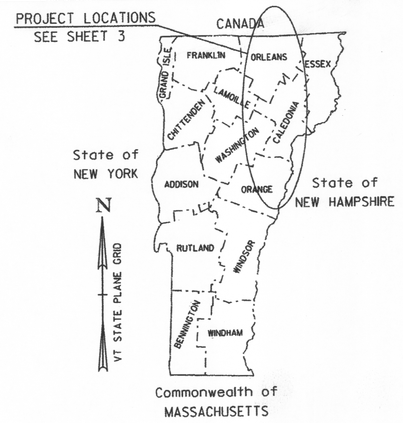
INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION





RECORD PLANS

CONTRACTOR: L&D SAFETY MARKING CORP.-BERLIN, VT
RESIDENT ENGINEER: BRIGITTE CODLING
CONSTRUCTION BEGAN: APRIL 23, 2012
CONSTRUCTION COMPLETE: JULY 06, 2012
RECORD PLANS BY: BRIGITTE CODLING & JENNA HYDE

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

BY Brigitte Codling RESIDENT ENGINEER
DATE 3/28/13

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.

PROPOSED IMPROVEMENT

TOWNS OF BARTON, PLAINFIELD, WALDEN
COUNTIES OF ORLEANS, WASHINGTON AND CALEDONIA
VARIOUS TOWN HIGHWAYS

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS, SIGN POSTS, AND GUARDRAIL; THE INSTALLATION OF NEW SIGNS, SIGN POSTS, AND GUARDRAIL; PAVEMENT MARKINGS (CENTERLINE, EDGELINE, SYMBOLS AND LETTERS); AND OTHER RELATED ITEMS FOR THE DESCRIBED WORK.

PROJECT LOCATIONS:

TH-1,	MM	0.730 - 6.310, BARTON (EASTERN AVENUE/WILLOUGHBY LAKE ROAD)
TH-1,	MM	0.000 - 3.330, PLAINFIELD (MIDDLE ROAD)
TH-1,	MM	0.000 - 0.486, PLAINFIELD (BARRE HILL ROAD)
TH-1,	MM	0.000 - 0.150, PLAINFIELD (MILL STREET ROAD)
TH-2,	MM	0.000 - 1.033, WALDEN (NOYESTAR ROAD)
TH-34,	MM	0.000 - 0.258 WALDEN (CAHOON FARM ROAD)

PROJECT LENGTHS:

5.580	MILES	(29462.40 FT)
3.330	MILES	(17582.40 FT)
0.486	MILES	(2566.08 FT)
0.150	MILES	(792.00 FT)
1.033	MILES	(5454.24 FT)
0.258	MILES	(1362.24 FT)
TOTAL LENGTH OF PROJECT: 10.837	MILES	(57219.36 FT)

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

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

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

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.

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Ruth D. Johnson DATE 8/5/11

PROJECT MANAGER : JOSH SCHULTZ

PROJECT NAME : STATEWIDE NORTHEAST REGION
PROJECT NUMBER : STP HRRR(8)

SHEET 1 OF 28 SHEETS

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3	LOCATION MAPS
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9-15	BARTON TRAFFIC SIGN SUMMARY SHEETS 1-7
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26	ITEM DETAIL SUMMARY SHEET
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STANDARDS

E-121	STANDARD SIGN PLACEMENT- CONVENTIONAL ROAD	08/08/1995
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	03/16/2004
E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	08/08/1995
E-136B	STATE ROUTE MARKER SIGN DETAILS	08/08/1995
E-136C	STATE NUMBERED TOWN HIGHWAY SIGN DETAILS	08/08/1995
E-138	MILEMARKER DETAILS - STATE AND TOWN HIGHWAYS	05/30/2003
E-145A	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12/23/1994
E-154	WARNING SIGN DETAILS	05/01/2004
E-164	SQUARE STEEL SIGN POST	06/08/2009
E-191	PAVEMENT MARKING DETAILS	02/01/1999
E-193	PAVEMENT MARKING DETAILS	08/18/1995
G-1	STEEL BEAM GUARDRAIL DETAILS (POST, DELINEATORS, TYPICALS)	01/03/2000
G-1d	STEEL BEAM GUARDRAIL DETAILS (END TERMINAL, ANCHOR, MEDIAN)	01/03/2000
G-19	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS	11/15/2002
SB-R6-82	BRIDGE RAILING HEAVY DUTY STEEL BEAM	01/06/1995

GENERAL NOTES

1. ALL NEW SIGNS SHALL BE IN ACCORDANCE WITH THESE PLANS, THE LATEST EDITION OF THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE STANDARD HIGHWAY SIGNS BOOK (SHS) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA), AND APPLICABLE VTRANS E-SERIES STANDARDS OR AS DIRECTED BY THE ENGINEER. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

2. SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH STATE STANDARD DRAWINGS E-121.

   SUPPLEMENTAL WARNING PLAQUES SHALL BE USED ONLY IN COMBINATION WITH WARNING OR REGULATORY SIGNS. THEY SHALL NOT BE MOUNTED ALONE OR DISPLAYED ALONE. IF USED, A SUPPLEMENTAL WARNING PLAQUE SHALL BE INSTALLED ON THE SAME POST(S) AS THE WARNING OR REGULATORY SIGN THAT IT SUPPLEMENTS.

   UNLESS OTHERWISE PROVIDED IN THESE PLANS FOR A PARTICULAR PLAQUE, SUPPLEMENTAL WARNING PLAQUES SHALL BE MOUNTED BELOW THE SIGN THEY SUPPLEMENT.

3. ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REPLACED UNLESS OTHERWISE NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

4. EXISTING STREET NAME SIGNS ATTACHED TO SIGN POSTS THAT ARE TO BE REPLACED, SHALL BE REMOVED AND INSTALLED ONTO THE NEW POSTS. ALL WORK AND MATERIALS NECESSARY TO REMOVE AND INSTALL THE STREET NAME SIGNS SHALL BE PAID UNDER ITEM 675.50 REMOVING SIGNS, AND ITEM 675.60, ERECTING SALVAGED SIGNS. NEW POSTS INSTALLED SHALL BE PAID UNDER THEIR RESPECTIVE PAY ITEM. ESTIMATED QUANTITIES OF ITEM 675.50 AND ITEM 675.60 ARE INCLUDED ON THE QUANTITY SHEET TO PAY FOR THE WORK. ALL EXISTING STREET NAME SIGNS INSTALLED ON STAND ALONE SIGN POSTS SHALL BE RETAINED WITHIN THE PROJECT LIMITS, UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER.

5. ALL SIGN LETTERING, DIGITS, ARROWS, AND DESIGN OF SYMBOLS FOR SIGNS DETAILED IN THESE PLANS SHALL CONFORM WITH THE "STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AS ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND THE FEDERAL HIGHWAY ADMINISTRATION (FHWA), UNLESS OTHERWISE DETAILED WITHIN THESE PLANS.

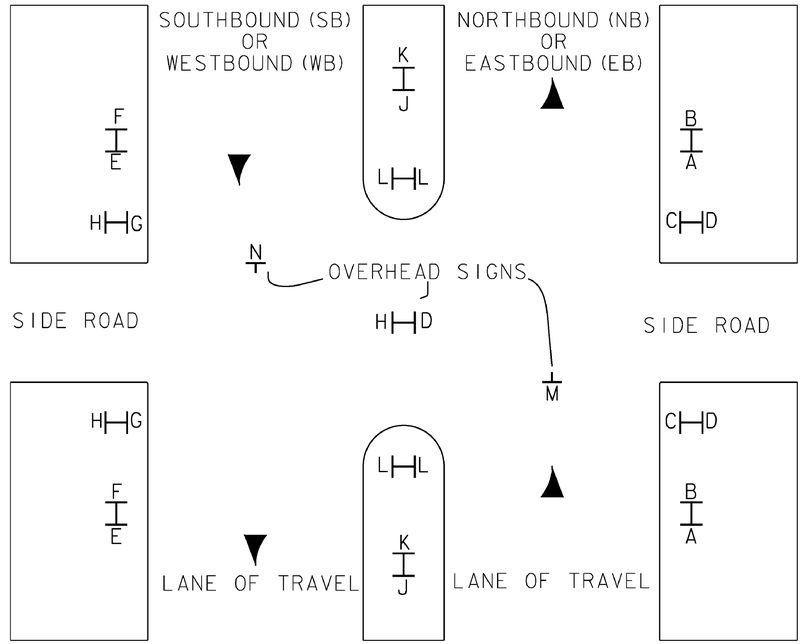
6. WITHIN THE TRAFFIC SIGN SUMMARY SHEETS FY= FLUORESCENT YELLOW SHEETING (ASTM TYPE VII, VIII, OR IX) AND FYG = FLUORESCENT YELLOW-GREEN SHEETING (ASTM TYPE VII, VIII, OR IX). REFER TO SUBSECTION 750.08 RETROREFLECTIVE SHEETING. THESE ABBREVIATIONS CAN BE FOUND UNDER SHEETING REMARKS ON THE TRAFFIC SIGN SUMMARY SHEETS INCLUDED WITHIN THESE PROJECT PLANS.

7. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIAL SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIZES		24" X 8"		
		24" X 10"		
		24" X 12"		
		24" X 18"		
		24" X 24"		
		24" X 30"		
		30" X 8"	36" X 12"	
		30" X 15"	36" X 15"	
		30" X 18"	36" X 18"	48" X 18"
		30" X 30"	36" X 24"	48" X 24"
	9" X 12"	30" X 42"	30" X 42"	48" X 30"
	12" X 12"	36" X 8"	36" X 36"	48" X 42"
	18" X 18"	42" X 8"	36" X 48"	48" X 48"
	21" X 15"	48" X 8"	36" X 54"	48" X 60"
THICKNESS	0.060"	0.080"	0.100"	0.125"

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

9. IF SUITABLE EXCAVATION MATERIAL IS NOT AVAILABLE AND ITEM 203.30 EARTH BORROW IS USED THEN RENTAL ITEMS 608.25, 608.37 AND 608.40 DO NOT APPLY. THE COST OF INSTALLATION SHALL BE INCLUDED IN THE BASIS OF PAYMENT FOR ITEM 203.30.



THE TRAFFIC SIGN LOCATION CODES ARE TO BE USED IN CONJUNCTION WITH THE SIGN SUMMARY SHEETS TO ESTABLISH PROPER SIGN INSTALLATION IN THE FIELD.

TRAFFIC SIGN LOCATION CODES

NOT TO SCALE

GUARDRAIL GENERAL NOTES

1. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

2. ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I; 608.37 TRUCK RENTAL; AND 608.40 LOADER RENTAL, TYPE I; ARE INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. 25 CUBIC YARDS OF EARTH MATERIAL HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.

VAOT RURAL AREA MIX

LBS/AC					
% WEIGHT	BROADCAST	HYDROSEED	NAME	GERM %	PURITY %
37.5%	22.5	45	CREEPING RED FESCUE	85%	98%
37.5%	22.5	45	TALL FESCUE	90%	95%
5.0%	3	6	RED TOP	90%	95%
15.0%	9	18	BIRDSFOOT TREFOIL	85%	98%
5.0%	3	6	ANNUAL RYE GRASS	85%	95%
100%	60	120			

GENERAL GUIDANCE

FERTILIZER		LIME	
BROADCAST	HYDROSEED	BROADCAST	HYDROSEED
10-20-10	19-19-19	PELLETIZED	LIQUID
500 LBS/AC		2 TONS/AC	4.4 GAL/AC

CONSTRUCTION GUIDANCE

1. RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.

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

3. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER

4. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.

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

6. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED

7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES

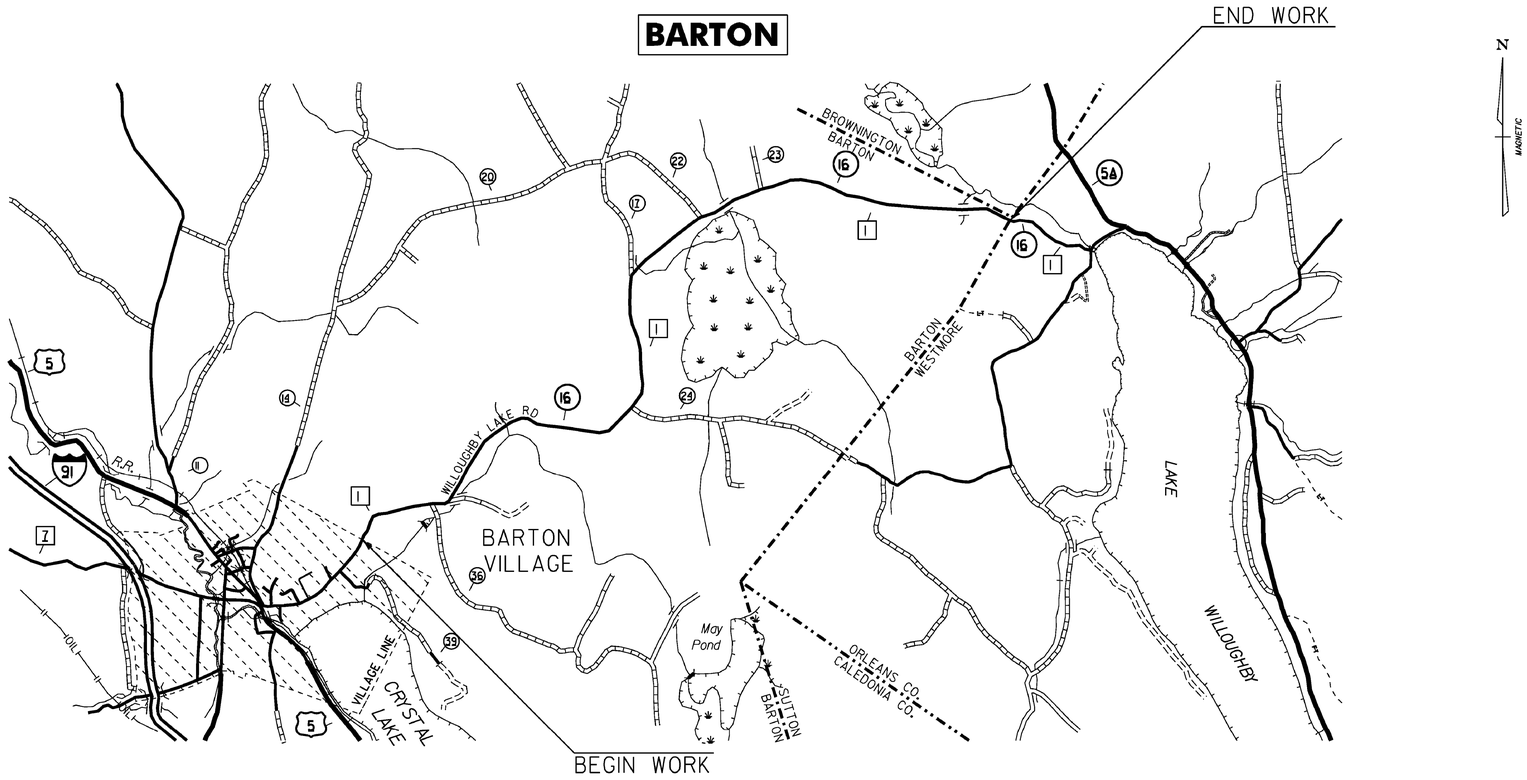
TURF ESTABLISHMENT

REVISIONS	
JUNE 23, 2009	WHF
JANUARY 15, 2010	WHF

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

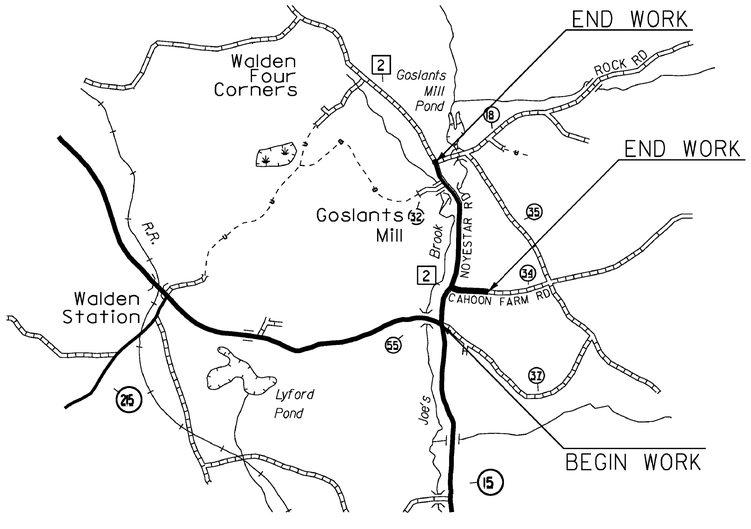
FILE NAME: d10k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: ITS
DESIGNED BY: NLA	CHECKED BY: JLS
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BARTON



BEGINNING AT THE INTERSECTION OF US ROUTE 5 AND EASTERN AVENUE / WILLOUGHBY LAKE ROAD (TH-1) IN THE TOWN OF BARTON, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS EACH OTHER AS MILE MARKER 0.000 AND EXTENDING NORTHERLY 0.730 MILES TO THE VILLAGE TOWN LINE TO THE LOCATION WHERE THE WORK WILL BEGIN FOR THIS PORTION OF THE PROJECT AND FROM THE VILLAGE-TOWN LINE EXTENDING NORTHERLY 5.580 MILES TO THE BARTON-WESTMORE TOWNLINE (MM 6.31) TO CONCLUDE THIS PORTION OF THE PROJECT.

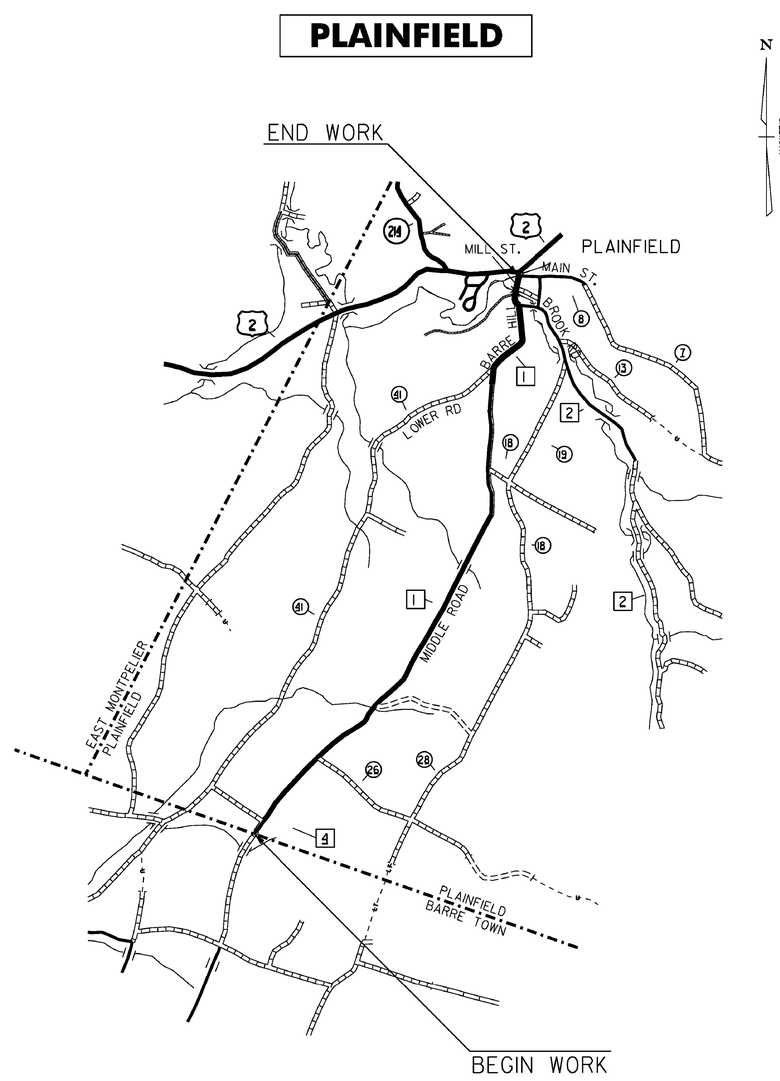
WALDEN



BEGINNING AT THE INTERSECTION OF VT ROUTE 15 AND NOYESTAR ROAD (TH-2) IN THE TOWN OF WALDEN, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS EACH OTHER AS MILE MARKER 0.000 AND EXTENDING NORTHERLY 1.033 MILES TO THE INTERSECTION OF NOYESTAR ROAD AND ROCK ROAD TO CONCLUDE THIS PORTION OF THE PROJECT.

ALSO ON ANOTHER ROADWAY, BEGINNING AT THE INTERSECTION OF NOYESTAR ROAD (TH-2) AND CAHOON FARM ROAD IN THE TOWN OF WALDEN DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS WITH EACH OTHER AS MILE MARKER 0.000 EXTENDING EASTERLY ALONG CAHOON FARM ROAD FOR A DISTANCE OF 0.258 MILES TO A FIELD DRIVE NEXT TO POLE #WE/L37/R5 TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

PLAINFIELD



BEGINNING AT THE BARRE TOWN-PLAINFIELD TOWN LINE ON MIDDLE ROAD (TH-1) IN THE TOWN OF PLAINFIELD, DESIGNATING THE TOWN LINE AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG MIDDLE ROAD FOR A DISTANCE OF 3.33 MILES TO THE INTERSECTION OF MIDDLE ROAD, BARRE HILL ROAD, AND LOWER ROAD TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

ON ANOTHER ROADWAY, BEGINNING AT THE INTERSECTION OF MIDDLE ROAD (TH-1), BARRE HILL ROAD AND LOWER ROAD IN THE TOWN OF PLAINFIELD, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS WITH EACH OTHER AS MILE MARKER 0.000 EXTENDING NORTHERLY ALONG BARRE HILL ROAD FOR A DISTANCE OF 0.486 MILES TO THE INTERSECTION OF BARRE HILL ROAD, MILL STREET AND BROOK ROAD TO CONCLUDE THIS SEGMENT OF THIS PROJECT

ALSO ON ANOTHER ROADWAY, BEGINNING AT THE INTERSECTION OF BARRE HILL ROAD, MILL STREET AND BROOK ROAD IN THE TOWN OF PLAINFIELD, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS WITH EACH OTHER AS MILE MARKER 0.000 EXTENDING NORTHERLY ALONG MILL STREET ROAD FOR A DISTANCE OF 0.150 MILES TO THE INTERSECTION OF MILL STREET AND MAIN STREET TO CONCLUDE THIS SEGMENT OF THIS PROJECT

NOT TO SCALE

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
LOCATION MAPS

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 3 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

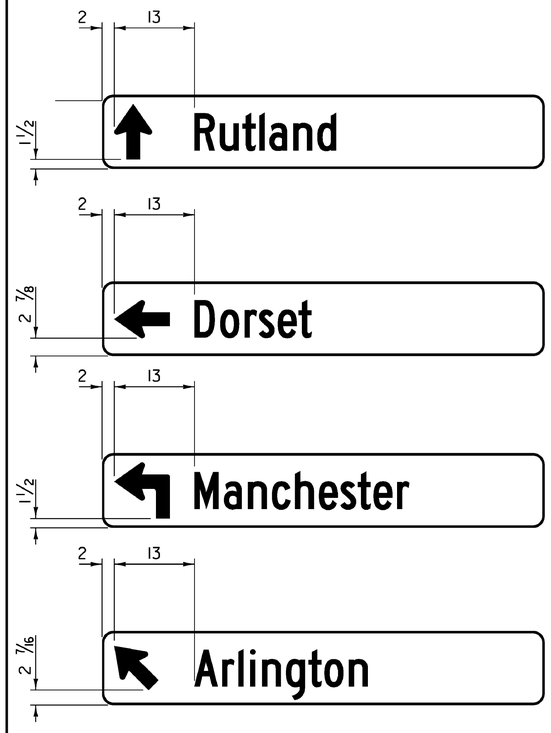
SUMMARY OF ESTIMATED QUANTITIES	TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
500	500		CY	EARTH BORROW	203.30	EST.			
1	1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
8	8		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
8	8		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.			
8	8		HR	TRUCK RENTAL	608.37	EST.			
8	8		HR	LOADER RENTAL, TYPE I	608.40	EST.			
2000	2000		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	-			
20	20		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
1850	1850		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-			
24	24		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
275	275		HR	FLAGGERS	630.15	EST.			
1	1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
1	1		LS	TRAFFIC CONTROL	641.10	-			
66650	66650		LF	4 INCH WHITE LINE	646.20	16.4			
175	175		LF	4 INCH YELLOW LINE	646.21	-			
55	55		LF	24 INCH STOP BAR	646.26	-			
20	20		EACH	LETTER OR SYMBOL	646.30	-			
50	50		LB	SEED	651.15	EST.			
50	50		LB	FERTILIZER	651.18	EST.			
1	1		TON	AGRICULTURAL LIMESTONE	651.20	EST.			
2.5	2.5		TON	HAY MULCH	651.25	EST.			
25	25		CY	TOPSOIL	651.35	EST.			
500	500		SY	TEMPORARY EROSION MATTING	653.20	EST.			
679	679		SF	TRAFFIC SIGNS, TYPE A	675.20	0.93			
1785	1785		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-			
68	68		EACH	REMOVING SIGNS	675.50	-			
1	1		EACH	ERECTING SALVAGED SIGNS	675.60	EST.			
59	59		EACH	SPECIAL PROVISION (DELINEATOR WITH STEEL POST)	900.620	-			
850.25	850.25		LF	STEEL BEAM GUARDRAIL GALVANIZED, W/8 FT POST	621.205				
2	2		EA	SUPPLEMENT AGREEMENT (STEEL BEAM GUARDRAIL GALVANIZED) (W/ W8x24x4'6" BRIDGE POST)	900.520				

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

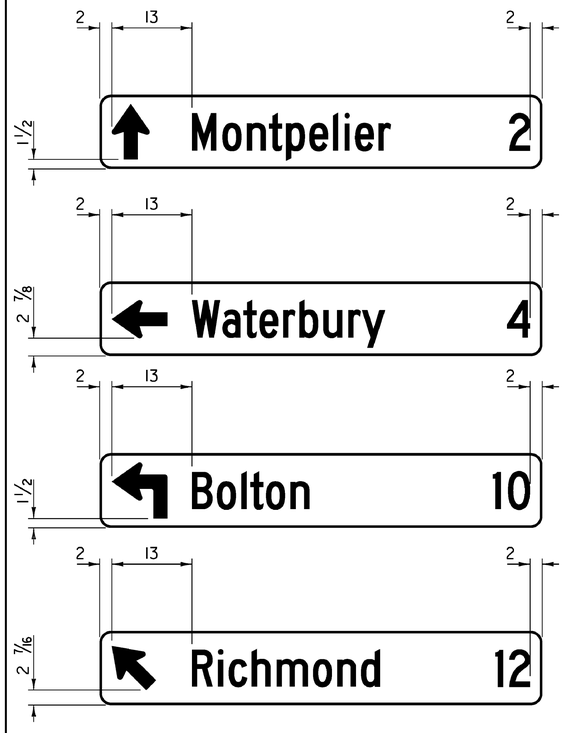
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PROJECT LEADER: JLS
DESIGNED BY: NLA
QUANTITY SHEET

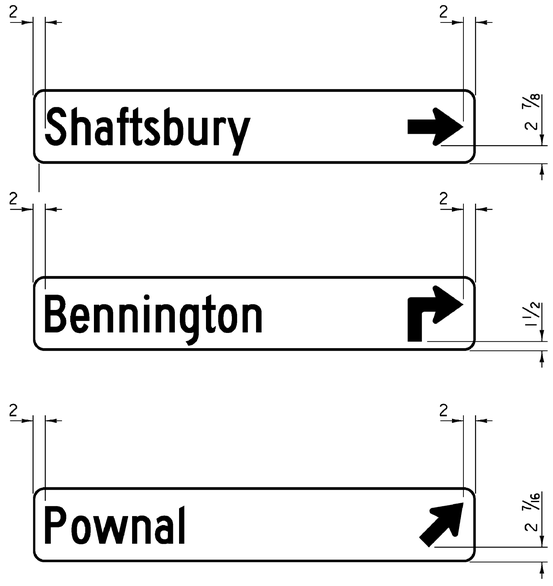
PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 4 OF 28

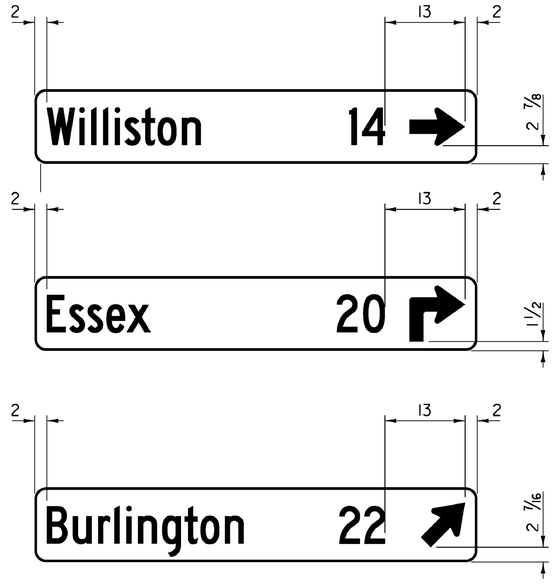
VD1–1



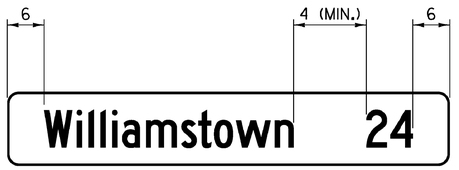
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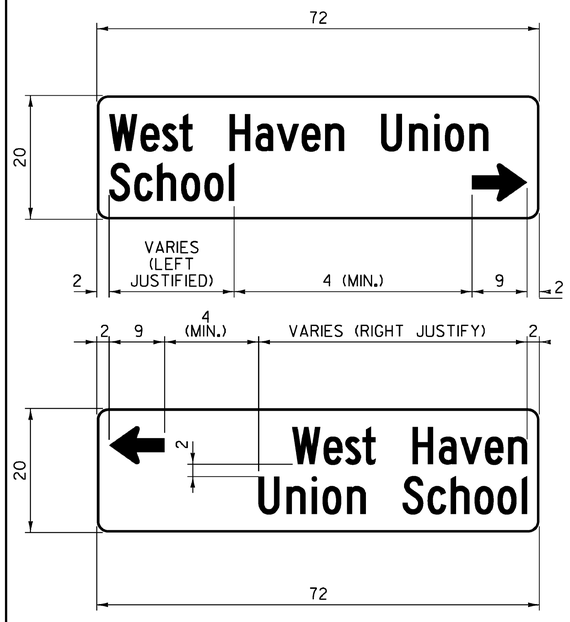




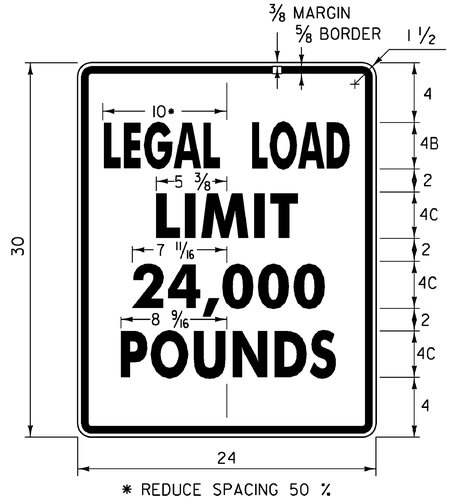
VD2–1



VD2–1S

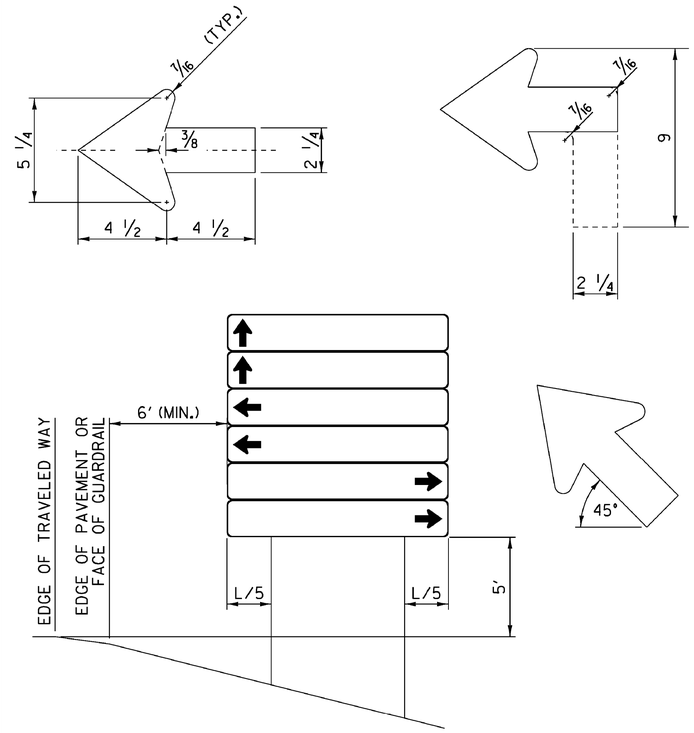


VR–017



* REDUCE SPACING 50 %
LINE 3 ALTERNATE - **16,000**

1.500" RADIUS, 0.625" BORDER, 0.375" INDENT
COLORS: BLACK ON WHITE
TEXT STYLE: "LEGAL LOAD" B; "LIMIT" C;
"24,000" C; "POUNDS" C



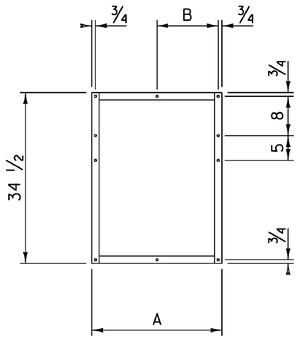
INSTALLATION DETAIL

D–BOARD NOTES:

1. SIGN SUBSTRATE MATERIAL SHALL BE ALUMINUM SHEETING 0.125 INCHES MINIMUM THICKNESS.
2. ALL SIGNS SHALL BE 72 INCH BY 12 INCH WITH CORNERS ROUNDED TO A 1½ INCH RADIUS, UNLESS OTHERWISE NOTED.
3. SIGNS SHALL HAVE A ⅜ INCH WIDE BORDER ROUNDED TO A 1½ INCH RADIUS.
4. SIGNS SHALL BE WHITE RETROREFLECTIVE LEGEND ON A GREEN RETROREFLECTIVE BACKGROUND, BOTH SHALL HAVE RETROREFLECTIVE SHEETING EQUAL TO OR EXCEEDING "AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS" (AASHTO) M 268 ["AMERICAN SOCIETY FOR TESTING AND MATERIALS" (ASTM) D 4956] TYPE III.
5. LEGEND SHALL BE CENTERED VERTICALLY
6. LEGEND SHALL BE LOWER CASE WITH THE FIRST LETTERS CAPITALIZED.
7. TEXT SIZE AND SERIES SHALL BE SIZED IN THIS ORDER UNTIL THE LEGEND FITS (EACH CAN BE REDUCED TO 80% SPACING): 6C; 6B; 5C; 5B; 4C; 4B.
8. SEQUENCE OF ARROWS TO BE AS SHOWN, TOP TO BOTTOM.
9. SIGNS SHALL BE LIMITED TO TWO PER DIRECTION PER INSTALLATION WITH A MAXIMUM OF 6 SIGNS.
10. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

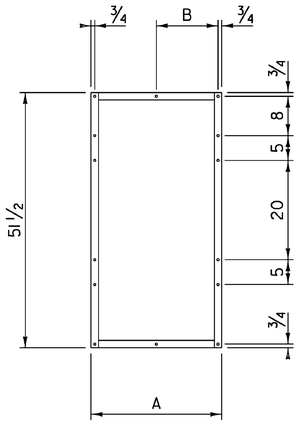
PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(8)
FILE NAME: d10k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: ITS
DESIGNED BY: NLA	CHECKED BY: JLS
GENERAL SIGN DETAIL SHEET 1	SHEET 5 OF 28

TYPE 1



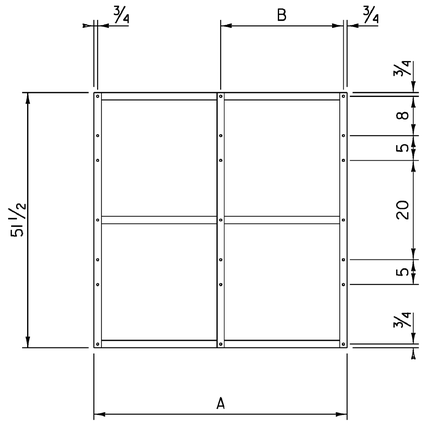
FRAME TYPE	A	B
IA	26 1/2	12 1/2
IB	29 1/2	15 1/2
IC	32 1/2	15 1/2

TYPE 2



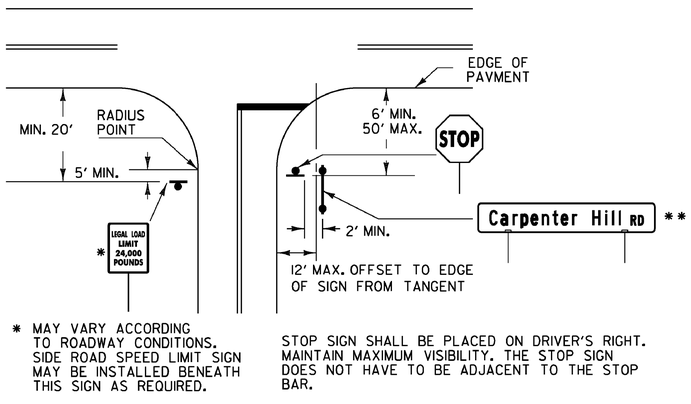
FRAME TYPE	A	B
2A	26 1/2	12 1/2
2B	29 1/2	15 1/2
2C	32 1/2	15 1/2

TYPE 3



FRAME TYPE	A	B
3A	51 1/2	25
3B	54 1/2	28
3C	57 1/2	28
3D	63 1/2	31

ROUTE MARKER ASSEMBLY FRAMES



* MAY VARY ACCORDING TO ROADWAY CONDITIONS. SIDE ROAD SPEED LIMIT SIGN MAY BE INSTALLED BENEATH THIS SIGN AS REQUIRED.

STOP SIGN SHALL BE PLACED ON DRIVER'S RIGHT. MAINTAIN MAXIMUM VISIBILITY. THE STOP SIGN DOES NOT HAVE TO BE ADJACENT TO THE STOP BAR.

** STREET NAME SIGNS MAY BE INSTALLED AT 90 DEGREES ON TOP OF THE STOP SIGN IF STREET NAME SIGNS ARE 48 INCHES OR LESS IN LENGTH. IF THE STREET NAME SIGN IS 48 INCHES AND GREATER IN LENGTH THEN THE SIGN SHALL BE INSTALLED ON TWO SIGN POSTS TO THE RIGHT OF THE STOP SIGN AT A 2 FOOT MINIMUM LATERAL OFFSET MAINTAINING MAXIMUM VISIBILITY AT THE INTERSECTION FOR THE STOPPED VEHICLE.

LEGAL LOAD LIMIT AND STOP SIGNS AT INTERSECTIONS WITH TOWN HIGHWAYS

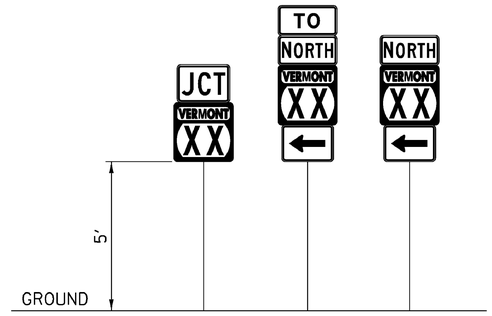
STREET NAME SIGNS NOTES:

1. THE SIGN BASE MATERIALS USED FOR THE STREET SIGNS MAY BE EITHER OF THE FOLLOWING:

   A - EXTRUDED ALUMINUM BLADES
   B - FLAT ALUMINUM BLADES

   THE MATERIAL FOR THE BLADES SHALL BE EITHER EXTRUDED ALUMINUM WITH A 0.25 INCH FLANGE THICKNESS AND A 0.090 INCH WEB (MIN) OR FLAT SHEET ALUMINUM WITH A MINIMUM THICKNESS OF 0.125 INCH. THE PREFERRED MOUNTING METHOD FOR STREET SIGNS IS POST TOP MOUNTING BRACKETS. HARDWARE FOR MOUNTING SIGNS TO POST SHALL BE INCIDENTAL TO OTHER ITEMS. MOUNTING METHOD WILL BE AS SHOWN ON THE PLANS. FOR POST TOP MOUNTINGS SIGNS SHALL HAVE TEXT ON BOTH SIDES.

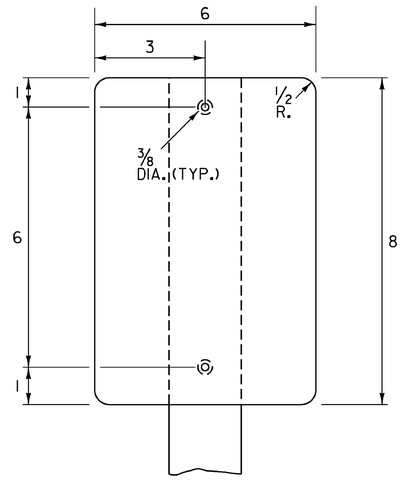
2. ALL STREET NAME SIGN BASE MATERIAL ON THIS SHEET SHALL HAVE WHITE RETROREFLECTIVE ASTM TYPE III (MINIMUM) TEXT ON A GREEN RETROREFLECTIVE ASTM TYPE III (MINIMUM) BACKGROUND. THE COLORS SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



GUIDE SIGN PLACEMENT DETAIL

NOTE:

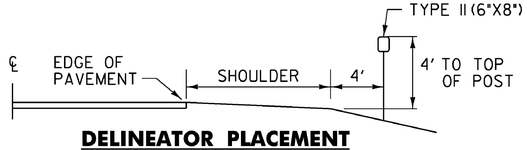
1. IN ALL URBAN AREAS AND IN RURAL AREAS WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS, MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO 7 FEET.



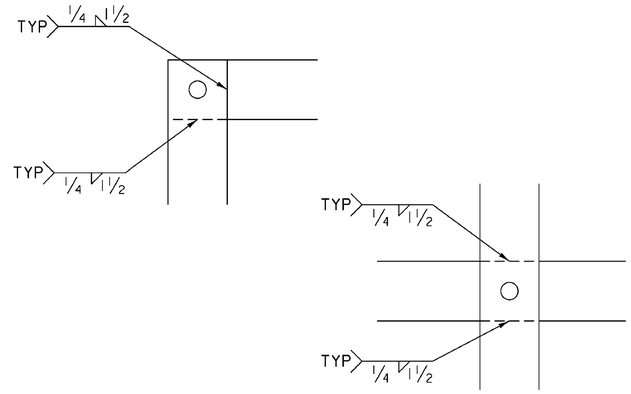
TYPE II (6"X8") DELINEATOR

DELINEATORS WITH RETROREFLECTIVE SHEETING

1. MATERIAL FOR RETROREFLECTIVE SHEETING FOR DELINEATORS SHALL BE A 0.063" ALUMINUM BACKING WITH A WHITE ASTM TYPE III OR TYPE IV.
2. ALL TYPE II (6"X8") DELINEATOR POSTS SHALL BE 1.88 LB/FT SQUARE STEEL WITH A 12 GAUGE ANCHOR, WITH AN ANCHOR REVEAL OF 2 INCHES.
3. DELINEATOR POSTS SHALL HAVE A MINMUM EMBEDMENT OF 2'-6" IN THE GROUND.
4. ALL WORK ASSOCIATED WITH TYPE II (6"X8") DELINEATORS SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (DELINEATOR WITH STEAL POST).



DELINEATOR PLACEMENT



WELDING DETAILS

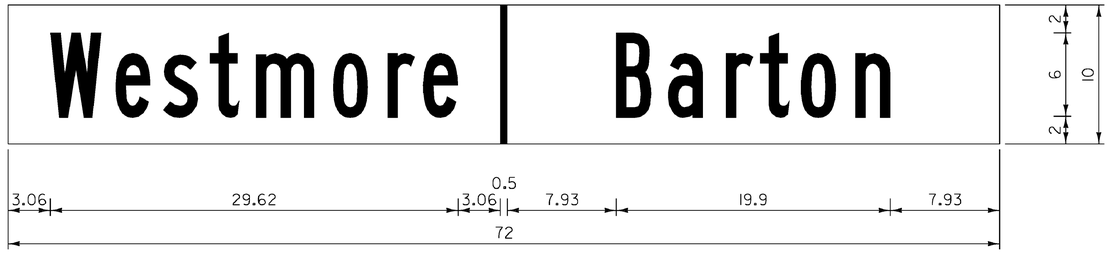
NOTES:

1. TYPE IA FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS.
2. TYPE IB FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN AND ONE 30 INCH WIDE SIGN COLUMN.
3. TYPE IC FRAME ASSEMBLY TO BE USED WITH TWO 30 INCH WIDE SIGN COLUMNS.
4. TYPE 2A FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS.
5. TYPE 2B FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN AND ONE 30 INCH WIDE SIGN COLUMN.
6. TYPE 2C FRAME ASSEMBLY TO BE USED WITH TWO 30 INCH WIDE SIGN COLUMNS.
7. TYPE 3A FRAME ASSEMBLY TO BE USED WITH THREE 24 INCH WIDE SIGN COLUMNS.
8. TYPE 3B FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS AND ONE 30 INCH WIDE SIGN COLUMN, WITH THE 30 INCH SIGN COLUMN IN AN OUTSIDE POSITION.
9. TYPE 3C FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN IN THE CENTER AND TWO 30 INCH SIGN COLUMNS ON THE OUTSIDE OR ONE 30 INCH SIGN COLUMN IN THE CENTER AND TWO 24 INCH SIGN COLUMNS ON THE OUTSIDE.
10. TYPE 3D FRAME ASSEMBLY TO BE USED WITH THREE 30 INCH WIDE SIGN COLUMNS.
11. ALL HOLES SHALL BE 7/16 INCH DIAMETER.
12. FOR SIGN COMBINATIONS OTHER THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY.
13. STANDARD FRAMES SHALL BE CONSTRUCTED OF 5/16 INCH BY 1 1/2 INCH A-36 STEEL AASHTO M 270M/M 270, GRADE 250 (GRADE 36).
14. SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SECTION 2D.29 FOR INSTALLATION SEQUENCE.
15. ALL DIMENSIONS SHOWN IN INCHES, UNLESS OTHERWISE NOTED.

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

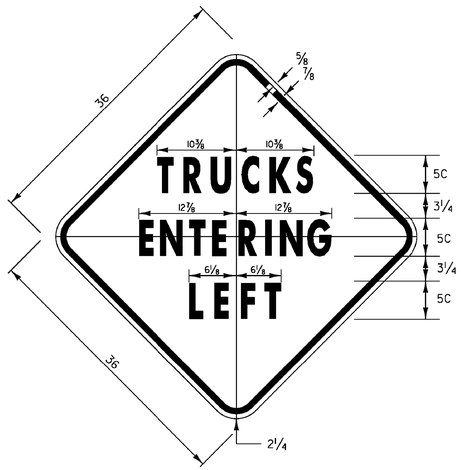
FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
GENERAL SIGN DETAIL SHEET 2

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 6 OF 28



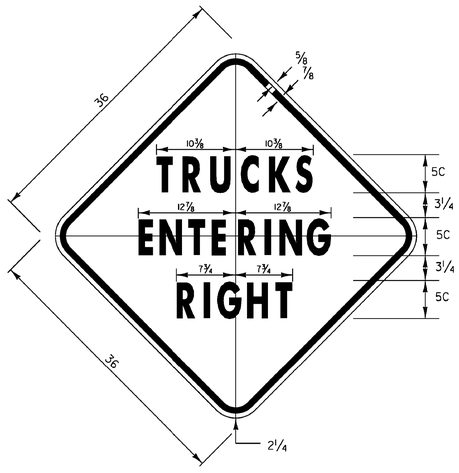
WHITE
NO BORDER, ~~BLACK~~ ON GREEN;
[WESTMORE] WHITE B; RECTANGLE WHITE; [BARTON] WHITE B;

VD-024



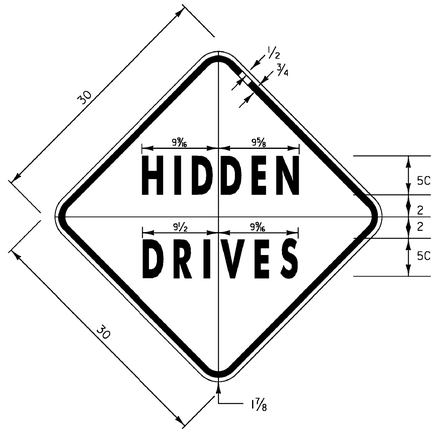
2.25" RADIUS, 0.875" BORDER, 0.625" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

VW-084



1.25" RADIUS, 0.875" BORDER, 0.625" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

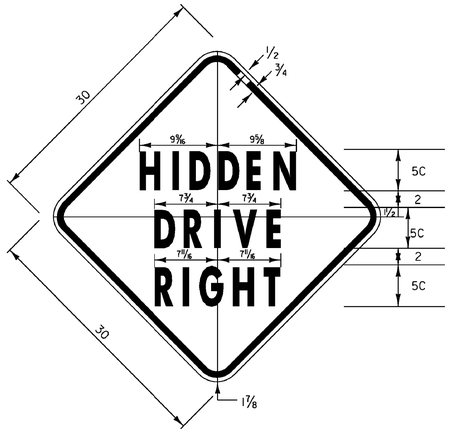
VW-081



1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

VW-060

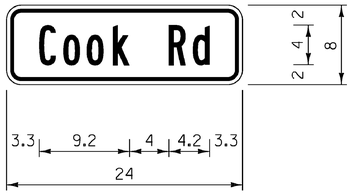
BARTON



1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

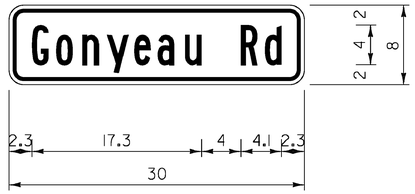
VW-054

BARTON & PLAINFIELD



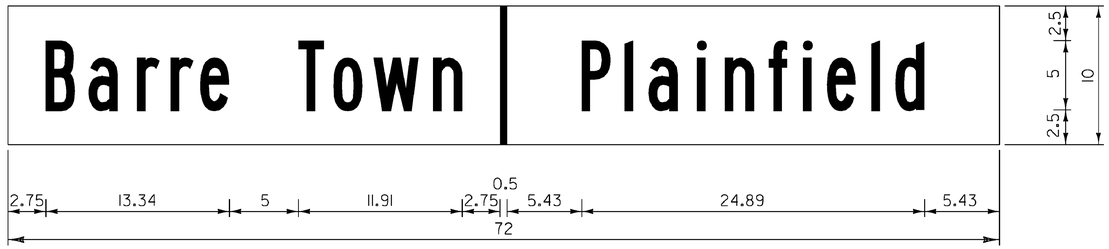
1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON YELLOW;
[COOK RD] B;

W16-8P



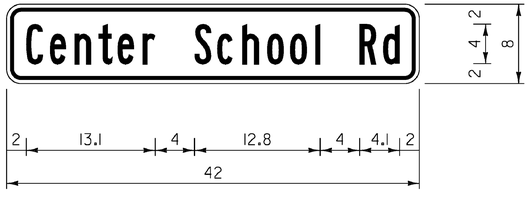
1.5" RADIUS, 0.375" BORDER, 0.375" INDENT, BLACK ON YELLOW;
[GONYEAU RD] B;

W16-8P



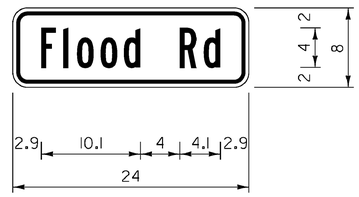
NO BORDER, WHITE ON GREEN;
[BARRE TOWN] WHITE B; RECTANGLE WHITE; [PLAINFIELD] WHITE B;

VD-024



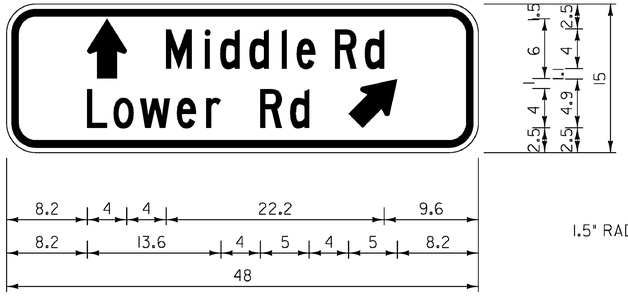
1.5" RADIUS, 0.375" BORDER, 0.375" INDENT, BLACK ON YELLOW;
[CENTER SCHOOL RD] B SPECIFIED LENGTH;

W16-8P



1.5" RADIUS, 0.375" BORDER, 0.375" INDENT, BLACK ON YELLOW;
[FLOOD RD] B;

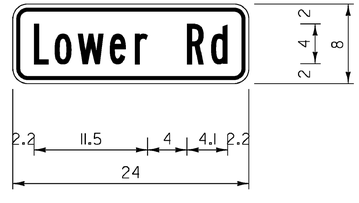
W16-8P



3.0" RADIUS, 0.75" BORDER, 0.5" INDENT, BLACK ON YELLOW;
STANDARD ARROW CUSTOM 6.0" X 4.0" 90‡; [MIDDLERD] C;
[LOWER RD] C; STANDARD ARROW CUSTOM 6.0" X 4.0" 45‡;

W16-8aP

PLAINFIELD



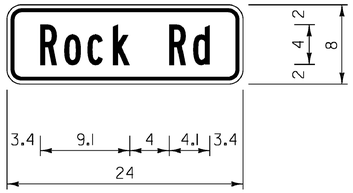
1.5" RADIUS, 0.375" BORDER, 0.375" INDENT, BLACK ON YELLOW;
[LOWER RD] B;

W16-8P

ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.

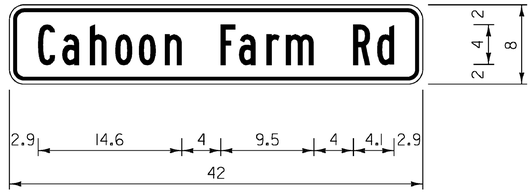
PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(8)

FILE NAME: 10k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: NLA
DESIGNED BY: NLA	CHECKED BY: JLS
SPECIFIC TOWN SIGN DETAIL SHEET 1	SHEET 7 OF 28



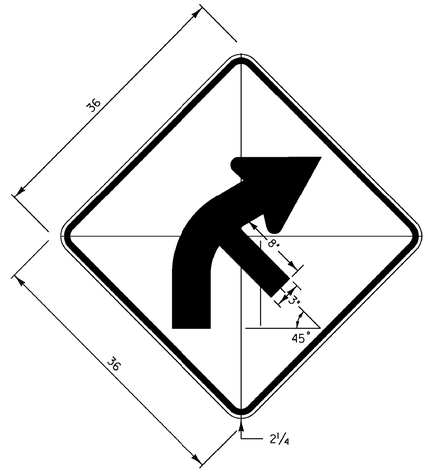
1.5" RADIUS, 0.375" BORDER, 0.375" INDENT, BLACK ON YELLOW;
[ROCK RD] B;

W16-8P



1.5" RADIUS, 0.375" BORDER, 0.375" INDENT, BLACK ON YELLOW;
[CAHOON FARM RD] B;

W16-8P



W1-2Mb R(L)

DIMENSIONS NOT SHOWN
FOR THIS DETAIL SHALL CONFORM
TO THE LATEST EDITION OF THE 2009
MUTCD FOR SIGN DETAIL WI-2.
UNLESS OTHERWISE NOTED FOR THIS DETAIL

WALDEN

PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(8)

FILE NAME: 10k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: NLA
DESIGNED BY: NLA	CHECKED BY: JLS
SPECIFIC TOWN SIGN DETAIL SHEET 2	SHEET 8 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1 - BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
NB	MM 0.730, RT	A	TOWN SIGN	30	12		END 30 MPH						X		X											REMOVE EXISTING SIGN AND POST 422 FT SOUTH OF POLE #29			
		A	R2-1	24	30		SPEED LIMIT 50	5.00								1		X								INSTALL NEW SIGN AND POST AT TOWN LINE	X		
SB	MM 0.730, LT	F	R2-1	24	30		SPEED LIMIT 30	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST AT THE TOWN LINE AND ACROSS FROM THE R2-1 SIGN	X		
SB	MM 0.790, LT	F	W3-5	36	36		SPEED LIMIT 30	9.00								2		X								INSTALL NEW SIGN ON 2 POSTS 422 FT SOUTH AND ACROSS FROM POLE #29	X		
		F	TOWN SIGN	24	30		REDUCE SPEED 30 MPH						X		X											REMOVE EXISTING SIGN AND POST 106 FT SOUTH AND ACROSS FROM POLE #29			
NB	MM 0.794, RT	A	W1-2R	30	30								X		X											REMOVE EXISTING SIGN AND POST 85 FT SOUTH OF POLE #29			
		A	W13-1P	18	18		40 M.P.H.						X													REMOVE EXISTING PLAQUE BELOW W1-2R SIGN ON THE SAME POST			
SB	MM 0.820, LT	F	VW-054	30	30		HIDDEN DRIVE RIGHT	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 53 FT NORTH AND ACROSS FROM POLE #29		7	
SB	MM 0.840, LT	F	R2-5A	24	30		REDUCED SPEED AHEAD						X		X											REMOVE EXISTING SIGN AND POST 211 FT SOUTH AND ACROSS FROM POLE #31			
		F	TOWN SIGN	24	30		NEIGHBORHOOD WATCH						X													REMOVE EXISTING PLAQUE BELOW R2-5A SIGN			
NB	MM 0.880, RT	A	W1-2R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST DIRECTLY NEXT TO POLE #31	X		
		A	W13-1P	18	18		40 M.P.H.	2.25																		INSTALL NEW PLAQUE BELOW W1-2R SIGN ON THE SAME POST	X		
SB	MM 0.920, LT TO MM 1.048, LT	F E		6	8		(16) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (16) BACK-TO-BACK 70 FT APART ON 8 POSTS, INSTALL FIRST 211 FT NORTH AND ACROSS FROM POLE #31		6	
SB	MM 1.060, LT	F	W1-2L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 50 FT NORTH OF POLE# 37	X		
		F	W13-1P	18	18		40 M.P.H.	2.25																		INSTALL NEW PLAQUE BELOW W1-2L SIGN ON THE SAME POST	X		
										EA	EA	EA	EA 8	EA	EA 6		FT	FT 105	FT		LB	LB	LB	LB				
							SHEET SUBTOTALS	SF 42.25	SF	EA 8				EA 6		EA 7	FT 105			EA	LB							

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 1

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 9 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2 - BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	TUBULAR STEEL O/(in) FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS (SHS = STANDARD HIGHWAY SIGN BOOK)	SIGN DETAIL IN SHS	SIGN DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
SB	MM 1.110, LT	F	WI-2L	30	30								X		X													
		F	WI3-IP	18	18								X															
SB	MM 1.250, LT	F	W7-1	30	30			6.25					X		X	1		X										
NB	MM 1.330, RT	A	WI-2L	30	30			6.25								1		X										
		A	WI3-IP	18	18			2.25																				
NB	MM 1.350, RT	D	R1-1	30	30			6.25					X		X	1		X										
SB	MM 1.460, LT	F	VW-054	30	30			6.25					X		X	1		X										
SB	MM 1.560, LT	F	WI-2R	30	30			6.25								1		X										
		F	WI3-IP	18	18			2.25																				
SB	MM 1.610, LT	F	WI-2R	30	30								X		X													
NB	MM 1.960, RT	A	TOWN SIGN	30	30								X		X													
		A	OMI-1	18	18								X															
NB	MM 2.050, RT	A	OM3-R	12	36								X		X													
NB	MM 2.060, RT	A	WI-4R	30	30			6.25								1		X										
		A	WI3-IP	18	18			2.25																				
SB	MM 2.065, LT	F	OM3-R	12	36								X		X													
							SHEET SUBTOTALS	SF 44.25	SF				EA 10		EA 8	EA 6		FT 90							EA		LB			

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 2

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 10 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3 - BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	FOUNDATION	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL: DETAIL IN SHS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STANDARD SHEET NUMBER
NB	MM 2.090, RT	A	VW-060	30	30		HIDDEN DRIVES	6.25				ALREADY	~~X~~	GONE	~~X~~	I		X								REPLACE EXISTING SIGN AND POST 53 FT SOUTH OF AND ACROSS FROM POLE #61		7	
SB	MM 2.110, LT	F E	WI-8L WI-8R	18 18	24 24		B-B	3.00 3.00								I		X								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 50 FT NORTH OF POLE #61	X		
SB	MM 2.120, LT	F	WI-8L	18	24								X		X											REMOVE EXISTING SIGN AND POST 103 FT NORTH OF POLE #61			
SB	MM 2.132, LT	F E	WI-8L WI-8R	18 18	24 24		B-B	3.00 3.00								I		X								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 166 FT NORTH OF POLE #61	X		
SB	MM 2.134, LT	F	WI-8L	18	24								X		X											REMOVE EXISTING SIGN AND POST 177 FT NORTH OF POLE #61			
SB	MM 2.149, LT	F	WI-8L	18	24								X		X											REMOVE EXISTING SIGN AND POST 225 FT NORTH OF POLE #61			
SB	MM 2.155, LT	F E	WI-8L WI-8R	18 18	24 24		B-B	3.00 3.00								I		X								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 256 FT NORTH OF POLE #61	X		
SB	MM 2.165, LT	F	WI-8L	18	24								X		X											REMOVE EXISTING SIGN AND POST 310 FT NORTH OF POLE #61			
SB	MM 2.177, LT	F E	WI-8L WI-8R	18 18	24 24		B-B	3.00 3.00								I		X								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 372 FT NORTH OF POLE #61	X		
SB	MM 2.177, LT	F	WI-8L	18	24								X		X											REMOVE EXISTING SIGN AND POST 372 FT NORTH OF POLE #61			
SB	MM 2.190, LT	F	TOWN SIGN	30	30		SLOW						X		X											REMOVE EXISTING SIGN AND POST 372 FT SOUTH OF POLE #66/69			
		F	OMI-1	18	18								X													REMOVE EXISTING SIGN BELOW SLOW SIGN			
SB	MM 2.240, LT	F	WI-2L	30	30								X		X											REMOVE EXISTING SIGN AND POST 106 FT SOUTH OF POLE #66/69			
SB	MM 2.270, LT	F	S3-1	30	30		SCHOOL BUS STOP AHEAD						X		X											REMOVE EXISTING SIGN AND POST 53 FT NORTH OF POLE #66/69			
SB	MM 2.240 ~~2.300~~, LT	F	WI-4R	30	30			6.25								I		X								INSTALL NEW SIGN AND POST 53 FT NORTH OF POLE #66/69	X		
		F	W13-1P	18	18		35 M.P.H.	2.25																		INSTALL NEW PLAQUE BELOW WI-4R SIGN ON THE SAME POST	X		
										EA	EA	EA	EA ~~10~~ 9	EA	EA ~~9~~ 8		FT	FT 90	FT						LB	LB	LB	LB			
							SHEET SUBTOTALS	SF 38.75	SF	EA ~~10~~ 9				EA ~~9~~ 8		EA 6	FT 90			EA	LB								

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 3

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 11 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4 - BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.00 (2.42)	SQUARE STEEL (in) lb/ft 2.50 (3.35)	FOUNDATION	TUBULAR STEEL O/(in) lb/ft 3.00 (7.60)	TUBULAR STEEL O/(in) lb/ft 3.50 (9.00)	TUBULAR STEEL O/(in) lb/ft 4.00 (10.80)	TUBULAR STEEL O/(in) lb/ft 5.00 (14.60)	SIGN FRAME REQUIRED	REMARKS (SHS = STANDARD HIGHWAY SIGN BOOK)	SIGN DETAIL: DETAIL IN SHS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STANDARD SHEET NUMBER
NB	MM 2.610, RT	A	WI-2L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 75 FT SOUTH OF THE PULL OFF	X		
		A	WI3-IP	18	18			2.25																			INSTALL NEW PLAQUE BELOW WI-2L SIGN ON THE SAME POST	X		
NB	MM 2.630, RT TO MM 2.730, RT	A B		6	8		(14) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (14) BACK-TO-BACK 70 FT APART ON 7 POSTS, INSTALL FIRST 32 FT NORTH OF THE PULL OFF		6	
SB	MM 2.720, LT	F	WI-2R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 265 FT SOUTH OF POLE B/76/1/84	X		
		F	WI3-IP	18	18			2.25																			INSTALL NEW PLAQUE BELOW WI-2R SIGN ON THE SAME POST	X		
NB	MM 2.840, RT TO MM 2.900, RT	A B		6	8		(8) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (8) BACK-TO-BACK 85 FT APART ON 4 POSTS, INSTALL FIRST 50 FT NORTH OF FLD DR.		6	
NB	MM 2.850, RT	A	WI-10L	36	36			9.00								2		X								INSTALL NEW SIGN ON 2 POSTS 103 FT NORTH OF FLD DR.	X		
		A	W16-8P	24	8			1.33																			INSTALL NEW PLAQUE BELOW WI-10L SIGN ON THE SAME POSTS		7	
NB	MM 2.940, RT	D	RI-1	30	30			6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 37 FT SOUTH OF POLE 84/NET/7/88/107	X		
NB	MM 2.960, RT	A	WI-2L	30	30			6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 158 FT SOUTH OF POLE B/7/85/NET/89	X		
		A	WI3-IP	18	18			2.25																			INSTALL NEW PLAQUE BELOW WI-2L SIGN ON THE SAME POST	X		
NB	MM 2.980, RT TO MM 3.040, RT	A B		6	8		(8) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (8) BACK-TO-BACK 70 FT APART ON 4 POSTS, INSTALL FIRST 53 FT SOUTH OF POLE B/7/85/NET/89		6	
SB	MM 3.110, LT	F	WI-2R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 50 FT SOUTH AND ACROSS FROM POLE # 88/NET/92	X		
		F	WI3-IP	18	18			2.25																			INSTALL NEW PLAQUE BELOW WI-2R SIGN ON THE SAME POST	X		
SB	MM 3.380, LT	F	WI-2R	30	30			6.25					~~X~~		~~X~~	1		X								REPLACE EXISTING SIGN AND POST 25 FT SOUTH OF POLE #45-01	X		
													ALREADY GONE																
										EA	EA	EA	EA ~~3~~ 2	EA	EA ~~3~~ 2														
																	FT	FT 120	FT		LB	LB	LB	LB					
							SHEET SUBTOTALS	SF 56.83	SF	EA ~~3~~ 2				EA ~~3~~ 2		EA 8	FT 120		EA	LB								

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 4

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 12 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5 - BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.00 (2.42)	SQUARE STEEL (in) lb/ft 2.50 (3.35)	TUBULAR STEEL O/(in) FOUNDATION	TUBULAR STEEL O/(in) lb/ft 3.00 (7.60)	TUBULAR STEEL O/(in) lb/ft 3.50 (9.00)	TUBULAR STEEL O/(in) lb/ft 4.00 (10.80)	TUBULAR STEEL O/(in) lb/ft 5.00 (14.60)	SIGN FRAME REQUIRED	REMARKS (SHS = STANDARD HIGHWAY SIGN BOOK)	SIGN DETAIL IN SHS	SIGN DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
NB	MM 3.670, RT	A	WI-IOR	36	36			9.00								2		X								INSTALL NEW SIGN ON 2 POSTS NEXT TO POST #37/106	X		
		A	WI3-IP	18	18			2.25																			INSTALL NEW PLAQUE BELOW WI-IOR SIGN ON RIGHT HAND POST FARTHEST FROM TRAFFIC	X		
SB	MM 3.760, LT	H	RI-I	30	30					X				X													RETAIN EXISTING SIGN AND POST 475 FT NORTH AND ACROSS FROM POLE #37/106			
NB	MM 3.780, RT	A	M3-2	24	12			2.00								1		X								INSTALL NEW SIGN AND POST NEXT TO POLE #34 SIGN COLORS ARE GREEN AND WHITE	X		
		A	MI-6	24	24			4.00					X		X											INSTALL NEW SIGN BELOW M3-2 SIGN ON THE SAME POST			E136B
SB	MM 3.810, LT	F	WI-IOL	36	36			9.00								2		X								INSTALL NEW SIGN ON 2 POSTS 158 FT NORTH AND ACROSS FROM POLE #34	X		
		F	WI3-IP	18	18			2.25																			INSTALL NEW PLAQUE BELOW WI-IOL SIGN ON LEFT HAND POST FARTHEST FROM TRAFFIC	X		
NB	MM 3.980, RT	A	VW-202	24	24								X		X											REMOVE EXISTING SIGN AND POST 1056 FT NORTH OF POLE #34			
		A	VW-081	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 1056 FT NORTH OF POLE #34		7	
NB	MM 4.080, RT	D	RI-I	30	30			6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 875 FT SOUTH OF POLE #18	X		
SB	MM 4.180, LT	F	VW-202	24	24								X		X											REMOVE EXISTING SIGN AND POST 347 FT SOUTH AND ACROSS FROM POLE #18			
		F	VW-084	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 1056 FT NORTH OF POLE #18		7	
NB	MM 4.240, RT	A	WI-4R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST NEXT TO POLE #B/11/5/32	X		
SB	MM 4.290, LT	H	RI-I	30	30			6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST AT THE CORNER OF FISKE ROAD AND WILLOUGHBY LAKE ROAD INTERSECTION	X		
SB	MM 4.450, LT	F	WI-4R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST DIRECTLY NEXT TO POLE #B/11/5/32	X		
NB	MM 4.470, RT TO MM 4.481, RT	A B		6	8		(8) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (8) BACK-TO-BACK 20 FT APART ON 4 POSTS, INSTALL FIRST 52 FT SOUTH AND ACROSS POLE #133		6	
								EA 1		EA	EA	EA	EA ~~4~~ 5	EA 1	EA ~~4~~ 5		FT	FT 165	FT			LB	LB	LB					
							SHEET SUBTOTALS	SF 66.00	SF	EA ~~5~~ 6				EA ~~5~~ 6		EA 11	FT 165		EA	LB								

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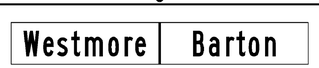
PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: dl0k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 5

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 13 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6 – BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	TUBULAR STEEL O/(in) FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL IN SHS	SIGN DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
SB	MM 4.470, ~~RT~~ LT TO MM 4.481, ~~RT~~ LT	F E		6	8		(8) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (8) BACK-TO-BACK 20 FT APART ON 4 POSTS, INSTALL FIRST 52 FT SOUTH OF POLE #133		6	
NB	MM 4.880, RT	A	WI-2R	30	30			6.25					~~X~~ ALREADY GONE		~~X~~	1		X								REPLACE EXISTING SIGN AND POST 100 FT NORTH OF POLE #16/144	X		
		A	WI3-IP	18	18			2.25																		INSTALL NEW PLAQUE BELOW WI-2R SIGN ON THE SAME POST	X		
SB	MM 4.900, LT TO MM 4.980, LT	F E		6	8		(10) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (10) BACK-TO-BACK 85 FT APART ON 5 POSTS, INSTALL FIRST ACROSS FROM POLE #B/311/20/145		6	
SB	MM 5.010, LT	F	WI-2L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 100 FT SOUTH AND ACROSS FROM POLE #B/311/20/148	X		
		F	WI3-IP	18	18			2.25																		INSTALL NEW PLAQUE BELOW WI-2L SIGN ON THE SAME POST	X		
NB	MM 5.230, RT TO MM 5.280, RT	A B		6	8		(6) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (6) BACK-TO-BACK 85 FT APART ON 3 POSTS, INSTALL FIRST 106 FT SOUTH OF POLE B/311/20/152		6	
NB	MM 5.930, RT	A	WI-4L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 158 FT NORTH AND ACROSS FROM POLE #22/NET/10-8/23	X		
		A	WI3-IP	18	18			2.25																		INSTALL NEW PLAQUE BELOW WI-4L SIGN ON THE SAME POST	X		
NB	MM 6.210, RT	A	R2-5A	24	30								X		X											REMOVE EXISTING SIGN AND POST 158 FT SOUTH AND ACROSS FROM POLE #4			
SB	MM 6.210, LT	F	WI-4L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 158 FT SOUTH OF POLE #4	X		
		F	WI3-IP	18	18			2.25																		INSTALL NEW PLAQUE BELOW WI-4L SIGN ON THE SAME POST	X		
NB	MM 6.250, RT	A	W3-5	36	36			9.00								2		X								INSTALL NEW SIGN ON 2 POSTS 53 FT NORTH AND ACROSS FROM POLE #4	X		
NB	MM 6.310, RT	A	VD-024	72	10			5.00								2		X								INSTALL NEW SIGN ON 2 POSTS AT WESTMORE AND BARTON TOWN LINE 370 FT NORTH OF AND ACROSS FROM POLE #4		7	
NB	MM 6.310, RT	A	R2-1	24	30			5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST ON WESTMORE AND BARTON TOWN LINE 370 FT NORTH OF POLE #4	X		
SB	MM 6.310, LT	F	R2-1	24	30			5.00								1		X								INSTALL NEW SIGN AND POST ON THE WESTMORE AND BARTON TOWN LINE, ACROSS THE ROAD FROM THE TOWN LINE SIGN 370 FT NORTH OF POLE #4	X		
										EA	EA	EA	EA ~~3~~ 2	EA	EA ~~3~~ 2		FT	FT 150	FT		LB	LB	LB	LB					
							SHEET SUBTOTALS	SF 58.00	SF	EA ~~3~~ 2				EA ~~3~~ 2		EA 10	FT 150		EA	LB									

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PROJECT NUMBER: STP HRRR(8)

FILE NAME: dl0k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 6

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 14 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7 - BARTON

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
							SUBTOTAL TSS SHEET 9	42.25					8		6	7		105											
							SUBTOTAL TSS SHEET 10	44.25					10		8	6		90											
							SUBTOTAL TSS SHEET 11	38.75				9	~~10~~	8	~~9~~	6		90											
							SBUTOTAL TSS SHEET 12	56.83				2	~~3~~	2	~~3~~	8		120											
							SUBTOTAL TSS SHEET 13	66.00		1		5	~~4~~	1 5	~~4~~	11		165											
							SUBTOTAL TSS SHEET 14	58.00				2	~~3~~	2	~~3~~	10		150											

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

			EA	EA	EA	EA	EA	EA		FT	FT	FT		LB	LB	LB	LB				
			1			~~38~~ 36	1	~~33~~ 31			720										
BARTON SHEET TOTALS	SF 306.08	SF	EA ~~39~~ 37				EA ~~34~~ 32		EA 48	FT 720			EA	LB							

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARTON TRAFFIC SIGN SUMMARY 7

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 15 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1 - PLAINFIELD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.00 (2.42)	SQUARE STEEL (in) lb/ft 2.50 (3.35)	FOUNDATION	TUBULAR STEEL O/(in) lb/ft 3.00 (7.60)	TUBULAR STEEL O/(in) lb/ft 3.50 (9.00)	TUBULAR STEEL O/(in) lb/ft 4.00 (10.80)	TUBULAR STEEL O/(in) lb/ft 5.00 (14.60)	SIGN FRAME REQUIRED	REMARKS (SHS = STANDARD HIGHWAY SIGN BOOK)	SIGN DETAIL IN SHS	SIGN DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
SB	MM 0.000, LT	G	VD-024	72	10		Barre Town / Plainfield	5.00								2		X								INSTALL NEW SIGN ON 2 POSTS ACROSS FROM POLE *GMP/13/50/T2 1/2		7	
SB	MM 0.000, LT	F	R2-1	24	30		SPEED LIMIT 40	5.00								1		X								INSTALL NEW SIGN AND POST 5 FT SOUTH AND ACROSS FROM POLE *GMP/132/T2 1/2	X		
NB	MM 0.000, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST ADJACENT TO POLE *GMP/13/50/T2 1/2	X		
NB	MM 0.030, RT	A	W2-2L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 40 FT SOUTH OF POLE *GMPC/1	X		
		A	W16-8P	24	8		Flood Rd	1.33																		INSTALL NEW PLAQUE BELOW W2-2L SIGN ON THE SAME POST		7	
SB	MM 0.051, LT	F	R2-1	24	30		SPEED LIMIT 35	~~5.00~~					X		X	~~+~~		~~X~~								REPLACE EXISTING SIGN AND POST 70 FT NORTH AND ACROSS FROM POLE *GMPC/1	X		
SB	MM 0.068, LT	H	R1-1	30	30		STOP	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 37 FT SOUTH AND ACROSS FROM POLE *GMP/2	X		
NB	MM 0.075, RT	C	W1-7	48	24			8.00								2		X								INSTALL NEW SIGN ON 2 POSTS ADJACENT TO POLE *GMP/2	X		
NB	MM 0.090, RT	B	R1-1	30	30		STOP	6.25								1		X								INSTALL NEW SIGN AND POST 80 FT NORTH OF POLE* GMP/2	X		
SB	MM 0.090, ~~RT~~ LT	F	R1-1	30	30		STOP	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 80 FT NORTH AND ACROSS FROM POLE *GMP/2	X		
		F	W4-4bP	24	12		ONCOMING TRAFFIC DOES NOT STOP	2.00																		INSTALL NEW PLAQUE BELOW R1-1 SIGN ON THE SAME POST	X		
NB	MM 0.110, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 340 FT SOUTH OF POLE *GMP/4/76/NET	X		
SB	MM 0.160, LT	F	W3-1	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 65 FT SOUTH AND ACROSS FROM POLE *GMP/4/76/NET	X		
SB	MM 0.190, LT	F	W3-1	30	30		STOP AHEAD						X		X											REMOVE EXISTING SIGN AND POST			
NB	MM 0.550, RT	A	W2-2R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST ACROSS FROM POLE *83	X		
		A	W16-8P	30	8		Gonyeau Rd	1.67																		INSTALL NEW PLAQUE BELOW W2-2R SIGN ON THE SAME POST		7	
										EA	EA	EA	EA 6	EA	EA 6			FT 210						LB	LB	LB	LB					
							SHEET SUBTOTALS	SF ~~75.50~~ 70.50	SF				EA 6		EA 6	EA ~~14~~ 13		FT 210		EA				LB							

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PLAINFIELD TRAFFIC SIGN SUMMARY 1

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 16 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2 - PLAINFIELD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
SB	MM 0.570, LT	F	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 106 FT NORTH OF POLE #83	X		
SB	MM 0.600, LT	G	R1-1	30	30		STOP						X		X											REMOVE EXISTING SIGN AND POST			
SB	MM 0.600, LT	G	W1-7	48	24			8.00								2		X								INSTALL NEW SIGN ON 2 POSTS 265 FT NORTH OF POLE #83	X		
NB	MM 0.610, RT	D	R1-1	30	30		STOP	6.25								1		X								INSTALL NEW SIGN AND POST 320 FT NORTH AND ACROSS FROM POLE #83	X		
NB	MM 0.630, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 150 FT NORTH OF GONYEAU ROAD INTERSECTION	X		
SB	MM 0.640, LT	F	W2-2L	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 200 FT NORTH OF GONYEAU ROAD INTERSECTION	X		
		F	W16-8P	30	8		Gonyeau Rd	1.67																		INSTALL NEW PLAQUE BELOW W2-2L SIGN ON THE SAME POST		7	
SB	MM 1.050, LT TO MM 1.120, LT	F E		6	8		(14) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (14) BACK-TO-BACK 60 FT APART ON 7 POSTS		6	
SB	MM 1.460, LT TO MM 1.510, LT	F E		6	8		(10) TYPE II - 6" X 8" WHITE DELINEATORS																			INSTALL NEW DELINEATORS (10) BACK-TO-BACK 60 FT APART ON 5 POSTS		6	
NB	MM 2.280, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00								1		X								INSTALL NEW SIGN AND POST 210 FT SOUTH OF POLE *WE/56/L6/RI	X		
SB	MM 2.280, LT	F	R2-1	24	30		SPEED LIMIT 35	5.00								1		X								INSTALL NEW SIGN AND POST 210 FT SOUTH AND ACROSS FROM POLE *WE/56/L6/RI	X		
NB	MM 2.690, RT	A	W2-2R	30	30			6.25								2		X								INSTALL NEW SIGN ON 2 POSTS 250 FT SOUTH OF INTERSECTION OF CENTER SCHOOL ROAD	X		
		A	W16-8P	42	8		Center School Rd	2.33																		INSTALL NEW PLAQUE BELOW W2-2R SIGN ON THE SAME POSTS		7	
SB	MM 2.720, LT	F	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 100 FT SOUTH AND ACROSS FROM CENTER SCHOOL ROAD	X		
SB	MM 2.740, LT	G	W1-7	48	24			8.00								2		X								INSTALL NEW SIGN ON 2 POSTS ACROSS FROM CENTER SCHOOL ROAD	X		
										EA	EA	EA	EA 4	EA	EA 4		FT	FT 195	FT		LB	LB	LB	LB					
							SHEET SUBTOTALS	SF 63.75	SF	EA 4				EA 4		EA 13	FT 195			EA	LB								

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PLAINFIELD TRAFFIC SIGN SUMMARY 2

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 17 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3 - PLAINFIELD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	TUBULAR STEEL O/(in) FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
NB	MM 2.750, RT	D	RI-1	30	30		STOP	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST AT NORTH END OF CENTER SCHOOL ROAD	X		
NB	MM 2.765, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 135 FT NORTH OF CENTER SCHOOL ROAD	X		
NB	MM ~~2.850,~~ 2.950 RT	A	VW-054	30	30		HIDDEN DRIVE RIGHT						X		X											REMOVE EXISTING SIGN AND POST			
NB	MM 3.264, RT	A	W2-3R	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 75 FT NORTH AND ACROSS FROM POLE #GMP/2	X		
		A	W16-8P	24	8		Lower Rd	1.33																		INSTALL NEW PLAQUE BELOW W2-3R SIGN ON THE SAME POST		7	
SB	MM 3.310, LT	F	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 320 FT NORTH OF POLE #GMP/2	X		
							BARRE HILL ROAD																						
NB	MM 0.010, RT	A	R2-1	24	30		SPEED LIMIT 30	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 25 FT SOUTH AND ACROSS FROM POLE #GMP/21/14	X		
NB	MM 0.030, RT	A	W7-1	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 80 FT NORTH AND ACROSS FROM POLE #GMP/21/14	X		
SB	MM 0.050, RT	F	W2-3R	30	30			6.25								2		X								INSTALL NEW SIGN ON 2 POSTS 25 FT NORTH OF POLE #GMP/20/13/NET	X		
		F	W16-8aP	48	15		MIDDLE RD LOWER RD	5.00																		INSTALL NEW PLAQUE BELOW W2-3R SIGN ON THE SAME POSTS		7	
NB	MM 0.350, RT	A	R2-5A	24	30		REDUCED SPEED AHEAD						X		X											REMOVE EXISTING SIGN AND POST			
NB	MM 0.390, RT	A	W3-5	36	36		SPEED LIMIT 25	9.00								2		X								INSTALL NEW SIGN ON 2 POSTS 170 FT NORTH AND ACROSS FROM POLE #GMP/11/4/NET	X		
NB	MM 0.445, RT	A	R2-1	24	30		SPEED LIMIT 25	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 435 FT NORTH AND ACROSS FROM POLE #GMP/11/4/NET	X		
SB	MM 0.476, LT	F	R2-1	24	30		SPEED LIMIT 30	5.00								1		X								INSTALL NEW SIGN AND POST 100 FT SOUTH OF POLE #GMP/25K	X		
								EA	EA	EA	EA	EA	EA				FT	FT	FT		LB	LB	LB	LB					
													7		7			180											
							SHEET SUBTOTALS	SF 65.33	SF	EA 7				EA 7		EA 12	FT 180			EA	LB								

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PLAINFIELD TRAFFIC SIGN SUMMARY 3

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 18 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4 - PLAINFIELD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	TUBULAR STEEL O/(in) FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
							MILL STREET																					
SB	MM 0.010, LT	F	R2-1	24	30		SPEED LIMIT 30						X		X											REMOVE EXISTING SIGN AND POST			
SB	MM 0.050, LT	H	R1-1	30	30		STOP	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST AT SOUTHEAST CORNER OF RECREATION FIELD ROAD	X		
SB	MM 0.116, LT	F	R2-1	24	30		SPEED LIMIT 25	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 230 FT SOUTH OF MAIN STREET INTERSECTION	X		
NB	MM 0.150, RT	A	R1-1	30	30		STOP	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST AT NORTHEAST END OF MILL STREET AND MAIN STREET INTERSECTION	X		
							FLOOD ROAD																					
NB	MM 0.015, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 80 FT WEST OF MIDDLE ROAD INTERSECTION	X		
SB	MM 0.060, LT	F	W3-1	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 300 FT SOUTHWEST OF MIDDLE ROAD INTERSECTION	X		
							GONYEAU ROAD																					
NB	MM 0.015, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00								1		X								INSTALL NEW SIGN AND POST 75 FT EAST OF MIDDLE ROAD INTERSECTION	X		
SB	MM 0.090, LT	F	W3-1	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 480 FT EAST OF MIDDLE ROAD INTERSECTION	X		
							CENTER SCHOOL ROAD																					
NB	MM 0.015, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00					X		X	1		X								REPLACE EXISTING SIGN AND POST 75 FT SOUTHEAST OF MIDDLE ROAD INTERSECTION	X		
SB	MM 0.090, LT	F	W3-1	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 400 FT NORTHEAST OF MIDDLE ROAD INTERSECTION	X		
							BROOK ROAD																					
SB	MM 0.010, LT	F	R1-1	30	30		STOP	6.25					X		X	1		X								REPLACE EXISTING SIGN AND POST 50 FT NORTHEAST OF MIDDLE ROAD INTERSECTION	X		
										EA	EA	EA	EA 7	EA	EA 7			FT 150					LB	LB	LB	LB				
							SHEET SUBTOTALS	SF 57.50	SF	EA 7				EA 7		EA 10		FT 150		EA	LB								

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PLAINFIELD TRAFFIC SIGN SUMMARY 4

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 19 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5 – PLAINFIELD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
							SUBTOTAL TSS SHEET 16	~~75.50~~ 70.50					6		6	~~14~~ 13		210										
							SUBTOTAL TSS SHEET 17	63.75					4		4	13		195										
							SUBTOTAL TSS SHEET 18	65.33					7		7	12		180										
							SUBTOTAL TSS SHEET 19	57.50					7		7	10		150										

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

	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60
						EA 24		EA 24			FT 735						
PLAINFIELD SHEET TOTALS	SF ~~262.08~~ 257.08	SF	EA 24				EA 24		EA ~~49~~ 48	FT 735			EA	LB			

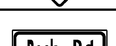
PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PLAINFIELD TRAFFIC SIGN SUMMARY 5

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 20 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1 - WALDEN

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
							NOYESTAR ROAD																					
NB	MM 0.120, RT	A	WI-2MbR	36	36			9.00								2		X								INSTALL NEW SIGN ON 2 POSTS ACROSS FROM POLE #WE/L33/LR		8	
		A	W16-8P	42	8			2.33																			INSTALL NEW PLAQUE BELOW WI-2MbR SIGN ON THE SAME POSTS		8	
SB	MM 0.209, LT	G	WI-7	48	24			8.00								2		X									INSTALL NEW SIGN ON 2 POSTS 50 FT NORTH OF POLE #WE/45/L37	X		
NB	MM 0.256 RT TO MM 0.330 RT	A B		6	8		(14) TYPE II - 6" X 8" WHITE DELINEATORS																				INSTALL NEW DELINEATORS (14) BACK-TO-BACK 60 FT APART ON 7 POSTS, INSTALL FIRST ACROSS FROM POLE #38		6	
NB	MM 0.456 RT TO MM 0.520 RT	A B		6	8		(10) TYPE II - 6" X 8" WHITE DELINEATORS																				INSTALL NEW DELINEATORS (10) BACK-TO-BACK 60 FT APART ON 5 POSTS, INSTALL FIRST 185 FT SOUTH OF DRIVE WAY AND/OR 612 FT SOUTH OF POLE #3/1375		6	
NB	MM 0.803, RT	A	OM3-R	12	36			3.00								1		X									INSTALL NEW SIGN AND POST AT SOUTHEAST END OF BRIDGE CORNER	X		
SB	MM 0.803, LT	E	OM3-L	12	36			3.00								1		X									INSTALL NEW SIGN AND POST AT SOUTHWEST END OF BRIDGE CORNER	X		
NB	MM 0.823, RT	B	OM3-L	12	36			3.00								1		X									INSTALL NEW SIGN AND POST AT NORTHEAST END OF BRIDGE CORNER	X		
SB	MM 0.823, RT	F	OM3-R	12	36			3.00								1		X									INSTALL NEW SIGN AND POST AT NORTHWEST END OF BRIDGE CORNER	X		
NB	MM 0.935, LT	A	WI-2MbR	36	36			9.00								2		X									INSTALL NEW SIGN ON 2 POSTS 65 FT NORTH AND ACROSS FROM COLE ROAD		8	
		A	W16-8P	24	8			1.33																			INSTALL NEW PLAQUE BELOW WI-2MbR SIGN ON THE SAME POSTS		8	
SB	MM 1.020, LT	F	WI-2L	30	30			6.25								1		X									INSTALL NEW SIGN AND POST 25 FT SOUTH OF POLE #3/141/1039	X		
NB	MM 1.033, RT	D	RI-1	30	30			6.25					X		X	1		X									REPLACE EXISTING SIGN AND POST	X		

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

	SF	SF	EA	EA	EA	EA	EA	EA	EA	FT	FT	FT	EA	LB	LB	LB	LB
SHEET SUBTOTALS	54.16					1		1	12		180						

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
WALDEN TRAFFIC SIGN SUMMARY 1

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 21 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2 - WALDEN

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS (SHS = STANDARD HIGHWAY SIGN BOOK)	SIGN DETAIL: DETAIL IN SHS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STANDARD SHEET NUMBER
							CAHOON FARM ROAD																						
WB	MM 0.010, LT	F	RI-1	30	30		STOP	6.25					X		X	1		X								INSTALL NEW SIGN AND POST	X		
EB	MM 0.020, RT	A	SI-1	36	36	F-Y-G		9.00					X		X	2		X								INSTALL NEW SIGN ON 2 POSTS	X		
		A	S4-3P	36	12	F-Y-G	SCHOOL	3.00																		INSTALL NEW PLAQUE BELOW SI-1 SIGN ON THE SAME POSTS	X		
EB	MM 0.0490, RT	A	TOWN SIGN	18	18		SLOW SCHOOL ZONE						X		X											REMOVE EXISTING SIGN AND POST			
		A	R2-1	18	24		SPEED LIMIT 25						X													REMOVE EXISTING SIGN			
EB	MM 0.0490, RT	A	R2-1	24	30		SPEED LIMIT 25	5.00								1		X								INSTALL NEW SIGN AND POST 30 FT WEST AND ACROSS FROM POLE *WE/L37/RI	X		
WB	MM 0.0490, LT	F	R2-1	24	30		SPEED LIMIT 35	5.00								1		X								INSTALL NEW SIGN AND POST 30 FT +/- WEST OF POLE *ER/L37/RI	X		
WB	MM 0.0780, LT	F	W3-1	30	30			6.25								1		X								INSTALL NEW SIGN AND POST 30 FT EAST AND ACROSS FROM CEMETERY DRIVE	X		
WB	MM 0.200, LT	F	SI-1	30	30								X		X											REMOVE EXISTING SIGN AND POST			
EB	MM 0.212, RT	A	R2-1	24	30		SPEED LIMIT 35	5.00								1		X								INSTALL NEW SIGN AND POST 20 FT WEST AND ACROSS FROM POLE *WE/L37/R4	X		
WB	MM 0.200 ~~0.212~~, LT	F	R2-1	18	24		SPEED LIMIT 25						X		X											REMOVE EXISTING SIGN AND POST			
WB	MM 0.212, LT	F	R2-1	24	30		SPEED LIMIT 25	5.00								1		X								INSTALL NEW SIGN AND POST 20 FT WEST OF POLE *WE/L37/4	X		
WB	MM 0.218, LT	F		18	18		SLOW SCHOOL ZONE → ◇						X		X											REMOVE EXISTING SIGN AND POST			
WB	MM 0.250, LT	F	SI-1	36	36	F-Y-G		9.00								2		X								INSTALL NEW SIGN ON 2 POSTS 45 FT EAST AND ACROSS FROM POLE *WE/L-37/R5	X		
		F	S4-3P	36	12	F-Y-G	SCHOOL	3.00																		INSTALL NEW PLAQUE BELOW SI-1 SIGN ON THE SAME POSTS	X		
										EA	EA	EA	EA ~~5~~ 7	EA	EA ~~4~~ 6			FT 150										
							SHEET SUBTOTALS	SF 56.50	SF				EA ~~5~~ 7		EA ~~4~~ 6	EA 10		FT 150		EA		LB							

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: dl0k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
WALDEN TRAFFIC SIGN SUMMARY 2

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 22 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3 - WALDEN

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	TUBULAR STEEL O/(in) FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
							SUBTOTAL TSS SHEET 21	54.16					1		1	12		180										
							SUBTOTAL TSS SHEET 22	56.50					~~5~~ 7		~~4~~ 6	10		150										
							NOYESTAR ROAD																					
NB	0.00						NOYESTAR ROAD					STOP	X															
NB	0.00						SCHOOL ↑					35 MPH	X															
NB	0.00						LIBRARY ↑					35 MPH	X															
NB	0.00						STOP					X	X			1		14										
NB	0.03						SPEED LIMIT 35MPH					X	X			1		15										
NB	0.03						LOAD LIMIT XXXX					35 MPH	X															
										EA	EA	EA	EA	EA	EA		FT	FT	FT		LB	LB	LB	LB				
												6	~~6~~ 14		~~5~~ 7			~~330~~ 359										
							WALDEN SHEET TOTALS	SF 110.66	SF	EA ~~20~~ 6				EA ~~7~~ 5		EA ~~24~~ 22	FT ~~359~~ 330		EA	LB								

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PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
WALDEN TRAFFIC SIGN SUMMARY 3

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 23 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET - TOWN TOTALS

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS WIDTH	SIGN DIMENSIONS HEIGHT	SHEETING REMARKS	SIGN LEGEND	NEW SIGNS "A"	NEW SIGNS "B"	EXISTING SIGNS RETAIN	EXISTING SIGNS SALVAGE FROM	EXISTING SIGNS SALVAGE TO	EXISTING SIGNS REMOVE	EXISTING POST RETAIN	EXISTING POST REMOVE	NO. OF NEW POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.00 lb/ft 2.42	SQUARE STEEL (in) 2.50 lb/ft 3.35	FOUNDATION	TUBULAR STEEL O/(in) 3.00 lb/ft 7.60	TUBULAR STEEL O/(in) 3.50 lb/ft 9.00	TUBULAR STEEL O/(in) 4.00 lb/ft 10.80	TUBULAR STEEL O/(in) 5.00 lb/ft 14.60	SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STANDARD SHEET NUMBER
							BARTON TOTAL TSS SHEETS	306.08					~~38~~		~~33~~	48		720										
							PLAINFIELD TOTAL TSS SHEETS	~~262.08~~ 257.08		1			24	1	24	~~49~~ 48		735									
							WALDEN TOTAL TSS SHEETS	110.66					~~6~~ 20		~~5~~ 7	~~22~~ 24		~~330~~ 359									
							EXISTING SIGN ON NEW POST																					
NB	0.790						MM 0.790						1			1		12									
NB	1.460						MM 1.460				HIDDEN DRIVES POST		1														
SB	1.590						MM 1.590						1			1		12									
SB	2.240						MM 2.240				CURVE AHEAD		1														
WB	0.010						CAHOON FARM RD						1			1		12									
WB	0.010						WALDEN SCHOOL						1														
WB	0.010						LIBRARY						1														
SB	0.000						MIDDLE RD						1			1		12									
SB	0.600						GONYEAU RD						1			1		12									
SB	0.600						MIDDLE RD						1														
NB	2.750						CENTER SCHOOL RD						1			1		12									
NB	0.100						BARRE HILL RD						1			1		12									
NB	0.500						REC FIELD RD						1			1		12									
										EA	EA	EA	EA	EA	EA		FT	FT	FT		LB	LB	LB	LB				
										1			~~68~~ 94	1	~~62~~ 63			~~1785~~ 1910										
							PROJECT GRAND TOTALS	SF ~~678.82~~ 673.82	SF	EA ~~69~~ 95				EA ~~63~~ 64		EA ~~119~~ 128	FT ~~1785~~ 1910			EA	LB							

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

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

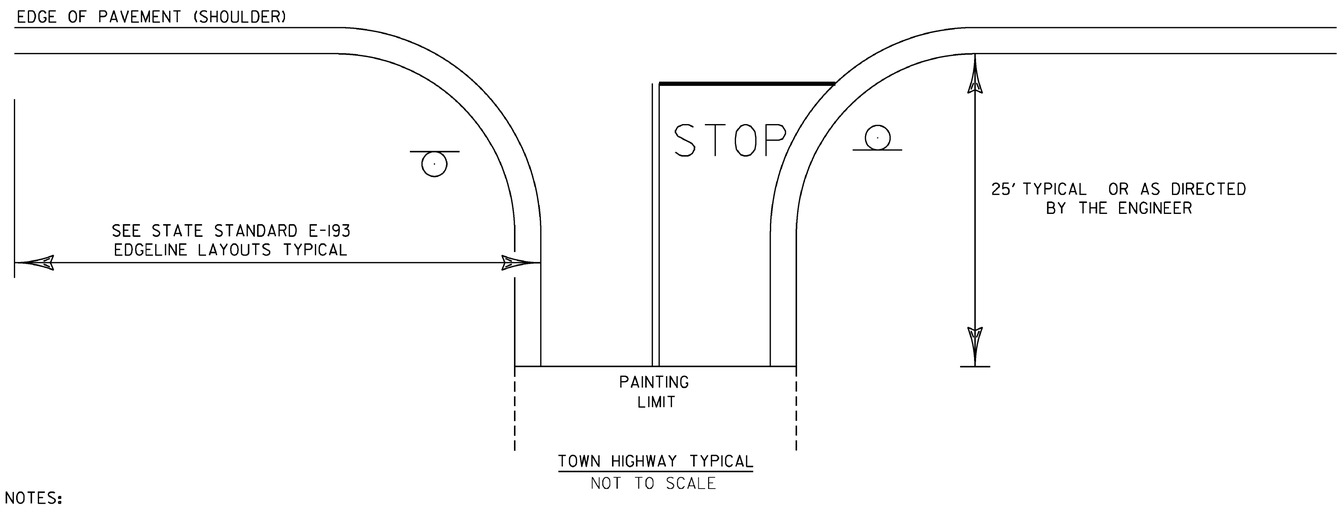
FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
TOWN TOTAL TRAFFIC SIGN SUMMARY

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 24 OF 28

TOWN/STATE HIGHWAY INVENTORY FOR PAVEMENT MARKINGS

• NOTE ALL LOCATIONS ARE MEASURED FROM THE CENTER OF THE INTERSECTING ROADWAYS FOR THAT INTERSECTION AND ARE APPROXIMATE. FIELD VERIFY BEFORE INSTALLING OR AS DIRECTED BY THE ENGINEER.

TOWN/STATE HIGHWAY NAME	LOCATION MM	EXISTING PAVED/ GRAVEL	MAINLINE CENTERLINE BREAK	MAINLINE EDGE LINE BREAK	4" YELLOW CENTERLINE	4" WHITE EDGE LINE	8" WHITE LINE	STOP BAR	STOP SIGN	STOP LETTERS	YIELD SIGN	YIELD SYMBOLS	YIELD AHEAD LETTERS	STOP AHEAD LETTERS	STOP AHEAD SIGN	MAINLINE CROSSWALK	TH CROSSWALK	GRINDING	REMARKS
BARTON - WILLOUGHBY LAKE ROAD																			INSTALL OVER ENTIRE SEGMENT ON BOTH SIDES OF THE ROADWAY
WILLOUGHBY LAKE RD	ALL	PAVED				MM 0.00 TO 6.31													
COOK RD	2.938 RT	PAVED APRON	YES					STA 0+18 LT	YES	STA 0+27 LT									
SPILLER RD	3.762 LT	PAVED APRON	YES					STA 0+18 LT	YES	STA 0+27 LT									
PLAINFIELD - MILL STREET																			
BROOK RD	0.000 RT	PAVED	YES	YES	STA. 0+18 TO 0+43 CL			STA 0+18 LT	YES	STA 0+27 LT									
RECREATION FIELD RD	0.052 LT	PAVED	YES	YES				STA 0+18 LT	YES	STA 0+27 LT									
~~MAIN~~ STREET	0.154 CL	PAVED	YES	YES	MM 0.151 TO 0.123 CL			MM 0.151 RT	YES	MM 0.149 RT									
MILL																			



TOWN HIGHWAY TYPICAL
NOT TO SCALE

NOTES:
1.) SEE STD E-121FOR THE PLACEMENT OF STOP AND LEGAL LOAD LIMIT SIGNS.
2.) SEE STD E-193 FOR THE PLACEMENT OF CENTERLINE, EDGELINE, STOP BARS, AND STOP LETTERS.

PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(8)
FILE NAME: d10k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: ITS
DESIGNED BY: NLA	CHECKED BY: JLS
TOWN HIGHWAY PAVEMENT MARKINGS	SHEET 25 OF 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET

CO# 01

BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	~~402.13~~ NEW ~~AGGREGATE SHOULDERS~~ GUARDRAIL INSTALLED	621.20 STEEL BEAM GUARDRAIL GALVANIZED W/ 6' POSTS	621.60 ANCHOR FOR STEEL BEAM RAIL	621.80 REMOVAL AND DISPOSAL OF GUARDRAIL	651.15 SEED	651.18 FERTILIZER	651.20 AGRECULRUAL LIMESTONE	651.25 HAY MULCH	651.35 TOPSOIL	653.20 TEMPORARY EROSION MATTING	900.620 SPECIAL PROVISION (DELINEATOR WITH STEEL POST)	676.12 REMOVAL OF EXISTING DELINEATOR	678.17 FLASHING BEACON, AERIAL MOUNTED	621.205 STEEL BEAM GUARDRAIL GALVANIZED W/8' POSTS	REMARKS
			CY	~~TON~~	LF	EACH	LF	LB	LB	TON	TON	CY	SY	EACH	EACH	EACH		
BARTON																		CO #01
MM 0.920	MM 1.060	LT					612.00							8				BRIDGEPOSTS (621.20 MODIFIED 2 POSTS OR 525.41 MODIFIED 8' OF GR) 2 EA
MM 1.420	MM 1.520	RT	50	612.00	← 525.00	~~2~~ 4	~~525.00~~	5	5	0.10	0.25	2.5	50					SIDE RD LOCATED IN MIDDLE OF GUARDRAIL RUN (DOYLE LN)
MM 2.050	MM 2.066	LT	50	71.00	← 87.50	2	~~87.50~~ 36.00	5	5	0.10	0.25	2.5	50				900.540	FIRST SECTION MM 1.420 AND GO UP THEN WRAP DOWN
MM 2.350	MM 2.480	RT	50	64.50	← 687.50	2	687.50	5	5	0.10	0.25	2.5	50				652.50	90' OF DOYLE LANE. (312' TOTAL) SECOND SECTION
MM 2.630	MM 2.730	RT												7				BEGINNING WITH 30' ON DOYLE LANE AND WRAP AROUND
MM 2.840	MM 2.900	RT												4				UP TO MM 1.520 ON RTE 16 (300') ~~W/6' POSTS~~
MM 2.980	MM 3.040	RT												4				LOWER SECTION INSTALLED 380'
MM 3.040	MM 3.070	RT	50	192.00	← 162.50	2	162.50	5	5	0.10	0.25	2.5	50				-	UPPER SECTION INSTALLED 394'
MM 3.050	MM 3.066	LT	50	105.00	← 87.50	2	87.50	5	5	0.10	0.25	2.5	50				-	
MM 3.487	MM 3.492	LT	50	54.00	← 25.00	2	25.00	5	5	0.10	0.25	2.5	50				25.00	
MM 3.480	MM 3.497	RT	50	-	← 87.50	2	87.50	5	5	0.10	0.25	2.5	50				104.00	
MM 4.470	MM 4.481	RT												4				
MM 4.470	MM 4.481	LT												4				
MM 4.900	MM 4.980	LT												5				
MM 5.230	MM 5.280	RT					CABLE RAIL W/ POST ORIGINALLY ONLY POSTS LEFT AT TIME OF REMOVAL							3				
PLAINFIELD																		
MM 0.255	MM 0.260	RT	50	254.00	← 187.50	2	187.50	5	5	0.10	0.25	2.5	50					
MM 1.050	MM 1.120	LT												7				
MM 1.460	MM 1.510	LT												5				
MM 1.963	MM 1.977	~~RT~~ LT	50	71.75	← 75.00	2		5	5	0.10	0.25	2.5	50				37.50	
MM 1.963	MM 1.977	RT	50	79.00	← 75.00	2		5	5	0.10	0.25	2.5	50				31.25	
WALDEN																		
MM 0.256	MM 0.330	RT												7				
MM 0.456	MM 0.520	RT												5				
BARTON																		
TOTAL			500		2000.00	20	1850.00	50	50	1.00	2.50	25.0	500	58 ~~59~~				

ITEM DETAIL SUMMARY SHEET

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(8)

FILE NAME: d10k316_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
ITEM DETAIL SUMMARY SHEET

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 26 OF 28

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

Arrow board	Shadow vehicle
Arrow board support or trailer (shown facing down)	Sign (shown facing left)
Changeable message sign or support trailer	Surveyor
Channelizing device	Temporary barrier
Crash cushion	Temporary barrier with warning light
Direction of temporary traffic detour	Traffic or pedestrian signal
Direction of traffic	Truck-mounted attenuator
Flagger	Type 3 barricade
High-level warning device (Flag tree)	Warning light
Longitudinal channelizing device	Work space
Luminaire	Work vehicle
Pavement markings that should be removed for a long-term project	

Figure 6E-3. Use of Hand-Signaling Devices by Flaggers

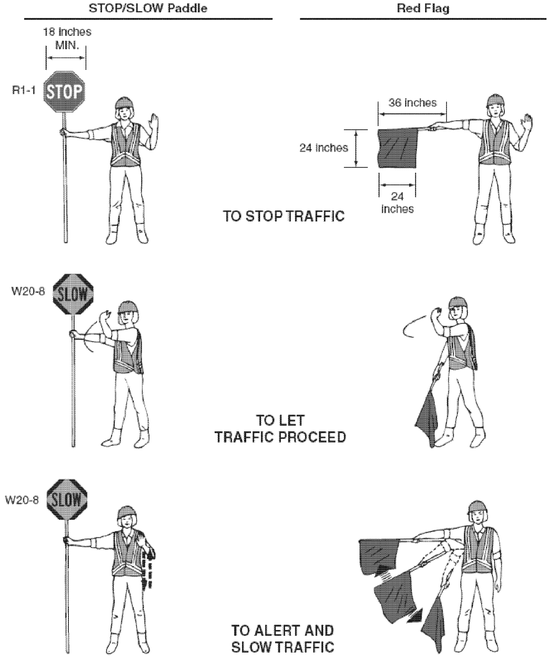


Figure 6F-1. Height and Lateral Location of Signs—Typical Installations

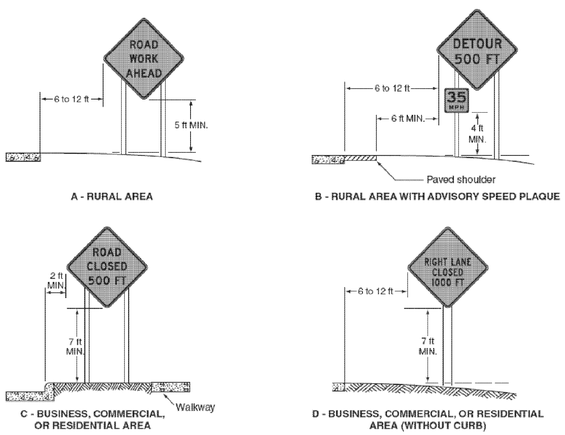
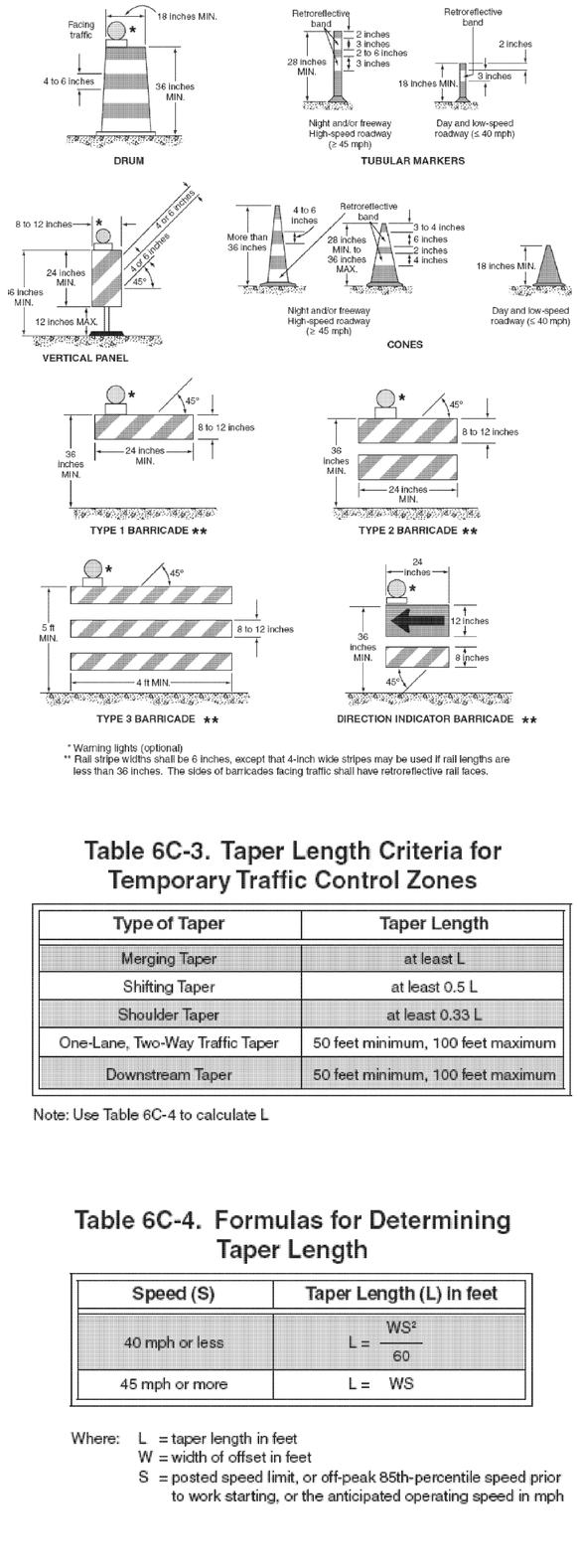


Figure 6F-7. Channelizing Devices



* Warning lights (optional)
** Rail stripe widths shall be 6 inches, except that 4-inch wide stripes may be used if rail lengths are less than 36 inches. The sides of barricades facing traffic shall have retroreflective rail faces.

Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length
Merging Taper	at least L
Shifting Taper	at least 0.5 L
Shoulder Taper	at least 0.33 L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream Taper	50 feet minimum, 100 feet maximum

Note: Use Table 6C-4 to calculate L

Table 6C-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Figure 6C-2. Types of Tapers and Buffer Spaces

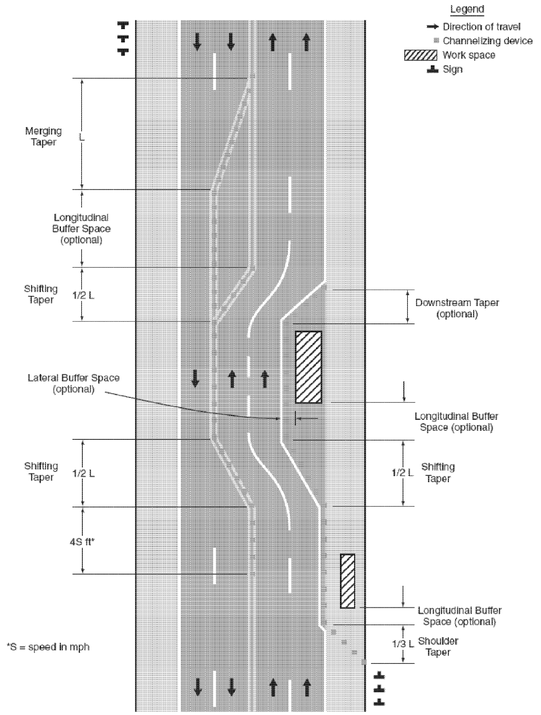


Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

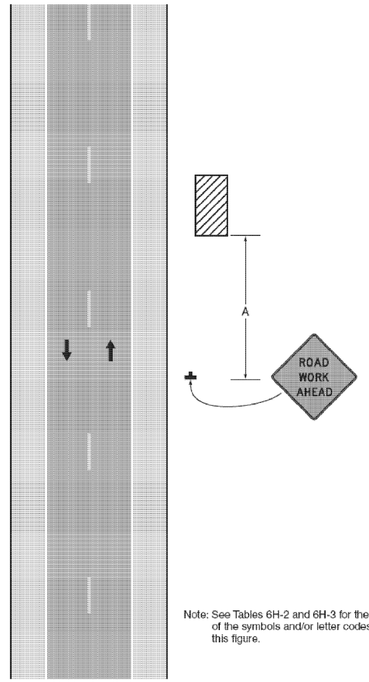
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6C-2. Stopping Sight Distance as a Function of Speed

Speed*	Distance
20 mph	115 feet
25 mph	155 feet
30 mph	200 feet
35 mph	250 feet
40 mph	305 feet
45 mph	360 feet
50 mph	425 feet
55 mph	495 feet
60 mph	570 feet
65 mph	645 feet
70 mph	730 feet
75 mph	820 feet

* Posted speed, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed

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.

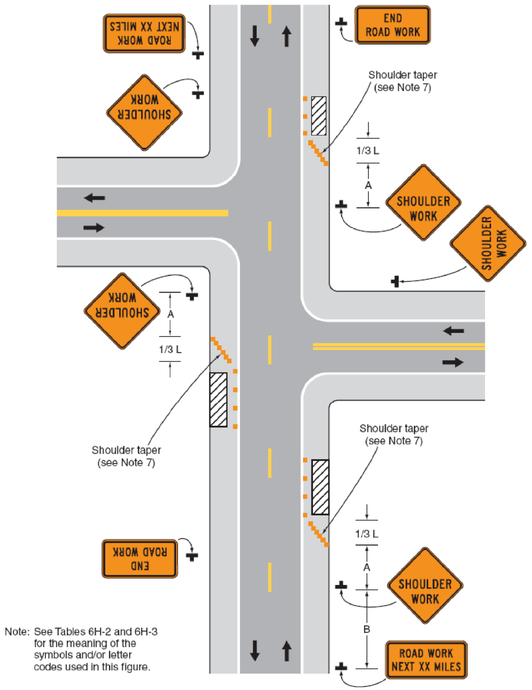
Typical Application 1

TEMPORARY TRAFFIC CONTROL NOTES

1. 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 2009, AND ITS LATEST REVISIONS, OR AS DIRECTED BY THE RESIDENT ENGINEER. WHERE CONFLICTS EXIST, THE MUTCD SHALL GOVERN. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THE TEMPORARY TRAFFIC CONTROL PROVIDED, HE/SHE MAY SUBMIT AN ALTERNATE PROPOSAL AS STATED IN SUBSECTION 641.02 GENERAL CONSTRUCTION REQUIREMENTS OF THE 2006 STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL 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 OCCURS.
4. SIGNS SHALL ONLY BE VISIBLE TO THE MOTORIST WHEN THE MESSAGE IS PERTINENT, I.E. A "FLAGGER AHEAD" SIGN SHALL ONLY BE VISIBLE TO THE MOTORIST WHEN THE FLAGGER IS ACTUALLY PRESENT PERFORMING THEIR DUTIES.
5. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER CONTRACT ITEM 641.10.

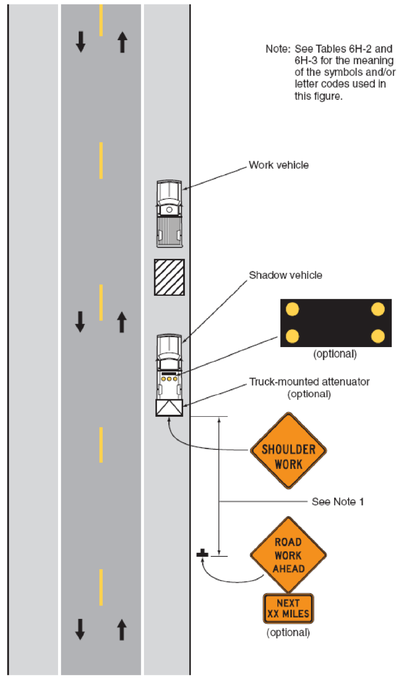
PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(8)
FILE NAME: dl0k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: ITS
DESIGNED BY: NLA	CHECKED BY: JLS
TRAFFIC CONTROL SHEET 1	SHEET 27 OF 28

Figure 6H-3. Work on the Shoulders (TA-3)



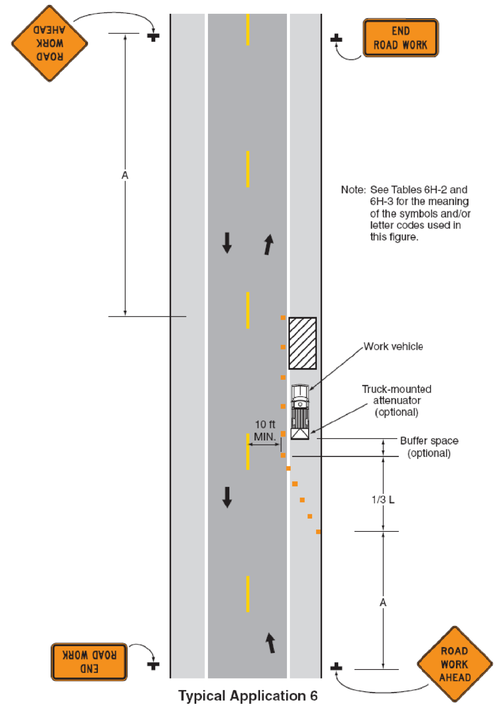
Typical Application 3

Figure 6H-4. Short-Duration or Mobile Operation on a Shoulder (TA-4)



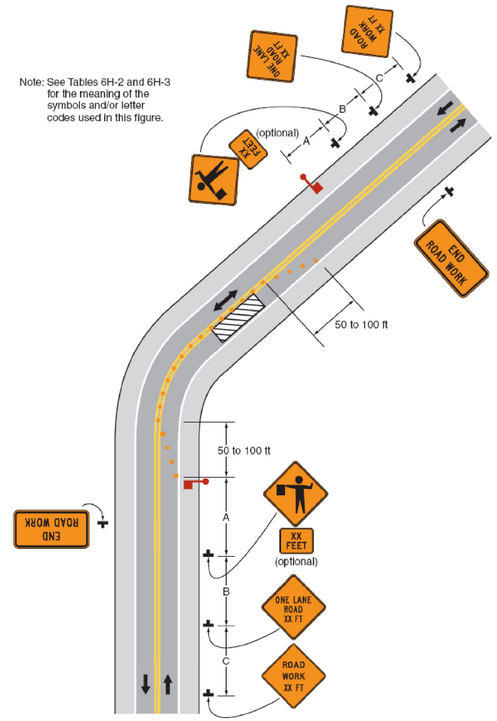
Typical Application 4

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



Typical Application 6

Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)



Typical Application 10

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(9)
FILE NAME: d10k316_wrk.dgn	PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS	DRAWN BY: ITS
DESIGNED BY: NLA	CHECKED BY: JLS
TRAFFIC CONTROL SHEET 2	SHEET 28 OF 28