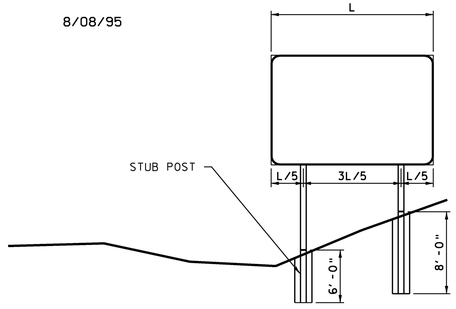
1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VEMONT AGENCY OF TRANSPORTATION (VTRANS) STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2006, AND ITS LATEST REVISIONS, THE STANDARD HIGHWAY SIGNS BOOK (SHS), DATED 2004 AND ITS LATEST REVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2003, AND ITS LATEST REVISIONS.
2. ALL INDICATED SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER. SIGNS NOT INDICATED ON THESE PLANS ARE TO BE RETAINED. ALL NEW SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2003, AND ITS LATEST REVISIONS, APPLICABLE VTRANS E-SERIES STANDARDS OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THESE PLANS, APPLICABLE VTRANS E-SERIES STANDARD, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2003, AND ITS LATEST REVISIONS OR AS DIRECTED BY THE RESIDENT ENGINEER.
4. THE CONTRACTOR SHALL REVIEW AND UNDERSTAND ALL APPLICABLE PERMITS PRIOR TO CONSTRUCTION AND ENSURE THAT ALL CONSTRUCTION CONDITIONS ARE MET.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY BEYOND THAT SHOWN ON THE PLANS CAUSED BY THE CONTRACTOR, AT THE SOLE COST OF THE CONTRACTOR.
6. THINNING AND TRIMMING MAY BE REQUIRED AT VARIOUS SIGN LOCATIONS THROUGHOUT THE PROJECT. THIS WORK SHALL INCLUDE REMOVAL OF ANY TREES, SHRUBS, OR OVERGROWTH NECESSARY TO PROVIDE LINE OF SIGHT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE PAID UNDER ITEM 201.31, "THINNING AND TRIMMING FOR SIGNS". A DETAIL FOR THIS ITEM IS SHOWN ON THIS SHEET.
7. THE CONTRACTOR SHALL ERECT THE NEW POSTS AND MOUNT THE NEW SIGNS BEHIND THE EXISTING SIGNS PRIOR TO REMOVING THE OLD SIGNS AND POSTS WHERE APPLICABLE, OR AS DIRECTED BY THE RESIDENT ENGINEER. THE EXCEPTION TO THIS IS THE INSTALLATION OF THE OVERHEAD SIGNS.
8. ALL RE-USABLE (AS DETERMINED BY THE AGENCY) SIGNS, SIGN POSTS (INCLUDING TRAFFIC SIGN BRIDGES) AND DELINEATORS SHALL REMAIN THE PROPERTY OF THE STATE AND DELIVERED TO THE NEAREST VAOT MAINTENANCE FACILITY IN ACCORDANCE WITH THE SPECIAL PROVISIONS. ALL COSTS FOR LOADING, DELIVERING, UNLOADING AND STOCKPILING THESE SALVAGED MATERIALS WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM 675.50. NOTE THAT EQUIPMENT MAY BE REQUIRED FOR LOADING/UNLOADING LARGER ITEMS.
9. ALL EXISTING SIGN POSTS TO BE REMOVED SHALL BE REMOVED COMPLETELY. FOUNDATIONS SHALL BE REMOVED TO A DEPTH OF AT LEAST ONE FOOT BELOW THE GROUND SURFACE. ALL WORK ASSOCIATED WITH REMOVING SIGNS AND SIGN POSTS WILL BE PAID UNDER ITEM 675.50, "REMOVING SIGNS".
10. THE OVERHEAD SIGN REPLACEMENT AT INTERCHANGE 16 INCLUDES ALL BRACKETS AND HARDWARE NECESSARY TO MOUNT THE SIGNS TO THE BRIDGE. ALL WORK ASSOCIATED WITH THESE SIGNS SHALL BE PAID INCIDENTAL TO ITEM 675.21, "TRAFFIC SIGNS, TYPE B".
11. SIGNS SHOWN ON THESE PLANS GENERALLY REPLACE EXISTING SIGNS. EXISTING SIGNS OF A SIMILAR NATURE IN THE VICINITY OF INSTALLED SIGNS SHALL BE REMOVED TO ENSURE THAT MOTORISTS ARE NOT CONFUSED BY REDUNDANT OR CONFLICTING SIGNS.
12. ALL SIGNS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE NEAREST UTILITY POLE.
13. PRIOR TO ORDERING ANY SIGNS, THE CONTRACTOR SHALL REVIEW ALL SIGNS IN THE FIELD WITH THE RESIDENT ENGINEER.



THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS, TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FT BELOW THE BOTTOM OF THE SIGN, WHICH EVER IS LESS. PAYMENT WILL BE FOR THINNING AND TRIMMING (FOR SIGNS) ITEM 201.31 AND PAID FOR PER EACH. (NO CHEMICALS (POISONS OR DEFOLIANTS) ALLOWED). LOCATIONS OF SIGNS WHERE THINNING AND TRIMMING IS ANTICIPATED IS INDICATED ON THE TRAFFIC SIGN SUMMARY SHEETS.

THINNING AND TRIMMING DETAIL

(INTERSTATE)



SPECIAL W-SHAPE FOOTING DETAIL

NOTES:

1. THE LONGER CONCRETE FOOTING SHALL BE USED ON ALL UP HILL POST LOCATIONS IDENTIFIED IN THE CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
2. REFER TO VTRANS STANDARD E-161 FOR NOTES AND DETAILS REGARDING CONCRETE FOOTINGS.
3. PAYMENT FOR THE LONGER CONCRETE FOOTINGS SHALL BE PAID FOR UNDER ITEM 900.620 "SPECIAL PROVISION (FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER)".

INDEX OF SHEETS & GENERAL NOTES

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016INDEX.I
PLOT DATE: 9/2/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 2 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES		TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
Roadway	Full C.E.	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
19		19		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	EST			
1		1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
200		200		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST			
180		180		HR	FLAGGERS	630.15	EST			
	1	1		LS	FIELD OFFICE, ENGINEERS	631.10	-			
	1	1		LS	TESTING EQUIPMENT, CONCRETE	631.16	-			
	1	1		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
1		1		LS	MOBILIZATION/DEMOBILIZATION	635.11	EST			
1		1		LS	TRAFFIC CONTROL	641.10	EST			
2		2		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
2		2		EACH	PORTABLE ARROW BOARD	641.16	-			
60		60		LB	SEED	651.15	EST			
1.5		1.5		TON	HAY MULCH	651.25	EST			
7700		7700		SF	TRAFFIC SIGNS, TYPE A	675.20	92.31			
13300		13300		SF	TRAFFIC SIGNS, TYPE B	675.21	45.5			
74000		74000		LB	W-SHAPE STEEL SIGN POST	675.31	110			
400		400		LB	TUBULAR ALUMINUM SIGN POST	675.32	4			
22500		22500		LB	TUBULAR STEEL SIGN POST	675.33	42			
13200		13200		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	96			
151		151		EACH	FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER	675.41	-			
17		17		EACH	FOUNDATION FOR W-SHAPE STEEL POST, 30 INCH DIAMETER	675.42	-			
182		182		EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-			
1340		1340		EACH	REMOVING SIGNS TYPE A	675.50				
115		115		EACH	REMOVING SIGNS TYPE B	675.50				
60		60		EACH	ERECTING SALVAGED SIGNS	675.60	2			
3860		3860		EACH	DELINEATOR WITH STEEL POST	676.10	2			
3870		3870		EACH	REMOVAL OF EXISTING DELINEATOR	676.12	-			
12		12		EACH	DELINEATOR WITH FLEXIBLE POST	676.20	-			
1		1		EACH	OVERHEAD TRAFFIC SIGN SUPPORT, MULTI-SUPPORT	677.13	-			
13		13		EACH	SPECIAL PROVISION (FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER)	900.620				
2		2		EACH	SPECIAL PROVISION (REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI-SUPPORT)	900.620				

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT DATE:
DRAWN BY: BMB
CHECKED BY: EPD
SHEET OF 221

TABLE OF DELINEATOR QUANTITIES

LOCATION		676.10						676.12	676.20	REMARKS
		TYPE I GUARD RAIL ENDS	TYPE I RAMPS	TYPE II	TYPE III	TYPE I WITH PLAQUE	TYPE I WITHOUT PLAQUE	REMOVAL OF EXISTING DELINEATOR	DELINEATOR WITH FLEXIBLE POST	
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
NORTHBOUND		152		780		780		1712		BEGIN AT MM 90.90
										END AT MM 129.95
SOUTHBOUND		216		780		780		1776		BEGIN AT MM 129.95
										END AT MM 90.90
INTERCHANGE 17			24	6	18			48		
INTERCHANGE 19			62	20	16			110	12	
INTERCHANGE 20			22	28	16			66		
INTERCHANGE 21			20	35	8			63		
INTERCHANGE 22			27	26	10			63		
NB REST AREA				16				16		
SB REST AREA				16				16		
TOTAL		368	155	1707	68	1560		3870	12	

SEEDING FORMULA

% BY WEIGHT	LBS/ACRE	NAME	PURITY (%)	GERMINATION (%)
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

SEEDING NOTES:

1) SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
2) SEED IS TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE ENGINEER.
3) HAY MULCH IS TO BE PLACED ON SEEDED AREAS AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

MISCELLANEOUS DETAILS

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016MISCDETI.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 4 OF 221

LOCATION	NEW SIGNS (SF)		EXISTING SIGN REMOVAL (EA)		SALVAGED SIGNS (EA)	NUMBER OF NEW SQUARE STEEL POSTS (LB/FT) (EA)			NEW TUBULAR ALUMINUM POSTS (LBS) (DIAMETER IN INCHES)		NEW TUBULAR STEEL POSTS (LBS) (DIAMETER IN INCHES)				FOUNDATIONS FOR TUBULAR STEEL POSTS (EA)	24 INCH FOOTINGS (EA)	30 INCH FOOTINGS (EA)	SPECIAL 8 FOOT 24 INCH FOOTINGS (EA)	SPECIAL 8 FOOT 30 INCH FOOTINGS (EA)	W-SHAPE STEEL (LBS)
	TYPE A	TYPE B	TYPE A	TYPE B		1.88	2.42	3.35	3.0	4.0 (MOD)	3.0	3.5	4.0	5.0						
Northbound Mainline	2033.57	6002.25	251	50	1	39	149	78			4560	1620			52	71	11	6		35600
Southbound Mainline	2357.52	5674.00	272	51	1	27	167	88			4104	3780			64	74	2	7		30900
Interchange 16		282.00		4																450
Interchange 17	567.28	976.50	144	5	7	3	53	4		102	912	810			14	6	4			6940
Interchange 18	418.74		109		5	5	31	6		51	912	270			10					
Interchange 19	312.35	319.75	70	2		7	24	6			684			438	8					
Interchange 20	378.58		121		27	5	19	17	39	153	912	270			10					
Interchange 21	544.85		150		13	6	17	21		51	1140	270	864		16					
Interchange 22	501.14		132		4	8	53	11			912				8					
NB Weigh Station	134.25		20				20													
NB Rest Area	118.58		24			1	26													
SB Weigh Station	112.08		19			1	21													
SB Rest Area	128.75		25				32													
Total	7607.69	13254.50	1337	112	58	102	612	231	39	357	14136	7020	864	438	182	151	17	13		73890

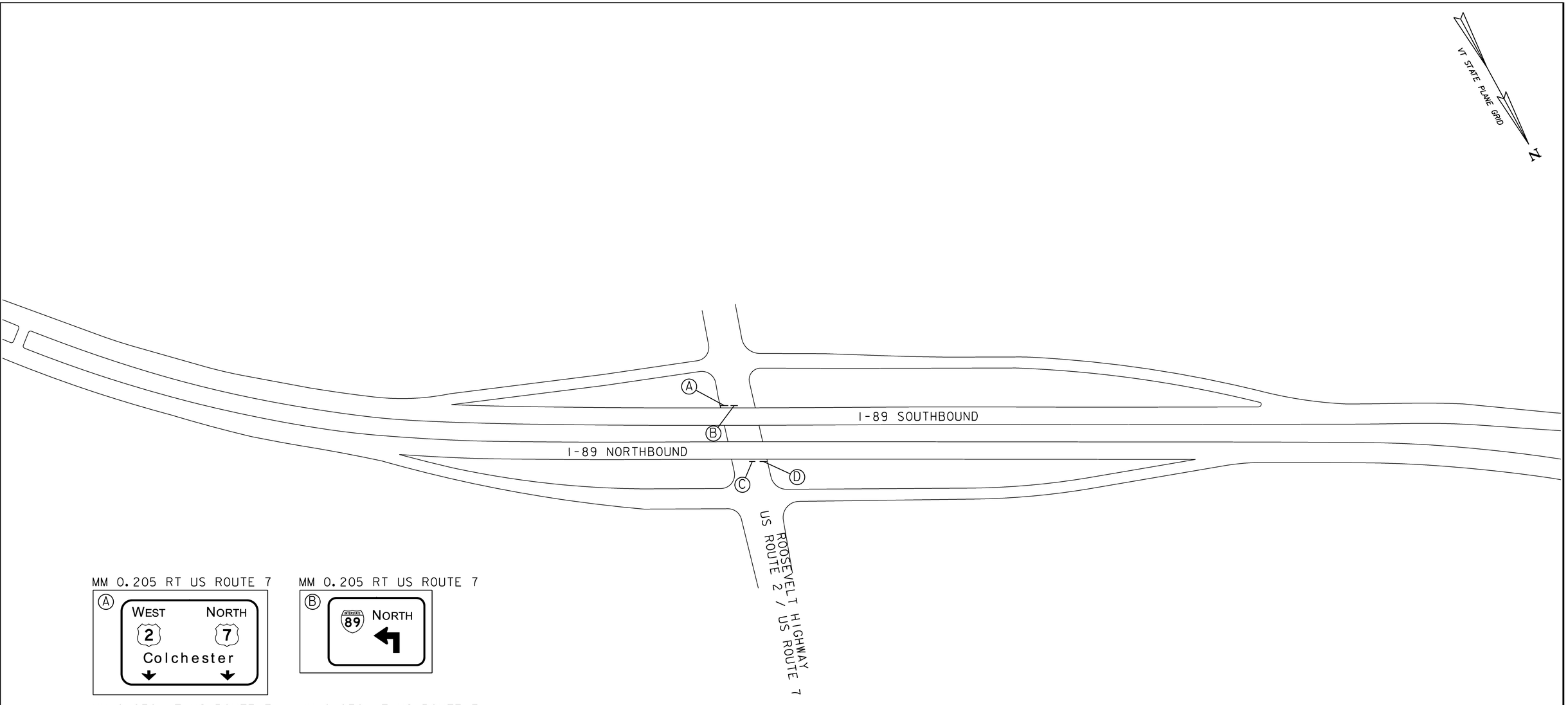
TABLE SUMMARIZING SIGNS

NEW SIGN TABULATION SHEET

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016NEWSTAB.1

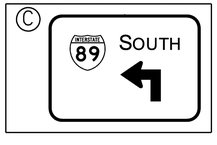
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 5 OF 221



MM 0.205 RT US ROUTE 7

MM 0.205 RT US ROUTE 7

MM 0.230 LT US ROUTE 7



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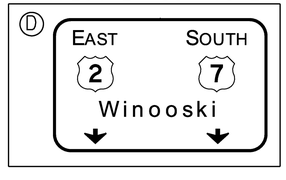


NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED.

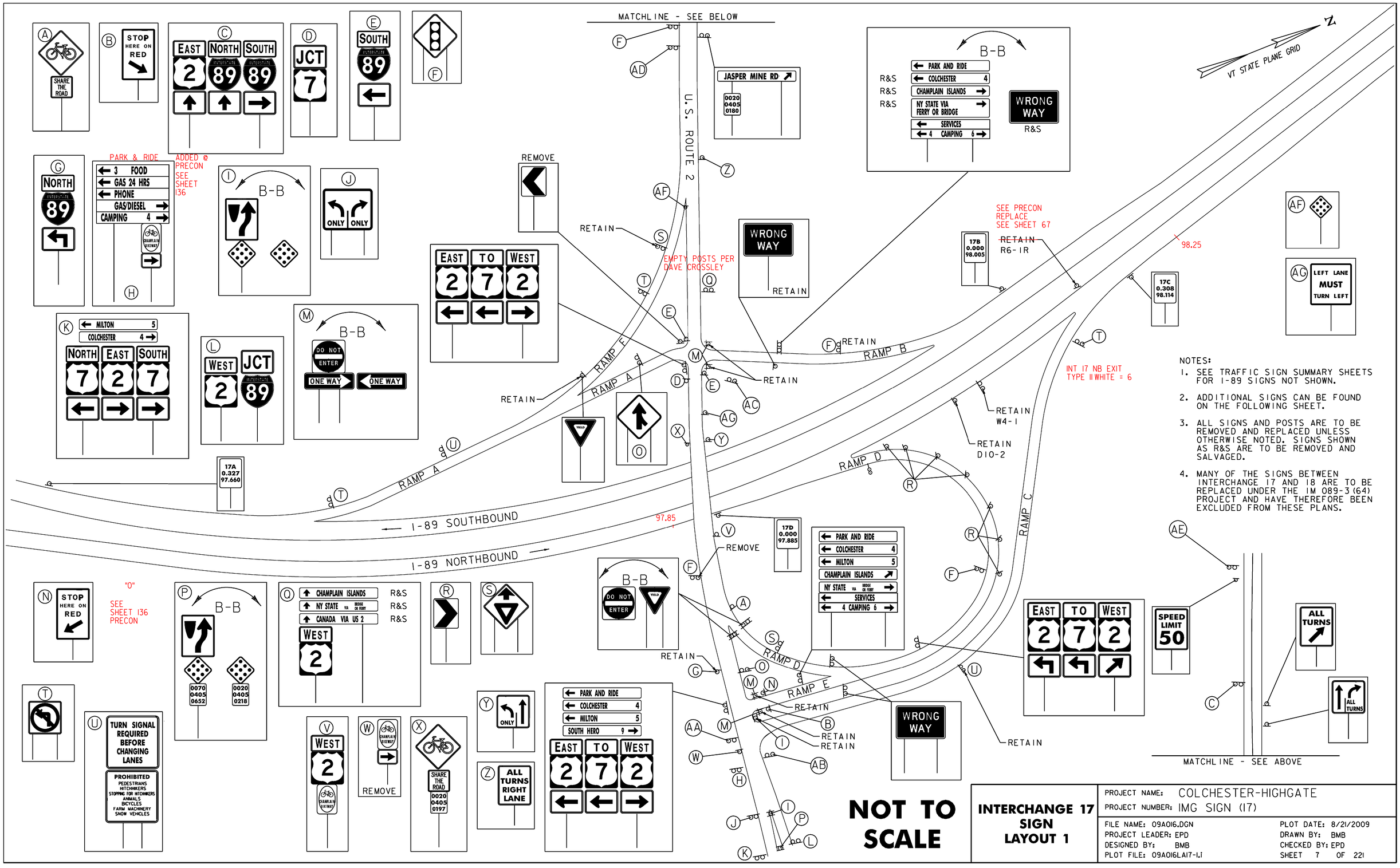
NOT TO SCALE

INTERCHANGE 16 SIGN LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LA16-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 6 OF 221

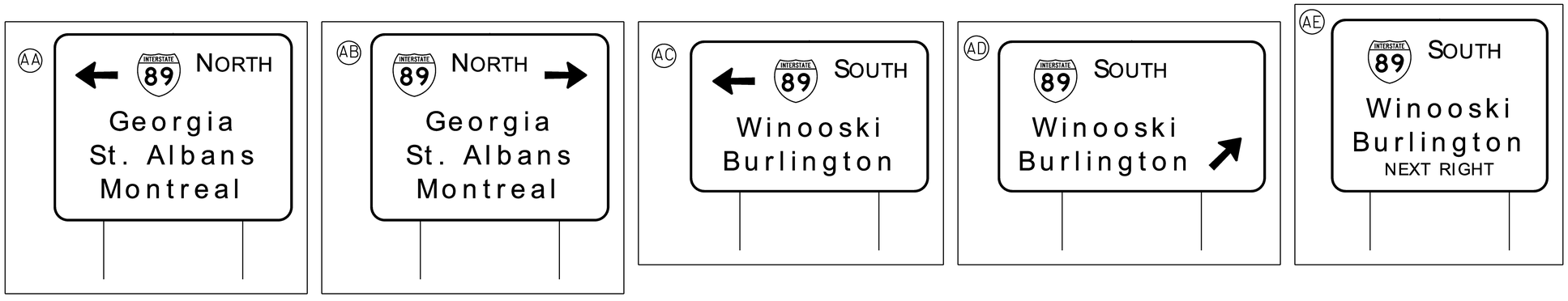


INTERCHANGE 17 SIGN LAYOUT 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LAI7-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 7 OF 221



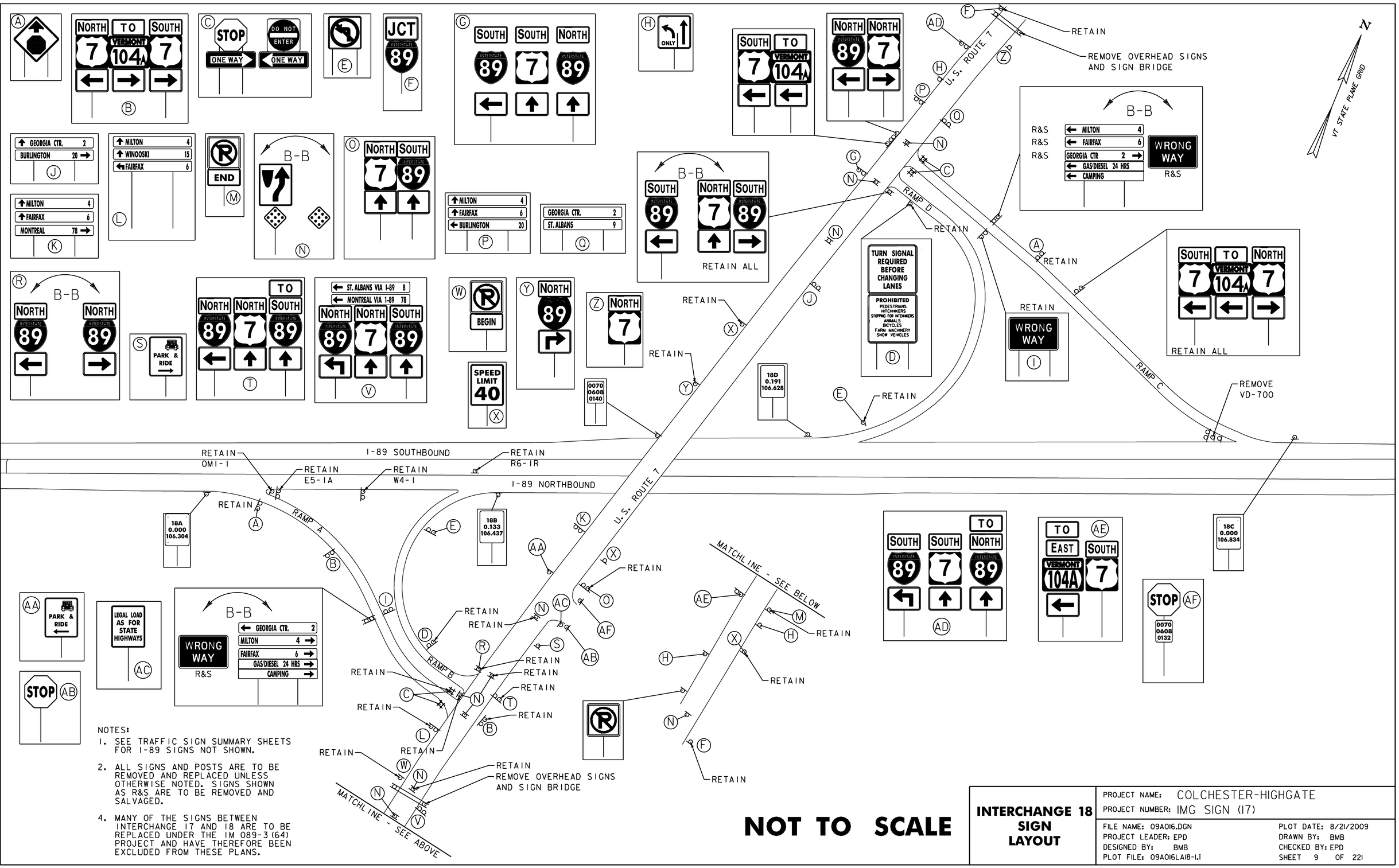
NOT TO SCALE

INTERCHANGE 17
SIGN
LAYOUT 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LAI7-2.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 8 OF 221



NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.
4. MANY OF THE SIGNS BETWEEN INTERCHANGE 17 AND 18 ARE TO BE REPLACED UNDER THE IM 089-3(64) PROJECT AND HAVE THEREFORE BEEN EXCLUDED FROM THESE PLANS.

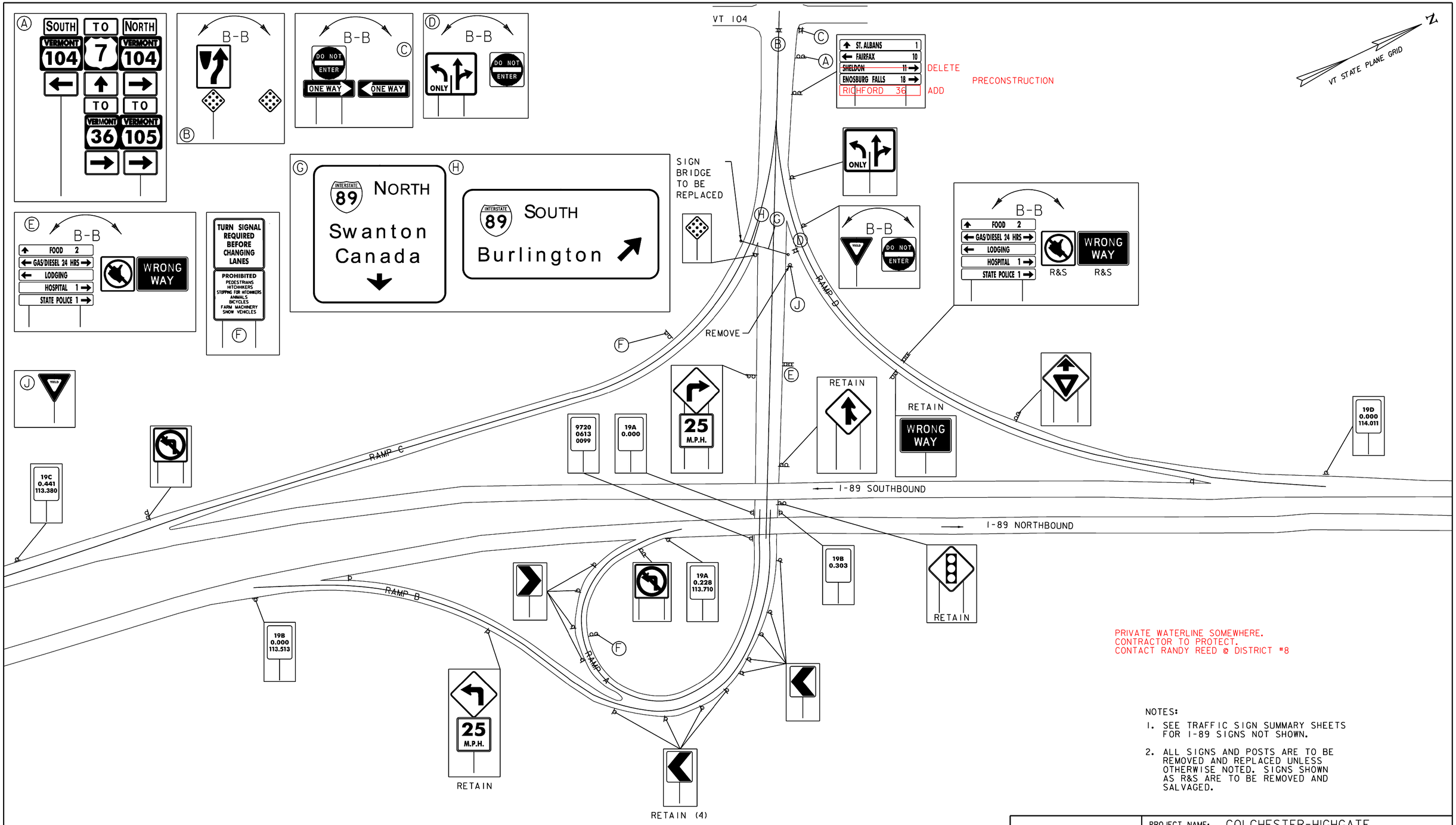
NOT TO SCALE

INTERCHANGE 18 SIGN LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LA18-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 9 OF 221



PRIVATE WATERLINE SOMEWHERE.
CONTRACTOR TO PROTECT.
CONTACT RANDY REED @ DISTRICT #8

NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.

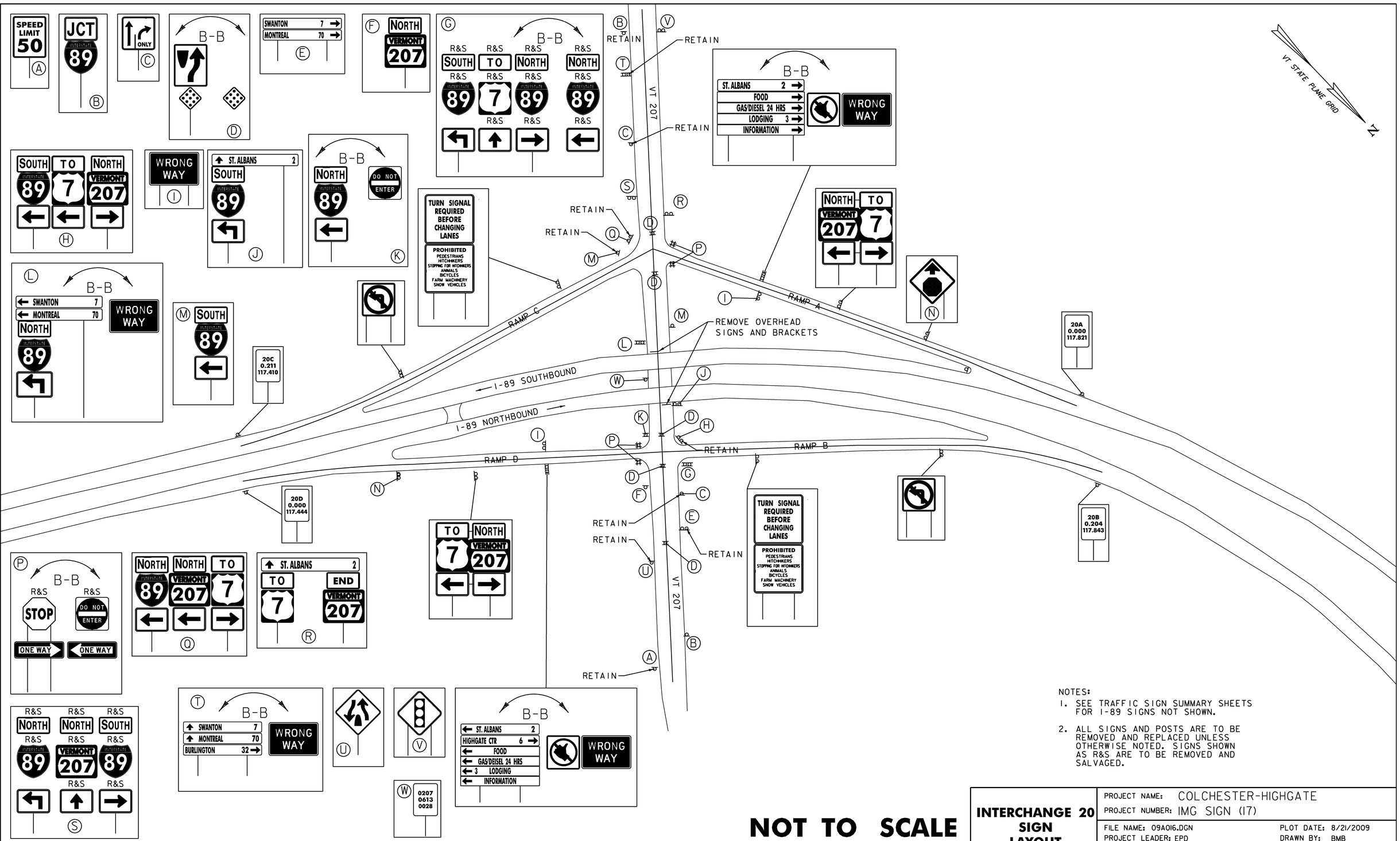
NOT TO SCALE

INTERCHANGE 19 SIGN LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LA19-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 10 OF 221



NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.

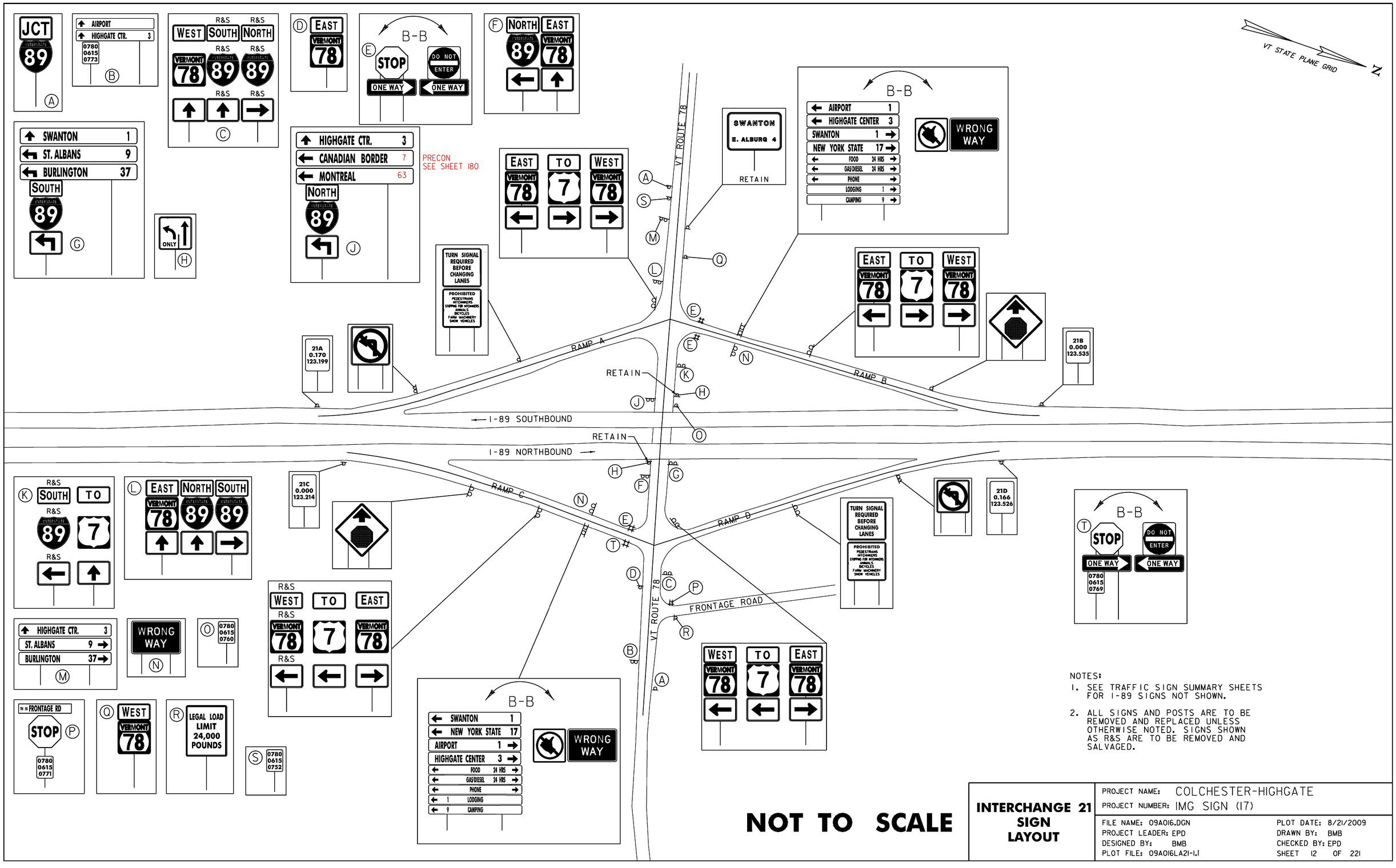
NOT TO SCALE

INTERCHANGE 20 SIGN LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LA20-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 11 OF 221



NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.

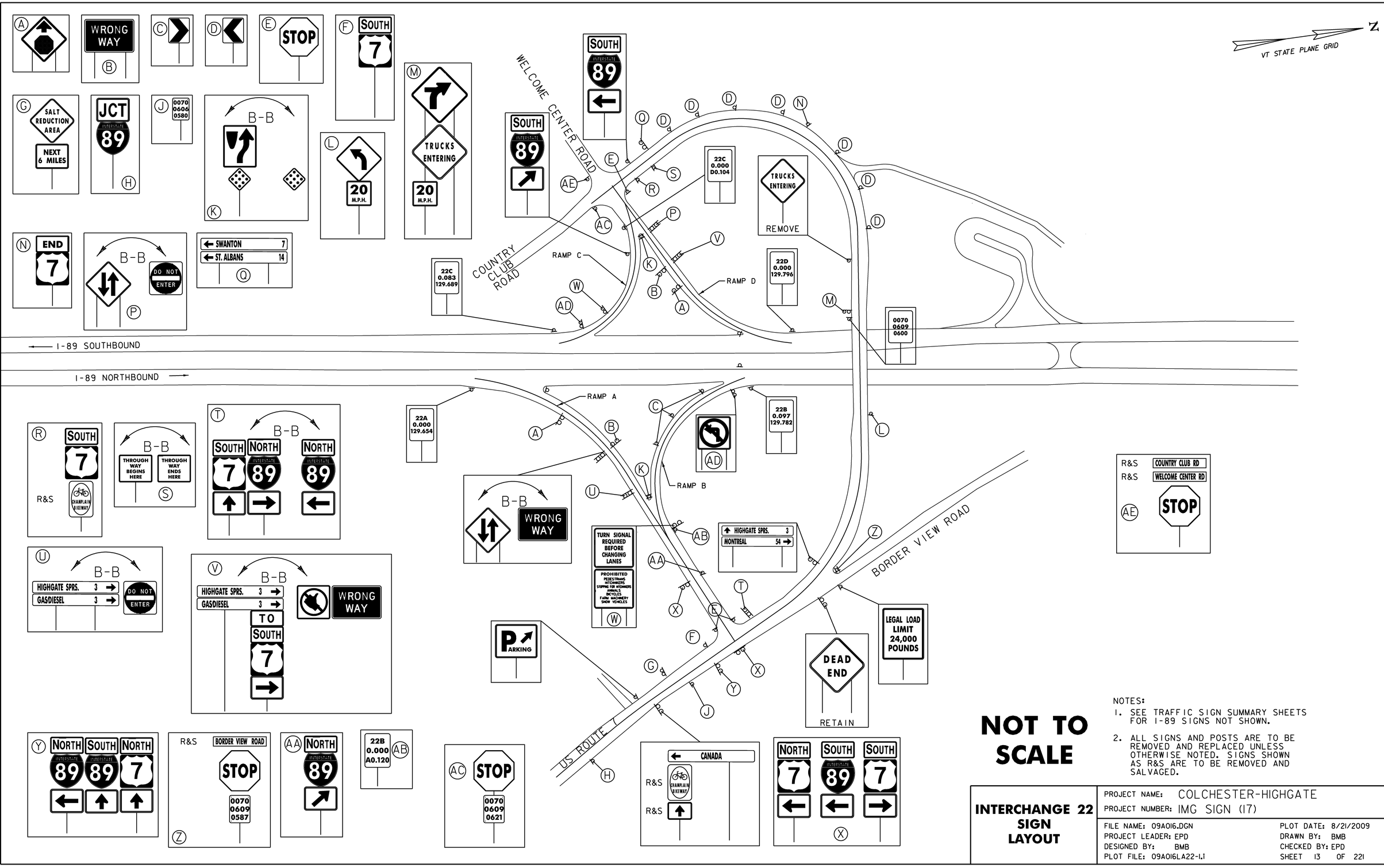
NOT TO SCALE

INTERCHANGE 21 SIGN LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LA21-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 12 OF 221



NOT TO SCALE

NOTES:

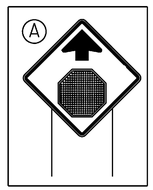
1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.

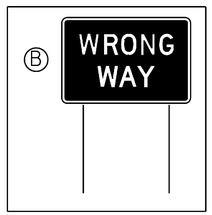
INTERCHANGE 22 SIGN LAYOUT

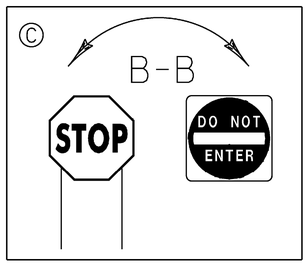
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

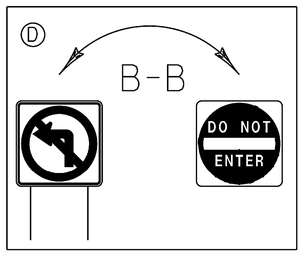
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LA22-1.1

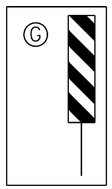
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 13 OF 221

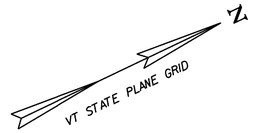


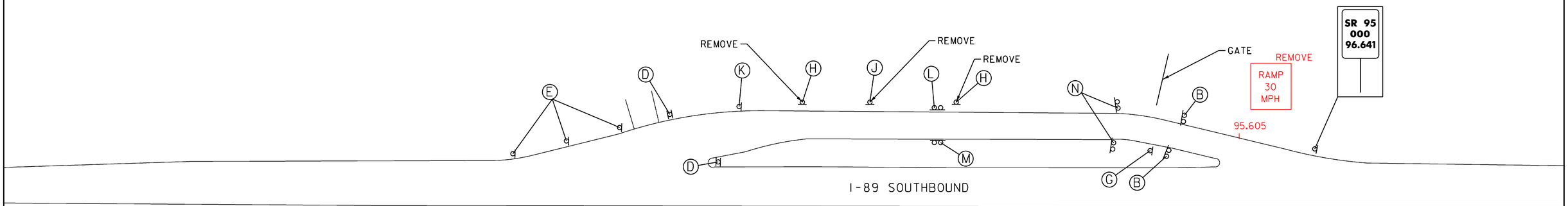


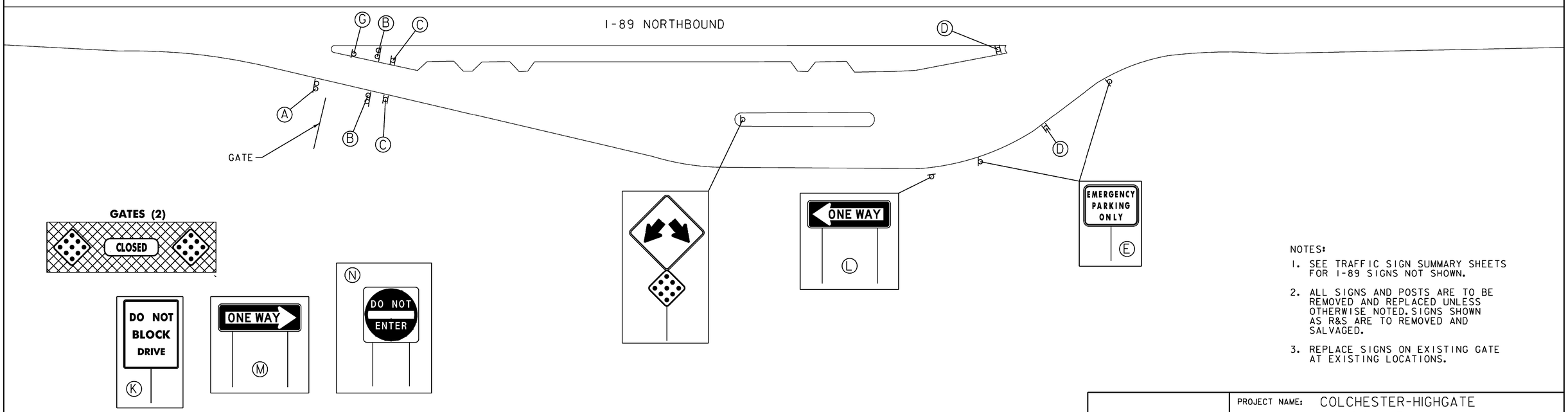












NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED. SIGNS SHOWN AS R&S ARE TO REMOVED AND SALVAGED.
3. REPLACE SIGNS ON EXISTING GATE AT EXISTING LOCATIONS.

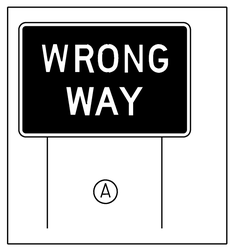
NOT TO SCALE

WEIGH STATION LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LAWS.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 14 OF 221



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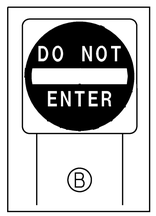

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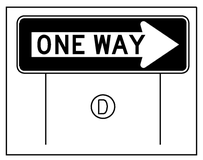

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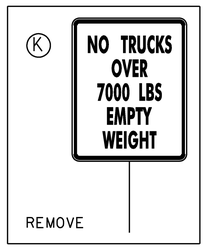

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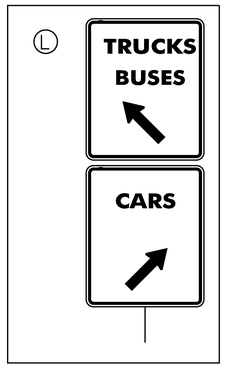

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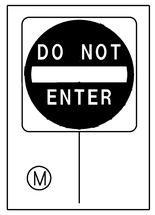

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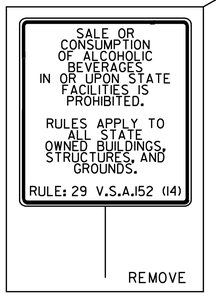
Ⓝ

I-89 SOUTHBOUND

I-89 NORTHBOUND



REMOVE

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ Ⓙ Ⓚ Ⓛ Ⓜ Ⓝ

CAR/ TRUCK LOOP

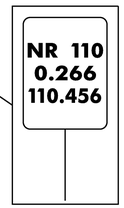
HANDICAP RAMP

HANDICAP
PARKING
AREA

REMOVE

REMOVE
"CLICK IT
OR TICKET"

REMOVE
"SAFETY
BELTS
REQUIRED"



NOTES:

1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHEWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.

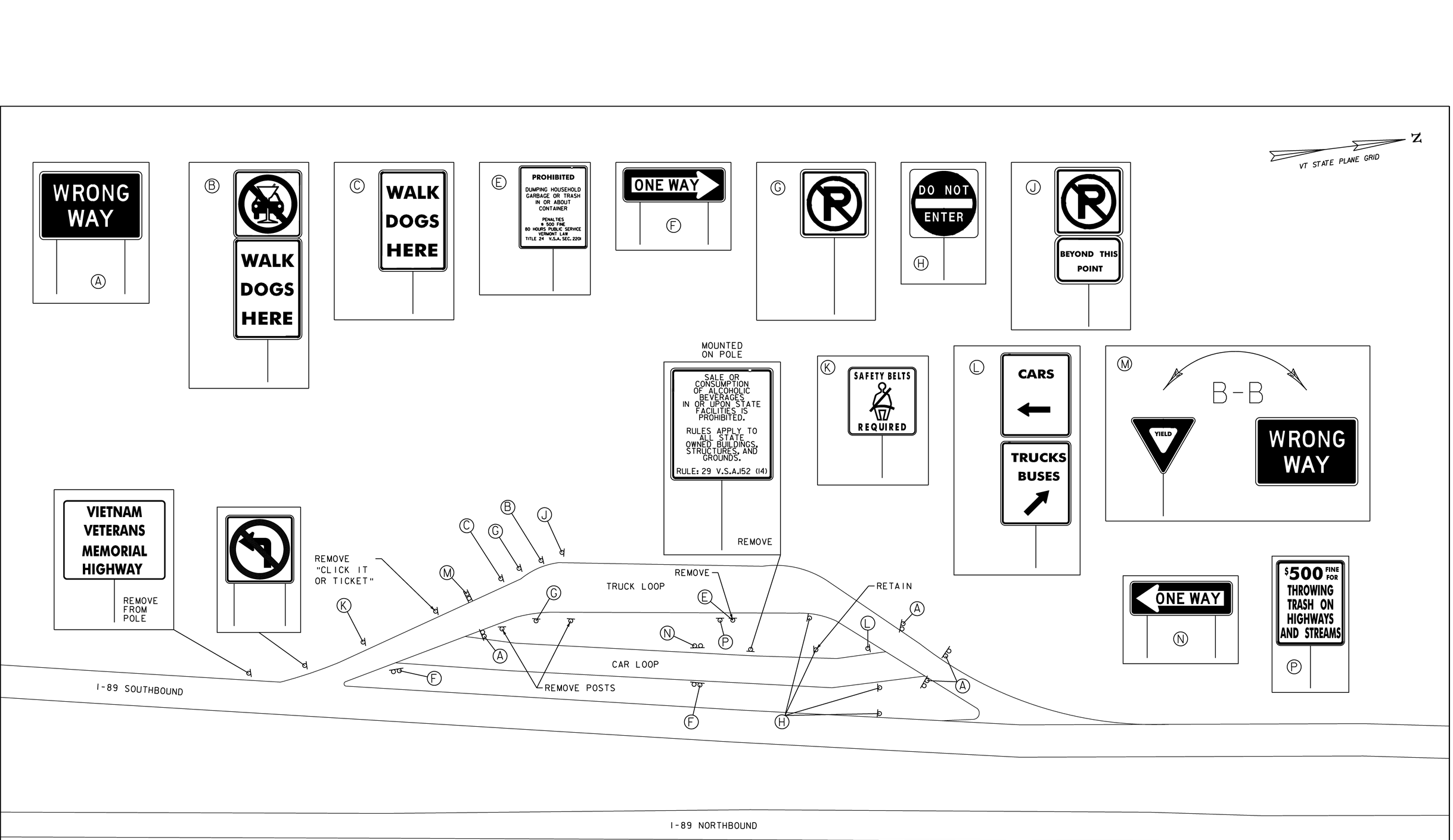
NOT TO SCALE

NORTHBOUND REST AREA MM 110.5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LANRA.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 15 OF 221



NOT TO SCALE

NOTES:

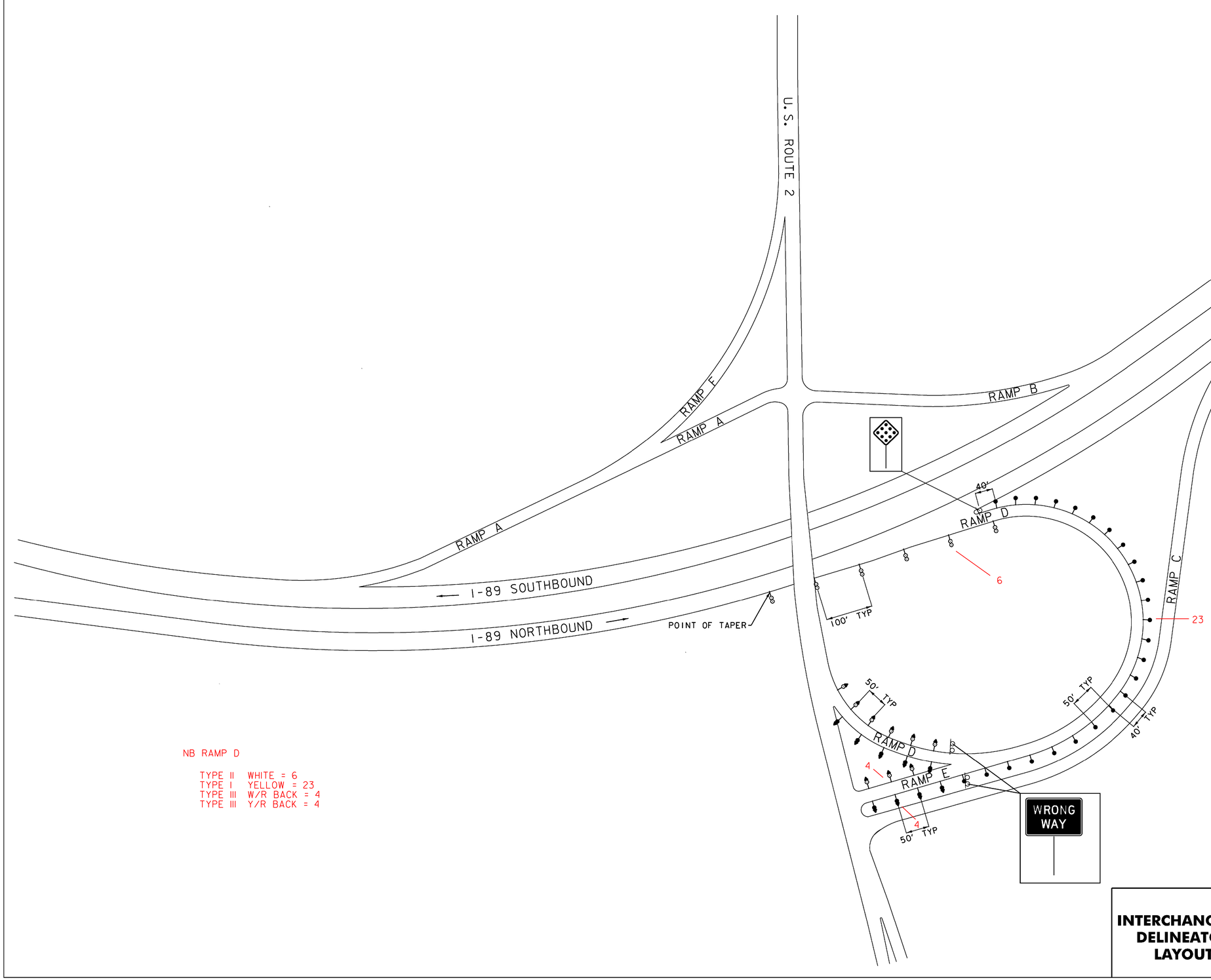
1. SEE TRAFFIC SIGN SUMMARY SHEETS FOR I-89 SIGNS NOT SHOWN.
2. ALL SIGNS AND POSTS ARE TO BE REMOVED AND REPLACED UNLESS OTHEWISE NOTED. SIGNS SHOWN AS R&S ARE TO BE REMOVED AND SALVAGED.

SOUTHBOUND REST AREA MM 110.8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016LASRA.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 16 OF 221



NB RAMP D

TYPE II WHITE = 6
TYPE I YELLOW = 23
TYPE III W/R BACK = 4
TYPE III Y/R BACK = 4

NOTE:
1. SIGNS ARE SHOWN FOR REFERENCE ONLY.

LEGEND
- TYPE I DELINEATOR, WHITE
- 23 TYPE I DELINEATOR, YELLOW
- 6 TYPE II DELINEATOR, WHITE
- 4 TYPE III DELINEATOR, WHITE FRONT / RED BACK
- 4 TYPE III DELINEATOR, YELLOW FRONT / RED BACK

INTERCHANGE 17 DELINEATOR LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016II7DL.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 18 OF 221

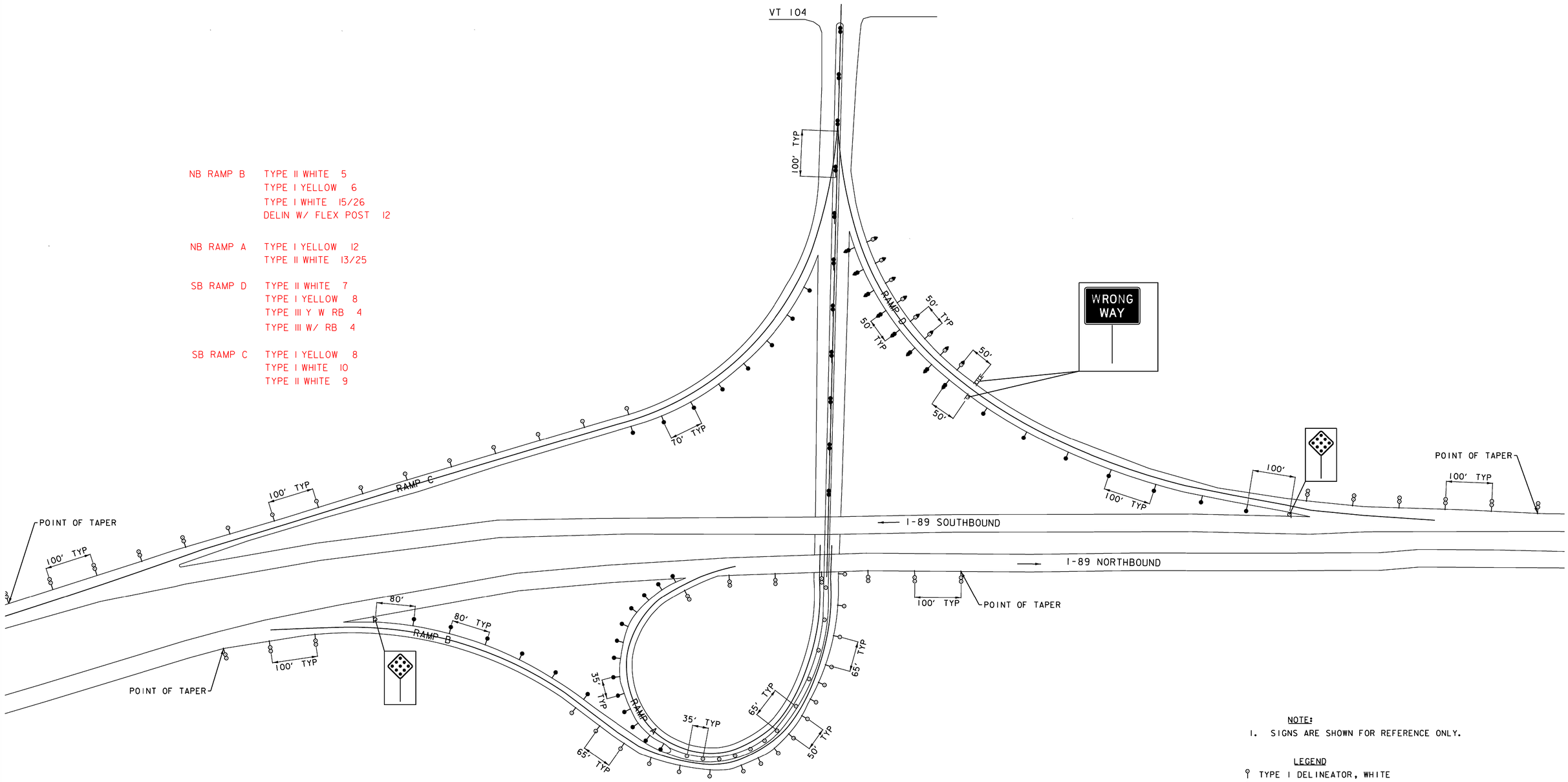
620040F4_DELIN-2D.dgn 8/21/2009 10:39:23 AM

NB RAMP B
- TYPE II WHITE 5
- TYPE I YELLOW 6
- TYPE I WHITE 15/26
- DELIN W/ FLEX POST 12

NB RAMP A
- TYPE I YELLOW 12
- TYPE II WHITE 13/25

SB RAMP D
- TYPE II WHITE 7
- TYPE I YELLOW 8
- TYPE III Y W RB 4
- TYPE III W/ RB 4

SB RAMP C
- TYPE I YELLOW 8
- TYPE I WHITE 10
- TYPE II WHITE 9



NOTE:
1. SIGNS ARE SHOWN FOR REFERENCE ONLY.

LEGEND
- TYPE I DELINEATOR, WHITE
- TYPE I DELINEATOR, YELLOW
- TYPE II DELINEATOR, WHITE
- TYPE III DELINEATOR, WHITE FRONT / RED BACK
- TYPE III DELINEATOR, YELLOW FRONT / RED BACK
- TYPE III DELINEATOR, YELLOW BACK TO BACK
- DELINEATOR WITH FLEXIBLE POST, YELLOW BACK TO BACK

INTERCHANGE 19 DELINEATOR LAYOUT

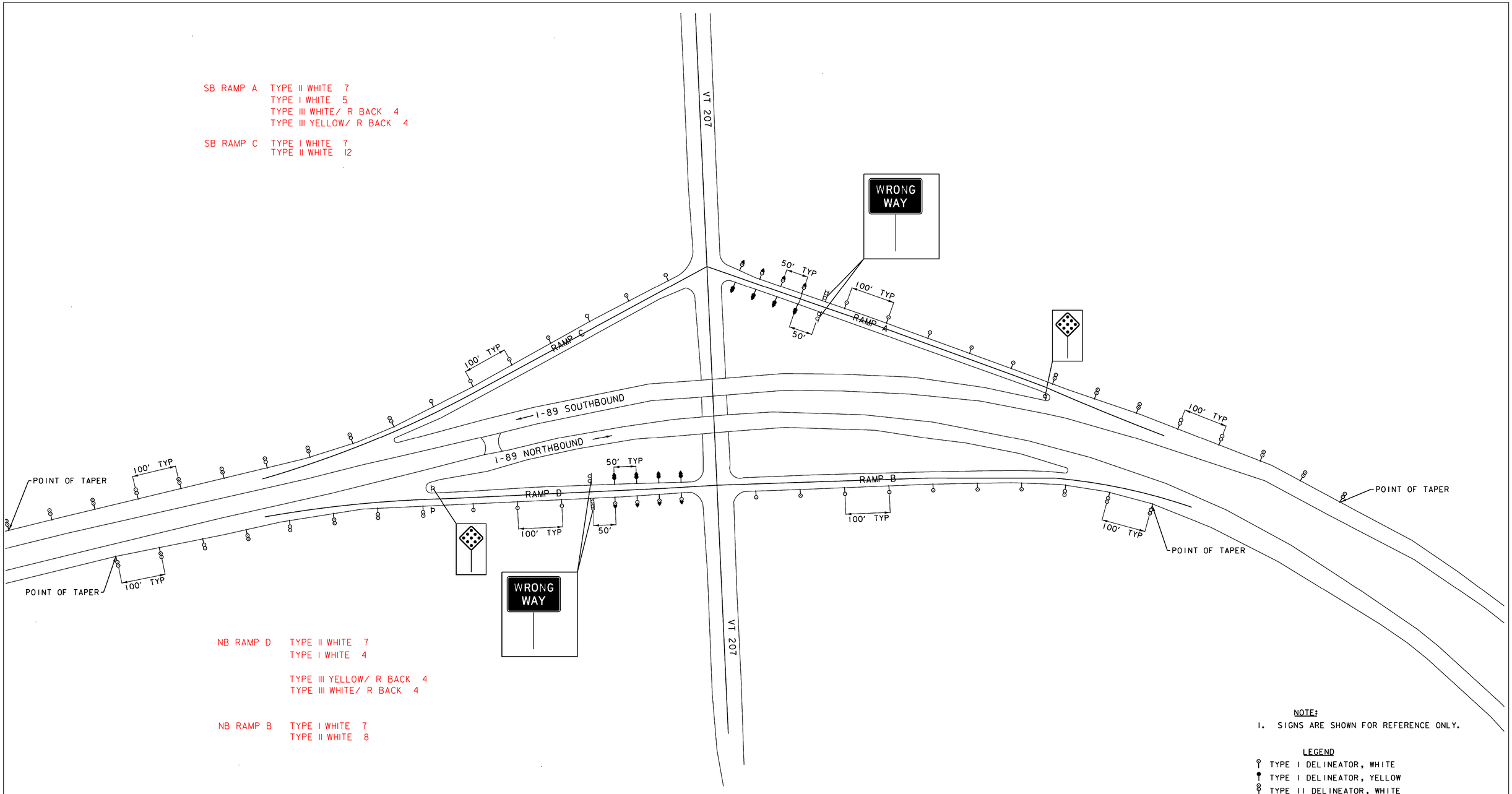
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016II9DL.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 19 OF 221

SB RAMP A TYPE II WHITE 7
TYPE I WHITE 5
TYPE III WHITE/ R BACK 4
TYPE III YELLOW/ R BACK 4

SB RAMP C TYPE I WHITE 7
TYPE II WHITE 12



NB RAMP D TYPE II WHITE 7
TYPE I WHITE 4

TYPE III YELLOW/ R BACK 4
TYPE III WHITE/ R BACK 4

NB RAMP B TYPE I WHITE 7
TYPE II WHITE 8

NOTE:
1. SIGNS ARE SHOWN FOR REFERENCE ONLY.

LEGEND
- TYPE I DELINEATOR, WHITE
- TYPE I DELINEATOR, YELLOW
- TYPE II DELINEATOR, WHITE
- TYPE III DELINEATOR, WHITE FRONT / RED BACK
- TYPE III DELINEATOR, YELLOW FRONT / RED BACK

INTERCHANGE 20 DELINEATOR LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016120DL.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 20 OF 221

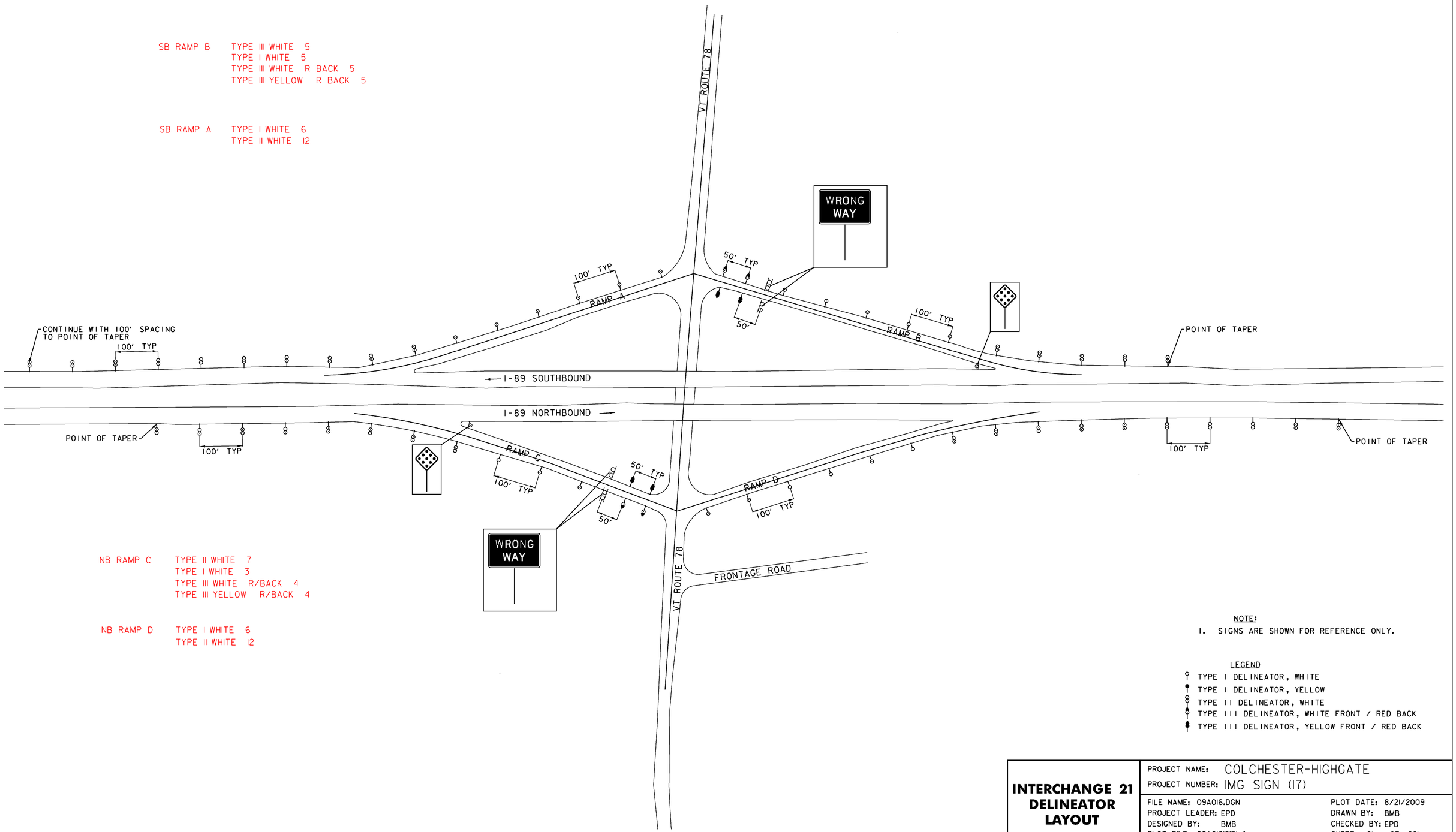
620040F4_DELIN-2D.dgn 8/21/2009 10:38:39 AM

SB RAMP B
TYPE III WHITE 5
TYPE I WHITE 5
TYPE III WHITE R BACK 5
TYPE III YELLOW R BACK 5

SB RAMP A
TYPE I WHITE 6
TYPE II WHITE 12

NB RAMP C
TYPE II WHITE 7
TYPE I WHITE 3
TYPE III WHITE R/BACK 4
TYPE III YELLOW R/BACK 4

NB RAMP D
TYPE I WHITE 6
TYPE II WHITE 12



NOTE:
1. SIGNS ARE SHOWN FOR REFERENCE ONLY.

LEGEND
- TYPE I DELINEATOR, WHITE
- TYPE I DELINEATOR, YELLOW
- TYPE II DELINEATOR, WHITE
- TYPE III DELINEATOR, WHITE FRONT / RED BACK
- TYPE III DELINEATOR, YELLOW FRONT / RED BACK

INTERCHANGE 21 DELINEATOR LAYOUT

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016121DL.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 21 OF 221

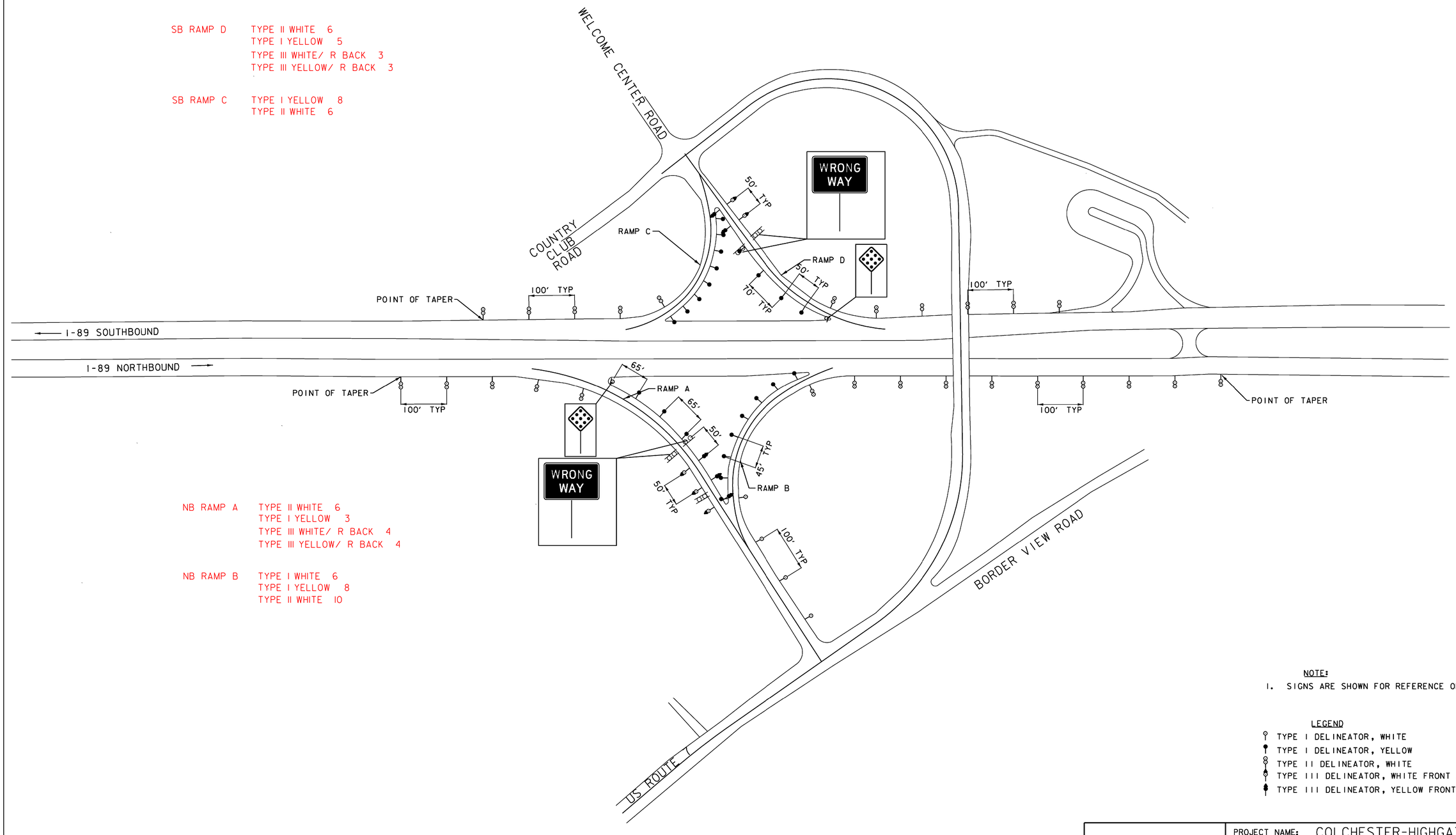
620040F4_DELIN-2D.dgn 8/21/2009 10:38:22 AM

SB RAMP D
TYPE II WHITE 6
TYPE I YELLOW 5
TYPE III WHITE/ R BACK 3
TYPE III YELLOW/ R BACK 3

SB RAMP C
TYPE I YELLOW 8
TYPE II WHITE 6

NB RAMP A
TYPE II WHITE 6
TYPE I YELLOW 3
TYPE III WHITE/ R BACK 4
TYPE III YELLOW/ R BACK 4

NB RAMP B
TYPE I WHITE 6
TYPE I YELLOW 8
TYPE II WHITE 10



NOTE:
1. SIGNS ARE SHOWN FOR REFERENCE ONLY.

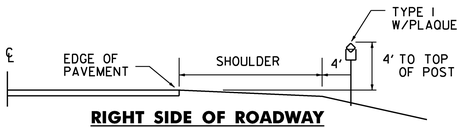
LEGEND
- TYPE I DELINEATOR, WHITE
- TYPE I DELINEATOR, YELLOW
- TYPE II DELINEATOR, WHITE
- TYPE III DELINEATOR, WHITE FRONT / RED BACK
- TYPE III DELINEATOR, YELLOW FRONT / RED BACK

INTERCHANGE 22 DELINEATOR LAYOUT

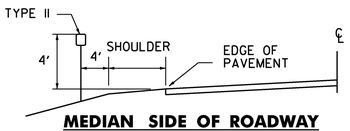
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016122DL.I

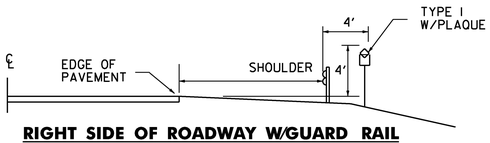
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 22 OF 221



RIGHT SIDE OF ROADWAY



MEDIAN SIDE OF ROADWAY



RIGHT SIDE OF ROADWAY W/GUARD RAIL

TYPICAL PLACEMENT OF DELINEATORS AND MILEPOSTS ON DIVIDED HIGHWAY

TYPE I DELINEATORS WITH WHITE REFLECTOR UNITS AND APPROPRIATE MILEPOST PLAQUES SHALL BE ERECTED CONTINUOUSLY ALONG THE RIGHT SIDE OF DIRECTION OF TRAVEL OR ALONG DIVIDED HIGHWAYS BETWEEN MILEMARKERS, AT 0.050 MILE INTERVALS.

THE TYPE I DELINEATORS WITH OR WITHOUT MILEPOST PLAQUES SHALL BE OMITTED ALONG DECELERATION AND ACCELERATION LANES, BUT THE SUCCEEDING SPACING SHALL BE AS IF THE DELINEATORS HAD BEEN ERECTED CONTINUOUSLY AND SHALL BE SO INDICATED.

THE LOCATION OF TYPE I DELINEATORS AND MILEPOSTS ARE TO BE COMPUTED AND MARKED IN THE FIELD BY THE ENGINEER IN ACCORDANCE WITH THE LATEST REVISION OF THE AGENCY'S "POLICY ON LOCATION MARKING FOR VERMONT DIVIDED HIGHWAYS."

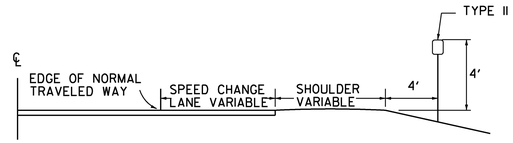
TYPE II YELLOW DELINEATORS SHALL BE ERECTED CONTINUOUSLY ALONG THE LEFT OR MEDIAN SIDE OF DIVIDED HIGHWAYS AT 0.05 INTERVALS, CONTINUED AT APPROXIMATELY THE SAME SPACING THROUGH INTERCHANGES AND REST AREAS WHERE THERE MAY NOT BE ANY TYPE I DELINEATORS ON THE RIGHT SIDE. PLACEMENT OF TYPE II DELINEATORS SHALL BE FOLLOWED ON THE LEFT AS ON THE RIGHT. THE SAME LATERAL TYPE I DELINEATORS WITHOUT MILEPOST PLAQUE SHALL BE INSTALLED ON INTERSTATE RAMPS AS SHOWN ON THE PLANS.

TYPE I DELINEATORS WITHOUT PLAQUE SHALL BE ERECTED AT THE BEGINNING (BLUE) AND AT THE END (GREEN) OF EACH GUARDRAIL RUN.

TYPE III DELINEATORS

TYPE III DELINEATORS WILL BE TYPE I DELINEATORS WITH AN ADDITIONAL RED REFLECTIVE UNIT MOUNTED ON THE REVERSRE SIDE. THEY SHALL BE ERECTED ON THE RIGHT AND LEFT SIDE OF THE RAMPS AS SHOWN ON THE PLANS.

TYPE III DELINEATORS SHALL BEGIN 50' FROM THE WRONG WAY SIGNS AND EXTEND EVERY 50' TO A POINT NOT LESS THAN 25' FROM THE DIVIDED HIGHWAY. SEE STANDARD E-197.

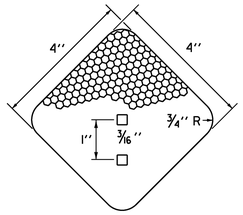


TYPICAL PLACEMENT OF TYPE II DELINEATORS ON SPEED CHANGE LANES

TYPE II DELINEATORS SHALL BE ERECTED CONTINUOUSLY ALONG THE RIGHT SIDE OF THE DECELERATION AND ACCELERATION LANES AT 100' INTERVALS INCLUDING GUARDRAIL SECTIONS. THE DELINEATORS SHALL START AT THE BEGINNING OF THE TAPER AND END AT THE NOSE OF THE EXIT OR ENTRANCE GORE. THEY SHALL HAVE WHITE REFLECTOR UNITS.

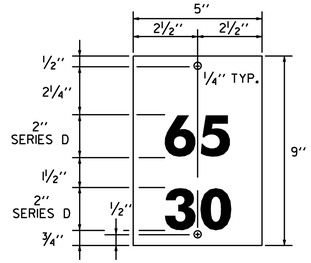
NOTES

1. FOR MOUNTING DELINEATORS AND MILEPOSTS ON BRIDGES, SEE STANDARD E-199.
2. REFER TO STANDARD E-197 FOR DELINEATOR PLACEMENT DETAILS, WHERE DISCREPANCIES EXIST BETWEEN E-197 AND THIS SHEET, THE DETAILS ON THIS SHEET SHALL GOVERN.
3. DELINEATOR POSTS SHALL BE 1.75" I.88 LB/FT SQUARE STEEL SIGN POSTS WITH ANCHORS.
4. FLEXIBLE DELINEATORS SHALL EXTEND 4 FEET ABOVE THE GROUND SURFACE WITH YELLOW RETROREFLECTIVE SHEETING ON THE FRONT AND BACK. FLEXIBLE DELINEATORS SHALL BE APPROVED BY THE MATERIALS AND RESEARCH SECTION.



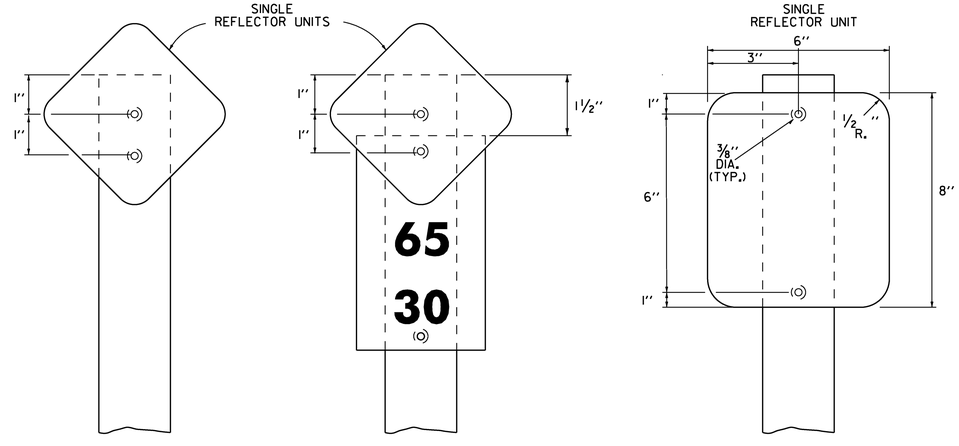
DELINEATOR REFLECTIVE SHEETING UNIT

MATERIAL FOR RETROREFLECTIVE SHEETING FOR DELINEATORS SHALL BE A 0.063" ALUMINUM BACKING WITH A WHITE/BLUE/GREEN REFLECTOR MEETING ASTM TYPE III, OR RED/YELLOW SHALL BE TYPE VII, TYPE VIII OR TYPE IX.



MILEPOST PLAQUE

MATERIAL FOR RETROREFLECTIVE SHEETING FOR DELINEATORS SHALL BE A 0.063" ALUMINUM BACKING WITH ASTM TYPE III RETROREFLECTIVE SHEETING GREEN LEGEND ON A WHITE BACKGROUND.



TYPE I WITHOUT PLAQUE

TYPE I WITH PLAQUE

TYPE II (6"X8")

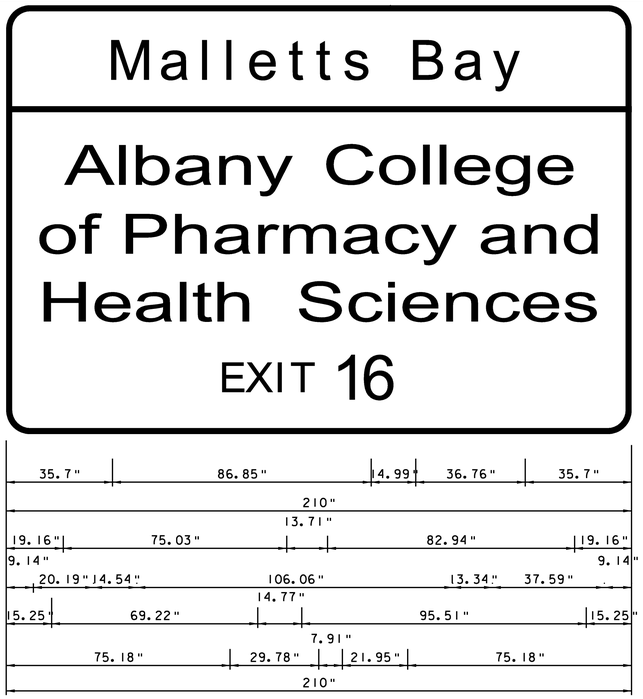
DELINEATORS WITH REFLECTIVE SHEETING

DELINEATOR AND MILE POST DETAIL

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

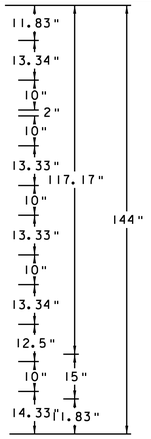
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDM
PLOT FILE: 09A016DLDET.I

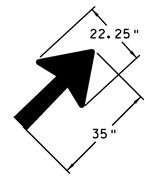
PLOT DATE: 8/21/2009
DRAWN BY: JDM
CHECKED BY: EPD
SHEET 23 OF 221



12.00" Radius, 2.00" Border, White on Green
"Malletts Bay" ClearviewHwy-5-W; "Albany College" ClearviewHwy-5-W;
"of Pharmacy and" ClearviewHwy-5-W; "Health Sciences" ClearviewHwy-5-W;
"EXIT" ClearviewHwy-4-W; "16" ClearviewHwy-5-W;

NORTHBOUND MM 91.025 RT.

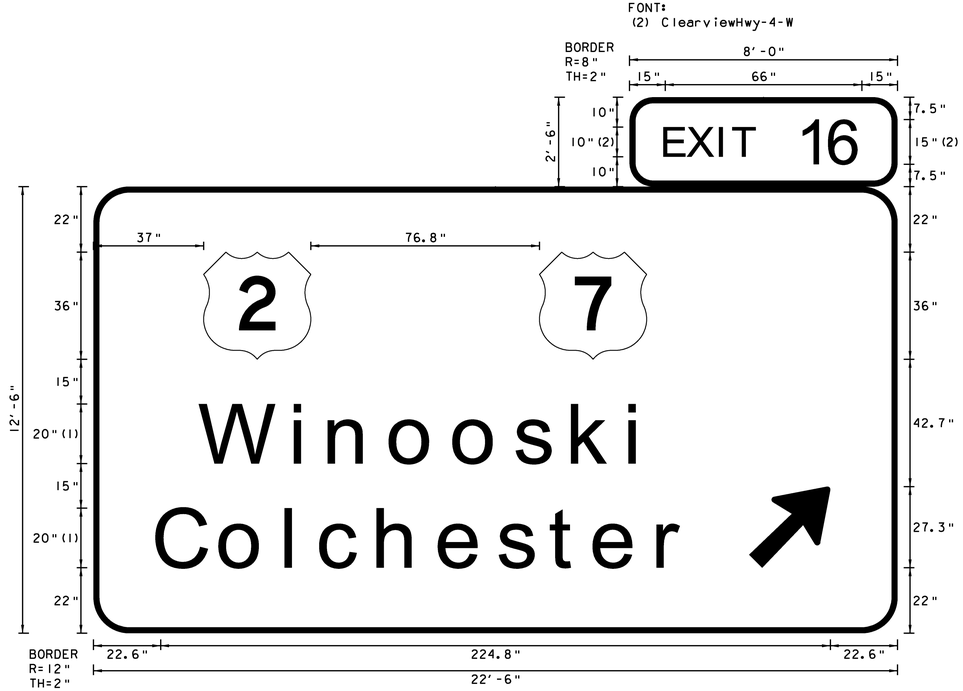




STANDARD ARROW AT
45 DETAIL

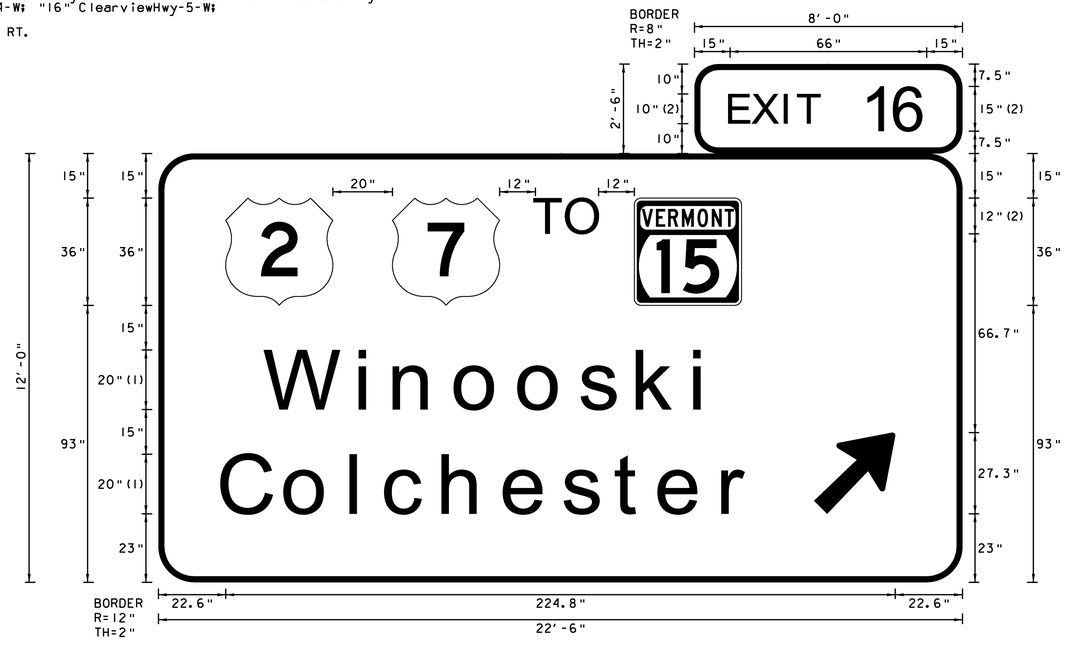
NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.



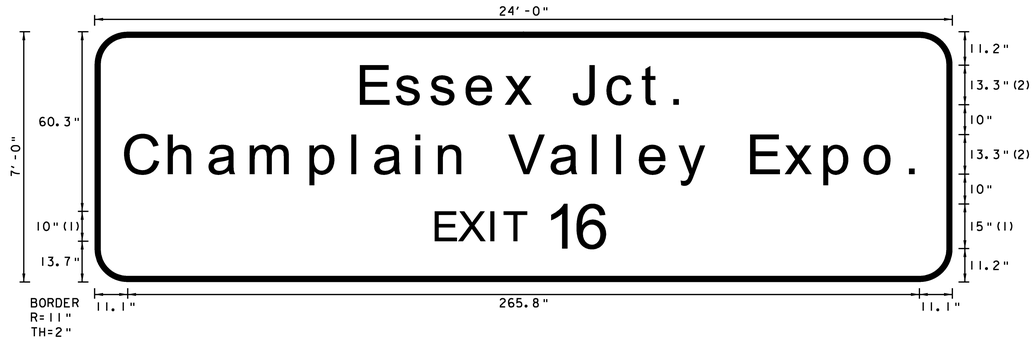
FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 91.290 RT.



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

SOUTHBOUND MM 91.830 RT.



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

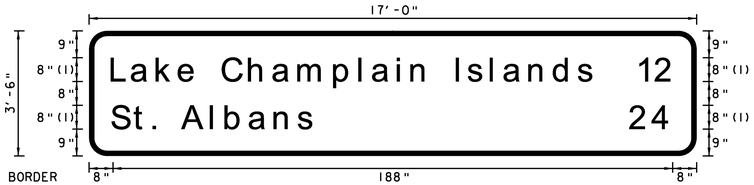
SOUTHBOUND MM 92.750 RT.

TYPE B SIGN DETAIL SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

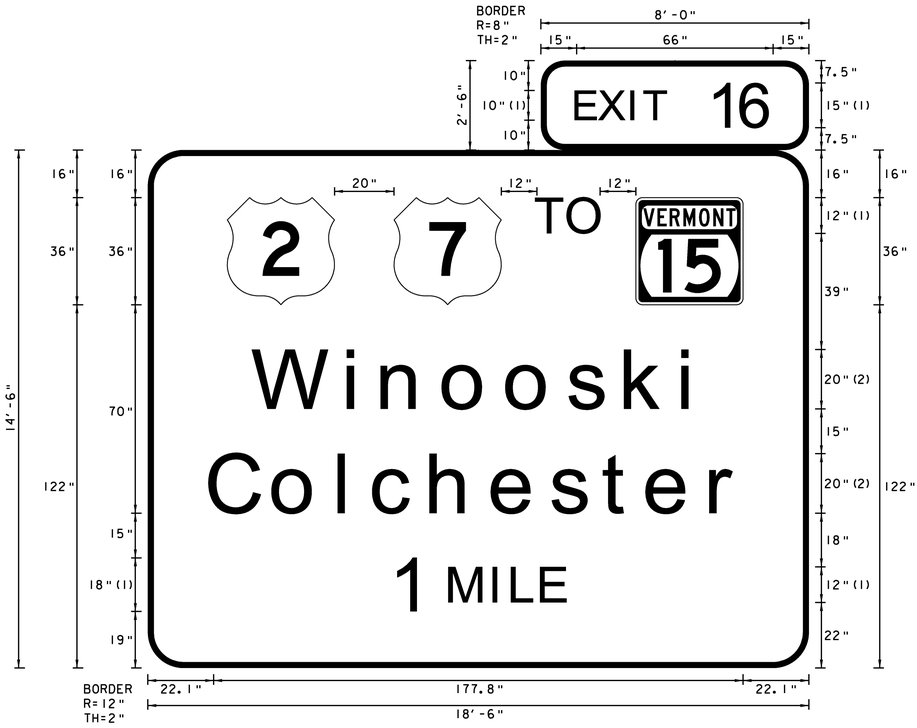
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 26 OF 221



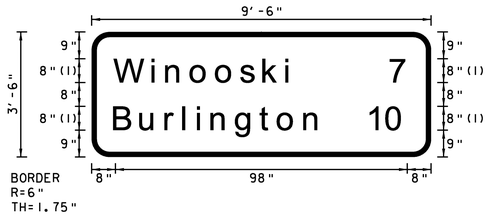
FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 92.470 RT.

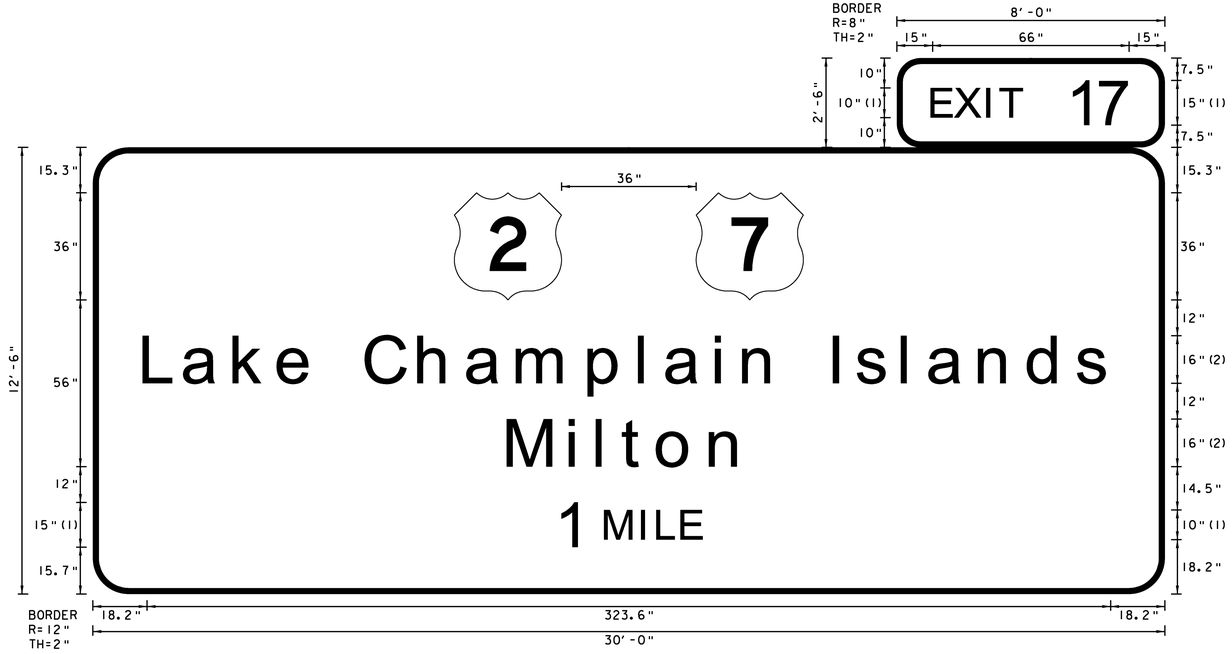


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

SOUTHBOUND MM 92.900 RT.



FONT:
(1) ClearviewHwy-5-W
SOUTHBOUND MM 96.980 RT.



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 96.640 RT.

NOTES:

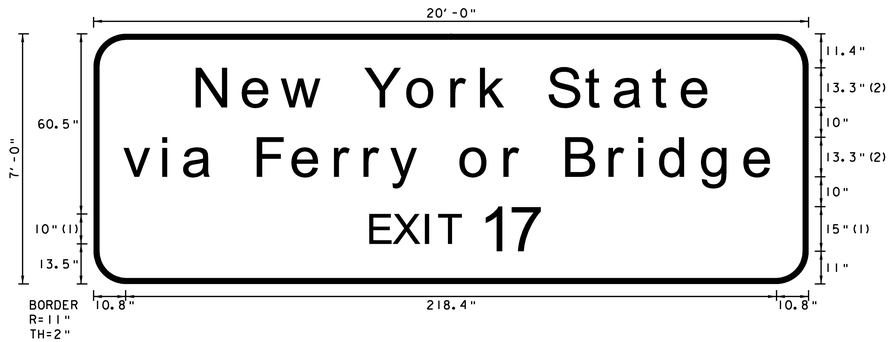
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

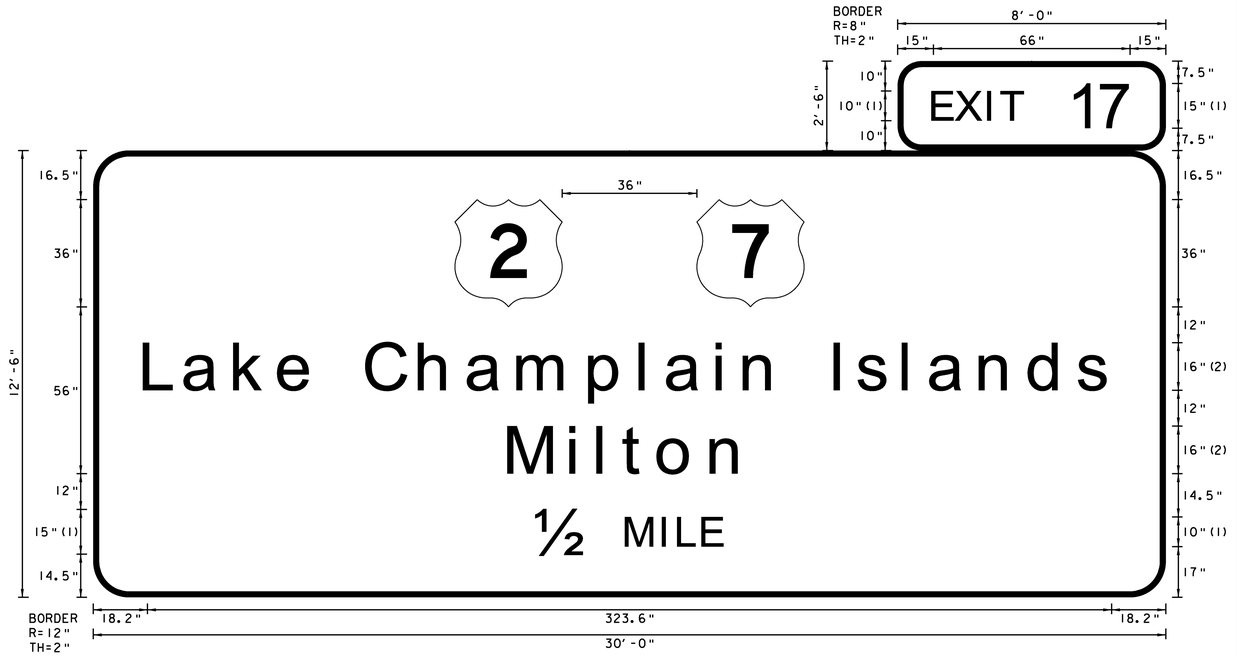
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB2.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 27 OF 221



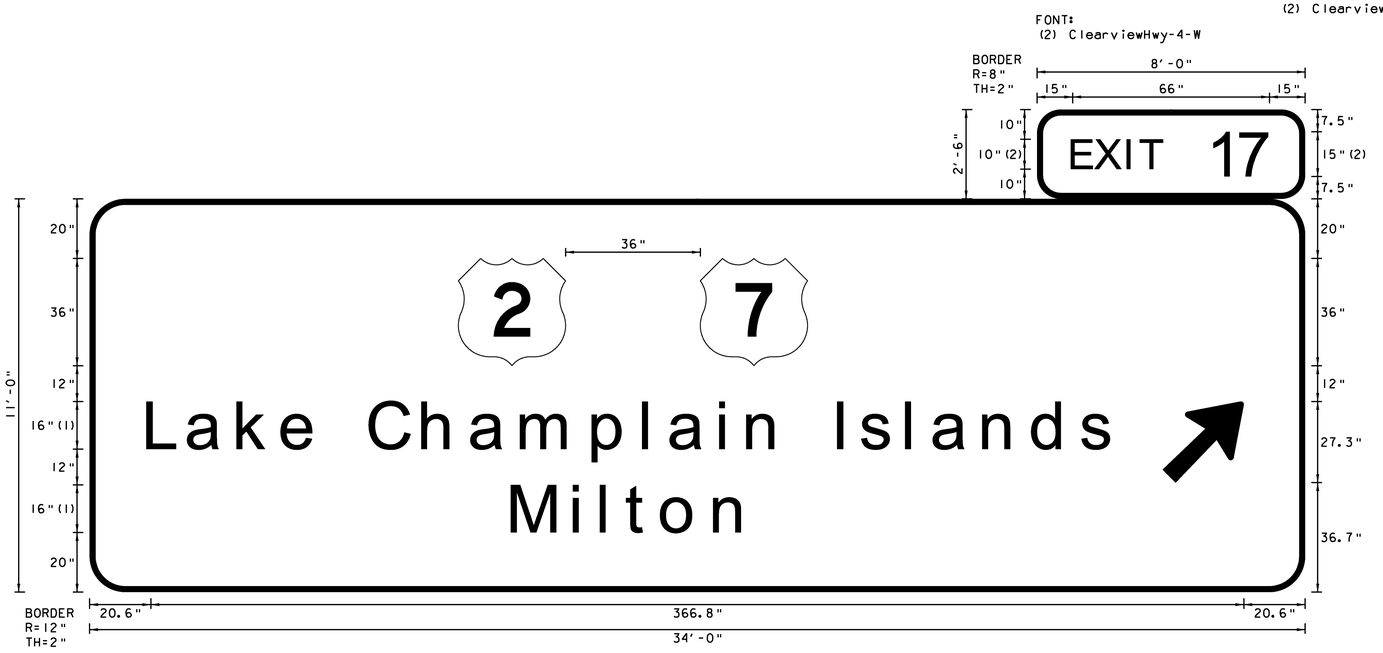
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 97.240 RT.
SOUTHBOUND MM 98.770 RT.



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 97.480 RT.



FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 97.800 RT.

NOTES:

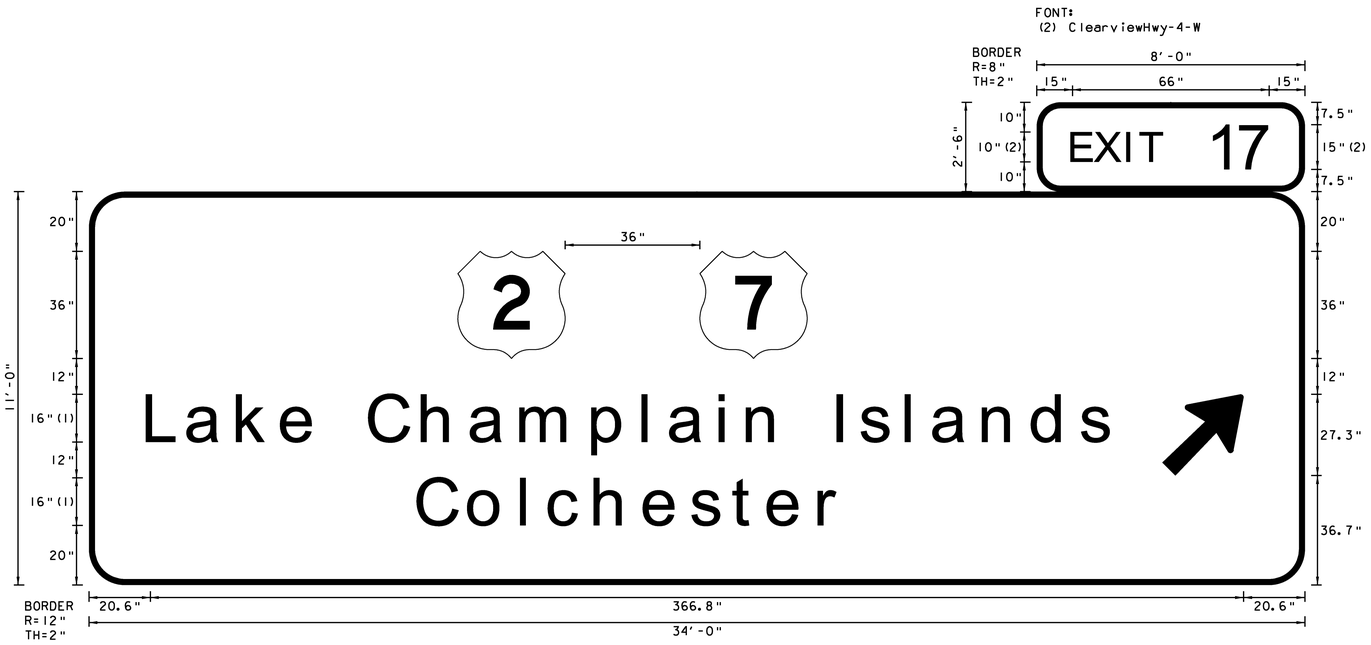
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

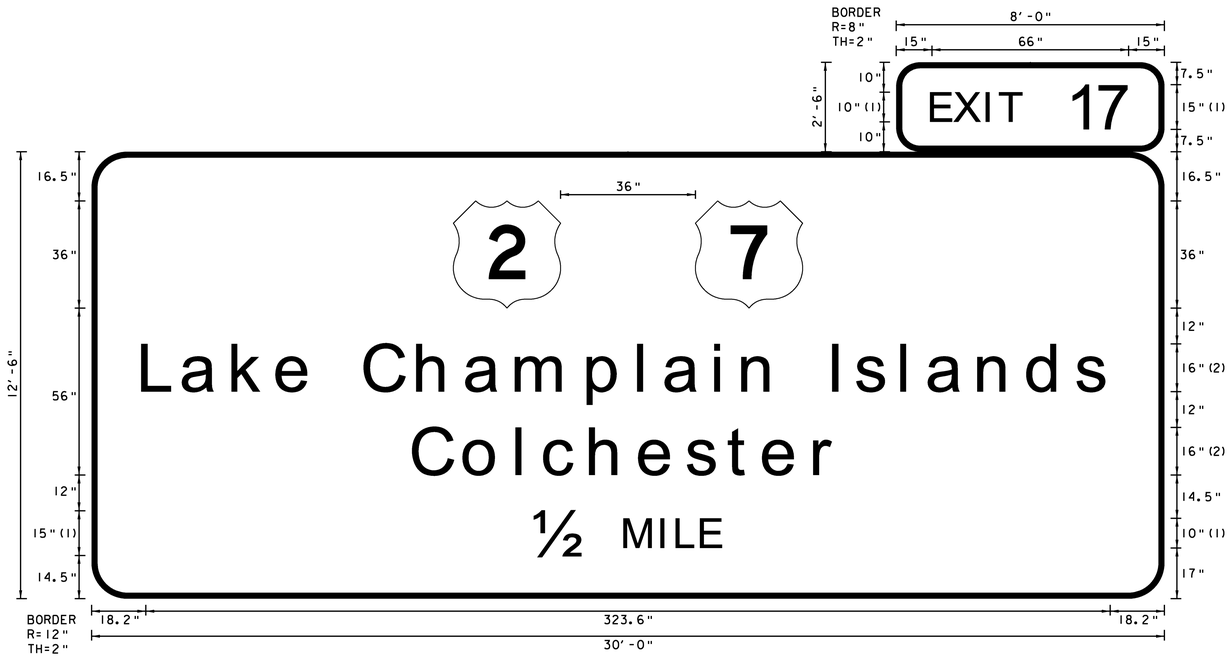
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB3.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 28 OF 221



FONT:
(1) ClearviewHwy-5-W

SOUTHBOUND MM 98.140 RT.

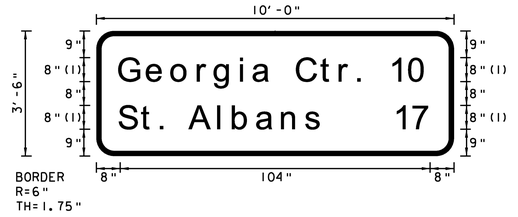


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-W

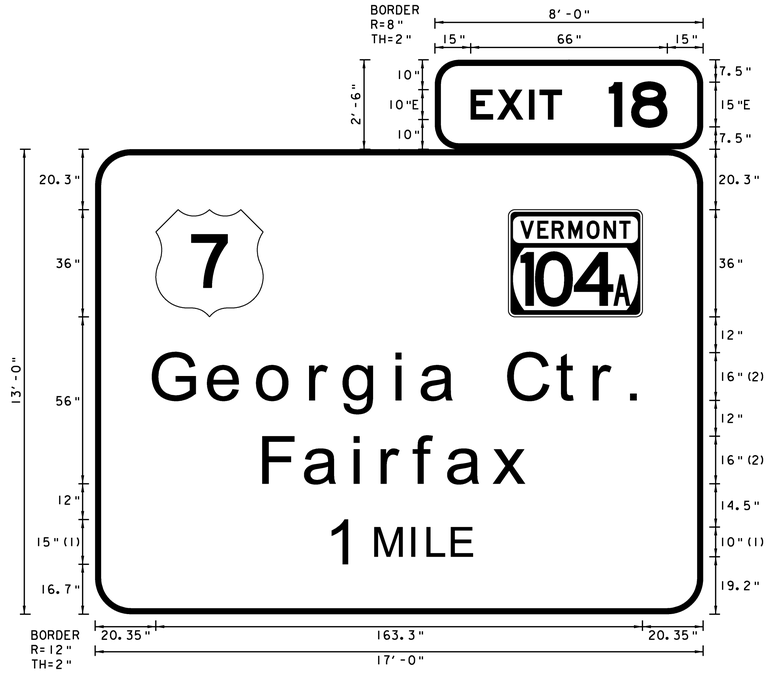
SOUTHBOUND MM 98.440 RT.

NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.



FONT:
(1) ClearviewHwy-5-W
NORTHBOUND MM 99.002 RT.



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

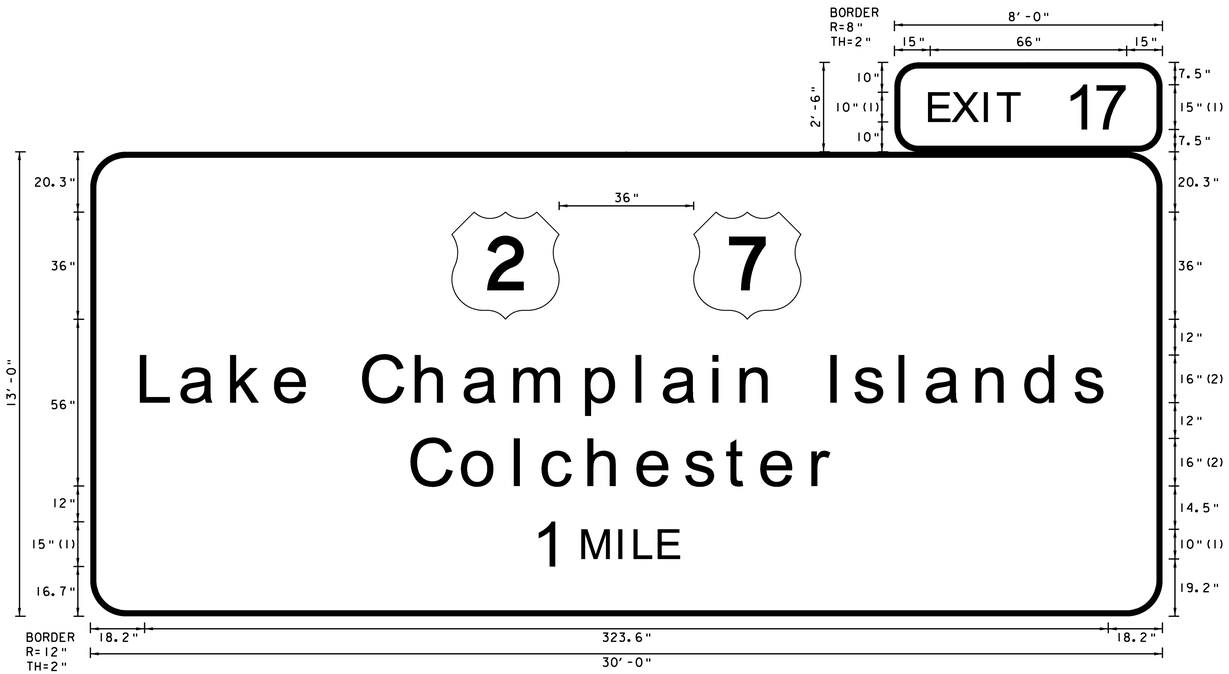
NORTHBOUND MM 105.230 RT.

TYPE B SIGN DETAIL SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 29 OF 221



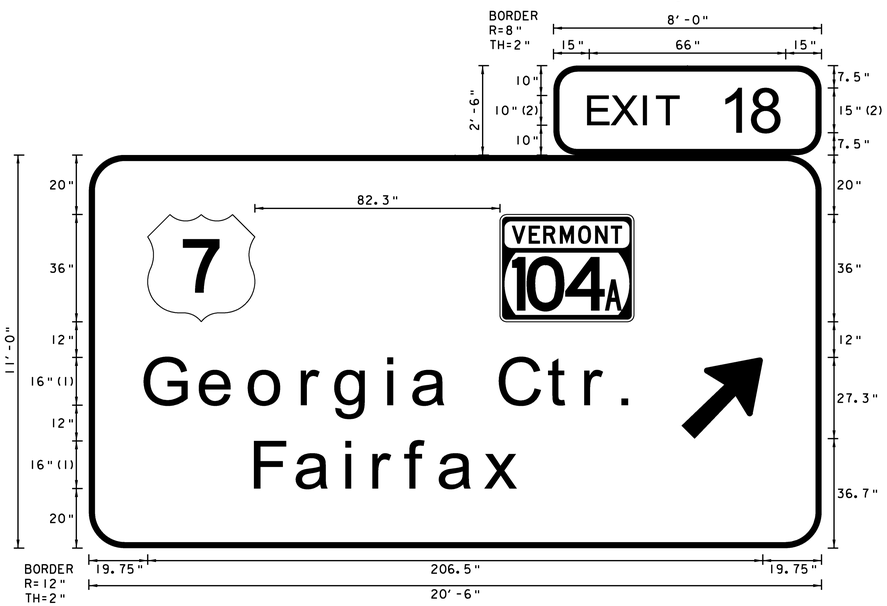
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

SOUTHBOUND MM 98.940 RT.

FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

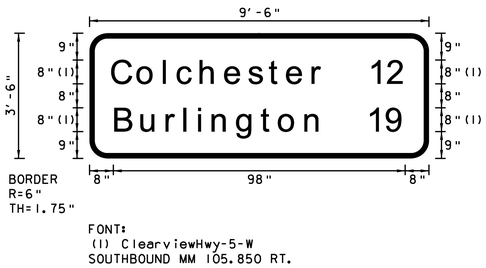
NORTHBOUND MM 105.780 RT.

FONT:
(2) ClearviewHwy-4-W



FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 106.110 RT.



FONT:
(1) ClearviewHwy-5-W
SOUTHBOUND MM 105.850 RT.

NOTES:

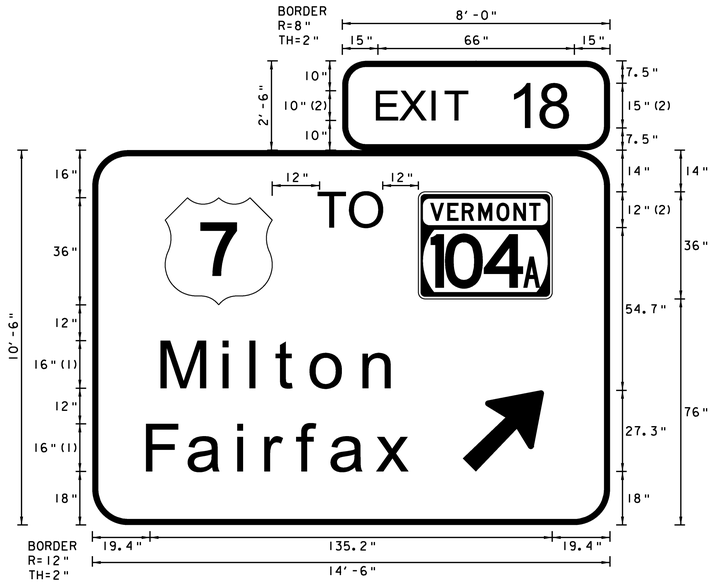
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

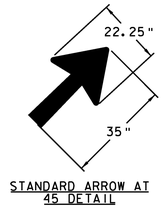
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB5.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 30 OF 221

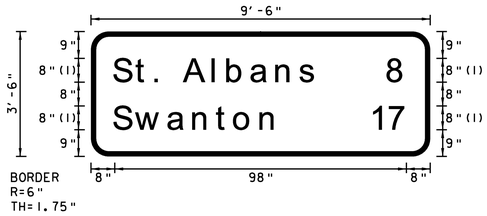


FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

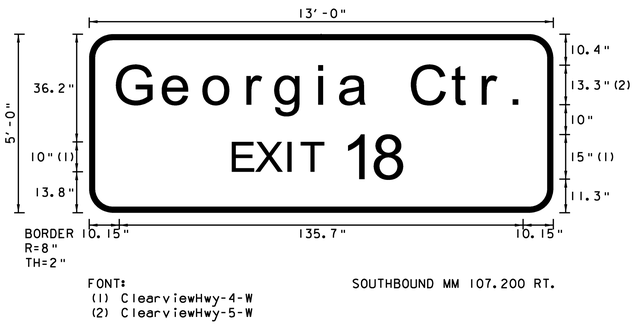
SOUTHBOUND MM 107.050 RT.



STANDARD ARROW AT
45 DETAIL

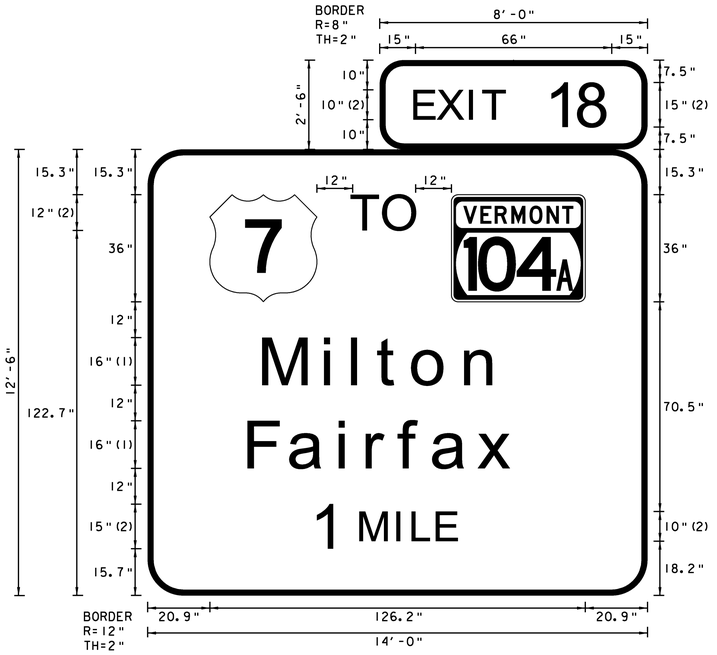


FONT:
(1) ClearviewHwy-5-W
NORTHBOUND MM 107.240 RT.



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

SOUTHBOUND MM 107.200 RT.



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

SOUTHBOUND MM 107.900 RT.

NOTES:

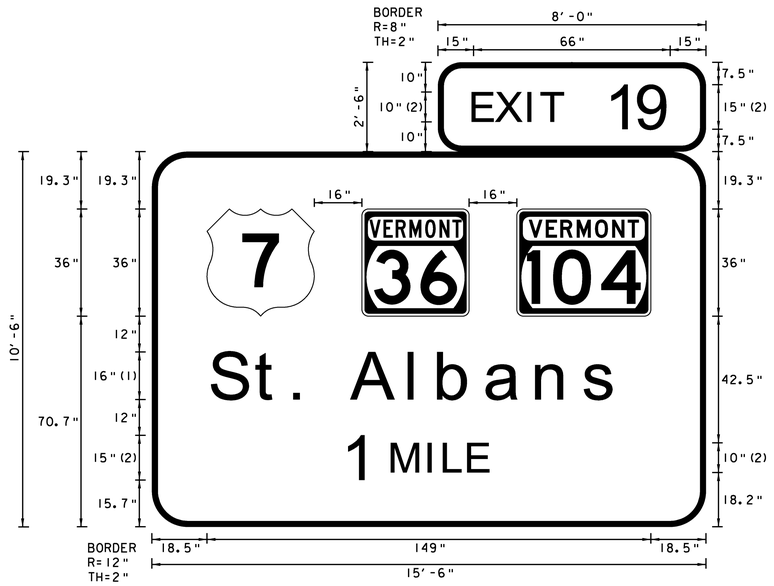
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

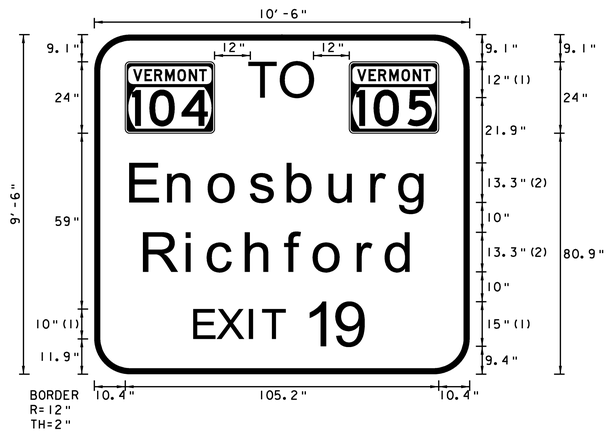
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB6.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 31 OF 221



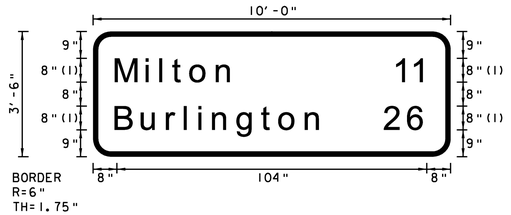
FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

NORTHBOUND MM 112.450 RT.
SOUTHBOUND MM 115.110 RT.

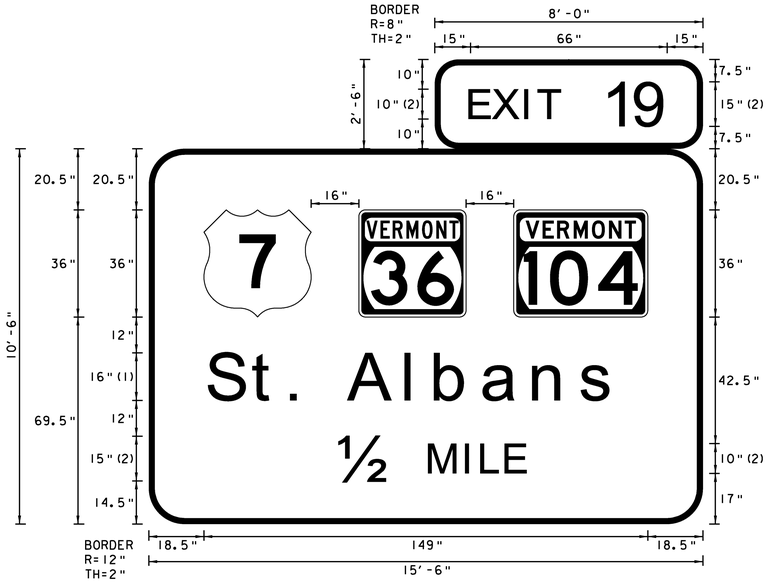


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 112.640 RT.



FONT:
(1) ClearviewHwy-5-W
SOUTHBOUND MM 112.469 RT.



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

NORTHBOUND MM 113.050 RT.
SOUTHBOUND MM 114.600 RT.

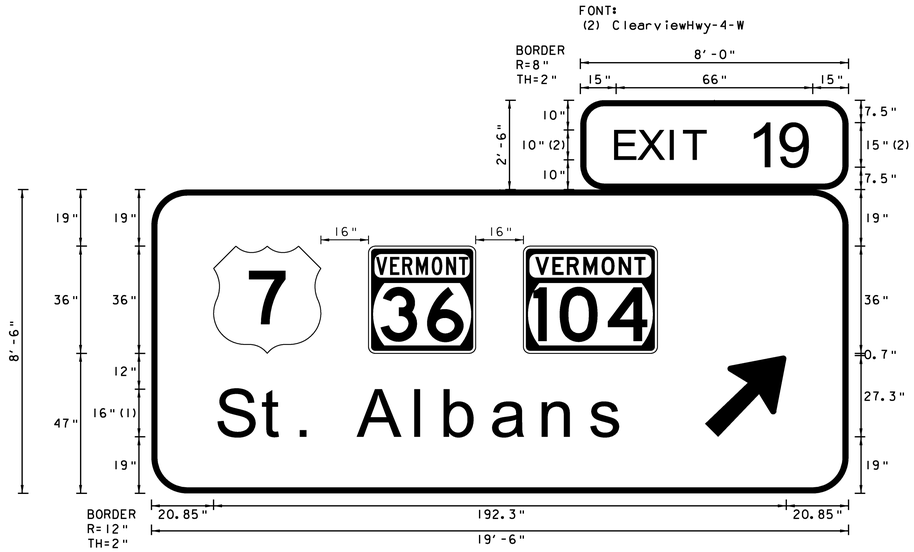
NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 7

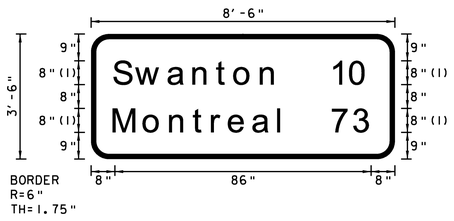
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB7.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 32 OF 221



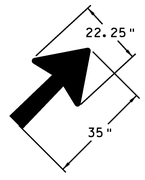
FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 113.410 RT.
SOUTHBOUND MM 114.130 RT.

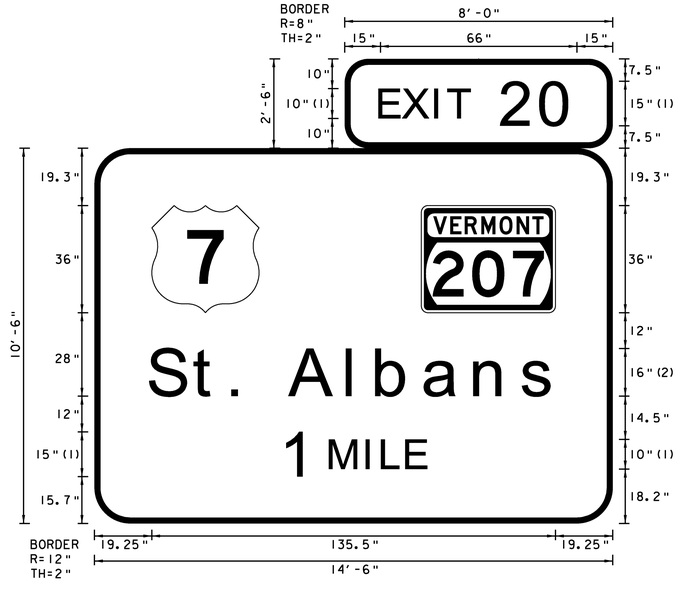


BORDER
R=6"
TH=1.75"

FONT:
(1) ClearviewHwy-5-W
NORTHBOUND MM 114.370 RT.



STANDARD ARROW AT
45 DETAIL



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 116.510 RT.

NOTES:

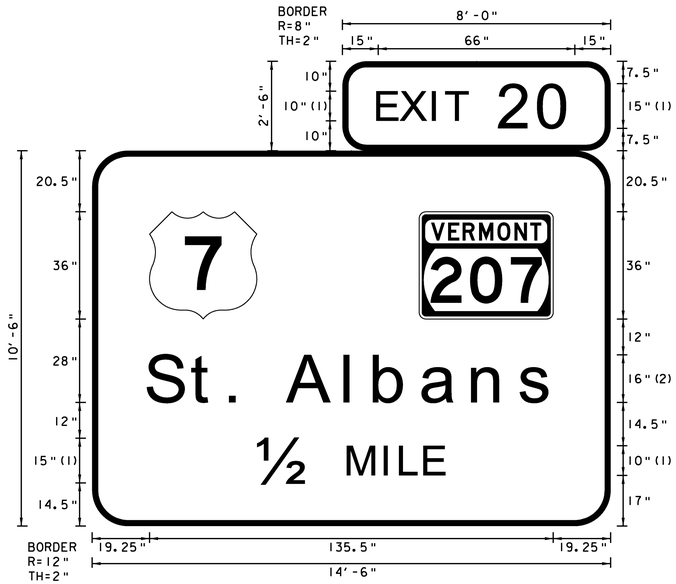
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

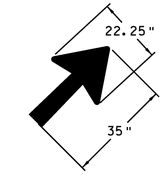
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB8.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 33 OF 221

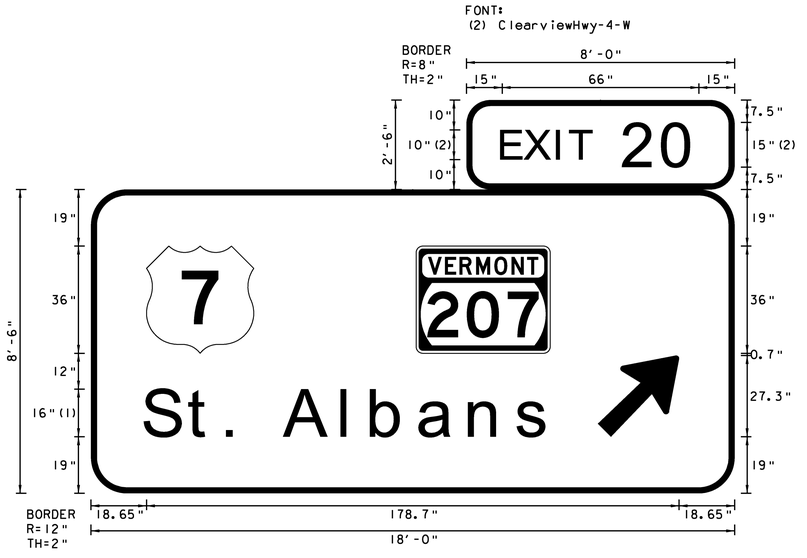


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 116.950 RT.

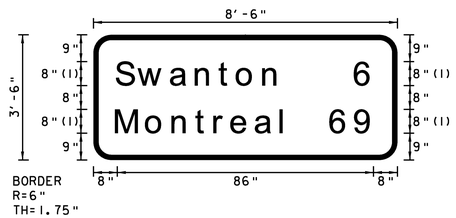


STANDARD ARROW AT
45 DETAIL



FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 117.360 RT.
SOUTHBOUND MM 117.900 RT.



FONT:
(1) ClearviewHwy-5-W
NORTHBOUND MM 118.380 RT.

NOTES:

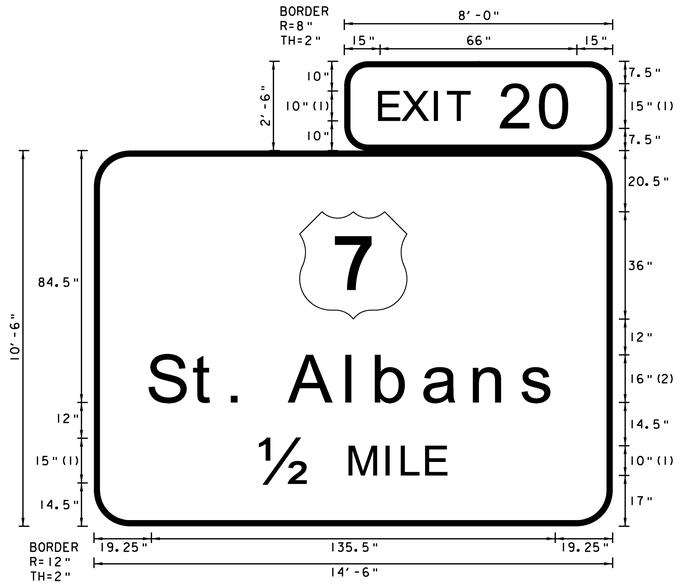
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 9

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

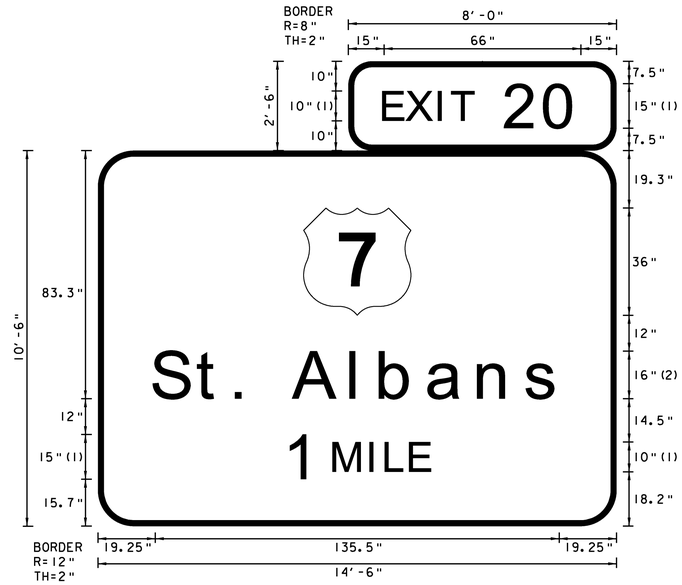
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB9.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 34 OF 221



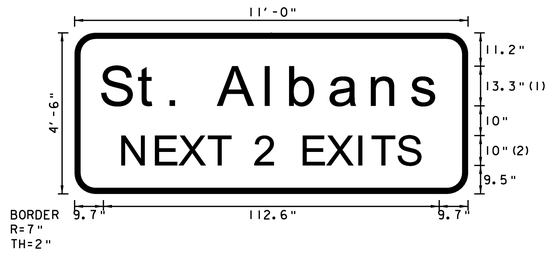
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

SOUTHBOUND MM 118.30 RT.



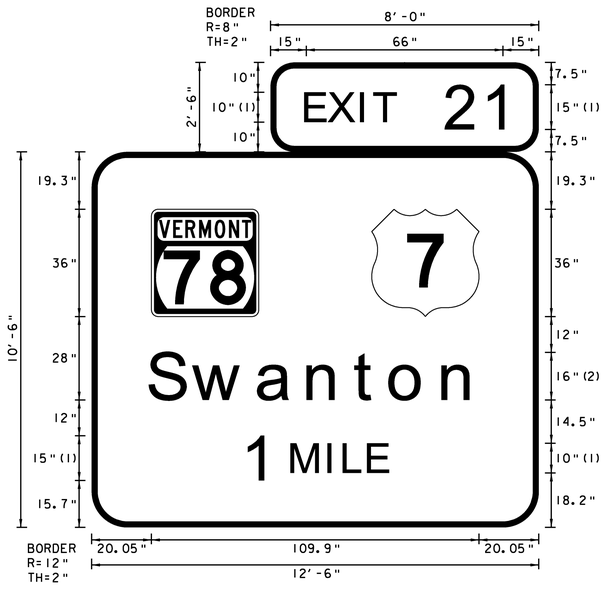
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

SOUTHBOUND MM 118.830 RT.



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

SOUTHBOUND MM 119.330 RT.



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 122.280 RT.
SOUTHBOUND MM 124.560 RT.

NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 10

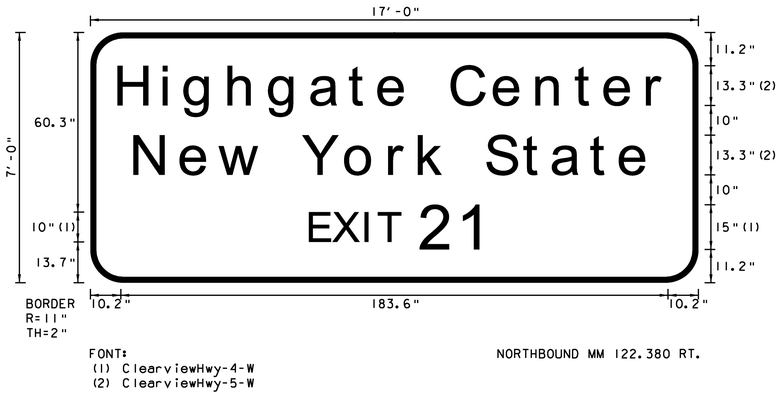
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB10.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 35 OF 221

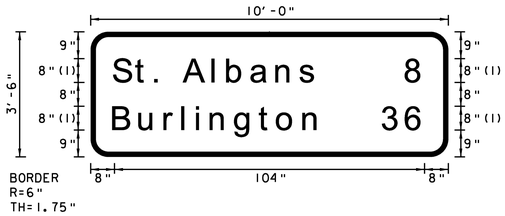
NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.



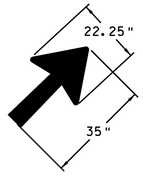
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 122.380 RT.

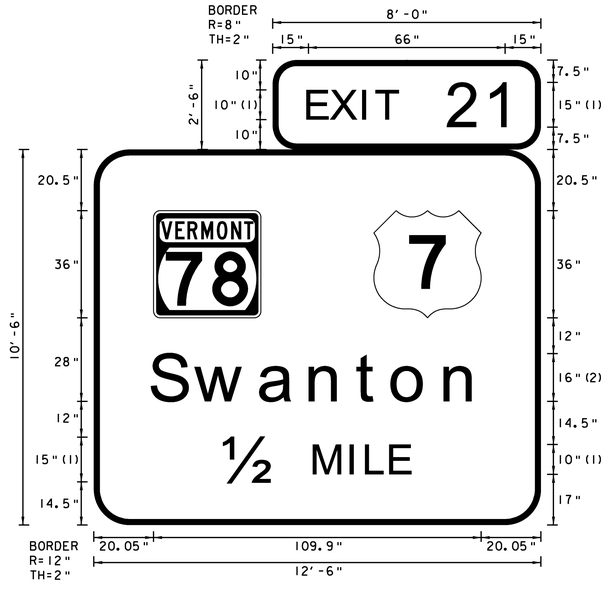


FONT:
(1) ClearviewHwy-5-W

SOUTHBOUND MM 122.540 RT.

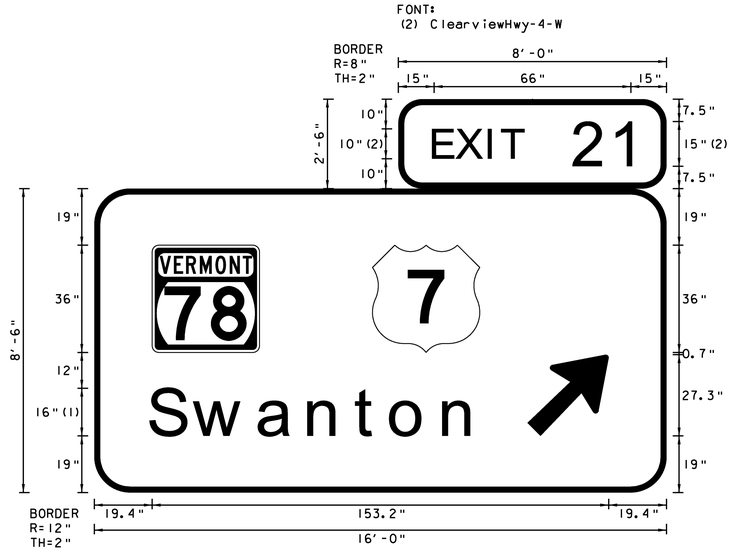


STANDARD ARROW AT 45 DETAIL



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 122.700 RT.
SOUTHBOUND MM 124.005 RT.



FONT:
(1) ClearviewHwy-5-W

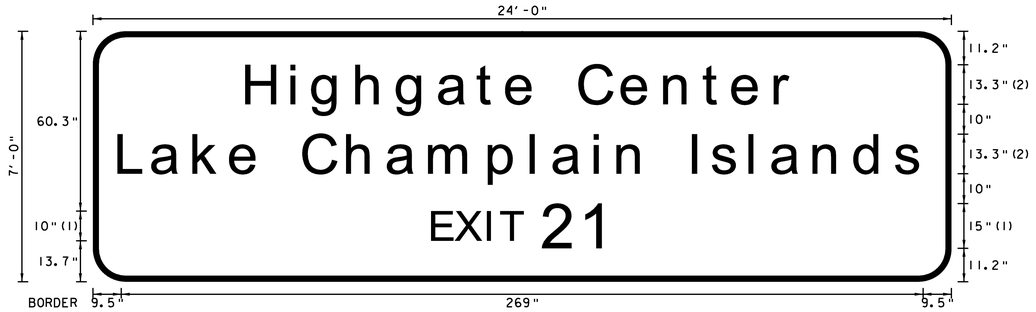
NORTHBOUND MM 123.050 RT.
SOUTHBOUND MM 123.590 RT.

TYPE B SIGN DETAIL SHEET 11

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEBII.I

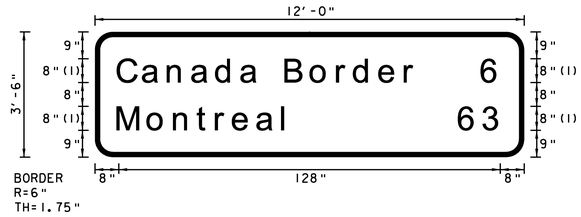
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 36 OF 221



BORDER
R=11"
TH=2"

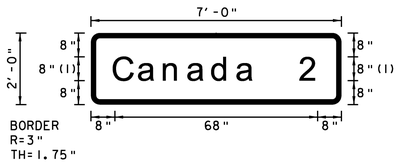
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

SOUTHBOUND MM 124.250 RT.



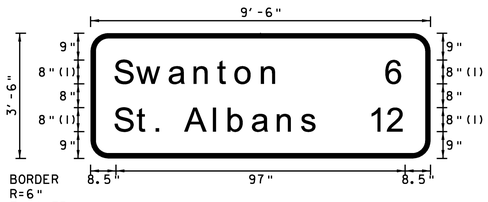
BORDER
R=6"
TH=1.75"

FONT:
(1) ClearviewHwy-5-W
NORTHBOUND MM 124.420 RT.



BORDER
R=3"
TH=1.75"

FONT:
(1) ClearviewHwy-5-W
NORTHBOUND MM 128.230 RT.



BORDER
R=6"
TH=1.75"

FONT:
(1) ClearviewHwy-5-W
SOUTHBOUND MM 128.650 RT.

NOTES:

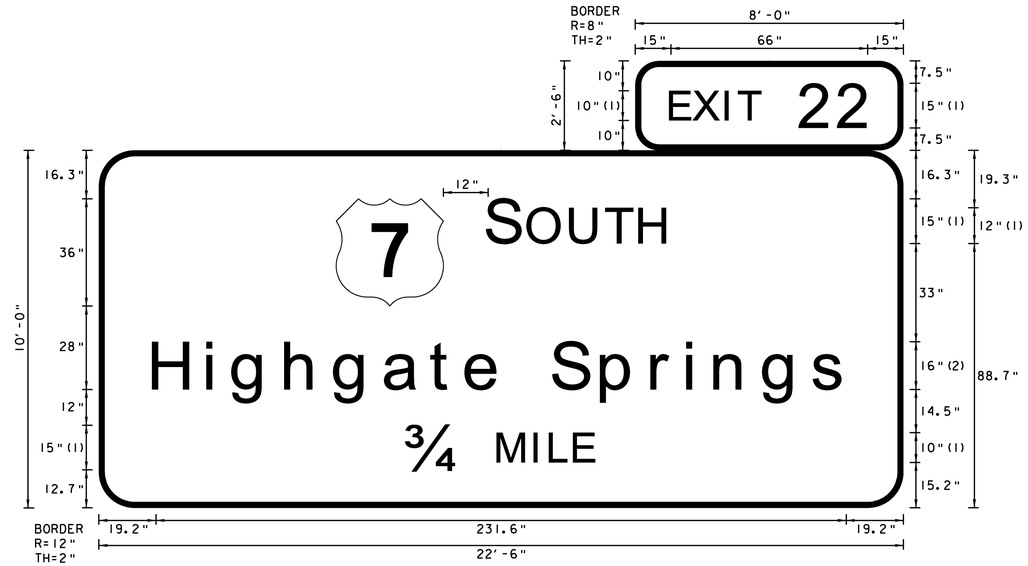
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 12

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

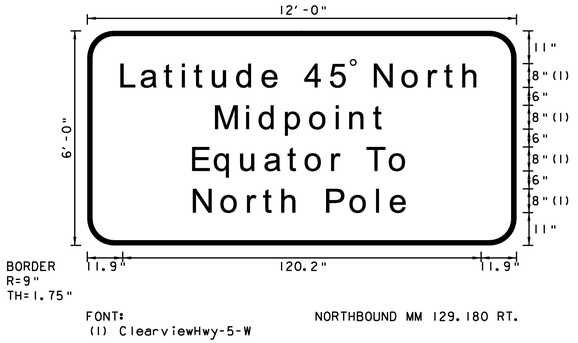
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB12.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 37 OF 221



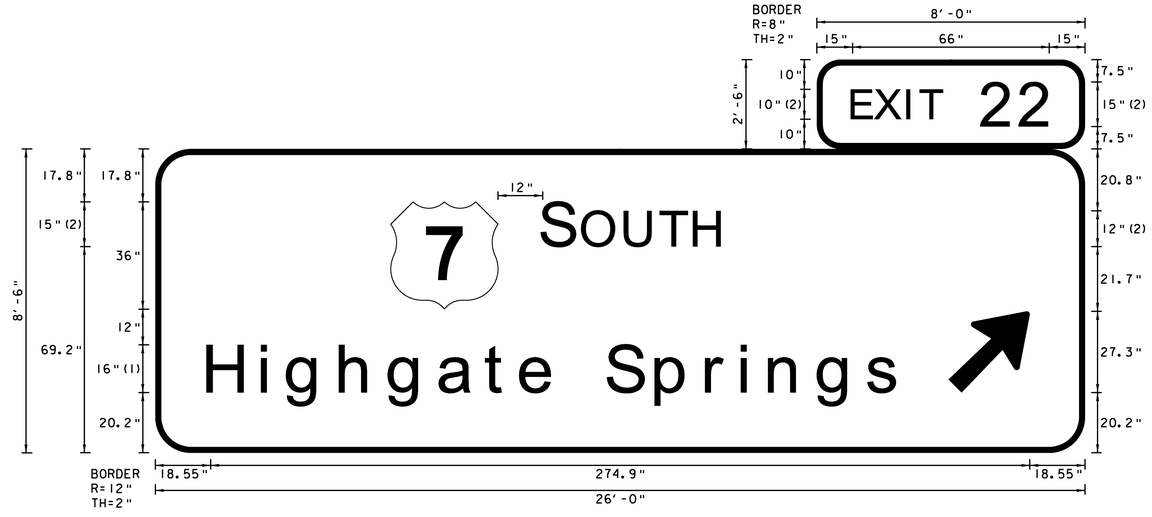
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

NORTHBOUND MM 128.980 RT.



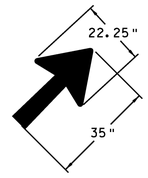
FONT:
(1) ClearviewHwy-5-W

NORTHBOUND MM 129.180 RT.



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

NORTHBOUND MM 129.580 RT.
SOUTHBOUND MM 129.820 RT.



STANDARD ARROW AT
45 DETAIL

NOTES:

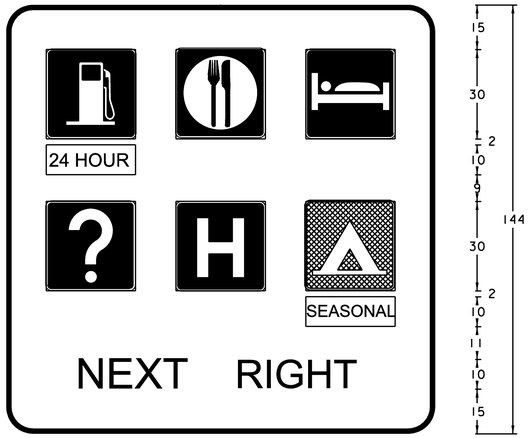
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

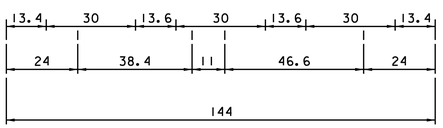
TYPE B SIGN DETAIL SHEET 13

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEBI3.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 38 OF 221





12.0" RADIUS, 2.0" BORDER, WHITE ON BLUE
[NEXT RIGHT] CLEARVIEWHWY-5-W

COLORS: THE SIGN SHALL HAVE RETROREFLECTIVE WHITE TEXT AND BORDER (ASTM TYPE IX) ON A RETROREFLECTIVE BLUE BACKGROUND (ASTM TYPE III).

TYPICAL GENERAL SERVICE SIGN DETAIL
D9-18 (MODIFIED)

NOTES:

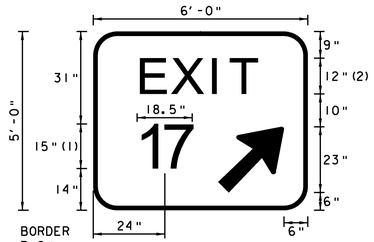
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE BLUE BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 14

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

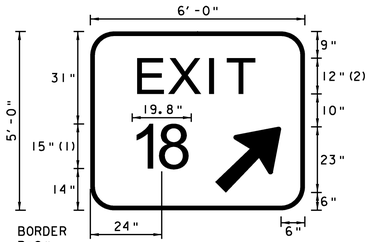
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB14.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 39 OF 221



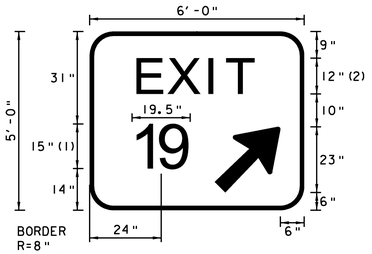
BORDER
R=8"
TH=1.5"

FONT:
(1) ClearviewHwy-3-W
(2) ClearviewHwy-5-W
NORTHBOUND MM 97.980 RT.
SOUTHBOUND MM 97.990 RT.



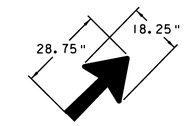
BORDER
R=8"
TH=1.5"

FONT:
(1) ClearviewHwy-3-W
(2) ClearviewHwy-5-W
NORTHBOUND MM 106.341 RT.
SOUTHBOUND MM 106.780 RT.

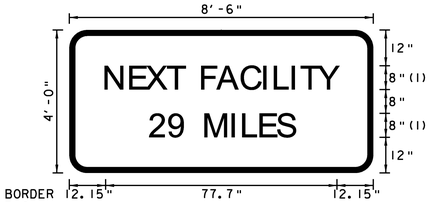


BORDER
R=8"
TH=1.5"

FONT:
(1) ClearviewHwy-3-W
(2) ClearviewHwy-5-W
NORTHBOUND MM 113.570 RT.
SOUTHBOUND MM 113.870 RT.



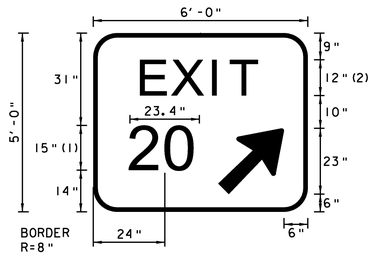
STANDARD ARROW DETAIL
FOR USE WITH GORE SIGNS



BORDER
R=6"
TH=2"

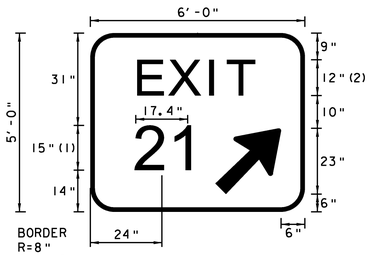
FONT:
(1) ClearviewHwy-3-W
SOUTHBOUND MM 111.770 RT.

COLORS: THE SIGN SHALL HAVE RETROREFLECTIVE WHITE TEXT AND BORDER (ASTM TYPE IX) ON A RETROREFLECTIVE BLUE BACKGROUND (ASTM TYPE III).



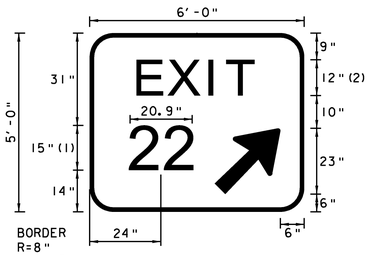
BORDER
R=8"
TH=1.5"

FONT:
(1) ClearviewHwy-3-W
(2) ClearviewHwy-5-W
NORTHBOUND MM 117.530 RT.
SOUTHBOUND MM 117.720 RT.



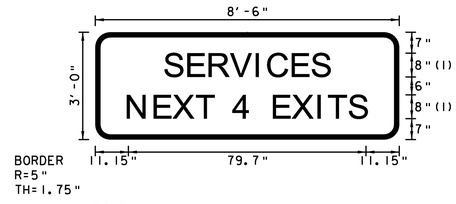
BORDER
R=8"
TH=1.5"

FONT:
(1) ClearviewHwy-3-W
(2) ClearviewHwy-5-W
NORTHBOUND MM 123.277 RT.
SOUTHBOUND MM 123.470 RT.



BORDER
R=8"
TH=1.5"

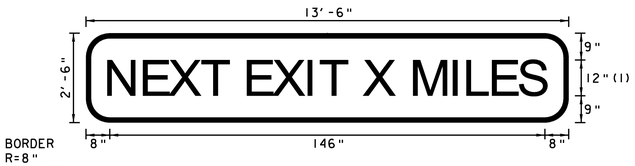
FONT:
(1) ClearviewHwy-3-W
(2) ClearviewHwy-5-W
NORTHBOUND MM 129.689 RT.
SOUTHBOUND MM 129.780 RT.



BORDER
R=5"
TH=1.75"

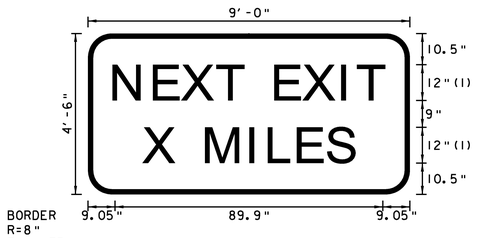
FONT:
(1) ClearviewHwy-4-W
SOUTHBOUND MM 92.400 RT.

COLORS: THE SIGN SHALL HAVE RETROREFLECTIVE WHITE TEXT AND BORDER (ASTM TYPE IX) ON A RETROREFLECTIVE BLUE BACKGROUND (ASTM TYPE III).



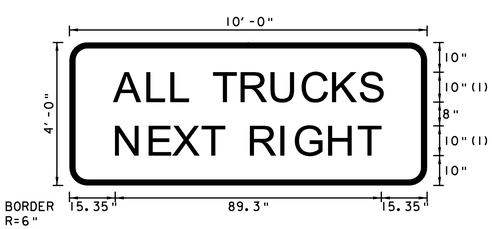
BORDER
R=8"
TH=1.75"

FONT:
(1) ClearviewHwy-4-W



BORDER
R=8"
TH=1.75"

FONT:
(1) ClearviewHwy-4-W



BORDER
R=6"
TH=2"

FONT:
(1) ClearviewHwy-4-W
NORTHBOUND MM 95.250 RT.
SOUTHBOUND MM 96.120 RT.

COLORS: THE SIGN SHALL HAVE RETROREFLECTIVE WHITE TEXT AND BORDER (ASTM TYPE IX) ON A BLACK BACKGROUND.

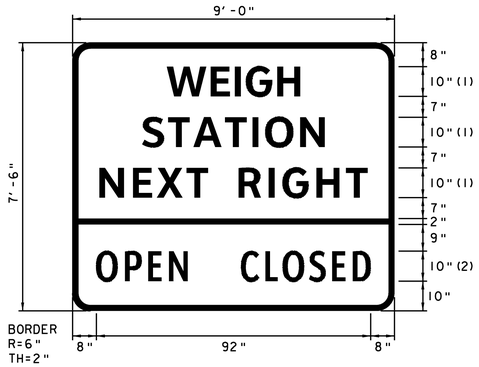
NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN OR BLUE BACKGROUND, (ASTM TYPE III) AS NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

TYPE B SIGN DETAIL SHEET 15

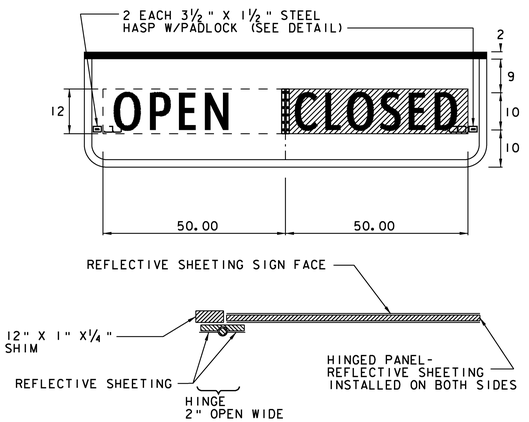
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB15.I
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 40 OF 221

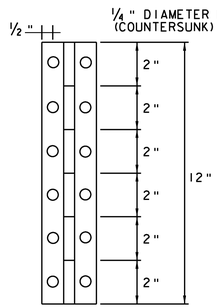


FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-2-W

NORTHBOUND MM 94.680 RT.
SOUTHBOUND MM 95.700 RT.

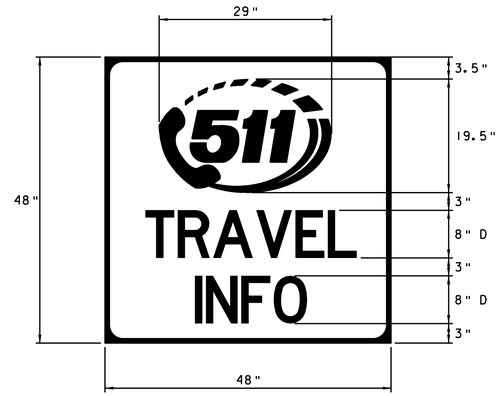


HASP DETAIL



2" HINGE DETAIL

THE CENTRALLY HINGED PANEL TO HAVE THE WORD "OPEN" DISPLAYED WHEN SWUNG TO THE RIGHT AND "CLOSED" DISPLAYED WHEN SWUNG TO THE LEFT ON THE PARENT SIGN. FURNISH AND MOUNT STAINLESS STEEL RETAINERS TO SECURE THE PANEL IN EITHER POSITION. PANEL POSITION WILL BE CHANGED FROM THE GROUND WITH A POLE. HINGE TO BE COVERED WITH SAME RETROREFLECTIVE MATERIAL AS MAIN SIGN. ADJUST LETTER TO LETTER SPACING TO CLEAR HINGE IF NECESSARY AND OTHER LETTERS ACCORDINGLY.



BORDER
R=2.25"
TH=0.75"

NORTHBOUND MM 108.880 RT.
SOUTHBOUND MM 127.700 RT.
SOUTHBOUND MM 95.000 RT.

COLORS: THE SIGN SHALL HAVE RETROREFLECTIVE WHITE TEXT AND BORDER (ASTM TYPE IX) ON A RETROREFLECTIVE BLUE BACKGROUND (ASTM TYPE III).

NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. VERMONT STATE ROUTE MARKERS SHALL HAVE GREEN LEGEND AND BORDER WITH A WHITE BACKGROUND.

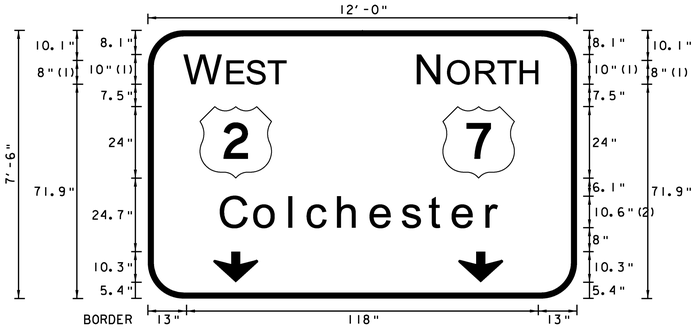
TYPE B SIGN DETAIL SHEET 16

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEBI6.i

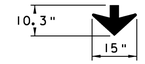
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 41 OF 221

RETROREFLECTIVE GREEN BACKGROUND (ASTM TYPE IX)

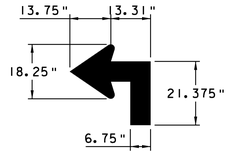


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

INTERCHANGE 16
N.B. U.S. 7 MM 0.205

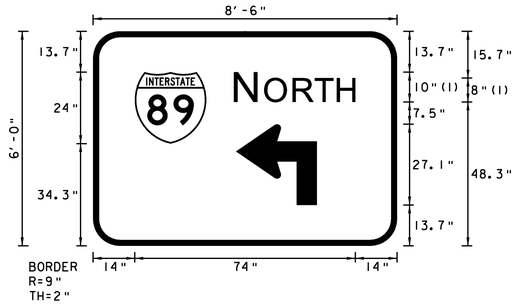


STANDARD ARROW DETAIL



STANDARD ARROW DETAIL

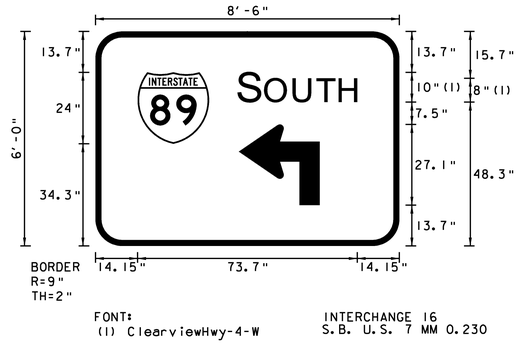
RETROREFLECTIVE GREEN BACKGROUND (ASTM TYPE IX)



FONT:
(1) ClearviewHwy-4-W

INTERCHANGE 16
N.B. U.S. 7 MM 0.205

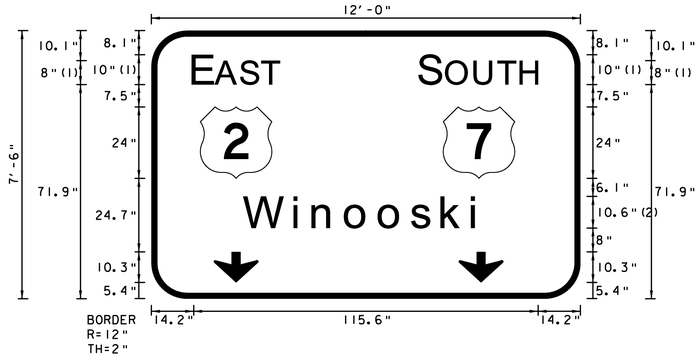
RETROREFLECTIVE GREEN BACKGROUND (ASTM TYPE IX)



FONT:
(1) ClearviewHwy-4-W

INTERCHANGE 16
S.B. U.S. 7 MM 0.230

RETROREFLECTIVE GREEN BACKGROUND (ASTM TYPE IX)



FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

INTERCHANGE 16
S.B. U.S. 7 MM 0.230

NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE IX) UNLESS OTHERWISE NOTED.
3. INTERSTATE ROUTE MARKERS SHALL BE RED, WHITE AND BLUE.

TYPE B SIGN DETAIL SHEET 17

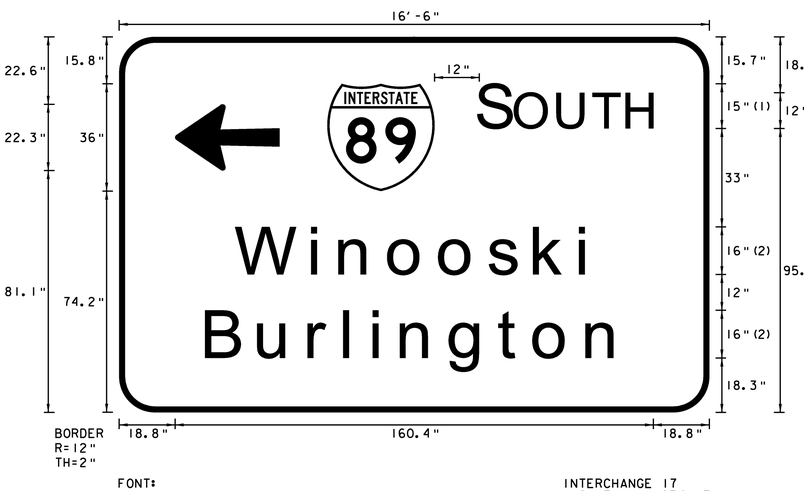
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEBI7.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 42 OF 221

FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

INTERCHANGE 17
U.S. 7 MM 2.120 RT

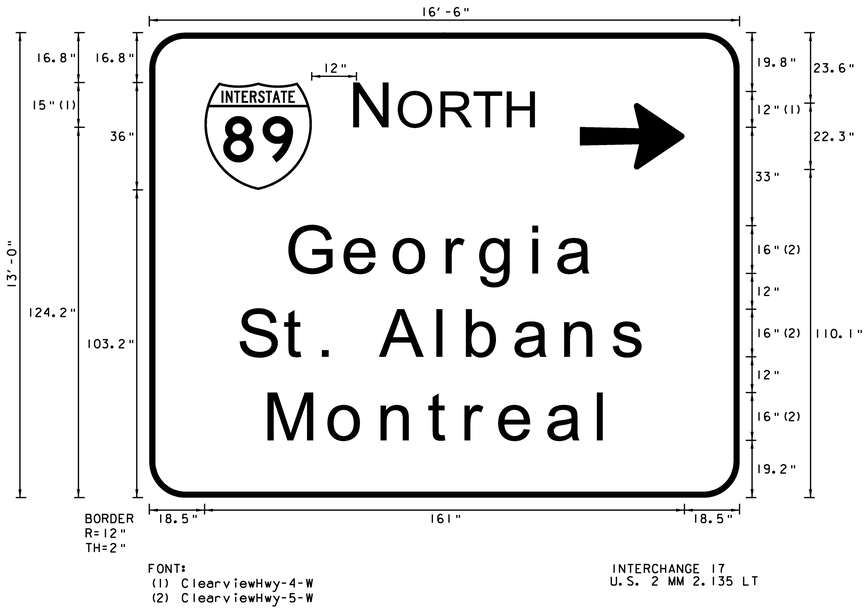


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

INTERCHANGE 17
U.S. 7 MM 1.954 LT

FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

INTERCHANGE 17
U.S. 7 MM 1.701 RT

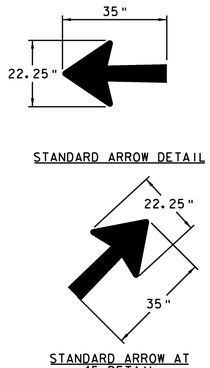


FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

INTERCHANGE 17
U.S. 2 MM 2.135 LT

FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

INTERCHANGE 17
U.S. 7 MM 1.800 RT



NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE III) UNLESS OTHERWISE NOTED.
3. INTERSTATE ROUTE MARKERS SHALL BE RED, WHITE AND BLUE.

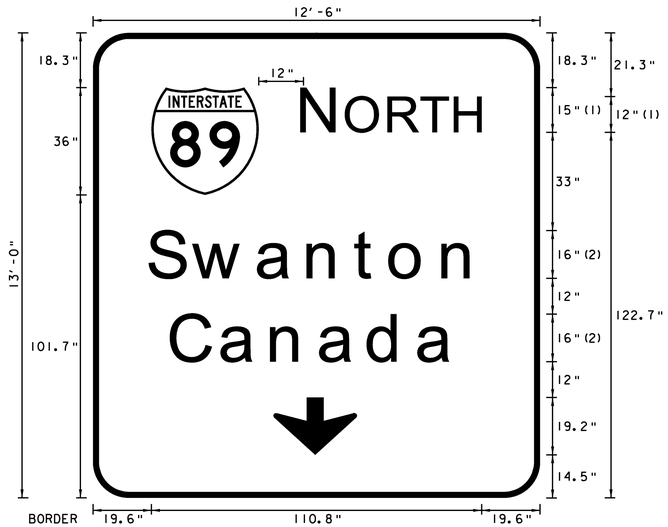
TYPE B SIGN DETAIL SHEET 18

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEBI8.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 43 OF 221

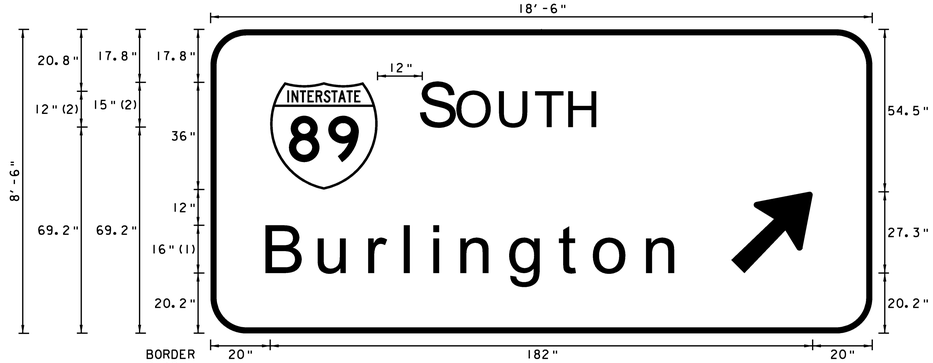
RETROREFLECTIVE GREEN BACKGROUND (ASTM TYPE IX)



INTERCHANGE 19
ST. ALBANS STATE HIGHWAY
MM 0.880

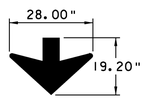
FONT:
(1) ClearviewHwy-4-W
(2) ClearviewHwy-5-W

RETROREFLECTIVE GREEN BACKGROUND (ASTM TYPE IX)

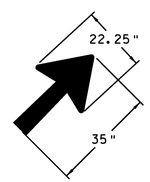


FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-4-W

INTERCHANGE 19
RAMP C MM 0.055



ARROW DETAIL



STANDARD ARROW AT 45 DETAIL

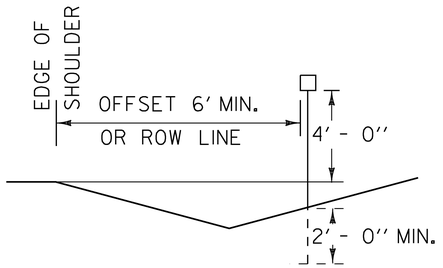
NOTES:

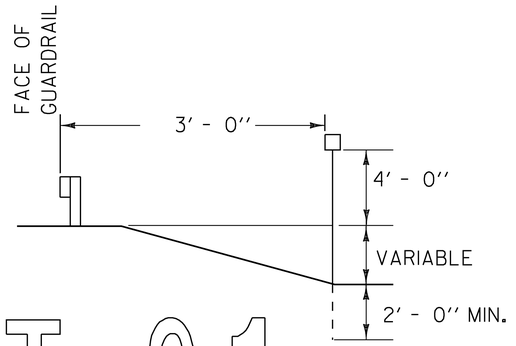
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL SIGNS SHALL HAVE A RETROREFLECTIVE WHITE TEXT, SYMBOL AND BORDER, (ASTM TYPE IX) ON A RETROREFLECTIVE GREEN BACKGROUND, (ASTM TYPE IX) UNLESS OTHERWISE NOTED.
3. INTERSTATE ROUTE MARKERS SHALL BE RED, WHITE AND BLUE.

TYPE B SIGN DETAIL SHEET 19

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEB19.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 44 OF 221





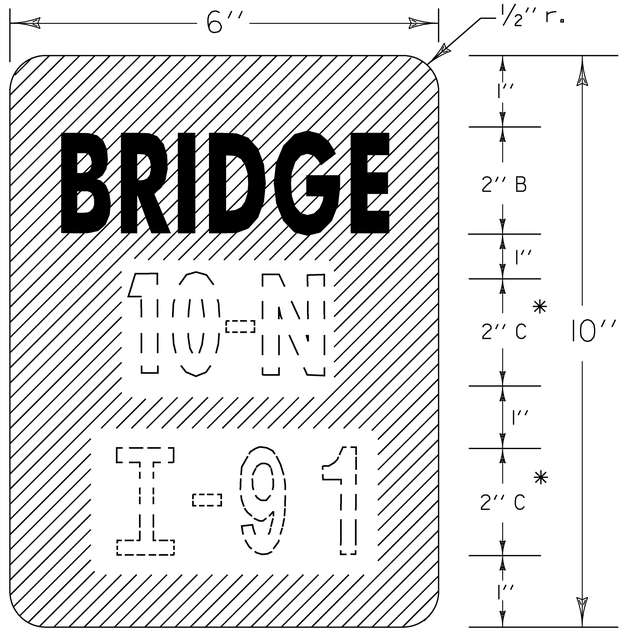
I-91

2''

HYPHENATED WORD DETAIL

FOR EXAMPLE, ROUTE NUMBERS SHALL APPEAR

AS: I-91, US5, VT22



VD-701

* OPTICALLY SPACE BRIDGE AND ROUTE NUMBERS. SERIES B LETTERS MAY BE USED TO MAINTAIN VISUAL INTEGRITY.

GENERAL:
DOTTED LINES AND NUMERALS INDICATE TEXT THAT VARIES.

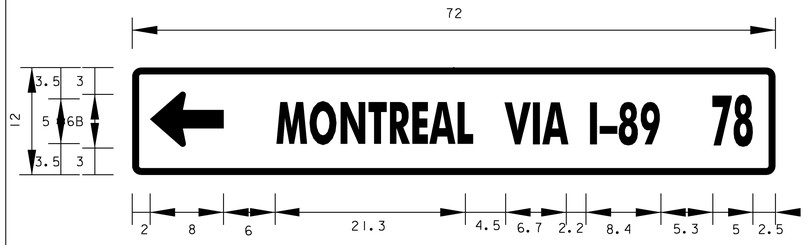
MATERIAL:
THE SIGN BASE MATERIAL SHALL BE 0.040 INCH FLAT SHEET ALUMINUM.

COLORS:
THE SIGN SHALL HAVE A RETROREFLECTORIZED WHITE TEXT ON RETROREFLECTORIZED
GREEN BACKROUND. THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAYADMINISTRATION.

RETROREFLECTIVITY WILL BE EQUAL TO OR EXCEEDING ASTM TYPE III.

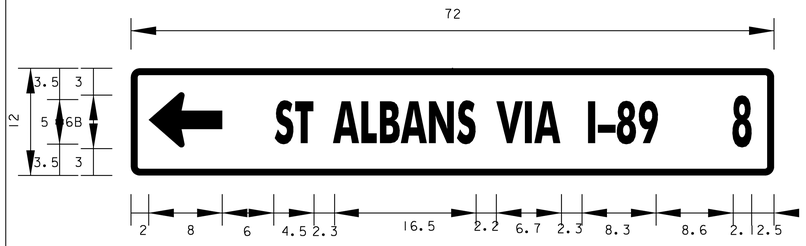
LETTERING:
LETTERS AND DIGITS SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AS PRINTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

POSTS:
1 ¾ INCH SQUARE STEEL POST WITH 2 INCH ANCHOR SHALL BE USED. POST SHALL BE A MINIMUM OF 8 FEET.



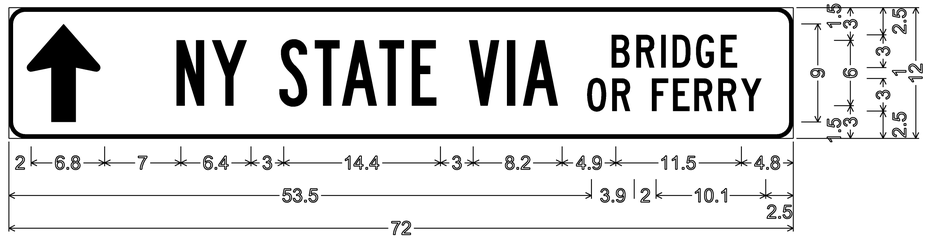
BORDER R=1.5 TH=0.5

STANDARD ARROW CUSTOM 8" X6" 180 DEGREE;
MONTREAL VIA I-89 "B" C"75% SPACING' "78" B
WHITE ON GREEN
DIMENSIONS IN INCHES



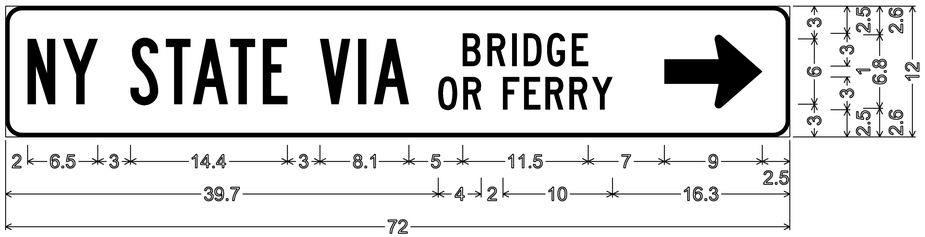
BORDER R=1.5 TH=0.5

STANDARD ARROW CUSTOM 8" X6" 180 DEGREE;
ST ALBANS VIA I-89 "B" C"75% SPACING' "8" B
WHITE ON GREEN
DIMENSIONS IN INCHES

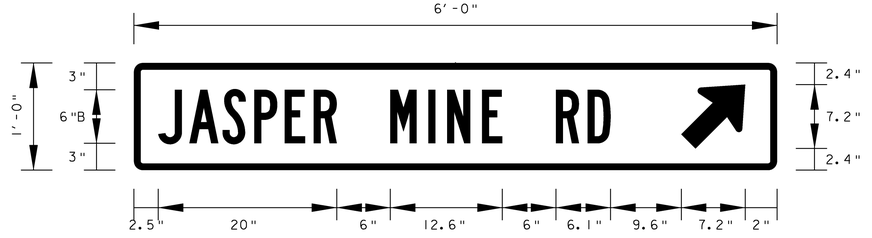


1.5" Radius, 0.4" Border, White on Green;
Standard Arrow Custom 9.0" X 6.8" 90°; "NY STATE VIA" B specified length;
"BRIDGE" C; "OR FERRY" C specified length;

1.5" Radius, 0.4" Border, White on Green;
Standard Arrow Custom 9.0" X 6.8" 180°; "NY STATE VIA" B specified length;
"BRIDGE" C; "OR FERRY" C specified length;



1.5" Radius, 0.4" Border, White on Green;
"NY STATE VIA" B specified length; "BRIDGE" C; "OR FERRY" C specified length;
Standard Arrow Custom 9.0" X 6.8" 0°;



BORDER R=1.5" TH=0.375"

WHITE TEXT AND BORDER (REFL.)
WITH GREEN BACKGROUND (REFL.)

45 ARROW DETAIL

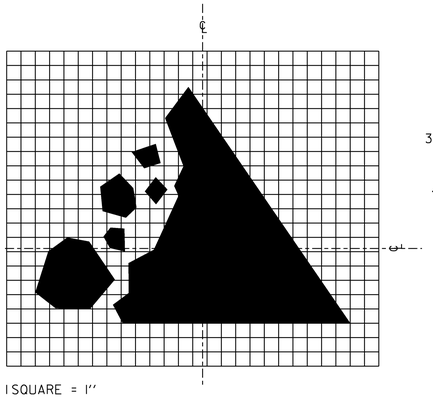
NOTE: FOR ADDITIONAL DETAILS SEE VTRANS STANDARD E-123

TYPE A SIGN DETAIL SHEET 1

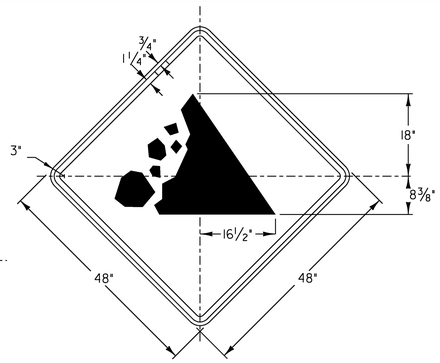
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEA1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 45 OF 221

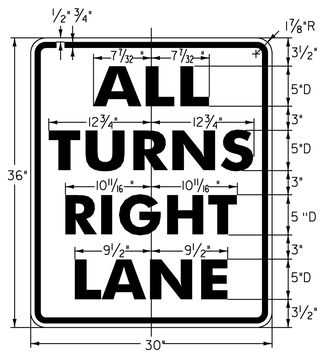


1 SQUARE = 1"



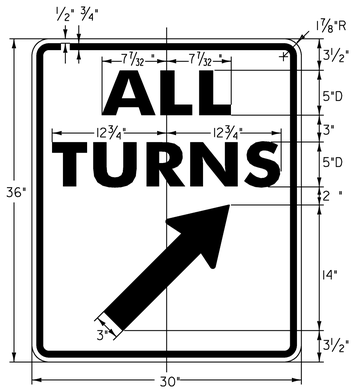
VW-285

BLACK TEXT & BORDER (NON-REFL)
WITH YELLOW BACKGROUND (REFL)



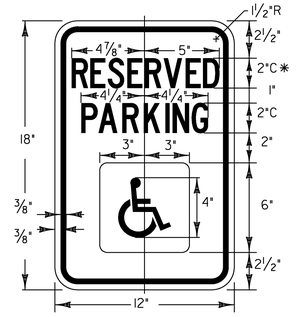
VR-428

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)



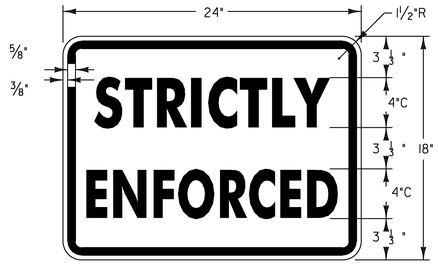
VR-284

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)



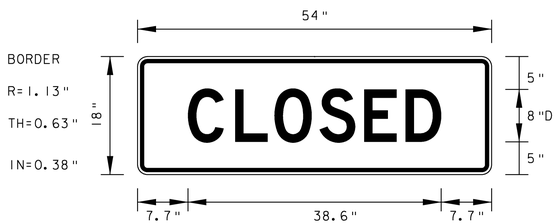
R7-8M

COLORS:
LEGEND AND BORDER-GREEN (REFL)
WHITE SYMBOL ON BLUE BACKGROUND (REFL)
BACKGROUND WHITE (REFL)
* REDUCE SPACING BY 50%



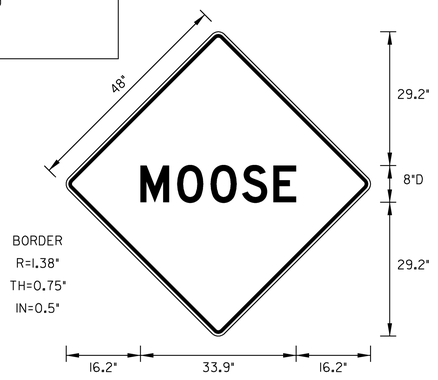
VR-655P

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)



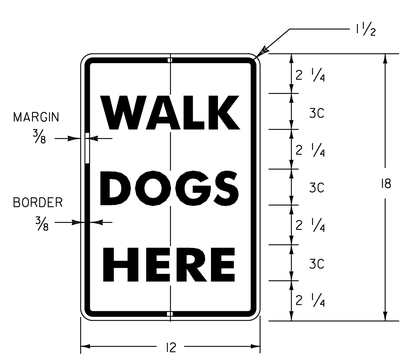
RII-2 (MODIFIED)

WHITE TEXT & BORDER (REFL)
WITH GREEN BACKGROUND (REFL)



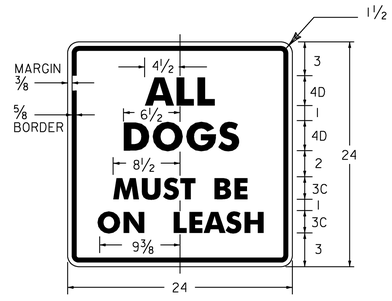
VW-001

BLACK TEXT & BORDER (NON-REFL)
WITH YELLOW BACKGROUND (REFL)



VR-541

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)

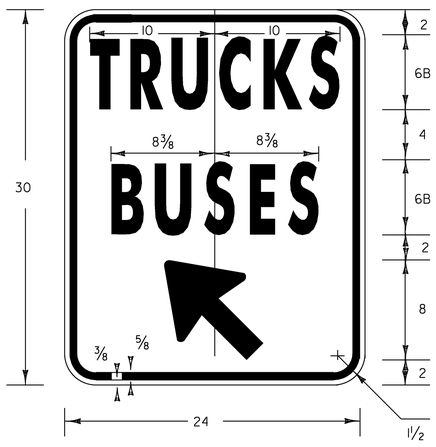


VR-648

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)

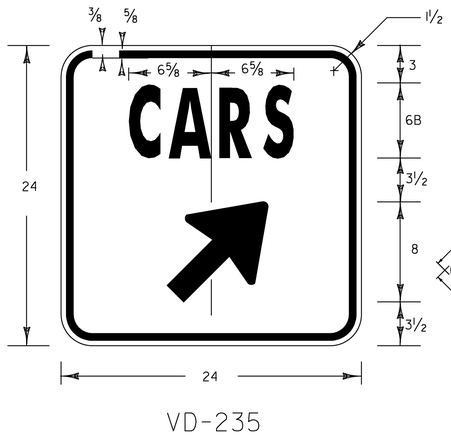
VD-243

WHITE TEXT & BORDER (REFL)
WITH GREEN BACKGROUND (REFL)



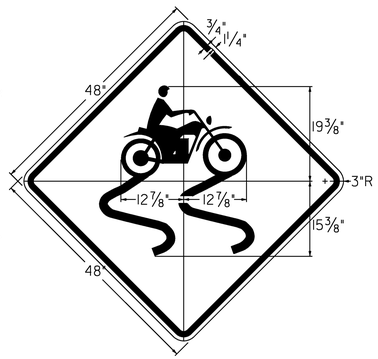
VD-239

WHITE TEXT & BORDER (REFL)
WITH BLUE BACKGROUND (REFL)



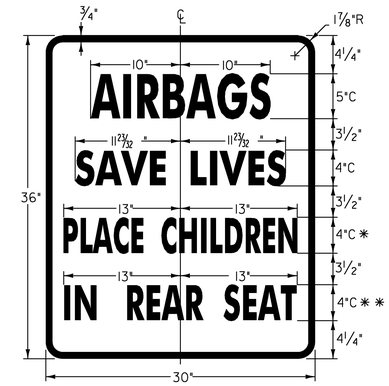
VD-235

WHITE TEXT & BORDER (REFL)
WITH BLUE BACKGROUND (REFL)



VW-397

BLACK SYMBOL & BORDER
WITH YELLOW BACKGROUND



VD-215

WHITE REFLECTORIZED TEXT AND BORDER
ON BLUE BACKROUND
* REDUCE SPACING BY 24%
** REDUCE SPACING BY 14%

NOTES:

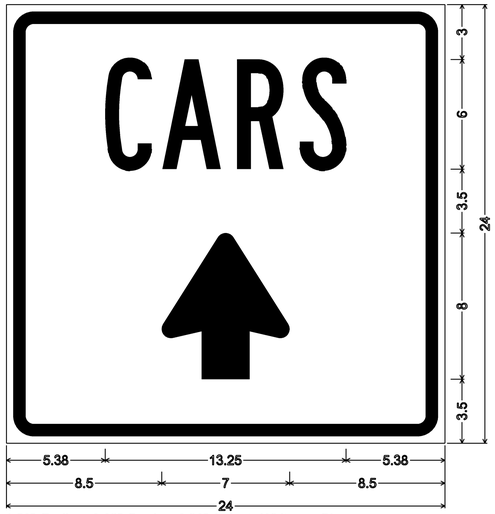
1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL RETROREFLECTIVE SHEETING TO BE ASTM TYPE III
3. ALL MEASUREMENTS SHOWN IN INCHES.
4. LETTERS IN SIGN DIMENSIONS ("A"-"F") REFER TO ALHPHABETS DETAILED IN THE "STANDARD HIGWAY SIGNS" BOOK. "R" IS RADIUS.

TYPE A SIGN DETAIL SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

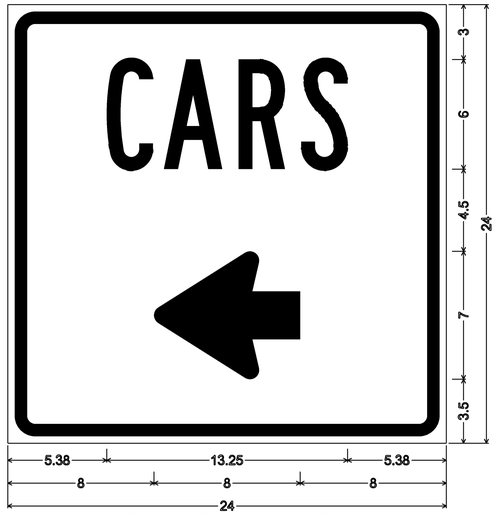
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEA2.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 46 OF 221



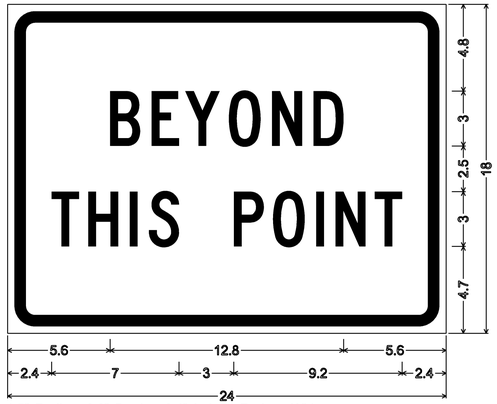
1.50" Radius, 0.63" Border, 0.38" Indent, White on Blue;
"CARS" B; Arrow Custom - 8.00" 90";

VD-235



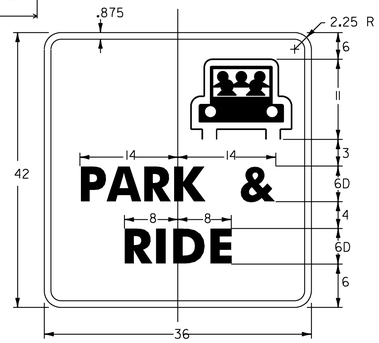
1.50" Radius, 0.63" Border, 0.38" Indent, White on Blue;
"CARS" B; Arrow Custom - 8.00" 180";

VD-235



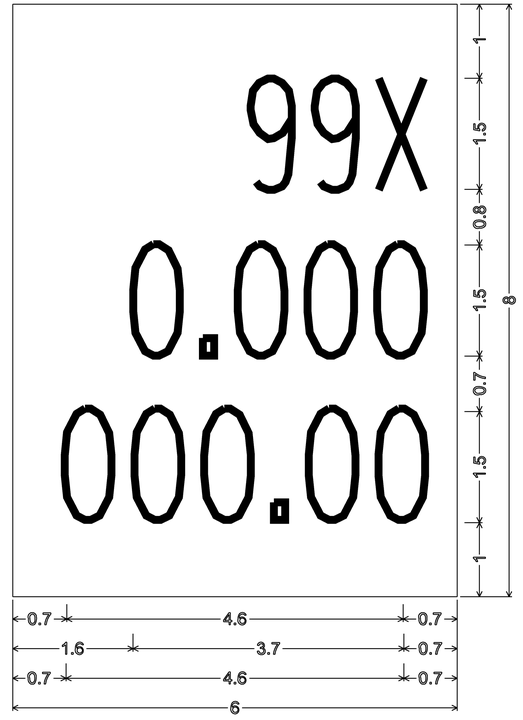
1.5" Radius, 0.6" Border, 0.4" Indent, Red on White;
"BEYOND" C; "THIS POINT" C;

VR-345p



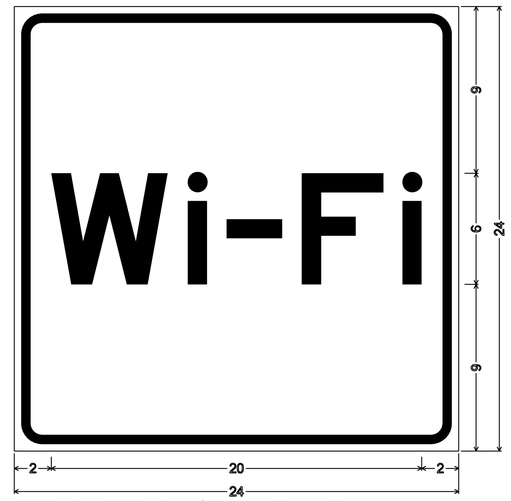
D4-2
(MODIFIED)

SEE SHS FOR GRAPHIC DETAIL
COLORS
LEGEND,ARROW,&BORDER-WHITE
SYMBOL-WHITE & GREEN
BACKROUND-GREEN



VD-700M

NO BORDER, WHITE ON GREEN
LEGEND IS B SERIES ALPHABET
99X = INTERCHANGE NUMBER AND RAMP LETTER
0.000 = RAMP MILEAGE
000.00 = MAINLINE MILEAGE

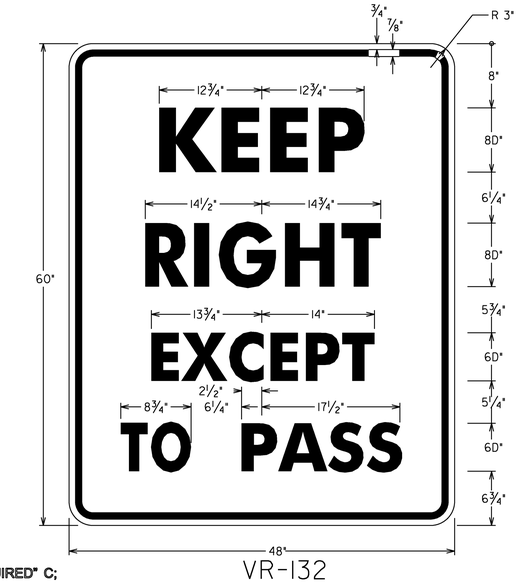


1.50" Radius, 0.50" Border, 0.38" Indent, White on Blue;
"Wi-Fi" E specified length;

VD-102

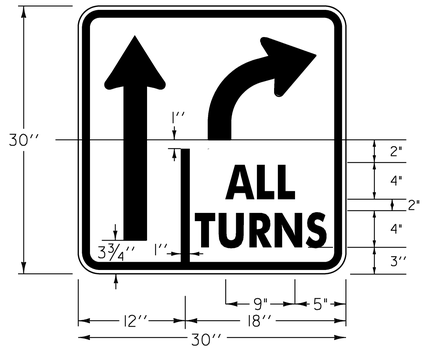
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"SAFETY BELTS" B specified length; Symbol RG015; "REQUIRED" C;

VR-601



VR-132

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)



VR-921 (MODIFIED)

BLACK TEXT & BORDER (NON-REFL)
WITH WHITE BACKGROUND (REFL)

NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK. MINOR VARIATIONS IN THE TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECTS SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VTRANS PRIOR TO FABRICATION.
2. ALL RETROREFLECTIVE SHEETING TO BE ASTM TYPE III
3. ALL MEASUREMENTS SHOWN IN INCHES.

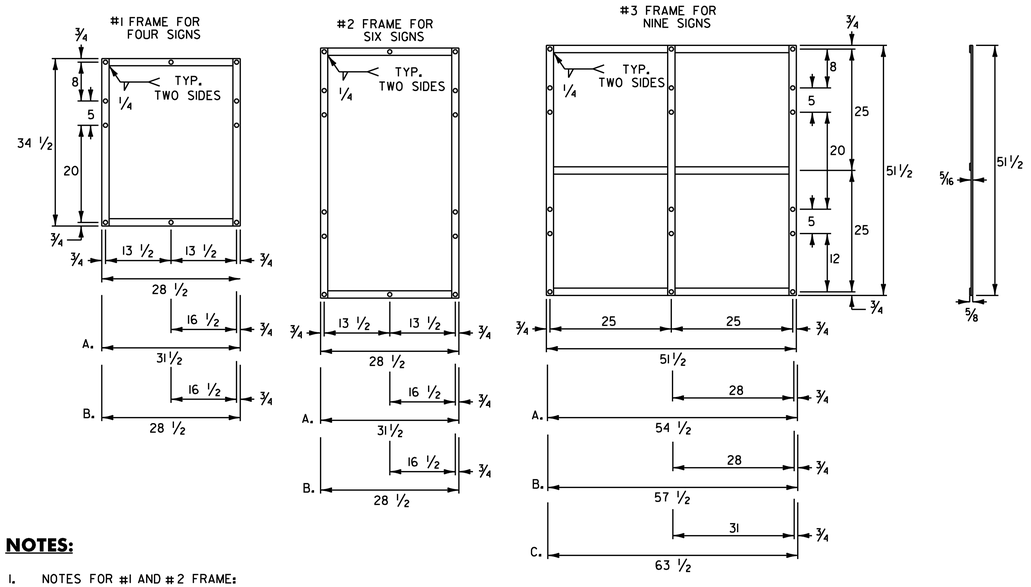
TYPE A SIGN DETAIL SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEA3.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 47 OF 221

ROUTE MARKER ASSEMBLY FRAMES



NOTES:

1. NOTES FOR #1 AND #2 FRAME:

   A. WITH ONE 30 INCH THREE DIGIT SIGN
   B. WITH TWO 30 INCH THREE DIGIT SIGNS

2. NOTES FOR #3 FRAME:

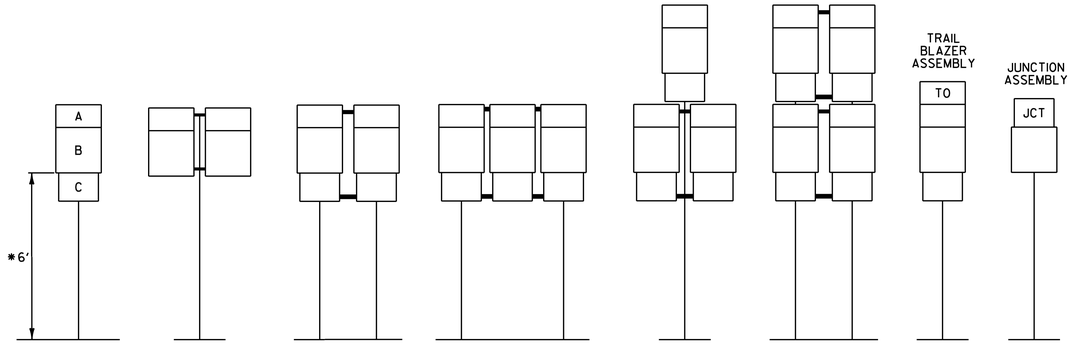
   A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
   B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
   C. WITH THREE 30 INCH THREE DIGIT SIGNS.

3. ALL HOLES SHALL BE 7/16 INCH DIAMETER. FOR OTHER SIGN COMBINATIONS. THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.

4. STANDARD FRAMES SHALL BE 5/16 INCH x 1 1/2 INCH WELDED A-36 STEEL.

5. ALL DIMENSIONS SHOWN IN INCHES EXCEPT WHERE NOTED.

STANDARD MOUNTING OF ROUTE MARKER ASSEMBLIES



A - CARDINAL DIRECTION MARKER
B - ROUTE NUMBER
C - ADVANCE TURN ARROW OR DIRECTIONAL ARROW

* WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO SEVEN FEET

INSTALLATION SEQUENCE:

IN MULTIPLE HORIZONTAL MOUNTINGS PLACE A ROUTE MARKER ASSEMBLY INDICATING A LEFT TURN ON THE LEFT SIDE OF THE ASSEMBLY; RIGHT TURN ON THE RIGHT SIDE. FOR VERTICALLY STACKED MOUNTINGS PLACE THE STRAIGHT THROUGH MOVE INDICATION ON TOP, THE LEFT OR RIGHT TURNS AS APPROPRIATE BENEATH.

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES EXCEPT WHERE NOTED.

2. VERTICAL FRAME MEMBERS SHALL LINE UP WITH SIGN POST ON WHICH THEY ARE MOUNTED.

TYPE A SIGN DETAIL SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEA4.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 48 OF 221

33.00''

GAS / DIESEL

13.20''

FOOD

17.00''

PHONE

10.00''

GAS

24''

GAS 24 HRS

17.80''

DIESEL

34.80''

INFORMATION

38.80''

STATE POLICE

27.20 ''

FOOD 24 HRS

23''

CAMPING

24.80''

SERVICES

25.20''

HOSPITAL

22.20''

LODGING

41.00''

GAS/DIESEL 24 HRS

41.00''

BORDER PATROL

31.40''

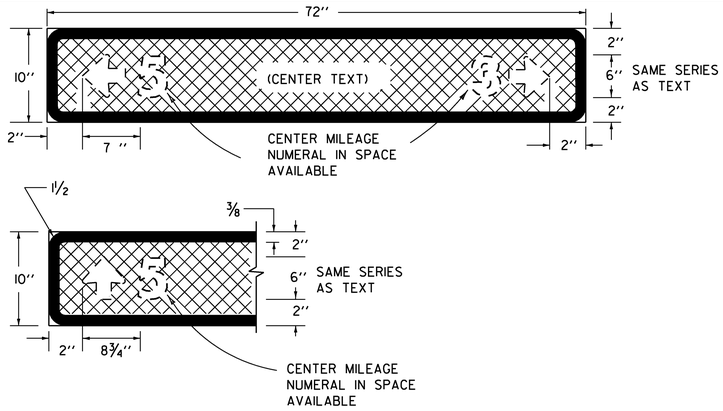
AMBULANCE

29.60''

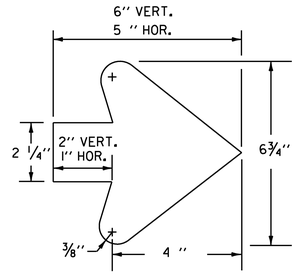
DIESEL 24 HRS

TEXT

ALL TEXT WILL BE 'B' SERIES
ALL 24 HRS TEXT WILL BE 3 INCH 'B' SERIES



SIGN & LEGEND LAYOUT DIMENSIONS



ARROW DIMENSIONS

GENERAL:

DOTTED LINES DENOTE VARIABLE TEXT. CROSSHATCHING DENOTES BLUE BACKGROUND.
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

MATERIALS:

THE SIGN BASE MATERIAL FOR SERVICES SIGNS SHALL BE HIGH DENSITY OVERLAID PLYWOOD ¾ INCH THICK OR FLAT SHEET ALUMINUM 0.125 INCH THICK.

COLORS:

THE SERVICE SIGNS SHOWN ON THIS SHEET SHALL HAVE RETROREFLECTIVE WHITE LEGEND ON RETROREFLECTIVE BLUE BACKGROUND.THE COLORS SHALL CONFORM WITH THE COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS AND APPROVED BY THE DEPARTMENT OF TRANSPORTATION (US DOT), FEDERAL HIGHWAY ADMINISTRATION (FHWA)

SIGNS WILL HAVE RETROREFLECTIVITY EQUAL TO OR EXCEEDING ASTM TYPE III REQUIREMENTS.

LETTERING:

THE LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.

SPECIFICATIONS:

ALL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD HIGHWAY SIGNS BOOK (SHS) PUBLISHED BY THE US DOT / FHWA.

GENERAL MOTORIST SERVICE SIGN DETAILS

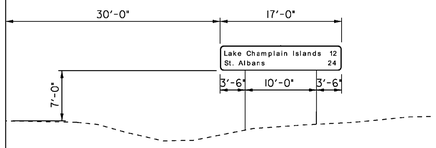
TYPE A SIGN DETAIL SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

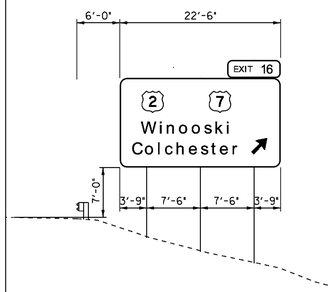
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: RHB
PLOT FILE: 09A016TYPEA5.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 49 OF 221

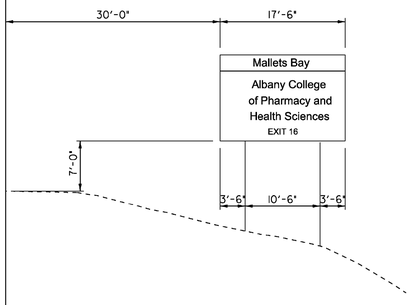
EDGE OF TRAVELLED WAY



M.M. 92.470 NB
LT POST LENGTH 12'-0"
RT POST LENGTH 11'-0"

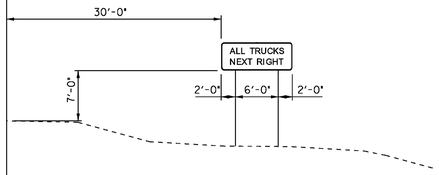


M.M. 91.290 NB
LT POST LENGTH 22'6"
MID POST LENGTH 24'-6"
RT POST LENGTH 26'-0"

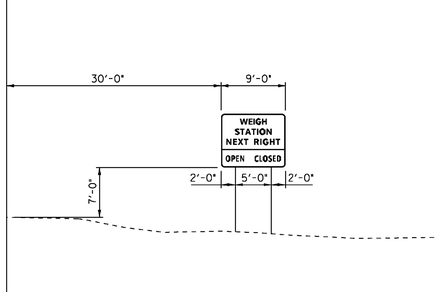


M.M. 91.025 NB
LT POST LENGTH 25'-0"
RT POST LENGTH 27'-0"

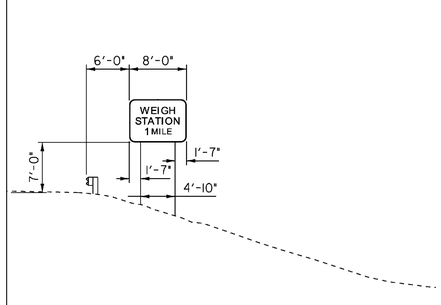
EDGE OF TRAVELLED WAY



M.M. 95.250 NB
LT POST LENGTH 15'-0"
RT POST LENGTH 15'-0"

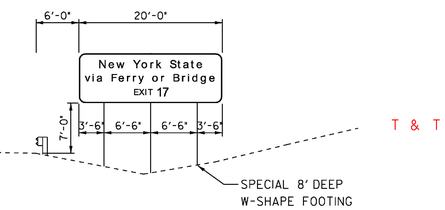


M.M. 94.690 NB
LT POST LENGTH 17'-0"
RT POST LENGTH 17'-0"

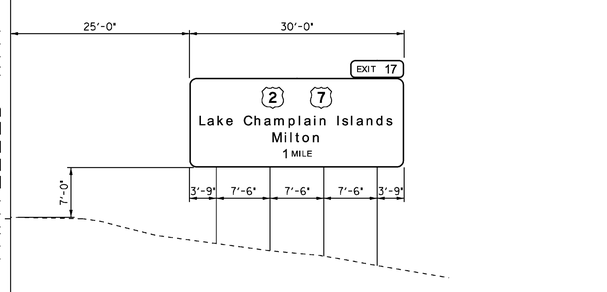


M.M. 94.300 NB
LT POST LENGTH 15'-0"
RT POST LENGTH 16'-6"

EDGE OF TRAVELLED WAY



M.M. 97.240 NB
LT POST LENGTH 16'-0"
MID POST LENGTH 17'-0"
RT POST LENGTH 16'-0"



M.M. 96.640 NB
LT POST LENGTH 23'-6"
LT MID POST LENGTH 24'-6"
RT MID POST LENGTH 25'-0"
RT POST LENGTH 26'-6"

SCALE 1" = 10'-0"
10 0 10

NOTES:

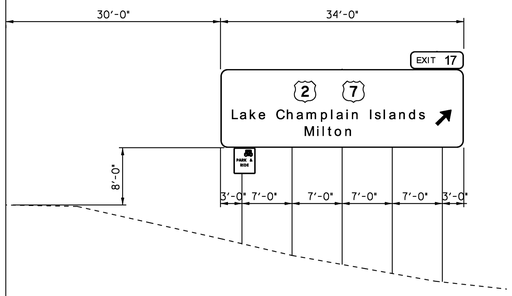
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

NORTHBOUND CROSS SECTIONS 1

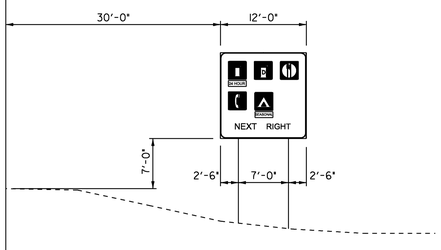
COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN	PLOT DATE: 8/21/2009
PROJECT LEADER: EPD	DRAWN BY: JDG
DESIGNED BY: JDG	CHECKED BY: EPD
PLOT FILE: 09A016CSI.I	SHEET 50 OF 221

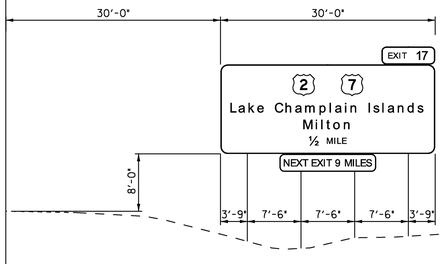
EDGE OF TRAVELLED WAY



M.M. 97.800 NB
LT POST LENGTH 24'-6"
LT MID POST LENGTH 26'-6"
CENTER POST LENGTH 27'-6"
RT MID POST LENGTH 29'-0"
RT POST LENGTH 30'-0"

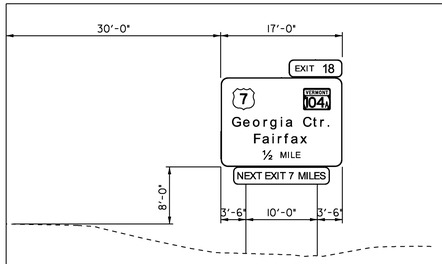


M.M. 97.630 NB
LT POST LENGTH 24'-0"
RT POST LENGTH 25'-0"

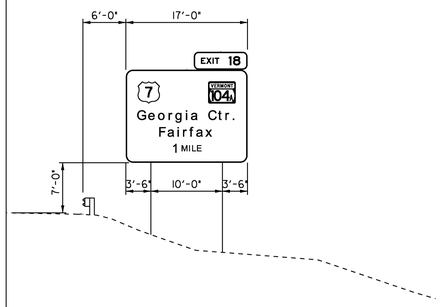


M.M. 97.480 NB
LT POST LENGTH 25'-0"
LT MID POST LENGTH 26'-0"
RT MID POST LENGTH 24'-6"
RT POST LENGTH 24'-0"

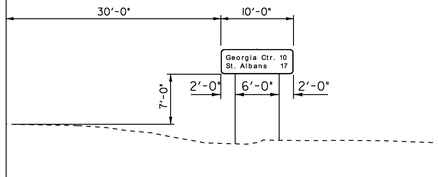
EDGE OF TRAVELLED WAY



M.M. 105.780 NB
LT POST LENGTH 24'-6"
RT POST LENGTH 25'-0"

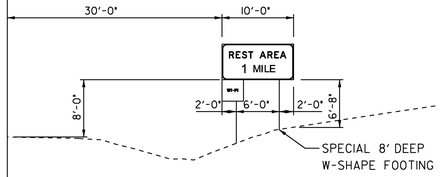


M.M. 105.230 NB
LT POST LENGTH 23'-6"
RT POST LENGTH 26'-0"

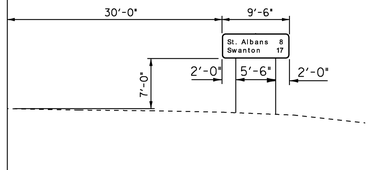


M.M. 99.002 NB
LT POST LENGTH 13'-6"
RT POST LENGTH 13'-0"

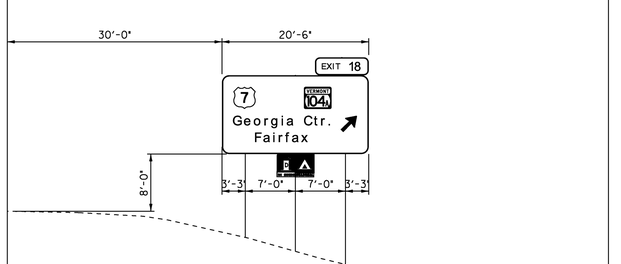
EDGE OF TRAVELLED WAY



M.M. 109.200 NB
LT POST LENGTH 14'-0"
RT POST LENGTH 12'-6"



M.M. 107.240 NB
LT POST LENGTH 11'-6"
RT POST LENGTH 11'-6"



M.M. 106.110 NB
LT POST LENGTH 23'-0"
MID POST LENGTH 25'-0"
RT POST LENGTH 27'-0"

SCALE 1" = 10'-0"
10 0 10

NOTES:

1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

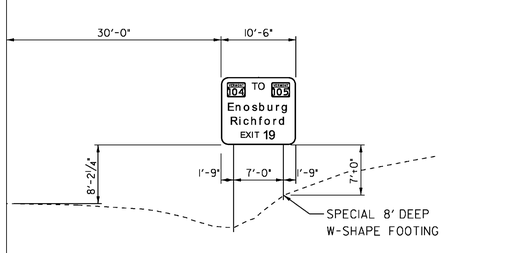
NORTHBOUND CROSS SECTIONS 2

COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS2.i

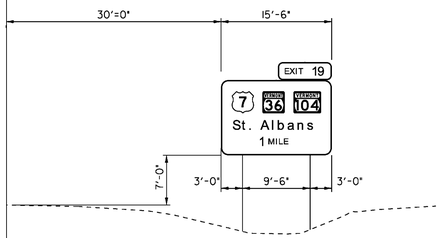
PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 51 OF 221

EDGE OF TRAVELLED WAY

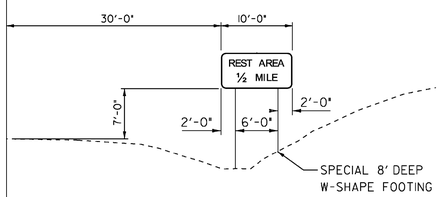


INSTALLED

M.M. 112.640 NB
LT POST LENGTH 21'-0"
RT POST LENGTH 16'-6"



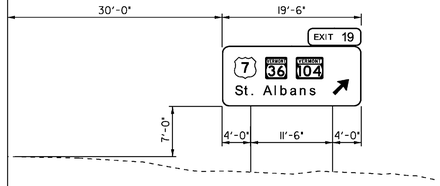
M.M. 112.450 NB
LT POST LENGTH 21'-6"
RT POST LENGTH 21'-6"



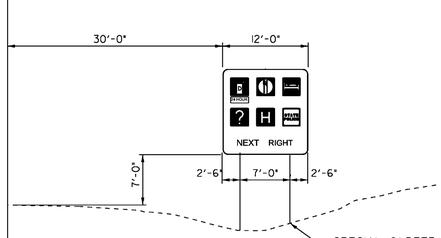
INSTALLED

M.M. 109.700 NB
LT POST LENGTH 16'-5"
RT POST LENGTH 14'-0"

EDGE OF TRAVELLED WAY

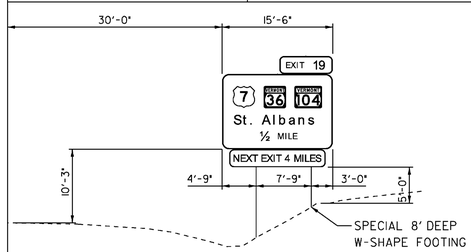


M.M. 113.410 NB
LT POST LENGTH 18'-0"
RT POST LENGTH 18'-0"



INSTALLED

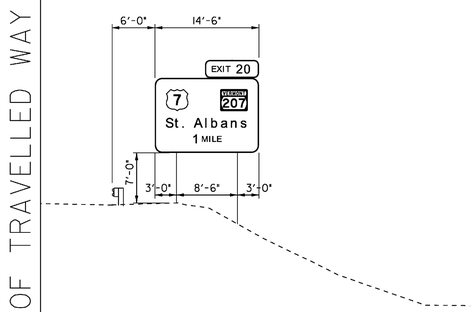
M.M. 113.210 NB
LT POST LENGTH 23'-0"
RT POST LENGTH 22'-0"



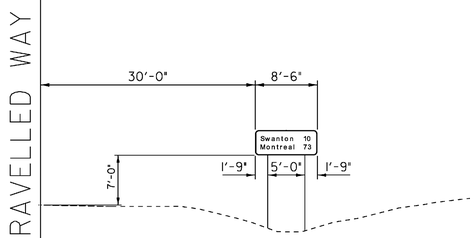
INSTALLED

M.M. 113.050 NB
LT POST LENGTH 23'-0"
RT POST LENGTH 19'-0"

EDGE OF TRAVELLED WAY



M.M. 116.510 NB
LT POST LENGTH 18'-0"
RT POST LENGTH 20'-6"



M.M. 114.370 NB
LT POST LENGTH 14'-0"
RT POST LENGTH 14'-6"

SCALE 1" = 10'-0"
10 0 10

NOTES:

1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

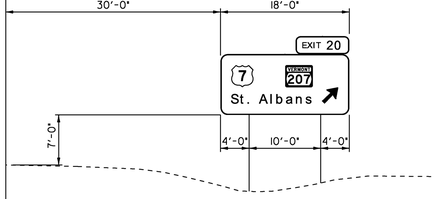
NORTHBOUND CROSS SECTIONS 3

COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

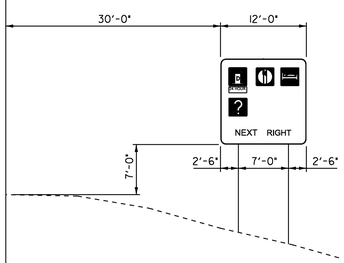
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS3.1

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 52 OF 221

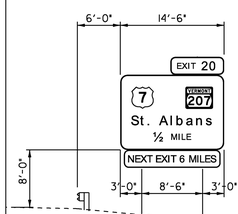
EDGE OF TRAVELLED WAY



M.M. 117.360 NB
LT POST LENGTH 19'-6"
RT POST LENGTH 18'-6"

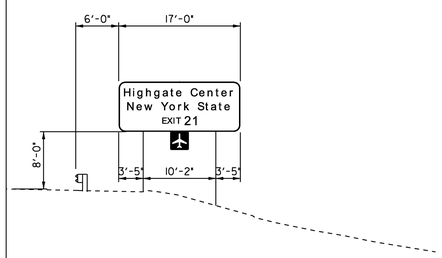


M.M. 117.16 NB
LT POST LENGTH 25'-6"
RT POST LENGTH 26'-0"

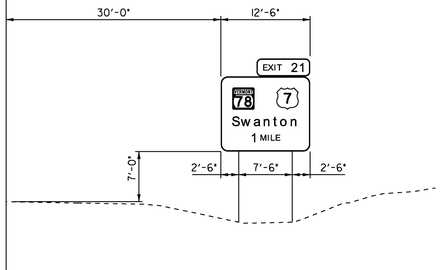


M.M. 116.950 NB
LT POST LENGTH 20'-0"
RT POST LENGTH 22'-6"

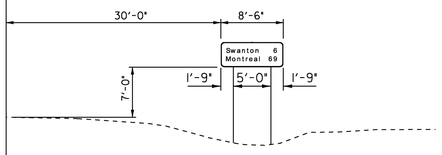
EDGE OF TRAVELLED WAY



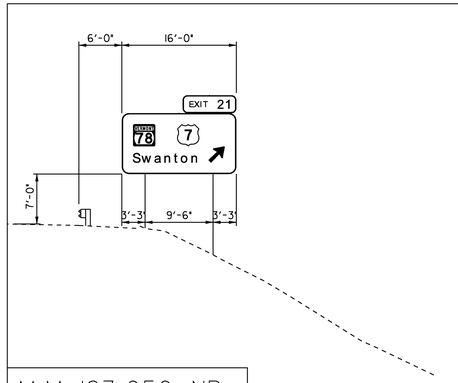
M.M. 122.380 NB
LT POST LENGTH 15'-6"
RT POST LENGTH 17'-6"



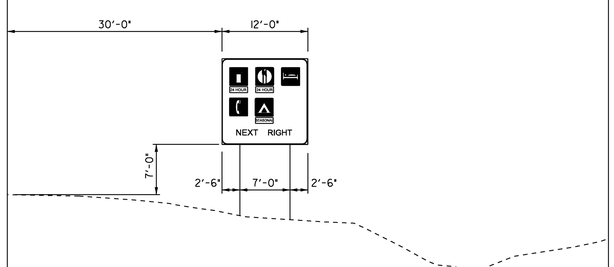
M.M. 122.280 NB
LT POST LENGTH 20'-6"
RT POST LENGTH 20'-6"



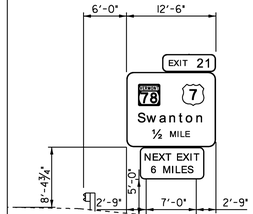
M.M. 118.380 NB
LT POST LENGTH 14'-6"
RT POST LENGTH 14'-6"



M.M. 123.050 NB
LT POST LENGTH 16'-6"
RT POST LENGTH 20'-0"



M.M. 122.845 NB
LT POST LENGTH 22'-6"
RT POST LENGTH 23'-6"



M.M. 122.700 NB
LT POST LENGTH 20'-6"
RT POST LENGTH 22'-6"

SCALE 1" = 10'-0"
10 0 10

NOTES:

1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

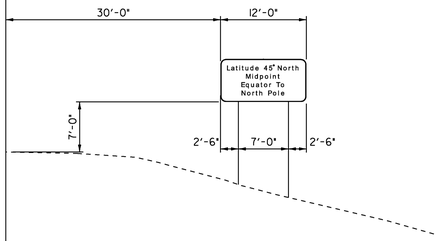
NORTHBOUND CROSS SECTIONS 4

COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS4.i

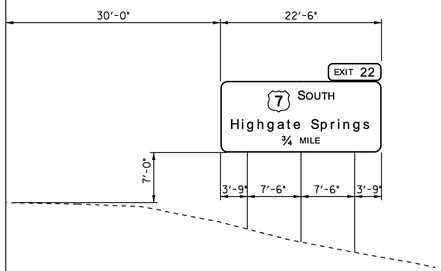
PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 53 OF 221

EDGE OF TRAVELLED WAY



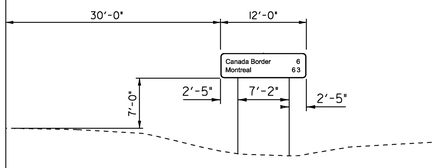
M.M. 129.180 NB
LT POST LENGTH 18'-0"
RT POST LENGTH 19'-6"

EDGE OF TRAVELLED WAY



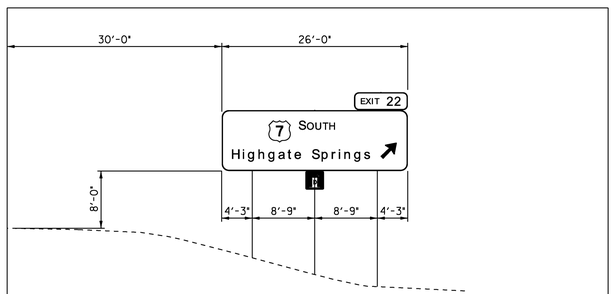
M.M. 128.980 NB
LT POST LENGTH 21'-0"
MID POST LENGTH 23'-0"
RT POST LENGTH 24'-6"

EDGE OF TRAVELLED WAY



M.M. 124.420 NB
LT POST LENGTH 14'-6"
RT POST LENGTH 14'-6"

EDGE OF TRAVELLED WAY



M.M. 129.580 NB
LT POST LENGTH 21'-0"
MID POST LENGTH 23'-0"
RT POST LENGTH 25'-0"

SCALE 1" = 10'-0"
10 0 10

NOTES:

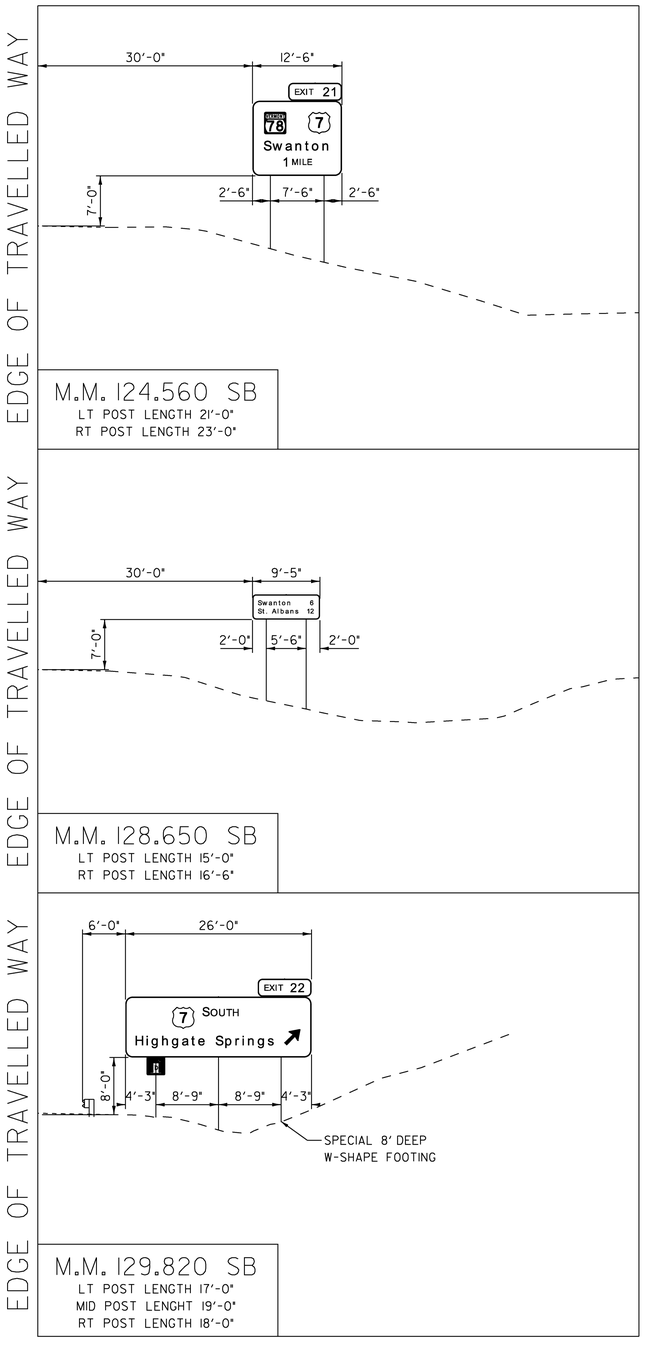
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

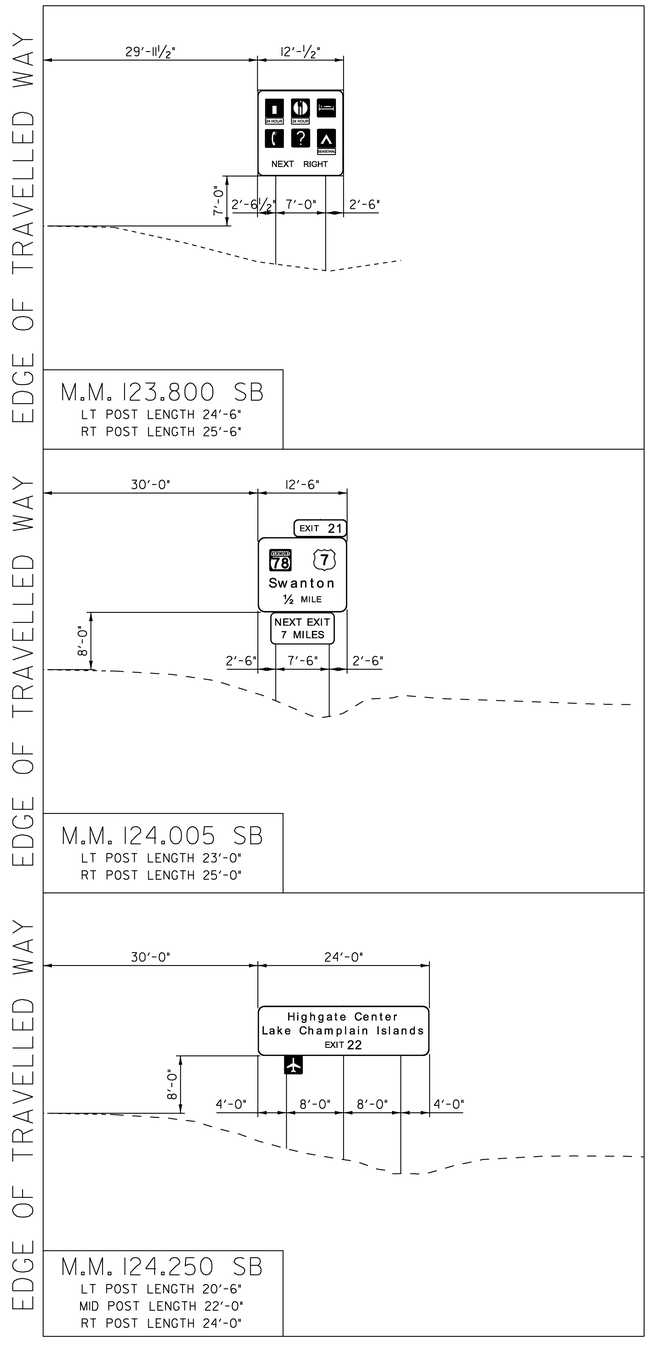
NORTHBOUND CROSS SECTIONS 5

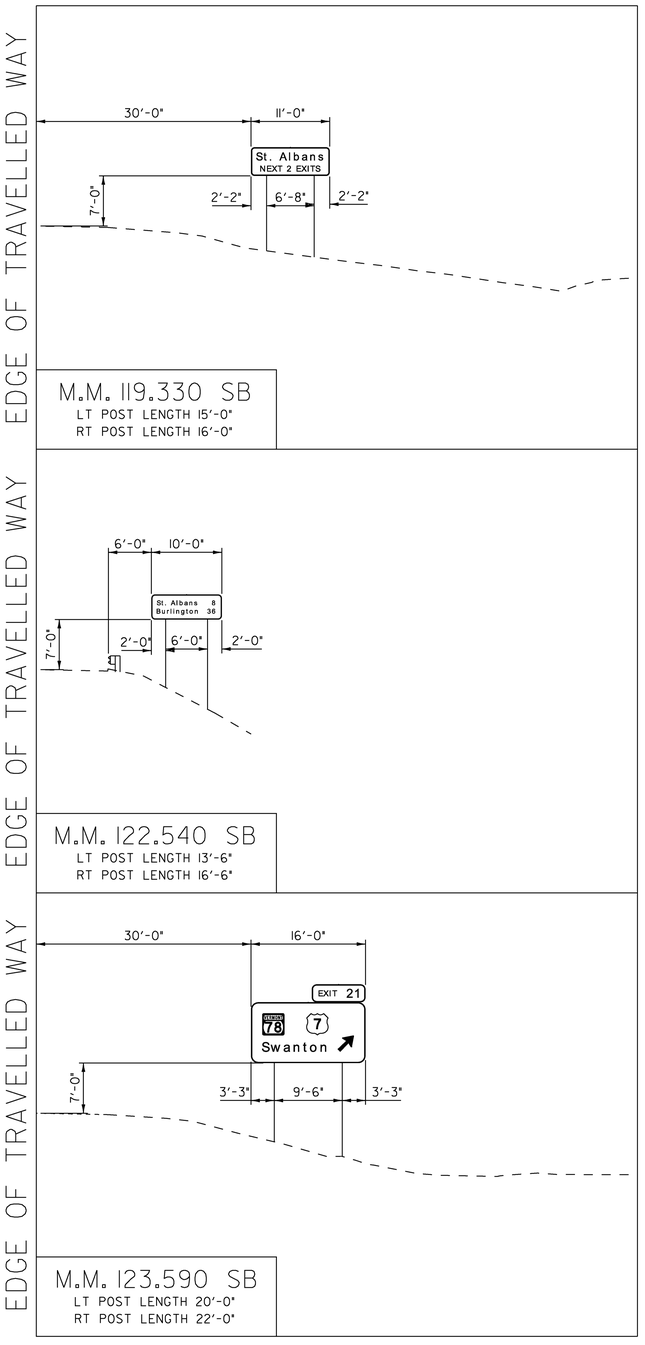
COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS5.i

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 54 OF 221







SCALE 1" = 10'-0"
10 0 10

NOTES:

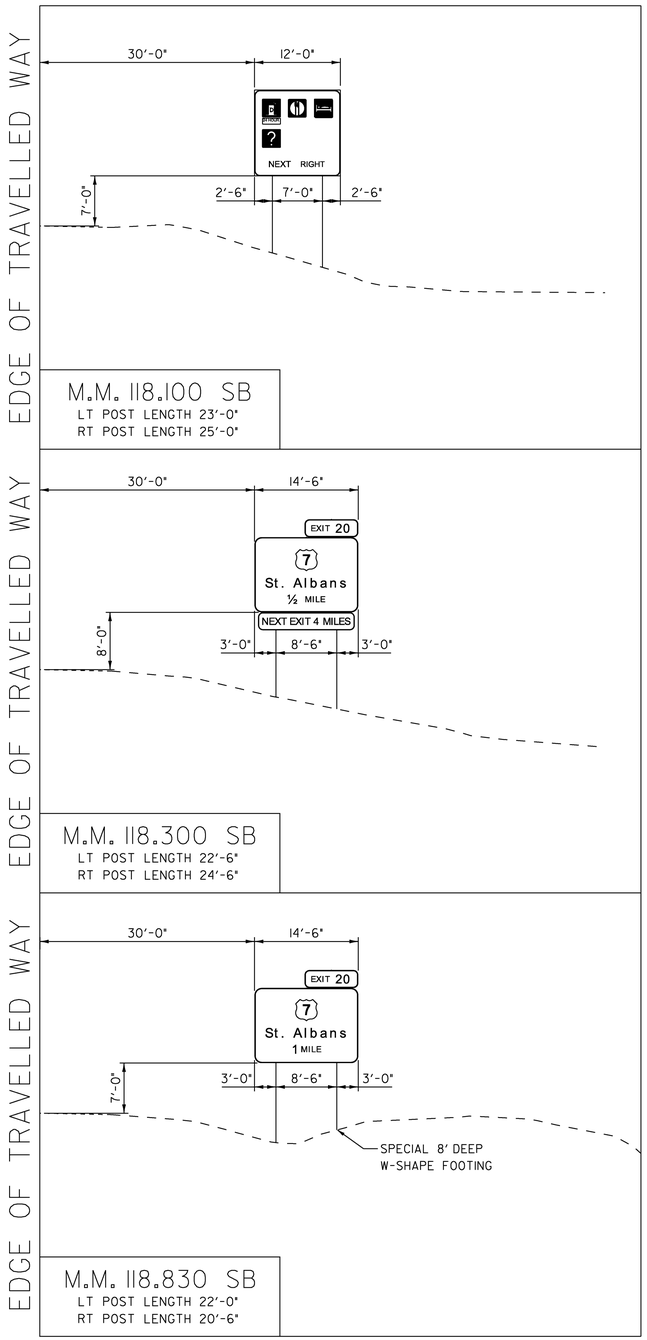
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

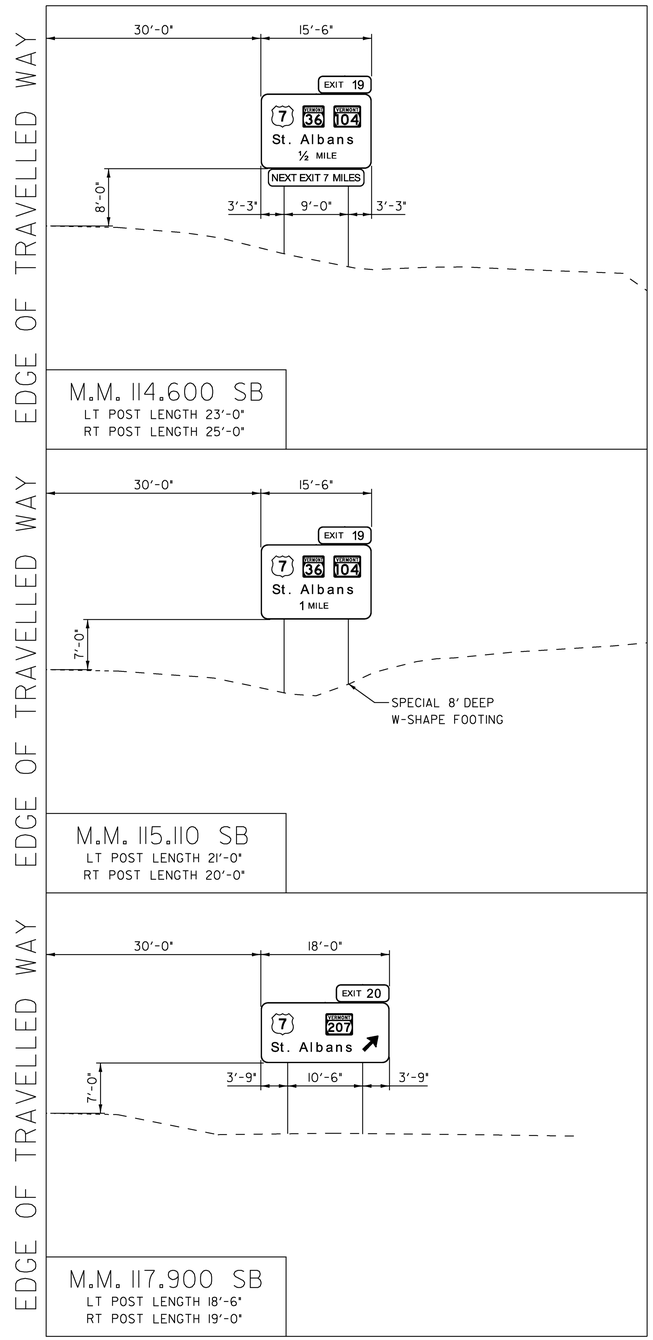
SOUTHBOUND CROSS SECTIONS 1

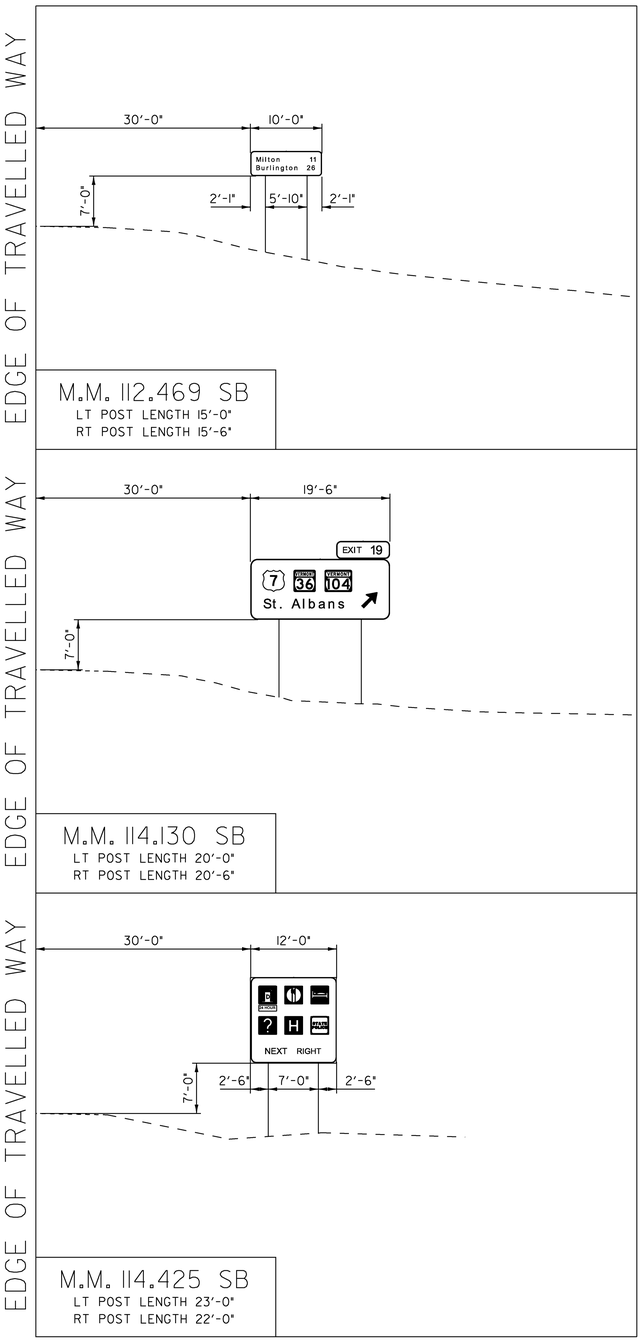
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS6.1

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 55 OF 221







SCALE 1" = 10'-0"
10 0 10

NOTES:

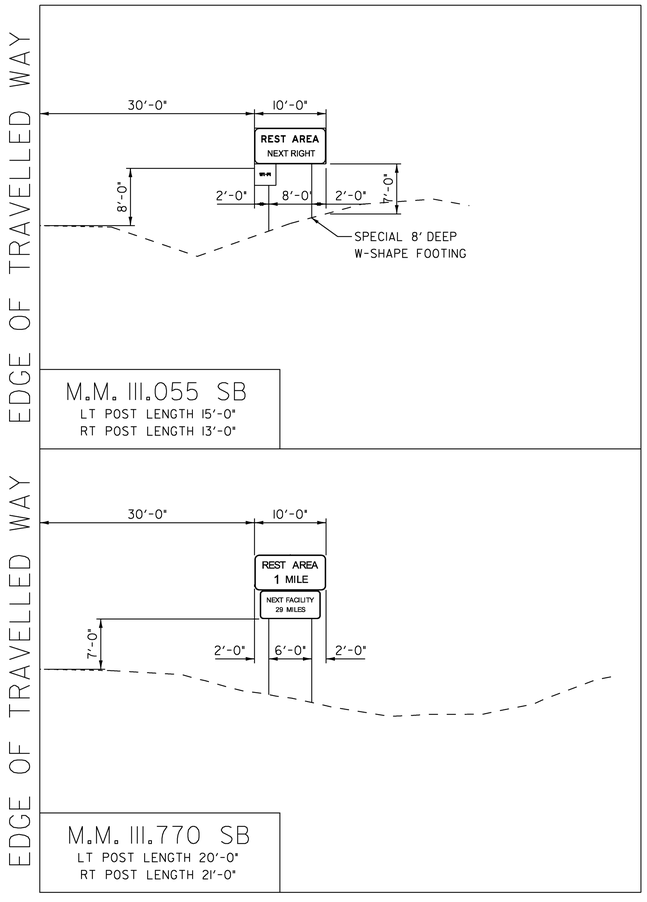
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

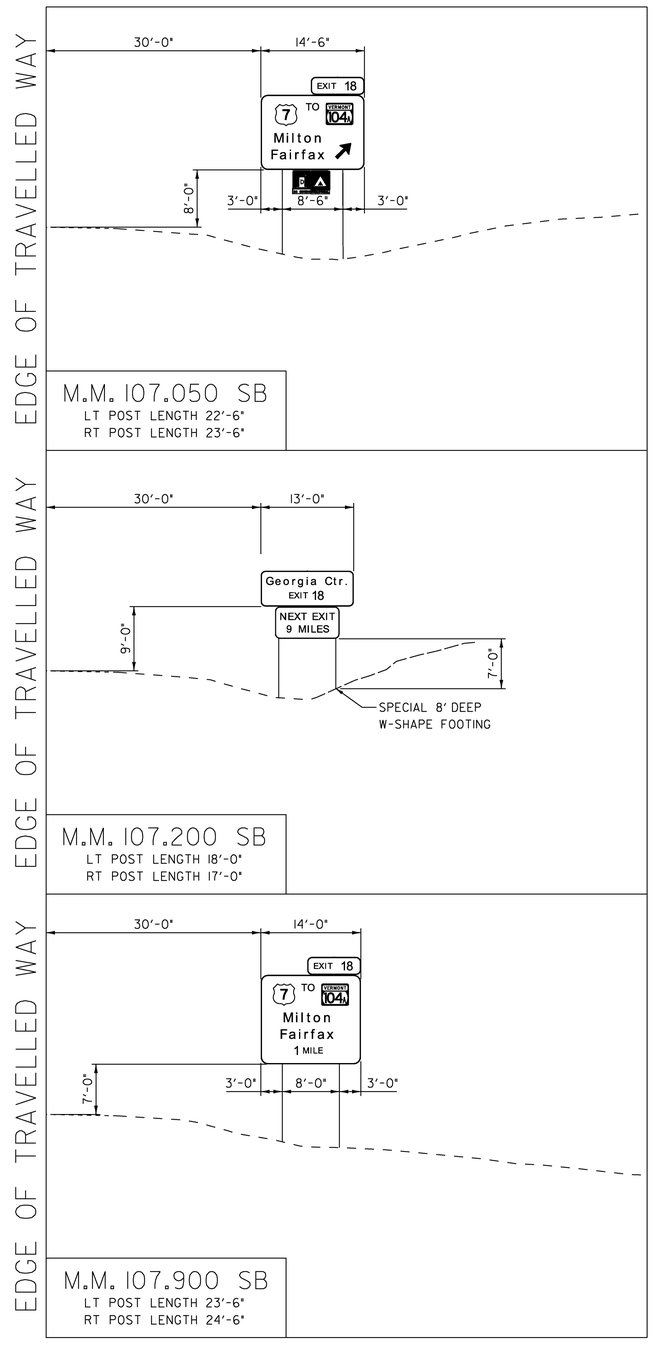
SOUTHBOUND CROSS SECTIONS 2

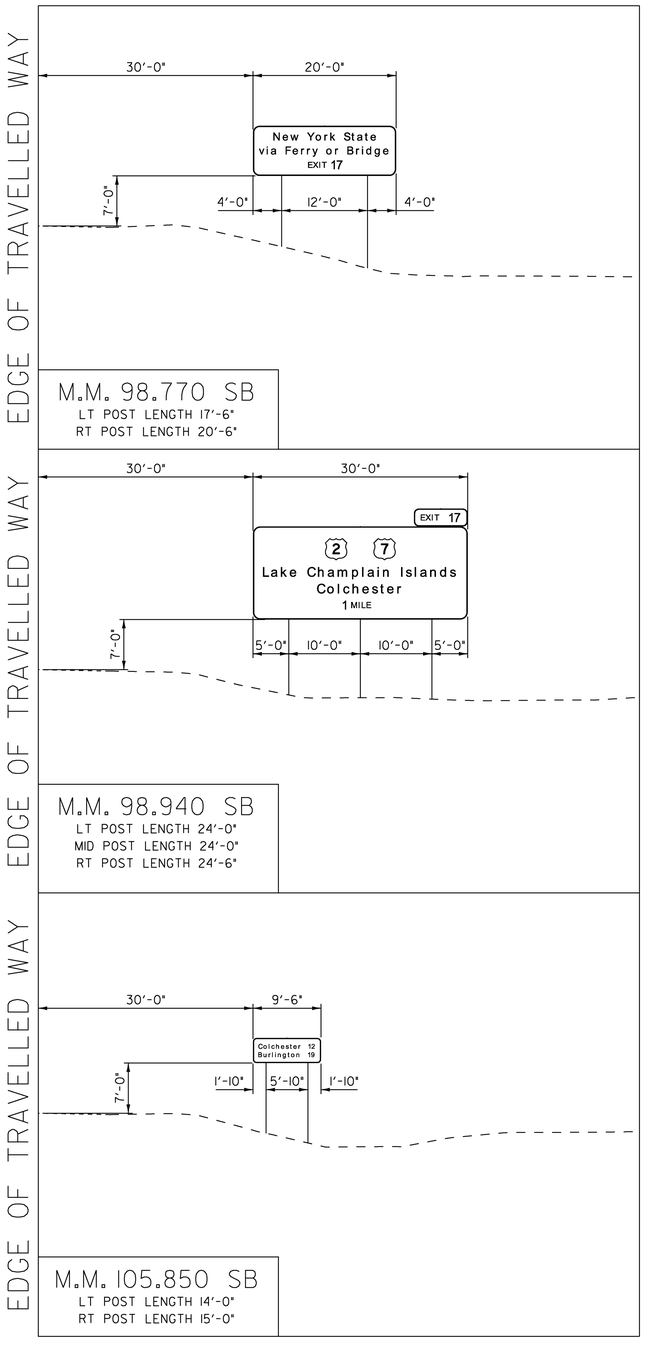
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS7.I

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 56 OF 221







SCALE 1" = 10'-0"
10 0 10

NOTES:

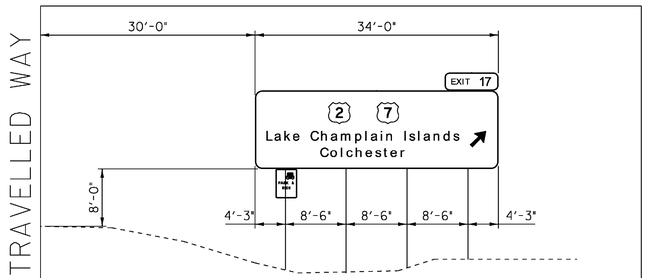
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

SOUTHBOUND CROSS SECTIONS 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

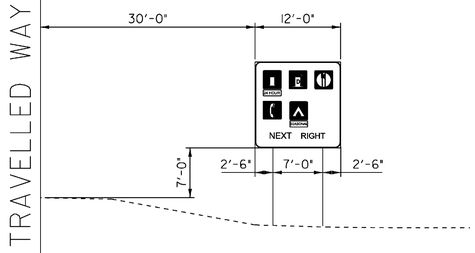
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS8.I

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 57 OF 221



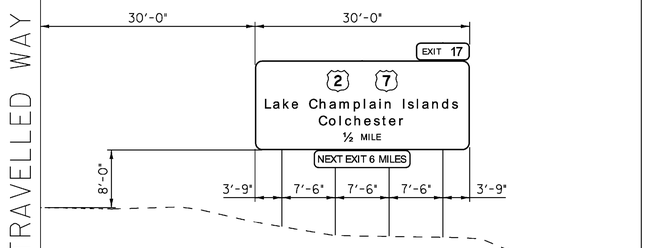
M.M. 98.140 SB
LT POST LENGTH 25'-6"
LT MID POST 25'-6"
RT MID POST 25'-0"
RT POST LENGTH 24'-0"

EDGE OF TRAVELLED WAY



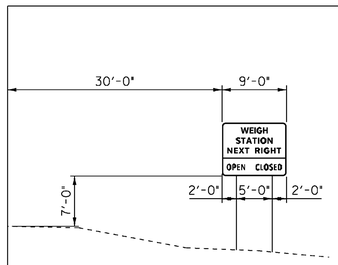
M.M. 98.290 SB
LT POST LENGTH 23'-6"
RT POST LENGTH 23'-6"

EDGE OF TRAVELLED WAY



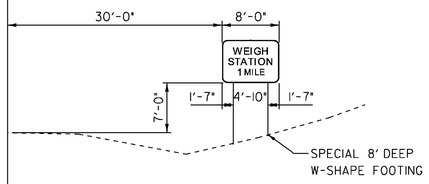
M.M. 98.440 SB
LT POST LENGTH 23'-6"
LT MID POST LENGTH 25'-0"
RT MID POST LENGTH 25'-0"
RT POST LENGTH 25'-0"

EDGE OF TRAVELLED WAY



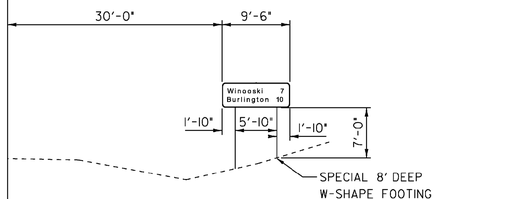
M.M. 96.460 SB
LT POST LENGTH 18'-0"
RT POST LENGTH 18'-6"

EDGE OF TRAVELLED WAY



M.M. 96.600 SB
LT POST LENGTH 15'-0"
RT POST LENGTH 13'-6"

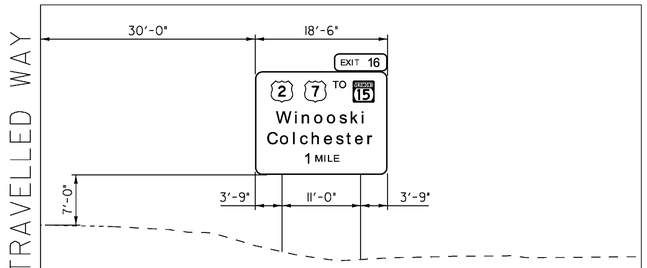
EDGE OF TRAVELLED WAY



INSTALLED

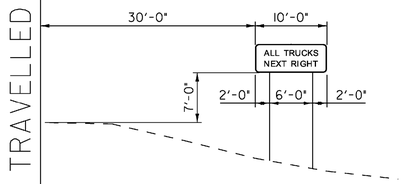
M.M. 96.980 SB
LT POST LENGTH 12'-6"
RT POST LENGTH 11'-0"

EDGE OF TRAVELLED WAY



M.M. 92.900 SB
LT POST LENGTH 25'-6"
RT POST LENGTH 27'-0"

EDGE OF TRAVELLED WAY



M.M. 95.700 SB
LT POST LENGTH 16'-6"
RT POST LENGTH 17'-6"

SCALE 1" = 10'-0"
10 0 10

NOTES:

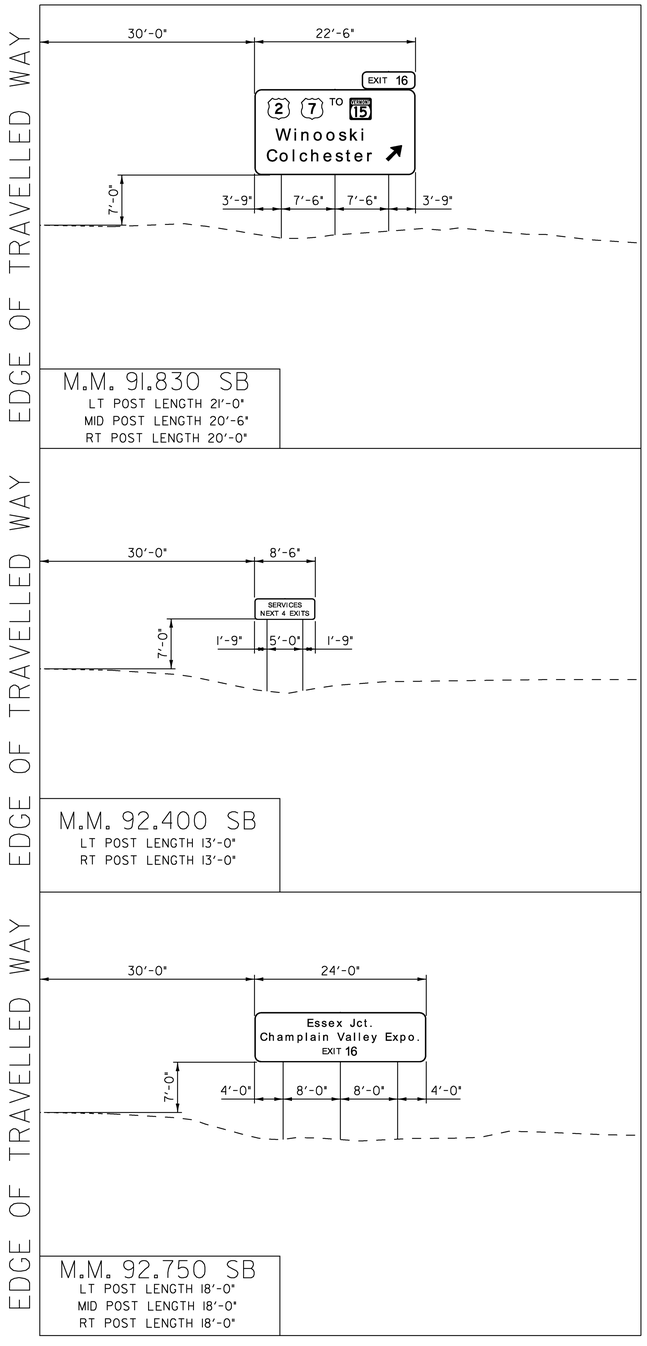
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

SOUTHBOUND CROSS SECTIONS 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS9.1

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 58 OF 221



SCALE 1" = 10'-0"
10 0 10

NOTES:

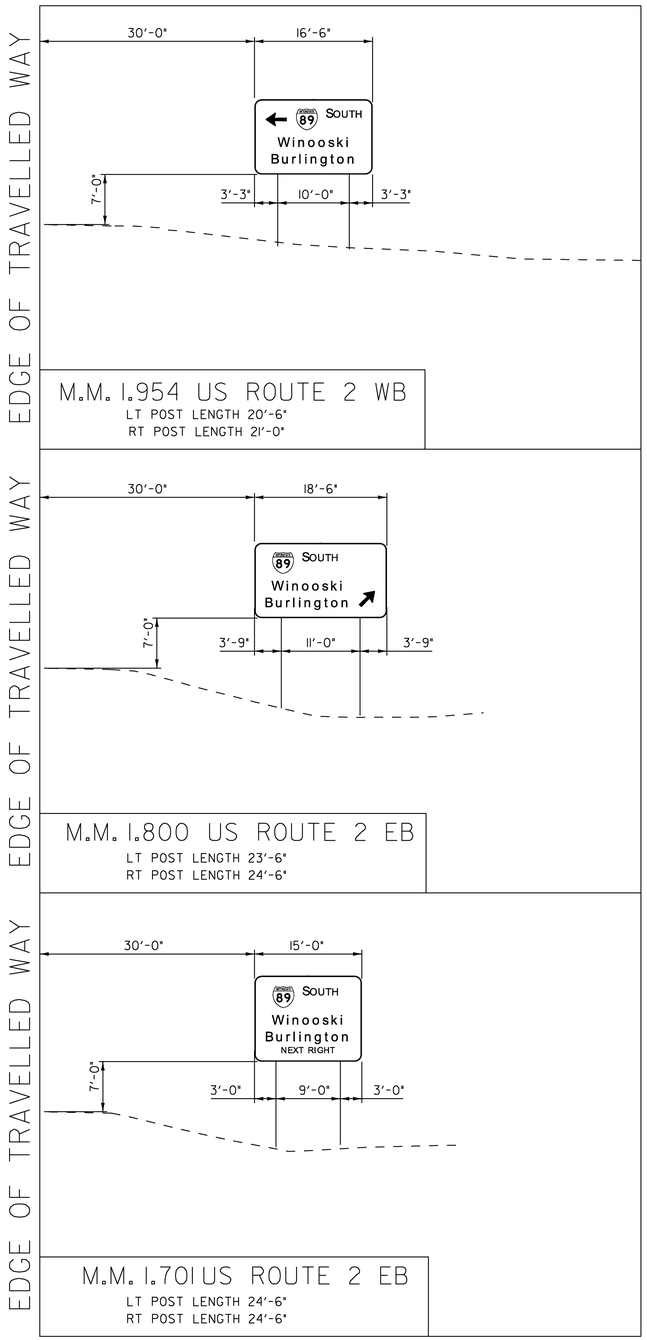
1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

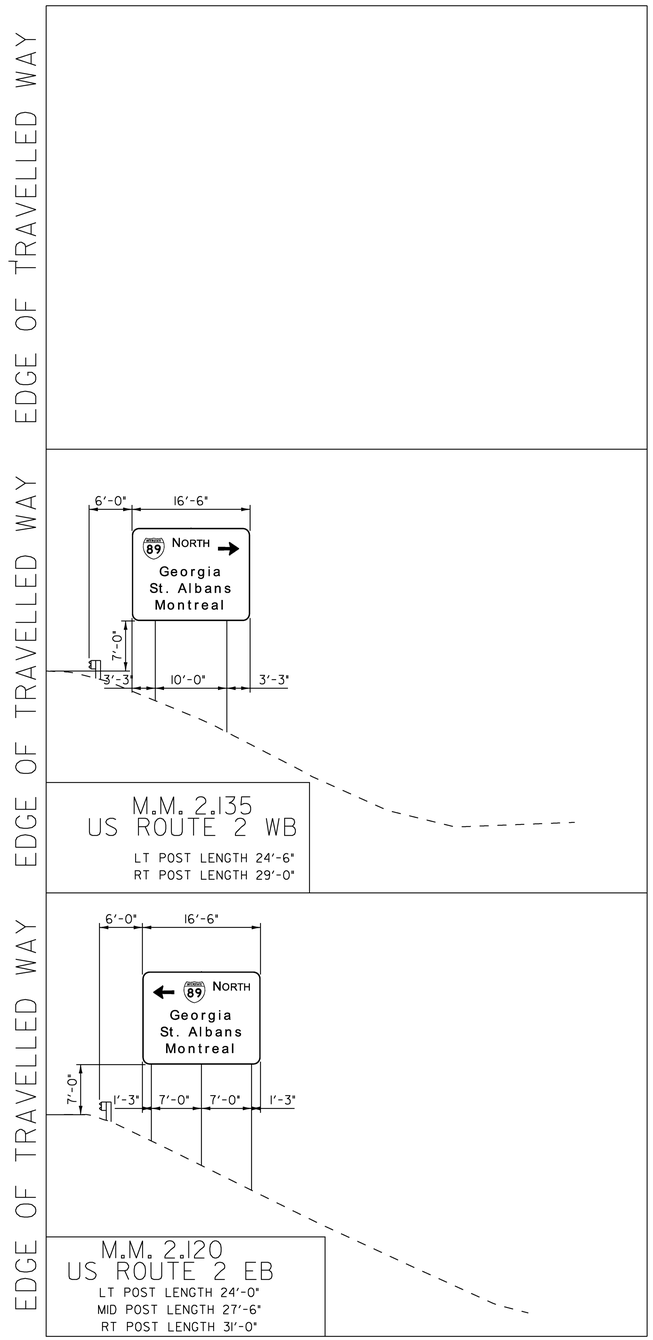
SOUTHBOUND CROSS SECTIONS 5

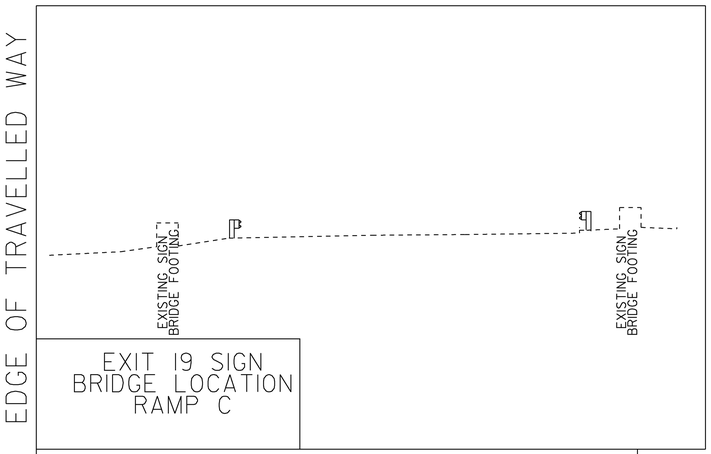
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS10.I

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 59 OF 221







SCALE 1" = 10'-0"
10 0 10

NOTES:

1. TYPICAL FOOTING BASE DEPTH IS PER STANDARD E-161, UNLESS SPECIFIED WITH THE NOTE: "SPECIAL 8' DEEP W-SHAPE FOOTING".
2. THE SPECIAL W-SHAPE FOOTING DETAIL IS LOCATED ON THE INDEX OF SHEETS & GENERAL NOTES, SHEET 2.

US ROUTE 2 AND INTERCHANGE 19 RAMP C CROSS SECTIONS

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: JDG
PLOT FILE: 09A016CS10.i

PLOT DATE: 8/21/2009
DRAWN BY: JDG
CHECKED BY: EPD
SHEET 60 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 90.887 RT	SPEED LIMIT 55 / MINIMUM 40	1 1	48 48	60 48	20.00 16.00						2												2		X									R2-1 VR-141 MOUNT R2-1 ABOVE VR-141		SHS E-142
NORTHBOUND MM 91.025 RT	Malletts Bay Albany College of Pharmacy and Health Sciences EXIT 16	1	210	144		210.00	R				2																		2	1560	W12X30			E3-1 FUSE PLATE BOLT TENSION = 28.4 KIPS	26	
NORTHBOUND MM 91.290 RT	EXIT 16	1	96	30	20.00						2																		3		1900	W10x26		E1-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	26	
	2 7 Winooski Colchester ↗	1	270	150		281.25	R																											E1-1	26	
NORTHBOUND MM 91.486 RT	BRIDGE 74N I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 91.487 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																OM-3L OM-3R		SHS SHS
NORTHBOUND MM 91.590 RT		1	48	48	16.00						2						X	X																W4-1R		SHS
NORTHBOUND MM 91.700 LT	ONE WAY	1	36	12	3.00						2					X		X																R6-1R		SHS
NORTHBOUND MM 91.890 RT	EMERGENCY STOPPING ONLY	1	48	36	12.00						2						X	X																R8-7		SHS
NORTHBOUND MM 91.965 RT	NORTH / INTERSTATE 89	1 1	30 36	15 36	3.12 9.00						2						X	X																M3-1 WHITE ON BLUE MOUNT M3-1 ABOVE M1-1 M1-1		SHS SHS
							2					FT	FT	FT	FT 8	FT 60	FT 90		EA	LB	LB	LB		LB	LB 270	LB	LB								
					SF 105.54	SF 491.25	EA.	SF				FT			FT 158					LB			EA. 2	LB 270				EA. 3	EA. 2	LB. 3460					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBI.T
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 62 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 92.000 RT	MILE 92	1	12	36	3.00						1					X		X																DIO-2		SHS
NORTHBOUND MM 92.060 RT	GROOVED SHOULDER	1 1	48 24	48 18	16.00 3.00						2						X	X															VW-397 VP-396 MOUNT VW-397 ABOVE VP-396	46	E-153B
NORTHBOUND MM 92.155 RT	SPEED LIMIT 65 MINIMUM 40	1 1	48 48	60 48	20.00 16.00						2												2		X								R2-1 VR-141 MOUNT R2-1 ABOVE VR-141		SHS E-142
NORTHBOUND MM 92.470 RT	Lake Champlain Islands 12 St. Albans 24	1	204	42		59.50	R				2																	2		210	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	27	
NORTHBOUND MM 92.720 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4												4	X									VR-132	47	
NORTHBOUND MM 92.950 RT	BRIDGE 74-1 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 93.000 RT	MILE 93	1	12	36	3.00						1					X		X															DIO-2		SHS
NORTHBOUND MM 93.422 RT	BRIDGE 74-2 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 93.447 RT	BRIDGE 75 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 93.623 RT	BRIDGE 75-1N I-89	1	6	10	0.42						1				X			X															VD-701		E-134
												FT	FT	FT	FT 32	FT 19.5	FT 30		EA	LB	LB	LB		LB 456	LB 270	LB	LB								
					SF 102.68	SF 59.50	EA. 1	SF				FT			FT 81.50					LB			EA. 6		LB 726			EA. 2	EA.	LB. 210					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB2.I
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 63 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND MM 94.000 RT	MILE 94	1	12	36	3.00						1					X		X															DIO-2		SHS
NORTHBOUND MM 94.300 RT	WEIGH STATION 1 MILE	1	96	72		48.00	R				2																	2		290	W6X9		D8-1 FUSE PLATE BOLT TENSION = 12.0 KIPS		SHS
NORTHBOUND MM 94.690 RT	WEIGH STATION NEXT RIGHT OPEN CLOSED	1	108	90		67.50	R				2																	2		420	W6X12		D8-2 WITH HINGED PANEL FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	41	
NORTHBOUND MM 95.000 RT	MILE 95	1	12	36	3.00						1					X		X															DIO-2		SHS
NORTHBOUND MM 95.183 RT	BRIDGE 75-3 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 95.200 LT		1	36	36	9.00						2					X		X															R3-4		SHS
NORTHBOUND MM 95.250 RT	ALL TRUCKS NEXT RIGHT	1	120	48		40.00	R				2																	2		290	W6X9		VR-178R FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	40	
NORTHBOUND MM 95.301 RT	BRIDGE 76N I-89	1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 95.302 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3L OM-3R		SHS SHS
							3					FT	FT	FT	FT 16	FT 79.50	FT		EA	LB	LB	LB		LB	LB	LB	LB							
					SF 21.84	SF 155.50	EA.	SF				FT			FT 95.50					LB			EA.	LB				EA. 6	EA.	LB. 1000					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

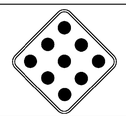
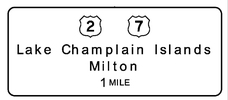
NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB3.T
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 64 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 95.430 LT		1	54	18	6.75						2					X		X																R6-IR		SHS
NORTHBOUND MM 95.438 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
NORTHBOUND MM 95.441 RT		1	84	78		45.5	R																2		X								D8-3		SHS
NORTHBOUND MM 95.460 RT		1	48	48	16.00																												W4-IR RETAIN EXISTING POSTS AND BEACONS		SHS
NORTHBOUND MM 95.575 LT		1	36	12	3.00						2					X		X																R6-IR		SHS
NORTHBOUND MM 96.000 RT		1	12	36	3.00						1					X		X																DIO-2		SHS
NORTHBOUND MM 96.549 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 96.550 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																OM-3L OM-3R		SHS SHS
NORTHBOUND MM 96.640 RT	EXIT 17	1	96	30	20.00						4																			4		2600	W10X26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	27	
		1	360	150		375.00	R R																											EI-2	27	
					SF 57.42	SF 420.50	EA. 3	SF				FT	FT	FT	FT 8	FT 114.75	FT 122.75		EA	LB	LB	LB	EA. 2	LB	LB 270	LB	LB	EA. 4	EA.	LB. 2600					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB4.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 65 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND MM 96.775 RT	BRIDGE 78 I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 97.000 RT	MILE 9 7	1	12	36	3.00						1					X		X																D10-2		SHS
NORTHBOUND MM 97.240 RT	New York State via Ferry or Bridge EXIT 17	1	240	84	97.38	140.00	R				3 (2)																		3		590	W6x12		E3-1 FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE. NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	28	
NORTHBOUND MM 97.480 RT	EXIT 17 A	1	96	30	20.00						4																			4	2990	W12x30		E1-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	28	
	(2) (7) Lake Champlain Islands Milton ½ MILE B	1	360	150		375.00	R																											E1-2	28	
	NEXT EXIT 9 MILES C	1	162	30		33.75	R																											E2-1	40	
NORTHBOUND MM 97.530 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 97.570 RT	MOOSE / NEXT 1 MILE	1 1	48 24	48 18	16.00 3.00						2						X	X																VW-001 W7-3A MOUNT VW-001 ABOVE W7-3A	46	 SHS
NORTHBOUND MM 97.630 RT	24 HOUR / SEASONAL / NEXT RIGHT	1	144	144		144.00	O				2																		2		740	W6x15		D9-18 (MODIFIED) D9-7, D9-20A D9-11 D9-8 D9-1 D9-3, VD-543A FUSE PLATE BOLT TENSION = 23.4 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	 SHS, SHS SHS SHS SHS SHS, E-132
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".							3					FT	FT	FT	FT 8	FT 39.75	FT 30		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 51.42	SF 692.75	EA.	SF				FT			FT 77.75					LB			EA.	LB				EA. 5	EA. 4	LB. 4320					

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB5.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 66 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAMES REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 97.800 RT	EXIT 17	A 1	96	30	20.00						4																				5	4125	W12X30		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS NEW SIGN LOCATION, MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	28	
	2 7 Lake Champlain Islands Milton	B 1	408	132		374.00	0																												EI-1	28	
	PARK & RIDE	1	36	42	10.50																														D4-2 (MODIFIED)	47	
NORTHBOUND MM 97.920 RT	B B EXIT 30 M.P.H. / WRONG WAY	1 1	36 42	48 30	12.00 8.75						2						X																		WI3-2 R5-IA		SHS SHS
NORTHBOUND MM 97.945 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
NORTHBOUND MM 97.980 RT	EXIT 17	1	72	60		30.00	R				2													2	X									E5-IA	40	SHS
NORTHBOUND MM 98.115 RT	ONE WAY	1	36	12	3.00						2					X		X																	R6-IR		SHS
NORTHBOUND MM 99.002 RT	Georgia Ctr. 10 St. Albans 17	1	120	42		35.00	R				2																			2		240	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	29	
NORTHBOUND MM 99.252 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4													4	X									VR-132	47	
NORTHBOUND MM 101.600 RT	BRIDGE 81N I-89	1	6	10	0.42						1				X			X																	VD-701		E-134
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".							3					FT	FT	FT	FT 8	FT 45	FT 30		EA	LB	LB	LB		LB 684	LB	LB	LB								
					SF 96.92	SF 439.00	EA.	SF				FT			FT 83					LB			EA. 6		LB 684			EA. 2	EA. 5	LB. 4365					

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 6

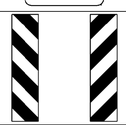
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB6.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 67 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REFRAMED RECOUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 101.601 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																		OM-3L OM-3R		SHS SHS
NORTHBOUND MM 102.250 RT		1	48	48	16.00						2						X	X																	VW-285	46	
NORTHBOUND MM 103.536 RT		1	6	10	0.42						1				X			X																	VD-701		E-134
NORTHBOUND MM 104.695 RT		1	6	10	0.42						1				X			X																	VD-701		E-134
NORTHBOUND MM 105.230 RT		1	96	30	20.00						2																				2		1290	W10x26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	29	
		1	204	156		221.00	R R																												EI-2	29	
NORTHBOUND MM 105.369 RT		1	6	10	0.42						1				X			X																	VD-701		E-134
NORTHBOUND MM 105.620 RT		1	6	10	0.42						1				X			X																	VD-701		E-134
NORTHBOUND MM 105.625 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																	OM-3L OM-3R		SHS SHS
					SF 49.68	SF 221.00	EA. 2	SF				FT	FT	FT	FT 32	FT 60	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA. 2	EA.	LB. 1290						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND *SIGN POST DESIGN GUIDELINE*.

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB7.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 68 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 105.780 RT	EXIT 18	1	96	30	20.00						2																	2		1290	W10x26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	30	
	7 VERMONT 104N Georgia Ctr. Fairfax ½ MILE	1	204	150		212.50	0																											EI-2	30	
	NEXT EXIT 7 MILES	1	162	30		33.75	0																											E2-1A	40	
NORTHBOUND MM 106.110 RT	EXIT 18 105.97	1	96	30	20.00						3																	3		1575	W8X21		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	30	
	7 VERMONT 104N Georgia Ctr.	1	246	132		225.5	R																											EI-1	30	
	D 24 HOURS; SEASONAL	1 1 1 1	30 30 30 30	30 8 30 8	6.25 1.67 6.25 1.67																													D9-11 D9-20A D9-3 VD-543A		SHS SHS SHS E-132
NORTHBOUND MM 106.25 LT		1	36	36	9.00						2						X		X															R3-4		SHS
NORTHBOUND MM 106.265 RT	B B EXIT 30 M.P.H. WRONG WAY	1 1	36 42	48 30	12.00 8.75						2							X	X															WI3-2 R5-1A		SHS SHS
NORTHBOUND MM 106.338 RT		1	18	18	2.25						1						X		X															OMI-1		SHS
NORTHBOUND MM 106.341 RT	EXIT 18	1	72	60		30.00	R				2																	2	X					E5-1A	40	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".							2					FT	FT	FT	FT	FT 45	FT 30		EA	LB	LB	LB		LB 228	LB	LB	LB								
					SF 87.84	SF 501.75	EA.	SF				FT			FT 75					LB			EA. 2	LB 228				EA. 5	EA.	LB. 2865					

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB8.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 69 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND MM 106.40 RT		1	48	48	16.00						2						X	X																W4-IR		SHS
NORTHBOUND MM 106.440 LT		1	36	12	3.00						2					X		X																R6-IR		SHS
NORTHBOUND MM 106.490 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 106.650 RT		1	48	36	12.00						2						X	X																R8-7		SHS
NORTHBOUND MM 106.710 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 106.750 RT		1 1	30 36	15 36	3.12 9.00						2						X	X																M3-1 WHITE ON BLUE MOUNT M3-1 ABOVE MI-1 MI-1		SHS SHS
NORTHBOUND MM 106.865 RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	 E-153B
NORTHBOUND MM 107.000 RT		1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 107.001 RT		1 1	48 48	60 48	20.00 16.00						2													2	X									R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
NORTHBOUND MM 107.110 RT		1	6	10	0.42						1				X			X																VD-701		E-134
					SF	SF	EA.	SF				FT	FT	FT	FT 24	FT 39.75	FT 120		EA	LB	LB	LB		LB 228	LB	LB	LB								
					103.38							FT			FT 183.75					LB			EA. 2		LB 228			EA.	EA.	LB.					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB9.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 70 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 107.200 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
NORTHBOUND MM 107.200 RT		1	48	48	16.00						2						X	X																	W8-13		SHS
NORTHBOUND MM 107.240 RT		1	114	42		33.25					2																		2		210	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	31	
NORTHBOUND MM 107.240 RT																																		W5-2 REMOVE SIGN		SHS
NORTHBOUND MM 107.300 LT & RT		1	48	48	32.00						4						X	X																	VW-285	46	
NORTHBOUND MM 107.350 RT		1	6	10	0.42						1				X			X																	VD-701		E-134
NORTHBOUND MM 107.350 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																	OM-3L OM-3R		SHS SHS
NORTHBOUND MM 107.500 LT & RT		2	48	60	40.00						4												4	X											VR-132	47	
NORTHBOUND MM 107.580 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
NORTHBOUND MM 107.900 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
					SF 121.42	SF 33.25	EA.	SF				FT	FT	FT	FT 8	FT 120	FT 90		EA	LB	LB	LB	EA. 4	LB 456	LB	LB	LB	EA. 2	EA.	LB. 210					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB10.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 71 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
											OPTION ITEMS																										
NORTHBOUND MM 108.000 RT	MILE 108	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 108.880 RT	511 TRAVEL INFO	1	48	48	16.00						2						X	X																VD-123	41	
NORTHBOUND MM 108.990 RT	BRIDGE 86-2N I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 109.000 RT	MILE 109	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 109.200 RT	REST AREA 1 MILE	1	120	60		50.00	R				2																			2		240	W6X9		D5-1A FUSE PLATE BOLT TENSION = 12.0 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.		SHS
	WI-FI	1	36	36			X																											VD-102 RETAIN AND REUSE EXISTING SIGN		
NORTHBOUND MM 109.211 RT	BRIDGE 86-3N I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 109.700 RT	REST AREA 1/2 MILE	1	120	60		50.00	R				2																			2		280	W6X9		D5-1A FUSE PLATE BOLT TENSION = 12.0 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.		SHS
NORTHBOUND MM 110.000 RT	MILE 110	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 110.237 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
							2					FT	FT	FT	FT 16	FT 44.25	FT 30		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 31.09	SF 100.00	EA. 1	SF				FT			FT 90.25					LB			EA.	LB				EA. 4	EA.	LB. 520						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 11

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB11.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 72 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL				SIGN FRAME REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
																											FTG. SIZE		WEIGHT	POST SIZE				
																													24"	30"					
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6							
											OPTION ITEMS																							
NORTHBOUND MM 110.240 RT	REST AREA ↗	1	78	78		42.25	R				2												2		X							D5-2B		SHS
NORTHBOUND MM 110.370 RT	↑	1	48	48	16.00						2						X	X														W4-1R		SHS
NORTHBOUND MM 110.371 RT	BRIDGE 86-4N I-89	1	6	10	0.42						1				X			X														VD-701		E-134
NORTHBOUND MM 110.435 LT	ONE WAY →	1	36	12	3.00						2					X		X														R6-1R		SHS
NORTHBOUND MM 110.830 RT	ENTERING TOWN OF FAIRFAX	1	42	30	8.75						2					X		X														I-2		E-131
NORTHBOUND MM 111.000 RT	MILE 111	1	12	48	4.00						1					X		X														D10-3		SHS
NORTHBOUND MM 111.140 LT	↻	1	36	36	9.00						2					X		X														R3-4		SHS
NORTHBOUND MM 111.299 RT	BRIDGE 86-5 I-89	1	6	10	0.42						1				X			X														VD-701		E-134
NORTHBOUND MM 111.300 LT & RT	▨ ▨	1	12	36	3.00						1					X		X														OM-3L		SHS
		1	12	36	3.00						1					X		X														OM-3R		SHS
NORTHBOUND MM 111.351 RT	BRIDGE 87N I-89	1	6	10	0.42						1				X			X														VD-701		E-134
							1					FT	FT	FT	FT 24	FT 129.75	FT 30		EA	LB	LB	LB		LB	LB 270	LB	LB						
			SF 48.01	SF 42.25	EA.	SF						FT			FT 183.75					LB			EA. 2	LB 270				EA.	EA.	LB.			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

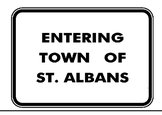
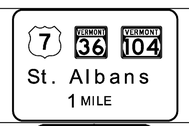
NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB12.I
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 73 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
NORTHBOUND MM 111.510 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
NORTHBOUND MM 112.000 RT		1	12	48	4.00						1					X		X																	D10-3		SHS
NORTHBOUND MM 112.080 RT		1	42	30	8.75						2					X		X																	I-2		E-131
NORTHBOUND MM 112.290 RT		1	42	30	8.75						2					X		X																	I-2		E-131
NORTHBOUND MM 112.450 RT		1	96	30	20.00						2																	2		780	W8x18		EI-5 FUSE PLATE BOLT TENSION = 19.2 KIPS	32	
		1	186	126		162.75	R																											EI-2	32	
NORTHBOUND MM 112.640 RT		1	126	114		99.75	R				2																	2		480	W6x12		E3-1 FUSE PLATE BOLT TENSION = 12.0 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	32	
NORTHBOUND MM 113.000 RT		1	12	48	4.00						1					X		X																	D10-3		SHS
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".							2				FT	FT	FT	FT	FT 109.5	FT		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 54.50	SF 262.50	EA.	SF			FT			FT 109.5					LB			EA.	LB				EA. 4	EA.	LB. 1260					

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 13

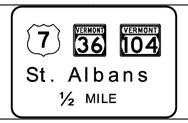
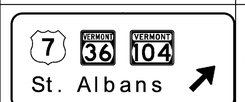
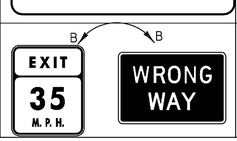
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBI3.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 74 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	2.0 / 2.42	2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 / 1.3	4.0 / 1.7	4.0 MOD / 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 / 7.6	3.5 / 9.0	4.0 / 10.8	5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND MM 113.050 RT		1	96	30	20.00						2																		2		1100	W10X26		E1-5 FUSE PLATE BOLT TENSION = 28.4 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	32	
		1	186	126		162.75	R																											E1-2	32	
		1	162	30		33.75	O																											E2-1	40	
NORTHBOUND MM 113.210 RT		1	144	144		144.00	R				2																		2		810	W8X18		D9-18 (MODIFIED) D9-11, D9-20A D9-8 D9-9 D9-10 D9-1 VD-551 FUSE PLATE BOLT TENSION = 19.2 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	39	SHS, SHS SHS SHS SHS SHS E-132
NORTHBOUND MM 113.222 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 113.310 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 113.410 RT		1	96	30	20.00						2																		2		650	W8x18		E1-5 FUSE PLATE BOLT TENSION = 19.7 KIPS	33	
		1	234	102		165.75	R R																											E1-1	33	
NORTHBOUND MM 113.420 RT		1 1	36 42	48 30	12.00 8.75						2							X	X															W13-2 R5-1A		SHS SHS
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".							4					FT	FT	FT	FT 8	FT 30	FT 30		EA	LB	LB	LB		LB	LB	LB	LB							
					SF 70.17	SF 506.25	EA.	SF				FT			FT 68					LB			EA.	LB				EA. 6	EA.	LB. 2560					

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 14

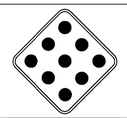
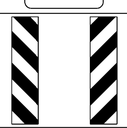
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB14.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 75 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 113.567 RT		1	18	18	2.25						1					X		X															OMI-1		SHS
NORTHBOUND MM 113.570 RT		1	72	60		30.00	R				2												2	X									E5-1A	40	
NORTHBOUND MM 113.645 RT		1	48	48	16.00						2						X	X															W4-1R		SHS
NORTHBOUND MM 113.705 LT		1	36	12	3.00						2					X		X															R6-1R		SHS
NORTHBOUND MM 113.727 RT		1	6	10	0.42						1				X			X															VD-70I		E-134
NORTHBOUND MM 113.727 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															0M-3L 0M-3R		SHS SHS
NORTHBOUND MM 113.900 RT		1	48	36	12.00						2						X	X															R8-7		SHS
NORTHBOUND MM 114.000 RT		1	12	48	4.00						1					X		X															D10-3		SHS
NORTHBOUND MM 114.005 RT		1 1	30 36	15 36	3.12 9.00						2						X	X															M3-1 WHITE ON BLUE MOUNT M3-1 ABOVE M1-1 M1-1		SHS SHS
NORTHBOUND MM 114.064 RT		1	6	10	0.42						1				X			X															VD-70I		E-134
												FT	FT	FT	FT 16	FT 84.75	FT 90		EA	LB	LB	LB		LB 228	LB	LB	LB								
					SF 56.21	SF 30.00	EA. 1	SF				FT			FT 190.75					LB			EA. 2	LB 228				EA.	EA.	LB.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 15

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB15.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 76 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 114.100 RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	E-153B
NORTHBOUND MM 114.120 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 114.195 RT		1 1	48 48	60 48	20.00 16.00						2												2	X										R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
NORTHBOUND MM 114.370 RT		1	102	42		29.75	R				2																	2		260	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	33	
NORTHBOUND MM 114.393 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 114.620 LT & RT		2	48	60	40.00						4												4	X										VR-132	47	
NORTHBOUND MM 114.948 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 115.000 RT		1	12	48	4.00						1					X		X																DI0-3		SHS
NORTHBOUND MM 115.072 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 115.670 LT		1	36	36	9.00						2					X		X																R3-4		SHS
												FT	FT	FT	FT 24	FT 69.75	FT 30		EA	LB	LB	LB		LB 684	LB	LB	LB								
					SF 118.26	SF 29.75	EA. 1	SF				FT			FT 123.75					LB			EA. 6		LB 684				EA. 2	EA.	LB. 260					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 16

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB16.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 77 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
NORTHBOUND MM 116.000 RT	MILE 116	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 116.510 RT	EXIT 20	1	96	30	20.00						2																		2		700	W8X18		EI-5 FUSE PLATE BOLT TENSION = 20.5 KIPS	33	
	7 VERMONT 207 St. Albans 1 MILE	1	174	126		152.25	R R																											EI-2	33	
NORTHBOUND MM 116.760 RT	BRIDGE 92N I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 116.760 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																OM-3L OM-3R		SHS SHS
NORTHBOUND MM 116.950 RT	EXIT 20	1	96	30	20.00						2																		2		900	W8X21		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	34	
	7 VERMONT 207 St. Albans ½ MILE	1	174	126		152.25	0																											EI-2	34	
	NEXT EXIT 6 MILES	1	162	30		33.75	0																											E2-1	40	
NORTHBOUND MM 117.000 RT	MILE 117	1	12	48	4.00						1					X		X																DIO-3		SHS
							2					FT	FT	FT	FT 8	FT 49.5	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB.					
					SF 54.42	SF 338.25	EA.	SF				FT			FT 57.5					LB			EA.	LB				EA. 4	EA.	LB. 1600					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 17

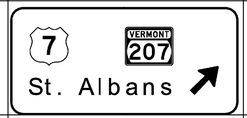
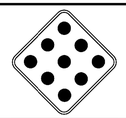
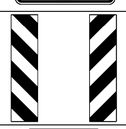
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBI7.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 78 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 117.160 RT		1	144	144		144.00	0				2																		2		1100	W8x21		D9-11, D9-20A D9-18 (MODIFIED) D9-8 D9-9 D9-10 FUSE PLATE BOLT TENSION = 28.4 KIPS NEW SIGN LOCATION, MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	SHS, SHS SHS SHS SHS
NORTHBOUND MM 117.240 LT		1	36	36	9.00						2					X		X															R3-4		SHS
NORTHBOUND MM 117.360 RT		1	96	30	20.00						2																		2		675	W8X18		EI-5 FUSE PLATE BOLT TENSION = 19.2 KIPS	34	
		1	216	102		153.00	R																										EI-1	34	
NORTHBOUND MM 117.525 RT		1	18	18	2.25						1					X		X															OMI-1		SHS
NORTHBOUND MM 117.530 RT		1	72	60		30.00	R				2													2	X								E5-1A	40	
NORTHBOUND MM 117.545 LT		1	36	36	9.00						2					X		X															R3-4		SHS
NORTHBOUND MM 117.620 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3L OM-3R		SHS SHS
NORTHBOUND MM 117.633 RT		1	6	10	0.42						1					X		X															VD-701		E-134
							2					FT	FT	FT	FT 8	FT 105	FT		EA	LB	LB	LB		LB 228	LB	LB	LB							
					SF 46.67	SF 327.00	EA.	SF				FT			FT 113					LB			EA. 2		LB 228				EA. 4	EA.	LB. 1775					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 18

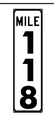
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBI8.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 79 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND MM 117.730 RT		1	48	48	16.00						2						X	X																	W4-1R		SHS
NORTHBOUND MM 117.800 LT		1	36	12	3.00						2					X		X																R6-1R		SHS
NORTHBOUND MM 117.910 RT		1	42	30	8.75						2					X		X																I-2		E-131
NORTHBOUND MM 117.920 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 117.960 RT		1	48	36	12.00						2						X	X																R8-7		SHS
NORTHBOUND MM 118.000 RT		1	12	48	4.00						1					X		X																D10-3		SHS
NORTHBOUND MM 118.035 RT		1 1	30 36	15 36	3.12 9.00						2						X	X																M3-1 WHITE ON BLUE MI-1 MOUNT M3-1 ABOVE MI-1		SHS SHS
NORTHBOUND MM 118.130 RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 VP-396 MOUNT VW-397 ABOVE VP-396	46	E-153B
NORTHBOUND MM 118.225 RT		1 1	48 48	60 48	20.00 16.00						2												2		X									R2-1 VR-141 MOUNT R2-1 ABOVE VR-141		SHS E-142
NORTHBOUND MM 118.380 RT		1	102	42		29.75	R				2																	2		270	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	34	
					SF 119.87	SF 29.75	EA. 1	SF				FT	FT	FT	FT	FT 99.75	FT 120		EA	LB	LB	LB	EA. 2	LB	LB 270	LB	LB	EA. 2	EA.	LB. 270					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 19

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBI9.T

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 80 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND MM 118.630 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4												4	X										VR-132	47	
NORTHBOUND MM 119.000 RT	MILE 119	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 120.000 RT	MILE 120	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 120.270 RT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 121.000 RT	MILE 121	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 121.330 RT	BRIDGE 94N I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 121.330 LT & RT		1	12	36	3.00						1					X		X																OM-3L		SHS
		1	12	36	3.00						1					X		X																OM-3R		SHS
NORTHBOUND MM 122.000 RT	MILE 122	1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 122.280 RT	EXIT 21	1	96	30	20.00						2																			2		740	W8X18		EI-5 FUSE PLATE BOLT TENSION = 19.2 KIPS	35	
	VERMONT 78 7 Swanton 1 MILE	1	150	126		131.25	R R																											EI-2	35	
							2					FT	FT	FT	FT 8	FT 99.00	FT		EA	LB	LB	LB		LB 456	LB	LB	LB								
					SF 91.42	SF 131.25	EA.	SF				FT			FT 107.00					LB			EA. 4		LB 456				EA. 2	EA.	LB. 740					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 20

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB20.T
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 81 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 122.380 RT	122.38 Highgate Center New York State EXIT 21	1	204	84		119.00	R				2																	2		500	W6X15		E3-1 FUSE PLATE BOLT TENSION = 19.2 KIPS	36	
		1	30	30	6.25																												I-5		SHS
NORTHBOUND MM 122.408 RT	BRIDGE 95 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 122.630 RT	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2						X	X															W8-13		SHS
NORTHBOUND MM 122.660 LT		1	36	36	9.00						2					X		X															R3-4		SHS
NORTHBOUND MM 122.670 RT	MISSISQUOI RIVER	1	36	24	6.00						2					X		X															I-3		E-131
NORTHBOUND MM 122.700 RT	EXIT 21	1	96	30	20.00						2																	2		910	W8x21		E1-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	36	
	VERMONT 78 7 Swanton ½ MILE	1	150	126		131.25	0																										E1-2	36	
	NEXT EXIT 6 MILES	1	108	54		40.50	0																										E2-1A	40	
NORTHBOUND MM 122.794 RT	BRIDGE 96N I-89	1	6	10	0.42						1				X			X															VD-701		E-134
							1					FT	FT	FT	FT 16	FT 60	FT 30		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 58.09	SF 290.75	EA.	SF				FT			FT 106					LB			EA.	LB				EA. 4	EA.	LB. 1410					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 21

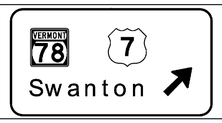
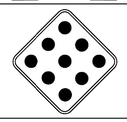
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB21.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 82 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMEMENT REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 122.795 LT & RT		1	12	36	3.00						1					X		X																OM-3L		SHS
		1	12	36	3.00						1					X		X																OM-3R		SHS
NORTHBOUND MM 122.845 RT		1	144	144		144.00	0				2																		2		690	W6X15		D9-18 (MODIFIED) D9-7, D9-20A D9-11 D9-8 D9-1 D9-10 D9-3, VD-543A FUSE PLATE BOLT TENSION = 23.8 KIPS	39	SHS, SHS SHS SHS SHS SHS SHS, E-132
NORTHBOUND MM 122.900 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 123.000 RT		1	12	48	4.00						1					X		X																D10-3		SHS
NORTHBOUND MM 123.050 RT		1	96	30	20.00						2																		2		550	W6X15		E1-5 FUSE PLATE BOLT TENSION = 19.2 KIPS	36	
		1	192	102		136.00	R																											E1-1	36	
NORTHBOUND MM 123.121 RT		1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 123.122 LT & RT		1	12	36	3.00						1					X		X																OM-3L		SHS
		1	12	36	3.00						1					X		X																OM-3R		SHS
NORTHBOUND MM 123.274 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
												FT	FT	FT	FT 8	FT 114.75	FT		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 47.67	SF 280.00	EA. 1	SF				FT			FT 122.75					LB			EA.	LB				EA. 4	EA.	LB. 1240					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 22

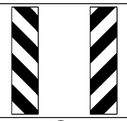
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB22.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 83 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMEMENT REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
NORTHBOUND MM 123.277 RT		1	72	60		30.00	R				2												2	X										E5-1A	40	
NORTHBOUND MM 123.368 RT		1	6	10	0.42						1				X			X																VD-70I		E-134
NORTHBOUND MM 123.369 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																0M-3L 0M-3R		SHS SHS
NORTHBOUND MM 123.410 RT		1	48	48	16.00						2						X	X																W4-1R		SHS
NORTHBOUND MM 123.515 LT		1	36	12	3.00						2					X		X																R6-1R		SHS
NORTHBOUND MM 123.680 RT		1	48	36	12.00						2						X	X																R8-7		SHS
NORTHBOUND MM 123.690 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 123.780 RT		1 1	30 36	15 36	3.12 9.00						2							X	X																M3-1 WHITE ON BLUE MOUNT M3-1 ABOVE MI-1 MI-1		SHS SHS
NORTHBOUND MM 123.880 RT		1 1	48 24	48 18	16.00 3.00						2							X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	 E-153B
NORTHBOUND MM 123.970 RT		1	42	30	8.75						2					X		X																I-2		E-131
												FT	FT	FT	FT 8	FT 120	FT 120		EA	LB	LB	LB		LB 228	LB	LB	LB								
					SF 86.29	SF 30.00	EA. 1	SF				FT			FT 248					LB			EA. 2	LB 228				EA.	EA.	LB.					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 23

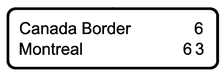
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB23.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 84 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 123.980 RT		1 1	48 48	60 48	20.00 16.00						2												2		X								R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
NORTHBOUND MM 124.000 RT		1	12	48	4.00						1					X		X															DI0-3		SHS
NORTHBOUND MM 124.420 RT		1	144	42		42.00	R				2																	2		270	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	37	
NORTHBOUND MM 124.670 LT & RT		2	48	60	40.00						4												4	X								VR-132	47	
NORTHBOUND MM 125.000 RT		1	12	48	4.00						1					X		X															DI0-3		SHS
NORTHBOUND MM 125.080 LT		1	36	36	9.00						2					X		X															R3-4		SHS
NORTHBOUND MM 126.000 RT		1	12	48	4.00						1					X		X															DI0-3		SHS
NORTHBOUND MM 126.761		1	6	10	0.42						1				X			X															VD-701		E-134
NORTHBOUND MM 127.000 RT		1	12	48	4.00						1					X		X															DI0-3		SHS
NORTHBOUND MM 127.555		1	6	10	0.42						1				X			X															VD-701		E-134
												FT	FT	FT	FT 16	FT 69	FT		EA	LB	LB	LB		LB 456	LB 270	LB	LB								
					SF 101.84	SF 42.00	EA. 1	SF				FT			FT 85					LB			EA. 6	LB 726				EA. 2	EA.	LB. 270					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 24

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB24.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 85 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 128.000 RT	MILE 128	1	12	48	4.00						1					X		X																D10-3		SHS
NORTHBOUND MM 128.230 RT	Canada 2	1	84	24	14.00						2						X	X																D2-1	37	
NORTHBOUND MM 128.260 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 128.320 RT	ROCK RIVER	1	36	24	6.00						2					X		X																I-3		E-131
NORTHBOUND MM 128.335	BRIDGE 100N I-89	1	6	10	0.42						1				X			X																VD-701		E-134
NORTHBOUND MM 128.340 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																OM-3L OM-3R		SHS SHS
NORTHBOUND MM 128.450 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 128.970 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 128.980 RT	EXIT 22	1	96	30	20.00						3																			3		1785	W10x26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	38	
	7 SOUTH Highgate Springs ¾ MILE	1	270	120		225.00	R																											EI-2	38	
							1					FT	FT	FT	FT 8	FT 159.75	FT 30		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 77.42	SF 225.00	EA.	SF				FT			FT 197.75					LB			EA.	LB				EA. 3	EA.	LB. 1785					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 25

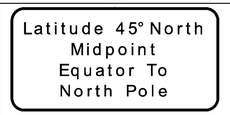
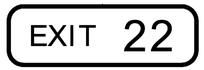
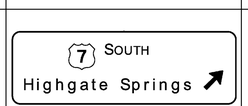
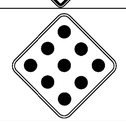
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB25.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 86 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
NORTHBOUND MM 129.000 RT		1	12	48	4.00						1					X		X																DIO-3		SHS
NORTHBOUND MM 129.180 RT		1	144	72		72.00	R				2																	2		340	W6x9		I-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	38	
NORTHBOUND MM 129.560 LT		1	36	36	9.00						2					X		X																R3-4		SHS
NORTHBOUND MM 129.580 RT		1	96	30	20.00						3																	3		1250	W8X18		EI-5 FUSE PLATE BOLT TENSION = 19.2 KIPS	38	
		1	312	102		221.00	R																										EI-1	38	
		1	30	30	6.25																												D9-11		SHS
NORTHBOUND MM 129.605 LT & RT		2	48	48	32.00						4						X	X																W3-5		
NORTHBOUND MM 129.686 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
NORTHBOUND MM 129.689 RT		1	72	60		30.00	R				2													2	X								E5-1A	40	
NORTHBOUND MM 129.720 RT		1	48	48	16.00						2						X	X																W4-1R		SHS
												FT	FT	FT	FT	FT 54.75	FT 90		EA	LB	LB	LB		LB 228	LB	LB	LB							
					SF 89.50	SF 323.00	EA. 3	SF				FT			FT 144.75					LB			EA. 2	LB 228				EA. 5	EA.	LB. 1700				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 26

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB26.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 87 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
NORTHBOUND MM 129.780 LT		1	36	12	3.00						2					X		X																R6-1R		SHS
NORTHBOUND MM 129.830 LT & RT		2	48	60	40.00						4						X	X																R2-1		SHS
NORTHBOUND MM 129.860 LT & RT		2	48	48	32.00						4						X	X																W2-3L		SHS
NORTHBOUND MM 129.930 LT		1	36	36	9.00						2					X		X																R3-4		SHS
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT	FT	FT 60	FT 120		EA	LB	LB	LB		LB	LB	LB	LB								
		SF 84.00	SF	EA.	SF		FT					FT 180								LB			EA.	LB				EA.	EA.	LB.						

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 27

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB27.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 88 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN REMAINED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
OPTION ITEMS																																				
SHEET 62					105.54	491.25									8	60	90							2	0	270			3	2	3460					
SHEET 63					102.68	59.5									32	19.5	30							6	456	270			2	0	210					
SHEET 64					21.84	155.5									16	79.5	0							0	0	0			6	0	1000					
SHEET 65					57.42	420.5									8	114.75	0							2	0	270			4	0	2600					
SHEET 66					51.42	692.75									8	39.75	30							0	0	0			5	4	4320					
SHEET 67					96.92	439									8	45	30							6	684	0			2	5	4365					
SHEET 68					49.68	221									32	60	30							0	0	0			2	0	1290					
SHEET 69					87.84	501.75									0	45	30							2	228	0			5	0	2865					
SHEET 70					103.38	0									24	39.75	120							2	228	0			0	0	0					
SHEET 71					121.42	33.25									8	120	90							4	456	0			2	0	210					
SHEET 72					31.09	100	1								16	44.25	30							0	0	0			4	0	520					
SHEET 73					48.01	42.25									24	129.75	30							2	0	270			0	0	0					
SHEET 74					54.5	262.5									0	109.5	0							0	0	0			4	0	1260					
SHEET 75					70.17	506.25									8	30	30							0	0	0			6	0	2560					
SHEET 76					56.21	30									16	84.75	90							2	228	0			0	0	0					
SHEET 77					118.26	29.75									24	69.75	30							6	684	0			2	0	260					
SHEET 78					54.42	338.25									8	49.5	0							0	0	0			4	0	1600					
SHEET 79					46.67	327									8	105	0							2	228	0			4	0	1775					
SHEET 80					119.87	29.75									0	99.75	120							2	0	270			2	0	270					
SHEET 81					91.42	131.25									8	99.00	0							4	456	0			2	0	740					
SHEET 82					58.09	290.75									16	60	30							0	0	0			4	0	1410					
SHEET 83					47.67	280									8	114.75	0							0	0	0			4	0	1240					
SHEET 84					86.29	30									8	120	120							2	228	0			0	0	0					
SHEET 85					101.84	42									16	69	0							6	456	270			2	0	270					
SHEET 86					77.42	225									8	159.75	30							0	0	0			3	0	1785					
SHEET 87					89.5	323									0	54.75	90							2	228	0			5	0	1590					
SHEET 88					84	0									0	60	120							0	0	0			0	0	0					
SUBTOTAL:					2033.57	6002.25						FT	FT	FT	FT 312	FT 2082.75	FT 1170		EA	LB	LB	LB	52	LB 4560	LB 1620	LB	LB	77	11	35600					
ROUNDING:																													0	0	0					
					SF 2033.57	SF 6002.25	EA. 1	SF				FT			FT 312 2082.75 1170 3564.75					LB			EA. 52	LB 4560 1620 6180				EA. 77	EA. 11	LB. 35600					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND TRAFFIC SIGN SUMMARY SHEET 28

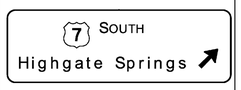
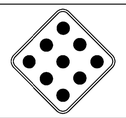
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNB28.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 89 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED FRAME	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 129.910 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 129.880 LT		1	36	12	3.00						2					X		X																R6-1R		SHS
SOUTHBOUND MM 129.879 RT		1	48	48	16.00						2						X	X																VR-654		E-143
		1	24	18	3.00																													VR-655P	46	
SOUTHBOUND MM 129.831 RT		1	6	10	0.42						1				X			X																VD-701		E-134
SOUTHBOUND MM 129.850 ~~LT~~ RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	E-153B
SOUTHBOUND MM 129.820 RT		1	96	30	20.00						3																		3		1140	W8X21		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS NEED SPECIAL 8' W-SHAPE FOOTINGS. SEE CROSS SECTION AND DETAIL ON SHEET 2.	38	
		1	312	102		221.00																												EI-1	38	
		1	30	30	6.25																													D9-11		SHS
SOUTHBOUND MM 129.782 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
												FT	FT	FT	FT 8	FT 75.00	FT 60		EA	LB	LB	LB		LB	LB	LB	LB							
					SF 78.92	SF 221.00	EA.	SF				FT			FT 143.00					LB			EA.	LB				EA. 3	EA.	LB. 1140					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 1

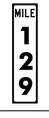
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 94 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 129.780 RT		1	72	60		30.00					2												2	X								E5-1A	40	
SOUTHBOUND MM 129.735 RT		1	48	48	16.00						2						X	X														W4-1R		SHS
SOUTHBOUND MM 129.694 LT		1	36	12	3.00						2					X		X														R6-1R		SHS
SOUTHBOUND MM 129.600 LT		1	36	36	9.00						2					X		X														R3-4		SHS
SOUTHBOUND MM 129.600 RT		1	48	36	12.00						2						X	X														R8-7		SHS
SOUTHBOUND MM 129.500 RT		1 1	30 36	15 36	3.12 9.00						2						X	X														M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE MI-1 MI-1		SHS SHS
SOUTHBOUND MM 129.400 RT		1 1	48 24	48 18	16.00 3.00						2						X	X														(REMOVE EXISTING SIGNS AT MM 129.62) VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	 E-153B
SOUTHBOUND MM 129.300 LT & RT		2 2	48 48	60 48	40.00 32.00						4												4		X							R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
SOUTHBOUND MM 129.000 RT		1	12	48	4.00						1					X		X														DIO-3		SHS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB.
										69.75	120							228	540					
	147.12	30.00																						
										FT				LB			EA.	LB				EA.	EA.	LB.
										189.75							6	768						

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSS21.1

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 95 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUND-ATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 128.960 RT	STATE LAW STOP FOR SCHOOL BUS FLASHING RED LIGHTS / ARRETT OBLIGATIOIRE SURFEU ROUGE D'AUTOBUS D'ECOLIERS	1 1	48 48	60 60	20.00 20.00						2												2		X								VR-048 MOUNT VR-048 ABOVE VR-048 (FRENCH) VR-048 (FRENCH)		E-144 E-144
SOUTHBOUND MM 128.746 RT	BRIDGE 101 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 128.650 RT 128.49	Swanton 6 St. Albans 12 STATE LAW	1	114 132	42 66		33.25 60.5					2																		2		290	W6X9		D2-2 EXISTING SIGN AND HARDWARE TO BE REMOVED FROM BRIDGE FUSE PLATE BOLT TENSION = 12.0 KIPS MIN. 400, SOUTH OF 419	37	
SOUTHBOUND MM 128.480 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 128.430 RT	ROCK RIVER	1	36	24	6.00						2					X		X															I-3		E-131
SOUTHBOUND MM 128.412 RT	BRIDGE 100S I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 128.410 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3R OM-3L		SHS SHS
SOUTHBOUND MM 128.400 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4												4	X									VR-132	47	
SOUTHBOUND MM 128.285 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 128.000 RT	MILE 128	1	12	48	4.00						1					X		X															DIO-3		SHS
												FT	FT	FT	FT 16	FT 129.75	FT		EA	LB	LB	LB		LB 456	LB 270	LB	LB							
					SF 114.84	SF 33.25	EA.	SF				FT			FT 145.75					LB			EA. 6		LB 726			EA. 2	EA.	LB. 290					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB3.1
PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 96 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
SOUTHBOUND MM 127.700 RT	511 TRAVEL INFO	1	48	48	16.00						2						X	X																	VD-123	41	
SOUTHBOUND MM 127.000 RT	MILE 127	1	12	48	4.00						1					X		X																	DIO-3		SHS
SOUTHBOUND MM 126.000 RT	MILE 126	1	12	48	4.00						1					X		X																	DIO-3		SHS
SOUTHBOUND MM 125.090 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
SOUTHBOUND MM 125.000 RT	MILE 125	1	12	48	4.00						1					X		X																	DIO-3		SHS
SOUTHBOUND MM 124.560 RT	EXIT 21	1	96	30	20.00						2																			2		930	W8x21		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	35	
	VERMONT 78 7 Swanton 1 MILE	1	150	126		131.25																													EI-2	35	
SOUTHBOUND MM 124.250 RT	Highgate Center Lake Champlain Islands EXIT 21	1	288	84		168.00					3																			3		1020	W6x15		E3-1 FUSE PLATE BOLT TENSION = 19.2 KIPS	37	
		1	30	30	6.25																														I-5		SHS
					SF 63.25	SF 299.25	EA.	SF				FT	FT	FT	FT	FT 59.25	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA. 5	EA.	LB. 1950					
												FT			FT 89.25					LB			EA.	LB											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSS41.1

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 97 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 124.005 RT	EXIT 21	1	96	30	20.00						2																	2		1250	W10X26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	36	
	VERMONT 78 7 Swanton ½ MILE	1	150	126		131.25																												EI-2	36	
	NEXT EXIT 7 MILES	1	108	54		40.50																												E2-1A	40	
SOUTHBOUND MM 124.000 RT	MILE 124	1	12	48	4.00						1					X		X																DI0-3		SHS
SOUTHBOUND MM 123.800 RT	24 HOUR 24 HOUR SEASONAL NEXT RIGHT	1	144	144		144.00					2																	2		1050	W8x21		D9-18 (MODIFIED) D9-7, D9-20A D9-8, D9-20A D9-9 D9-1 D9-10 D9-3, VD-543A FUSE PLATE BOLT TENSION = 28.4 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	SHS , SHS SHS, SHS SHS SHS SHS SHS, E-132
SOUTHBOUND MM 123.700 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 123.590 RT	EXIT 21	1	96	30	20.00						2																	2		890	W8x21		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	36	
	VERMONT 78 7 Swanton	1	192	102		136.00																												EI-1	36	
SOUTHBOUND MM 123.480 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
												FT	FT	FT	FT	FT 54.75	FT		EA	LB	LB	LB		LB	LB	LB	LB								
			SF 55.25	SF 451.75	EA.	SF						FT			FT 54.75					LB			EA.	LB				EA. 6	EA.	LB. 3190					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB5.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 98 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 123.470 RT	EXIT 21	1	72	60		30.00					2												2	X								E5-1A	40	
SOUTHBOUND MM 123.382 RT	BRIDGE 98S I-89	1	6	10	0.42						1				X			X														VD-701		E-134
SOUTHBOUND MM 123.380 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X														OM-3R OM-3L		SHS SHS
SOUTHBOUND MM 123.275 RT		1	48	48	16.00						2						X	X														W4-1R		SHS
SOUTHBOUND MM 123.240 LT	ONE WAY	1	36	12	3.00						2					X		X														R6-1R		SHS
SOUTHBOUND MM 123.152 RT	BRIDGE 97S I-89	1	6	10	0.42						1				X			X														VD-701		E-134
SOUTHBOUND MM 123.150 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X														OM-3R OM-3L		SHS SHS
SOUTHBOUND MM 123.05 RT	EMERGENCY STOPPING ONLY	1	48	36	12.00						2						X	X														R8-7		SHS
SOUTHBOUND MM 123.000 RT	MILE 123	1	12	48	4.00						1					X		X														D10-3		SHS
SOUTHBOUND MM 122.950 RT	SOUTH INTERSTATE 89	1 1	30 36	15 36	3.12 9.00						2						X	X														M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE M1-1 M1-1		SHS SHS
					SF 59.96	SF 30.00	EA.	SF				FT	FT	FT	FT 16	FT 99.75	FT 90		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.	LB.					
															FT 205.75					LB															

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

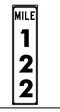
SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB6.i
PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 99 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
SOUTHBOUND MM 122.910 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 122.875 RT		1	48	48	16.00						2					X		X																W8-13		SHS
SOUTHBOUND MM 122.850 RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	E-153B
SOUTHBOUND MM 122.832 RT		1	6	10	0.42						1				X			X																VD-701		E-134
SOUTHBOUND MM 122.830 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 122.750 RT		1 1	48 48	60 48	20.00 16.00						2												2		X									R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
SOUTHBOUND MM 122.670 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 122.540 RT		1	120	42		35.00					2																	2		270	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	36	
SOUTHBOUND MM 122.250 LT & RT		2	48	60	40.00						4												4	X										VR-132	47	
SOUTHBOUND MM 122.000 RT		1	12	48	4.00						1					X		X																DIO-3		SHS
					SF 139.42	SF 35.00	EA.	SF			FT	FT	FT	FT 8	FT 129.75	FT 30		EA	LB	LB	LB		LB 456	LB 270	LB	LB	EA. 2	EA.	LB. 270					
												FT			FT 167.75					LB			EA. 6		LB 726										

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB7.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 100 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
SOUTHBOUND MM 121.355 RT	BRIDGE 94S I-89	1	6	10	0.42						1				X			X																	VD-701		E-134
SOUTHBOUND MM 121.350 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 121.000 RT	MILE 121	1	12	48	4.00						1					X		X																DI0-3		SHS
SOUTHBOUND MM 120.300 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 120.000 RT	MILE 120	1	12	48	4.00						1					X		X																DI0-3		SHS
SOUTHBOUND MM 119.330 RT	St. Albans NEXT 2 EXITS	1	132	54		49.50					2																		2		280	W6x9		E-9 FUSE PLATE BOLT TENSION = 12.0 KIPS	35	
SOUTHBOUND MM 119.000 RT	MILE 119	1	12	48	4.00						1					X		X																DI0-3		SHS
SOUTHBOUND MM 118.830 RT	EXIT 20	1	96	30	20.00						2																		2		770	W8x18		EI-5 FUSE PLATE BOLT TENSION = 19.2 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	35	
	7 St. Albans 1 MILE	1	174	126		152.25																												EI-2	35	
					SF 47.42	SF 201.75	EA.	SF				FT	FT	FT	FT 8	FT 89.25	FT 97.25		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA. 4	EA.	LB. 1050					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB8.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 101 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 118.300 RT	EXIT 20	1	96	30	20.00						2																	2		1230	W10X26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	35	
	7 St. Albans ½ MILE	1	174	126		152.25																												EI-2	35	
	NEXT EXIT 4 MILES	1	162	30		33.75																												E2-1	40	
SOUTHBOUND MM 118.100 RT	D 24 HOUR, ?, NEXT RIGHT	1	144	144		144.00					2																	2		870	W8X18		D9-18 (MODIFIED) D9-11, D9-20A D9-8 D9-9 D9-10 FUSE PLATE BOLT TENSION = 19.2 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	SHS, SHS SHS SHS SHS
SOUTHBOUND MM 118.000 RT	MILE 118	1	12	48	4.00						1					X		X																D10-3		SHS
SOUTHBOUND MM 117.960 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 117.920 RT	ENTERING TOWN OF ST. ALBANS	1	42	30	8.75						2					X		X																I-2		E-131
SOUTHBOUND MM 117.900 RT	EXIT 20	1	96	30	20.00						2																	2		680	W8X18		EI-5 FUSE PLATE BOLT TENSION = 19.2 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	34	
	7 VERMONT 207 St. Albans	1	216	102		153.00																												EI-1	34	
					SF 61.75	SF 483.00	EA.	SF				FT	FT	FT	FT	FT 69.75	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA. 6	EA.	LB. 2780					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 9

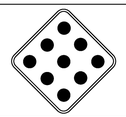
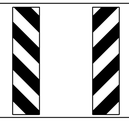
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB9.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 102 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	1.3	1.7	1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0	3.5	4.0	5.0	7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																																		
SOUTHBOUND MM 117.730 RT		1	18	18	2.25						1					X		X																						OMI-1		SHS
SOUTHBOUND MM 117.720 RT		1	72	60		30.00					2																2	X												E5-1A	40	
SOUTHBOUND MM 117.633 RT		1	6	10	0.42						1				X					X																			VD-701		E-134
SOUTHBOUND MM 117.620 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																						OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 117.510 LT		1	36	36	9.00						2					X		X																						R3-4		SHS
SOUTHBOUND MM 117.490RT		1	48	48	16.00						2						X	X																						W4-1R		SHS
SOUTHBOUND MM 117.470 RT		1	36	12	3.00						2					X		X																						R6-1R		SHS
SOUTHBOUND MM 117.240 RT		1	48	36	12.00						2						X	X																						R8-7		SHS
SOUTHBOUND MM 117.230 LT		1	36	36	9.00						2					X		X																						R3-4		SHS
SOUTHBOUND MM 117.130 RT		1 1	30 36	15 36	3.12 9.00						2						X	X																						M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE MI-1 MI-1		SHS SHS
												FT	FT	FT	FT 8	FT 135	FT 90		EA	LB	LB	LB					LB 228	LB	LB	LB										
					SF 69.79	SF 30.00	EA.	SF				FT			FT 233						LB			EA. 2				LB 228				EA.	EA.	LB.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI0.1

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 103 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 115.110 RT	EXIT 19	1	96	30	20.00						2																	2		740	W8x18		EI-5 FUSE PLATE BOLT TENSION = 19.3 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	32	
	7 VERMONT 36 VERMONT 104 St. Albans 1 MILE	1	186	126		162.75																											EI-2	32	
SOUTHBOUND MM 115.000 RT	MILE 115	1	12	48	4.00						1					X		X															DI0-3		SHS
SOUTHBOUND MM 114.600 RT	EXIT 19	1	96	30	20.00						2																	2		1250	W10X26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	32	
	7 VERMONT 36 VERMONT 104 St. Albans ½ MILE	1	186	126		162.75																											EI-2	32	
	NEXT EXIT 7 MILES	1	162	30		33.75																											E2-1	40	
SOUTHBOUND MM 114.425 RT	D 24 HOUR; ? H STATE POLICE NEXT RIGHT	1	144	144		144.00																						2		675	W6X15		D9-18 (MODIFIED) D9-11, D9-20A D9-8 D9-9 D9-10 D9-2 VD-551 FUSE PLATE BOLT TENSION = 21.5 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	SHS, SHS SHS SHS SHS SHS E-132
SOUTHBOUND MM 114.140 LT		1	36	36	9.00						2					X		X															R3-4		SHS
					SF 53.00	SF 503.25	EA.	SF			FT	FT	FT	FT	FT 39.75	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA. 6	EA.	LB. 2665					
															FT 39.75																				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI2.I

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 105 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 115.110 RT	EXIT 19	1	96	30	20.00						2																	2		740	W8x18		EI-5 FUSE PLATE BOLT TENSION = 19.3 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	32	
	7 VERMONT 36 VERMONT 104 St. Albans 1 MILE	1	186	126		162.75																											EI-2	32	
SOUTHBOUND MM 115.000 RT	MILE 115	1	12	48	4.00						1					X		X															DI0-3		SHS
SOUTHBOUND MM 114.600 RT	EXIT 19	1	96	30	20.00						2																	2		1250	W10X26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	32	
	7 VERMONT 36 VERMONT 104 St. Albans ½ MILE	1	186	126		162.75																											EI-2	32	
	NEXT EXIT 7 MILES	1	162	30		33.75																											E2-1	40	
SOUTHBOUND MM 114.425 RT	D 24 HOUR; ? H STATE POLICE NEXT RIGHT	1	144	144		144.00																						2		675	W6X15		D9-18 (MODIFIED) D9-11, D9-20A D9-8 D9-9 D9-10 D9-2 VD-551 FUSE PLATE BOLT TENSION = 21.5 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	SHS, SHS SHS SHS SHS SHS E-132
SOUTHBOUND MM 114.140 LT		1	36	36	9.00						2					X		X															R3-4		SHS
					SF 53.00	SF 503.25	EA.	SF			FT	FT	FT	FT	FT 39.75	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA. 6	EA.	LB. 2665					
															FT 39.75																				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 12

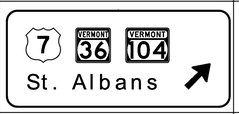
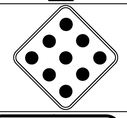
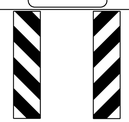
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI2.I

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 105 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
SOUTHBOUND MM 114.130 RT		1	96	30	20.00						2																	2		860	W8X21		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	33	
		1	234	102		165.75																											EI-1	33	
SOUTHBOUND MM 114.020 RT		1	36	48	12.00						2						X	X															WI3-2		SHS
SOUTHBOUND MM 114.000 RT		1	12	48	4.00						1					X		X															DI0-3		SHS
SOUTHBOUND MM 113.875 RT		1	18	18	2.25						1					X		X															OMI-1		SHS
SOUTHBOUND MM 113.870 RT		1	72	60		30.00					2												2	X									E5-1A	40	
SOUTHBOUND MM 113.747 RT		1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 113.740 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3L OM-3R REMOVE SIGN ON OPPOSITE SIDE OF BRIDGE		SHS SHS
					SF 44.67	SF 195.75	EA.	SF				FT	FT	FT	FT 8	FT 54.75	FT 30		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA. 2	EA.	LB. 860					
												FT			FT 92.75					LB															

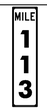
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 13

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI3.I
PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 106 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 113.510 RT		1	48	48	16.00						2						X	X																W4-IR		SHS
SOUTHBOUND MM 113.400 RT		1	36	12	3.00						2					X		X																R6-IR		SHS
SOUTHBOUND MM 113.310 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 113.300 RT		1	48	36	12.00						2						X	X																R8-7		SHS
SOUTHBOUND MM 113.222 RT		1	6	10	0.42						1				X			X																VD-701		E-134
SOUTHBOUND MM 113.200 RT		1 1	30 36	15 36	3.12 9.00						2						X	X																M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE MI-1 MI-1		SHS SHS
SOUTHBOUND MM 113.100 RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	E-153B
SOUTHBOUND MM 113.000 RT		1 1	48 48	60 48	20.00 16.00						2												2		X									R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
SOUTHBOUND MM 113.000 RT		1	12	48	4.00						1					X		X																D10-3		SHS
SOUTHBOUND MM 112.469 RT		1	120	42		35.00					2																	2		280	W6x9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	32	
					SF 111.54	SF 35.00	EA.	SF			FT	FT	FT	FT 8	FT 69.75	FT 120		EA	LB	LB	LB		LB	LB 270	LB	LB	EA. 2	EA.	LB. 280					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

FT 197.75 | LB 270

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 14

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI4.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 107 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
SOUTHBOUND MM 112.220 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4												4	X									VR-132	47	
SOUTHBOUND MM 112.110 RT	ENTERING TOWN OF FAIRFAX	1	42	30	8.75						2					X		X															1-2		E-131
SOUTHBOUND MM 112.000 RT	MILE 1 1 2	1	12	48	4.00						1					X		X															D10-3		SHS
SOUTHBOUND MM 111.770 RT	REST AREA 1 MILE	1	120	60		50.00					2																		2		500	W6X12		D5-1A FUSE PLATE BOLT TENSION = 12.0 KIPS		SHS
	NEXT FACILITY 29 MILES	1	102	48		34.00																											VD-70	40	
	WI-FI	1	36	36			X																											VD-102 SALVAGE EXISTING SIGN HERE AND INSTALL AT MM 111.055 RT		
SOUTHBOUND MM 111.510 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 111.325 LT	BRIDGE 875 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 111.320 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3L OM-3R		SHS SHS
																	8																		
					SF 68.17	SF 84.00	EA. 1	SF			FT	FT	FT	FT 8	FT 99.75	FT 107.75		EA	LB	LB	LB	EA. 4	LB 456	LB	LB	LB	EA. 2	EA.	LB. 500					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 15

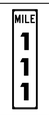
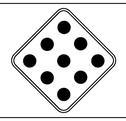
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI5.I

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 108 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
SOUTHBOUND MM 111.150 LT		1	36	36	9.00						2					X		X																R3-4		SHS
SOUTHBOUND MM 111.055 RT		1	120	60		50.00					2																	2		260	W6X9		D5-1B FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE. NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.		SHS
		1	36	36																													VD-102 SALVAGE FROM 111.770 RT AND INSTALL HERE		
SOUTHBOUND MM 111.000 RT		1	12	48	4.00						1					X		X																D10-3		SHS
SOUTHBOUND MM 110.972 RT		1	18	18	2.25						1					X		X																0M1-1		SHS
SOUTHBOUND MM 110.969 RT		1	78	78		42.25					2												2		X								D5-2B	40	
SOUTHBOUND MM 110.909 RT		1	42	30	8.75						2					X		X																I-2		E-131
SOUTHBOUND MM 110.860 RT		1	48	48	16.00						2						X	X																W4-1R		SHS
SOUTHBOUND MM 110.819 LT		1	36	12	3.00						2					X		X																R6-1R		SHS
					SF 43.00	SF 92.25	EA.	SF				FT	FT	FT	FT	FT 114.75	FT 30		EA	LB	LB	LB	EA. 2	LB	LB 270	LB	LB	EA. 2	EA.	LB. 260					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 16

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI6.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 109 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 110.000 RT	MILE 110	1	12	48	4.00						1					X		X															DIO-3		SHS
SOUTHBOUND MM 109.211 RT	BRIDGE 86-3S I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 109.000 RT	MILE 109	1	12	48	4.00						1					X		X															DIO-3		SHS
SOUTHBOUND MM 108.000 RT	MILE 108	1	12	48	4.00						1					X		X															DIO-3		SHS
SOUTHBOUND MM 107.920 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 107.900 RT	EXIT 18	1	96	30	20.00						2																	2		1010	W8x21		EI-5 FUSE PLATE BOLT TENSION = 24.4 KIPS	31	
	7 TO VERMONT 104A Milton Fairfax 1 MILE	1	168	150		175.00																											EI-2	31	
SOUTHBOUND MM 107.770 RT	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2						X	X															W8-13		SHS
SOUTHBOUND MM 107.600 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 107.482 RT	BRIDGE 86S I-89	1	6	10	0.42						1				X			X															VD-701		E-134
					SF 66.84	SF 175.00	EA.	SF			FT	FT	FT	FT 16	FT 89.25	FT 30		EA	LB	LB	LB		LB	LB	LB	LB	EA. 2	EA.	LB. 1010					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

FT 135.25

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 17

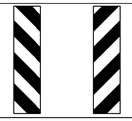
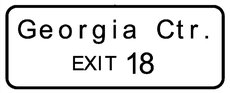
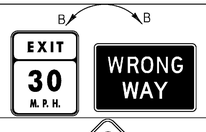
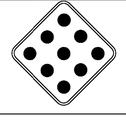
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI7.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 110 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 107.480 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																	OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 107.200 RT		1	156	60		65.00					2																	2		420	W6x12		E3-1 FUSE PLATE BOLT TENSION = 12.0 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2.	31	
		1	108	54		40.50																											E2-1A	40	
SOUTHBOUND MM 107.199 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 107.050 RT		1	96	30	20.00						2																	2		970	W8X21		E1-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	31	
		1	174	126		152.25																											E1-1	31	
		1 1 1 1	30 30 30 30	30 ~~8~~ 10 30 ~~8~~ 10	6.25 ~~1.67~~ 2.08 6.25 ~~1.67~~ 2.08																												D9-11 D9-20A D9-3 VD-543A		SHS SHS SHS E-132
SOUTHBOUND MM 107.000 RT		1	12	48	4.00						1					X		X															D10-3		SHS
SOUTHBOUND MM 106.900 RT		1 1	36 42	48 30	12.00 8.75						2						X	X															W13-2 R5-1A		SHS SHS
SOUTHBOUND MM 106.783 RT		1	18	18	~~4.50~~ 2.25						1					X		X															OM1-1		SHS
												FT	FT	FT	FT	FT 84.75	FT 30		EA	LB	LB	LB		LB	LB	LB	LB								
					SF ~~80.09~~ 77.84	SF 257.75	EA.	SF				FT			FT 114.75					LB			EA.	LB				EA. 4	EA.	LB. 1390					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

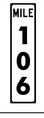
SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 18

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI8.T
PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 111 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 106.780 RT		1	72	60		30.00					2												2	X										E5-1A	40	
SOUTHBOUND MM 106.690 RT		1	48	48	16.00						2						X	X																W4-1R		SHS
SOUTHBOUND MM 106.590 LT		1	36	12	3.00						2					X		X															R6-1R		SHS
SOUTHBOUND MM 106.549 RT		1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 106.370 RT		1	48	36	12.00						2						X	X															R8-7		SHS
SOUTHBOUND MM 106.270 RT		1 1	30 36	15 36	3.12 9.00						2						X	X															M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE MI-1 MI-1		SHS SHS
SOUTHBOUND MM 106.170 RT		1 1	48 24	48 18	16.00 3.00						2						X	X															VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	 E-153B
SOUTHBOUND MM 106.070 RT		1 1	48 48	60 48	20.00 16.00						2												2		X								R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
SOUTHBOUND MM 106.000 RT		1	12	48	4.00						1					X		X															D10-3		SHS
SOUTHBOUND MM 105.850 RT		1	114	42		33.25					2																	2		270	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS	30	
					SF 102.54	SF 63.25	EA.	SF			FT	FT	FT	FT 8	FT 39.75	FT 120		EA	LB	LB	LB	EA 4	LB 228	LB 270	LB	LB	EA. 2	EA.	LB. 270					
																167.75							498											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 19

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBI9.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 112 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	OPTION ITEMS																																				
SOUTHBOUND MM 105.630 RT	BRIDGE 84S I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 105.625 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X														OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 105.550 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4												4	X								VR-132	47	
SOUTHBOUND MM 105.369 RT	BRIDGE 83-1S I-89	1	6	10	0.42						1				X			X														VD-701		E-134
SOUTHBOUND MM 105.030 RT	ENTERING TOWN OF MILTON	1	48	42	14.00						2						X	X														I-2		E-131
SOUTHBOUND MM 105.000 RT	MILE 105	1	12	48	4.00						1					X		X														DIO-3		SHS
SOUTHBOUND MM 104.000 RT	MILE 104	1	12	48	4.00						1					X		X														DIO-3		SHS
SOUTHBOUND MM 103.560 LT		1	36	36	9.00						2					X		X														R3-4		SHS
SOUTHBOUND MM 103.536 RT	BRIDGE 82-1S I-89	1	6	10	0.42						1				X			X														VD-701		E-134
SOUTHBOUND MM 103.260 RT	BRIDGE 82 I-89	1	6	10	0.42						1				X			X														VD-701		E-134
					SF 78.68	SF	EA.	SF				FT	FT	FT	FT 32	FT 79.5	FT 30		EA	LB	LB	LB	EA. 4	LB 456	LB	LB	LB	EA.	EA.	LB.					
												FT			FT 141.50					LB															

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 20

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB20.1

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 113 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 103.000 RT	MILE 103	1	12	48	4.00						1					X		X															DIO-3		SHS
SOUTHBOUND MM 102.000 RT	MILE 102	1	12	48	4.00						1					X		X															DIO-3		SHS
SOUTHBOUND MM 101.900 RT	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2						X	X															W8-13		SHS
SOUTHBOUND MM 101.760 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 101.660 RT	LAMOILLE RIVER	1	36	24	6.00						2					X		X															I-3		E-131
SOUTHBOUND MM 101.659 RT	BRIDGE 81S I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 101.658 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 101.130 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 101.031 RT	BRIDGE 80 I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 101.000 RT	MILE 101	1	12	48	4.00						1					X		X															DIO-3		SHS
					SF 58.84	SF	EA.	SF				FT	FT	FT	FT 16	FT 149.25	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB.					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 21

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB21.i

PLOT DATE: 8/20/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 114 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMMED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 100.000 RT	MILE 100	1	12	48	4.00						1					X		X																DIO-3		SHS
SOUTHBOUND MM 99.000 RT	MILE 99	1	12	36	3.00						1					X		X																DIO-2		SHS
SOUTHBOUND MM 98.940 RT	EXIT 17	1	96	30	20.00						~~4~~ 3																		3		1530	W8X21		EI-5 FUSE PLATE BOLT TENSION = 34.5 KIPS	30	
	2 7 Lake Champlain Islands Colchester 1 MILE	1	360	156		390.00																												EI-2	30	
SOUTHBOUND MM 98.770 RT	New York State via Ferry or Bridge EXIT 17	1	240	84		140.00					2																		2		570	W6x15		E3-1 FUSE PLATE BOLT TENSION = 19.2 KIPS	28	
SOUTHBOUND MM 98.630 RT	MOOSE NEXT 1 MILE	1 1	48 24	48 18	16.00 3.00						2						X	X																VW-001 MOUNT VW-001 ABOVE W7-3A W7-3A	46	SHS
SOUTHBOUND MM 98.470 RT	ENTERING TOWN OF COLCHESTER	1	42	30	8.75						2					X		X																I-2		E-131
SOUTHBOUND MM 98.440 RT	EXIT 17	1	96	30	20.00						4																		4		2570	W10X26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	29	
	2 7 Lake Champlain Islands Colchester ½ MILE	1	360	150		375.00																												EI-2	29	
	NEXT EXIT 6 MILES	1	162	30		33.75																												E2-1	40	
					SF 74.75	SF 938.75	EA.	SF				FT	FT	FT	FT	FT 49.5	FT 30		EA	LB	LB	LB	EA	LB	LB	LB	LB	EA. 9	EA.	LB. 4670					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

FT 79.5 | LB | LB

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 22

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB22.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 115 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND MM 98.290 RT	24 HOUR / SEASONAL / NEXT RIGHT	1	144	144		144.00																						2		710	W6X15		D9-18 (MODIFIED) D9-7, D9-20A; D9-11; D9-8; D9-1; D9-3, VD-543A FUSE PLATE BOLT TENSION = 23.4 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	39	SHS, SHS; SHS; SHS; SHS; SHS, E-132
SOUTHBOUND MM 98.140 RT	EXIT 17	1	96	30	20.00						4																	4		2600	W10x26		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	29	
	2 7 Lake Champlain Islands Colchester ↗	1	408	132		374.00																											EI-1	29	
	WRONG WAY	1	42	30	8.75																												R5-1A MOUNT ON BACK OF EXIT DIRECTIONAL SIGN		SHS
	PARK & RIDE	1	36	42	10.50																												D4-2 (MODIFIED)	37	
SOUTHBOUND MM 98.000 RT	MILE 9 8	1	12	36	3.00						1					X		X															DI0-2		SHS
SOUTHBOUND MM 97.993 RT		1	18	18	2.25						1					X		X															OMI-1		SHS
SOUTHBOUND MM 97.990 RT	EXIT 17 ↗	1	72	60		30.00					2																	2	X				E5-1A	40	
SOUTHBOUND MM 97.873 RT	BRIDGE 79 I-89	1	6	10	0.42						1					X		X															VD-701		E-134
					SF 44.92	SF 548.00	EA.	SF				FT	FT	FT	FT 8	FT 24.75	FT		EA	LB	LB	LB		LB 228	LB	LB	LB	EA. 6	EA.	LB. 3310					
												FT			FT 32.75					LB			EA. 2		LB 228									

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 23

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB23.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 116 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
SOUTHBOUND MM 97.760 RT		1	48	48	16.00						2						X	X															W4-IR		SHS
SOUTHBOUND MM 97.690 RT		1	36	12	3.00						2					X		X															R6-IR		SHS
SOUTHBOUND MM 97.510 RT		1	48	36	12.00						2						X	X															R8-7		SHS
SOUTHBOUND MM 97.480 LT		1	36	36	9.00						2					X		X															R3-4		SHS
SOUTHBOUND MM 97.410 RT		1 1	30 36	15 36	3.12 9.00						2						X	X															M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE MI-1 MI-1		SHS SHS
SOUTHBOUND MM 97.310 RT		1 1	48 24	48 18	16.00 3.00						2						X	X															VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	E-153B
SOUTHBOUND MM 97.210 RT		1 1	48 48	60 48	20.00 16.00						2												2		X								R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142
SOUTHBOUND MM 97.000 RT		1	12	36	3.00						1					X		X															D10-2		SHS
SOUTHBOUND MM 96.980 RT		1	114	42		33.25					2																		2		260	W6X9		D2-2 FUSE PLATE BOLT TENSION = 12.0 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2. NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	27	
SOUTHBOUND MM 96.760 RT		1	48	48	16.00						2						X	X															VW-285	46	
					SF 126.12	SF 33.25	EA.	SF				FT	FT	FT	FT	FT 69.75	FT 150		EA	LB	LB	LB		LB	LB 270	LB	LB	EA. 2	EA.	LB. 260					
															FT 219.75					LB			EA. 2		LB 270									

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 24

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB24.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 117 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 96.730 LT & RT	KEEP RIGHT EXCEPT TO PASS	2	48	60	40.00						4												4	X										VR-132		
SOUTHBOUND MM 96.600 RT	WEIGH STATION 1 MILE	1	96	72		48.00					2																	2		260	W6X9		D8-1 FUSE PLATE BOLT TENSION = 12.0 KIPS NEED SPECIAL 8' W-SHAPE FOOTING. SEE CROSS SECTION AND DETAIL ON SHEET 2. NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.		SHS
SOUTHBOUND MM 96.580 RT	BRIDGE 77S I-89	1	6	10	0.42						1				X			X															VD-701		E-134
SOUTHBOUND MM 96.570 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X															OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 96.460 RT	WEIGH STATION NEXT RIGHT OPEN CLOSED	1	108	90		67.5					2																	2		440	W6X12		D8-2 WITH HINGED PANEL FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	41	
SOUTHBOUND MM 96.000 RT	MILE 96	1	12	36	3.00						1					X		X															DIO-2		SHS
SOUTHBOUND MM 95.750 RT	EMERGENCY VEHICLES	1	48	48	16.00						2						X	X															VW-544		E-154
	1500 FEET	1	30	24	3.00																												W16-2		SHS
SOUTHBOUND MM 95.700 RT	ALL TRUCKS NEXT RIGHT	1	120	48		40.00					2																	2		310	W6X9		VR-178R FUSE PLATE BOLT TENSION = 12.0 KIPS NEW SIGN LOCATION. MAY REQUIRE THINNING AND TRIMMING FOR SIGNS (ITEM 201.31) TO PROVIDE SIGHT DISTANCE.	40	
												FT	FT	FT	FT 8	FT 39.75	FT 30		EA	LB	LB	LB		LB 456	LB	LB	LB								
					SF 68.42	SF 155.50	EA.	SF				FT			FT 77.75					LB			EA. 4		LB 456			EA. 6	EA.	LB. 1010					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 25

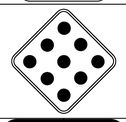
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB25.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 95.605 RT																																	REMOVE EXISTING SIGN (WI3-3)		
SOUTHBOUND MM 95.603 RT		1	18	18	2.25						1					X			X														OMI-1		SHS
SOUTHBOUND MM 95.600 RT		1	84	78		45.50					2												2		X								D8-3		SHS
SOUTHBOUND MM 95.570 RT		1	48	48	16.00						2						X		X														W4-IR		SHS
SOUTHBOUND MM 95.520 LT		1	36	12	3.00						2					X			X														R6-1R		SHS
SOUTHBOUND MM 95.313 RT		1	6	10	0.42						1				X				X														VD-701		E-134
SOUTHBOUND MM 95.310 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X			X X														OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 95.200 RT		1	36	36	9.00						2					X			X														R3-4		SHS
SOUTHBOUND MM 95.000 RT		1	12	36	3.00						1					X			X														D10-2		SHS
SOUTHBOUND MM 95.000 RT		1	48	48	16.00						2						X		X														VD-123	41	
					SF 55.67	SF 45.50	EA.	SF				FT	FT	FT	FT 8	FT 114.75	FT 60		EA	LB	LB	LB	EA 2	LB	LB 270	LB	LB	EA.	EA.	LB.					
												FT			FT 182.75					LB															

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 26

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB26.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 119 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 94.000 RT	MILE 9 4	1	12	36	3.00						1					X		X																DIO-2		SHS
SOUTHBOUND MM 93.623 RT	BRIDGE 75-1S I-89	1	6	10	0.42						1				X			X																VD-701		E-134
SOUTHBOUND MM 93.000 RT	MILE 9 3	1	12	36	3.00						1					X		X																DIO-2		SHS
SOUTHBOUND MM 92.900 RT	EXIT 16	1	96	30	20.00						2																		2	1575	WI2X30		EI-5 FUSE PLATE BOLT TENSION = 28.4 KIPS	27	
	2 7 TO DESERT 15 Winooski Colchester 1 MILE	1	222	174		268.25																												EI-2	27	
SOUTHBOUND MM 92.750 RT	Essex Jct. Champlain Valley Expo. EXIT 16	1	288	84		168.00					3																		3		820	W6x15		E3-1 FUSE PLATE BOLT TENSION = 19.2 KIPS	26	
SOUTHBOUND MM 92.400 RT	SERVICES NEXT 4 EXITS	1	102	36		25.5					2																		2		240	W6X9		VD-066 FUSE PLATE BOLT TENSION = 12.0 KIPS	40	
SOUTHBOUND MM 92.350 LT&RT	SPEED LIMIT 55	2	48	48	32.00						4						X	X																W3-5		SHS
SOUTHBOUND MM 92.000 RT	MILE 9 2	1	12	36	3.00						1					X		X																DIO-2		SHS
SOUTHBOUND MM 91.910 LT&RT	SPEED LIMIT 55 MINIMUM 40	2 2	48 48	60 48	40.00 32.00						4													4			X							R2-1 VR-141 MOUNT R2-1 ABOVE VR-141		SHS E-142
					SF 133.42	SF 461.75	EA.	SF				FT	FT	FT	FT 8	FT 29.25	FT 60		EA	LB	LB	LB	EA. 4	LB	LB 540	LB	LB	EA. 5	EA. 2	LB. 2635					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

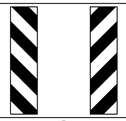
SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 27

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB27.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 120 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 91.885 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
SOUTHBOUND MM 91.830 RT		1	96	30	20.00						2																			3		1110	W8x18		EI-5 FUSE PLATE BOLT TENSION = 23.4 KIPS	26	
		1	270	144		270.00																												EI-1 EXISTING GSS PLAQUES TO BE REMOVED	26	
SOUTHBOUND MM 91.505 RT		1	6	10	0.42						1				X			X																	VD-701		E-134
SOUTHBOUND MM 91.500 LT & RT		1 1	12 12	36 36	3.00 3.00						1 1					X X		X X																	OM-3L OM-3R		SHS SHS
SOUTHBOUND MM 91.430 RT		1	48	48	16.00						2						X	X																	W4-1R		SHS
SOUTHBOUND MM 91.360 LT		1	36	12	3.00						2					X		X																	R6-1R		SHS
SOUTHBOUND MM 91.190 LT		1	36	36	9.00						2					X		X																	R3-4		SHS
SOUTHBOUND MM 91.160 RT		1	48	36	12.00						2						X	X																	R8-7		SHS
SOUTHBOUND MM 91.060 RT		1 1	30 36	15 36	3.12 9.00						2						X	X																	M3-3 WHITE ON BLUE MOUNT M3-3 ABOVE M1-1 M1-1		SHS SHS
												FT	FT	FT	FT 8	FT 120	FT 90		EA	LB	LB	LB		LB	LB	LB	LB								
					SF 87.54	SF 270.00	EA.	SF				FT			FT 218					LB			EA.	LB				EA. 3	EA.	LB. 1110					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 28

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB28.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 121 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.88 (1.75)	2.42 (2.0)	3.35 (2.5)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 1.3 (3.0)	1.7 (4.0)	1.7 (4.0 MOD)	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 7.6 (3.0)	9.0 (3.5)	10.8 (4.0)	14.6 (5.0)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND MM 91.000 RT		1	12	36	3.00						1					X		X																DIO-2		SHS
SOUTHBOUND MM 90.960 RT		1 1	48 24	48 18	16.00 3.00						2						X	X																VW-397 MOUNT VW-397 ABOVE VP-396 VP-396	46	 E-153B
SOUTHBOUND MM 90.910 RT		1	42	30	8.75						2					X		X																I-2		E-131
SOUTHBOUND MM 90.890 LT & RT		2 2	48 48	60 48	40.00 32.00						4												4		X									R2-1 MOUNT R2-1 ABOVE VR-141 VR-141		SHS E-142

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

	SF	SF	EA.	SF		FT	FT	FT	FT	FT 39.75	FT 30		EA	LB	LB	LB		LB	LB 540	LB	LB	EA.	EA.	LB.
	102.75									69.75							4		540					

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 29

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB29.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 122 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAMEMENT REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
												OPTION ITEMS																							
SHEET 94					78.92	221									8	75	60						0	0	0			3	0	1140				
SHEET 95					147.12	30									0	69.75	120						6	228	540			0	0	0				
SHEET 96					114.84	33.25									16	129.75	0						6	456	270			2	0	290				
SHEET 97					63.25	299.25									0	59.25	30						0	0	0			5	0	1950				
SHEET 98					55.25	451.75									0	54.75	0						0	0	0			6	0	3190				
SHEET 99					59.96	30									16	99.75	90						2	228	0			0	0	0				
SHEET 100					139.42	35									8	129.75	30						6	456	270			2	0	270				
SHEET 101					47.42	201.75									8	89.25	0						0	0	0			4	0	1050				
SHEET 102					61.75	483									0	69.75	0						0	0	0			6	0	2780				
SHEET 103					69.79	30									8	135	90						2	228	0			0	0	0				
SHEET 104					118.84	0									16	79.5	30						6	456	270			0	0	0				
SHEET 105					53.00	503.25									0	39.75	0						0	0	0			6	0	2665				
SHEET 106					44.67	195.75									8	54.75	30						2	228	0			2	0	860				
SHEET 107					111.54	35									8	69.75	120						2	0	270			2	0	280				
SHEET 108					68.17	84	1								8	99.75	0						4	456	0			2	0	500				
SHEET 109					43.00	92.25									0	114.75	30						2	0	270			2	0	260				
SHEET 110					66.84	175									16	89.25	30						0	0	0			2	0	1010				
SHEET 111					77.83 ~~80.09~~	257.75									0	84.75	30						0	0	0			4	0	1390				
SHEET 112					102.54	63.25									8	39.75	120						4	228	270			2	0	270				
SHEET 113					78.68	0									32	79.5	30						4	456	0			0	0	0				
SHEET 114					58.84	0									16	149.25	30						0	0	0			0	0	0				
SHEET 115					74.75	938.75									0	49.5	30						0	0	0			9	0	4670				
SHEET 116					44.92	548									8	24.75	0						2	228	0			6	0	3310				
SHEET 117					126.12	33.25									0	69.75	150						2	0	270			2	0	260				
SHEET 118					70.42 ~~68.42~~	155.5									8	39.75	30						4	456	0			6	0	1010				
SHEET 119					55.67	45.50									8	114.75	60						2	0	270			0	0	0				
SHEET 120					133.42	461.75									8	29.25	60						4	0	540			5	2	2635				
SHEET 121					87.54	270									8	120	90						0	0	0			3	0	1110				
SHEET 122					102.75	0									0	39.75	30						4	0	540			0	0	0				
					SUBTOTAL		2357.52	5674.00				FT	FT	FT	FT 216	FT 2300.25	FT 1320		EA	LB	LB	LB	64	LB 4104	LB 3780	LB	LB							
					ROUNDING		SF 2357.52	SF 5674.00	EA. 1	SF		FT			FT 3836.25					LB			EA. 64	LB 7884				EA. 81	EA. 2	LB. 30900				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND TRAFFIC SIGN SUMMARY SHEET 30

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSB30.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 123 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 16 ROOSEVELT HIGHWAY US ROUTE 2 / US ROUTE 7 MM. 0.205 RT (US ROUTE 7)	WEST 2 NORTH 7 Colchester	1	144	90		90.00																								225	6XI5		MOUNT ON BRIDGE	42	
EXIT 16 ROOSEVELT HIGHWAY US ROUTE 2 / US ROUTE 7 MM. 0.205 RT (US ROUTE 7)	89 NORTH	1	102	72		51.00																											MOUNT ON BRIDGE	42	
EXIT 16 ROOSEVELT HIGHWAY US ROUTE 2 / US ROUTE 7 MM. 0.230 LT (US ROUTE 7)	EAST 2 SOUTH 7 Winooski	1	144	90		90.00																								225	6XI5		MOUNT ON BRIDGE	42	
EXIT 16 ROOSEVELT HIGHWAY US ROUTE 2 / US ROUTE 7 MM. 0.230 LT (US ROUTE 7)	89 SOUTH	1	102	72		51.00																											MOUNT ON BRIDGE	42	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".			SF	SF 282.00	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB 450							

INTERCHANGE 16 TRAFFIC SIGN SUMMARY SHEET 1

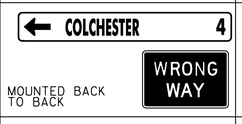
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS16-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 126 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 RAMP A MM. 0.030 RT		1	36	36	9.00						2					X		X																W4-1R		SHS
EXIT 17 RAMP A MM. 0.136 RT		1	36	36	9.00						2						X	X																VR-002		E-142
		1	36	36	9.00																													VR-046		E-142
EXIT 17 RAMP A MM. 0.185 RT		1	36	36	9.00						2					X		X																R3-2		SHS
EXIT 17 RAMP A MM. 0.327 RT		1	6	8	0.33						1					X		X																VD-700M	47	
EXIT 17 RAMP B MM. 0.000 RT		1	6	8	0.33						1					X		X																VD-700M	47	
EXIT 17 RAMP B MM. 0.110 RT		1	72	12	6.00						2												2	X										DI-1		E-123
	 MOUNTED BACK TO BACK						1 1																													
							1																													
					SF 42.66	SF	EA. 3	SF				FT	FT	FT	FT 16	FT 60	FT 30		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						
												FT			FT 106					LB			EA. 2	LB 228				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERHCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 127 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
	NY STATE VIA FERRY OR BRIDGE →						1																													
	← SERVICES	1	72	10	5.00																												VD-502S	49	
	← 4 CAMPING 6 →	1	72	10	5.00																												VD-502C	49	
EXIT 17 RAMP C MM. 0.282 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 17 RAMP C MM. ~~0.150~~ 0.308 RT	17C 0.308 98.114	1	6	8	0.33						1				X			X															VD-700M	47	
RAMP D 0.000 EXIT 17 RAMP D MM. 0.055 LT	17D 0.000 97.885	1	24	30	5.00						1					X		X															W1-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 17 RAMP D MM. 0.071 LT		1	24	30	5.00						1					X		X															W1-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 17 RAMP D MM. 0.085 LT		1	24	30	5.00						1					X		X															W1-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 17 RAMP D MM. 0.101 LT		1	24	30	5.00						1					X		X															W1-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 17 RAMP D MM. 0.115 LT		1	24	30	5.00						1					X		X															W1-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
					SF 44.33	SF	EA. 1	SF				FT	FT	FT	FT 8	FT 105	FT 113		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 2

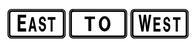
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-2.T

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 128 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 RAMP D MM. 0.130 LT		1	24	30	5.00						1					X		X																WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 17 RAMP D MM. 0.145 LT		1	24	30	5.00						1					X		X																WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 17 RAMP D MM. 0.145 RT		1	36	36	9.00						2					X		X																W3-3		SHS
EXIT 17 RAMP D MM. 0.195 RT		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2							X			X											#3	M3-2 BLACK ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-4 BLACK ON WHITE		SHS SHS SHS
		1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												MI-4 MI-4 MI-4		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M5-1 BLACK ON WHITE M5-1 BLACK ON WHITE M6-2 BLACK ON WHITE		SHS SHS SHS
EXIT 17 RAMP D MM. .231RT		1	36	24	6.00						2					X		X																R5-1A		SHS
EXIT 17 RAMP D MM. 0.246 LT		1	72	12	6.00						2												2		X								DI-1		E-123
		1	72	12	6.00																												DI-1A		E-123
					SF 61.57	SF	EA.	SF				FT	FT	FT	FT	FT 90	FT		EA	LB	LB	LB 51	EA. 2	LB	LB 270	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-3.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 129 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
	MILTON 5	1	72	12	6.00																													DI-1A		E-123
	CHAMPLAIN ISLANDS	1	72	12	6.00																													DI-1		E-123
	NY STATE VIA BRIDGE OR FERRY	1	72	12	6.00																													DI-1	45	
	SERVICES	1	72	10	5.00																													VD-502S	49	
	4 CAMPING 6	1	72	10	5.00																													VS-502C	49	
EXIT 17 RAMP D MM. 0.255 RT		1	36	36	9.00						2					X		X															W3-2		SHS
EXIT 17 RAMP D MM. 0.290 LT	YIELD DO NOT ENTER MOUNTED BACK TO BACK	1 1	36 36	36 36	4.50 9.00						2					X		X															RI-2 R5-1		SHS SHS
EXIT 17 RAMP D MM. 0.290 RT	YIELD DO NOT ENTER MOUNTED BACK TO BACK	1 1	36 36	36 36	4.50 9.00						2					X		X															RI-2 R5-1		SHS SHS
					SF 64.00	SF	EA.	SF				FT	FT	FT	FT	FT 90	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
															FT 90					LB		EA.		LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 130 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 RAMP D MM. 0.300 RT		1	30	30	6.25						1					X		X																WII-1		SHS
		1	18	24	3.00																													WI6-1		SHS
EXIT 17 RAMP E MM. 0.015 LT		1	36	24	6.00						2					X		X																R5-1A		SHS
EXIT 17 RAMP E MM. 0.045 LT		1	24	36	6.00						1					X		X																R10-6 (RIGHT DOWN ARROW)		SHS
EXIT 17 RAMP E MM. 0.045 RT		1	24	36	6.00						1					X		X																R10-6 (LEFT DOWN ARROW)		SHS
EXIT 17 RAMP F MM. 0.083 RT		1	36	36	9.00						2					X		X																R3-2		SHS
EXIT 17 US ROUTE 2 MM. 1.701 RT		1	180	144		180.00					2																			2		1000	8X21		FUSE PLATE BOLT TENSION = 28.4 KIPS	43	
EXIT 17 US ROUTE 2 MM. 1.721 RT		1	24	30	5.00						1					X		X																R2-1		SHS
					SF 41.25	SF 180.00	EA.	SF				FT	FT	FT	FT	FT 120	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA. 2	EA.	LB 1000					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-5.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 131 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 17 US ROUTE 2 MM. 1.755 RT	EAST NORTH SOUTH	1	24	12	2.00						2												2	X								#3	M3-2 BLACK ON WHITE SIGN FRAME REQUIRED		SHS
		1	24	12	2.00																												M3-1 WHITE ON BLUE		SHS
		1	24	12	2.00																												M3-3 WHITE ON BLUE		SHS
	2 INTERSTATE 89 INTERSTATE 89	1	24	24	4.00																												MI-4		SHS
		1	24	24	4.00																												MI-1		SHS
		1	24	24	4.00																												MI-1		SHS
		1	21	15	2.19																												M6-3 BLACK ON WHITE		SHS
		1	21	15	2.19																												M6-3 WHITE ON BLUE		SHS
		1	21	15	2.19																												M6-1 WHITE ON BLUE		SHS
EXIT 17 US ROUTE 2 MM. 1.734 LT	ALL TURNS	1	30	36	7.50						1					X		X															VR-284	46	
EXIT 17 US ROUTE 2 MM. 1.744 LT	ALL TURNS	1	30	30	6.25						1					X		X															VR-921 (MODIFIED)	47	
EXIT 17 US ROUTE 2 MM. 1.805 RT		1	36	36	9.00						2					X		X															W3-3		SHS
EXIT 17 US ROUTE 2 MM. 1.800 LT	JASPER MINE RD	1	72	12	6.00						2					X		X															DI-1	45	
	0020 0405 0180	1	6	10	0.42																												VD-700		E-138
EXIT 17 US ROUTE 2 MM. 1.815 RT	89 SOUTH Winooski Burlington	1	222	126		194.25					2												2								1420	10X26		FUSE PLATE BOLT TENSION = 28.4 KIPS	43	
					SF 53.74	SF 194.25	EA.	SF				FT	FT	FT	FT	FT 90	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA. 2	EA.	LB 1420					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-6.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 132 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 US ROUTE 2 MM. 1.845 LT	ALL TURNS RIGHT LANE	1	24	30	5.00						1					X		X																VR-428		
EXIT 17 US ROUTE 2 MM. 1.882 RT		1	18	18	2.25						1					X		X																OMI-1		SHS
EXIT 17 US ROUTE 2 MM. 1.895 LT	CHAMPLAIN ISLANDS						1				2												2	X											
	NY STATE VIA BRIDGE OR FERRY						1																												
	CANADA VIA US 2						1																												
	WEST	1	24	12	2.00																												M3-4 BLACK ON WHITE		SHS
	2	1	24	24	4.00																												MI-4		SHS
					SF 13.25	SF	EA. 3	SF				FT	FT	FT	FT	FT 30	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-7.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 133 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 US ROUTE 2 MM. 1.935 ~~LT~~ RT	SOUTH	1	24	12	2.00						1					X		X															M3-3 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																											MI-1		SHS
		1	21	15	2.19																											M6-IL WHITE ON BLUE		SHS
EXIT 17 US ROUTE 2 MM. 1.950 LT	SOUTH	1	24	12	2.00						1					X		X															M3-3 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																											MI-1		SHS
		1	21	15	2.19																											M6-IL WHITE ON BLUE		SHS
EXIT 17 US ROUTE 2 MM. 1.950 RT	EAST TO WEST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-2 BLACK ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-4 BLACK ON WHITE		SHS SHS SHS
	272	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																											MI-4 MI-4 MI-4		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																											M6-IL BLACK ON WHITE M6-IL BLACK ON WHITE M6-IR BLACK ON WHITE		SHS SHS SHS
					SF 40.95	SF	EA.	SF				FT	FT	FT	FT	FT 30	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-8.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 134 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGN FRAME	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 US ROUTE 2 MM. 1.954 LT	← 89 SOUTH Winooski Burlington	1	198	126		173.25					2																	2		1000	8X21		FUSE PLATE BOLT TENSION = 28.4 KIPS	43	
EXIT 17 US ROUTE 2 MM. 1.955 RT	JCT	1	21	15	2.19						1					X		X															M2-1 BLACK ON WHITE		SHS
	7	1	24	24	4.00						1																						MI-4		SHS
EXIT 17 US ROUTE 2 MM. 1.955 LT	LEFT LANE MUST TURN LEFT	1	30	30	6.25						1					X		X															R3-7L		SHS
EXIT 17 US ROUTE 2 MM. 1.970 LT	ONLY	1	30	30	6.25						1					X		X															VR-92IL		E-145A
EXIT 17 US ROUTE 2 MM. 1.970 RT		1	36	36	9.00						2						X	X															WII-1		SHS
	SHARE THE ROAD	1	18	24	3.00																												WI6-1		SHS
	0020 0405 0197	1	6	10	0.42																												VD-700		E-138
					SF 31.11	SF 173.25	EA.	SF				FT	FT	FT	FT	FT 45	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA. 2	EA.	LB 1000					
												FT			FT 75					LB			EA.	LB										

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-9.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 135 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 17 US ROUTE 2 MM. 2.030 LT	WEST	1	24	12	2.00						1					X		X																M3-4 BLACK ON WHITE		SHS
	2	1	24	24	4.00																												M1-4		SHS
	CHAMPLAIN BIKEWAY	1	12	18	1.50																												VD-503		E-131B
EXIT 17 US ROUTE 2 MM. 2.075 LT		1	36	36	9.00						2					X		X														W4-1R		SHS
EXIT 17 US ROUTE 2 MM. 2.105 RT	← PARK AND RIDE	1	72	12	6.00						2												2		X							DI-1		E-123
	← COLCHESTER 4	1	72	12	6.00																												DI-1A		E-123
	← MILTON 5	1	72	12	6.00																												DI-1A		E-123
	SOUTH HERO 9 →	1	72	12	6.00																												DI-1A		E-123
	EAST TO WEST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																											#3	M3-2 BLACK ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-4 BLACK ON WHITE		SHS SHS SHS
					SF 46.50	SF	EA.	SF				FT	FT	FT	FT	FT 45	FT		EA	LB	LB	LB	EA. 2	LB	LB 270	LB	LB	EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-10.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 136 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
	272	1	24	24	4.00																													MI-4		SHS
		1	24	24	4.00																													MI-4		SHS
		1	24	24	4.00																													MI-4		SHS
	← ← →	1	21	15	2.19																													M6-IL BLACK ON WHITE		SHS
		1	21	15	2.19																													M6-IL BLACK ON WHITE		SHS
		1	21	15	2.19																													M6-IR BLACK ON WHITE		SHS
EXIT 17 US ROUTE 2 MM. 2.120 RT	← 89 NORTH Georgia St. Albans Montreal	1	198	156		214.50					2																				2	1780	12X30		FUSE PLATE BOLT TENSION = 28.4 KIPS	43	
EXIT 17 US ROUTE 2 MM. 2.135 LT	89 NORTH → Georgia St. Albans Montreal	1	198	156		214.50					2																				2	1740	12X30		FUSE PLATE BOLT TENSION = 28.4 KIPS	43	
EXIT 17 US ROUTE 2 MM. 2.133 RT	← PARK AND RIDE	1	72	12	6.00						2							X				X												DI-1		E-123
	← 3 FOOD	1	72	10	5.00																													VD-502F	49	
	← GAS 24 HRS	1	72	10	5.00																													VD-502G	49	
	← PHONE	1	72	10	5.00																													VD-502P	49	
	GAS/DIESEL →	1	72	10	5.00																													VD-502GD	49	
					SF 44.57	SF 429.00	EA.	SF				FT	FT	FT	FT	FT	FT		EA	LB	LB	LB 51	EA.	LB	LB	LB	LB	EA.	EA. 4	LB 3520					
												FT			FT					LB 51			EA.	LB											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 11

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-11.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 137 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
	CAMPING 4 →	1	72	10	5.00																													VD-502C	49	
	CHAMPLAIN BIKEWAY	1	12	18	1.50																													VD-503		E-131B
		1	12	9	0.75																													M7-1		SHS
EXIT 17 US ROUTE 2 MM. 2.148 CTR		1	24	30	5.00						1					X		X															R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 17 US ROUTE 2 MM. 2.150 CTR	ONLY ONLY	1	36	30	7.50						2					X		X																VR-925		E-145A
EXIT 17 US ROUTE 2 MM. 2.18 RT	← MILTON 5	1	72	12	6.00						2												2		X									DI-1A		E-123
	COLCHESTER 4 →	1	72	12	6.00																													DI-1A		E-123
					SF	SF	EA.	SF				FT	FT	FT	FT	FT 45	FT		EA	LB	LB	LB		LB	LB 270	LB	LB								
					36.25							FT			FT 45					LB			EA. 2		LB 270			EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-12.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 138 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
	NORTH EAST SOUTH	1	24	12	2.00																												#3	M3-1 BLACK ON WHITE SIGN FRAME REQUIRED		SHS
		1	24	12	2.00																													M3-2 BLACK ON WHITE		SHS
		1	24	12	2.00																													M3-3 BLACK ON WHITE		SHS
	7 2 7	1	24	24	4.00																													MI-4		SHS
		1	24	24	4.00																													MI-4		SHS
		1	24	24	4.00																													MI-4		SHS
		1	21	15	2.19																													M6-1L BLACK ON WHITE		SHS
		1	21	15	2.19																													M6-1R BLACK ON WHITE		SHS
		1	21	15	2.19																													M6-1R BLACK ON WHITE		SHS
EXIT 17 US ROUTE 2 MM. 2.180 CTR		1	24	30	5.00						1					X		X															R4-7		SHS
	MOUNTED BACK TO BACK	1	18	18	2.25																													OMI-1		SHS
		1	18	18	2.25																													OMI-1		SHS
	MOUNTED BACK TO BACK	1	6	10	0.42																													VD-700		E-138
		1	6	10	0.42																													VD-700		E-138
EXIT 17 US ROUTE 2 MM. 2.170 LT	WEST JCT	1	24	12	2.00						2					X		X															#1	M3-4 BLACK ON WHITE SIGN FRAME REQUIRED		SHS
		1	21	15	2.19																													M2-1 WHITE ON BLUE		SHS
	2 INTERSTATE 89	1	24	24	4.00																													MI-4		SHS
		1	24	24	4.00																													MI-1		SHS
					SF 47.10	SF	EA.	SF				FT	FT	FT	FT	FT 45	FT 45		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 13

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-13.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 139 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
												OPTION ITEMS																									
SHEET 127					42.66		3								16	60	30	8						2	228											
SHEET 128					44.33		1								8	105		7																		
SHEET 129					61.57											90		8					51	2		270								1		
SHEET 130					64.00											90		6																		
SHEET 131					41.25	180.00										120		8													2		1000			
SHEET 132					53.74	194.25										90		6						2	228						2		1420		1	
SHEET 133					13.25		3									30		2						2	228											
SHEET 134					40.95											30		2						2	228										1	
SHEET 135					31.11	173.25										45	30	5													2		1000			
SHEET 136					46.50											45		3						2		270								1		
SHEET 137					44.57	429.00												2					51									4	3520			
SHEET 138					36.25											45		3						2		270										
SHEET 139					47.10											45		3																2		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB
									24	795	60					102		912	810					
	567.28	976.50	7							879				102		14		1722				6	4	6940

INTERCHANGE 17 TRAFFIC SIGN SUMMARY SHEET 14

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI7-14.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 140 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	2.0 / 2.42	2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 / 1.3	4.0 / 1.7	4.0 MOD / 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 / 7.6	3.5 / 9.0	4.0 / 10.8	5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
EXIT 18 RAMP A MM. 0.130 RT IR	MOUNTED BACK TO BACK WRONG WAY / ← GEORGIA CTR. 2	1	72	12	6.00		1				2												2	X										DI-1A		E-123
	MILTON 4 →	1	72	12	6.00																													DI-1A		E-123
	FAIRFAX 6 →	1	72	12	6.00																													DI-1A		E-123
	GAS/DIESEL 24 HRS →	1	72	10	5.00																													VD-502GD	49	
IL 0.130 LT	CAMPING → / WRONG WAY	1	72	10	5.00		1																											VD-502C	49	
EXIT 18 RAMP A MM. 0.160 RT	STOP / DO NOT ENTER — MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2					X		X																RI-1 R5-1		SHS SHS
	ONE WAY / ONE WAY — MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																													R6-1L R6-1R		SHS SHS
EXIT 18 RAMP B MM. 0.094 RT		1	36	36	9.00						2					X		X																R3-2		SHS
EXIT 18 RAMP B MM. ~~0.000~~ RT 0.133	18B 0.133 106.437	1	6	8	0.33						1				X			X																VD-700M	47	
					SF 55.83	SF	EA. 1	SF			FT	FT	FT	FT 8	FT 60	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI8-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 141 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 18 RAMP C MM. 0.000 RT	18C 0.000 106.834	1	6	8	0.33						1				X			X																VD-700M PLACE PLAQUE AT PROPER MAINLINE STATION	47	
EXIT 18 RAMP C MM. 0.270 RT	MOUNTED BACK TO BACK WRONG WAY / ← MILTON 4	1 1					1 1				2													2	X											E-123
	← FAIRFAX 6	1					1																													E-123
	← GEORGIA CTR 2	1					1																													E-123
	← GAS /DIESEL 24 HRS	1	72	10	5.00																												VD-502GD	49	
	← CAMPING	1	72	10	5.00																												VD-502C	49	
EXIT 18 RAMP C MM. 0.225 LT	STOP / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2				X			X																RI-1 R5-1		SHS SHS
	ONE WAY / ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																												R6-1L R6-1R		SHS SHS
EXIT 18 RAMP C MM. 0.225 RT	STOP / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2				X			X																RI-1 R5-1		SHS SHS
	ONE WAY / ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																												R6-1L R6-1R		SHS SHS
					SF 47.33	SF	EA. 4	SF			FT	FT	FT	FT 8	FT 60	FT 68		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS18-2.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 142 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMMED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 18 RAMP D MM. 0.191 RT	18D 0.191 106.628	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 18 US ROUTE 7 MM. ~~2.135~~ CTR 1.125		1	24	30	5.00						1					X		X																R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 18 US ROUTE 7 MM. 1.135 LT		1	24	24	4.00						1					X		X																R8-3A		SHS
EXIT 18 US ROUTE 7 MM. 1.155 LT	ONLY	1	24	30	5.00						1					X		X																VR-92IL		E-145A
EXIT 18 US ROUTE 7 MM. ~~1.205~~ RT 1.180	ONLY	1	24	30	5.00						1					X		X																VR-92IL		E-145A
13A 1.195 RT EXIT 18 US ROUTE 7 MM. 1.195 LT	NO PARKING END TO	1	24	12	2.00		2				2												2	X								*2A	M4-5 GREEN ON WHITE SIGN FRAME REQUIRED		SHS
	EAST SOUTH	1 1	24 24	12 12	2.00 2.00																												M3-2 GREEN ON WHITE M3-3 BLACK ON WHITE		SHS SHS
	VERMONT 104A 7	1 1	30 24	24 24	5.00 4.00																												M1-5 M1-4		E-136B SHS
		1	21	15	2.19																												M6-1L GREEN ON WHITE		SHS
							2					FT	FT	FT	FT 8	FT 60	FT		EA	LB	LB	LB		LB 228	LB	LB	LB							
					SF 41.02	SF	EA.	SF				FT			FT 68					LB			EA. 2		LB 228				EA.	EA.					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 3

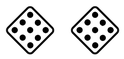
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI8-3.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 143 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
EXIT 18 US ROUTE 7 MM. 1.200 CTR		1	24	30	5.00						1					X		X																	R4-7		SHS
	 MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 18 US ROUTE 7 MM. 1.215 RT		1	72	12	6.00						2												2		X										E-123
		1	72	12	6.00																														E-123
		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																											#3	M3-1 WHITE ON BLUE SIGN FRAME REQUIRED M3-1 BLACK ON WHITE M3-3 WHITE ON BLUE		SHS SHS SHS
		1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																													MI-1 MI-4 MI-1		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																													M5-1 WHITE ON BLUE M6-3 BLACK ON WHITE M6-3 WHITE ON BLUE		SHS SHS SHS
EXIT 18 US ROUTE 7 MM. 1.260 CTR		1	24	30	5.00						1					X		X																	R4-7		SHS
	 MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 18 US ROUTE 7 MM. 1.290 RT		1	24	30	5.00						1					X		X																	D4-2 (RIGHT ARROW)		SHS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

	SF	SF	EA.	SF		FT	FT	FT	FT	FT 45	FT		EA	LB	LB	LB		LB	LB 270	LB	LB	EA.	EA.
	60.57					FT			FT	45				LB				EA.	2	LB	270			

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI8-4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 144 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMES REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 18 US ROUTE 7 MM. 1.300 RT	LEGAL LOAD AS FOR STATE HIGHWAYS	1	24	30	5.00						1					X		X															VR-079		E-141
EXIT 18 US ROUTE 7 MM. 1.300 RT	STOP	1	30	30	6.25						1					X		X															RI-1		SHS
EXIT 18 US ROUTE 7 MM. 1.320 RT	STOP	1	30	30	6.25						1					X		X															RI-1		SHS
	0070 0608 0132	1	6	10	0.42						1				X			X															VD-700		E-138
EXIT 18 US ROUTE 7 MM. 1.335 LT	PARK & RIDE ←	1	24	30	~~5.00~~ ~~6.25~~						1					X		X															D4-2 (LEFT ARROW)		SHS
EXIT 18 US ROUTE 7 MM. 1.355 RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															R2-1		SHS
EXIT 18 US ROUTE 7 MM. 1.360 LT	↑ MILTON 4	1	72	12	6.00						2						X	X															D1-1A		E-123
	↑ FAIRFAX 6	1	72	12	6.00																												D1-1A		E-123
	MONTREAL 78 →	1	72	12	6.00																												D1-1A		E-123
EXIT 18 US ROUTE 7 MM. 1.400 LT	0070 0608 0140	1	6	10	0.42						1				X			X															VD-700		E-138
					SF ~~47.59~~ 46.34	SF	EA.	SF				FT	FT	FT	FT 16	FT 75	FT 30		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
												FT			FT 121					LB			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS18-5.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 145 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 18 US ROUTE 7 MM. 1.515 RT	GEORGIA CTR. 2	1	72	12	6.00						2					X		X															DI-1A		E-123
	BURLINGTON 20	1	72	12	6.00																											DI-1A		E-123
EXIT 18 US ROUTE 7 MM. 1.535 CTR		1	24	30	5.00						1					X		X														R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																											OMI-1 OMI-1		SHS SHS
EXIT 18 US ROUTE 7 MM. 1.575 LT	SOUTH SOUTH NORTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X							#3	M3-3 WHITE ON BLUE SIGN FRAME REQUIRED M3-3 BLACK ON WHITE M3-1 WHITE ON BLUE		SHS SHS SHS
	INTERSTATE 89 7 INTERSTATE 89	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																											M1-1 M1-4 M1-1		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																											M6-1L WHITE ON BLUE M6-3 BLACK ON WHITE M6-3 WHITE ON BLUE		SHS SHS SHS
EXIT 18 US ROUTE 7 MM. 1.580 CTR		1	24	30	5.00						1					X		X														R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																											OMI-1 OMI-1		SHS SHS
					SF 55.57	SF	EA.	SF				FT	FT	FT	FT	FT 60	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI8-9.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 146 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 18 US ROUTE 7 MM. 1.583 LT	SOUTH TO	1	24	12	2.00						2						X	X															*2A	M3-3 BLACK ON WHITE SIGN FRAME REQUIRED M4-5 GREEN ON WHITE		SHS SHS
	7 VERMONT 104A	1	24	24	4.00																													MI-4		SHS
		1	30	24	5.00																															E-136B
	← ←	1	21	15	2.19																													M6-1L BLACK ON WHITE M6-1L GREEN ON WHITE		SHS SHS
		1	21	15	2.19																															
EXIT 18 US ROUTE 7 MM. 1.585 LT	NORTH NORTH	1	24	12	2.00						2						X	X															*2	M3-1 WHITE ON BLUE SIGN FRAME REQUIRED M3-1 BLACK ON WHITE		SHS SHS
		1	24	12	2.00																															
	INTERSTATE 89 7	1	24	24	4.00																													MI-1 MI-4		SHS SHS
		1	24	24	4.00																															
	← →	1	21	15	2.19																													M6-1L WHITE ON BLUE M6-1R BLACK ON WHITE		SHS SHS
		1	21	15	2.19																															
EXIT 18 US ROUTE 7 MM. 1.590 CTR		1	24	30	5.00						1					X		X																R4-7		SHS
	MOUNTED BACK TO BACK	1	18	18	2.25																													OMI-1 OMI-1		SHS SHS
		1	18	18	2.25																															

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.
	43.26									15	60												
						FT			FT					LB			EA.					EA.	EA.
									75														

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI8-10.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 147 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 18 US ROUTE 7 MM. 1.610 RT	GEORGIA CTR. 2	1	72	12	6.00						2					X		X																D2-1		E-123
	ST. ALBANS 9	1	72	12	6.00																													D2-1		E-123
EXIT 18 US ROUTE 7 MM. 1.610 LT	↑ MILTON 4	1	72	12	6.00						2					X		X																DI-1A		E-123
	↑ FAIRFAX 6	1	72	12	6.00																													DI-1A		E-123
	← BURLINGTON 20	1	72	12	6.00																													DI-1A		E-123
EXIT 18 US ROUTE 7 MM. 1.625 LT	ONLY	1	24	30	5.00						1					X		X																VR-92I (LEFT ARROW)		E-145A
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".			SF 35.00	SF	EA.	SF						FT	FT	FT	FT	FT 75	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
												FT			FT 75					LB			EA.	LB				EA.	EA.						

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS18-11.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 148 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
																																		OPTION ITEMS		
EXIT 18 US ROUTE 7 MM. 1.642 LT	TO	1	24	12	2.00						2							X				X											#3	M4-5 WHITE ON BLUE SIGN FRAME REQUIRED		SHS
	SOUTH SOUTH NORTH	1	24	12	2.00																													M3-3 WHITE ON BLUE		SHS
		1	24	12	2.00																													M3-1 BLACK ON WHITE		SHS
		1	24	12	2.00																													M3-3 WHITE ON BLUE		SHS
	INTERSTATE 89 7 INTERSTATE 89	1	24	24	4.00																													MI-1		SHS
		1	24	24	4.00																													MI-1		SHS
		1	24	24	4.00																													MI-4		SHS
		1	21	15	2.19																													M5-1L WHITE ON BLUE		SHS
		1	21	15	2.19																													M6-3 BLACK ON WHITE		SHS
		1	21	15	2.19																													M6-3 WHITE ON BLUE		SHS
EXIT 18 US ROUTE 7 MM. 1.700 RT	NORTH	1	24	12	2.00						1					X		X																M3-1 BLACK ON WHITE		SHS
	7	1	24	24	4.00																													MI-4		SHS
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".			SF 32.57	SF	EA.	SF		FT	FT	FT	FT	FT 15	FT		EA	LB	LB	LB 51	EA.	LB	LB	LB	LB	EA.	EA.									

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS18-12.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 149 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
OPTION ITEMS																																				
SHEET 141					55.83		1								8	60		5					2	228												
SHEET 142					47.33		4								8	60		5					2	228												
SHEET 143					41.02										8	60		5					2	228										1		
SHEET 144					60.57											45		3					2		270									1		
SHEET 145					47.59										16	75	30	9																		
SHEET 146					55.57											60		4					2	228										1		
SHEET 147					43.26											15	60	5																2		
SHEET 148					35.00											75		5																		
SHEET 149					32.57											15		3				51												1		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT	FT 40	FT 465	FT 90		EA	LB	LB	LB 51		LB 912	LB 270	LB	LB								
					SF 418.74	SF	EA. 5	SF				FT			FT 595					LB 51			EA. 10		LB 1182			EA.	EA.							

INTERCHANGE 18 TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS18-13.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 150 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
EXIT 19 RAMP A MM. 0.000 RT	19A 0.000	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 19 RAMP A MM. 0.140 LT		1	24	30	5.00						1					X		X																	WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP A MM. 0.150 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X																	VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00						1						X	X																	VR-046		E-142
EXIT 19 RAMP A MM. 0.156 LT		1	24	30	5.00						1					X		X																	WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP A MM. 0.170 LT		1	24	30	5.00						1					X		X																	WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP A MM. 0.185 LT		1	24	30	5.00						1					X		X																	WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP A MM. 0.205 RT		1	36	36	9.00						2					X		X																	R3-2		SHS
					SF	SF	EA.	SF				FT	FT	FT	FT 8	FT 90	FT 30		EA	LB	LB	LB		LB	LB	LB	LB									
					47.33							FT			FT 128					LB			EA.	LB				EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 154 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
EXIT 19 RAMP A MM. 0.228 RT	19A 0.228 113.710	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 19 RAMP B MM. 0.000 RT	19B 0.000 113.513	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 19 RAMP B MM. 0.290 RT		1	24	30	5.00						1					X		X																	W1-8L FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP B MM. 0.308 RT		1	24	30	5.00						1					X		X																	W1-8L FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP B MM. 0.325 RT		1	24	30	5.00						1					X		X																	W1-8L FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP B MM. 0.343 RT		1	24	30	5.00						1					X		X																	W1-8L FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP B MM. 0.360 RT		1	24	30	5.00						1					X		X																	W1-8L FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 19 RAMP B MM. 0.303 RT	19B 0.303	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 19 RAMP C MM. 0.025 CTR	89 NORTH Swanton Canada	1	150	156		162.50																													MOUNTED ON NEW SIGN BRIDGE	44	
					SF 25.99	SF 162.50	EA.	SF				FT	FT	FT	FT 24	FT 75	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.							
												FT			FT 99					LB			EA.	LB				EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-2.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 155 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 19 RAMP C MM. 0.025 CTR		1	222	102		157.25										X		X															MOUNTED ON NEW SIGN BRIDGE	44	
EXIT 19 RAMP C MM. 0.035 LT		1	18	18	2.25						1					X		X															OMI-1		SHS
EXIT 19 RAMP C MM. 0.085 RT		1	36	36	9.00						2						X	X															VR-002		E-142
		1	36	36	9.00																											VR-046		E-142
EXIT 19 RAMP C MM. 0.326 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 19 RAMP C MM. 0.441 RT		1	6	8	0.33						1					X		X															VD-700M	47	
EXIT 19 RAMP D MM. 0.000 RT		1	6	8	0.33						1					X		X															VD-700M	47	
EXIT 19 RAMP D MM. 0.166 RT		1	36	36	9.00						2					X		X															W3-2		SHS
					SF 38.91	SF 157.25	EA.	SF				FT	FT	FT	FT 16	FT 75	FT 30		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
												FT			FT 121					LB			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-3.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 156 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 19 RAMP D MM. 0.301 RT	FOOD 2 / WRONG WAY — MOUNTED BACK TO BACK	1	72	10	5.00		1				2												2	X									VD-502F	49	
	GAS/DIESEL 24 HRS — MOUNTED BACK TO BACK	1	72	10	5.00		1																										VD-502GD	49	
	LODGING	1	72	10	5.00																												VD-502L	49	
	HOSPITAL 1	1	72	10	5.00																												VD-502H	49	
	STATE POLICE 1	1	72	10	5.00																												VD-502M	49	
EXIT 19 RAMP D MM. 0.350 RT	MOUNTED BACK TO BACK	1 1	48 36	48 36	8.00 9.00						2					X		X															RI-2 R5-1		SHS SHS
EXIT 19 RAMP D MM. 0.357 RT	ONLY	1	~~36~~ 30	30	6.25						1					X		X															VR-922L		E-145A
EXIT 19 ST ALBANS HIGHWAY MM. 0.765 CTR		1	24	30	5.00						1					X		X															R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																												OMI-1 OMI-1		SHS SHS
					SF 57.75	SF	EA.	SF				FT	FT	FT	FT	FT 60	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-4.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 157 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 19 RAMP D MM. 0.301 RT	FOOD 2 / WRONG WAY — MOUNTED BACK TO BACK	1	72	10	5.00		1				2												2	X									VD-502F	49	
	GAS/DIESEL 24 HRS — MOUNTED BACK TO BACK	1	72	10	5.00		1																										VD-502GD	49	
	LODGING	1	72	10	5.00																												VD-502L	49	
	HOSPITAL 1	1	72	10	5.00																												VD-502H	49	
	STATE POLICE 1	1	72	10	5.00																												VD-502M	49	
EXIT 19 RAMP D MM. 0.350 RT	MOUNTED BACK TO BACK	1 1	48 36	48 36	8.00 9.00						2					X		X															RI-2 R5-1		SHS SHS
EXIT 19 RAMP D MM. 0.357 RT		1	30	30	6.25						1					X		X															VR-922L		E-145A
EXIT 19 ST ALBANS HIGHWAY MM. 0.765 CTR		1	24	30	5.00						1					X		X															R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																												OMI-1 OMI-1		SHS SHS
					SF 57.75	SF	EA.	SF			FT	FT	FT	FT	FT 60	FT 60		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 157 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 19 ST ALBANS HIGHWAY MM. 0.815 LT	ST. ALBANS 1	1	72	12	6.00						2												2	X										DI-1A		E-123
	FAIRFAX 10	1	72	12	6.00																													DI-1A		E-123
ADD DELETE PRE-CONSTRUCTION CONF.	RICHFORD 36 → ~~SHELDON 11 →~~	1	72	12	6.00																													DI-1A		E-123
	DELETE "FALLS" ENOSBURG ~~FALLS~~ 18 →	1	72	12	6.00																													DI-1A		E-123
EXIT 19 ST ALBANS HIGHWAY MM. 0.860 LT	ONLY / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 36	30 30	6.25 7.50						2					X		X																VR-922L R5-1		E-145A SHS
												FT	FT	FT	FT	FT 30	FT		EA	LB	LB	LB		LB 228	LB	LB	LB					EA.	EA.			
					SF 37.75	SF	EA.	SF				FT			FT 30					LB			EA. 2	LB 228				EA.	EA.					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-6.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 159 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 19 ST ALBANS HIGHWAY MM. 0.895 LT	FOOD 2	1	72	10	5.00						2												2	X										VD-502F	49	
	WRONG WAY MOUNTED BACK TO BACK	1	36	24	6.00																													R5-1A		SHS
	GAS/DIESEL 24 HRS	1	72	10	5.00																													VD-502GD	49	
	MOUNTED BACK TO BACK	1	24	24	4.00																													R9-4A		SHS
	LODGING	1	72	10	5.00																													VD-502L	49	
	HOSPITAL 1	1	72	10	5.00																													VD-502H	49	
	STATE POLICE 1	1	72	10	5.00																													VD-502M	49	
EXIT 19 ST ALBANS HIGHWAY MM. 0.940 RT		1	36	36	9.00						2						X	X																WI-1R		SHS
	25 M.P.H.	1	24	24	4.00																													WI3-1		SHS
EXIT 19 ST. ALBANS HIGHWAY MM. 0.990 RT	9720 0613 0099	1	6	10	0.42						1				X			X																VD-700		E-138
			SF		SF		EA.		SF			FT	FT	FT	FT 8	FT	FT 30		EA	LB	LB	LB		LB 228	LB	LB	LB	EA.	EA.						
			48.42									FT			FT 38					LB			EA. 2		LB 228			EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSI9-7.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 160 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STD. SHEET NUMBER
												OPTION ITEMS																							
SHEET 154					47.33										8	90	30	9																	
SHEET 155					25.99	162.50									24	75		8																	
SHEET 156					38.91	157.25									16	75	30	9																	
SHEET 157					57.75											60		4					2	228											
SHEET 158					56.20											30		3					2				438					2			
SHEET 159					37.75											30		2					2	228											
SHEET 160					48.42										8		30	3					2	228											
												FT	FT	FT	FT 56	FT 360	FT 90		EA	LB	LB	LB		LB 684	LB	LB	LB 438								
					SF 312.35	SF 319.75	EA.	SF				FT			FT 506					LB			EA. 8	LB 1122				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 19 TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS19-8.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 161 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
EXIT 20 RAMP A MM. 0.000 RT	20A 0.000 117.821	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 20 RAMP A MM. 0.076 RT		1	36	36	9.00						2						X	X																W3-1		SHS
EXIT 20 RAMP A MM. 0.118 RT	NORTH TO	1 1	24 24	12 12	2.00 2.00						2							X				X											#2A	M3-1 GREEN ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE		SHS SHS
	VERMONT 207 7	1 1	30 24	24 24	5.00 4.00																													M1-5 M1-4		E-136B SHS
		1 1	21 21	15 15	2.19 2.19																													M6-1L GREEN ON WHITE M6-1R BLACK ON WHITE		SHS SHS
EXIT 20 RAMP A MM. 0.170 RT	ST. ALBANS 2	1	72	12	6.00						2							X				X												D1-1A		E-123
	FOOD	1	72	10	5.00																													D1-1A	49	
	GAS/DIESEL 24 HRS	1	72	10	5.00																													D1-1A	49	
	LODGING 3	1	72	10	5.00																													D1-1A	49	
	MOUNTED BACK TO BACK WRONG WAY	1	36	24	6.00																													R5-1A		SHS
					SF 53.71	SF	EA.	SF				FT	FT	FT	FT 8	FT	FT 30		EA	LB	LB	LB 102	EA.	LB	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 162 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
	INFORMATION →  MOUNTED BACK TO BACK	1 1	72 24	10 24	5.00 4.00																													VD-502I R9-4A	49	 SHS
EXIT 20 RAMP A MM. 0.170 LT	WRONG WAY	1	36	24	6.00						2					X		X															R5-1A		SHS
EXIT 20 RAMP A MM. 0.216 RT	STOP DO NOT ENTER MOUNTED BACK TO BACK						1 1				2					X		X																	
	ONE WAY ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																												R6-1L R6-1R		SHS SHS
EXIT 20 RAMP B MM. 0.045 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X															VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												VR-046		E-142
EXIT 20 RAMP B MM. 0.150 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 20 RAMP B MM. 0.204 RT	20B 0.204 117.843	1	6	8	0.33						1				X			X															VD-700M	47	
					SF 54.33	SF	EA. 4	SF				FT	FT	FT	FT 8	FT 120	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						
												FT			FT 158					LB			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-2.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 163 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 20 RAMP C MM. 0.045 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X																VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												VR-046		E-142
EXIT 20 RAMP C MM. 0.135 RT		1	36	36	9.00						2					X		X																R3-2		SHS
EXIT 20 RAMP C MM. 0.211 RT	20C 0.211 117.410	1	6	8	0.33						1				X			X																VD-700M	47	
EXIT 20 RAMP D MM. 0.000 RT	20D 0.000 117.444	1	6	8	0.33						1				X			X																VD-700M	47	
EXIT 20 RAMP D MM. 0.062 RT		1	36	36	9.00						2						X	X																W3-1		SHS
EXIT 20 RAMP D MM. 0.099 RT	TO NORTH	1 1	24 24	12 12	2.00 2.00						2													2	X							*2A	M4-5 BLACK ON WHITE SIGN FRAME REQUIRED M3-1 GREEN ON WHITE		SHS SHS
	7 VERMONT 207	1 1	24 30	24 24	4.00 5.00																												MI-4 MI-5		SHS E-136B
		1 1	21 21	15 15	2.19 2.19																												M6-1L BLACK ON WHITE M6-1R GREEN ON WHITE		SHS SHS
					SF 54.04	SF	EA.	SF			FT	FT	FT	FT 16	FT 30	FT 60		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-3.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 164 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 20 RAMP D MM. 0.140 RT	← ST. ALBANS 2	1	72	12	6.00						2												2	X									DI-1A		E-123
	WRONG WAY MOUNTED BACK TO BACK	1	36	24	6.00																												R5-1A		SHS
	HIGHGATE CTR 6 →	1	72	12	6.00																												DI-1A		E-123
	MOUNTED BACK TO BACK	1	24	24	4.00																												R9-4A		SHS
	← FOOD	1	72	10	5.00																												VD-502F	49	
	← GAS/DIESEL 24 HRS	1	72	10	5.00																												VD-502GD	49	
	← 3 LODGING	1	72	10	5.00																												VD-502L	49	
	← INFORMATION	1	72	10	5.00																												VD-502I	49	
EXIT 20 RAMP D MM. 0.140 LT	WRONG WAY	1	36	24	6.00						2					X		X															R5-1A		SHS
EXIT 20 RAMP D MM. 0.184 LT	STOP DO NOT ENTER MOUNTED BACK TO BACK						1 1				2						X	X																	
	ONE WAY ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																												R6-1L R6-1R		SHS SHS
					SF 54.00	SF	EA. 2	SF				FT	FT	FT	FT	FT 30	FT 30		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						
															FT 60					LB															

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 165 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 20 RAMP D MM. 0.184 RT	STOP DO NOT ENTER MOUNTED BACK TO BACK						1 1				2						X	X																		
	ONE WAY ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																													R6-1L R6-1R		SHS SHS
EXIT 20 ROUTE 207 MM. 0.135 LT		1	36	36	9.00						2					X		X																W3-3		SHS
EXIT 20 VT 207 MM. 0.208 RT	NORTH NORTH SOUTH						1 1 1				2												2	X								*3B	SIGN FRAME REQUIRED		
	INTERSTATE 89 VERMONT 207 INTERSTATE 89						1 1 1																													
		1	21	15	2.19		1 1																											M5-1	WHITE ON BLUE		SHS
EXIT 20 VT 207 MM. 0.210 LT	ST. ALBANS 2	1	72	12	6.00						2												2	X									DI-1A			E-123
	TO END	1 1	24 24	12 12	2.00 2.00																													M4-5 M4-6	BLACK ON WHITE GREEN ON WHITE		SHS SHS
	7 VERMONT 207	1 1	24 30	24 24	4.00 5.00																													MI-4 MI-5			SHS E-136B
					SF	SF	EA.	SF				FT	FT	FT	FT	FT 30	FT 30		EA	LB	LB	LB		LB 456	LB	LB	LB	EA.	EA.						
					36.19		10					FT			FT 60					LB			EA. 4		LB 456			EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 5

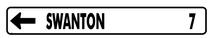
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-5.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 166 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 20 VT 207 MM. 0.215 CTR		1	24	30	5.00						1					X		X																R4-7		SHS
	 MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 20 VT 207 MM. 0.229 CTR		1	24	30	5.00						1					X		X																R4-7		SHS
	 MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 20 VT 207 MM. 0.229 LT		1	24	12	2.00						2						X	X																M3-3 WHITE ON BLUE		SHS
		1	24	24	4.00																													MI-1		SHS
		1	21	15	2.19																													M6-1L WHITE ON BLUE		SHS
EXIT 20 VT 207 MM. 0.260 RT		1	72	12	6.00						2							X				X												DI-1A		E-123
	 MOUNTED BACK TO BACK	1 1	72 36	12 24	6.00 6.00																													DI-1A R5-1A		E-123 SHS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

						FT	FT	FT	FT	FT 30	FT 30		EA	LB	LB	LB 51		LB	LB	LB	LB		
	SF 45.19	SF	EA.	SF		FT			FT 60					LB 51			EA.	LB				EA.	EA.

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-6.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 167 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
		1	24	12	2.00																												M3-1 WHITE ON BLUE		SHS
		1	24	24	4.00																												MI-1		SHS
		1	21	15	2.19																												M5-1L WHITE ON BLUE		SHS
EXIT 20 VT 207 MM 0.280 RT		1	6	10	0.42						1				X			X															VD-700		E-138
EXIT 20 VT 207 MM. 0.290 LT		1	72	12	6.00						2							X		X													DI-1A		E-123
		1	24	12	2.00																												M3-3 WHITE ON BLUE		SHS
		1	24	24	4.00																												MI-1		SHS
		1	21	15	2.19																												M5-1L WHITE ON BLUE		SHS
					SF 22.80	SF	EA.	SF				FT	FT	FT	FT 8	FT	FT		EA	LB 39	LB	LB		LB	LB	LB	LB	EA.	EA.						
												FT			FT 8					LB 39			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-7.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 168 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 17 US ROUTE 2 MM. 0.295 CTR		1	24	30	5.00						1					X		X																	R4-7		SHS
	 MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
EXIT 20 VT 207 MM. 0.300 RT		1	24	12	2.00						1						X	X																	M3-1 WHITE ON BLUE		SHS
	 MOUNTED BACK TO BACK	1 1	24 30	24 30	4.00 6.25																													MI-1 R5-1		SHS SHS
		1	21	15	2.19																													M6-1L WHITE ON BLUE		SHS
EXIT 20 VT 207 MM. 0.305 CTR		1	24	30	5.00						1					X		X																	R4-7		SHS
	 MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OMI-1 OMI-1		SHS SHS
					SF 33.44	SF	EA.	SF			FT	FT	FT	FT	FT 30	FT 15		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.							
															FT 45				LB			EA.	LB												

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-8.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 169 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												lb/ft 1.88	2.42	3.35						lb/ft 1.3	1.7	1.7		lb/ft 7.6	9.0	10.8	14.6								
												OPTION ITEMS																									
EXIT 21 RAMP A MM. 0.086 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X															VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												VR-046		E-142
EXIT 21 RAMP A MM. 0.105 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 21 RAMP A MM. 0.170 RT	21A 0.170 123.199	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 21 RAMP B MM. 0.000 RT	21B 0.000 123.535	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 21 RAMP B MM. 0.055 RT		1	36	36	9.00						2						X	X															W3-1		SHS
EXIT 21 RAMP B MM. 0.087 RT	EAST TO WEST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-2 GREEN ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-4 GREEN ON WHITE		SHS SHS SHS
	VERMONT 78 7 VERMONT 78	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												M1-4		E-136B SHS E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M6-1L GREEN ON WHITE M6-1R BLACK ON WHITE M6-1R GREEN ON WHITE		SHS SHS SHS
					SF 61.23	SF	EA.	SF				FT	FT	FT	FT 16	FT 30	FT 60		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

FT 106 | LB | LB 228

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 173 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
OPTION ITEMS																																				
SHEET 162					53.71										8		30	7				102											1			
SHEET 163					54.33		4								8	120	30	11																		
SHEET 164					54.04										16	30	60	8					2	228									1			
SHEET 165					54.00		2									30	30	4					2	228												
SHEET 166					36.19		10									30	30	4					4	456									1			
SHEET 167					45.19											30	30	6				51														
SHEET 168					22.80										8			3		39																
SHEET 169					33.44											30	15	3																		
SHEET 170					24.88		11									15	30	3					2		270								1			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT	FT 40	FT 285	FT 255		EA	LB 39	LB	LB 153		LB 912	LB 270	LB	LB								
					SF 378.58	SF	EA. 27	SF				FT			FT 580					LB 192			EA. 10		LB 1182			EA.	EA.							

INTERCHANGE 20 TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS20-10.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 171 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												lb/ft 1.88	2.42	3.35						lb/ft 1.3	1.7	1.7		lb/ft 7.6	9.0	10.8	14.6								
												OPTION ITEMS																									
EXIT 21 RAMP A MM. 0.086 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X															VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												VR-046		E-142
EXIT 21 RAMP A MM. 0.105 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 21 RAMP A MM. 0.170 RT	21A 0.170 123.199	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 21 RAMP B MM. 0.000 RT	21B 0.000 123.535	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 21 RAMP B MM. 0.055 RT		1	36	36	9.00						2						X	X															W3-1		SHS
EXIT 21 RAMP B MM. 0.087 RT	EAST TO WEST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-2 GREEN ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-4 GREEN ON WHITE		SHS SHS SHS
	VERMONT 78 7 VERMONT 78	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												M1-4		E-136B SHS E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M6-1L GREEN ON WHITE M6-1R BLACK ON WHITE M6-1R GREEN ON WHITE		SHS SHS SHS
					SF 61.23	SF	EA.	SF				FT	FT	FT	FT 16	FT 30	FT 60		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

FT 106 | LB | LB 228

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-1.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 173 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 21 RAMP B MM. 0.125 RT	← AIRPORT 1	1	72	12	6.00						2												2				X							DI-1A		E-123
MOUNTED BACK TO BACK	WRONG WAY	1	36	24	6.00																													R5-1A		SHS
	← HIGHGATE CENTER 3	1	72	12	6.00																													DI-1A		E-123
MOUNTED BACK TO BACK		1	24	24	4.00																													R9-4A		SHS
	SWANTON 1 →	1	72	12	6.00																													DI-1A		E-123
	NEW YORK STATE 17 →	1	72	12	6.00																													DI-1A		E-123
	(PRE-CON) ← FOOD 24 HRS →	1	72	10	5.00																													VD-502F	49	
	← GAS/DIESEL 24 HRS →	1	72	10	5.00																													VD-502GD	49	
	← PHONE →	1	72	10	5.00																													VD-502P	49	
	LODGING 1 →	1	72	10	5.00																													VD-502L	49	
	CAMPING 9 →	1	72	10	5.00																													VD-502C	49	
					SF 59.00	SF	EA.	SF				FT	FT	FT	FT	FT	FT		EA	LB	LB	LB	EA. 2	LB	LB	LB 432	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 2

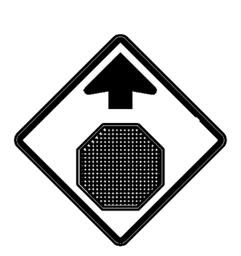
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-2.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 174 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS (OPTION ITEMS): FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
EXIT 21 RAMP B MM. 0.125 LT	WRONG WAY	1	36	24	6.00						2					X		X															R5-1A		SHS
EXIT 21 RAMP B MM. 0.166 LT	STOP / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2					X		X															R1-1 R5-1		SHS SHS
	ONE WAY / ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																												R6-1L R6-1R		SHS SHS
EXIT 21 RAMP B MM. 0.166 RT	STOP / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2					X		X															R1-1 R5-1		SHS SHS
	ONE WAY / ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																												R6-1L R6-1R		SHS SHS
EXIT 21 RAMP C MM. 0.000 RT	21C 0.000 123.214	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 21 RAMP C MM. 0.058 RT		1	36	36	9.00						2						X	X															W3-1		SHS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

Units					FT	FT	FT	FT 8	FT 90	FT 30		EA	LB	LB	LB		LB	LB	LB	LB		
Totals	SF 52.33	SF	EA.	SF	FT			FT 128					LB			EA.	LB				EA.	EA.

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-3.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 175 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 21 RAMP C MM. 0.074 RT	WEST TO EAST	1	24	12	2.00		1				2							X				X											#3	SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-2 GREEN ON WHITE		 SHS SHS
	VERMONT 78 7 VERMONT 78	1 1	24 24	24 24	4.00 4.00		1																											MI-4 MI-5		SHS E-136B
	← ← →	1 1	21 21	15 15	2.19 2.19		1																											M6-1L BLACK ON WHITE M6-1R GREEN ON WHITE		SHS SHS
EXIT 21 RAMP C MM. 0.102 LT	WRONG WAY	1	36	24	6.00						2					X		X																R5-1A		SHS
EXIT 21 RAMP C MM. 0.102 RT	← SWANTON 1 WRONG WAY MOUNTED BACK TO BACK	1 1	72 36	12 24	6.00 6.00						2												2			X								D1-1A R5-1A		E-123 SHS
	← NEW YORK STATE 17 MOUNTED BACK TO BACK	1 1	72 24	12 24	6.00 4.00																													D1-1A R9-4A		E-123 E-123
	AIRPORT 1 →	1	72	12	6.00																													D1-1A		E-123
	HIGHGATE CENTER 3 →	1	72	12	6.00																													D1-1A		E-123
	(PRE-CON) ← FOOD 24 HRS →	1	72	10	5.00																													VD-502F	49	
					SF 61.38	SF	EA. 3	SF				FT	FT	FT	FT	FT 30	FT		EA	LB	LB	LB 51	EA. 2	LB	LB	LB 432	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-4.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 176 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	OPTION ITEMS																																			
	← GAS/DIESEL 24 HRS →	1	72	10	5.00																													VD-502GD	49	
	← PHONE →	1	72	10	5.00																													VD-502P	49	
	← 1 LODGING	1	72	10	5.00																													VD-502L	49	
	← 9 CAMPING	1	72	10	5.00																													VD-502C	49	
EXIT 21 RAMP C MM. 0.140 LT	STOP / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2						X	X																RI-1 R5-1		SHS SHS
	ONE WAY / ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																													R6-1L R6-1R		SHS SHS
EXIT 21 RAMP C MM. 0.140 RT	STOP / DO NOT ENTER MOUNTED BACK TO BACK	1 1	30 30	30 30	6.25 6.25						2						X	X																RI-1 R5-1		SHS SHS
	ONE WAY / ONE WAY MOUNTED BACK TO BACK	1 1	36 36	12 12	3.00 3.00																													R6-1L R6-1R		SHS SHS
	0780 0615 0769	1	6	10	0.42																													VD-700		E-138
					SF 57.42	SF	EA.	SF				FT	FT	FT	FT 60	FT	FT	EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-5.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 177 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 21 RAMP D MM. 0.056 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X															VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																											VR-046		E-142
EXIT 21 RAMP D MM. 0.096 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 21 RAMP D MM. 0.166 RT	21D 0.166 123526	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 21 VT ROUTE 78 MM. 7.516 RT	JCT	1	21	15	2.19						1					X		X															M2-1 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																												MI-1		SHS
EXIT 21 VT 78 MM 7.520 RT	0780 0615 0752	1	6	10	0.42						1				X			X															VD-700		E-138
EXIT 21 VT ROUTE 78 MM. 7.549 RT	HIGHGATE CTR. 3	1	72	12	6.00						2						X	X															DI-1A		E-123
	ST. ALBANS 9	1	72	12	6.00																												DI-1A		E-123
					SF 45.94	SF	EA.	SF				FT	FT	FT	FT 16	FT 45	FT 60		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
												FT			FT 121					LB			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-6.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 178 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	2.0 / 2.42	2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 / 1.3	4.0 / 1.7	4.0 MOD / 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 / 7.6	3.5 / 9.0	4.0 / 10.8	5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	OPTION ITEMS																																				
	BURLINGTON 37 →	1	72	12	6.00																													DI-1A		E-123
EXIT 21 VT ROUTE 78 MM. 7.559 LT	WEST	1	24	12	2.00						1						X	X																M3-4 GREEN ON WHITE		SHS
	VERMONT 78	1	24	24	4.00																													MI-5		E-136B
EXIT 21 VT ROUTE 78 MM. 7.569 RT	EAST NORTH SOUTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-2 GREEN ON WHITE SIGN FRAME REQUIRED M3-1 WHITE ON BLUE M3-3 WHITE ON BLUE		SHS SHS SHS
	VERMONT 78 INTERSTATE 89 INTERSTATE 89	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												MI-5 MI-1 MI-1		E-136B SHS SHS
	↑ ↑ →	1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M6-3 GREEN ON WHITE M6-3 WHITE ON BLUE M6-1R WHITE ON BLUE		SHS SHS SHS
EXIT 21 VT 78 MM. 7.576 RT	EAST TO WEST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-2 GREEN ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-4 GREEN ON WHITE		SHS SHS SHS
	VERMONT 78 7 VERMONT 78	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												MI-5 MI-4 MI-5		E-136B SHS E-136B
	← → →	1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M6-1L GREEN ON WHITE M6-1R BLACK ON WHITE M6-1R GREEN ON WHITE		SHS SHS SHS
					SF 61.14	SF	EA.	SF				FT	FT	FT	FT	FT	FT 15		EA	LB	LB	LB	EA. 4	LB 456	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-7.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 179 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	2.0 / 2.42	2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 / 1.3	4.0 / 1.7	4.0 MOD / 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 / 7.6	3.5 / 9.0	4.0 / 10.8	5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
EXIT 21 VT ROUTE 78 MM. 7.594 LT	SOUTH TO	1	24	12	2.00		1				2						X	X															#2	SIGN FRAME REQUIRED M3-3 BLACK ON WHITE		SHS
	89 / 7	1	24	24	4.00		1																											M1-1		SHS
		1	21	15	2.19		1																											M6-3 BLACK ON WHITE		SHS
EXIT 21 VT ROUTE 78 MM. 7.620 RT	HIGHGATE CTR. 3	1	72	12	6.00						2												2	X										DI-1A		E-123
	CANADIAN BORDER 7	1	72	12	6.00																													DI-1A		E-123
	MONTREAL 63	1	72	12	6.00																													DI-1A		E-123
	NORTH	1	24	12	2.00																													M3-1 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																													M1-1		SHS
		1	21	15	2.19																													M5-1L WHITE ON BLUE		SHS
					SF	SF	EA.	SF				FT	FT	FT	FT	FT	FT 30		EA	LB	LB	LB	EA.	LB 228	LB	LB	LB	EA.	EA.						
					34.38		3					FT			FT 30					LB			EA. 2	LB 228				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-8.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 180 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 21 VT ROUTE 78 MM. 7.600 LT	0780 0615 0760	1	6	10	0.42						1				X			X																VD-700		E-138
EXIT 21 VT ROUTE 78 MM. 7.648 LT	↑ SWANTON 1	1	72	12	6.00						2												2	X									DI-1A		E-123
	↰ SHOULD BE ~~←~~ ST. ALBANS 9	1	72	12	6.00																												DI-1A		E-123
	↰ SHOULD BE ~~←~~ BURLINGTON 37	1	72	12	6.00																												DI-1A		E-123
	SOUTH	1	24	12	2.00																												M3-3 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																												M1-1		SHS
		1	21	15	2.19																												M5-1L WHITE ON BLUE		SHS
					SF 26.61	SF	EA.	SF				FT	FT	FT	FT 8	FT	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						
												FT			FT 8					LB				LB 228											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-9.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 181 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 21 VT ROUTE 78 MM. 7.663 RT	NORTH EAST	1 1	24 24	12 12	2.00 2.00						2						X	X															#2	M3-1 WHITE ON BLUE SIGN FRAME REQUIRED M3-2 GREEN ON WHITE		SHS SHS
	INTERSTATE 89 VERMONT 78	1 1	24 24	24 24	4.00 4.00																													M1-4 M1-5		SHS E-136B
		1 1	21 21	15 15	2.19 2.19																													M6-1L WHITE ON BLUE M6-3 GREEN ON WHITE		SHS SHS
EXIT 21 VT ROUTE 78 MM. 7.673 LT	WEST TO EAST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2		X								#3	M3-4 GREEN ON WHITE SIGN FRAME REQUIRED M4-5 BLACK ON WHITE M3-2 GREEN ON WHITE		SHS SHS SHS
	VERMONT 78 7 VERMONT 78	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																													M1-5 M1-4 M1-5		E-136B SHS E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																													M6-1L GREEN ON WHITE M6-1L BLACK ON WHITE M6-1R GREEN ON WHITE		SHS SHS SHS
EXIT 21 VT ROUTE 78 MM. 7.691 LT	WEST SOUTH NORTH	1	24	12	2.00		1 1		2																									M3-4 GREEN ON WHITE		SHS
	VERMONT 78 INTERSTATE 89 INTERSTATE 89	1	24	24	4.00		1 1																											M1-5		E-136B
		1	21	15	2.19		1 1																											M6-3 GREEN ON WHITE		SHS
					SF 49.14	SF	EA. 6	SF				FT	FT	FT	FT	FT	FT 30		EA	LB	LB	LB	EA. 2	LB	LB 270	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-10.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 182 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
		OPTION ITEMS																																	
EXIT 21 VT ROUTE 78 MM. 7.698 RT	EAST	1	24	12	2.00						1						X	X														M3-2 GREEN ON WHITE		SHS
	VERMONT 78	1	24	24	4.00																											MI-5		E-136B
EXIT 21 VT ROUTE 78 MM. 7.710 LT	TH 50 FRONTAGE RD						1				1					X		X																
	STOP	1	30	30	6.25																											RI-1		SHS
	0780 0615 0771	1	6	10	0.42																											VD-700 MOUNT REFERENCE PLAQUE BACK TO BACK WITH STOP SIGN		E-138
EXIT 21 VT ROUTE 78 MM. 7.719 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017		E-141
		SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB		EA.	EA.								
		17.67		1							30	15																						
											FT				LB		EA.		LB					EA.	EA.								
											45																							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 11

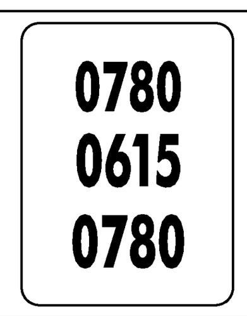
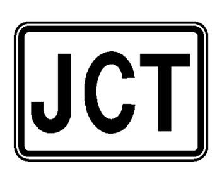
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-11.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 183 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 (1.88 lb/ft)	2.0 (2.42 lb/ft)	2.5 (3.35 lb/ft)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 (1.3 lb/ft)	4.0 (1.7 lb/ft)	4.0 MOD (1.7 lb/ft)	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 (7.6 lb/ft)	3.5 (9.0 lb/ft)	4.0 (10.8 lb/ft)	5.0 (14.6 lb/ft)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																							
EXIT 21 VT ROUTE 78 MM. 7.732 RT		1	72	12	6.00						2					X		X															D1-1		E-123
		1	72	12	6.00																												D1-1A		E-123
		1	6	10	0.42																												VD-700		E-138
EXIT 21 VT ROUTE 78 MM. 7.775 LT		1	21	15	2.19						1						X	X															M2-1 WHITE ON BLUE		SHS
		1	24	24	4.00																												M1-1		SHS
																FT	FT	FT	FT	FT 30	FT 15		EA	LB	LB	LB		LB	LB	LB	LB							
					SF 18.61	SF	EA.	SF				FT			FT 45					LB			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-12.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 184 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																							
SHEET 173					61.23										16	30	60	8					2	228								1			
SHEET 174					59.00																		2			432									
SHEET 175					52.33										8	90	30	9																	
SHEET 176					61.38		3									30		4				51	2			432						1			
SHEET 177					57.42												60	4																	
SHEET 178					45.94										16	45	60	9																	
SHEET 179					61.14												15	1					4	456								2			
SHEET 180					34.38		3										30	2					2	228								1			
SHEET 181					26.61										8			1					2	228											
SHEET 182					49.14		6		2								30	2					2		270							2			
SHEET 183					17.67		1									30	15	3																	
SHEET 184					18.61											30	15	3																	
												FT	FT	FT	FT 48	FT 255	FT 315		EA	LB	LB	LB 51		LB 1140	LB 270	LB 864	LB								
					SF 544.85	SF	EA. 13	SF				FT			FT 618					LB 51			EA. 16	LB 2274				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 21 TRAFFIC SIGN SUMMARY SHEET 13

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS21-13.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
EXIT 22 RAMP A MM. 0.000 RT	22A 0.000 129.654	1	6	8	0.33						1				X			X																	VD-700M	47	
EXIT 22 RAMP A MM. 0.039 RT		1	36	36	9.00						2					X		X																	W3-1		SHS
EXIT 22 RAMP A MM. 0.065 RT	WRONG WAY MOUNTED BACK TO BACK	1 1	36 36	36 24	9.00 6.00						2					X		X																	W6-3 R5-1A		SHS SHS
EXIT 22 RAMP A MM. 0.065 LT	WRONG WAY	1	36	24	6.00						2					X		X																	R5-1A		SHS
EXIT 22 RAMP A MM. 0.095 RT	HIGHGATE SPRS. 3 DO NOT ENTER MOUNTED BACK TO BACK	1 1	72 36	12 36	6.00 9.00						2					X		X																	D1-1A R5-1		E-123 SHS
	GAS/DIESEL 3	1	72	10	5.00																														VD-502GD	49	
EXIT 22 RAMP A MM. 0.134 RT	NORTH SOUTH SOUTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2													2	X								#3	M3-1 BLACK ON WHITE SIGN FRAME REQUIRED M3-3 WHITE ON BLUE M3-3 BLACK ON WHITE		SHS SHS SHS
	7 INTERSTATE 89 7	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																														M1-4 M1-1 M1-4		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																														M6-1L BLACK ON WHITE M6-1L WHITE ON BLUE M6-1R BLACK ON WHITE		SHS SHS SHS
					SF 74.90	SF	EA.	SF				FT	FT	FT	FT 8	FT 120	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 186 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 22 RAMP A MM. 0.134 LT	NORTH	1	24	12	2.00						2					X		X																M3-1 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																												M1-1		SHS
		1	21	15	2.19																												M6-2 WHITE ON BLUE		SHS
EXIT 22 RAMP A MM. 0.162 LT	STOP	1	30	30	6.25						1					X		X																R1-1		SHS
EXIT 22 RAMP A MM. 0.162 RT	STOP	1	30	30	6.25						1					X		X																R1-1		SHS
EXIT 22 RAMP B MM. 0.000 RT	22B 0.000 A0.120	1	6	8	0.33						1				X			X																VD-700M	47	
EXIT 22 RAMP B MM. 0.000 RT	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2						X	X																VR-002		E-142
	PROHIBITED PEDESTRIANS HITCHHIKERS STOPPING FOR HITCHHIKERS ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												VR-046		E-142
EXIT 22 RAMP B MM. 0.025 LT		1	24	30	5.00						1					X		X																R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																													OM1-1 OM1-1		SHS SHS
					SF 48.52	SF	EA.	SF				FT	FT	FT	FT 8	FT 75	FT 30		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
															FT 113					LB			EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-2.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 187 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 22 RAMP B MM. 0.040 LT		1	24	30	5.00						1					X		X															WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 RAMP B MM. 0.060 LT		1	24	30	5.00						1					X		X															WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 RAMP B MM. 0.080 LT		1	24	30	5.00						1					X		X															WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 RAMP B MM. 0.090 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 22 RAMP B MM. 0.097 RT	22B 0.097 129.782	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 22 RAMP C MM. 0.000 RT	22C 0.000 D0.104	1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 22 RAMP C MM. 0.010 LT		1	24	30	5.00						1					X		X															R4-7		SHS
	MOUNTED BACK TO BACK	1 1	18 18	18 18	2.25 2.25																												OMI-1 OMI-1		SHS SHS
EXIT 22 RAMP C MM. 0.017 RT	SOUTH	1	24	12	2.00						2					X		X															M3-3 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																												MI-1		SHS
			SF	SF	EA.	SF			FT	FT	FT	FT 16	FT 120	FT 136		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-3.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 188 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMMED REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
		1	21	15	2.19																													M6-2 WHITE ON BLUE		SHS
EXIT 22 RAMP C MM. 0.037 RT		1	36	36	9.00						2						X	X															VR-002		E-142
		1	36	36	9.00																												VR-046		E-142
EXIT 22 RAMP C MM. 0.059 RT		1	36	36	9.00						2					X		X															R3-2		SHS
EXIT 22 RAMP C MM. 0.083 RT		1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 22 RAMP D MM. 0.000 RT		1	6	8	0.33						1				X			X															VD-700M	47	
EXIT 22 RAMP D MM. 0.052 LT		1	36	36	9.00						2						X	X															W3-1		SHS
EXIT 22 RAMP D MM. 0.063 LT		1	36	24	6.00 ~~5.00~~						2					X		X															R5-1A		SHS
					SF 44.85 ~~43.85~~	SF	EA.	SF				FT	FT	FT	FT 16	FT 60	FT 60		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						
												FT			FT 136					LB			EA.	LB				EA.	EA.					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 189 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 22 RAMP D MM. 0.063 RT	HIGHGATE SPRS. 3 →	1	72	12	6.00						2												2	X									DI-1A		E-123
	WRONG WAY MOUNTED BACK TO BACK	1	36	24	~~5.00~~ 6.00																											R5-1A		SHS
	GAS/DIESEL 3 →	1	72	10	5.00																											VD-502GD	49	
	 MOUNTED BACK TO BACK	1	24	24	4.00																											R9-4A		SHS
	TO	1	24	12	2.00																											M4-5 BLACK ON WHITE		SHS
	SOUTH	1	24	12	2.00																											M3-3 BLACK ON WHITE		SHS
	7	1	24	24	4.00																											M1-4		SHS
	→	1	21	15	2.19																											M6-1R BLACK ON WHITE		SHS
EXIT 21 RAMP D MM. 0.081 RT	 DO NOT ENTER MOUNTED BACK TO BACK	1	36	36	9.00						2					X		X														W6-3		SHS
		1	30	30	6.25																											R5-1		SHS
EXIT 22 RAMP D MM. 0.106 RT	STOP	1	30	30	6.25						1					X		X														R1-1		SHS
					SF ~~51.69~~ 52.69	SF	EA.	SF				FT	FT	FT	FT	FT 45	FT		EA	LB	LB	LB	EA. 2	LB 228	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-5.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 190 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	SQUARE STEEL (in) lb/ft 2.0 / 2.42	SQUARE STEEL (in) lb/ft 2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 / 1.3	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 / 1.7	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 MOD / 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 / 7.6	TUBULAR STEEL Ø (in) lb/ft 3.5 / 9.0	TUBULAR STEEL Ø (in) lb/ft 4.0 / 10.8	TUBULAR STEEL Ø (in) lb/ft 5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 22 US ROUTE 7 MM. 5.745 RT	JCT	1	21	15	2.19						1					X		X																M2-1 WHITE ON BLUE		SHS
	INTERSTATE 89	1	24	24	4.00																												M1-1		SHS
EXIT 22 US ROUTE 7 MM. 5.770 LT	P PARKING	1	30	24	5.00						1					X		X																D4-1		SHS
EXIT 22 US ROUTE 7 MM. 5.775 RT	← CANADA	1	72	12	6.00						2					X		X																D1-1		E-123
	CHAMPLAIN BIKEWAY						1																												
							1																												
EXIT 22 US ROUTE 7 MM. 5.795 LT	SALT REDUCTION AREA	1	30	30	6.25						1					X		X																VW-290		E-150
	NEXT 6 MILES	1	24	18	3.00																													W7-3A		SHS
EXIT 22 US ROUTE 7 MM. 5.800 RT	0070 0606 0580	1	6	10	0.42						1					X		X																VD-700		E-138
					SF 26.86	SF	EA. 2	SF				FT	FT	FT	FT 8	FT 75	FT 83		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-6.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 191 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 22 US ROUTE 7 MM. 5.810 RT	NORTH SOUTH NORTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-1 WHITE ON BLUE SIGN FRAME REQUIRED M3-3 WHITE ON BLUE M3-1 BLACK ON WHITE		SHS SHS SHS
	89 89 7	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																													M1-1 M1-1 M1-4		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																													M6-1L WHITE ON BLUE M6-3 WHITE ON BLUE M6-3 BLACK ON WHITE		SHS SHS SHS
EXIT 22 US ROUTE 7 MM. 5.815 LT	SOUTH	1	24	12	2.00						1					X		X																M3-3 BLACK ON WHITE		SHS
	7	1	24	24	4.00																													M1-4		SHS
EXIT 22 US ROUTE 7 MM. 5.820 RT	NORTH SOUTH SOUTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												2	X								#3	M3-1 BLACK ON WHITE SIGN FRAME REQUIRED M3-3 WHITE ON BLUE M3-3 BLACK ON WHITE		SHS SHS SHS
	7 89 7	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																													M1-4 M1-1 M1-4		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																													M6-1L BLACK ON WHITE M6-1L WHITE ON BLUE M6-1R BLACK ON WHITE		SHS SHS SHS
					SF	SF	EA.	SF				FT	FT	FT	FT	FT 15	FT		EA	LB	LB	LB		LB 456	LB	LB	LB	EA.	EA.						
					55.14							FT			FT 15					LB			EA. 4		LB 456			EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 7

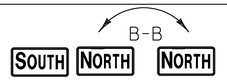
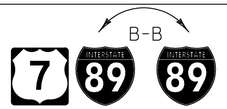
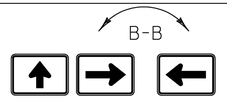
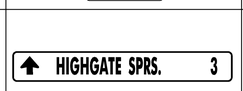
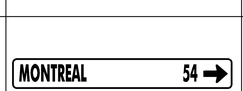
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-7.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 192 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 22 US ROUTE 7 MM. 5.830 LT		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2						X	X														#2	M3-3 BLACK ON WHITE SIGN FRAME REQUIRED M3-1 WHITE ON BLUE M3-1 WHITE ON BLUE		SHS SHS SHS
		1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												M1-4 M1-1 M1-1		SHS SHS SHS
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M6-3 BLACK ON WHITE M6-1R WHITE ON BLUE M6-1L WHITE ON BLUE		SHS SHS SHS
EXIT 22 US ROUTE 7 MM. 5.852 RT		1	24	30	5.00						1					X		X																VR-017		E-141
EXIT 22 US ROUTE 7 MM. 5.865 LT		1	72	12	6.00						2					X		X																DI-1A		E-123
		1	72	12	6.00																													DI-1A		E-123
EXIT 22 US ROUTE 7 MM. 5.868 RT							1				1					X		X																		
		1	30	30	6.25																													RI-1		SHS
		1	6	10	0.42																													VD-700 MOUNT REFERENCE PLAQUE BACK TO BACK WITH STOP SIGN		E-138
					SF 48.24	SF	EA. 1	SF				FT	FT	FT	FT	FT 60	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.							
												FT			FT 90					LB			EA.	LB				EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-8.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 193 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
EXIT 22 US ROUTE 7 MM. 5.935 RT		1	30	30	6.25						1						X	X																WI-2L		SHS
		1	18	18	2.25																													WI3-1		SHS
EXIT 22 US ROUTE 7 MM. 6.000 ~~RT~~ LT		1	6	10	0.42						1				X			X																VD-700		E-138
EXIT 22 US ROUTE 7 MM. 6.005 LT		1	30	30	6.25						2						X	X																WI-10R		SHS
		1	30	30	6.25																													VW-202		E-154
		1	18	18	2.25																													WI3-1		SHS
EXIT 22 US ROUTE 7 MM. 6.035 RT		1	24	30	5.00						1					X		X																WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 US ROUTE 7 MM. 6.055 RT		1	24	30	5.00						1					X		X																WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 US ROUTE 7 MM. 6.070 RT		1	24	30	5.00						1					X		X																WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
					FT	FT	FT	FT 8	FT 45	FT 45		EA	LB	LB	LB		LB	LB	LB	LB																
					SF 38.67	SF	EA.	SF				FT			FT 98					LB			EA.	LB				EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-9.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 194 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
EXIT 22 US ROUTE 7 MM. 6.080 RT	END	1	24	12	2.00						1					X		X															M4-6 BLACK ON WHITE		SHS
	7	1	24	24	4.00																											MI-4		SHS
EXIT 22 US ROUTE 7 MM. 6.090 RT		1	24	30	5.00						1					X		X														WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 US ROUTE 7 MM. 6.110 RT		1	24	30	5.00						1					X		X														WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 US ROUTE 7 MM. 6.125 RT		1	24	30	5.00						1					X		X														WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 US ROUTE 7 MM. 6.140 RT		1	24	30	5.00						1					X		X														WI-8R FLUORESCENT YELLOW SHEETING (TYPE IX)		SHS
EXIT 22 US ROUTE 7 MM. 6.155 RT	← SWANTON 7	1	72	12	6.00						2					X		X														DI-1A		E-123
	← ST. ALBANS 14	1	72	12	6.00																											DI-1A		E-123
EXIT 22 US ROUTE 7 MM. 6.170 LT	THROUGH WAY BEGINS HERE / THROUGH WAY ENDS HERE (MOUNTED BACK TO BACK)	1 1	24 24	24 24	4.00 4.00						1					X		X														VR-041 VR-040		E-141 E-141
					SF 46.00	SF	EA.	SF				FT	FT	FT	FT	FT 120	FT 120		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 10

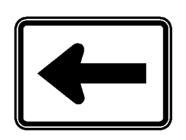
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-10.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 195 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STD. SHEET NUMBER
												OPTION ITEMS																							
EXIT 22 US ROUTE 7 MM. 6.175 RT		1	24	12	2.00						1					X		X															M3-3 WHITE ON BLUE		SHS
		1	24	24	4.00																												M1-1		SHS
		1	21	15	2.19																												M6-1L WHITE ON BLUE		SHS
EXIT 22 US ROUTE 7 MM. 6.180 LT		1	24	12	2.00						1					X		X															M3-3 BLACK ON WHITE		SHS
		1	24	24	4.00																												M1-4		SHS
							1																												

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

"A"	"B"	SALV SIGN	SALV TIS	FLANGED CHANNEL	SQUARE STEEL	ANCHOR	TUBULAR ALUMINUM	FOUNDATION	TUBULAR STEEL	FTG. 24"	FTG. 30"
				FT / FT / FT	FT / FT 30 / FT	EA	LB / LB / LB		LB / LB / LB / LB		
SF	SF	EA.	SF	FT	FT		LB	EA.	LB	EA.	EA.
14.19		1			30						

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 11

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-11.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 196 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
											OPTION ITEMS																										
EXIT 22 US ROUTE 7 MM. 6.205 RT	COUNTRY CLUB RD						I				I					X		X																		
	WELCOME CENTER RD						I																													
	STOP	I	30	30	6.25																												RI-1		SHS
EXIT 22 US ROUTE 7 MM. 6.210 LT	STOP	I	30	30	6.25						I					X		X															RI-1		SHS
	0070 0609 0621	I	6	10	0.42																											VD-700 MOUNT REFERENCE PLAQUE BACK TO BACK WITH STOP SIGN		E-138
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".		SF 12.92	SF	EA. 2	SF		FT	FT	FT	FT	FT 30	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.								
							FT			FT 30					LB			EA.		LB			EA.	EA.								

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-12.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 197 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGNS REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
												OPTION ITEMS																							
SHEET 186					74.90										8	120		9					2	228								1		
SHEET 187					48.52										8	75	30	8																
SHEET 188					40.16										16	120		10																
SHEET 189					43.85										16	60	60	10																
SHEET 190					51.69											45		3					2	228										
SHEET 191					26.86		2								8	75		6																
SHEET 192					55.14											15		1					4	456								2		
SHEET 193					48.24		1									60	30	6														1		
SHEET 194					38.67										8	45	45	7																
SHEET 195					46.00											120		8																
SHEET 196					14.19		1									30		2																
SHEET 197					12.92		2									30		2																

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

		SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.									
		501.14		~~4~~ 6						64	795	165							912															
							FT			FT					LB				EA.		LB			EA.	EA.									
										1024									8		912													

INTERCHANGE 22 TRAFFIC SIGN SUMMARY SHEET 13

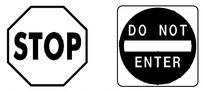
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSS22-13.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 198 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
NORTHBOUND WEIGH STATION		1	36	36	9.00						2					X		X																W3-1A		SHS
NORTHBOUND WEIGH STATION		1 1 1	18 54 18	18 18 18	2.25 6.75 2.25																												OM1-1 MOUNTED ON GATE RII-2 (MODIFIED) OM1-1	46	E-150 E-150
NORTHBOUND WEIGH STATION		1	12	36	3.00						1					X		X																OM-3R		E-107
NORTHBOUND WEIGH STATION		1	42	30	8.75						2					X		X																R5-1A		SHS
NORTHBOUND WEIGH STATION	 MOUNTED BACK TO BACK	1 1	36 36	36 36	9.00 9.00						2					X		X																RI-1 R5-1		SHS SHS
NORTHBOUND WEIGH STATION	 MOUNTED BACK TO BACK	1 1	36 36	36 36	9.00 9.00						2					X		X																RI-1 R5-1		SHS SHS
																																	ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
					SF 76.75	SF	EA.	SF				FT	FT	FT	FT	FT 165	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND WEIGH STATION TRAFFIC SIGN SUMMARY SHEET 1

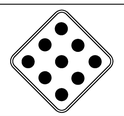
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBWS-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 199 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND WEIGH STATION		1	30	30	6.25						1					X		X																WI2-1		SHS
		1	18	18	2.25																													OMI-1		E-150
NORTHBOUND WEIGH STATION		1	36	12	3.00						2					X		X																R6-1L		SHS
NORTHBOUND WEIGH STATION		1	30	24	5.00						1					X		X																R8-4		SHS
NORTHBOUND WEIGH STATION	 MOUNTED BACK TO BACK	1 1	36 36	36 36	9.00 9.00						2					X		X																R3-2 R5-1		SHS SHS
NORTHBOUND WEIGH STATION	 MOUNTED BACK TO BACK	1 1	36 36	36 36	9.00 9.00						2					X		X																R3-2 R5-1		SHS SHS
NORTHBOUND WEIGH STATION		1	30	24	5.00						1					X		X																R8-4		SHS
SHEET 199 SHEET 200					76.75 57.50											165 135		11 9																ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
					SF 134.25	SF	EA.	SF				FT	FT	FT	FT	FT 300	FT 300		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND WEIGH STATION TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBWS-2.i
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 200 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND REST AREA	PROHIBITED OVERNIGHT CAMPING UNATTENDED VEHICLES COMMERCIAL ENTERPRISES	1	30	24	5.00						1					X		X																VR-032 REMOVE EXISTING SIGN FROM LIGHT POLE. PLACE PROPOSED SIGN A MINIMUM OF 10 FEET AWAY FROM LIGHT POLE.		E-144
NORTHBOUND REST AREA	WRONG WAY	1	42	30	8.75						2					X		X																R5-1A		SHS
NORTHBOUND REST AREA	WRONG WAY	1	42	30	8.75						2					X		X																R5-1A		SHS
NORTHBOUND REST AREA	DO NOT ENTER	1	36	36	9.00						2					X		X																R5-1		SHS
NORTHBOUND REST AREA	DO NOT ENTER	1	36	36	9.00						2					X		X																R5-1		SHS
NORTHBOUND REST AREA		1	24	24	4.00						1					X		X																D9-6 WHITE ON BLUE		SHS
		1	24	6	1.00																													VD-232 WHITE ON BLUE		E-132
					SF 45.50	SF	EA.	SF				FT	FT	FT	FT	FT 150	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.							
												FT			FT 150					LB			EA.	LB				EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND REST AREA TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBRA-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 201 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75	2.0	2.5 lb/ft 1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0	4.0	4.0 MOD lb/ft 1.3	1.7	1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0	3.5	4.0	5.0 lb/ft 7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																																
NORTHBOUND REST AREA CAR/ TRUCK LOOP		1	24	30	5.00						1					X		X																							VD-239	46	
		1	24	30	5.00						1																															VD-235 STANDARD SHOWS 24 x 24	46	
NORTHBOUND REST AREA HANDICAP RAMP		1	30	30	6.25						1					X		X																							R5-1		SHS
NORTHBOUND REST AREA HANDICAP RAMP		1	24	30	5.00						1					X		X																							R4-7A		SHS
		1	18	18	2.25																																			OM1-1		SHS
NORTHBOUND REST AREA HANDICAP RAMP		1	36	24	6.00						2					X		X																							R5-1A		SHS
NORTHBOUND REST AREA HANDICAP RAMP		1	30	30	6.25						1					X		X																							R1-1		SHS
NORTHBOUND REST AREA CAR/ TRUCK LOOP		1	36	12	3.00						2					X		X																							R6-1R		SHS
NORTHBOUND REST AREA HANDICAP RAMP		1	12	18	1.50						1					X		X																							R7-8M	46	
					SF 40.25	SF	EA.	SF				FT	FT	FT	FT	FT 135	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.													
												FT			FT 135					LB			EA.	LB				EA.	EA.													

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND REST AREA TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBRA-2.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 202 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
NORTHBOUND REST AREA HANDICAP RAMP	RESERVED PARKING	1	12	18	1.50						1					X		X															R7-8M	46	
NORTHBOUND REST AREA CAR/ TRUCK LOOP	$500 FINE FOR THROWING TRASH ON HIGHWAYS AND STREAMS	1	24	30	5.00						1					X		X															VR-023B		E-144
NORTHBOUND REST AREA CAR/ TRUCK LOOP		1	24	24	4.00						1					X		X															VR-654		E-143
NORTHBOUND REST AREA CAR/ TRUCK LOOP	SAFETY BELTS REQUIRED	1	30	36	7.50						1					X		X															VR-601	47	
NORTHBOUND REST AREA CAR/ TRUCK LOOP		1	36	36	9.00						2					X		X															R3-2		SHS
NORTHBOUND REST AREA CAR/ TRUCK LOOP	NR 110 0266 110.456	1	6	8	0.33						1				X			X															VR-700M	47	
NORTHBOUND REST AREA CAR/ TRUCK LOOP	WALK DOGS HERE	1	12	18	1.50						1					X		X															VR-541		E-144
	ALL DOGS MUST BE ON LEASH	1	24	24	4.00																												VR-648		E-144
SHEET 201					45.50											150		10																	
SHEET 202					40.25											135		9																	
SHEET 203					32.83										8	105		8																	
					SF 118.58	SF	EA.	SF				FT	FT	FT	FT 8	FT 390	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

NORTHBOUND REST AREA TRAFFIC SIGN SUMMARY SHEET 3

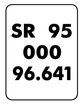
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSNBRA-3.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 203 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND WEIGH STATION		1	6	8	0.33						1				X			X																VD-700M	47	
SOUTHBOUND WEIGH STATION		1	42	30	8.75						2					X		X																R5-1A		SHS
SOUTHBOUND WEIGH STATION		1	42	30	8.75						2					X		X																R5-1A		SHS
SOUTHBOUND WEIGH STATION		1 1 1	18 54 18	18 18 18	2.25 6.75 2.25																												OMI-1 RII-2 (MODIFIED) OMI-1	MOUNTED ON GATE	46	E-150 E-150
SOUTHBOUND WEIGH STATION		1	12	36	3.00						1					X		X																OM-3L		E-107
SOUTHBOUND WEIGH STATION		1	36	36	9.00						2					X		X																R5-1		SHS
SOUTHBOUND WEIGH STATION		1	36	36	9.00						2					X		X																R5-1		SHS
SOUTHBOUND WEIGH STATION		1	36	12	3.00						2					X		X																R6-1R		SHS
																																	ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
					SF 53.08	SF	EA.	SF				FT	FT	FT	FT 8	FT 165	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND WEIGH STATION TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBWS-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 204 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
SOUTHBOUND WEIGH STATION	ONE WAY	1	36	12	3.00						2					X		X															R6-1L		SHS
SOUTHBOUND WEIGH STATION	DO NOT BLOCK DRIVE	1	24	30	5.00						1					X		X															VR-656		E-140
SOUTHBOUND WEIGH STATION	DO NOT ENTER	1	36	36	9.00						2					X		X															R3-2		SHS
	MOUNTED BACK TO BACK	1	36	36	9.00																												R5-1		SHS
SOUTHBOUND WEIGH STATION	DO NOT ENTER	1	36	36	9.00						2					X		X															R3-2		SHS
	MOUNTED BACK TO BACK	1	36	36	9.00																												R5-1		SHS
SOUTHBOUND WEIGH STATION	EMERGENCY PARKING ONLY	1	30	24	5.00						1					X		X															R8-4		SHS
SOUTHBOUND WEIGH STATION	EMERGENCY PARKING ONLY	1	30	24	5.00						1					X		X															R8-4		SHS
SOUTHBOUND WEIGH STATION	EMERGENCY PARKING ONLY	1	30	24	5.00						1					X		X															R8-4		SHS
SHEET 204					53.08										8	165		11															ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
SHEET 205					59.00											150		10																	
					SF 112.08	SF	EA.	SF				FT	FT	FT	FT 8	FT 315	FT 323		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND WEIGH STATION TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBWS-2.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 205 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
SOUTHBOUND REST AREA CAR/ TRUCK LOOP	WRONG WAY	1	36	24	6.00						2					X		X																R5-1A		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP	WRONG WAY	1	42	30	8.75						2					X		X																R5-1A		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP	WRONG WAY	1	42	30	8.75						2					X		X																R5-1A		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP	DO NOT ENTER	1	30	30	6.25						1					X		X																R5-1		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP	DO NOT ENTER	1	30	30	6.25						1					X		X																R5-1		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP	CARS ←	1	24	30	5.00						1					X		X																VD-293 (LEFT ARROW)	X	
	TRUCKS BUSES ↗	1	24	30	5.00																													VD-235	X	
SOUTHBOUND REST AREA	DO NOT ENTER	1	30	30	6.25						1					X		X																R5-1		SHS
																																		ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
					SF 52.25	SF	EA.	SF				FT	FT	FT	FT	FT 150	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						
																FT 150																				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND REST AREA TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBRA-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 206 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND REST AREA	$500 FINE FOR THROWING TRASH ON HIGHWAYS AND STREAMS	1	24	30	5.00						1					X		X															VR-023B		E-144
SOUTHBOUND REST AREA CAR LOOP	ONE WAY	1	36	12	3.00						2					X		X															R6-1R		SHS
SOUTHBOUND REST AREA TRUCK LOOP	ONE WAY	1	36	12	3.00						2					X		X															R6-1L DELETED - IN FRONT OF BLDG		SHS
SOUTHBOUND REST AREA TRUCK LOOP	R	1	24	24	4.00						1					X		X															R8-3A		SHS
	BEYOND THIS POINT	1	24	18	3.00																												VR-345P	47	
SOUTHBOUND REST AREA TRUCK LOOP		1	24	24	4.00						1					X		X															VR-654		E-143
	WALK DOGS HERE	1	12	18	1.50																												VR-541		E-144
SOUTHBOUND REST AREA TRUCK LOOP	R	1	24	24	4.00						1					X		X															R8-3A		SHS
																																	ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
					SF 27.50	SF	EA.	SF				FT	FT	FT	FT	FT 135	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND REST AREA TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBRA-2.1

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 207 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
SOUTHBOUND REST AREA TRUCK LOOP		1	24	24	4.00						1					X		X																R8-3A		SHS
SOUTHBOUND REST AREA TRUCK LOOP		1	12	18	1.50						1					X		X																VR-541		E-144
SOUTHBOUND WEIGH STATION TRUCK LOOP		1	36	24	6.00						2					X		X																R5-1A		SHS
SOUTHBOUND REST AREA TRUCK LOOP	 MOUNTED BACK TO BACK	1 1	36 36	36 24	4.50 6.00						2					X		X																R1-2 R5-1A		SHS SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP		1	36	12	3.00						2					X		X																R6-1R		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP		1	30	36	7.50						1					X		X																VR-601	47	
SOUTHBOUND REST AREA CAR/ TRUCK LOOP		1	36	36	9.00						2					X		X																R3-2		SHS
SOUTHBOUND REST AREA CAR/ TRUCK LOOP		1	36	30	7.50						2					X		X																VD-243D REMOVE SIGN FROM POLE AND INSTALL MIN. OF 10 FEET FROM POLE.	46	
SHEET 206 SHEET 207 SHEET 208					52.25 27.50 49.00											150 135 195		10 9 13																ALL SIGNS SHOWN ARE TO REPLACE EXISTING SIGNS AT THIER EXISTING LOCATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.		
					SF 128.75	SF	EA.	SF				FT	FT	FT	FT	FT 480	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

SOUTHBOUND REST AREA TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSSSBRA-3.1
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 208 OF 221

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND		SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	OPTION ITEMS																																				
NORTHBOUND MAINLINE	SHEET 89					2033.57	6002.25	1								312	2082.75	1170						52	4560	1620			77	11	35600					
SOUTHBOUND MAINLINE	SHEET 123					2357.52	5674.00	1								216	2300.25	1320						~~64~~ 66	4104	3780			81	2	30900					
INTERCHANGE 16	SHEET 126						282.00																								450					
INTERCHANGE 17	SHEET 140					567.28	976.50	7								24	795	60					102	14	912	810			6	4	6940					
INTERCHANGE 18	SHEET 150					418.74		5								40	465	90					51	~~10~~ 8	912	270										
INTERCHANGE 19	SHEET 161					312.35	319.75									56	360	90						8	684			438								
INTERCHANGE 20	SHEET 171					378.58		27								40	285	255			39		153	10	912	270										
INTERCHANGE 21	SHEET 185					544.85		13								48	255	315					51	16	1140	270	864									
INTERCHANGE 22	SHEET 198					501.14		~~6~~ 4								64	795	165						8	912											
NB WEIGH STATION	SHEET 200					134.25											300																			
NB REST AREA	SHEET 203					118.58										8	390																			
SB WEIGH STATION	SHEET 205					112.08										8	315																			
SB REST AREA	SHEET 208					128.75											480																			
																																		• NOTE THAT THE 24 INCH FOOTINGS INCLUDE BOTH ITEM 675.41 FOUNDATIONS FOR W-SHAPED STEEL POSTS, 24 INCH DIAMETER AND ALSO ITEM 900.620 SPECIAL PROVISION (FOUNDATION FOR W-SHAPED STEEL POST, 24 INCH) DIAMETER. THERE ARE 151 FOUNDATIONS TO BE PAID UNDER		
																																	ITEM 675.41, FOUNDATIONS FOR W-SHAPED STEEL POSTS, 24 INCH DIAMETER, AND 13 FOUNDATIONS TO BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (FOUNDATIONS FOR W-SHAPED STEEL POST, 24 INCH DIAMETER). INDIVIDUAL TSSS SHEETS AND CROSS SECTION SHEETS INDICATE LOCATIONS WHERE THE ITEM 900.620 SPECIAL PROVISION		
																																	(FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER) ARE NEEDED. SEE SHEET 5 FOR A TABULAR BREAKDOWN OF THESE ITEMS.		
	SUBTOTAL					7607.69	13254.50						FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB			73890					
	ROUNDING					92.31	45.50									816	8823	3465			39		357		14136	7020	864	438			110					
																96					4				42											
						SF	SF	EA.	SF				FT			FT					LB			EA.	LB				EA.	EA.	LB.					
						7700.00	13300.00	58								13200					400			182	22500				164 •	17	74000					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

TRAFFIC SIGN SUMMARY SHEET TOTALS

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TSSST.I

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 211 OF 221

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

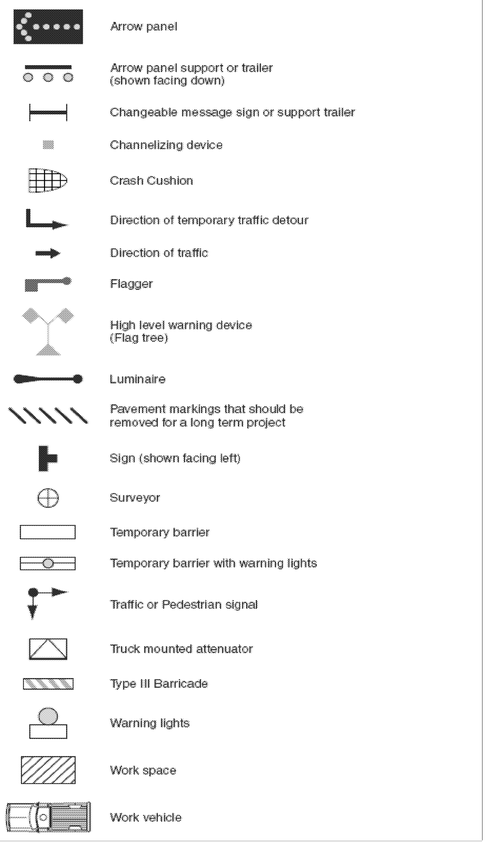


Figure 6E-1. Use of Hand-Signaling Devices by Flaggers

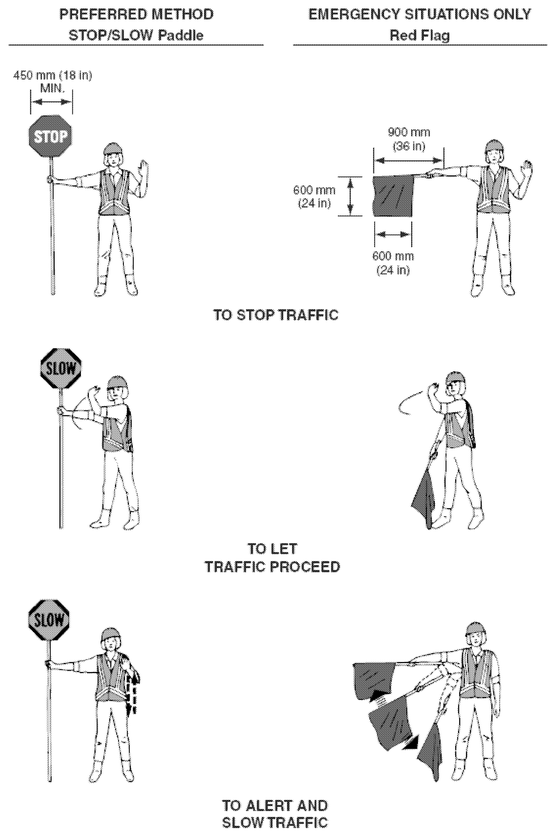


Figure 6C-2. Types of Tapers and Buffer Spaces

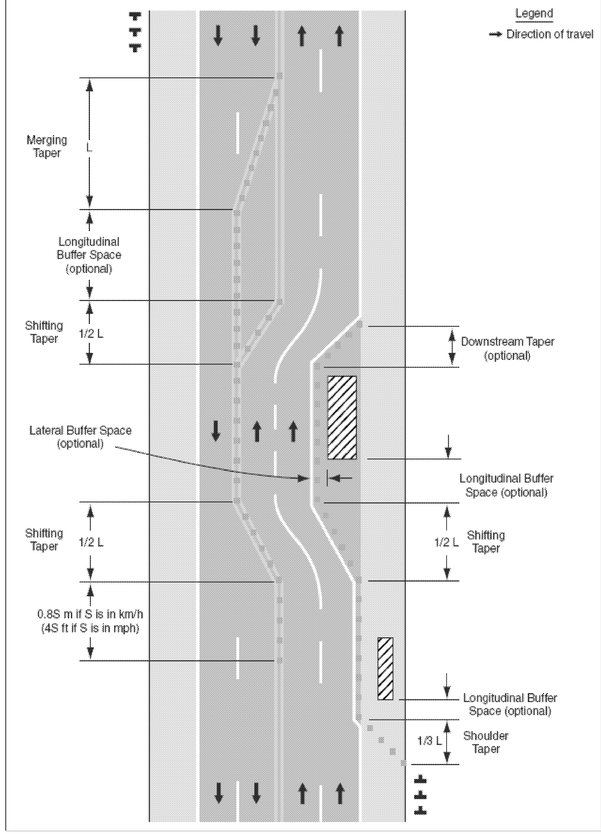
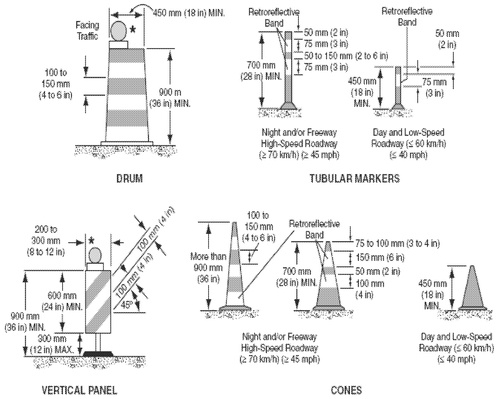


Figure 6F-7. Channelizing Devices (Sheet 1 of 2)



* Warning lights (optional)

Note: If drums, cones, or tubular markers are used to channelize pedestrians, they shall be located such that there are no gaps between the bases of the devices, in order to create a continuous bottom, and the height of each individual drum, cone, or tubular marker shall be no less than 900 mm (36 in) to be detectable to users of long canes.

Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	30 m (100 ft) maximum
Downstream Taper	30 m (100 ft) per lane

Table 6C-4. Formulas for Determining Taper Lengths

Speed Limit (S)	Taper Length (L) Meters
60 km/h or less	$L = \frac{WS^2}{155}$
70 km/h or more	$L = \frac{WS}{1.6}$

Speed Limit (S)	Taper Length (L) Feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	L = WS

Where: L = taper length in meters (feet)
W = width of offset in meters (feet)
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in km/h (mph)

TEMPORARY TRAFFIC CONTROL NOTES

1. ALL TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THESE PROJECT PLANS, APPLICABLE VTRANS E-SERIES STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD),DATED 2003, AND ITS LATEST REVISIONS, OR AS DIRECTED BY THE RESIDENT ENGINEER. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THE TEMPORARY TRAFFIC CONTROL PROVIDED, HE/SHE MAY SUBMIT AN ALTERNATE PROPOSAL AT THE PRE-CONSTRUCTION MEETING IMPLEMENTING THE PROPOSED CHANGES FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR MUST PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES.
3. THE CONTRACTOR SHALL CONDUCT THE WORK AT ALL TIMES IN SUCH A MANNER AND IN SUCH SEQUENCE SO AS TO ENSURE THE LEAST INTERFERENCE WITH TRAFFIC.
4. SIGNS SHALL ONLY BE VISIBLE TO MOTORIST AT THE TIMES WHEN THE MESSAGE IS PERTINENT, I.E. A "FLAGGER AHEAD" SIGN SHALL ONLY BE VISIBLE TO MOTORIST WHEN THE FLAGGER IS ACTUALLY PRESENT PERFORMING THEIR DUTIES.
5. THE BID PRICE FOR ITEM 641.10, "TRAFFIC CONTROL", SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, 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. THE FOLLOWING ITEMS WILL BE PAID FOR SEPARATELY: 630.10 AND 630.15 - UNIFORMED TRAFFIC OFFICERS AND FLAGGERS, 641.15 - PORTABLE CHANGEABLE MESSAGE SIGN, 641.16 PORTABLE ARROW BOARD.
6. TRAFFIC CONTROL FOR THE REMOVAL OF THE OVERHEAD SIGN BRIDGES AT INTERCHANGE 18, AND THE REMOVAL AND REPLACEMENT OF THE OVERHEAD SIGN BRIDGE AT INTERCHANGE 19 SHALL BE IN ACCORDANCE WITH TYPICAL APPLICATIONS SHOWN ON THESE PLANS AND RELEVANT SECTIONS OF THE MUTCD. ADDITIONALLY, SHORT TERM TRAFFIC STOPPAGES WILL BE NECESSARY FOR THE REMOVAL AND REPLACEMENT OF THESE STRUCTURES. TRAFFIC STOPPAGES SHALL NOT EXCEED 15 MINUTE PERIODS. TRAFFIC STOPPAGES FOR THE REMOVAL AND REPLACEMENT OF THE OVERHEAD SIGN BRIDGES SHALL BE PERFORMED ON A SUNDAY MORNING BEFORE THE HOUR OF 10:00 A.M. A QUANTITY OF ITEM 641.15 "PORTABLE CHANGEABLE MESSAGE SIGN" HAS BEEN INCLUDED TO ALLOW THE CONTRACTOR TO NOTIFY THE PUBLIC OF EXPECTED STOPPAGES. NOTICE OF STOPPAGES SHALL BEGIN NO LESS THAN 1 WEEK PRIOR TO THE FIRST STOPPAGE.

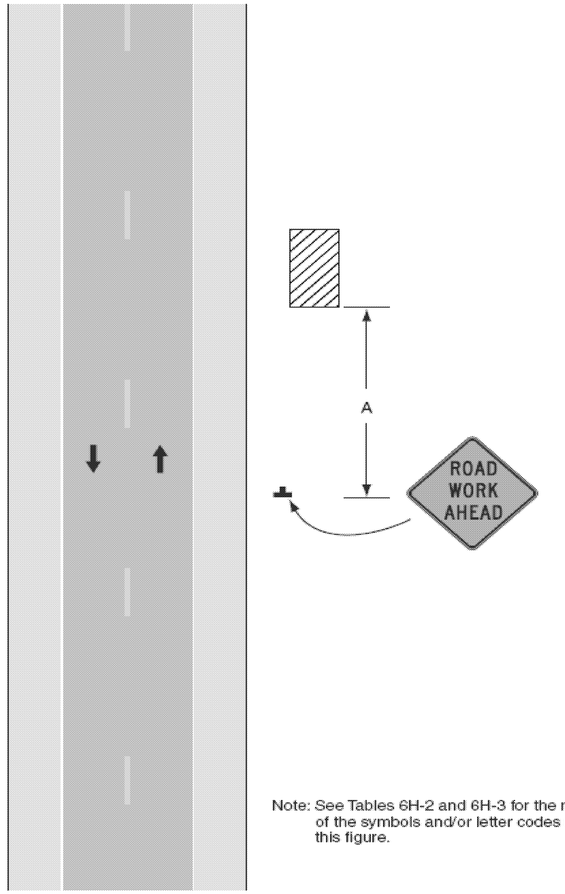
TRAFFIC CONTROL DETAILS SHEET 1

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TCD-1.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 212 OF 221

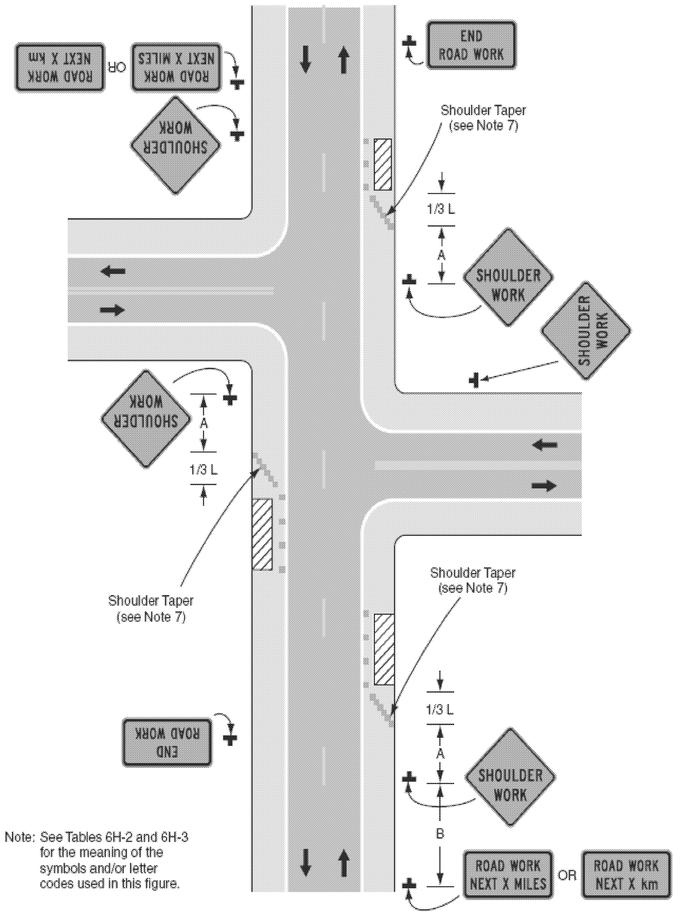
Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

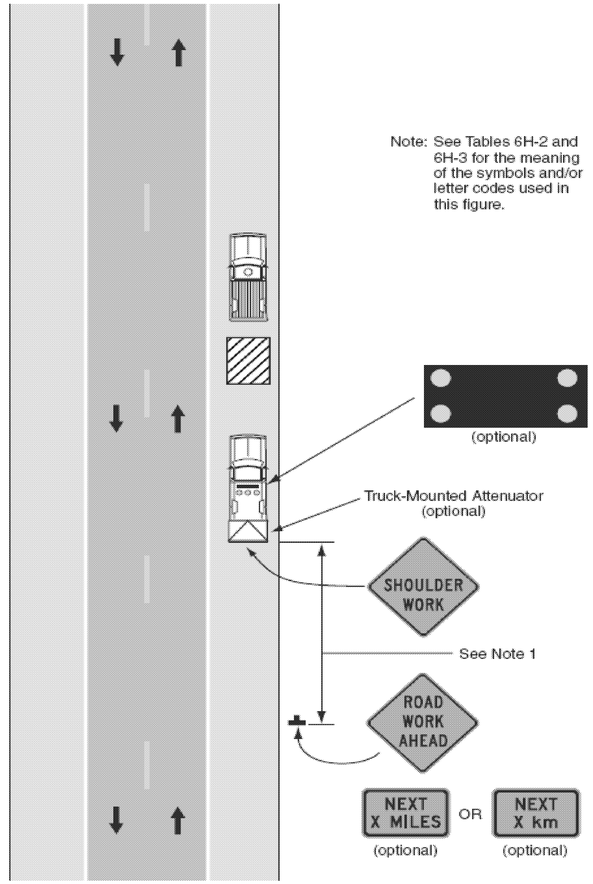
Figure 6H-3. Work on Shoulders (TA-3)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 3

Figure 6H-4. Short-Duration or Mobile Operation on Shoulder (TA-4)



Typical Application 4

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	30 (100)	30 (100)	30 (100)
Urban (high speed)*	100 (350)	100 (350)	100 (350)
Rural	150 (500)	150 (500)	150 (500)
Expressway / Freeway	300 (1,000)	450 (1,500)	800 (2,640)

* Speed category to be determined by highway agency

** Distances are shown in meters (feet). The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The third sign is the first one in a three-sign series encountered by a driver approaching a TTC zone.)

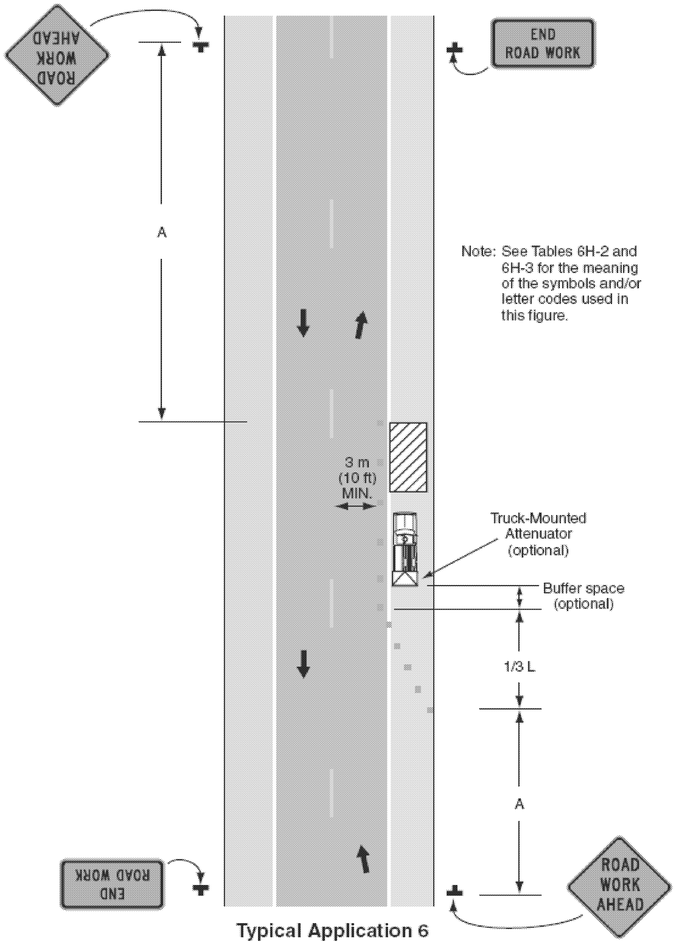
TRAFFIC CONTROL DETAILS SHEET 2

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TCD-2.i

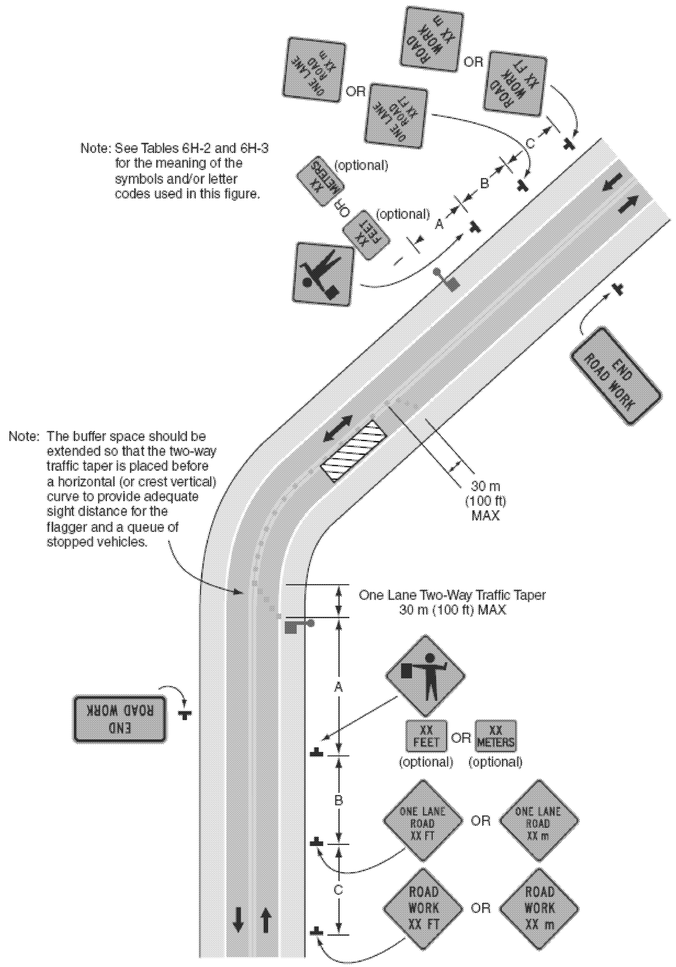
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 213 OF 221

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



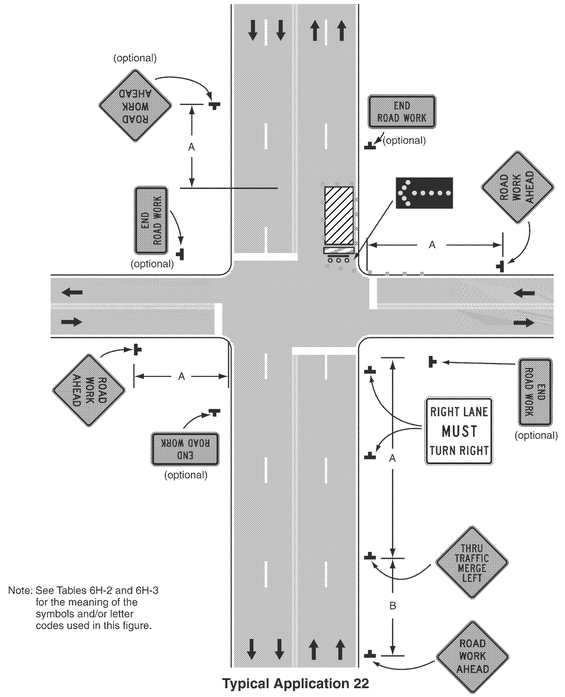
Typical Application 6

Figure 6H-10. Lane Closure on Two-Lane Road Using Flaggers (TA-10)



Typical Application 10

Figure 6H-22. Right Lane Closure on Far Side of Intersection (TA-22)



Typical Application 22

Notes for Figure 6H-22—Typical Application 22
Right Lane Closure on Far Side of Intersection

Guidance:

1. If the work space extends across a crosswalk, the crosswalk should be closed using the information and devices shown in Figure 6H-29.

Option:

2. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turns only, as shown. This procedure increases the through capacity by eliminating right turns from the open through lane.
3. For intersection approaches reduced to a single lane, left-turning movements may be prohibited to maintain capacity for through vehicular traffic.
4. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
5. Where the turning radius is large, it may be possible to create a right-turn island using channelizing devices or pavement markings.

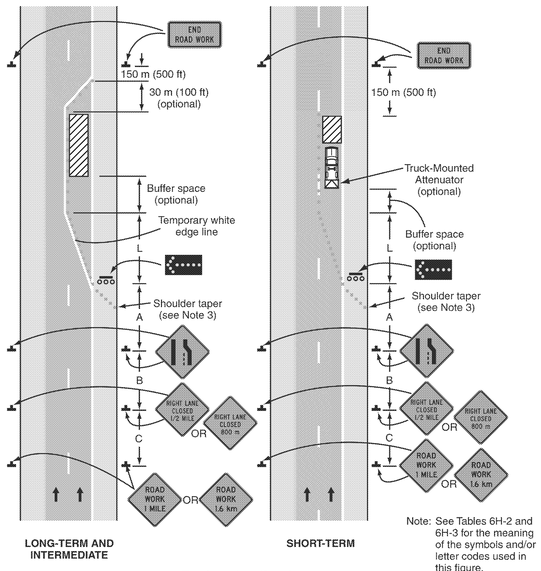
TRAFFIC CONTROL DETAILS SHEET 3

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TCD-3.I

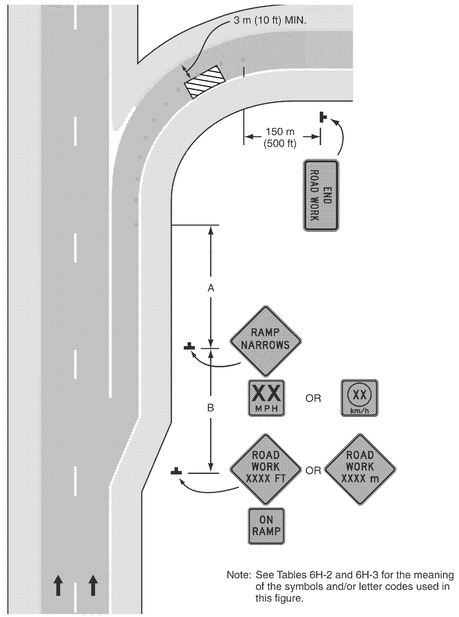
PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 214 OF 221

Figure 6H-33. Stationary Lane Closure on Divided Highway (TA-33)



Typical Application 33

Figure 6H-43. Partial Exit Ramp Closure (TA-43)



Typical Application 43

Notes for Figure 6H-33—Typical Application 33
Stationary Lane Closure on Divided Highway

Standard:

1. **This information also shall be used when work is being performed in the lane adjacent to the median on a divided highway. In this case, the LEFT LANE CLOSED signs and the corresponding Lane Ends signs shall be substituted.**
2. **When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed as needed.**

Guidance:

3. When paved shoulders having a width of 2.4 m (8 ft) or more are closed, channelizing devices should be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the traveled way.

Option:

4. A truck-mounted attenuator may be used on the work vehicle and/or shadow vehicle.

Support:

5. Where conditions permit, restricting all vehicles, equipment, workers, and their activities to one side of the roadway might be advantageous.

Notes for Figure 6H-43—Typical Application 43
Partial Exit Ramp Closure

Guidance:

1. Truck off-tracking should be considered when determining whether the minimum lane width of 3 m (10 ft) is adequate (see Section 6G.07).

TRAFFIC CONTROL DETAILS SHEET 4

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

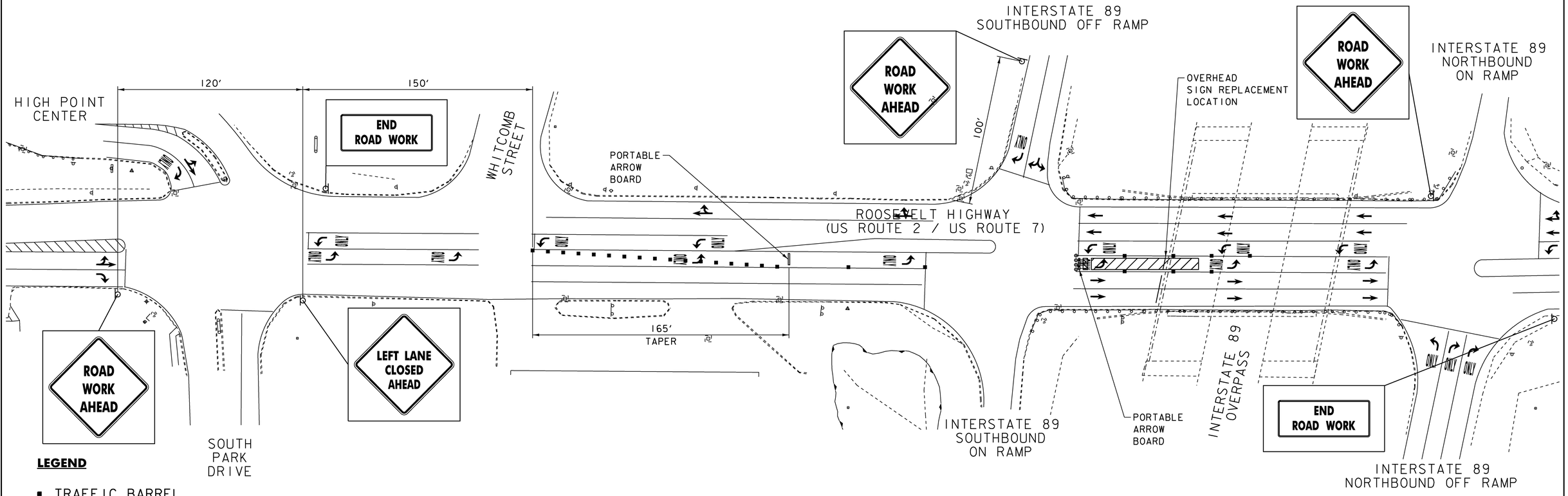
FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016TCD-4.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 215 OF 221

TRAFFIC CONTROL NOTES:

1. 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.
2. A MINIMUM LANE WIDTH OF 10'-0" SHALL BE MAINTAINED.
3. ALL WORK ASSOCIATED WITH THE REPLACEMENT OF THE OVERHEAD SIGNS SHALL BE PERFORMED ON A SUNDAY MORNING BEFORE 10:00 AM.
4. THE CONTRACTOR SHALL ENSURE ACCESS TO BUSINESSES AT ALL TIMES.
5. ALL REASONABLE EFFORTS SHALL BE MADE TO ACCOMMODATE PEDESTRIAN AND BICYCLE TRAVEL AT ALL TIMES. THIS CAN INCLUDE, BUT IS NOT LIMITED TO A DEDICATED PEDESTRIAN ESCORT, SIGNAGE AND CONED OFF WALKING AREAS WITHIN CLOSED LANES. FLAGGERS SHALL NOT BE USED AS PEDESTRIAN ESCORTS.
6. DRUMS SHOULD BE USED TO CHANNELIZE OR DELINEATE TRAFFIC FLOW WHILE REFLECTORIZED CONES ARE BETTER SUITED TO DELINEATE DRIVES WITHIN THE WORKZONE.
7. THE CONTRACTOR SHALL COVER OR REMOVE ALL EXISTING SIGNS THAT CONTRADICT TEMPORARY TRAFFIC CONTROL SIGNS.
8. ALL LANE SHIFTS AND TAPERS SHALL BE DESIGNED IN ACCORDANCE WITH PART 6 OF THE MUTCD AND VTRANS STANDARDS.
9. DURING CONSTRUCTION UNIFORMED TRAFFIC CONTROL OFFICERS SHALL BE PLACED AT EACH OF THE SIGNALIZED INTERSECTIONS IN THE IMMEDIATE VICINITY TO DIRECT TRAFFIC AT SAID INTERSECTIONS. UNIFORMED TRAFFIC CONTROL OFFICERS SHALL WEAR DEPARTMENTALLY REQUIRED AND APPROVED RETROREFLECTIVE GARMENTS.
10. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED ON INTERSTATE 89 INCLUDING "SHOULDER CLOSED" AND/OR "ROAD WORK AHEAD" SIGNAGE PER THE DIRECTION OF THE RESIDENT ENGINEER.

VT STATE PLANE GRID N



LEGEND

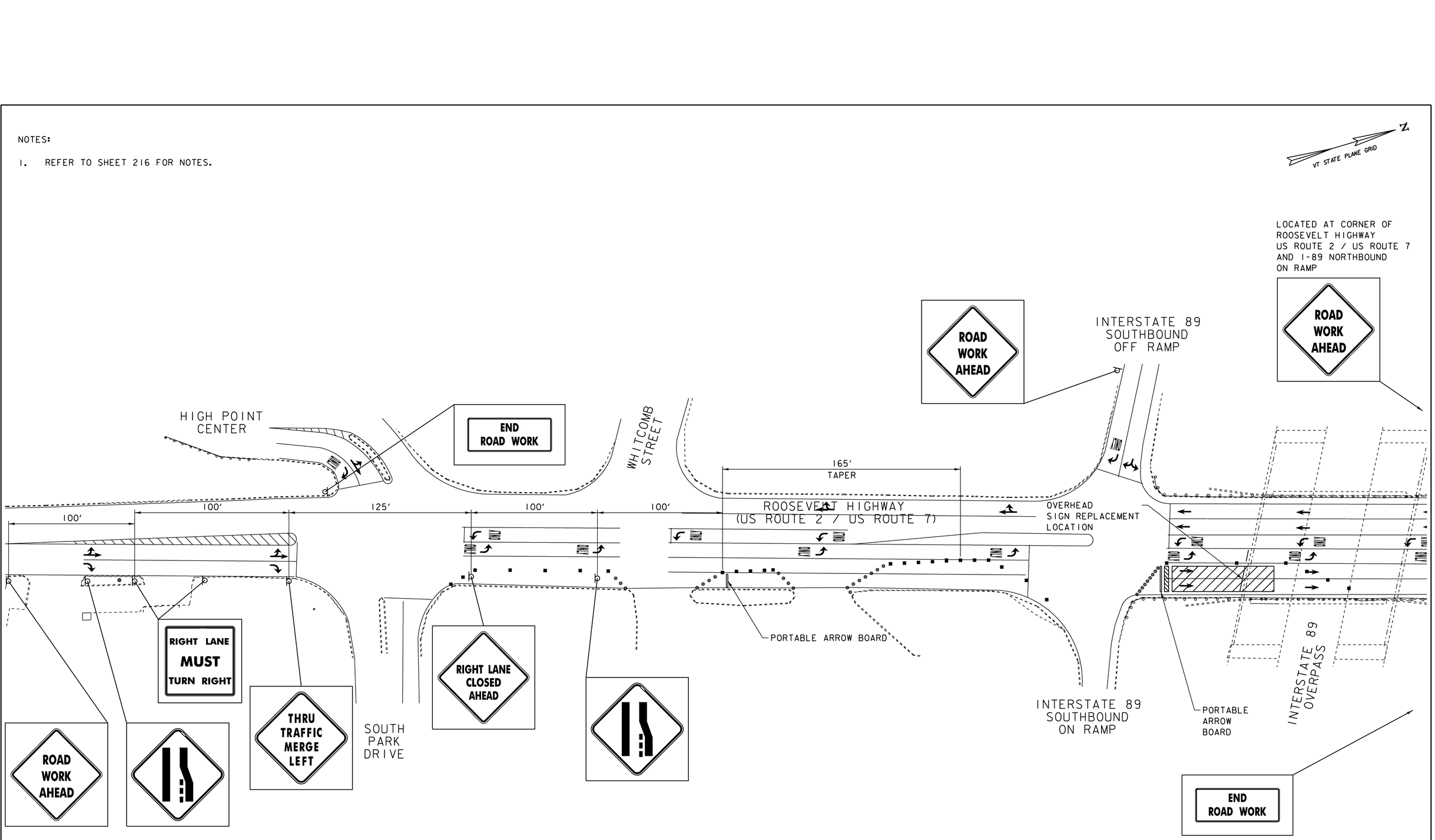
- ▪ TRAFFIC BARREL
- ◦ TRAFFIC CONE
- ▨ WORK AREA
- ▧ TYPE III BARRICADE
- ‖ FLASHING ARROW

TRAFFIC CONTROL FOR REPLACEMENT OF I-89 NORTHBOUND SIGN

INTERCHANGE 16 SIGN REPLACEMENT TRAFFIC CONTROL SHEET 1	PROJECT NAME: COLCHESTER-HIGHGATE PROJECT NUMBER: IMG SIGN (17)
FILE NAME: 09A016.DGN PROJECT LEADER: EPD DESIGNED BY: BMB PLOT FILE: 09A016SRTC-1.I	PLOT DATE: 8/21/2009 DRAWN BY: BMB CHECKED BY: EPD SHEET 216 OF 221

NOTES:

1. REFER TO SHEET 216 FOR NOTES.



LEGEND

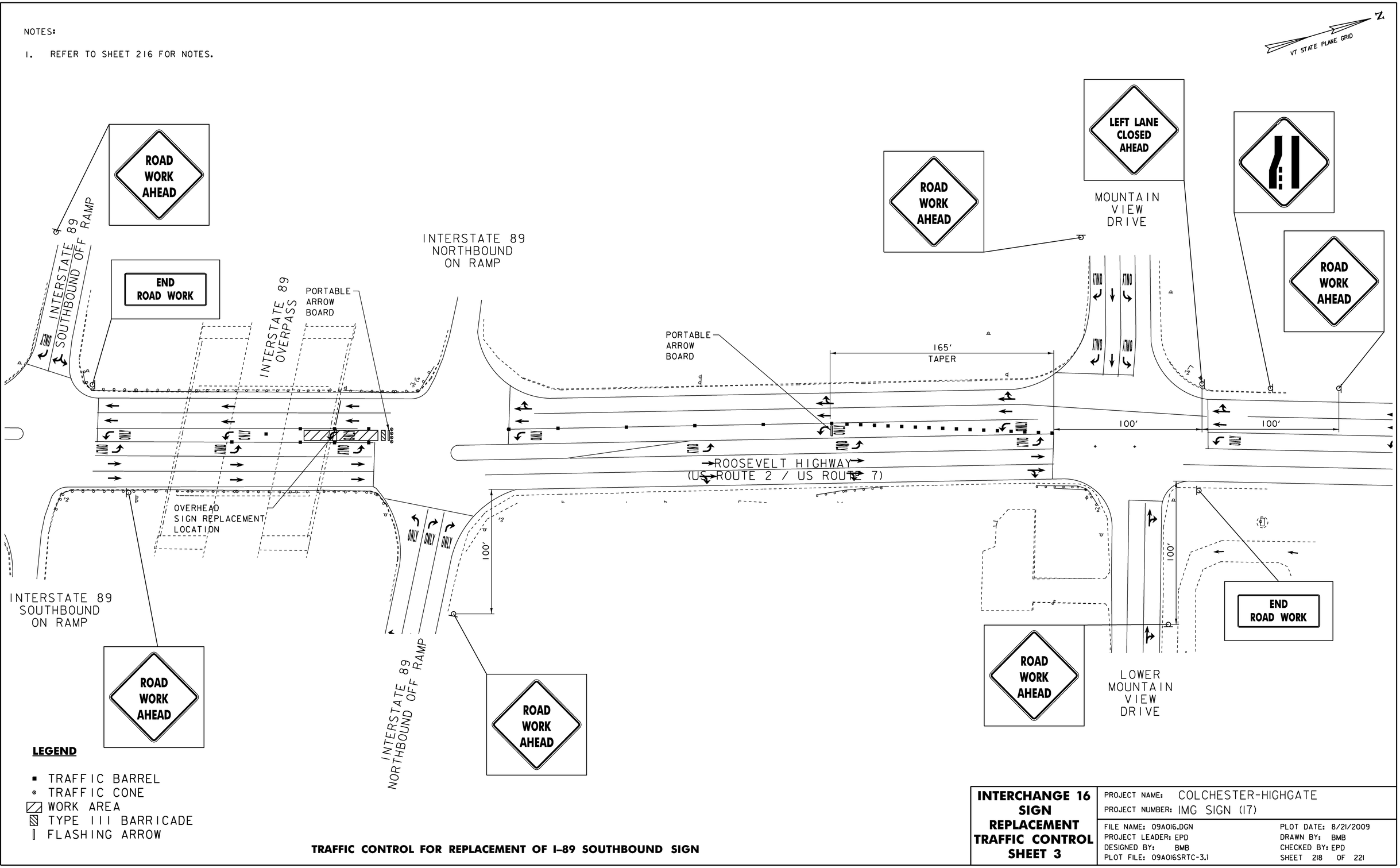
- ▪ TRAFFIC BARREL
- ◦ TRAFFIC CONE
- ▨ WORK AREA
- ▧ TYPE III BARRICADE
- ‖ FLASHING ARROW

TRAFFIC CONTROL FOR REPLACEMENT OF US 2 WEST /US 7 NORTH SIGN

INTERCHANGE 16 SIGN REPLACEMENT TRAFFIC CONTROL SHEET 2	PROJECT NAME: COLCHESTER-HIGHGATE PROJECT NUMBER: IMG SIGN (17)
FILE NAME: 09A016.DGN PROJECT LEADER: EPD DESIGNED BY: BMB PLOT FILE: 09A016SRTC-2.I	PLOT DATE: 8/21/2009 DRAWN BY: BMB CHECKED BY: EPD SHEET 217 OF 221

NOTES:

1. REFER TO SHEET 216 FOR NOTES.



LEGEND

- ▪ TRAFFIC BARREL
- ⊙ TRAFFIC CONE
- ▨ WORK AREA
- ▥ TYPE III BARRICADE
- ‖ FLASHING ARROW

TRAFFIC CONTROL FOR REPLACEMENT OF I-89 SOUTHBOUND SIGN

INTERCHANGE 16 SIGN REPLACEMENT TRAFFIC CONTROL SHEET 3

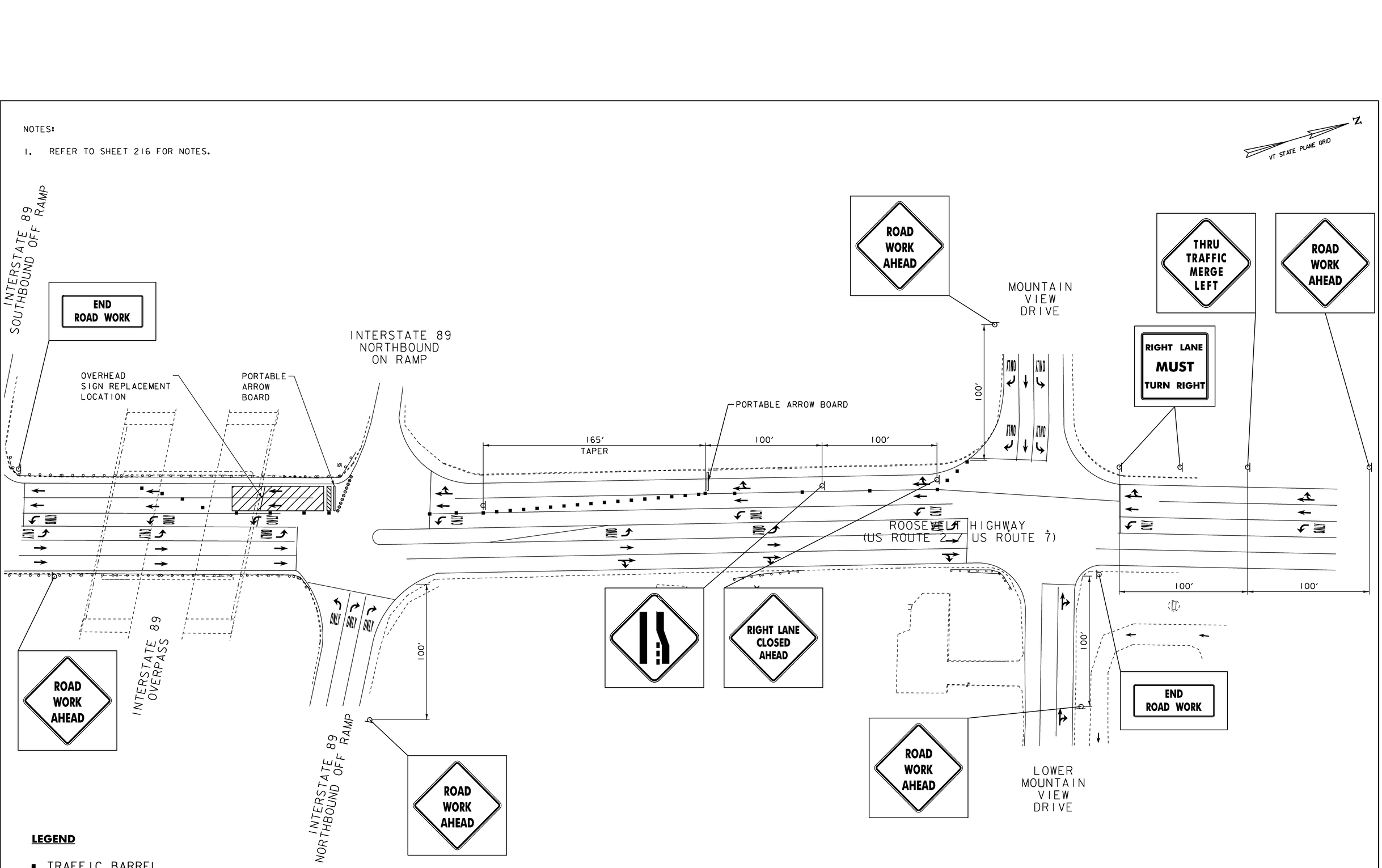
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: BMB
PLOT FILE: 09A016SRTC-3.i

PLOT DATE: 8/21/2009
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 218 OF 221

NOTES:

1. REFER TO SHEET 216 FOR NOTES.



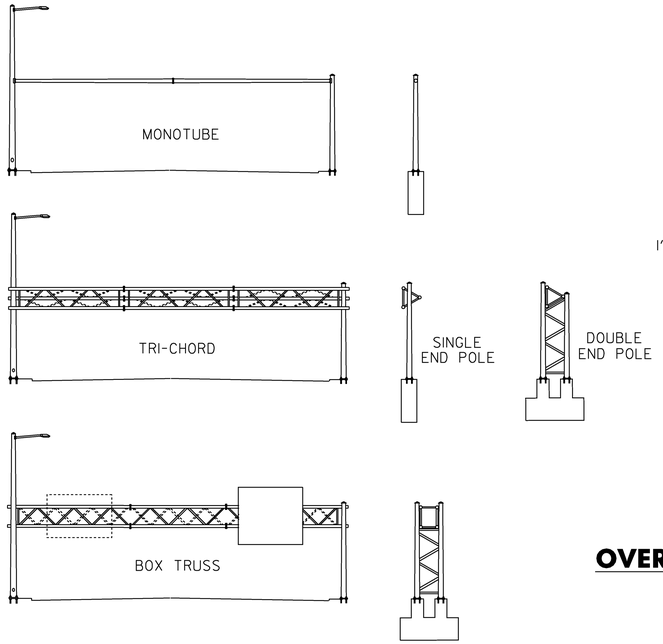
LEGEND

- ▪ TRAFFIC BARREL
- ◦ TRAFFIC CONE
- ▨ WORK AREA
- ▧ TYPE III BARRICADE
- ‖ FLASHING ARROW

TRAFFIC CONTROL FOR REPLACEMENT OF US 2 EAST /US 7 SOUTH SIGN

INTERCHANGE 16 SIGN REPLACEMENT TRAFFIC CONTROL SHEET 4	PROJECT NAME: COLCHESTER-HIGHGATE PROJECT NUMBER: IMG SIGN (17)
FILE NAME: 09A016.DGN PROJECT LEADER: EPD DESIGNED BY: BMB PLOT FILE: 09A016SRTC-4.i	PLOT DATE: 8/21/2009 DRAWN BY: BMB CHECKED BY: EPD SHEET 219 OF 221

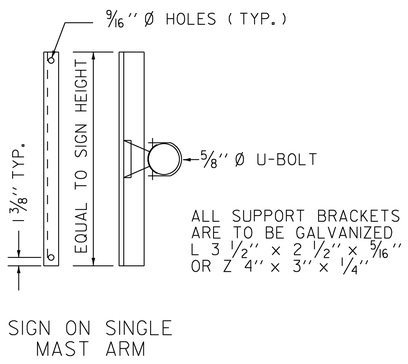
OVERHEAD TRAFFIC SIGN SUPPORT DETAILS



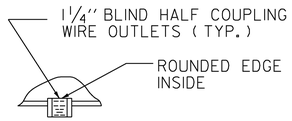
SIGN BRIDGE OPTIONS

NOTES:

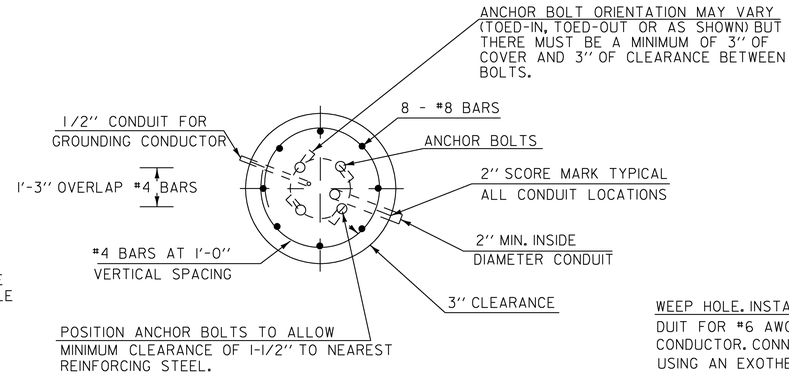
1. MANUFACTURER TO DETERMINE TYPE OF STRUCTURE REQUIRED.
2. MONOTUBES SHALL NOT BE USED FOR SIGNS OVER 10' IN HEIGHT.
3. MINIMUM CLEARANCE FROM SIGNS TO ROADWAY IS 17'.
4. APPROXIMATE OVERHEAD SIGN BRIDGE SPAN IS 50'.



SIGN BRACKET DETAILS



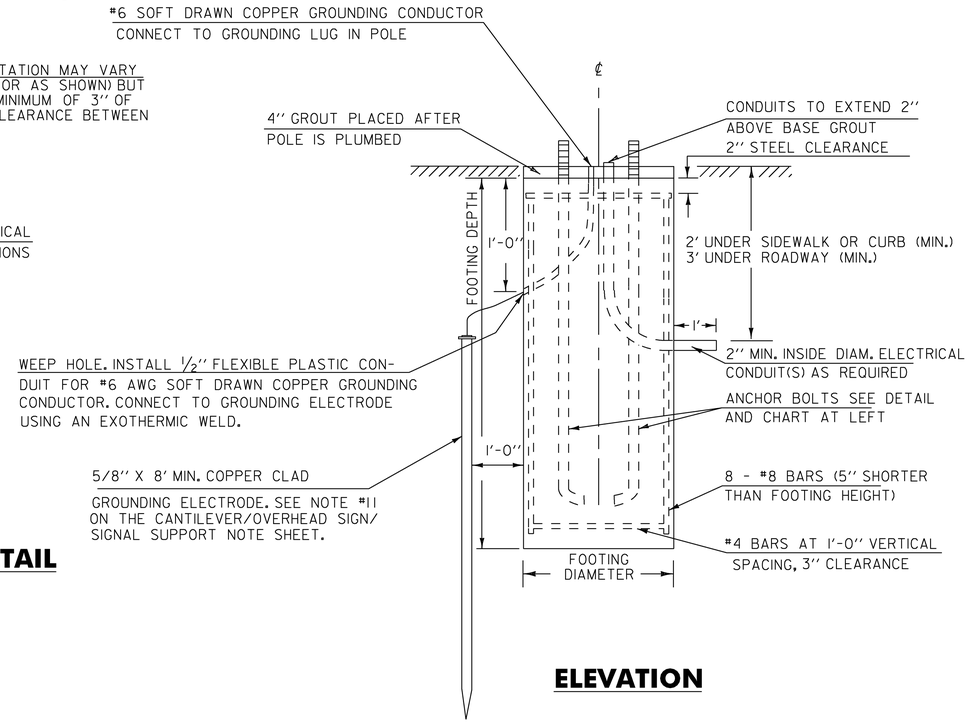
DETAIL A



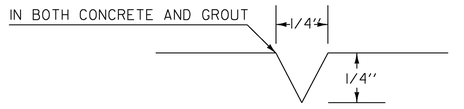
SECTION

OVERHEAD TRAFFIC SIGN BRIDGE FOOTING DETAIL

(SPREAD FOOTINGS OR PILES ARE OPTIONAL)



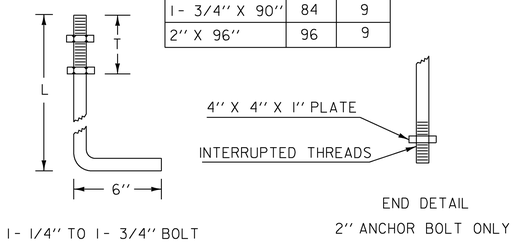
ELEVATION



USED FOR CONDUIT LOCATION. SEE SECTION DETAIL ABOVE

2" SCORE MARK DETAIL

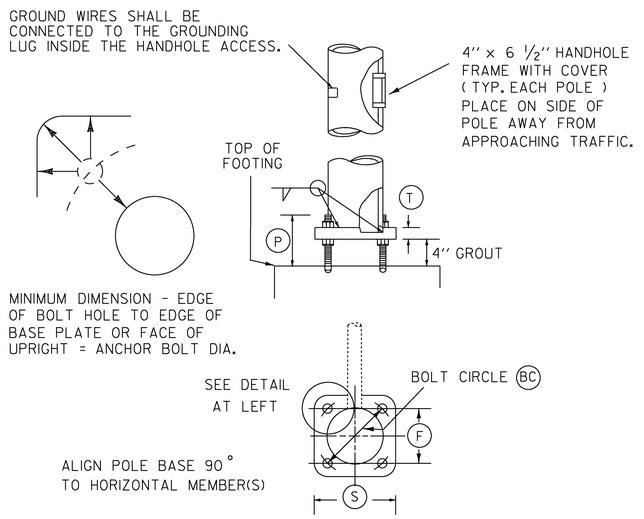
ANCHOR BOLT DETAIL		
SIZE	L(IN)	T(IN)
1- 1/4" X 48"	42	8
1- 1/2" X 60"	54	9
1- 3/4" X 90"	84	9
2" X 96"	96	9



1- 1/4" TO 1- 3/4" BOLT

END DETAIL
2" ANCHOR BOLT ONLY

ANCHOR BOLT DETAIL



POLE BASE AND BASE PLATE DETAIL

OVERHEAD TRAFFIC SIGN SUPPORT DETAILS

PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: AMM
PLOT FILE: 09A016OSI.i

PLOT DATE: 8/21/2009
DRAWN BY: AMM
CHECKED BY: EPD
SHEET 220 OF 221

OVERHEAD TRAFFIC SIGN SUPPORT NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S ''STANDARD SPECIFICATIONS FOR CONSTRUCTION'', DATED 2006, WITH CURRENT MODIFICATIONS.

2. OVERHEAD SIGN/SIGNAL SUPPORTS SHALL CONFORM TO AASHTO'S PUBLICATION ENTITLED ''STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS'', DATED 2001 OR ITS LATEST REVISION (2006 INTERIM).

3. ADDITIONAL DESIGN CRITERIA ARE AS FOLLOWS:

   CONCRETE f_c = 1400 PSI f'_c = 3500 PSI
   REINFORCING f_s = 24000 PSI (GRADE 60)
   FOOTING SOIL PRESSURE : 3000 PSF (MAXIMUM)

   FRICTION ANGLE = 30 DEGREES
   BROM'S METHOD IS SUGGESTED FOR EMBEDMENT DEPTH DETERMINATION.
   UNDER CAPACITY FACTOR = 0.7
   OVERLOAD FACTOR = 2.5

   WIND LOAD AND ICE LOAD PER AASHTO ''STANDARD SPECIFICATIONS''
   WIND SPEED = 90 MPH

4. ANCHOR BOLTS

   FOUR STAINLESS STEEL ANCHOR BOLTS WITH TWO HEXAGON NUTS, ONE WASHER AND ONE LOCK WASHER PER BOLT SHALL BE FURNISHED WITH EACH POLE. ANCHOR BOLT PLATES, WHEN USED, SHALL ALSO BE STAINLESS STEEL. SEE SUB-SECTION 714.09.

5. FLANGE BOLTS

   ALL FLANGE BOLTS AND HEX NUTS SHALL BE HIGH STRENGTH STEEL AND SHALL CONFORM TO ASTM A325. THE FLANGE BOLTS SHALL BE CAPABLE OF RESISTING 133% OF THE FULL DESIGN STRESS OF THE TUBE AT ITS YIELD STRENGTH STRESS.

6. HORIZONTAL AND VERTICAL MEMBERS

   STEEL TUBES SHALL BE FORMED AND WELDED WITH ONE CONTINUOUS LONGITUDINAL WELD ONLY. AFTER FORMING AND WELDING THEY SHALL BE COLD ROLLED TO ENSURE UNIFORMITY OF SIZE AND SMOOTHNESS OF WELD. THEY SHALL HAVE A MINIMUM YIELD STRENGTH OF 48,000 PSI. THERE SHALL BE NO TRANSVERSE WELDING EXCEPT AT THE FLANGE CONNECTIONS AND POLE BASE PLATES, WHERE THE TUBES SHALL TELESCOPE THE FLANGES AND PLATES AND BE CONTINUOUSLY WELDED BOTH SIDES INSIDE AND OUT TO WITHSTAND THE FULL TRANSFER OF THE BENDING STRENGTH TO THE BOLTS. OPTIONALLY, THE MEMBERS MAY BE A SERIES OF TWO OR THREE DIFFERENT DIAMETER PIPES WELDED TOGETHER.

7. GALVANIZING

   ALL STEEL COMPONENTS, EXCEPT CONCRETE REINFORCING AND STAINLESS STEEL HARDWARE, ARE TO BE HOT DIPPED GALVANIZED AFTER FABRICATION. THE ASSEMBLIES SHALL BE DESIGNED AND FABRICATED TO PERMIT GALVANIZING ON ALL INTERIOR AND EXTERIOR SURFACES AND SHALL BE FREE OF POCKETS AND OTHER STRUCTURAL OBSTRUCTIONS THAT WILL NOT PERMIT PROPER DEPOSITION OF ZINC COATING. GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123 AND A153.

8. WELDING

   A. ALL DESIGN DETAILS, WORKMANSHIP, PROCEDURES AND INSPECTION SHALL CONFORM WITH SUB-SECTION 506.10.

   B. ALL WELDS SHALL BE AT LEAST AS STRONG AS THE MATERIAL(S) BEING WELDED.

9. FOOTINGS

   A. FOOTINGS SHALL BE DESIGNED TO RESIST LOADS EQUAL TO, OR GREATER THAN, THE MAXIMUM LOADS THAT THE POLE IS DESIGNED FOR.

   B. THREE TYPES OF FOUNDATIONS, AS OUTLINED IN AASHTO STANDARD SPECIFICATIONS (SEE NOTE 2) SECTION 13 SHALL BE ALLOWED.

      1. DRILLED SHAFTS
      2. PILES
      3. SPREAD FOOTINGS

   C. DRILLED SHAFT FOOTINGS SHALL BE POURED IN DRILLED SHAFTS AGAINST UNDISTURBED MATERIAL. THE TOP TWO FEET OF SOIL SHALL BE NEGLECTED FOR DESIGN PURPOSES. THE MAXIMUM FOOTING DIAMETER SHALL BE THREE FEET AND THE MAXIMUM DEPTH SHALL BE TWELVE FEET. IF THESE LIMITS ARE EXCEEDED OR IF THE SOIL IS NOT CAPABLE OF A BEARING PRESSURE OF 3000 PSF, A SPREAD FOOTING SHALL BE USED.

   D. AS AN ALTERNATIVE TO THE DRILLED HOLES, FOOTINGS MAY BE POURED IN EXCAVATED HOLES USING THE PROPER FORMS, WHICH MUST BE REMOVED. THE EXCAVATED HOLES SHALL BE AT LEAST TWO FEET CLEAR OF THE FOOTING SIDES AND ONE FOOT DEEPER THAN THE FOOTING. CARE SHALL BE TAKEN TO AVOID EXCAVATING AROUND THE TOP OF THE FOOTING. THE BACKFILL MATERIAL SHALL BE COMPACTED AS DESCRIBED IN SUB-SECTION 204.08. DESIGN LIMITS AS FOR AUGERED FOOTING APPLY.

   E. WHEN THE DESIGN DEPTH OF A FOOTING CANNOT BE OBTAINED DUE TO UNFORSEEN FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OBTAIN A REVISED FOOTING DETAIL FROM THE ENGINEER.

   F. ANY BACKFILL PLACED ADJACENT TO THE FOOTING SHALL BE GRANULAR MATERIAL MEETING THE REQUIREMENTS FOR GRANULAR BACKFILL FOR STRUCTURES, SUB-SECTION 704.08. CONCRETE FOR FOOTING SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE, CLASS B, SECTION 501, STRUCTURAL CONCRETE. GROUT MATERIAL SHALL BE NON-SHRINKING MORTAR CONFORMING TO SUB-SECTION 707.03 (MORTAR TYPE IV).

   G. SIGNS SHALL BE INSTALLED AND LEVELED AND POLES SHALL BE PLUMB PRIOR TO PLACING GROUT UNDER POLE BASE.

10. SHOP DRAWINGS (6 COPIES OF EACH) SHALL BE SUBMITTED TO THE STATE OF VERMONT, AGENCY OF TRANSPORTATION, STRUCTURES DIVISION FOR APPROVAL PRIOR TO FABRICATION. THE SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING INFORMATION:

    A. DETAILED DRAWING OF EACH COMPONENT OF THE STRUCTURE.

    B. MATERIAL SPECIFICATION FOR EACH COMPONENT OF THE STRUCTURE, EITHER BY COMPLETE SPECIFICATION OR REFERENCE TO APPLICABLE ASTM STANDARDS.

    C. NOTATION OF PROJECT NAME, PROJECT NUMBER, ROUTE NUMBER, AND STRUCTURE STATIONING (TO BE INCLUDED ON EACH SHEET).

    D. DETAILS FOR LOCATION OF SIGNS/SIGNALS AND ATTACHMENT HARDWARE FOR THE SUPPORT STRUCTURE.

    E. ALL ELEVATIONS AND DIMENSIONS NECESSARY TO PROVIDE A COMPLETE SET OF RECORD PLANS.

    F. DEAD LOAD DEFLECTION AND CAMBER INFORMATION.

    G. WELDING DETAILS AND PROCEDURES ARE REQUIRED FOR ALL WELDS. PROCEDURES SHALL BE SUBMITTED FOR APPROVAL WITH REFERENCE TO EACH WELD IDENTIFIED ON THE SHOP DRAWINGS. (SEE SUB-SECTION 506.10)

11. EACH OVERHEAD TRAFFIC SIGN SUPPORT SHALL BE GROUNDED.
    THE GROUND SHALL CONSIST OF:
    A) AN INTERNAL GROUND LUG OPPOSITE THE HAND HOLE.
    B) A #6 (MIN.) SOFT DRAWN COPPER GROUNDING ELECTRODE CONDUCTOR.
    C) A 5/8'' X 8' (MIN.) COPPER CLAD GROUNDING ELECTRODE.
    THE RESISTANCE TO GROUND SHALL BE 25 OHMS OR LESS. ADDITIONAL GROUNDING ELECTRODES MAY BE REQUIRED (MINIMUM SPACING SHALL BE 6').
    WHEN A POWER SERVICE, METER AND DISCONNECT ARE ATTACHED TO A POLE, THERE SHALL BE A CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE METER AND DISCONNECT WHICH MAY RUN INTERNAL TO THE UPRIGHT, THROUGH THE 1/2'' FLEXIBLE TUBING IN THE CONCRETE BASE TO THE REQUIRED GROUNDING ELECTRODE(S). THE GROUNDING ELECTRODE CONDUCTOR FROM THE POLE GROUNDING LUG, CONTROLLER CABINET AND/OR LUMINAIRE MAY ATTACH TO THIS CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE SERVICE METER AND DISCONNECT. THE CONTRACTOR SHALL PERFORM A RESISTANCE TO GROUND TEST ON THE CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE SERVICE METER AND DISCONNECT AND PROVIDE A WRITTEN STATEMENT TO THE AREA ELECTRICAL INSPECTOR THAT THE GROUNDING ELECTRODE CONDUCTOR IS CONTINUOUS FROM THE SERVICE METER AND DISCONNECT AND THE RESISTANCE TO GROUND IS 25 OHMS OR LESS.

12. THE COST OF SIGN SUPPORTS, INCLUDING ALL HARDWARE, SIGN BRACKETS, FOOTINGS AND LUMINAIRE ARMS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 677.13. THESE COMPONENTS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF SECTIONS 677.

13. HORIZONTAL MEMBERS SHALL BE CAMBERED AND THE VERTICAL POLES BACK-RAKED (WHERE APPLICABLE) TO THE ANTICIPATED DEAD LOAD DEFLECTION PLUS THE CAMBER, IF ANY, SPECIFIED ON THE PLANS.

14. AN EQUIVALENT ALTERNATE DESIGN MAY BE SUBSTITUTED FOR THE DETAILS AND MATERIALS SHOWN.

15. THE DETAILS OF DESIGN FOR THE STRUCTURE AND FOOTINGS ARE TO BE SUPPLIED BY THE CONTRACTOR AND/OR BY THE MANUFACTURER. THE STRUCTURE SHALL BE DESIGNED TO RESIST THE MAXIMUM LOADING AS OUTLINED IN THE AASHTO STANDARD SPECIFICATIONS (SEE NOTE 2). ALL DETAILS OF THE STRUCTURE AND THE FOOTING SHALL BE CHECKED AND STAMPED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF VERMONT PRIOR TO SUBMITTAL OF THE SHOP DRAWINGS TO THE VERMONT AGENCY OF TRANSPORTATION.

16. IN ADDITION TO THE SHOP DRAWINGS OUTLINED IN NOTE 10 THE CONTRACTOR SHALL SUBMIT ALL DESIGN CALCULATIONS TO THE VERMONT AGENCY OF TRANSPORTATION, STRUCTURES DIVISION, SHOWING THE FOLLOWING INFORMATION FOR EACH OF THE VERTICAL AND HORIZONTAL COMPONENTS OF THE STRUCTURE AND FOOTING:

    A. THE DESIGN AXIAL AND SHEAR FORCES AND BENDING AND TORSIONAL MOMENTS.

    B. THE DESIGN AXIAL, BENDING AND SHEAR STRESSES AND THE COMBINED STRESS RATIO.

    C. VIBRATION AND FATIGUE CALCULATIONS AS SET FORTH IN SECTION 10.4.3 AND 11 OF THE AASHTO PUBLICATION REFERENCED IN NOTE 2.

    D. THE ALLOWABLE AXIAL, BENDING, AND SHEAR STRESSES.

    E. ITEMS A, B, D - SHALL BE SHOWN FOR EACH OF THE GROUP LOADINGS (I, II, III) AND FOR THE BASIC WIND LOAD APPLIED TO THE TWO CASES OUTLINED IN THE AASHTO STANDARD SPECIFICATIONS (SEE NOTE 2) SECTION 3.4.

    F. FAILURE TO SUPPLY THE PROPER DESIGN INFORMATION SHALL BE CAUSE FOR REJECTION OF THE STRUCTURE.

    G. A MINIMUM OF FOUR (4) WEEKS SHALL BE REQUIRED FOR REVIEW BY THE VERMONT AGENCY OF TRANSPORTATION, STRUCTURES DIVISION.

17. THE CONTRACTOR/MANUFACTURER SHALL BE RESPONSIBLE FOR COMPLETION OF THE STRUCTURE AND FOOTING DATA ON THE DETAIL SHEET(S).

18. FOR INSTALLATIONS WHERE BOTH ''EXISTING'' AND ''FUTURE'' CONDITIONS ARE SHOWN, THE SUPPORTS SHALL BE DESIGNED FOR THE MORE SEVERE OF THE TWO LOADING CONDITIONS. THE INFORMATION OUTLINED IN NOTE 16 ABOVE SHALL BE PROVIDED FOR BOTH THE LOADING CONDITIONS.

19. NOT USED

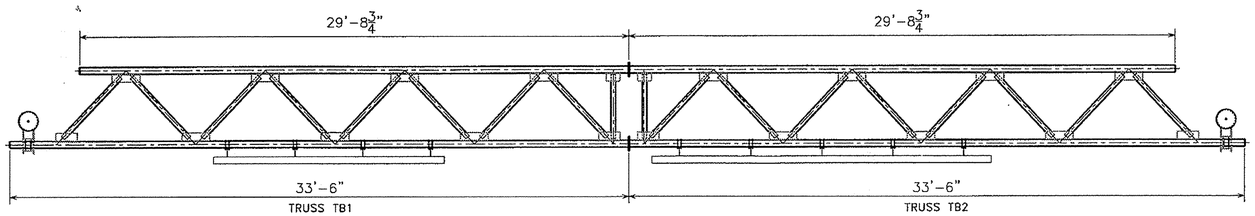
20. BASE PLATES SHALL BE STAMPED WITH THE VERTICAL POLE DIAMETER, HEIGHT, YIELD STRENGTH, GAUGE AND THE HORZONTAL MEMBER DIAMETER, LENGTH, YIELD STRENGTH, GAUGE. ALTERNATELY, THE INFORMATION MAY BE STAMPED ON A METAL TAG RIVETED TO THE POLE NEAR THE HANDHOLE.

OVERHEAD TRAFFIC SIGN SUPPORT NOTES

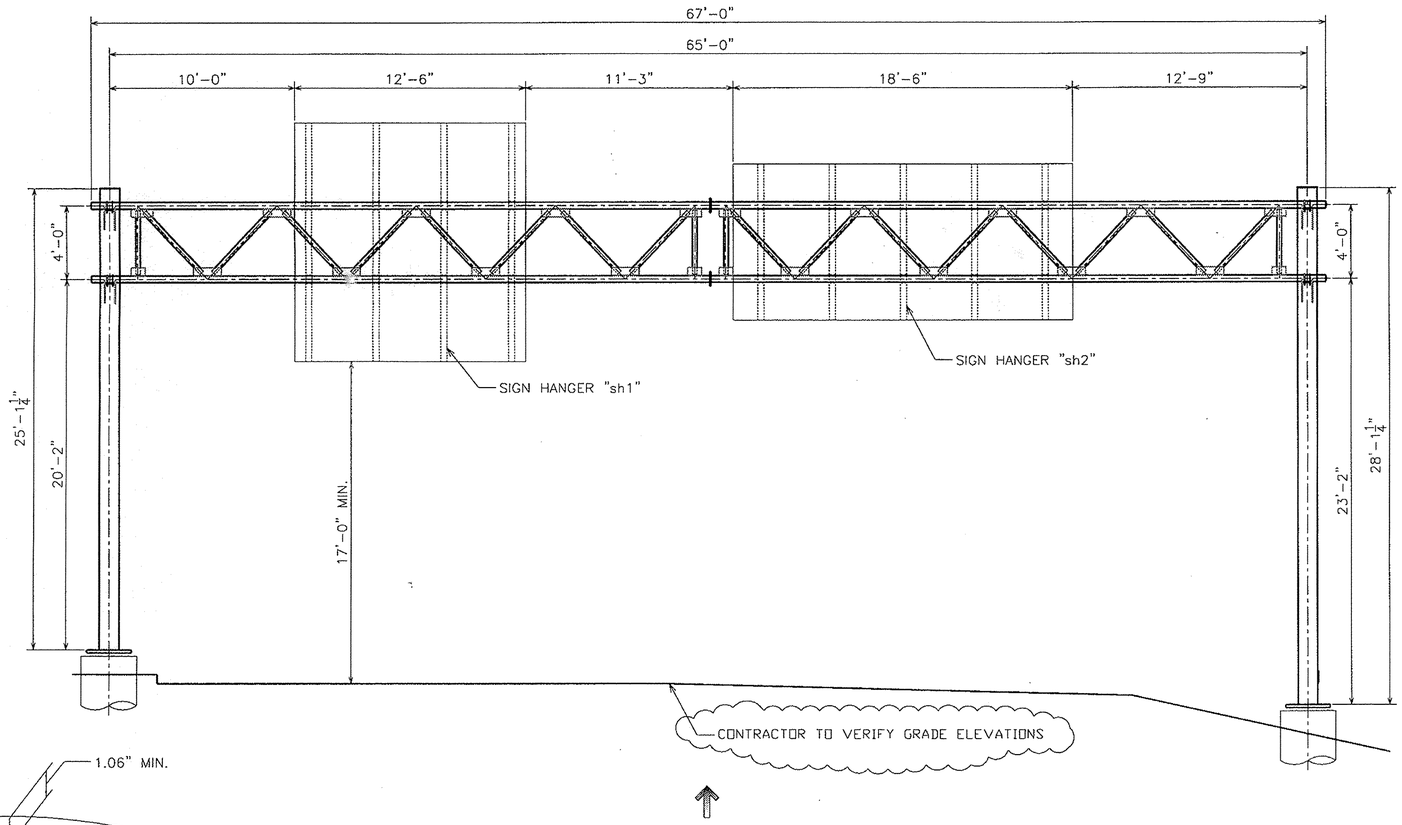
PROJECT NAME: COLCHESTER-HIGHGATE
PROJECT NUMBER: IMG SIGN (17)

FILE NAME: 09A016.DGN
PROJECT LEADER: EPD
DESIGNED BY: AMM
PLOT FILE: 09A016OS2.I

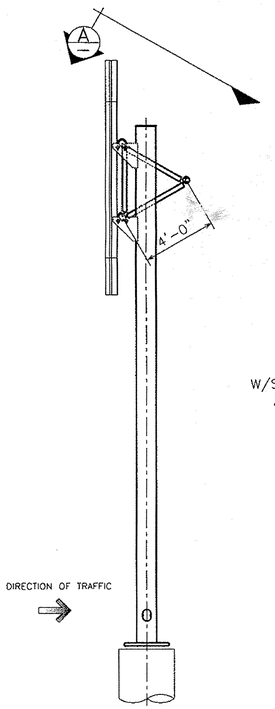
PLOT DATE: 8/21/2009
DRAWN BY: AMM
CHECKED BY: EPD
SHEET 221 OF 221



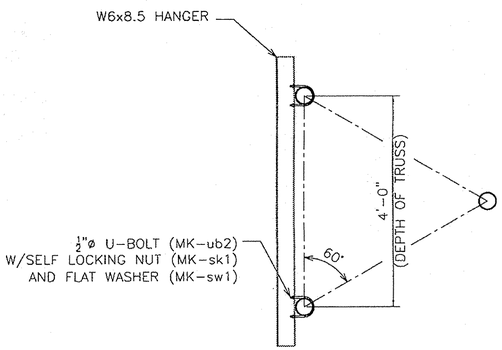
A VIEW



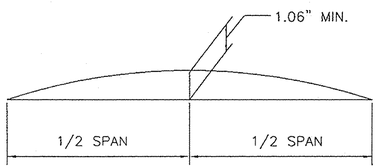
ELEVATION
INTERCHANGE 19
LOOKING AT FACE OF SIGN
(OUT OF PLANE CHORDS NOT SHOWN FOR CLARITY)



SIDE ELEVATION



SIGN MOUNTING DETAIL
VERTICAL HANGER BEAMS & U-BOLTS INCLUDED



CAMBER DIAGRAM

NOTE:

CAMBER WILL BE ACHIEVED BY SHORTENING LOWER CHORD PIPES BY AN AMOUNT SUCH THAT POSITIVE UPWARD DEFLECTION IS PRODUCED WHEN TRUSSES ARE BROUGHT TOGETHER AT SPLICES.

No.	Remarks	Date
0	Initial submittal	03-04-10

REVISIONS

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

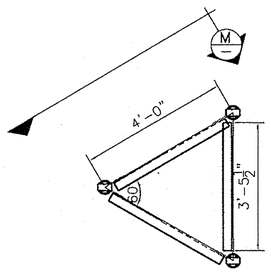
TRI CHORD OVERHEAD SIGN STRUCTURE
INTERCHANGE #19
PROJECT NUMBER IMG SIGN(17)
COLCHESTER – HIGHGATE
VERMONT AGENCY OF TRANSPORTATION

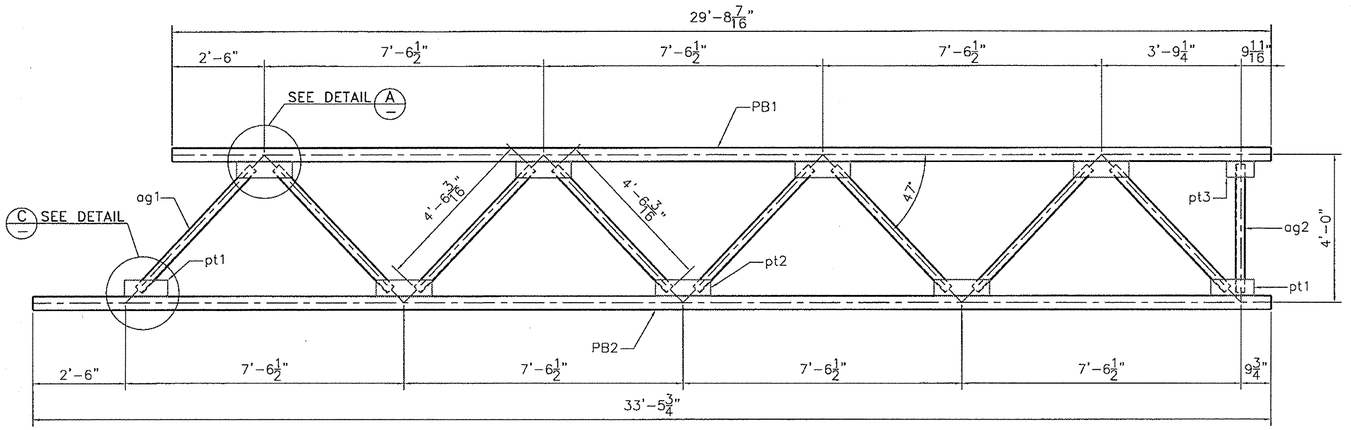
AISC CERTIFIED FABRICATOR

MSC JOB NO. 1738
SHEET NO. 1 of 6

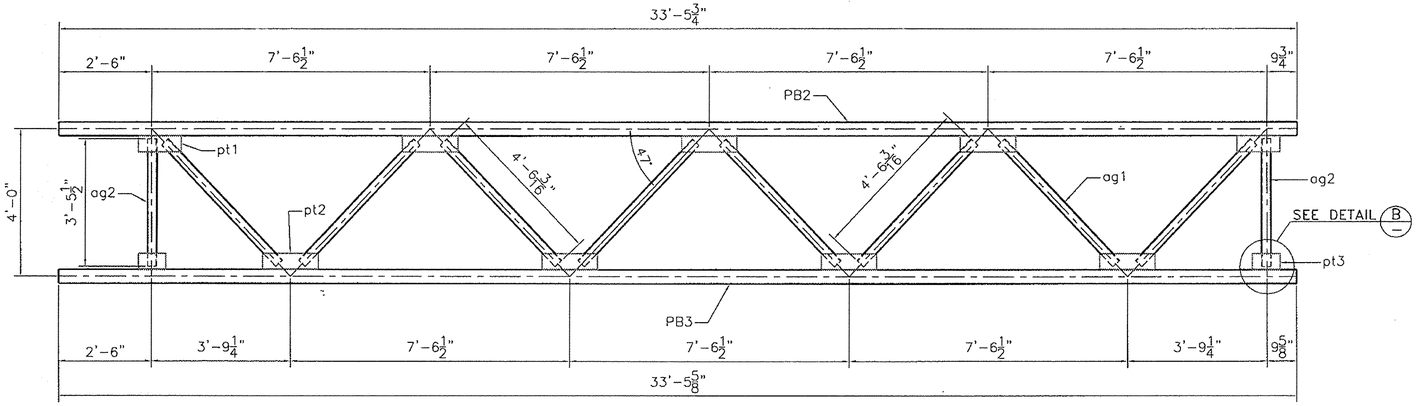
GENERAL CONTRACTOR .
SUB CONTRACTOR F.R. Lafayette

DRAWN	CHECKED	DATE	SCALE	SIZE
BJB		03-04-10	N.T.S.	D



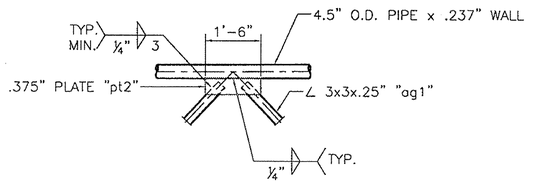


M VIEW

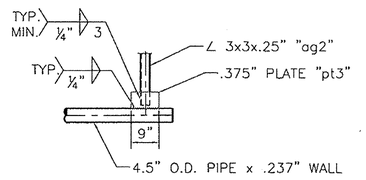


FRONT VIEW

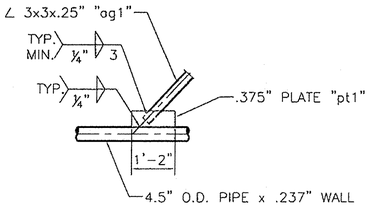
TRUSS TB1



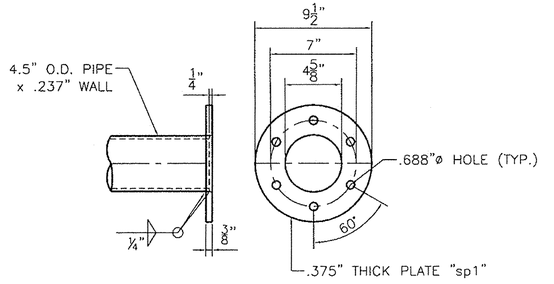
DETAIL "A"



DETAIL "B"



DETAIL "C"



SPLICE DETAIL

No.	Remarks	Date
0	Initial submittal	03-04-10

REVISIONS

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

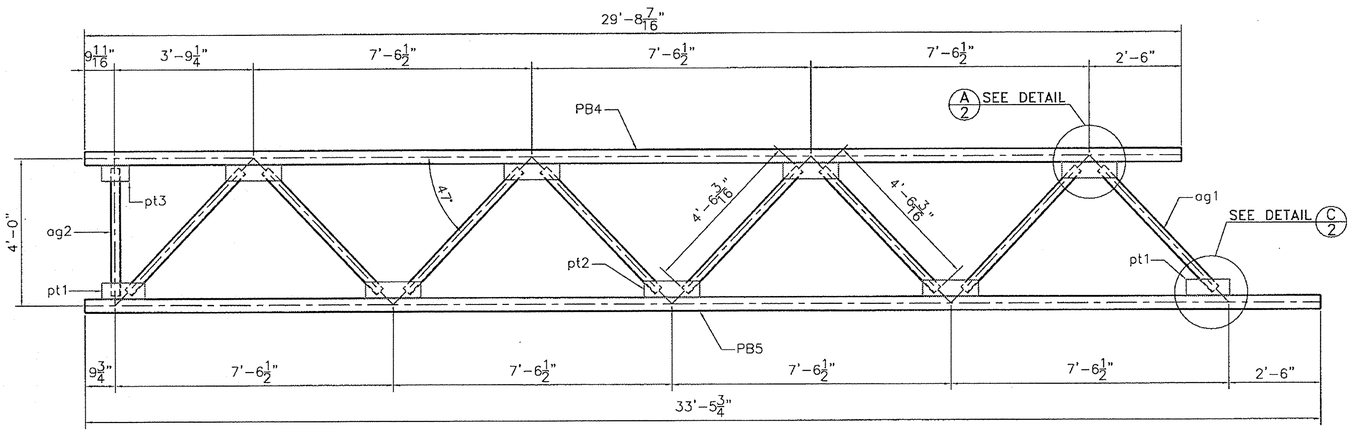
TRI CHORD OVERHEAD SIGN STRUCTURE
INTERCHANGE #19
PROJECT NUMBER IMG SIGN(17)
COLCHESTER - HIGHGATE
VERMONT AGENCY OF TRANSPORTATION

AISC CERTIFIED FABRICATOR

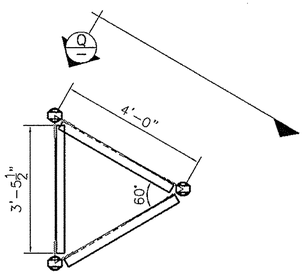
GENERAL CONTRACTOR: .
SUB CONTRACTOR: F.R. Lafayette

HSC JOB NO. 1738
SHEET NO. 2 of 6

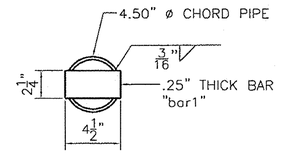
DRAWN	CHECKED	DATE	SCALE	SIZE
BJB		03-04-10	N.T.S.	D



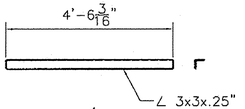
VIEW Q/–



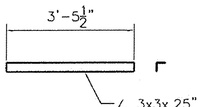
SIDE VIEW



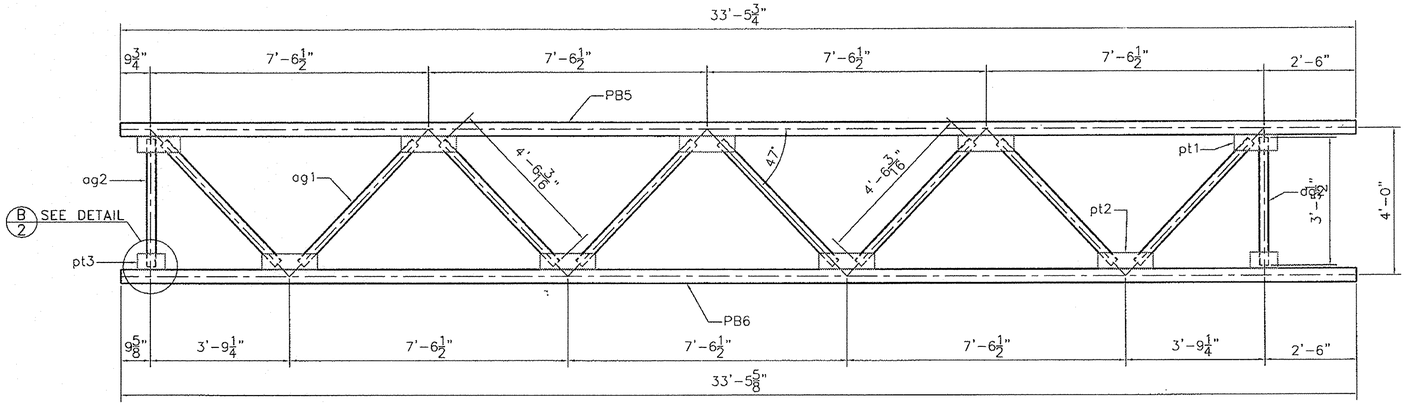
PIPE PLUG DETAIL
"EACH END OF TRUSS CHORD"



ag1



ag2



FRONT VIEW

TRUSS TB2

No.	Remarks	Date
0	Initial submittal	03-04-10

REVISIONS

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

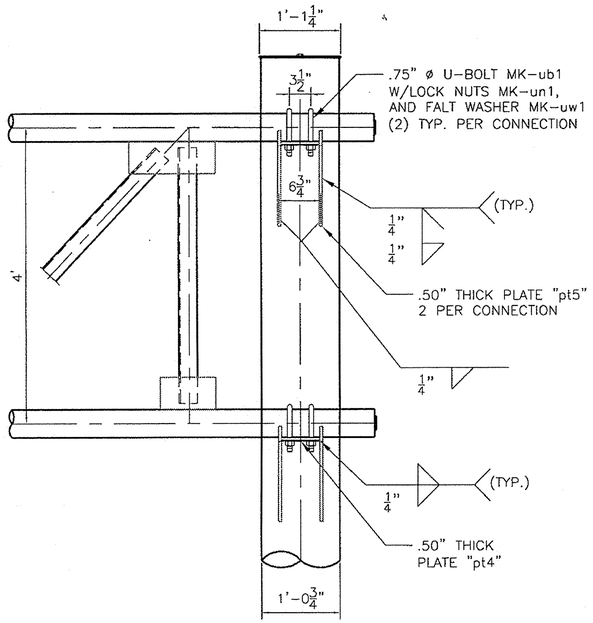
TRI CHORD OVERHEAD SIGN STRUCTURE
INTERCHANGE #19
PROJECT NUMBER IMG SIGN(17)
COLCHESTER – HIGHGATE
VERMONT AGENCY OF TRANSPORTATION

CERTIFIED FABRICATOR

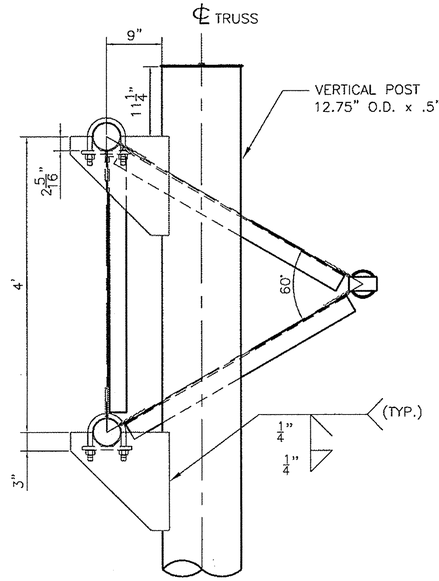
GENERAL CONTRACTOR: .
SUB CONTRACTOR: F.R. Lafayette

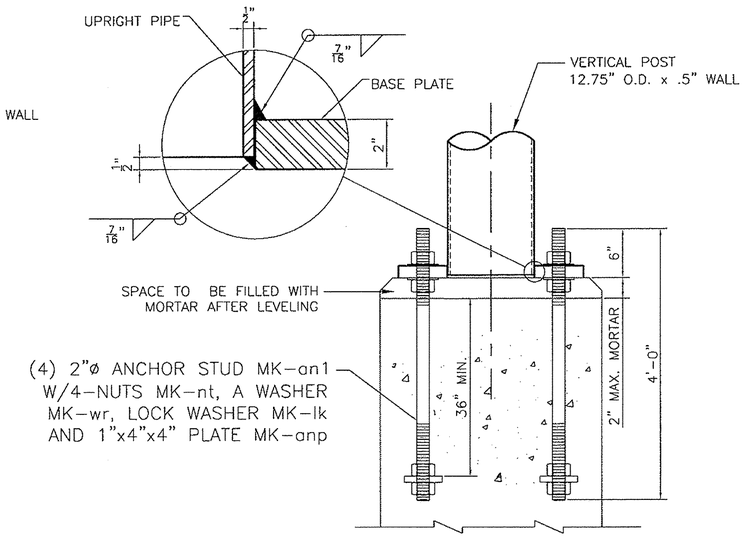
HSC JOB NO. 1738
SHEET NO. 3 of 6

DRAWN BJB | CHECKED | DATE 03-04-10 | SCALE N.T.S. | SIZE D



TRUSS CONNECTION DETAIL





ANCHORAGE ASSEMBLY

STIFFENERS NOT SHOWN FOR CLARITY

NOTE:

1. STRUCTURE DESIGNED IN ACCORDANCE WITH LATEST EDITION AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS.

2. ALL HOLES FOR HIGH STRENGTH FASTENERS SHALL BE DRILLED OR SUB-PUNCHED FULL SIZE. SLOTTED HOLES AND/OR VENT OR ACCESS HOLES MAY BE CUT WITH MECHANICALLY GUIDED PLASMA OR MECHANICALLY GUIDED FLAME TORCH.

3. GRIND SHARP CORNERS OF ALL PLATES TO A 1/16" MIN. RADIUS PRIOR TO GALVANIZING.

4. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS D1.1.

5. ALL STEEL PLATES FOR STRUCTURAL COMPONENTS SHALL BE ASTM A709 GR. 50.

6. STEEL PLATES AND SHAPES FOR NON-STRUCTURAL COMPONENTS SHALL BE ASTM A709 GR. 36.

7. STEEL PIPES FOR STRUCTURAL MEMBERS SHALL HAVE MINIMUM YIELD OF 42 ksi AND SHALL CONFORM TO ONE OF THE FOLLOWING GRADES: ASTM A500 GR. B, OR API 5LX42.

8. UNLESS OTHERWISE NOTED, ALL BOLTS FOR STRUCTURAL CONNECTIONS SHALL BE M164 TYPE 1 (A325).

9. GALVANIZED U-BOLTS FOR CONNECTION OF SIGN HANGER BEAMS TO TRUSS SHALL BE ASTM F-1554 GR. 36.

10. ALL STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M111 (ASTM A123).

11. ALL HARDWARE, UNLESS OTHERWISE NOTED, SHALL BE HOT-DIPPED GALVANIZED PER AASHTO M232 (ASTM A153).

12. ANCHOR HARDWARE SHALL BE STAINLESS STEEL AND MEET REQUIREMENTS OF VAOT STANDARD SPECIFICATION 714.09.

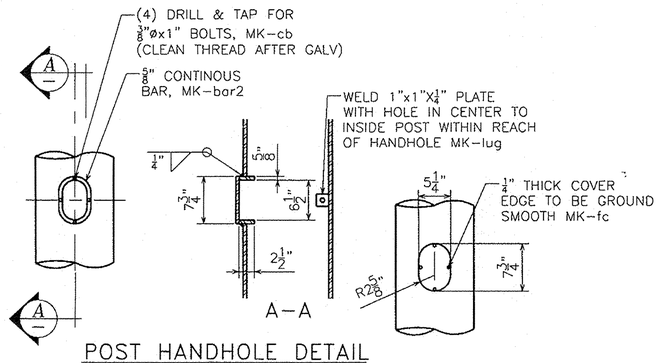
13. CONCRETE AND REBAR SHOWN IN FOOTING DESIGN TO BE FURNISHED BY OTHERS.

14. FOUNDATION DESIGN BASED ON USE OF 3500 psi MINIMUM CONCRETE.

15. SPACE BETWEEN THE TOP OF CONCRETE AND THE BOTTOM OF STEEL BASE PLATE SHALL BE FILLED WITH TYPE IV MORTAR AFTER LEVELING.

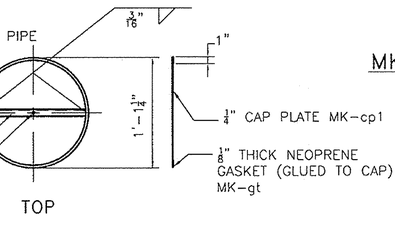
16. BOLTS INSTALLED IN STRUCTURAL CONNECTIONS SHALL BE PROVIDED AND TENSIONED PER APPLICABLE PROVISIONS OF VAOT STANDARD SPECIFICATIONS SECTION 506.

17. SEAL WELD ALL CONNECTIONS WHEN POSSIBLE PRIOR TO GALVANIZING.

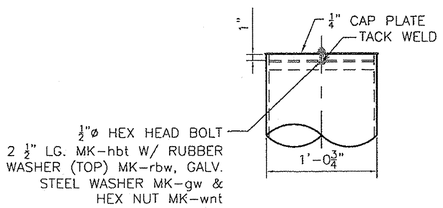


POST HANDHOLE DETAIL

PLACE ON SIDE OF POLE
AWAY FROM APPROCHING TRAFFIC

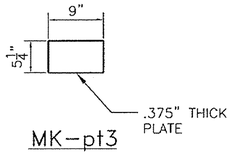


TOP

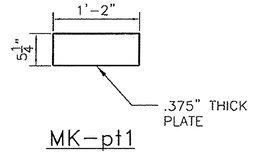


UPRIGHT CAP DETAIL

ASSEMBLE CAP TO POST PRIOR TO SHIPPING.



MK-pt3



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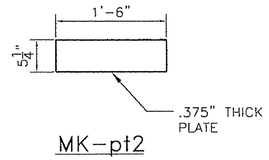

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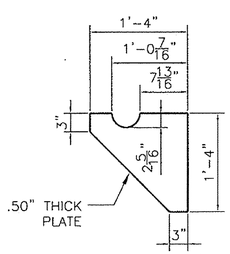

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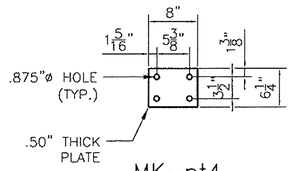

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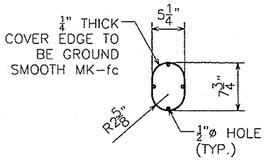
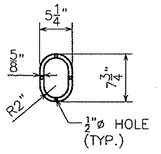
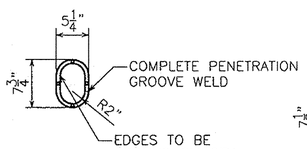


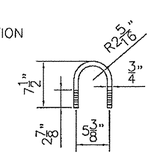
MK-fc



GASKET
MK-ga



MK-bar2



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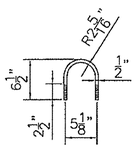


MK-ub2

No.	Remarks	Date
0	Initial submittal	03-04-10

REVISIONS

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

TRI CHORD OVERHEAD SIGN STRUCTURE
INTERCHANGE #19
PROJECT NUMBER IMG SIGN(17)
COLCHESTER - HIGHGATE
VERMONT AGENCY OF TRANSPORTATION

AISC CERTIFIED FABRICATOR

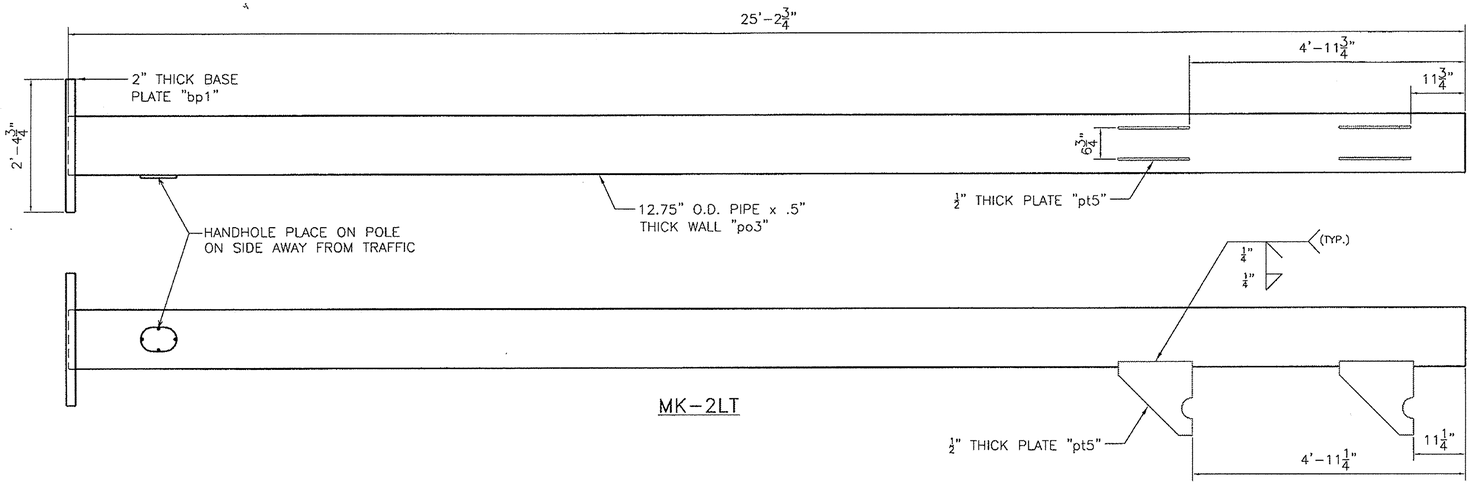
HSC JOB NO. 1738

GENERAL CONTRACTOR

SUB CONTRACTOR F.R. Lafayette

SHEET NO. 4 of 6

DRAWN	CHECKED	DATE	SCALE	SIZE
BJB		03-04-10	N.T.S.	D



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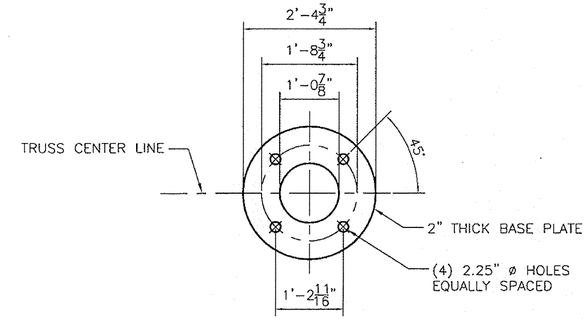

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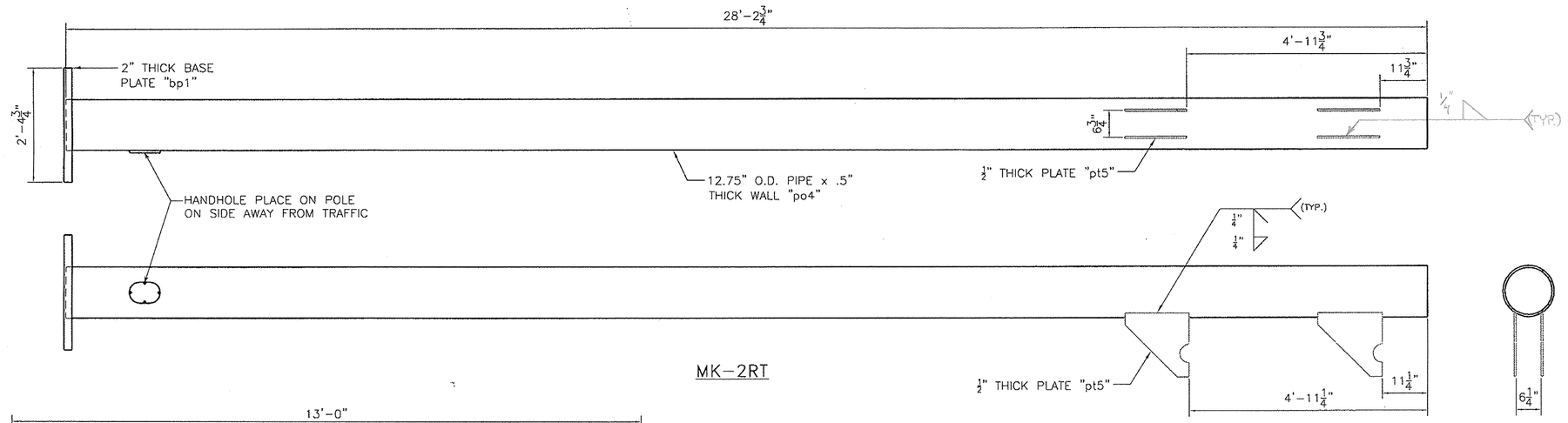
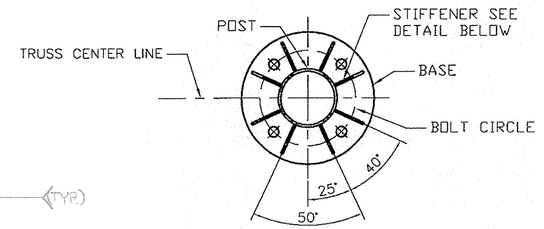
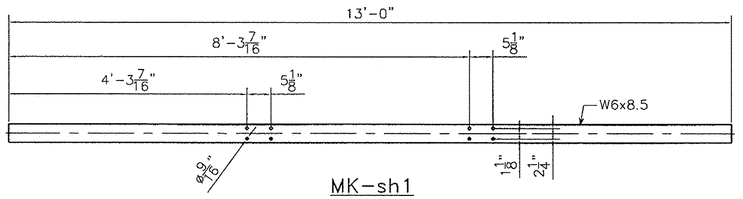


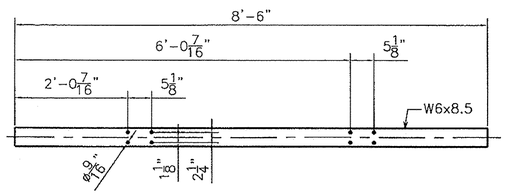
MK-2RT



BASE STIFFENER ORIENTATION DETAIL



MK-sh1



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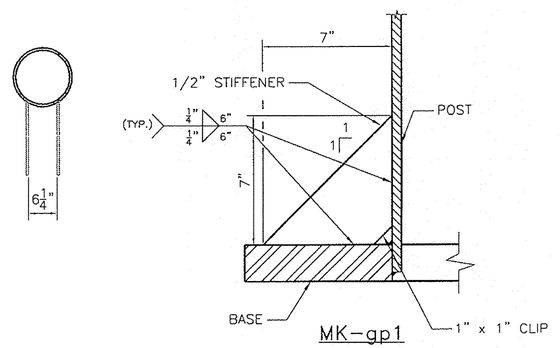


MK-gp1

NOTE:
BASE PLATE SHALL BE STAMPED WITH THE VERTICAL POLE DIAMETER (VD.), HEIGHT (VHT.), YIELD STRENGTH (VYS.), GAUGE(VGE.), AND SAME FOR HORIZONTAL MEMBER (HD.), (HYS.), AND (HGE.).

No.	Remarks	Date
0	Initial submittal	03-04-10

REVISIONS

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

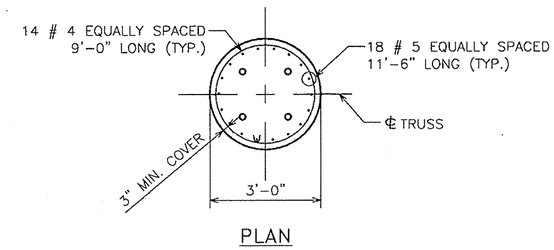
TRI CHORD OVERHEAD SIGN STRUCTURE
INTERCHANGE #19
PROJECT NUMBER IMG SIGN(17)
COLCHESTER - HIGHGATE
VERMONT AGENCY OF TRANSPORTATION

AISC CERTIFIED FABRICATOR

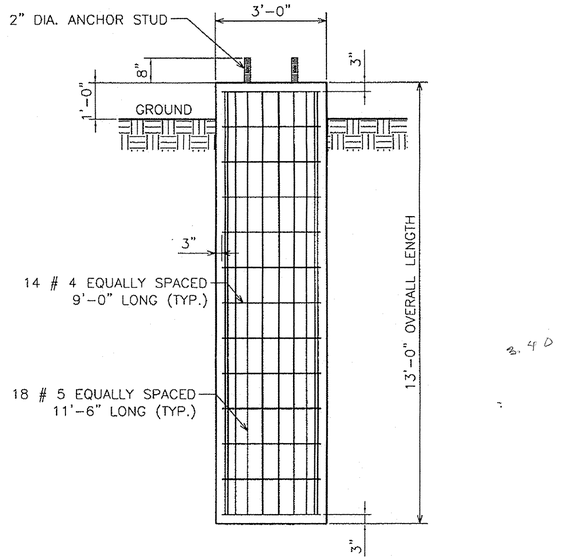
GENERAL CONTRACTOR:
SUB CONTRACTOR: F.R. Lafayette

MSC JOB NO. 1738
SHEET NO. 5 of 6

DRAWN	CHECKED	DATE	SCALE	SIZE
BJB		03-04-10	N.T.S.	D



PLAN



ELEVATION

REBAR LIST

REBAR	PCS. REQRD.	LENGTH	SPEC.
#4	14	9'-0"	A615 Gr. 60
#5	18	12'-6"	A615 Gr. 60

		INTERCHANGE #19 0.115 LT		
MK	QTY	DESCRIPTION	LENGTH	SPEC.
TB1	1	TRUSS SECTION ASSEMBLY		
PB1	1	4.500" O.D. x .237" WALL CHORD PIPE	29'-8.4375"	A500 gr B, API 5LX42
PB2	1	4.500" O.D. x .237" WALL CHORD PIPE	33'-5.75"	A500 gr B, API 5LX42
PB3	1	4.500" O.D. x .237" WALL CHORD PIPE	33'-5.625"	A500 gr B, API 5LX42
ag1	24	L 3x3x.25"	4'-6.1875"	A709 Gr 36
ag2	4	L 3x3x.25"	3'-5.500"	A709 Gr 36
pt1	6	0.375" THICK PLATE	5.25"x1'-2"	A709 Gr 50
pt2	21	0.375" THICK PLATE	5.25"x1'-6"	A709 Gr 50
pt3	4	0.375" THICK PLATE	5.25"x9"	A709 Gr 50
bar1	3	0.25" PLUG PLATE	2.25"x4.500"	A709 Gr 36
sp1	3	0.375" SPLICE PLATE	9.500" O.D.	A709 Gr 50
TB2	1	TRUSS SECTION ASSEMBLY		
PB4	1	4.500" O.D. x .237" WALL CHORD PIPE	29'-8.4375"	A500 gr B, API 5LX42
PB5	1	4.500" O.D. x .237" WALL CHORD PIPE	33'-5.75"	A500 gr B, API 5LX42
PB6	1	4.500" O.D. x .237" WALL CHORD PIPE	33'-5.625"	A500 gr B, API 5LX42
ag1	24	L 3x3x.25"	4'-6.1875"	A709 Gr 36
ag2	4	L 3x3x.25"	3'-5.500"	A709 Gr 36
pt1	6	0.375" THICK PLATE	5.25"x1'-2"	A709 Gr 50
pt2	21	0.375" THICK PLATE	5.25"x1'-6"	A709 Gr 50
pt3	4	0.375" THICK PLATE	5.25"x9"	A709 Gr 50
bar1	3	0.25" PLUG PLATE	2.25"x4.500"	A709 A36
sp1	3	0..375" SPLICE PLATE	9.500" O.D.	A709 Gr 50
2LT	1	LEFT POST ASSEMBLY		
po3	1	12.75" O.D. x .500" WALL PIPE	25'-2.75"	A500 gr B, API 5LX42
cp1	1	0.25" CAP PLATE	1'-1.25" O.D.	A709 A36
gt	1	0.125" GASKET	12.75" O.D.-10.75" I.D.	50 DURO. NEOPRENE
bar3	1	L1.5x1.5x.25"	11.75"	A709 A36
hb1	1	0.500" DIA. HEX BOLT	2.500"	A307
wnt	1	0.500" DIA. HEX NUT		A563
rbw	1	0.500" DIA. RUBBER WASHER		50 DURO. NEOPRENE
gw	1	0.500" DIA. WASHER		F844
pt4	2	0.500" PLATE	8" x 6.25"	A709 Gr 50
pt5	4	0.500" PLATE	16" x 16"	A709 Gr 50
bar2	1	0.625" x 2.500" BAR	21.500"	A709 A36
ga	1	0.125" GASKET	7.750" x 5.250"	50 DURO. NEOPRENE
fc	1	0.25" COVER PLATE	7.750" x 5.250"	A709 A36
cb	4	0.375" DIA. HEX BOLT	1"	A307
lug	1	0.25" PLATE	1" x 1"	A709 A36
bp1	1	2" BASE PLATE	2'-4.75" O.D.	A709 Gr 50
gp1	8	0.500" PLATE	7" x 7"	A709 Gr 50

2RT	1	LEFT POST ASSEMBLY		
po4	1	12.75" O.D. x .500" WALL PIPE	28'-2.75"	A500 gr B, API 5LX42
cp1	1	0.25" CAP PLATE	1'-1.25" O.D.	A709 A36
gt	1	0.125" GASKET	12.75" O.D.-10.75" I.D.	50 DURO. NEOPRENE
bar3	1	L1.5x1.5x.25"	11.75"	A709 A36
hb1	1	0.500" DIA. HEX BOLT	2.500"	A307
wnt	1	0.500" DIA. HEX NUT		A563
rbw	1	0.500" DIA. RUBBER WASHER		50 DURO. NEOPRENE
gw	1	0.500" DIA. WASHER		F844
pt4	2	0.500" PLATE	8" x 6.25"	A709 Gr 50
pt5	4	0.500" PLATE	16" x 16"	A709 Gr 50
bar2	1	0.625" x 2.500" BAR	21.500"	A709 A36
ga	1	0.125" GASKET	7.750" x 5.250"	50 DURO. NEOPRENE
fc	1	0.25" COVER PLATE	7.750" x 5.250"	A709 A36
cb	4	0.375" DIA. HEX BOLT	1"	A307
lug	1	0.25" PLATE	1" x 1"	A709 A36
bp1	1	2" BASE PLATE	2'-4.75" O.D.	A709 Gr 50
gp1	8	0.500" PLATE	7" x 7"	A709 Gr 50
		SIGN ASSEMBLY		
sh1	4	W6x8.5	13'-0"	A709 A36
sh2	5	W6x8.5	8'-6"	A709 A36
ub2	36	0.5" DIA. U-BOLT	6.500"	F1554 Gr 36
sk1	72	0.5" DIA. SELF LOCKING NUT		A563 DH
sw1	72	0.5" DIA. FALT WASHER		F436
		HARDWARE		
sbt1	18	0.625" DIA. SPLICE HEX BOLT	2"	A325
snt1	18	0.625" DIA. HEX NUT		A563 DH
swr1	36	0.625" DIA. WASHER		F436
ub1	8	0.75" DIA. U-BOLT	7.500"	F1554 Gr 36
un1	16	0.75" DIA. LOCK NUT		A563 DH
uw1	16	0.75" DIA. FALT WASHER		F436
		ANCHOR BOLT		
an1	8	2" DIA. STUD	4'-0"	S/S A276 TY304
nt	32	2" DIA. HEX NUT		S/S A194B TY304
wr	8	2" DIA. WASHER		S/S TY304
lk	8	2" DIA. LOCK WASHER		S/S TY305
anp	8	1" PLATE WASHER	4" x 4"	S/S TY305

No.	Remarks	Date
0	Initial submittal	03-04-10

REVISIONS

HIGHWAY SAFETY CORP
GLASTONBURY, CT
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TRI CHORD OVERHEAD SIGN STRUCTURE
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PROJECT NUMBER IMG SIGN(17)
COLCHESTER - HIGHGATE
VERMONT AGENCY OF TRANSPORTATION

AISC CERTIFIED FABRICATOR

GENERAL CONTRACTOR

SUB CONTRACTOR: F.R. Lafayette

HSC JOB NO. 1738

SHEET NO. 6 of 6

DRAWN	CHECKED	DATE	SCALE	SIZE
BJB		03-04-10	N.T.S.	D