

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

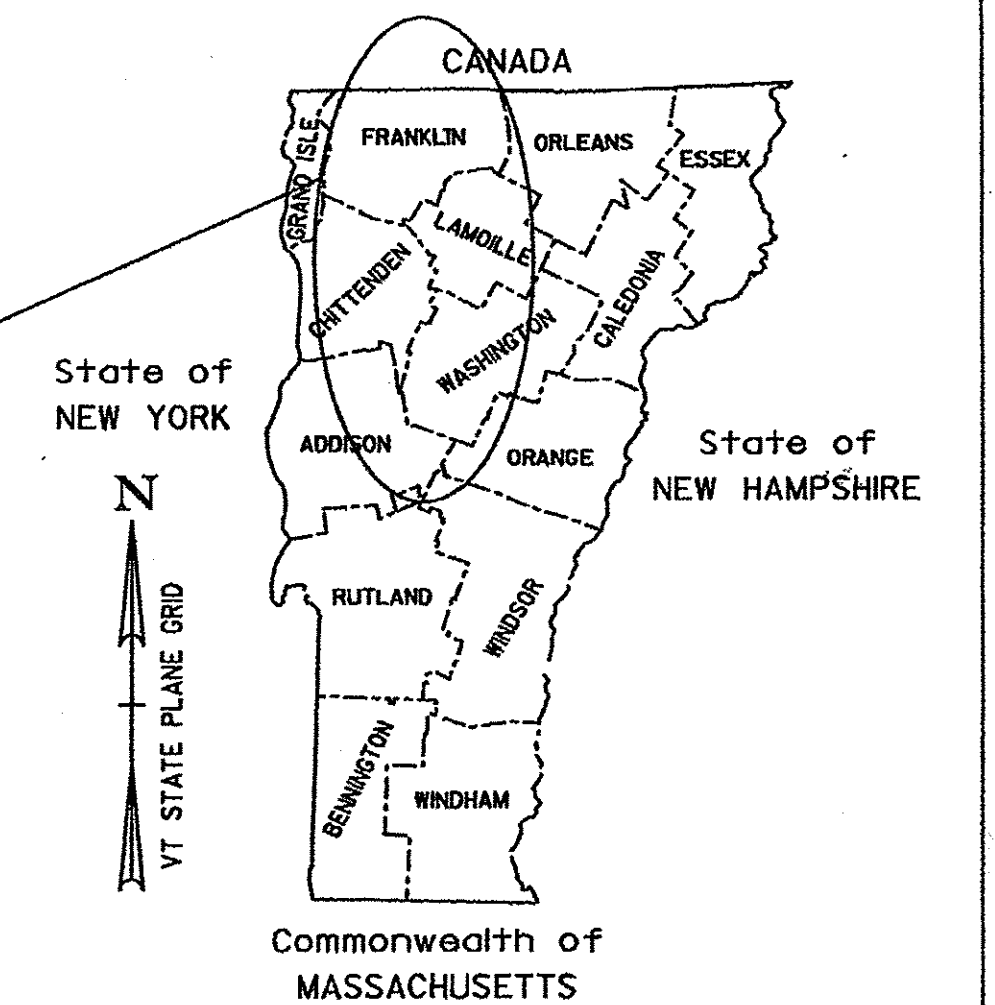
STATEWIDE NORTHWEST REGION STP HRRR(17)

TOWNS OF BRISTOL, GEORGIA, MILTON, MORETOWN,
RICHMOND, ST ALBANS, STOWE, SWANTON, AND WESTFORD
COUNTIES OF ADDISON, FRANKLIN, CHITTENDEN, AND LAMOILLE

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, SIGNAL EQUIPMENT AND GUARDRAIL; PAVEMENT MARKINGS (CENTERLINE, EDGELINE, SYMBOLS AND LETTERS); AND OTHER HIGHWAY RELATED ITEMS FOR THE DESCRIBED WORK.

PROJECT LOCATIONS:	TH	MM	0.000 - 1.887	BRISTOL (BURPEE ROAD)
	TH - 4	MM	0.000 - 0.482	BRISTOL (MONKTON ROAD)
	TH - 7	MM	0.000 - 0.413	BRISTOL (RIVER ROAD)
	TH - 6	MM	0.000 - 2.874	GEORGIA (BALLARD ROAD)
	TH - 52	MM	0.000 - 1.298	MILTON (ROLLIN IRISH ROAD)
	TH - 52	MM	0.000 - 0.058	MILTON (DUFFY ROAD)
	TH - 1	MM	0.000 - 6.260	MORETOWN (MORETOWN MOUNTAIN ROAD)
	TH - 30	MM	0.000 - 3.100	RICHMOND (WES WHITE HILL ROAD)
	TH - 1	MM	1.480 - 1.559	ST. ALBANS (US ROUTE 7)
	TH - 23	MM	0.000 - 4.142	STOWE (WEEKS HILL ROAD)
	TH - 7	MM	0.000 - 0.273	SWANTON (COUNTY ROAD)
	TH - 2	MM	0.000 - 0.185	SWANTON (BEEBE ROAD)
	TH - 31	MM	0.000 - 1.690	WESTFORD (ROLLIN IRISH ROAD)

PROJECT LOCATIONS
SEE SHEETS 8-12
FOR SITE MAPS



RECORD PLANS	
CONTRACTOR:	F. R. LAFAYETTE, INC. - ESSEX JUNCTION, VT
RESIDENT ENGINEER:	DAVID HOSKING
CONSTRUCTION BEGAN:	MAY 12, 2014
CONSTRUCTION COMPLETE:	OCTOBER 17, 2014
RECORD PLANS BY:	DAVID HOSKING & JENNA HYDE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY <u>David Hosking</u>	RESIDENT ENGINEER
DATE <u>12/21/15</u>	
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.	

PROJECT LENGTHS:	MILES	FEET
	1.887 MILES	(9963.36 FT)
	0.482 MILES	(2544.96 FT)
	0.413 MILES	(2180.64 FT)
	2.874 MILES	(15174.72 FT)
	1.298 MILES	(6858.44 FT)
	0.058 MILES	(306.24 FT)
	6.260 MILES	(33052.80 FT)
	3.100 MILES	(16368.00 FT)
	0.079 MILES	(417.12 FT)
	4.142 MILES	(21869.76 FT)
	0.273 MILES	(1441.44 FT)
	0.185 MILES	(976.80 FT)
	1.690 MILES	(8923.20 FT)
TOTAL LENGTH:	22.741 MILES	(120072.50 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 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <u>Richard J. Johnson</u>	DATE <u>1/22/14</u>
PROJECT MANAGER : PATRICIA COBURN, P.E.	
PROJECT NAME : STATEWIDE - NORTHWEST REGION	
PROJECT NUMBER : STP HRRR(17)	
SHEET 1 OF 73 SHEETS	

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STANDARDS

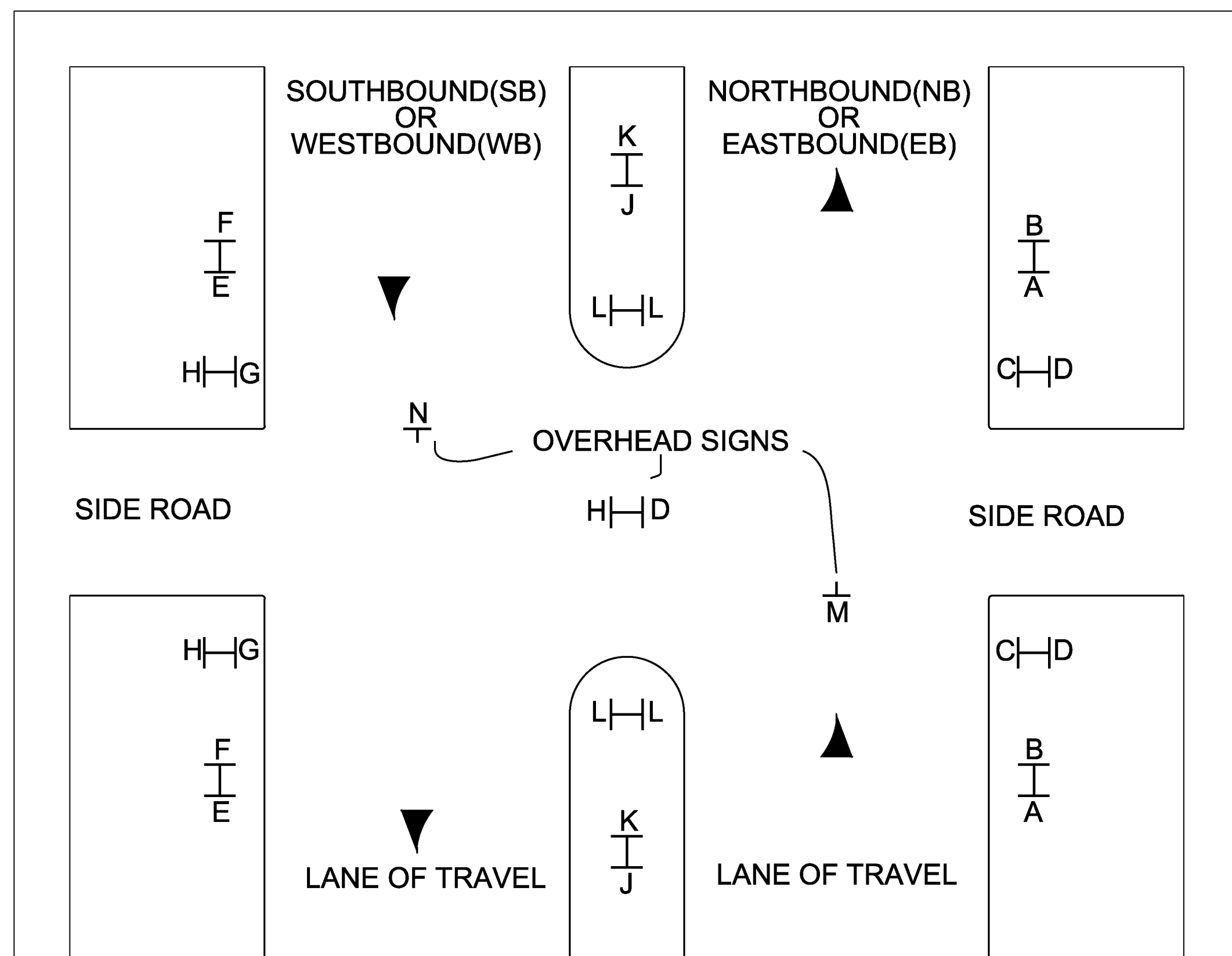
E-121	STANDARD SIGN PLACEMENT- CONVENTIONAL ROAD	08/08/1995
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E-138	MILEMARKER DETAILS - STATE AND TOWN HIGHWAYS	05/30/2003
E-145A	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12/23/1994
E-154	WARNING SIGN DETAILS	05/01/2004
E-191	PAVEMENT MARKING 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
S-367A	BRIDGE RAILING, GALVANIZED HDSB/ FASCIA MOUNTED/ STEEL TUBING	05/24/2012
S-367B	GUARDRAIL APPROACH SECTION, GALVANIZED HD STEEL BEAM	05/24/2012
T-1	TRAFFIC CONTROL GENERAL NOTES	08/06/2012
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GENERAL NOTES

- THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SIGN CODES PROVIDED IN THESE PLANS SHALL REFER TO THE 2009 MUTCD. DESIGN DETAILS FOR SIGNS INDICATED ON THE PLANS, AS FOUND IN THE STANDARD HIGHWAY SIGNS AND MARKING BOOK (SHSM), SHALL BE PER THE 2004 SHSM AND THE 2012 SUPPLEMENT TO THE 2004 EDITION, AND APPLICABLE VTRANS E-SERIES AND T-SERIES STANDARDS OR AS DIRECTED BY THE ENGINEER.
- 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.
- WITHIN THE TRAFFIC SIGN SUMMARY SHEETS (FY) - FLUORESCENT YELLOW SHEETING (ASTM D 4956 TYPE VII, VIII, OR IX) AND (FYG) - FLUORESCENT YELLOW-GREEN SHEETING (ASTM D4956 TYPE VII, VIII, OR IX). REFER TO SUBSECTION 750.08 RETROREFLECTIVE SHEETING.
- SHEETING TYPES AND SHEETING FABRICATED BY DIFFERENT MANUFACTURERS SHALL NOT BE MIXED ON A SINGLE SIGN ASSEMBLY. SHEETING COLOR/TYPE SHOULD BE BY THE SAME MANUFACTURER AND SHOULD BE CONSISTENT THROUGHOUT THE PROJECT.
- SIGN BASE MATERIAL FOR ALL STREET NAME SIGNS SHALL BE EITHER 0.125 INCH THICK FLAT SHEET ALUMINUM OR EXTRUDED ALUMINUM WITH A 0.250 THICK FLANGE AND 0.090 INCH MINIMUM WEB THICKNESS.
- UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIAL SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIGN SIZES			
9" X 12"			
12" X 12"			
18" X 18"			
21" X 15"			
24" X 8"			
24" X 10"			ALL STREET NAME SIGNS
24" X 12"		48" X 8"	
24" X 18"	36" X 12"	48" X 18"	
24" X 24"	36" X 15"	48" X 24"	
24" X 30"	36" X 18"	48" X 30"	
30" X 8"	36" X 24"	48" X 42"	
30" X 15"	30" X 42"	48" X 48"	
30" X 18"	36" X 36"	48" X 60"	
30" X 30"	36" X 48"	72" X 10"	
30" X 42"	36" X 54"	72" X 12"	
36" X 8"	42" X 8"	72" X 20"	
THICKNESS	0.080"	0.100"	0.125"

- ALL SQUARE STEEL SIGN POSTS SHALL BE INSTALLED IN A NEW ANCHOR. ALL SIGNS INSTALLED IN PAVED OR CONCRETE ISLANDS OR SIDEWALKS SHALL ALSO BE INSTALLED WITH AN 18" SLEEVE. PAYMENT FOR THE SLEEVE SHALL BE INCIDENTAL TO CONTRACT ITEM 675.341 SQUARE TUBE STEEL SIGN POST AND ANCHOR.
- 1.75" SQUARE STEEL POSTS SHALL BE 14 GAGE STEEL. 2.0" AND 2.5" SQUARE STEEL POSTS SHALL BE 12 GAGE STEEL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REPLACED UNLESS OTHERWISE NOTED ON THE PLANS 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.
- SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH STATE STANDARD DRAWING E-121 SIGN PLACEMENT CONVENTIONAL ROAD, UNLESS OTHERWISE NOTED.
- 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.
- ALL SIGNS, FRAMES, MOUNTING HARDWARE, POSTS, AND ANCHORS FOR ANY SIGN ASSEMBLY SHALL BE REPLACED AT THE SAME TIME. MIXING OF OLD AND NEW SIGNS ON THE SAME ASSEMBLY WILL NOT BE ALLOWED.
- ALL NEW SIGN INSTALLATIONS, IF NEAR A UTILITY POLE, SHALL BE NO CLOSER THAN 10 FEET FROM THE UTILITY POLE.
- 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. NEW POSTS INSTALLED SHALL BE PAID UNDER THEIR RESPECTIVE PAY ITEM. 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 ENGINEER.
- SIGN IDENTIFICATION INFORMATION AS OUTLINED IN SECTION 675.02 SHALL INDICATE THE TOWN AND TOWN HIGHWAY INFORMATION. VAO T OR THE STATE SHALL NOT BE INDICATED ON ANY OF THE SIGNS.



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

VAOT RURAL AREA MIX					
% WEIGHT	LBS/AC		NAME	GERM %	PURITY %
	BROADCAST	HYDROSEED			
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

- RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
- ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
- 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.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- 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
- 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

GUARDRAIL GENERAL NOTES

- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- 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 PERFORMING ANY EXCAVATION ON PROJECT AND 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.

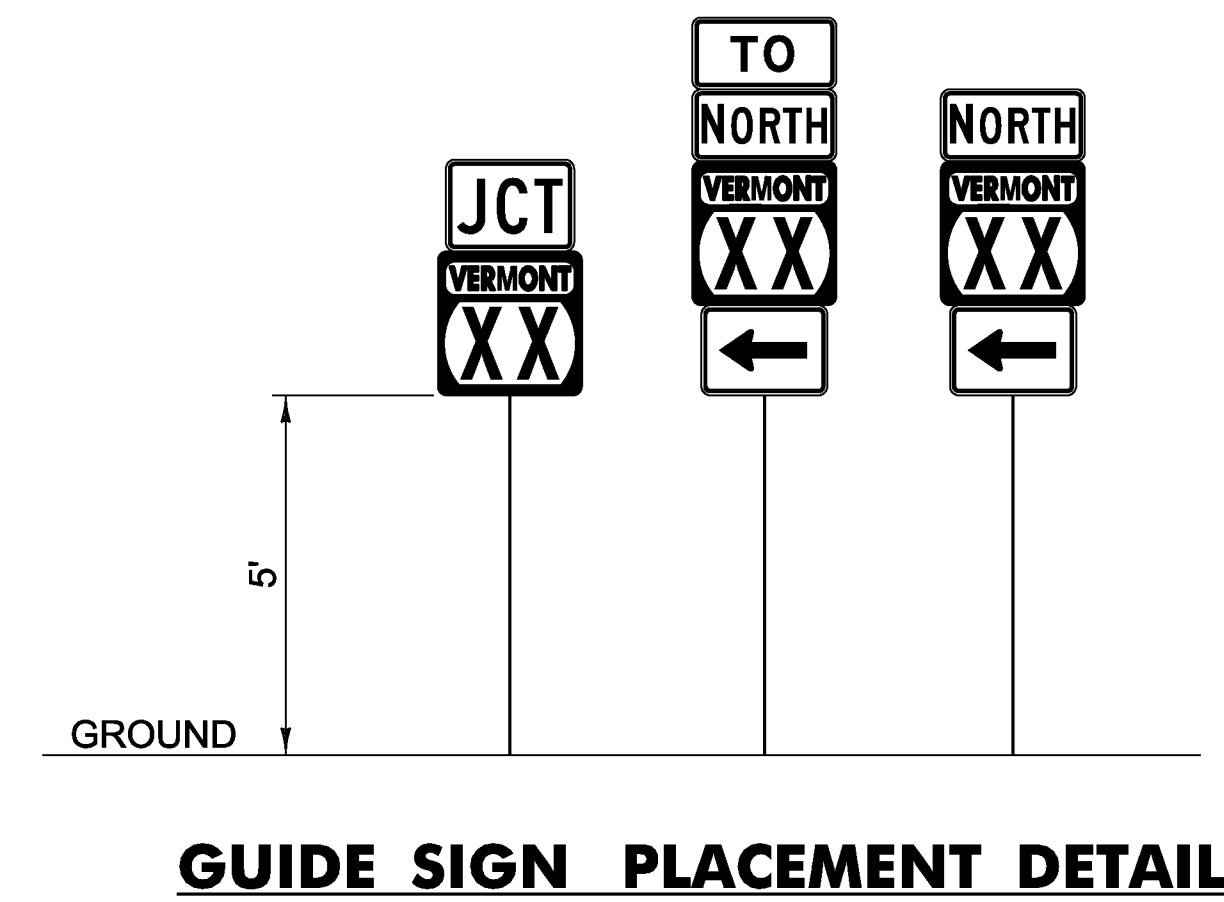
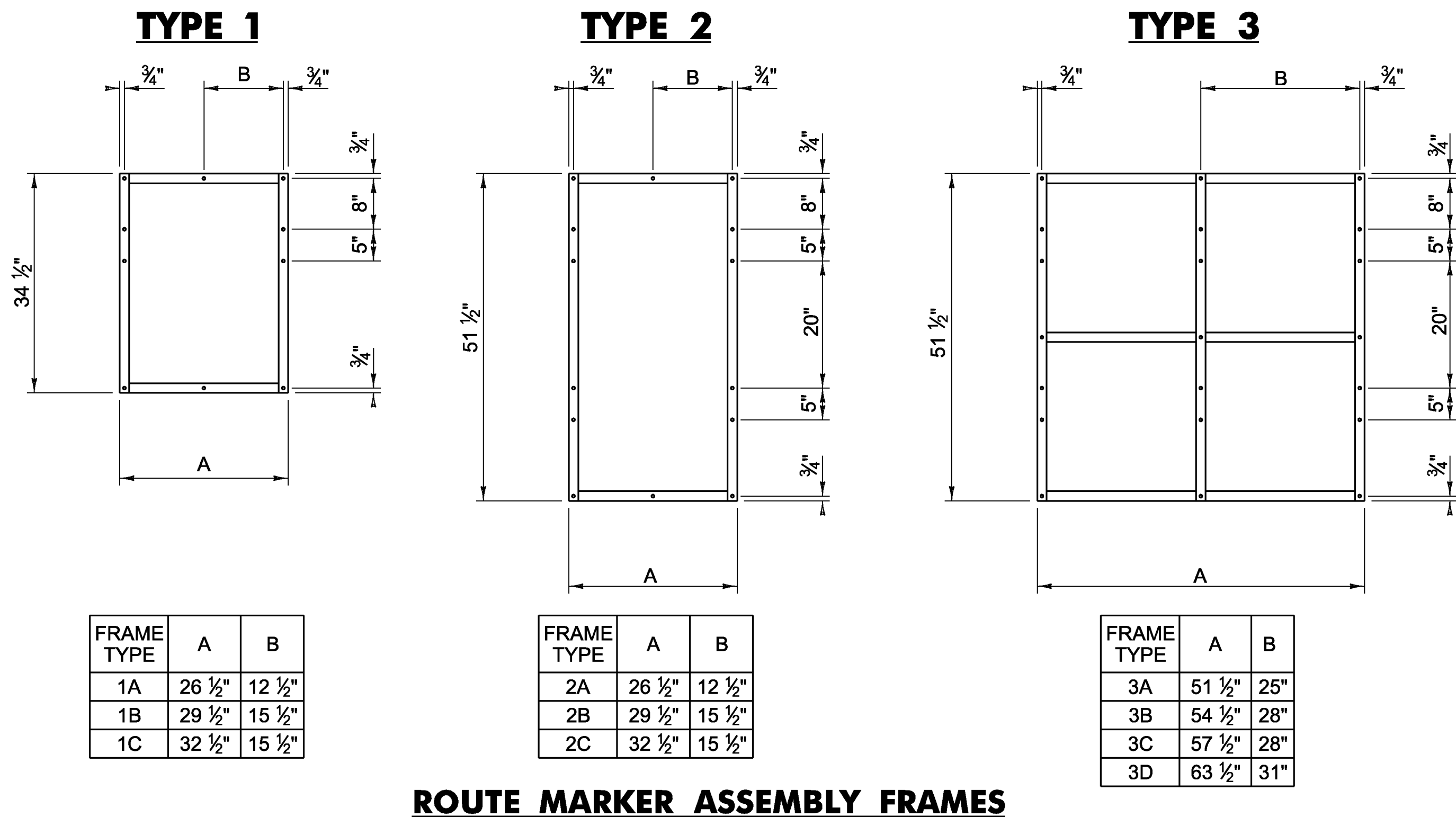
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PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	indexsheet.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
INDEX OF SHEETS & GENERAL NOTES	PLOT DATE: 1/22/2014
	DRAWN BY: N. PATTIS
	CHECKED BY: B. GROSE
	SHEET 2 OF 73

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES				
										ROADWAY	BRIDGE	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
												1000		CY	EARTH BORROW	203.30	EST.			
												1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	--			
												8		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
												16		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.			
												16		HR	TRUCK RENTAL	608.37	EST.			
												16		HR	LOADER RENTAL, TYPE I	608.40	EST.			
												2186		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	--			
												36		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	--			
												2070		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	--			
												24		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
												275		HR	FLAGGERS	630.15	EST.			
												1		LS	MOBILIZATION/DEMOBILIZATION	635.11	--			
												1		LS	TRAFFIC CONTROL	641.10	-			
												142		LF	4 INCH WHITE LINE	646.20	-			
												96		LF	24 INCH STOP BAR	646.26	--			
												59		EACH	LETTER OR SYMBOL	646.30	--			
												23		LB	SEED	651.15	EST.			
												93		LB	FERTILIZER	651.18	EST.			
												0.045		TON	AGRICULTURAL LIMESTONE	651.20	EST.			
												0.37		TON	HAY MULCH	651.25	EST.			
												99		CY	TOPSOIL	651.35	EST.			
												900		SY	TEMPORARY EROSION MATTING	653.20	EST.			
												2024		SF	TRAFFIC SIGNS, TYPE A	675.20	0.56			
												5340		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	--			
												214		EACH	REMOVING SIGNS	675.50	-			
												2		EACH	ERECTING SALVAGED SIGNS	675.60	-			
												2		EACH	SETTING SALVAGED POSTS	675.61	-			
												99		EACH	DELINEATOR WITH STEEL POST	676.10	-			
												2		EACH	SPECIAL PROVISION (PEDESTAL MOUNTED PEDESTRIAN SIGNAL HEAD, COUNTDOWN) (US ROUTE 7 @ JC PENNY DR.)	900.620	-			
												1		LS	SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (US ROUTE 7 @ JC PENNY DR.)	900.645	-			

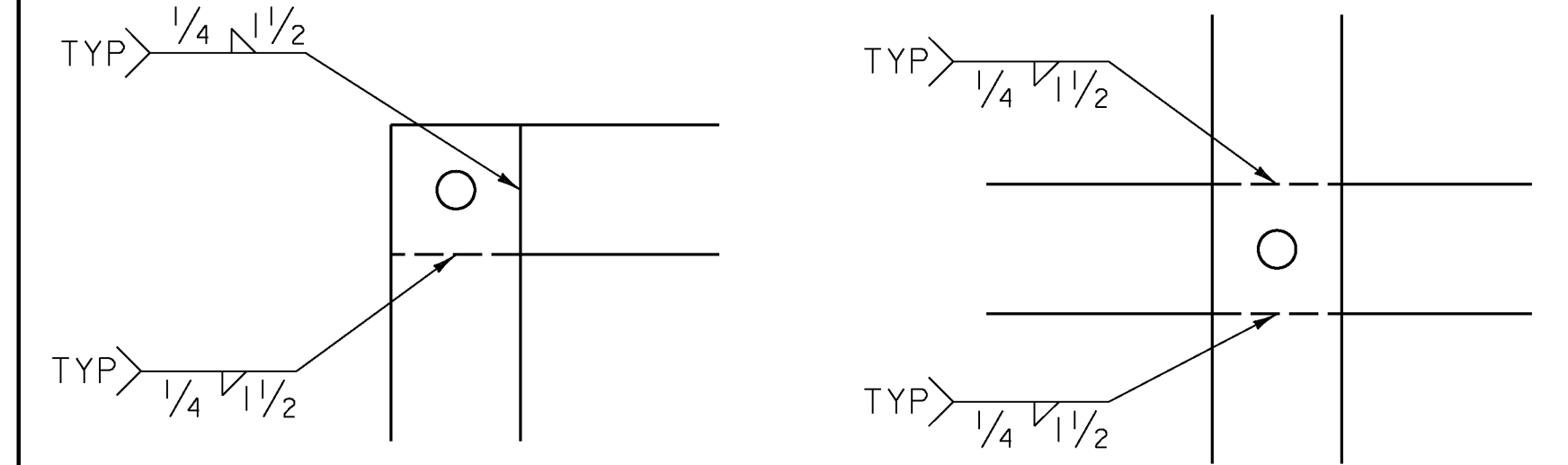
PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: quantitysheet.dgn **PLOT DATE:** 2/19/2014
PROJECT LEADER: J. DEVLIN **DRAWN BY:** N. PATTIS
DESIGNED BY: N. PATTIS **CHECKED BY:** B. GROSE
 QUANTITY SHEET **SHEET 3 OF 73**

GENERAL SIGNING DETAILS



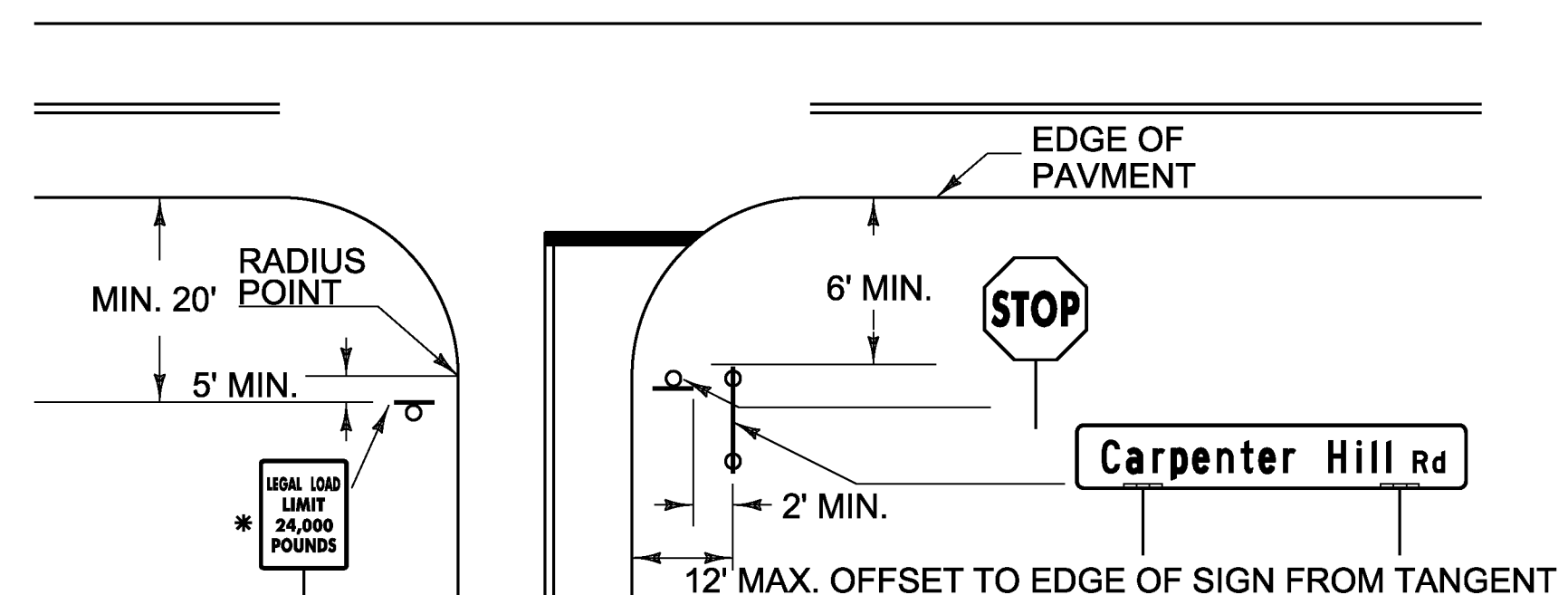
NOTES:

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 SEVEN FEET.

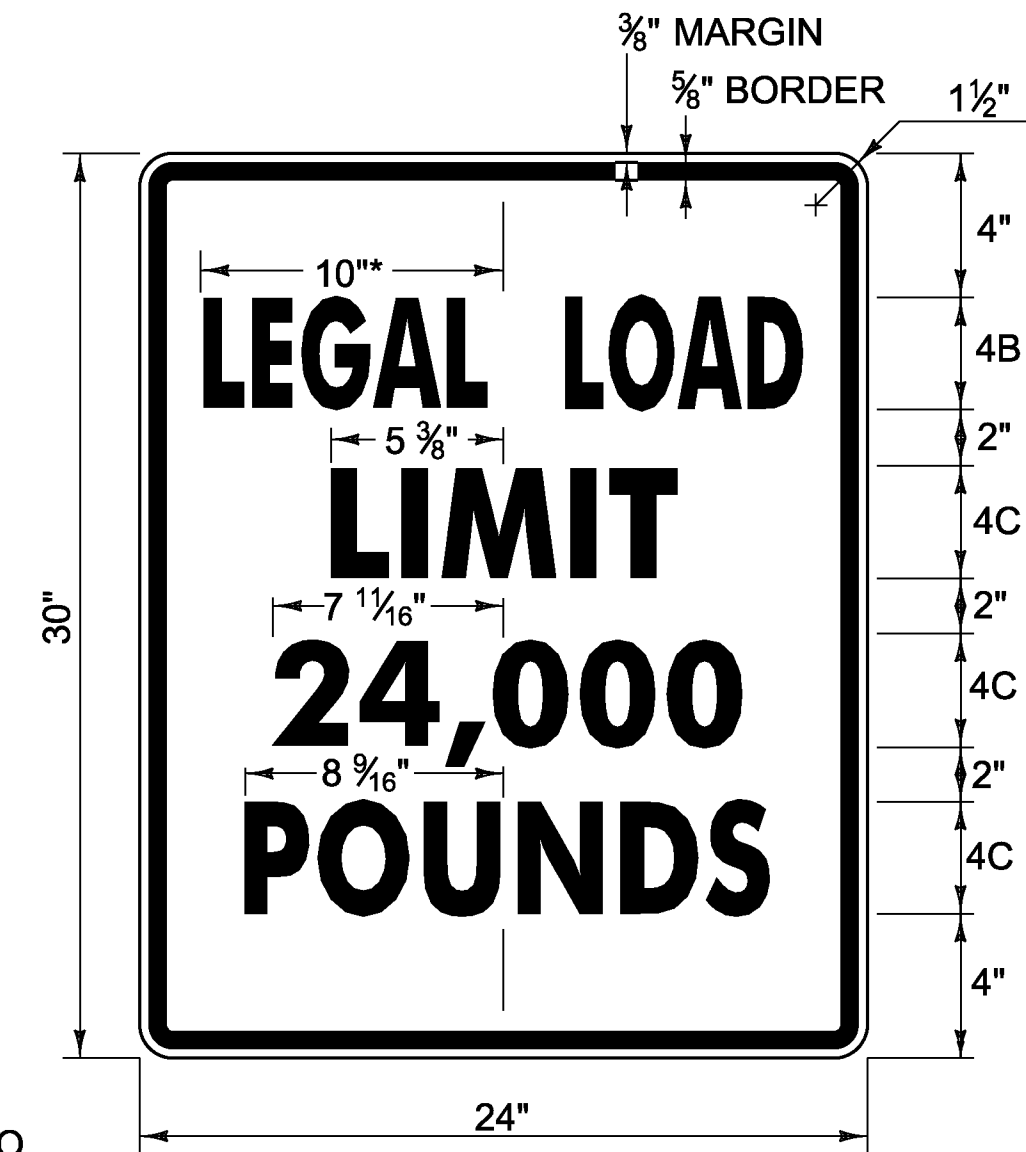


NOTES:

1. TYPE 1A FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS.
2. TYPE 1B FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN AND ONE 30 INCH WIDE SIGN COLUMN.
3. TYPE 1C 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 STEEL MEETING THE REQUIREMENTS OF 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.



1. SIDE ROAD STREET NAME SIGNS, COMMONLY INSTALLED PERPENDICULAR TO THE APPROACHING MAINLINE TRAFFIC, SHALL BE POSITIONED IN SUCH A WAY AS TO ENSURE THE BEST POSSIBLE VISIBILITY TO APPROACHING MAINLINE TRAFFIC FROM EACH DIRECTION. IN MOST CASES, STREET NAME SIGNS MAY BE INSTALLED ABOVE THE SIDE ROAD STOP SIGN. IN CASES WHERE THE SIDE ROAD STOP SIGN POSITION WOULD NOT BE SUITABLE FOR A TOP-MOUNTED STREET NAME SIGN, OR OTHER SITE-SPECIFIC CONSTRAINTS, THE STREET NAME SIGNS MAY BE INSTALLED INDEPENDENTLY ON EITHER CORNER OF THE INTERSECTION. THE STREET NAME SIGN(S) SHALL BE INSTALLED A MINIMUM OF SIX FEET FROM THE EDGE OF PAVEMENT FROM THE EDGE OF THE MAINLINE ROUTE TO THE NEAREST EDGE OF THE SIGN.
2. STREET NAME SIGNS WITH A LENGTH EXCEEDING 42-INCHES SHALL BE INSTALLED ON TWO POSTS, UNLESS PROTECTED BY BARRIER. THIS TWO POST ASSEMBLY SHALL BE LATERALLY OFFSET A MINIMUM OF TWO FEET (IN THE DIRECTION OF THE MAINLINE TRAFFIC) FROM ANY OTHER SIGN POST; NO MORE THAN TWO POSTS SHALL OCCUPY AN EIGHT FOOT PATH.
3. TOP-MOUNTED STREET NAME SIGNS SHALL REQUIRE 12-INCH MOUNTING BRACKETS. ALL MOUNTING HARDWARE IS INCIDENTAL TO PAY ITEM 675.20.
4. IF EXISTING STREET NAME SIGNS ARE SALVAGED THEY SHALL BE RE-INSTALLED PER THE ABOVE NOTES OR AS DIRECTED BY THE ENGINEER.
5. STREET NAME SIGNS FOR PRIVATE ROADS SHALL BE RETAINED, UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
6. THE STOP SIGN SHALL BE INSTALLED ON THE DRIVER'S RIGHT. MAINTAIN MAXIMUM VISIBILITY. THE STOP SIGN DOES NOT HAVE TO BE ADJACENT TO THE STOP BAR.
7. THE LEGAL LOAD LIMIT MAY VARY IN WEIGHT ACCORDING TO TOWN ORDINANCES. THE SIDE ROAD SPEED LIMIT MAY BE INSTALLED BELOW THE LEGAL LOAD LIMIT SIGN AS REQUIRED.



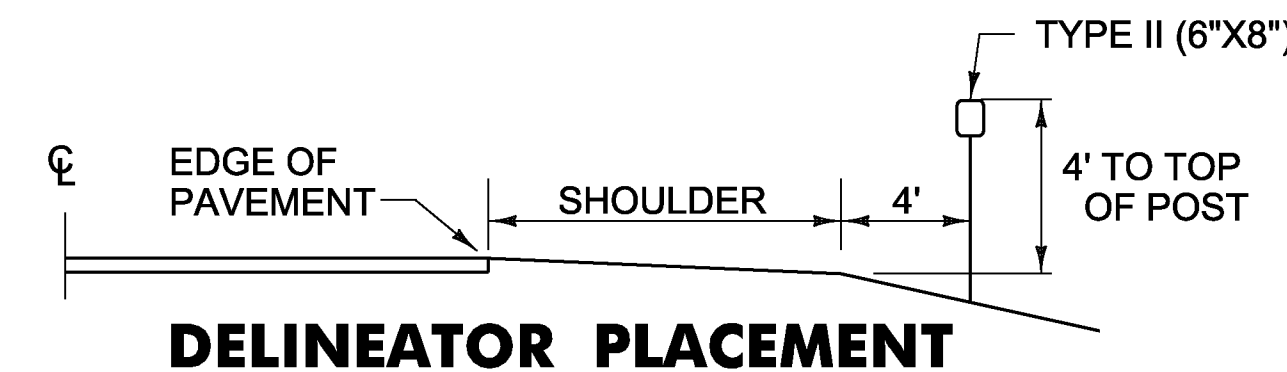
* REDUCE SPACING 50 %
LINE THREE ALTERNATE - **16,000**

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

VR-017

NOTES:

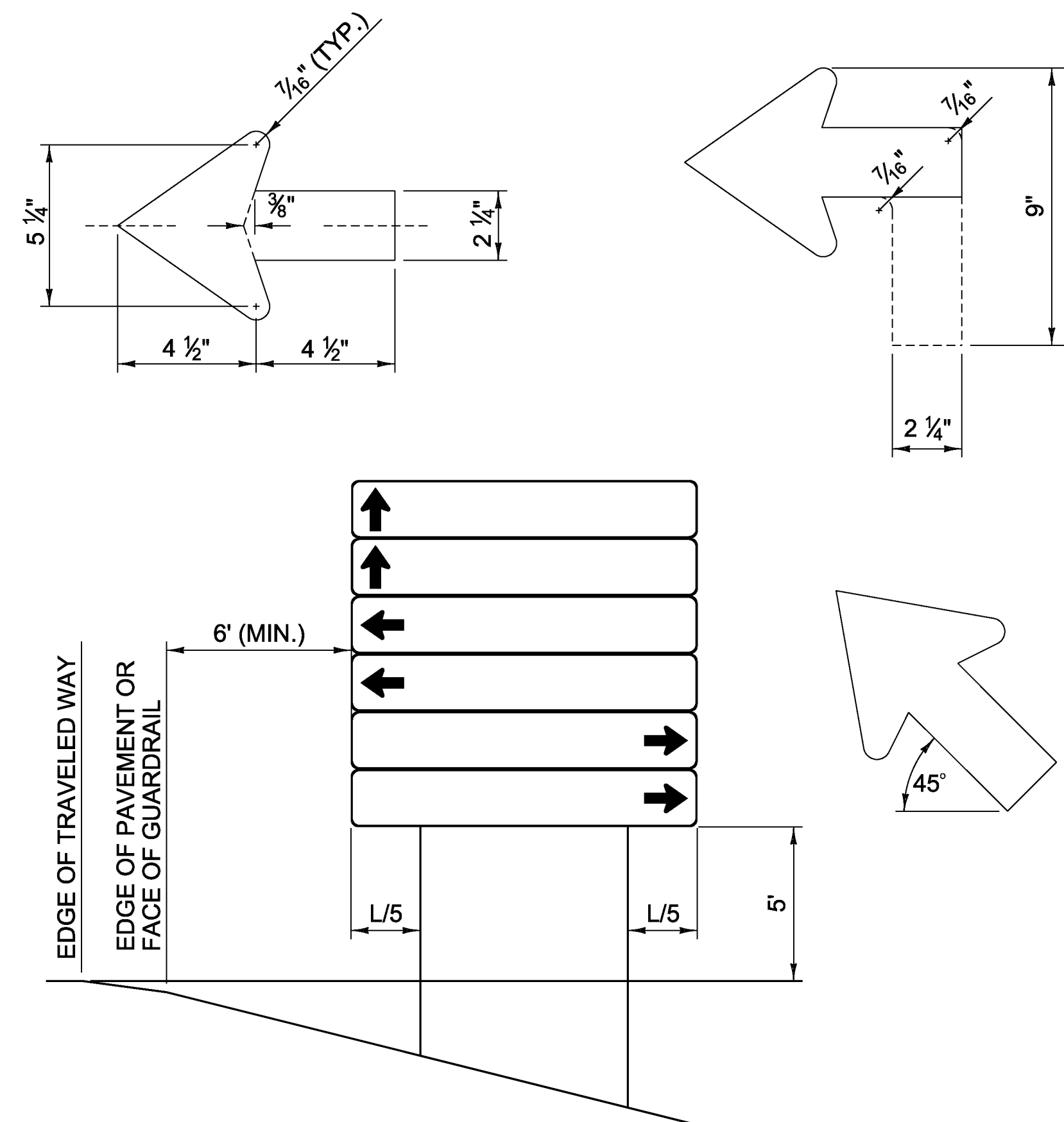
1. MATERIAL FOR RETROREFLECTIVE SHEETING FOR DELINEATORS SHALL BE A 0.063" ALUMINUM BACKING WITH A WHITE ASTM D 4956 TYPE III OR TYPE IV.
2. ALL TYPE II (6"x8") DELINEATOR POSTS SHALL BE 1.88 LB/FT SQUARE STEEL WITH A 12 GAGE ANCHOR, WITH AN ANCHOR REVEAL OF TWO INCHES.
3. DELINEATOR POSTS SHALL HAVE A MINIMUM EMBEDMENT OF 2'-6" IN THE GROUND.
4. ALL WORK ASSOCIATED WITH TYPE II (6"x8") DELINEATORS SHALL BE PAID FOR UNDER CONTRACT ITEM 676.10 DELINEATOR WITH STEEL POST.



LEGAL LOAD LIMIT AND STOP SIGNS AT INTERSECTIONS WITH TOWN HIGHWAYS

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	generalsigndetail.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
GENERAL SIGN DETAIL SHEET I	
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	4 OF 73

DESTINATION BOARD DETAILS



D-BOARD 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 1 1/2 INCH RADIUS, UNLESS OTHERWISE NOTED.
3. SIGNS SHALL HAVE A 3/8 INCH WIDE BORDER ROUNDED TO A 1 1/2 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 SIX SIGNS.
10. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	generalsigndetails2.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
GENERAL SIGN DETAIL SHEET 2	
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	5 OF 73

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

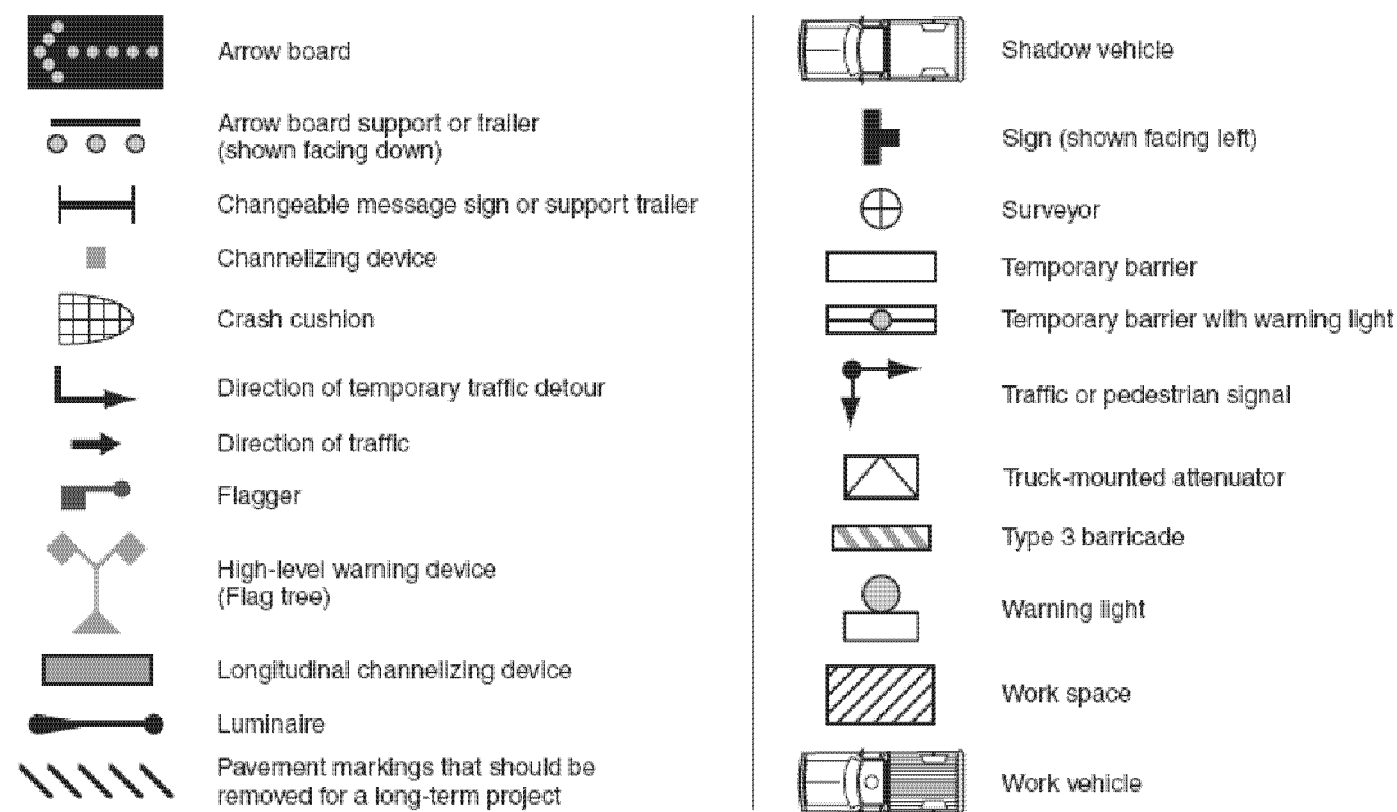


Figure 6F-7. Channelizing Devices

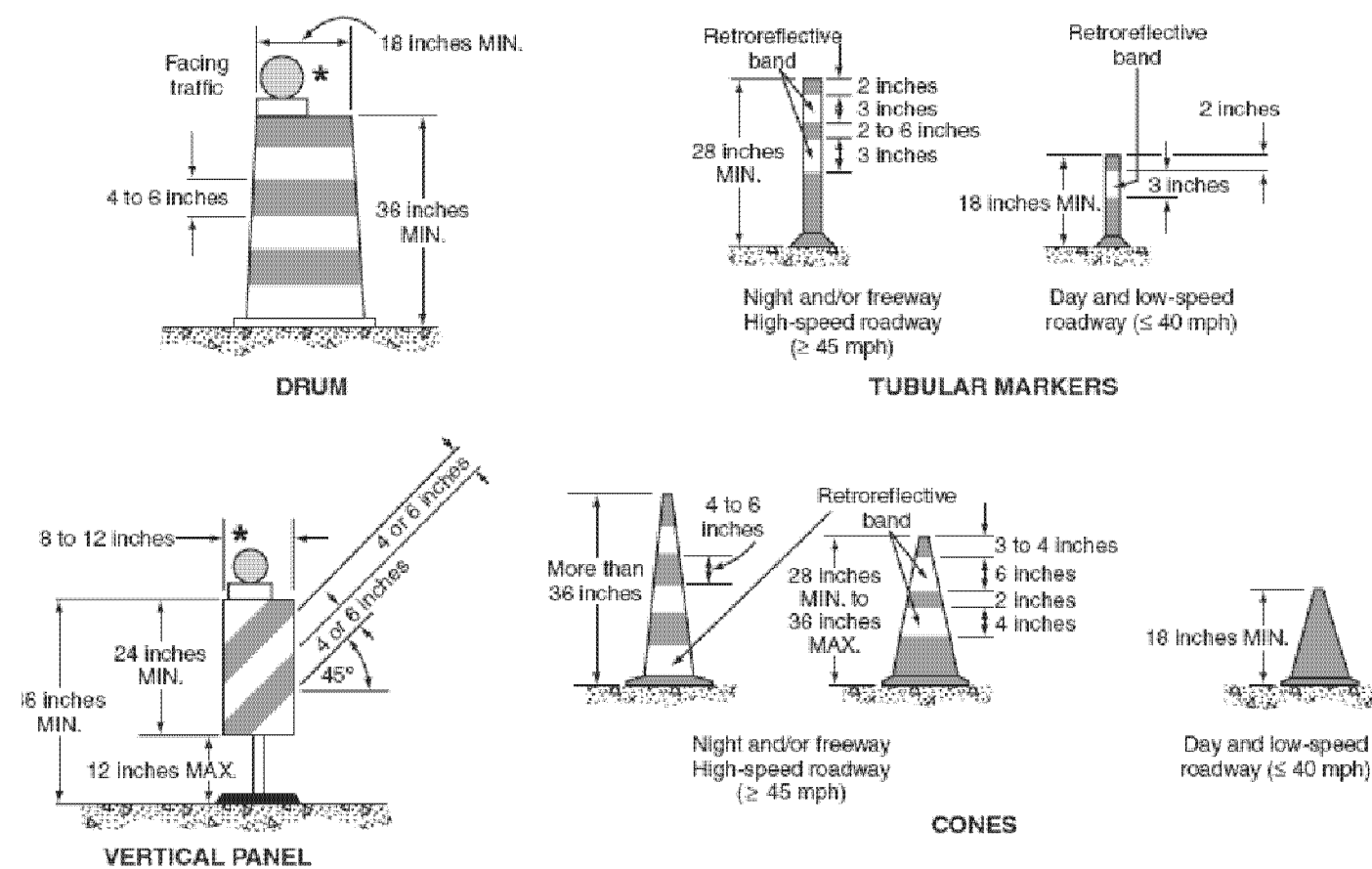


Figure 6C-2. Types of Tapers and Buffer Spaces

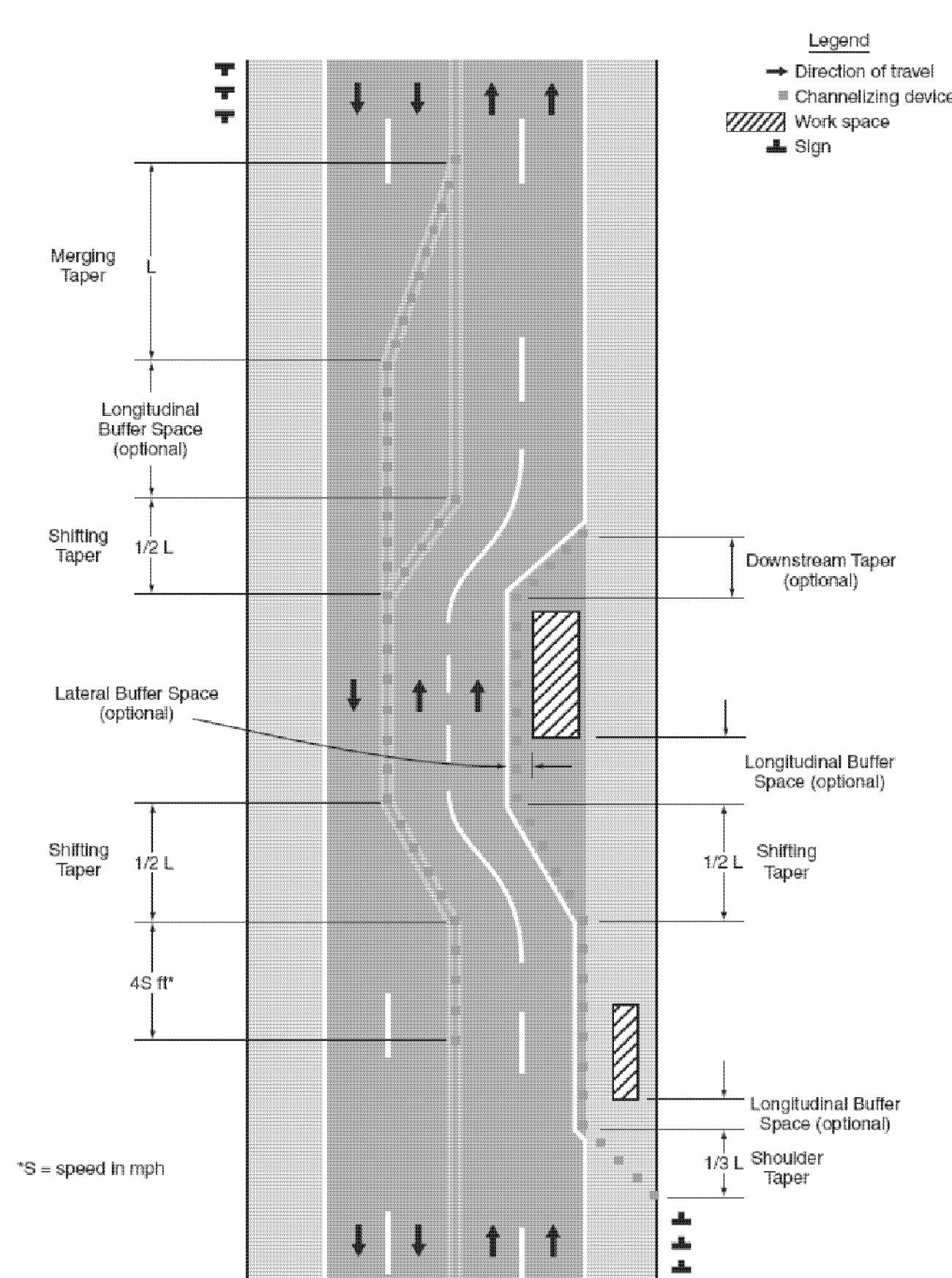


Figure 6H-1. Work Beyond the Shoulder (TA-1)

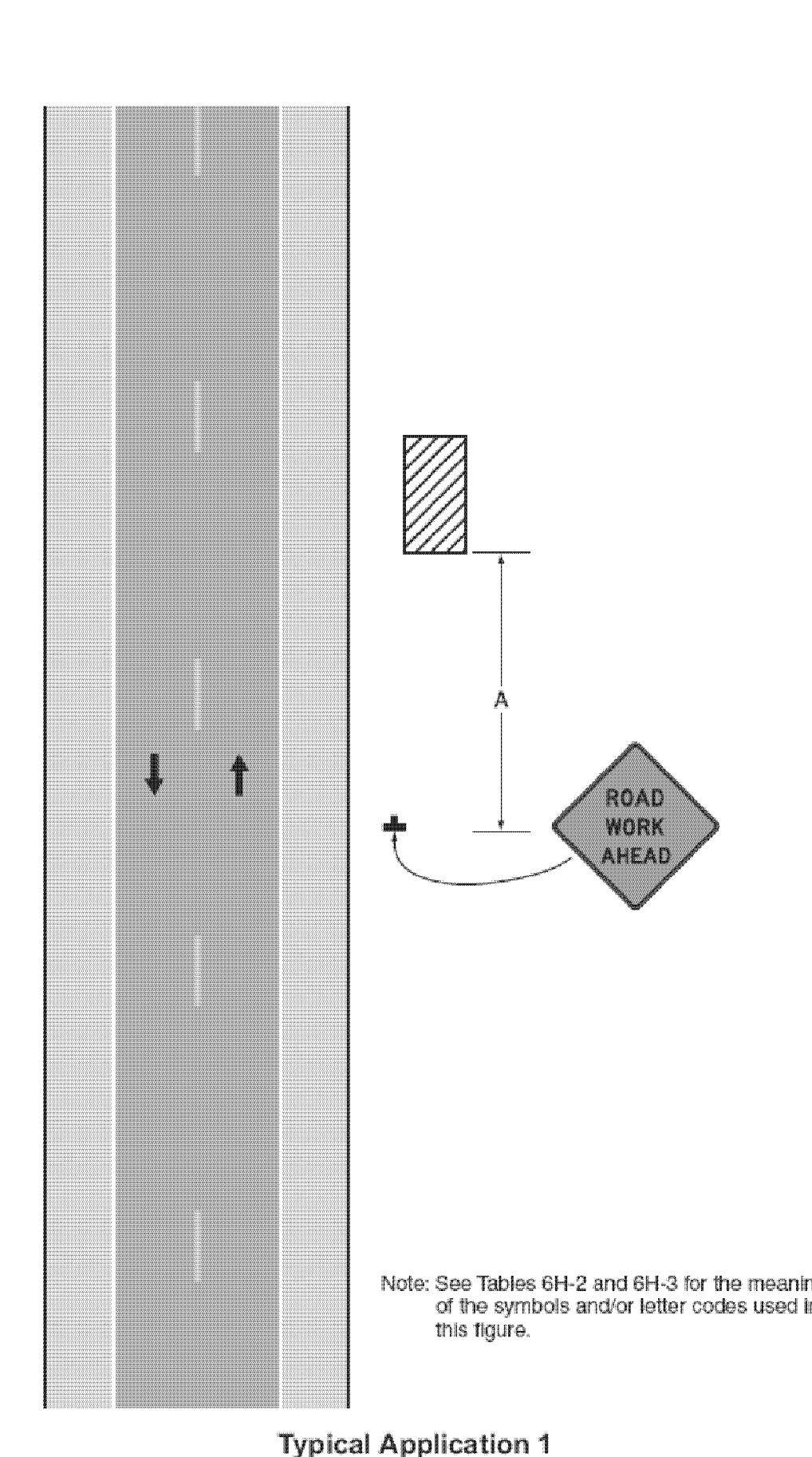
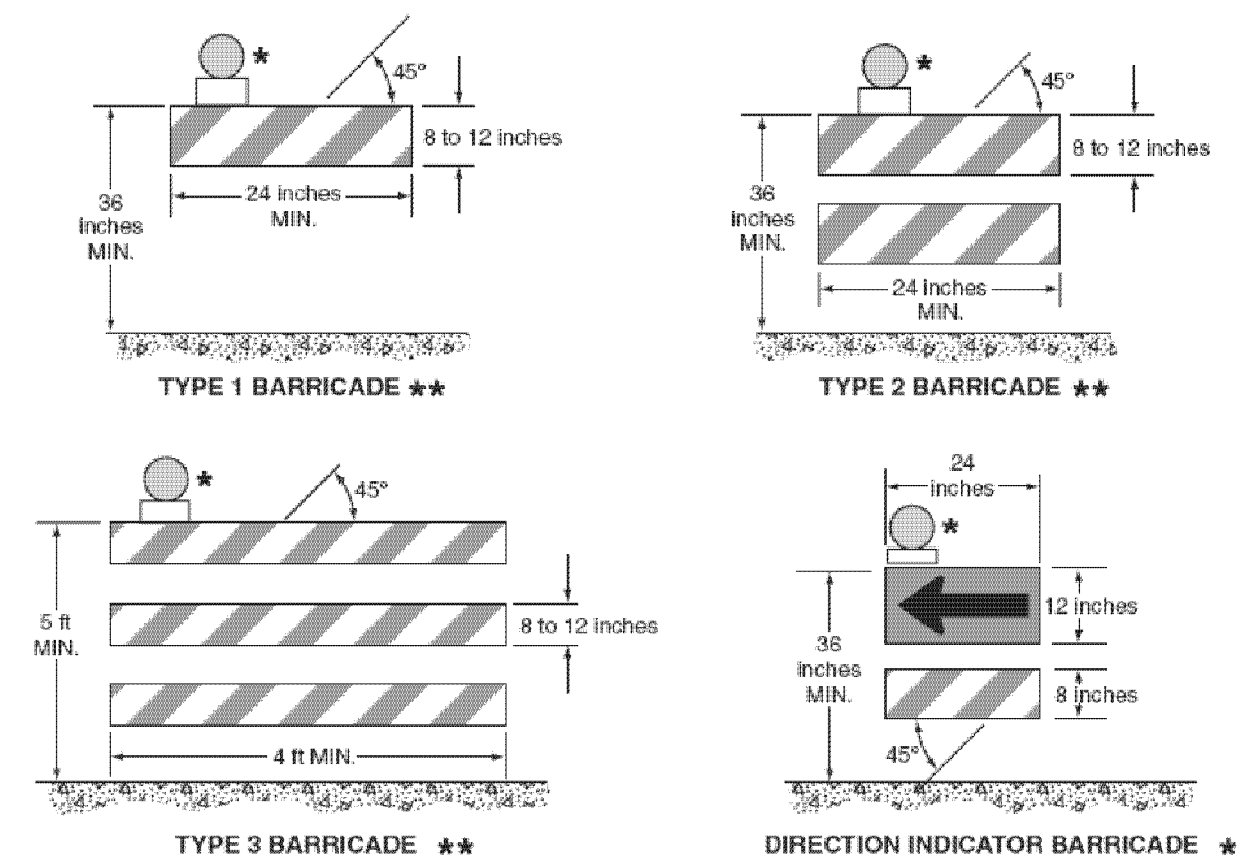
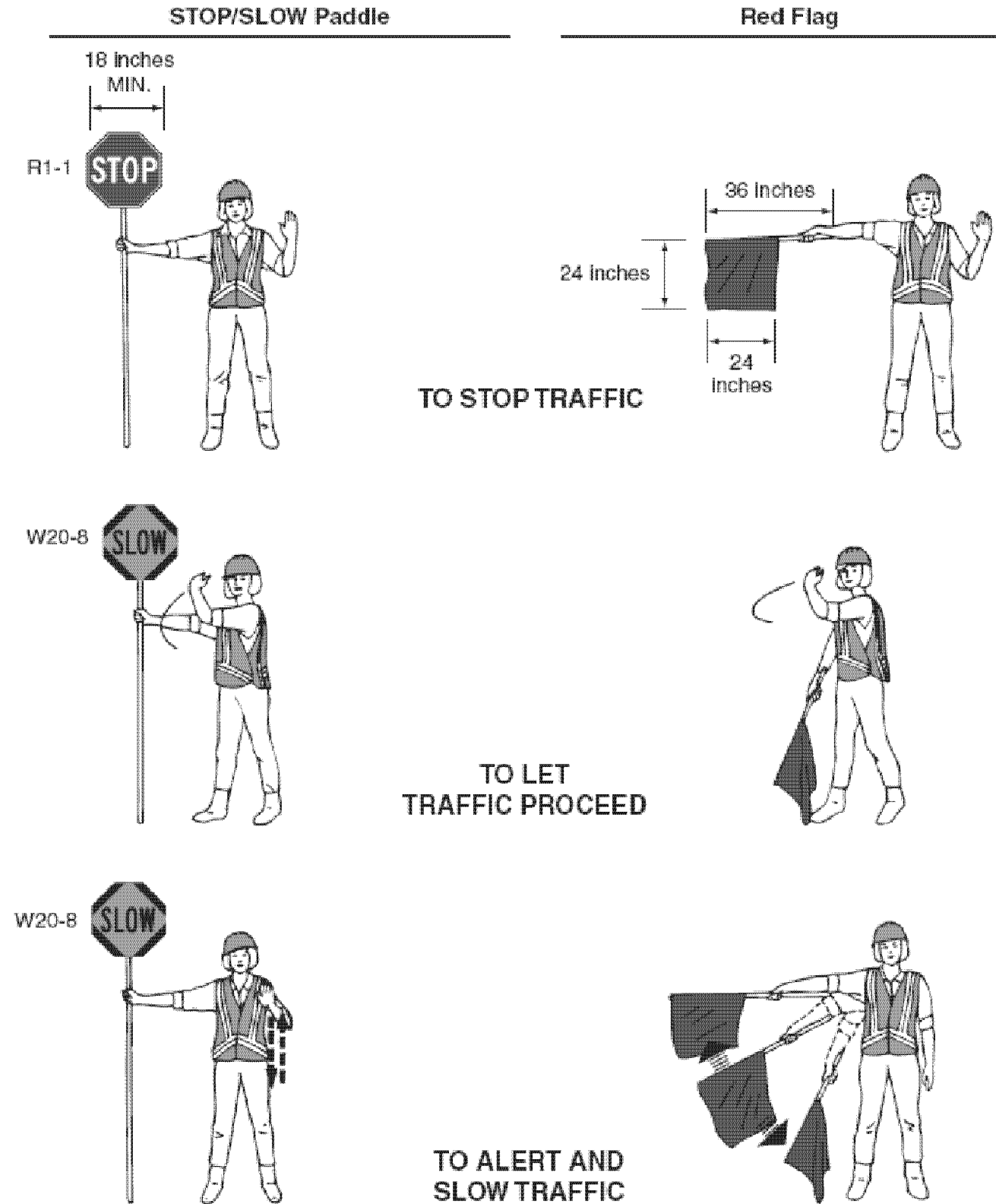


Figure 6E-3. Use of Hand-Signaling Devices by Flaggers

PREFERRED METHOD STOP/SLOW Paddle EMERGENCY SITUATIONS ONLY Red Flag



* 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 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.)

TEMPORARY TRAFFIC CONTROL NOTES

- TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THESE PROJECT PLANS, APPLICABLE VTRANS E-SERIES AND T-SERIES STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) DATED 2003, AND ITS LATEST REVISIONS, OR AS DIRECTED BY THE ENGINEER, WHERE CONFLICTS EXIST, THE MUTCD SHALL GOVERN. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THE TEMPORARY TRAFFIC CONTROL PROVIDED, CONTRACTOR MAY SUBMIT AN ALTERNATE PROPOSAL IN ACCORDANCE WITH SUBSECTION 641.02.
- WHEN WORKING IN THE VICINITY OF EXISTING PEDESTRIAN FACILITIES, ADA PEDESTRIAN ACCOMMODATION SHALL BE MAINTAINED AT ALL TIMES. PAYMENT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR CONTRACT ITEM 641.10 TRAFFIC CONTROL.
- THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES.
- 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.
- 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.
- PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER CONTRACT ITEM 641.10 "TRAFFIC CONTROL."
- SIGNS SHALL BE MOVED AS WORK AREA MOVES. AT NO TIME SHALL THE FLAGGER SIGN BE GREATER THAN 750 FEET IN ADVANCE OF THE FLAGGER STATION.

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

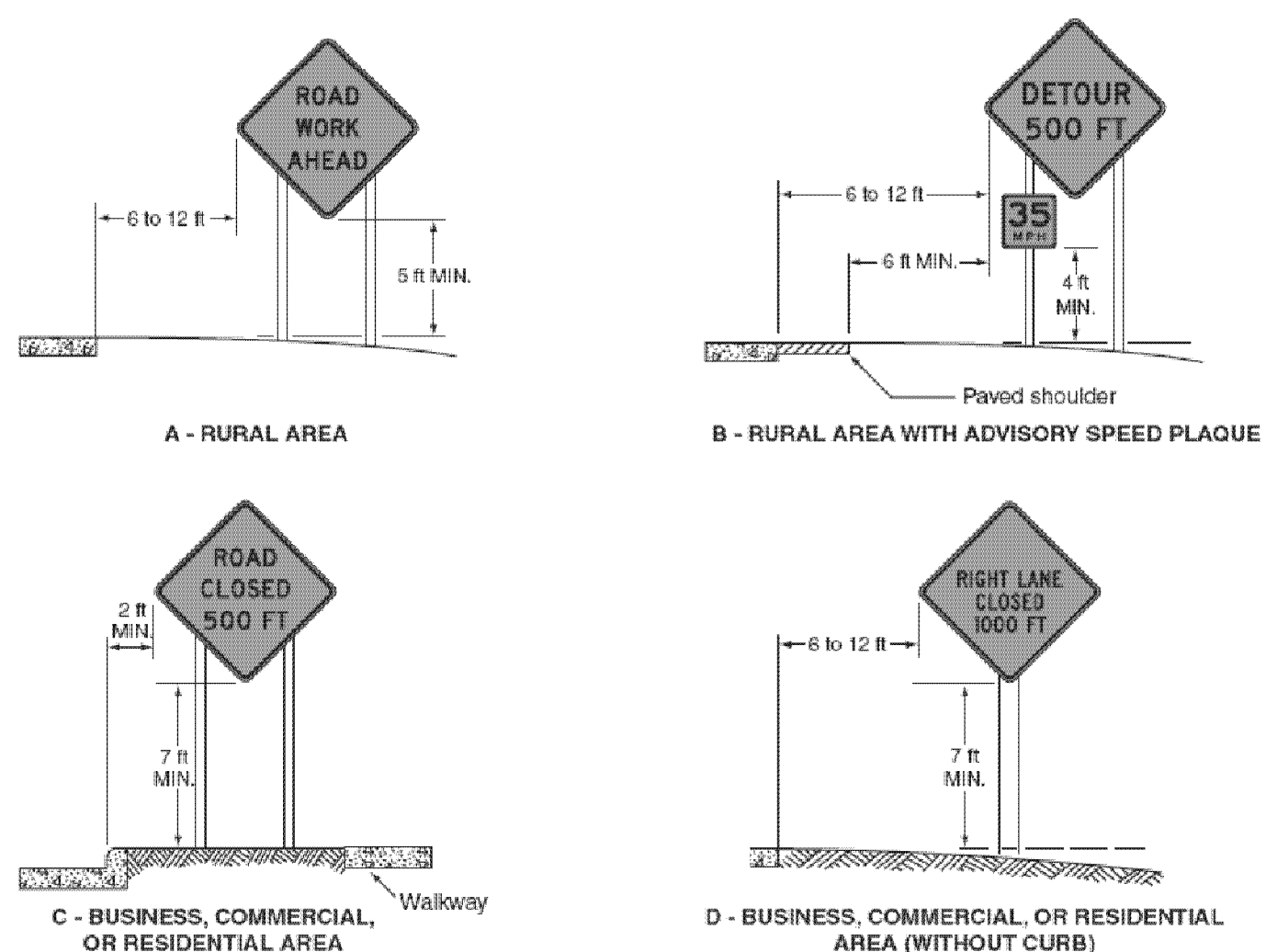


Table 6C-4. Formulas for Determining Taper Length

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

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-3. Work on the Shoulders (TA-3)

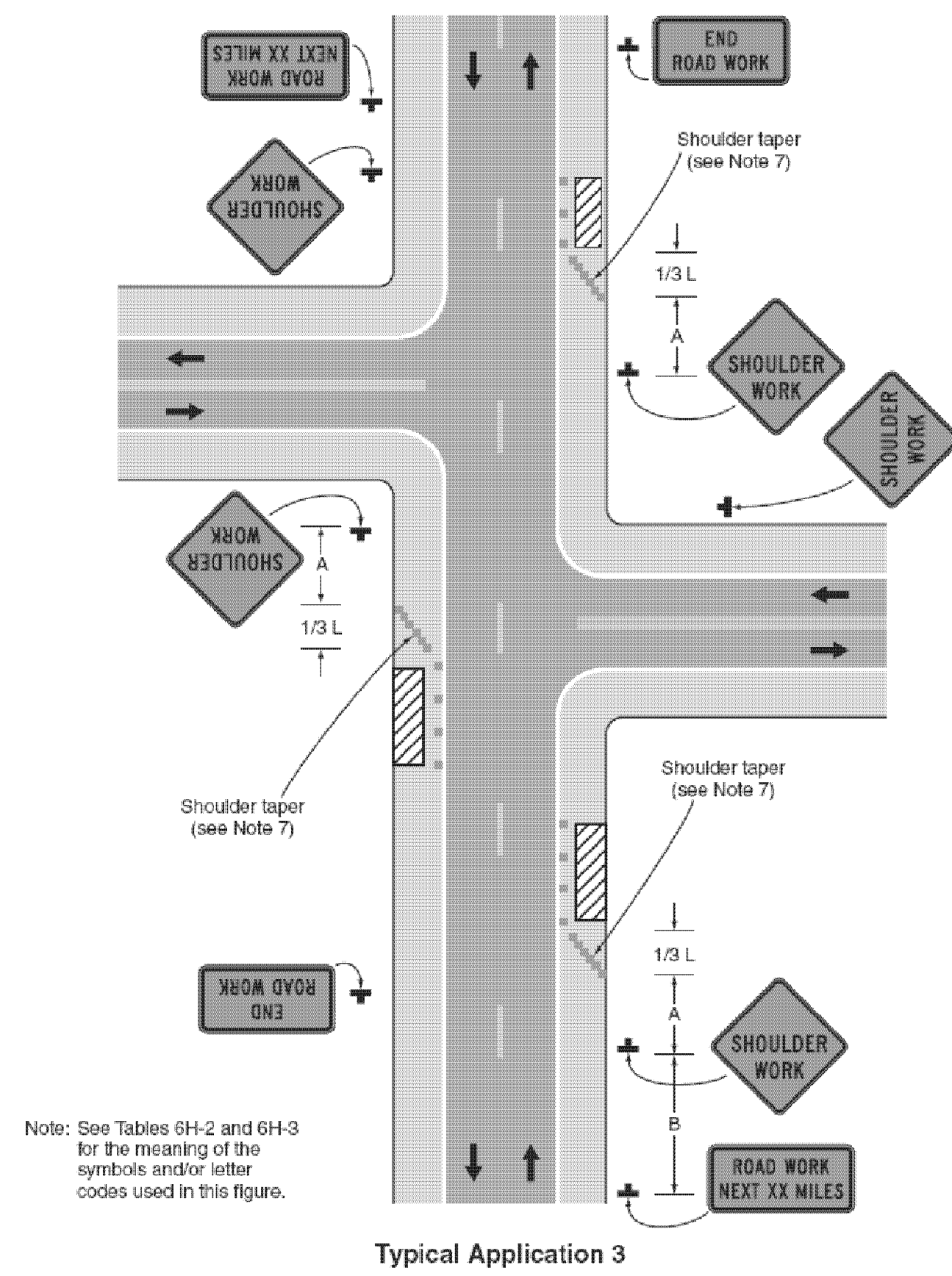


Figure 6H-4. Short-Duration or Mobile Operation on a Shoulder (TA-4)

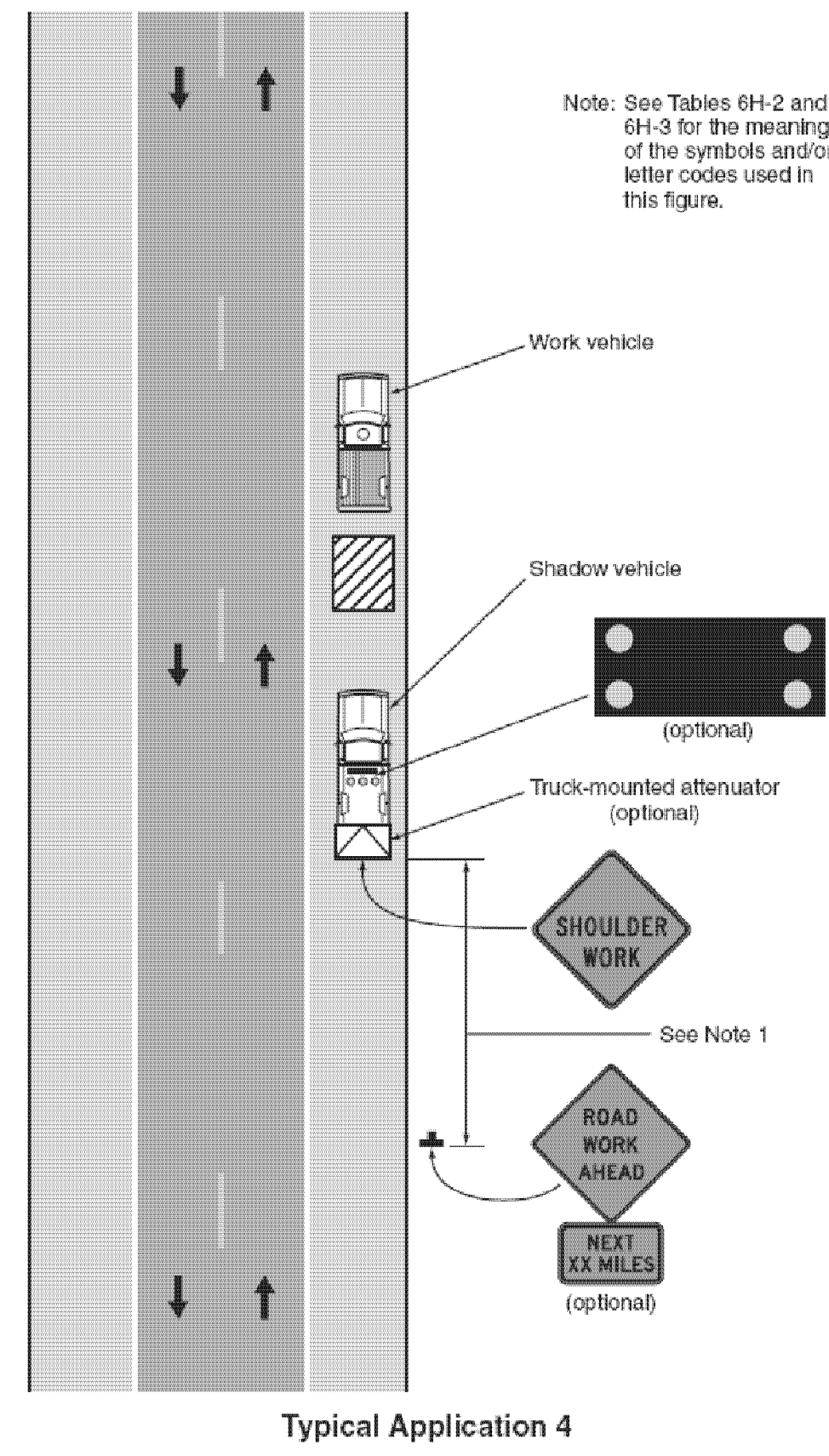


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)

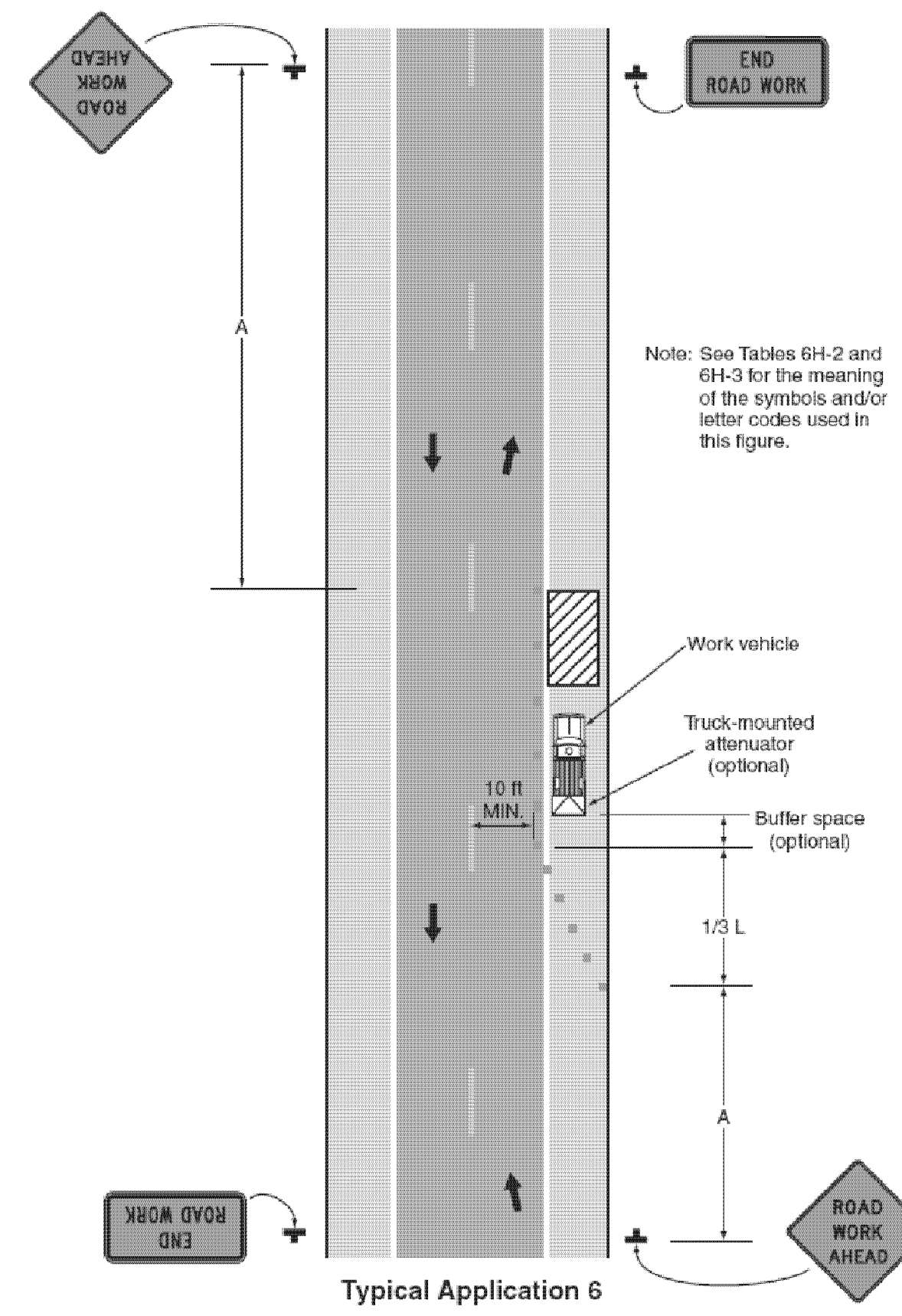
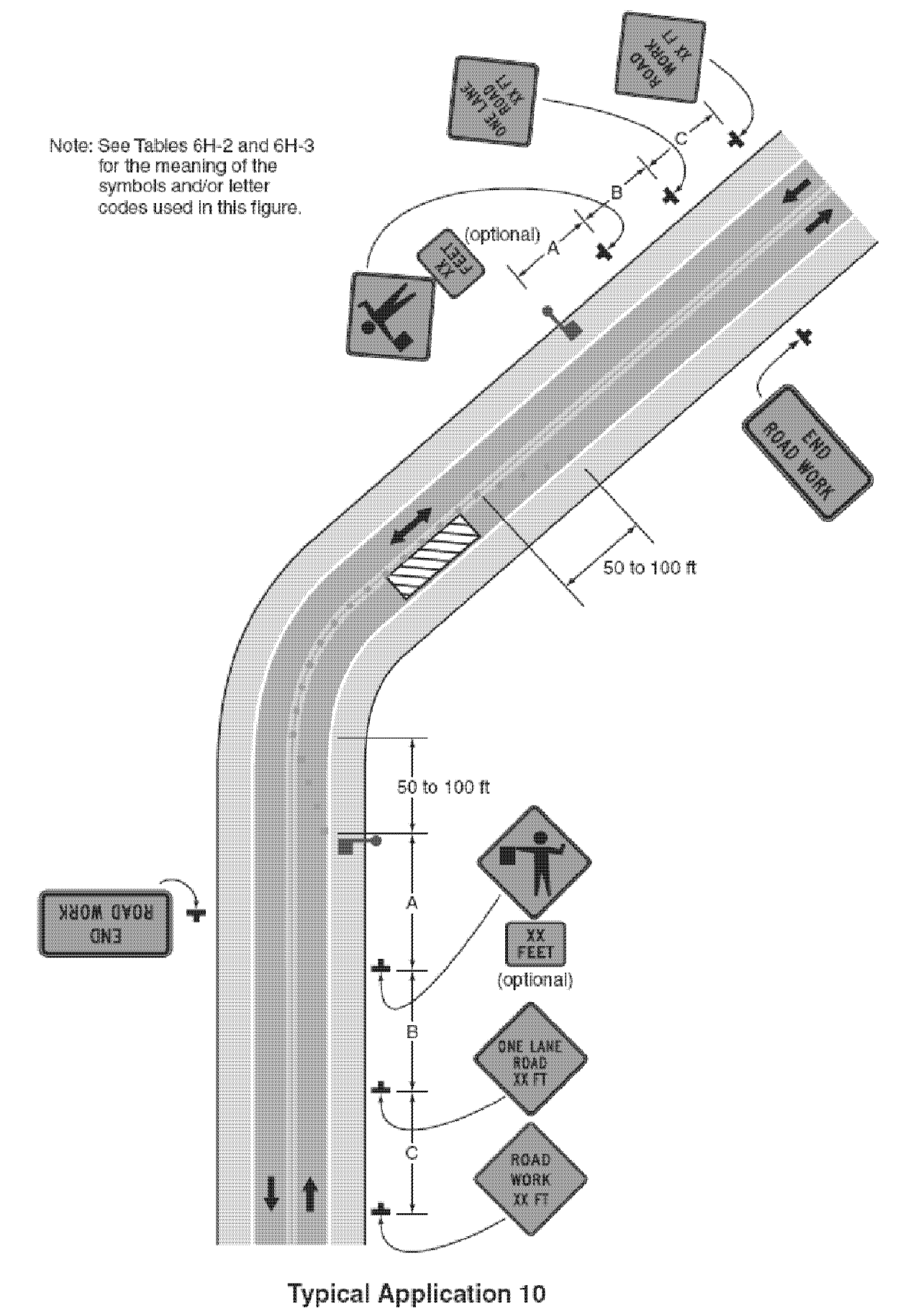
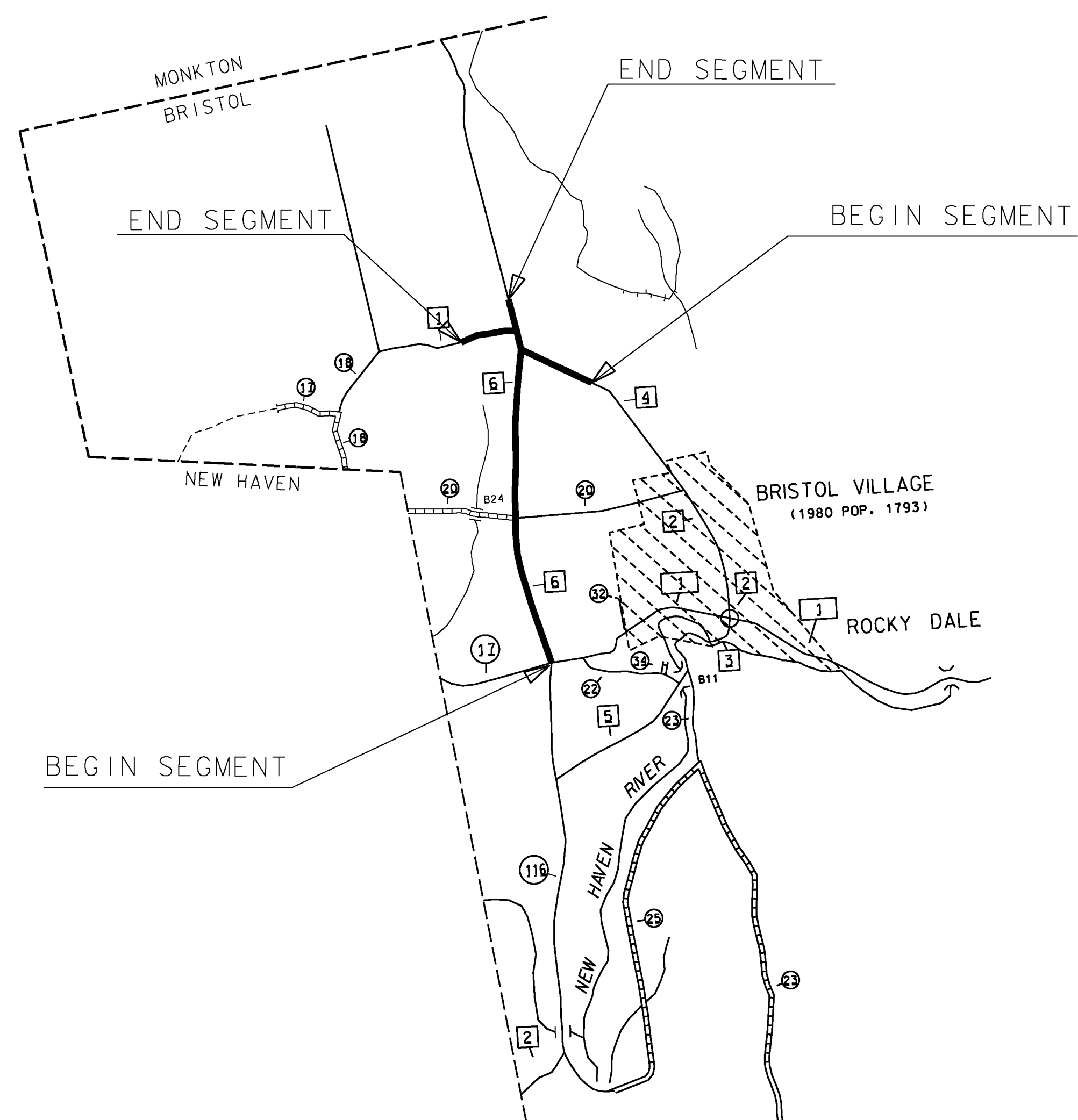


Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)



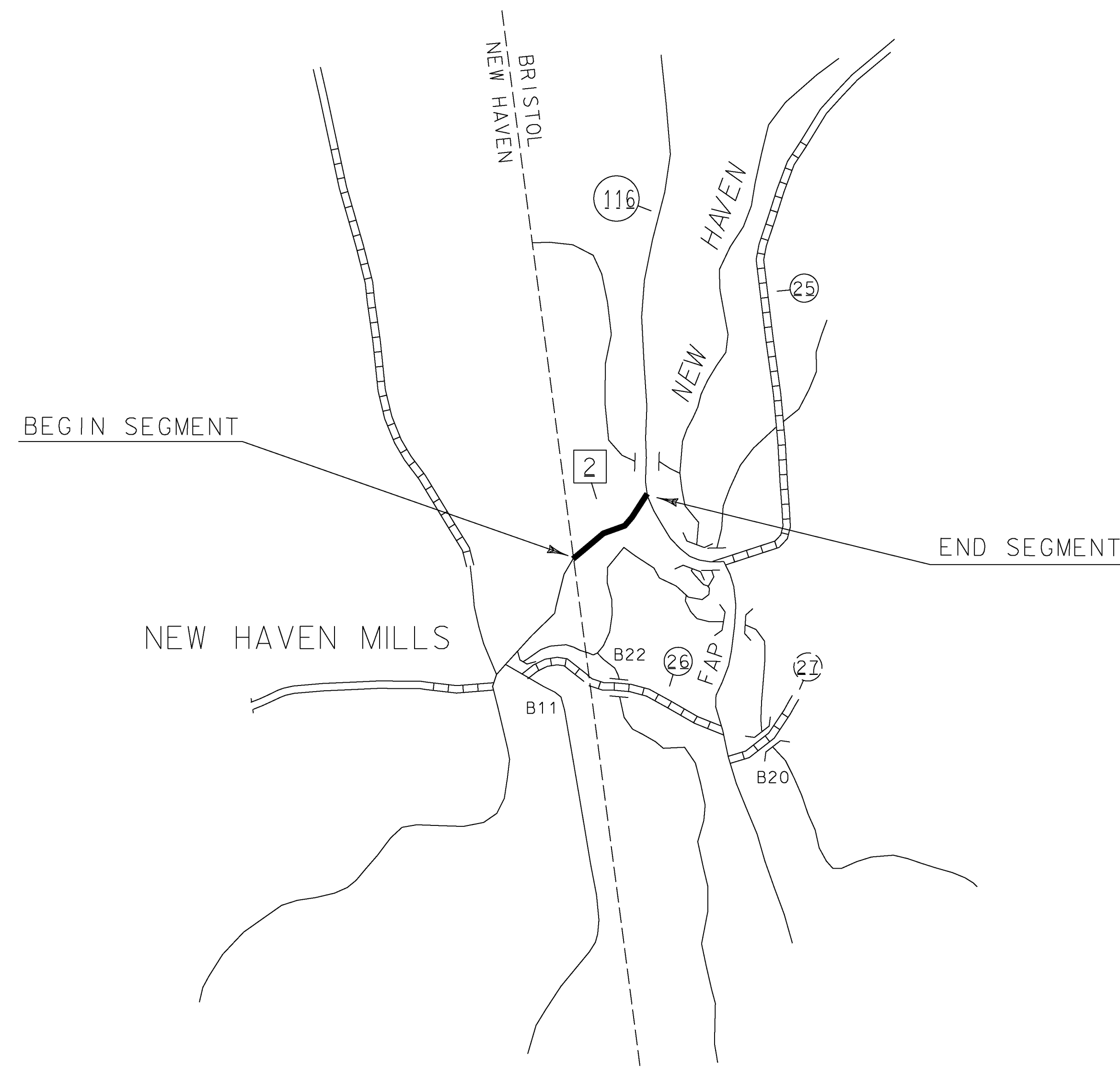
BRISTOL
(BURPEE/MONKTON
ROADS)



BEGINNING AT THE INTERSECTION OF VT ROUTE 116 AND BURPEE ROAD (TH-6) IN THE TOWN OF BRISTOL, DESIGNATING THE POINT WHERE THE CENTERLINES OF THESE TWO ROADS INTERSECT AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG BURPEE ROAD (TH-6) FOR A DISTANCE OF 1.887 MILES TO A POINT 0.030 MILES NORTH OF POLE # 36 (MM 1.857) TO END THIS SEGMENT OF THE PROJECT.

ON ANOTHER ROAD BEGINNING AT MAILBOX # 717 ON MONKTON ROAD (TH-4) IN THE TOWN OF BRISTOL, DESIGNATING THIS AS MILE MARKER 0.000 AND TRAVELING WESTERLY ALONG MONKTON ROAD (TH-4) FOR A DISTANCE OF 0.482 MILES TO A POINT 0.036 MILES WEST OF POLE # 39X/S1 (MM 0.446) TO END THIS SEGMENT OF THE PROJECT.

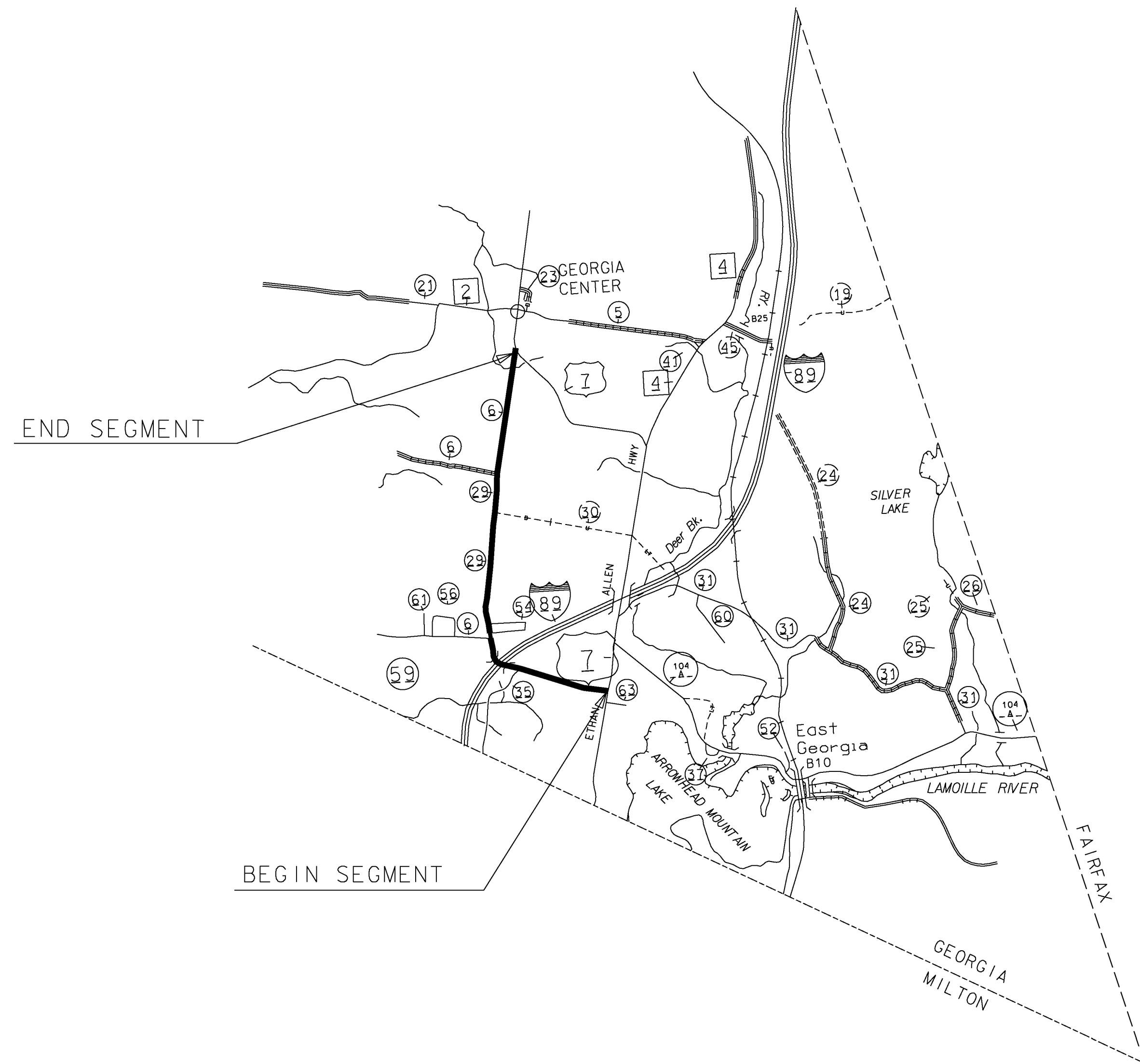
BRISTOL
(RIVER ROAD)



BEGINNING AT THE NEW HAVEN/BRISTOL TOWN LINE DESIGNATING THIS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG RIVER ROAD IN THE TOWN OF BRISTOL FOR A DISTANCE OF 0.413 MILES TO A POINT 0.038 MILES EAST OF DRIVEWAY ADDRESSED 59 RIVER STREET (MM 0.375) TO END THIS SEGMENT OF THE PROJECT.

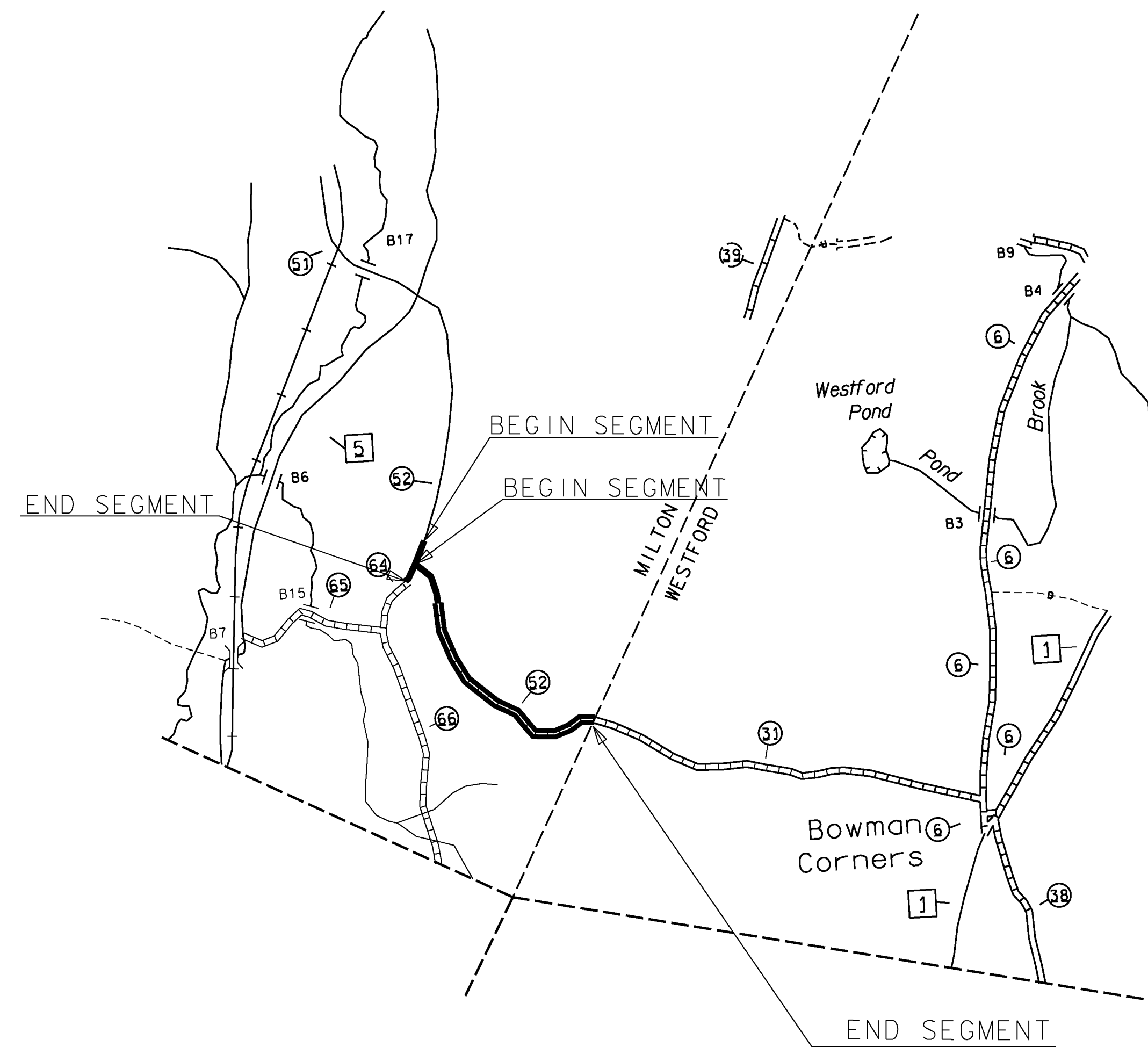
PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	sitemap.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
SITE MAP SHEET 1	
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	8 OF 73

GEORGIA



BEGINNING AT THE INTERSECTION OF BALLARD ROAD (TH-29) AND US ROUTE 7, DESIGNATING WHERE THE CENTERLINE OF EACH OF THE ROADS INTERSECTS AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG BALLARD ROAD (TH-29) FOR A DISTANCE OF 2.874 MILES TO A POINT 0.005 MILES NORTH OF POLE # 188A (MM 2.869) TO END THIS SEGMENT OF THE PROJECT.

MILTON

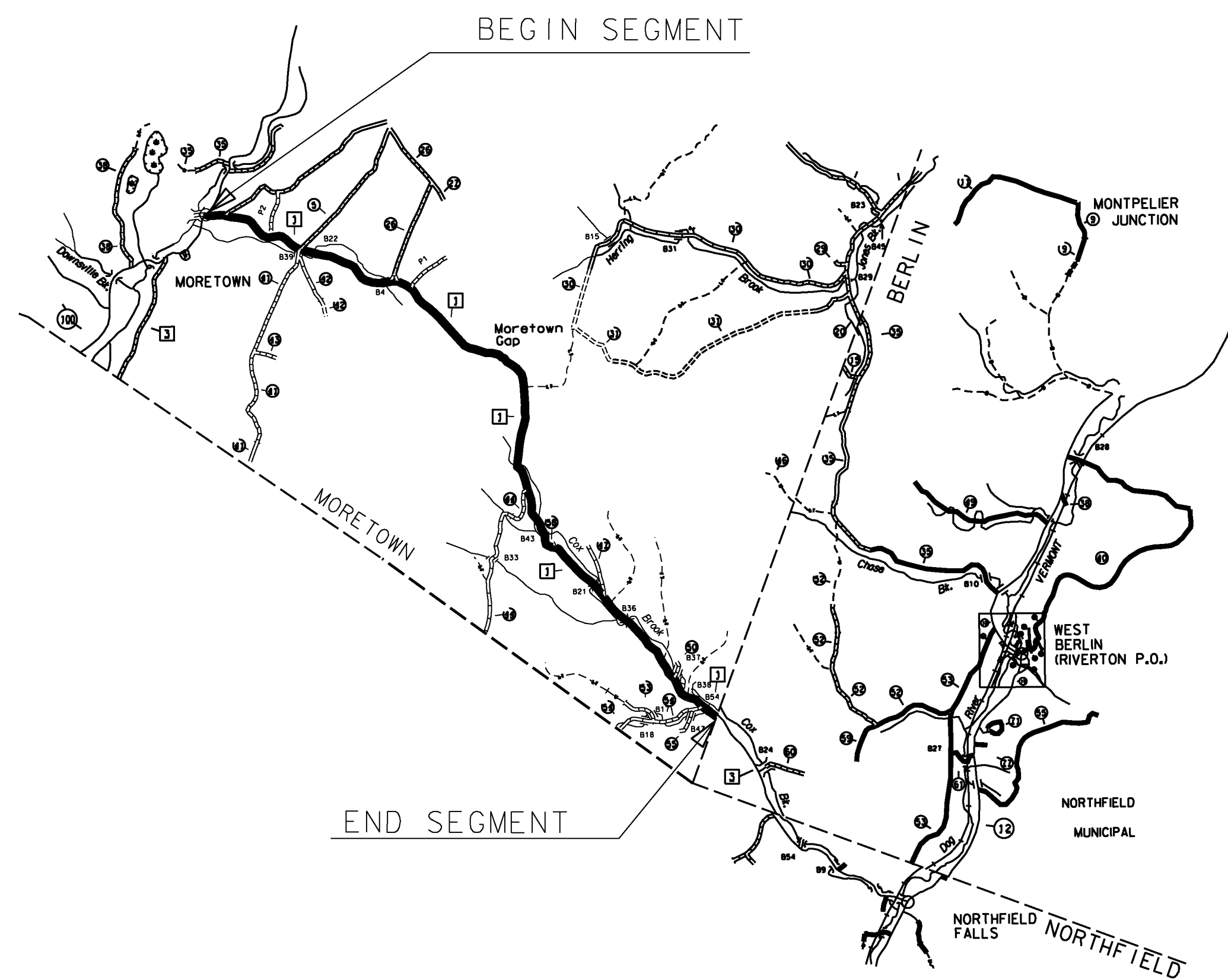


BEGINNING AT THE INTERSECTION OF ROLLIN IRISH ROAD (TH-52) AND DUFFY ROAD (TH-64) IN THE TOWN OF MILTON AND DESIGNATING WHERE THE CENTERLINE OF EACH OF THESE ROADS INTERSECTS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG ROLLIN IRISH ROAD (TH-52) FOR A DISTANCE OF 1.154 MILES TO A POINT 0.005 MILES EAST OF POLE # 87/ 4 / 140 (MM 1.149) TO END THIS SEGMENT OF THE PROJECT.

ON ANOTHER ROAD, BEGINNING AT POLE # 46/ 6 ON DUFFY ROAD (TH-52) IN THE TOWN OF MILTON AND EXTENDING SOUTHERLY ALONG DUFFY ROAD (TH-52) FOR A DISTANCE OF 0.144 MILES TO A POINT 0.086 MILES SOUTH OF POLE # 406/ 4 / 56 (MM 0.058) TO END THIS SEGMENT OF THE PROJECT.

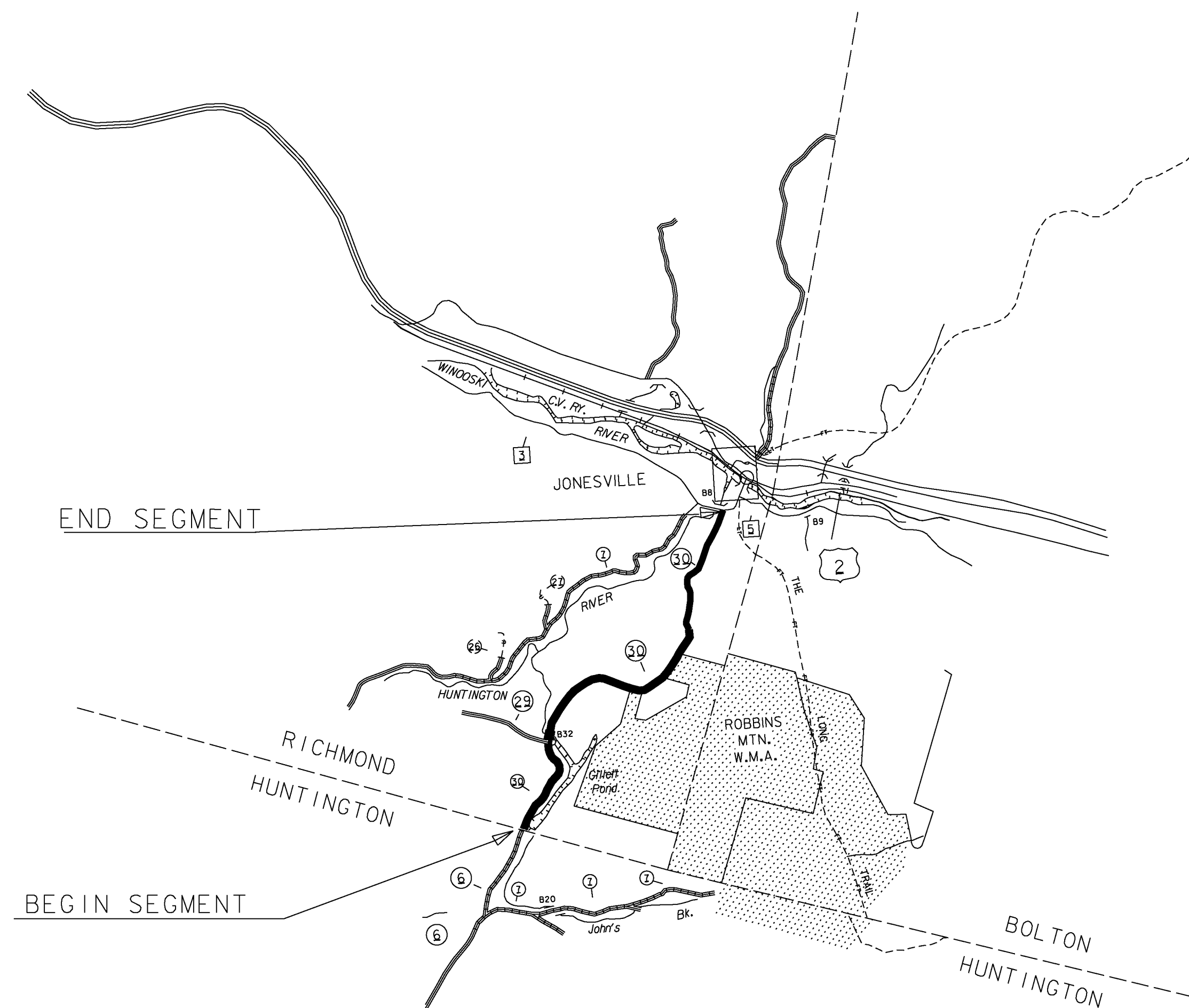
PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	sitemap2.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
SITE MAP SHEET	2
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	9 OF 73

MORETOWN



BEGINNING AT THE INTERSECTION OF MORETOWN MOUNTAIN ROAD (TH-1) AND VT ROUTE 100B IN THE TOWN OF MORETOWN DESIGNATING WHERE THE CENTERLINES OF THESE TWO ROADS INTERSECT AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG MORETOWN MOUNTAIN ROAD (TH-1) FOR A DISTANCE OF 6.260 MILES TO A POINT 0.048 MILES EAST OF POLE # 65 (MM 6.212) TO END THIS SEGMENT OF THE PROJECT.

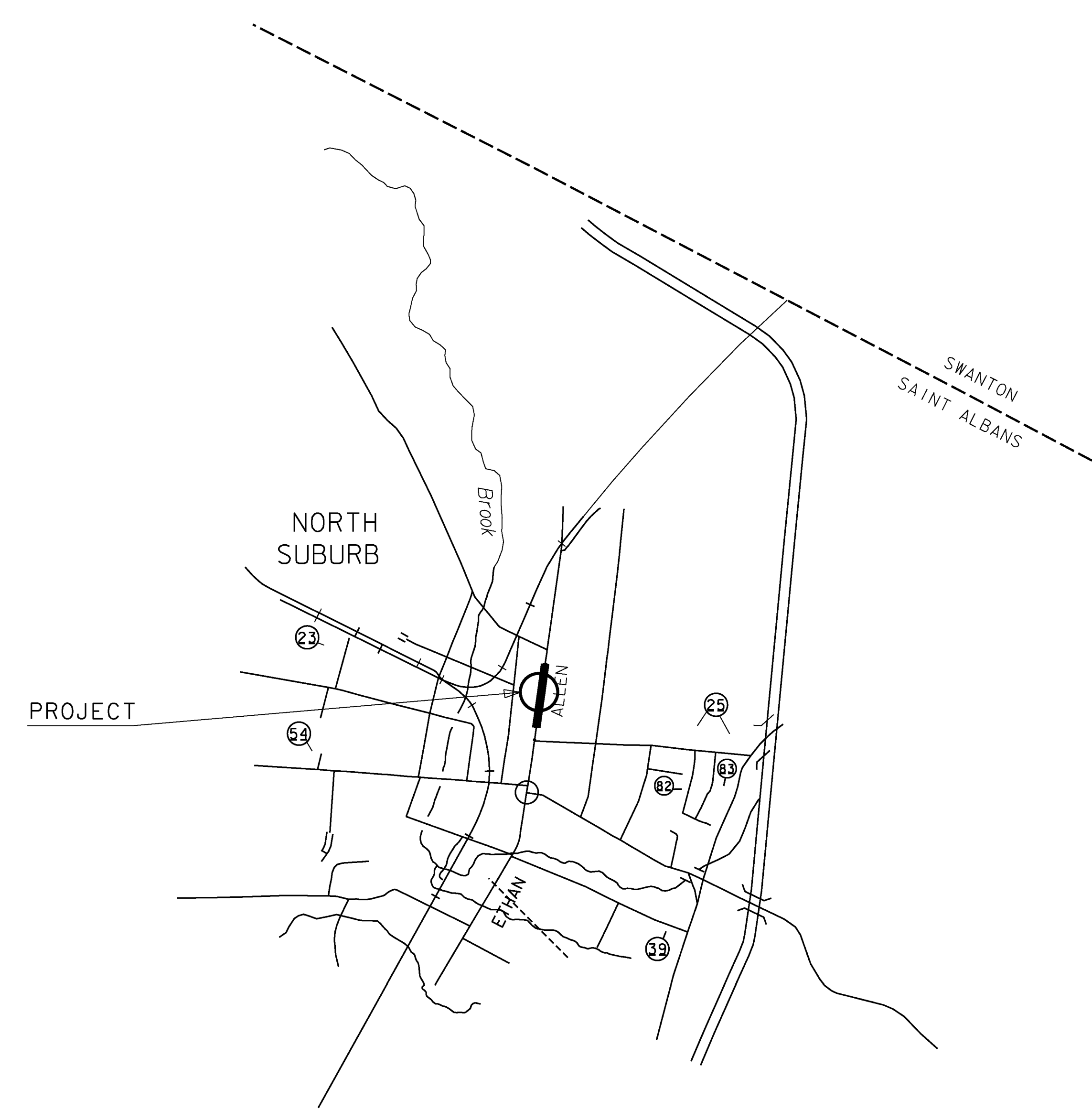
RICHMOND



WORK TO BEGIN 340 FEET SOUTH OF THE RICHMOND HUNTINGTON TOWN LINE ON WES WHITE HILL ROAD (TH-30) IN THE TOWN OF HUNTINGTON. HOWEVER, THIS PROJECT WILL DESIGNATE THE RICHMOND HUNTINGTON TOWN LINE AS MILE MARKER 0.000 AND THE PROJECT WILL EXTEND NORTHERLY ALONG WES WHITE HILL ROAD (TH-30) IN THE TOWN OF RICHMOND FOR 3.100 MILES TO A POINT 0.207 MILES NORTH OF THE CENTERLINE OF PVT DRIVE "JONESVILLE EST." TO END THIS SEGMENT OF THE PROJECT.

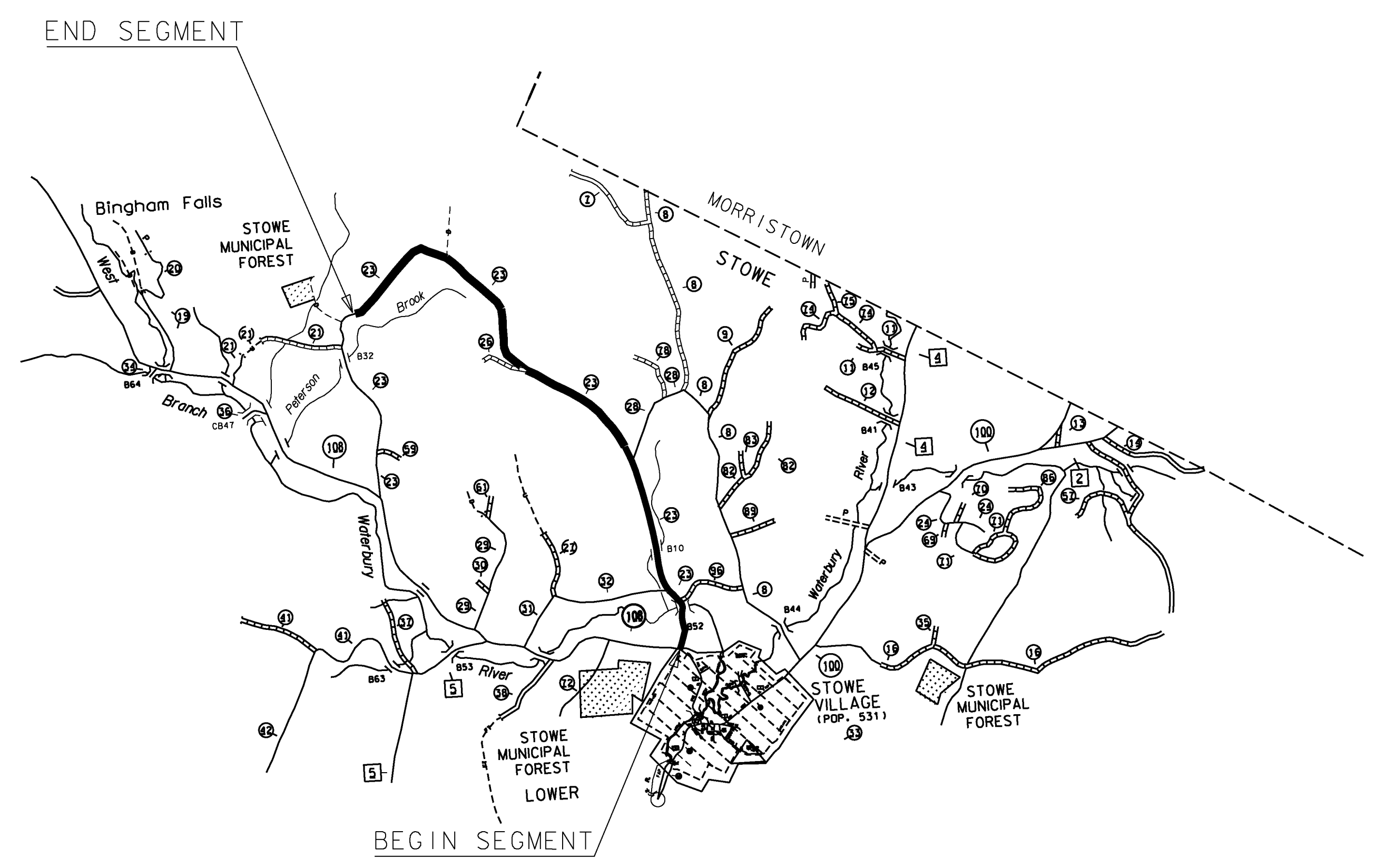
PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	noME#DGN
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
SITE MAP SHEET	3
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	10 OF 73

SAINT ALBANS



DESIGNATING THE INTERSECTION OF US ROUTE 7 (TH-1) AND HOYT ST (TH-137) IN THE CITY OF ST ALBANS AS MILE MARKER 1.48 AND TRAVELING NORTH ALONG US ROUTE 7 (TH-1) TO A POINT 0.079 MILES NORTH OF THE INTERSECTION OF US ROUTE 7 (TH-1) AND HOYT ST (TH-137), TO MILE MARKER 1.559 (SIGNALIZED INTERSECTION OF US ROUTE 7 AND JC PENNEY DRIVE) WHERE THE WORK IS TO BE DONE.

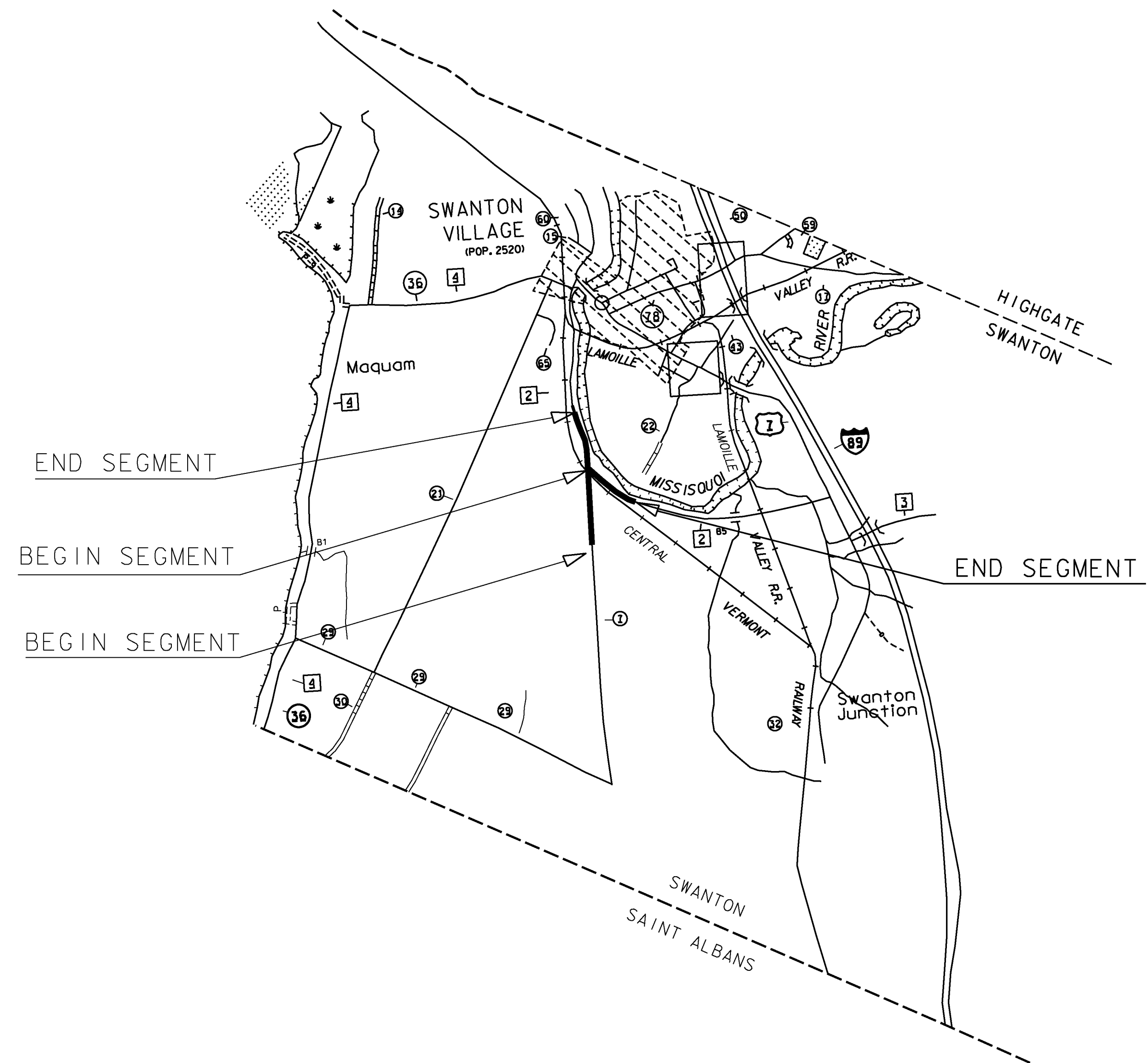
STOWE



BEGINNING AT THE INTERSECTION OF WEEKS HILL ROAD (TH-23) AND VT ROUTE 108 IN THE TOWN OF STOWE AND DESIGNATING WHERE THE CENTERLINES OF EACH OF THESE ROADS INTERSECT AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG WEEKS HILL ROAD (TH-23) FOR A DISTANCE OF 4.142 MILES TO A POINT 0.249 MILES NORTH OF POLE # 53/ 5 1/2 /53 (MM 3.893) TO END THIS SEGMENT OF THE PROJECT.

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	sitemap4.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
SITE MAP SHEET	4
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	11 OF 73

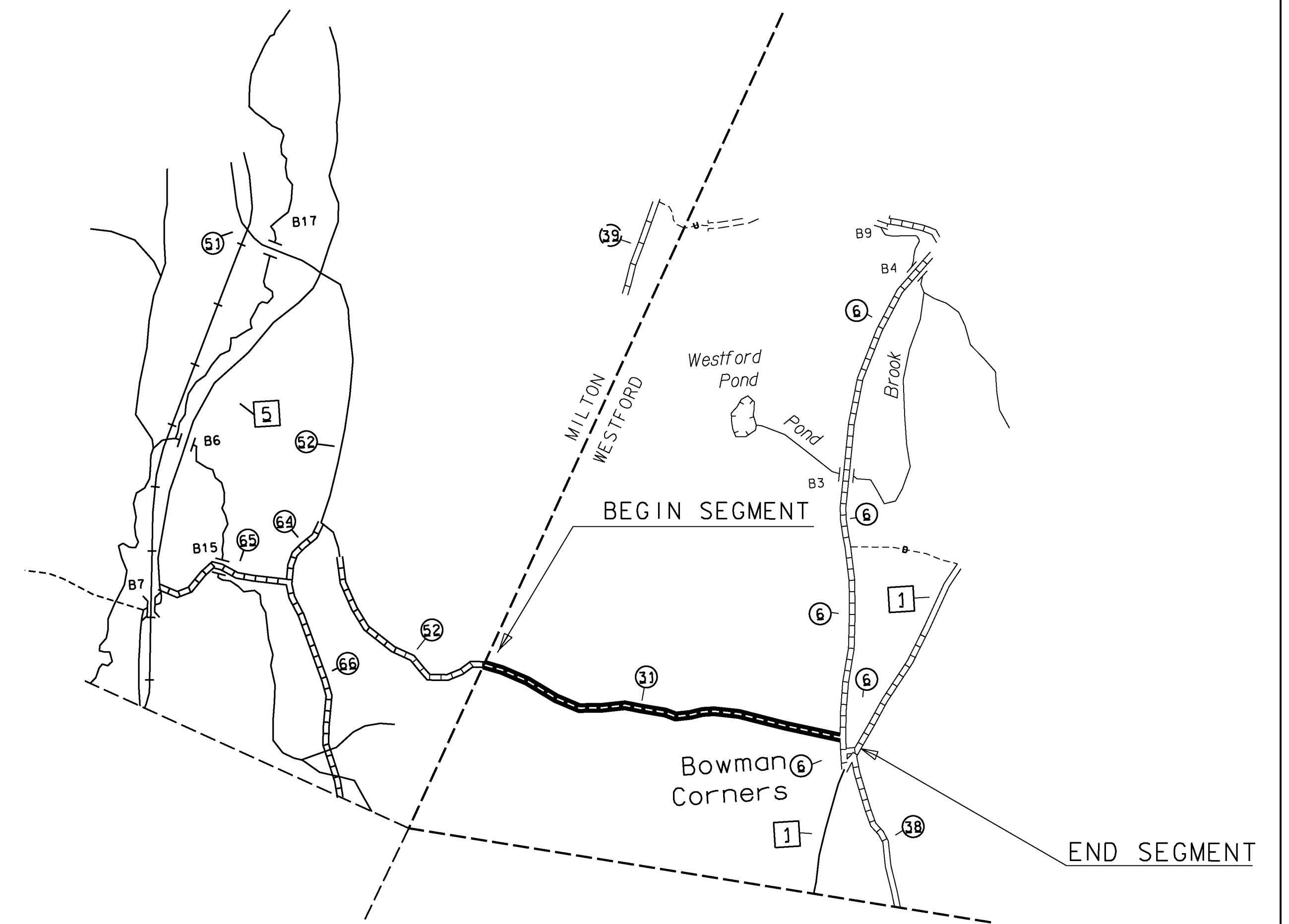
SWANTON



BEGINNING AT MAILBOX # 82 ON COUNTY ROAD (TH-7) IN THE TOWN OF SWANTON, DESIGNATING THIS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG COUNTY ROAD (TH-7) FOR A DISTANCE OF 0.273 MILES TO POLE # 43 (MM 0.273) TO END THIS SEGMENT OF THE PROJECT.

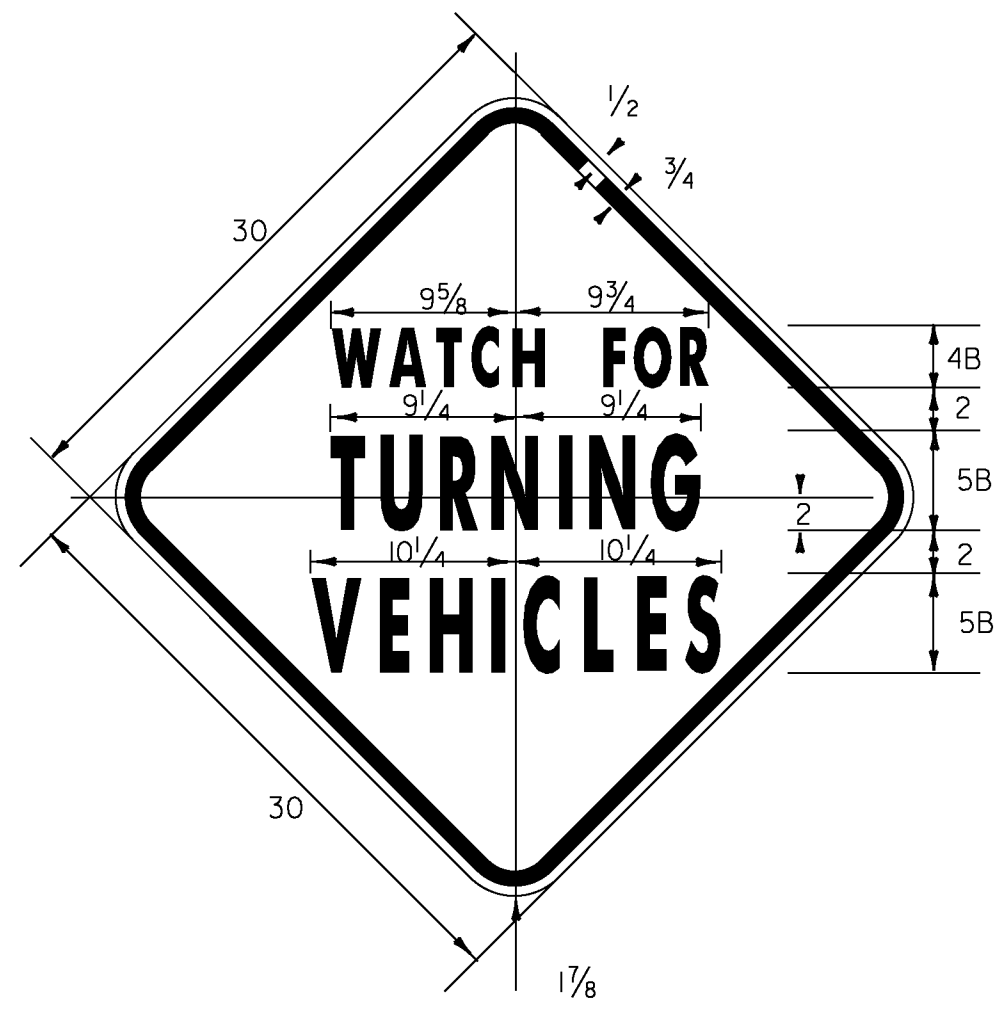
ON ANOTHER ROAD, BEGINNING AT THE INTERSECTION OF COUNTY ROAD (TH-7) AND SOUTH RIVER ROAD (TH-2) IN THE TOWN OF SWANTON, DESIGNATING THE POINT WHERE THE CENTERLINES OF THESE TWO ROADS INTERSECT AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG BEEBE ROAD (TH-2) FOR A DISTANCE OF 0.185 MILES TO A POINT 0.157 MILES EAST OF POLE # 4 /44 /1 (MM 0.028) TO END THIS SEGMENT OF THE PROJECT.

WESTFORD



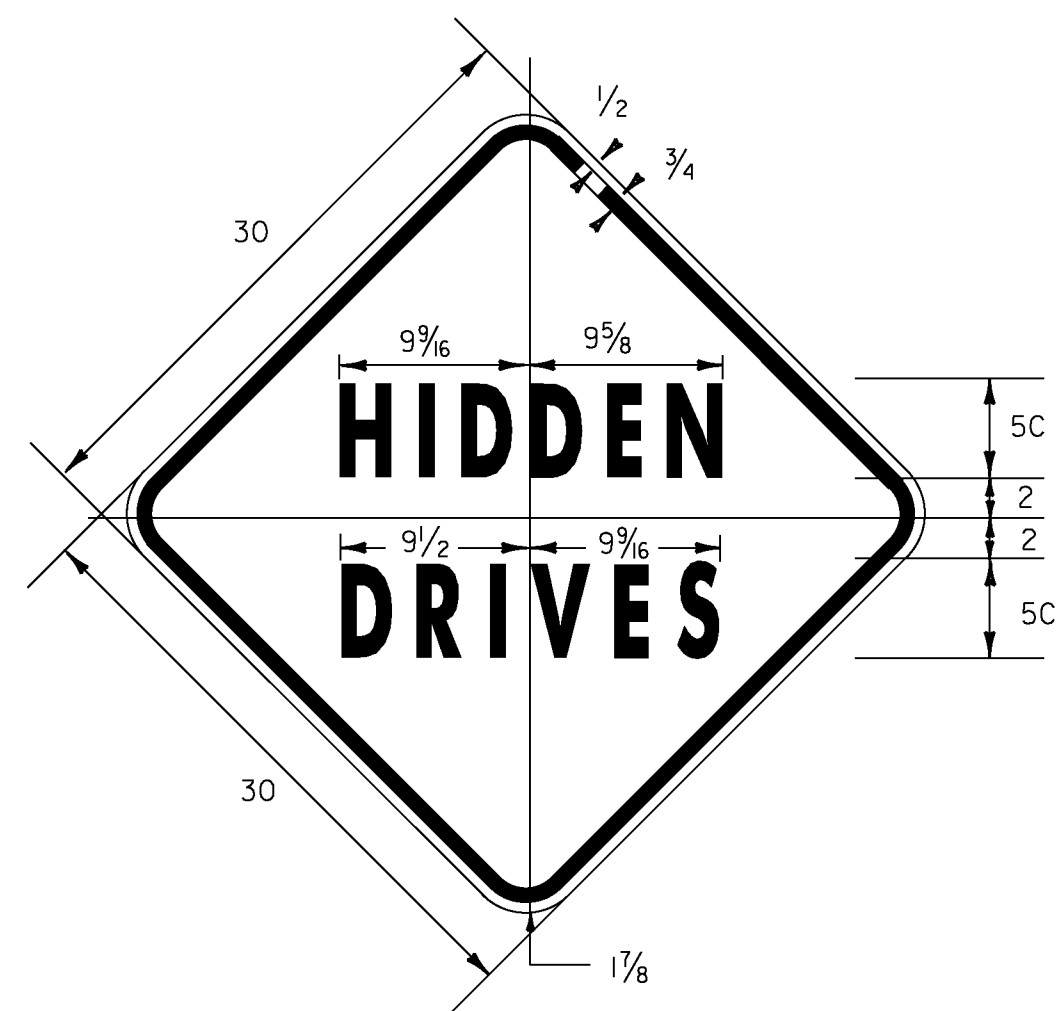
BEGINNING AT THE MILTON WESTFORD TOWN LINE DESIGNATING THIS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG ROLLIN IRISH ROAD (TH-31) IN THE TOWN OF WESTFORD FOR A DISTANCE OF 1.690 MILES TO A POINT 0.580 MILES EAST OF POLE # NET/14 (MM 1.110) TO END THIS SEGMENT OF THE PROJECT.

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR(17)
FILE NAME:	sitemap5.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
SITE MAP SHEET	5
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	12 OF 73



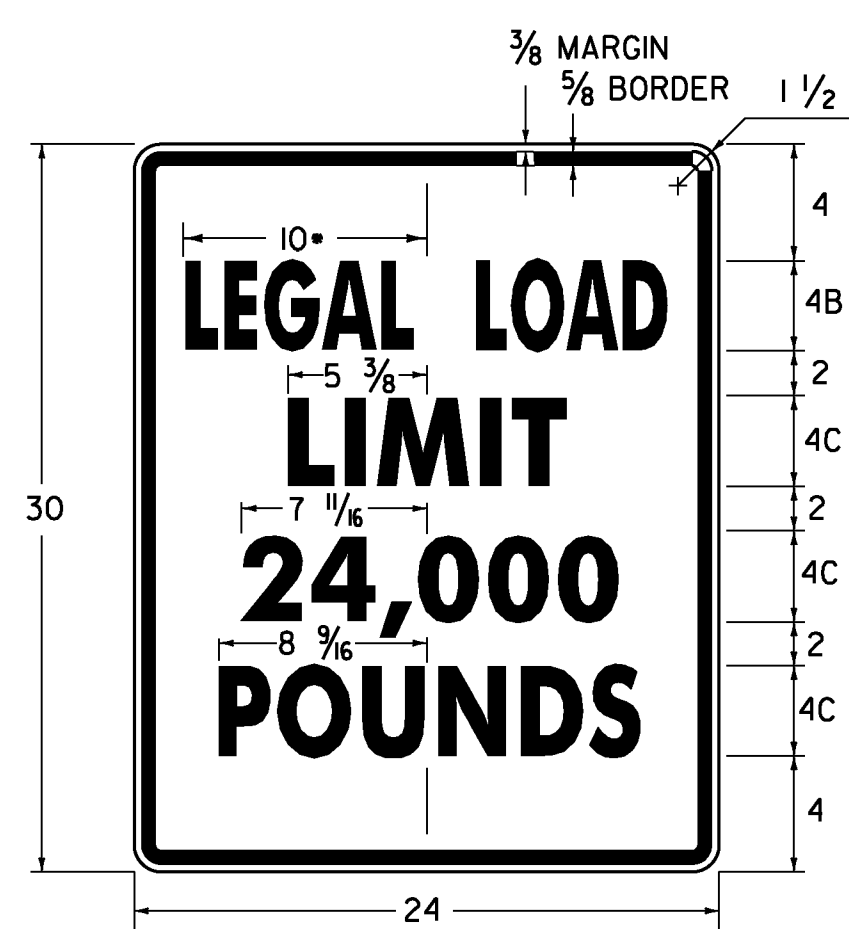
1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
 COLORS: LEGEND - BLACK
 BACKGROUND - YELLOW
 TEXT STYLE: B

VW-205



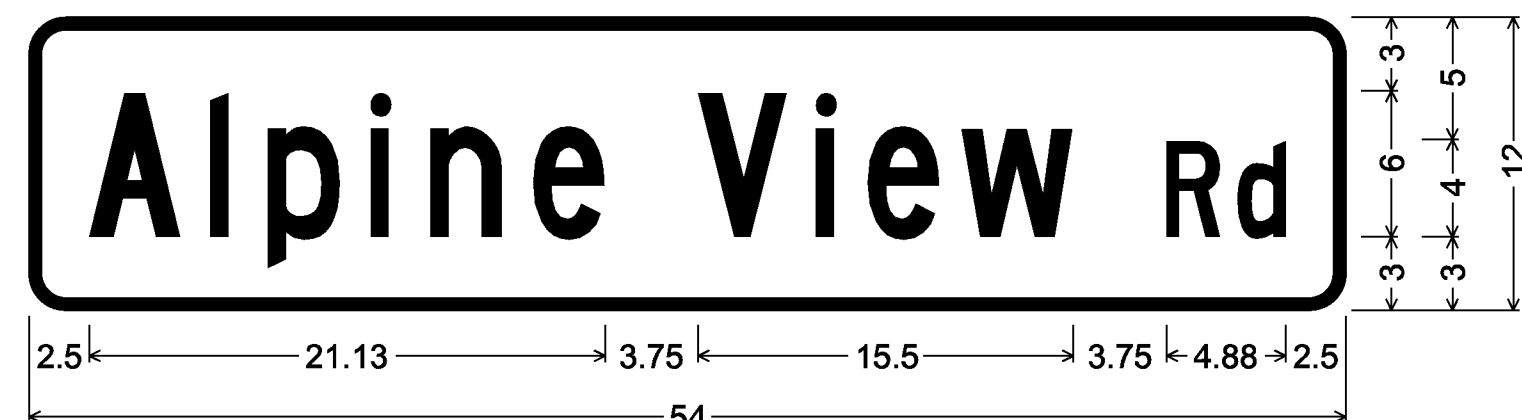
1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
 COLORS: LEGEND - BLACK
 BACKGROUND - YELLOW
 TEXT STYLE: "HIDDEN" C; "DRIVES" C

VW-060



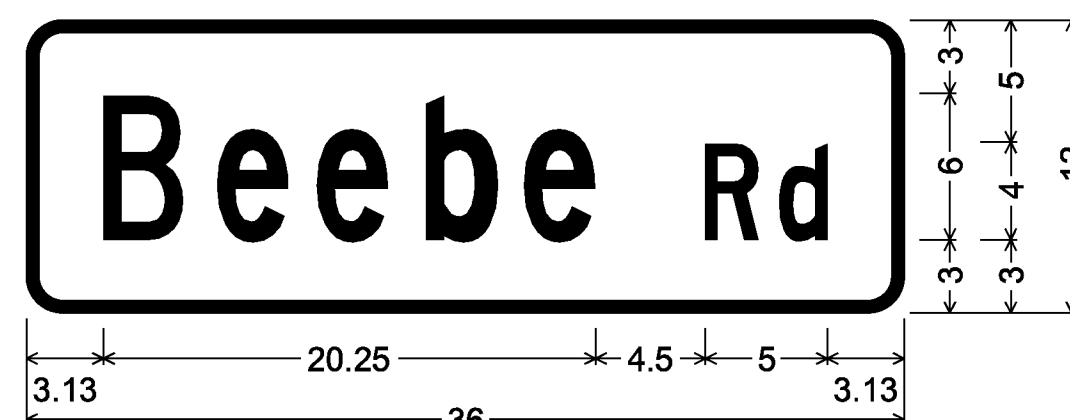
* REDUCE SPACING 50 %
 LINE 3 ALTERNATE - 16,000

VR-017



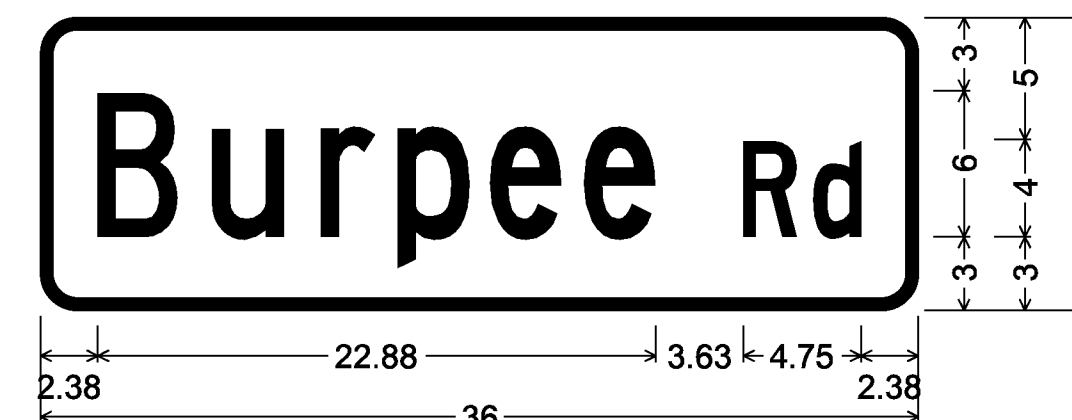
1.50" Radius, 0.50" Border, White on Green;
 [Alpine View Rd] C 85% spacing;

D3-1



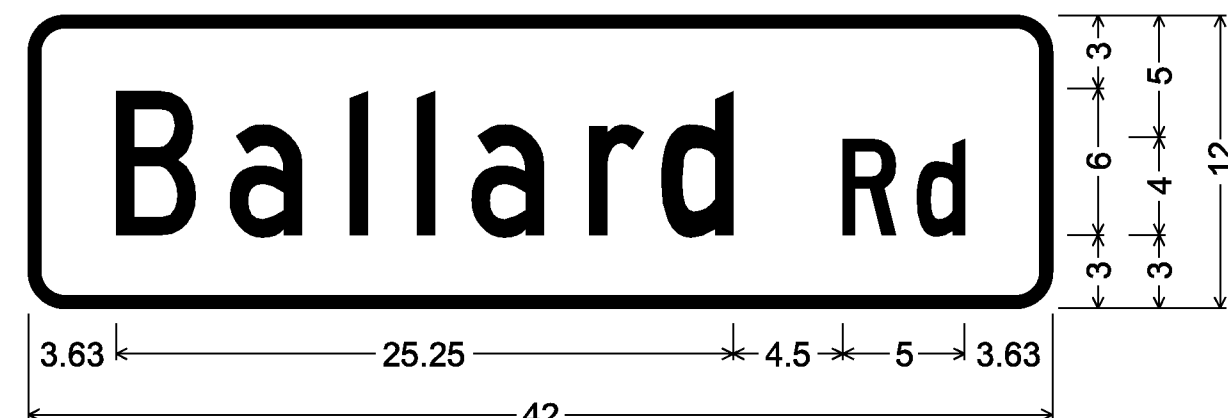
1.50" Radius, 0.50" Border, White on Green;
 [Beebe Rd] C;

D3-1



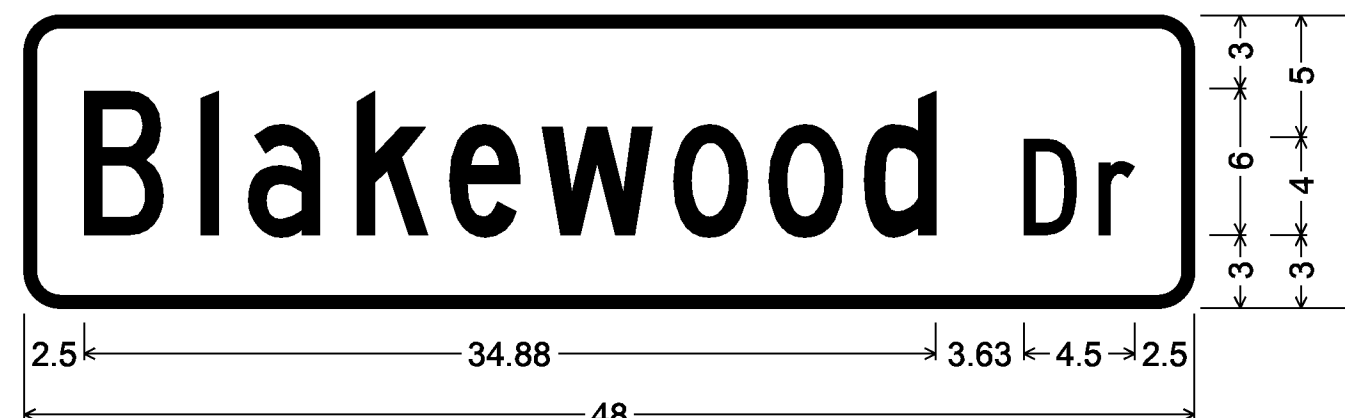
1.50" Radius, 0.50" Border, White on Green;
 [Burpee Rd] C 80% spacing;

D3-1



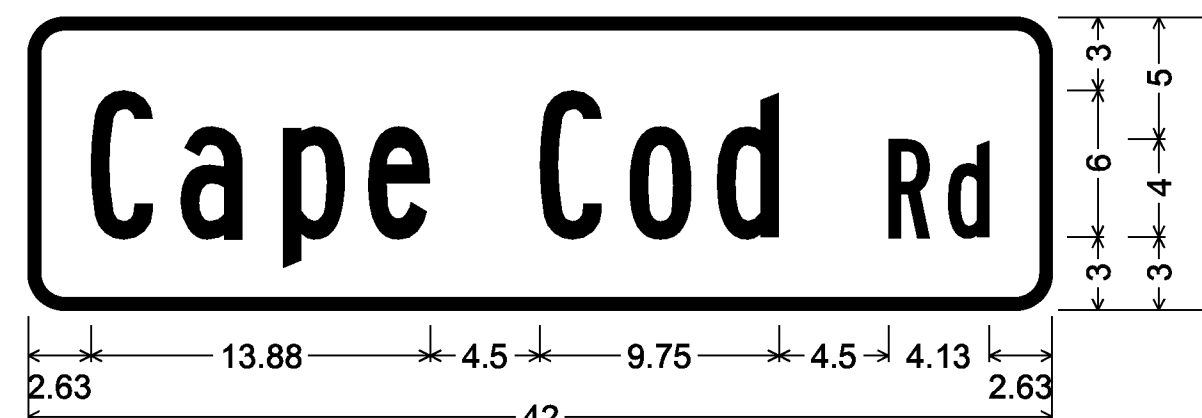
1.50" Radius, 0.50" Border, White on Green;
 [Ballard Rd] C;

D3-1



1.50" Radius, 0.50" Border, White on Green;
 [Blakewood Dr] C 80% spacing;

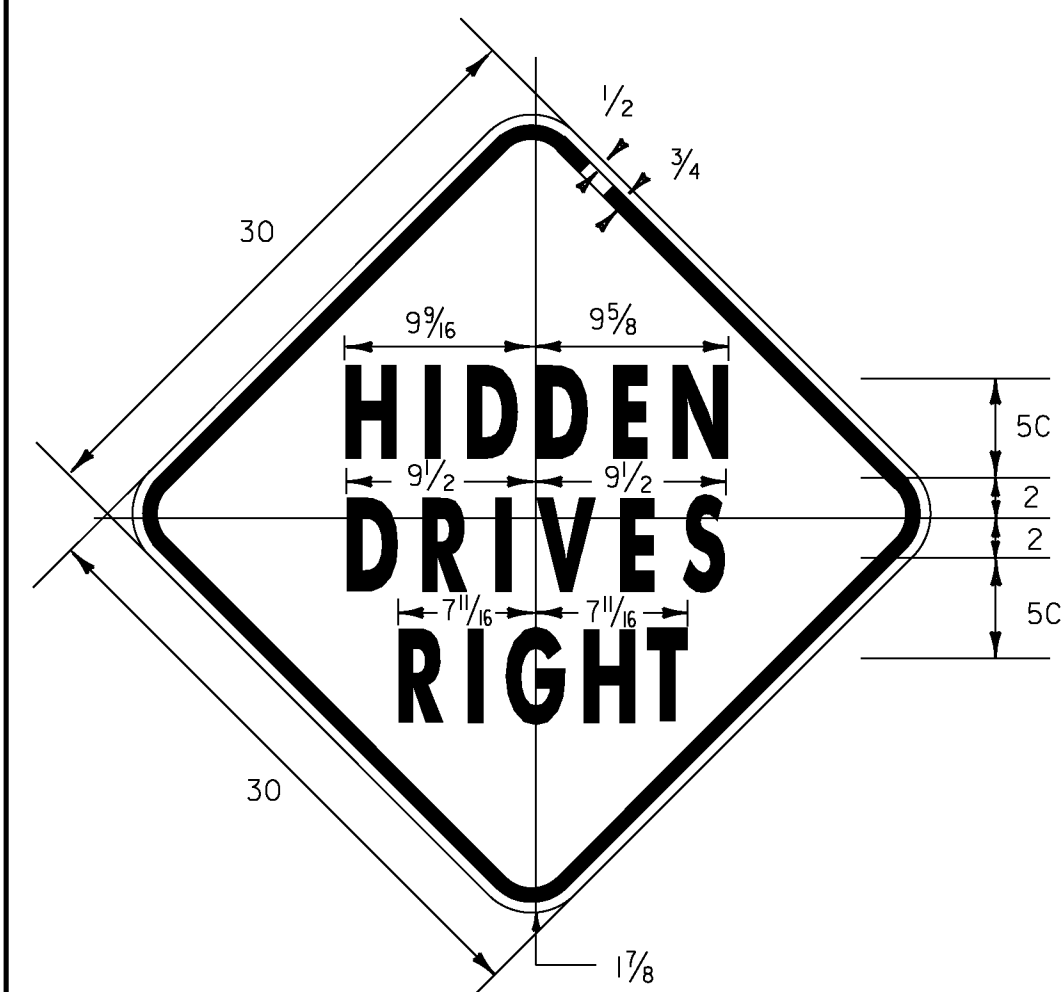
D3-1



1.50" Radius, 0.50" Border, White on Green;
 [Cape Cod Rd] B;

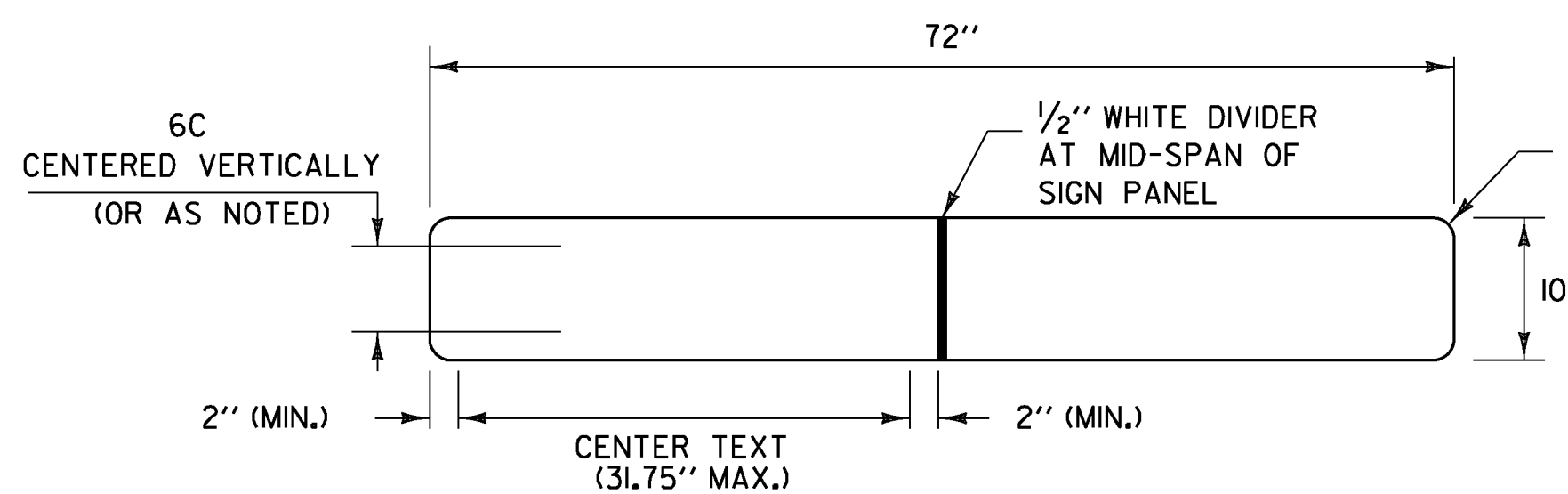
D3-1

NOTE:
 D3-1 SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN

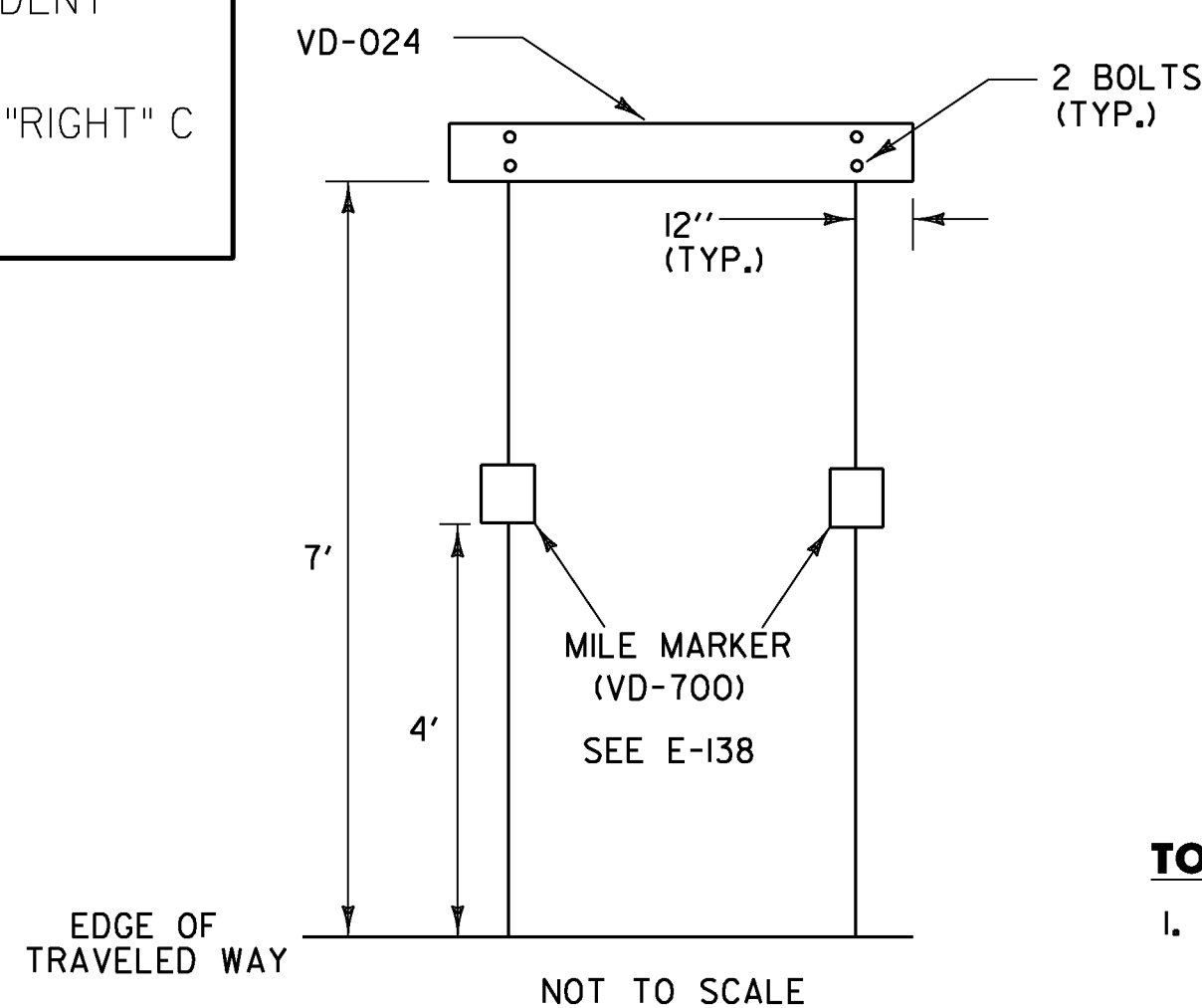


1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
 COLORS: LEGEND - BLACK
 BACKGROUND - YELLOW
 TEXT STYLE: "HIDDEN" C; "DRIVES" C; "RIGHT" C

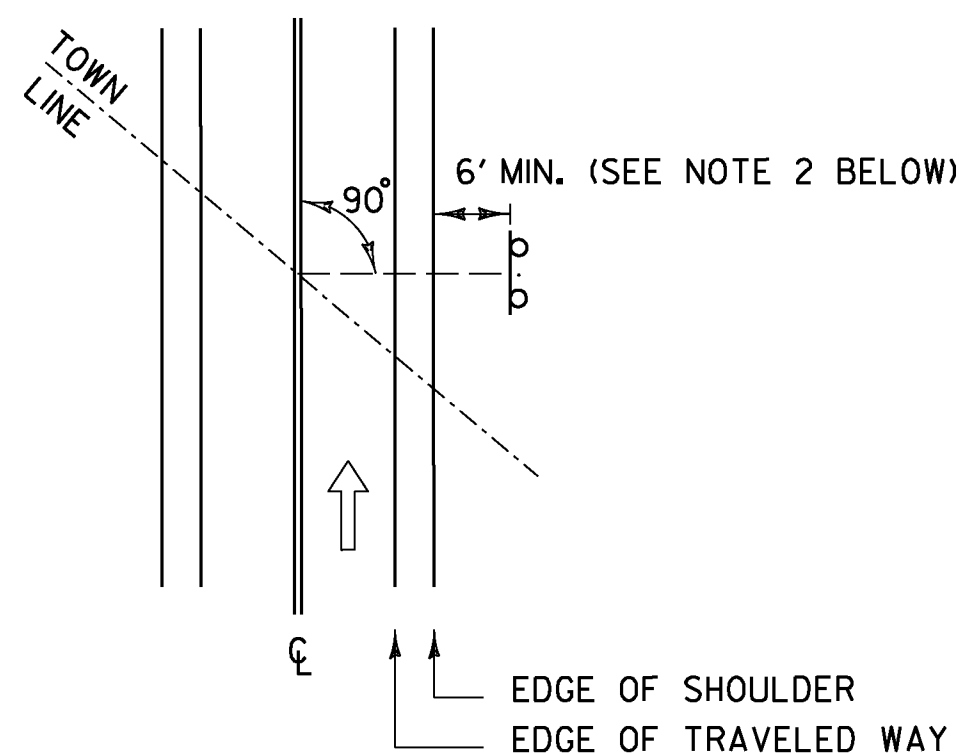
VW-054



VD-024 / VD-025



WHEN CROSSING COUNTY BOUNDARIES, AN ADDITIONAL COUNTY LINE SIGN (VD-025) SHALL BE MOUNTED BELOW THE TOWN LINE SIGN (VD-024), MAINTAINING A SEVEN FOOT CLEARANCE.



TOWN /COUNTY LINE (VD-024 /VD-025) INSTALLATION:

1. THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY, NORMALLY ON THE RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.
2. FOR POST-MOUNTED SIGNS, THE MINIMUM LATERAL OFFSET SHOULD BE 12 FEET FROM THE EDGE OF THE TRAVELED WAY. IF A SHOULDER WIDER THAN 6 FEET EXISTS, THE MINIMUM LATERAL OFFSET FOR POST-MOUNTED SIGNS SHOULD BE 6 FEET FROM THE EDGE OF SHOULDER.

TOWN /COUNTY LINE SIGN NOTES:

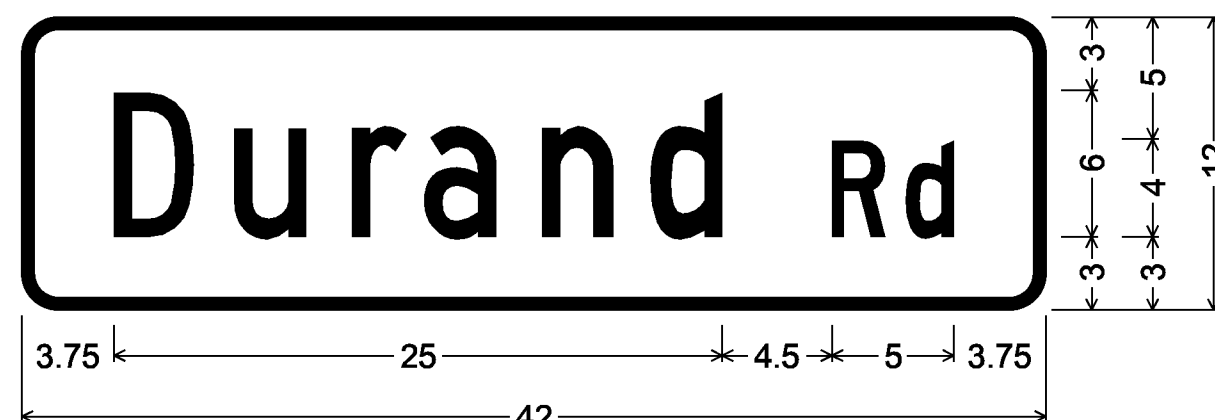
1. THE SIGN BASE MATERIAL SHALL BE SHEET ALUMINUM WITH A 0.025" MINIMUM THICKNESS.
2. THE RETROREFLECTIVE MATERIAL SHALL BE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE LEGEND SHALL BE CUT-OUT RETROREFLECTIVE LEGEND. ALL RETROREFLECTIVE MATERIAL SHALL BE EQUAL TO OR EXCEEDING THE "THE AMERICAN SOCIETY OF TESTING AND MATERIALS" (ASTM D 4956) TYPE III.
3. SIGNS SHALL HAVE A WHITE LEGEND ON A GREEN BACKGROUND.
4. LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.
5. SIGNS SHALL BE FABRICATED IN UPPER/LOWER CASE TEXT AS SHOWN IN SIGN DETAIL. ALL TEXT ON AN INDIVIDUAL SIGN SHALL BE OF THE SAME SIZE AND FONT.
6. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.
7. WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN/COUNTY NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENT.
8. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR (17)
FILE NAME:	signdetall.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
PROJECT SIGN DETAIL SHEET 1	
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	13 OF 73



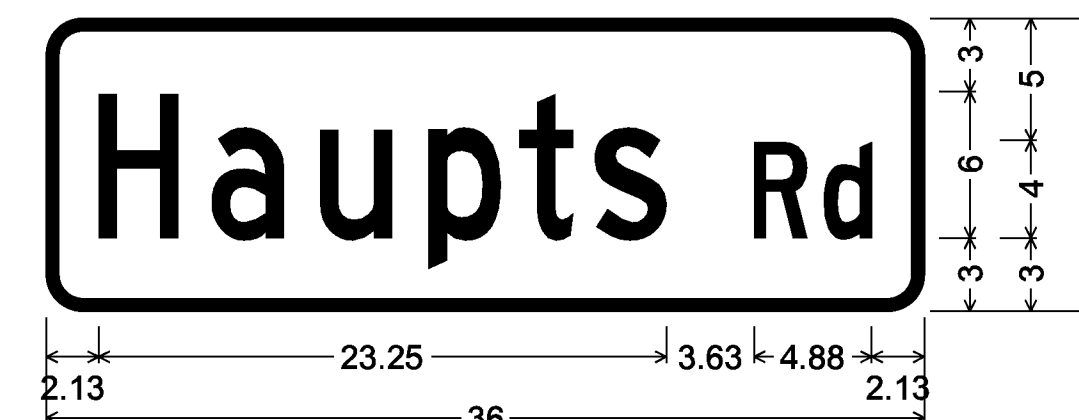
1.50" Radius, 0.50" Border, White on Green;
[Cochran Rd] C 98% spacing;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Durand Rd] C;

D3-1



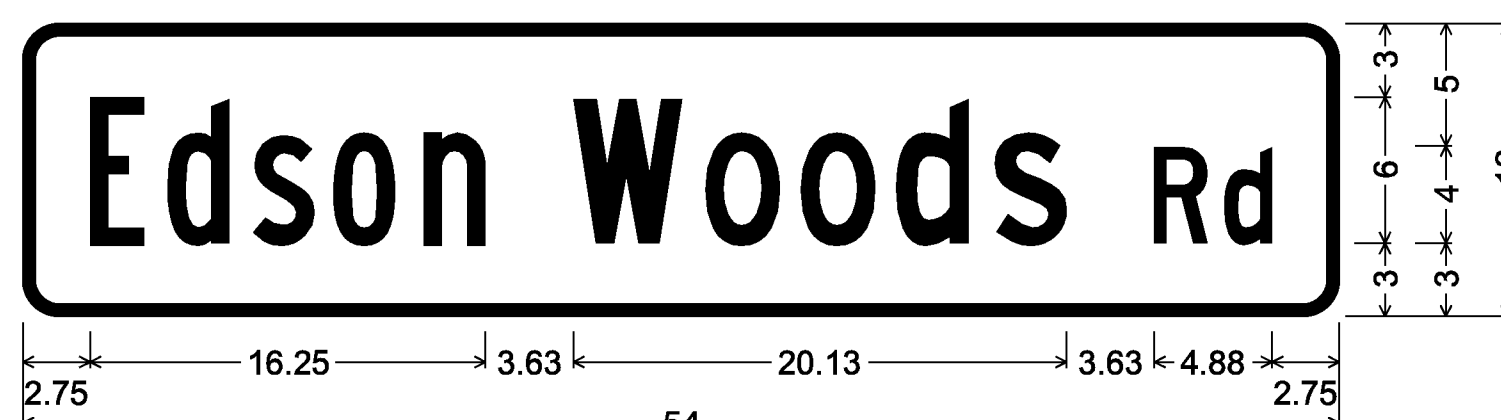
1.50" Radius, 0.50" Border, White on Green;
[Haptops Rd] C 80% spacing;

D3-1



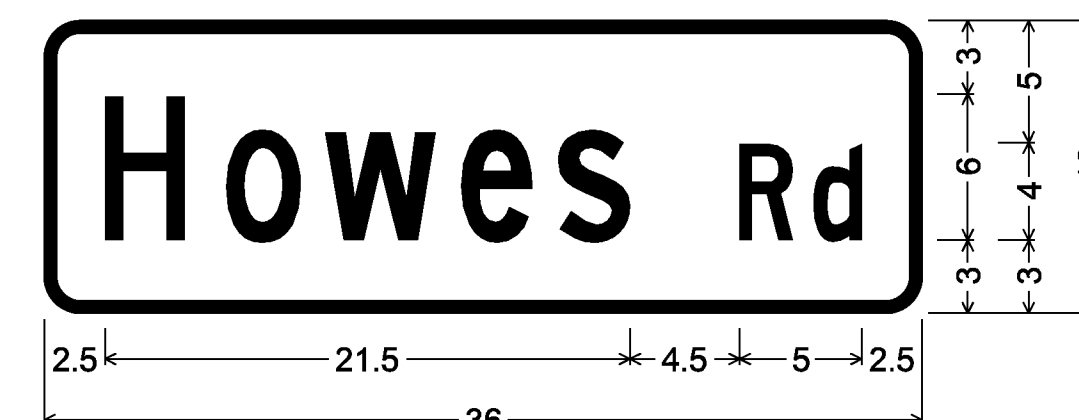
1.50" Radius, 0.50" Border, White on Green;
[Congdon Rd] C 80% spacing;

D3-1



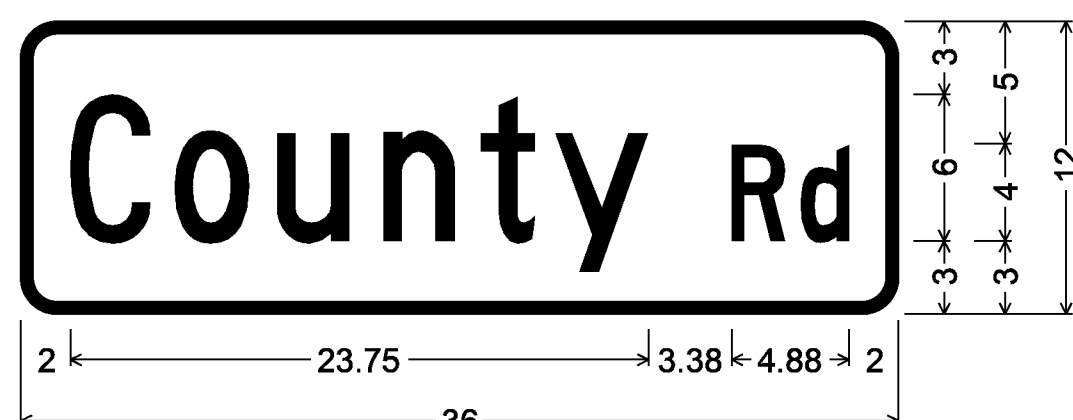
1.50" Radius, 0.50" Border, White on Green;
[Edson] B [Woods Rd] C 80% spacing;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Howes Rd] C;

D3-1



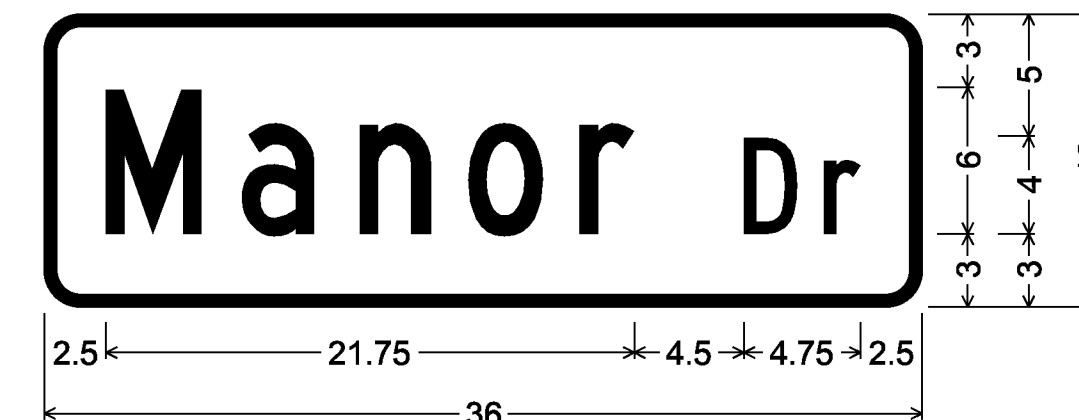
1.50" Radius, 0.50" Border, White on Green;
[County Rd] C 76% spacing;

D3-1



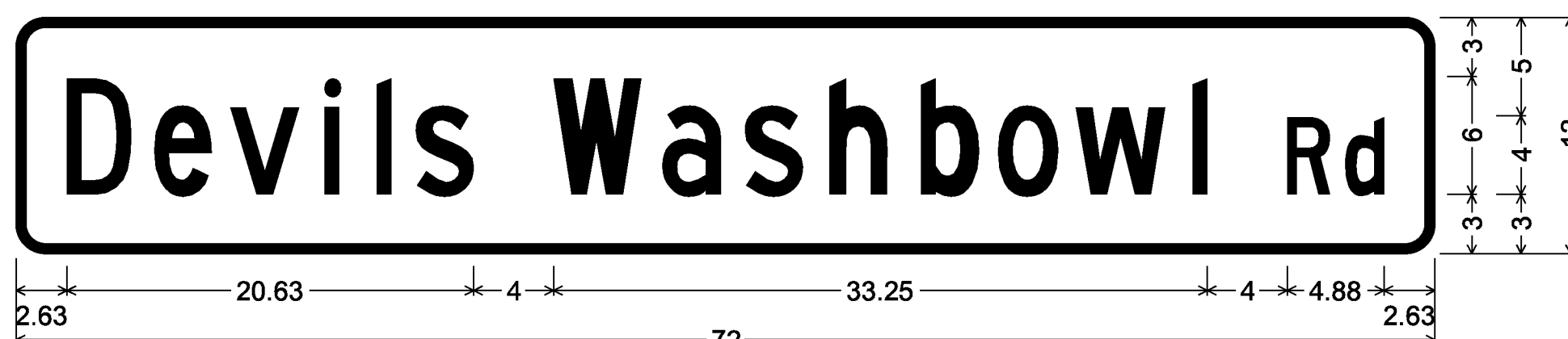
1.50" Radius, 0.50" Border, White on Green;
[Fontaine Dr] C 80% spacing;

D3-1



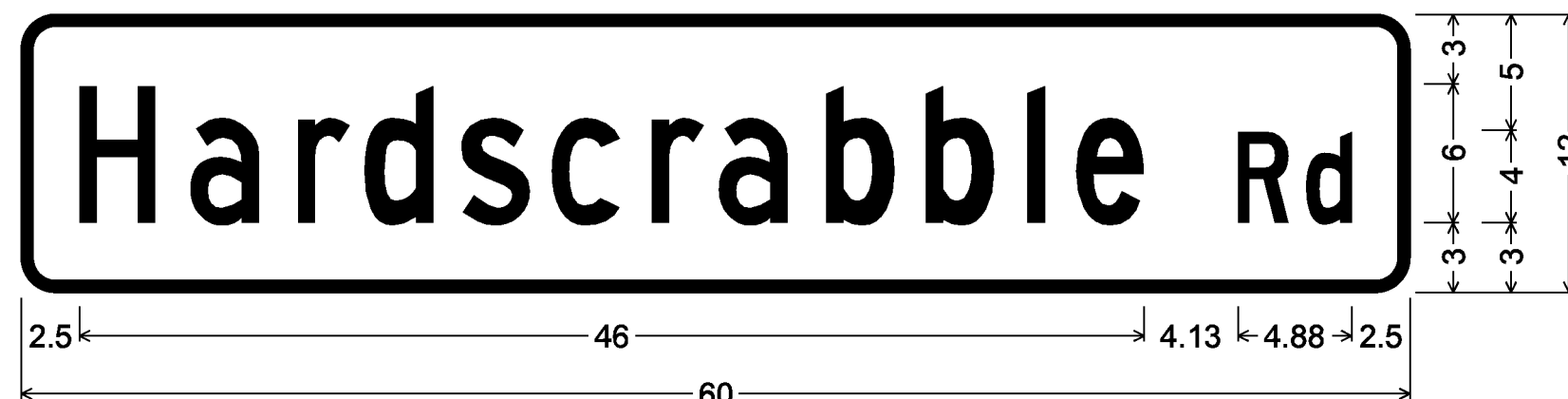
1.50" Radius, 0.50" Border, White on Green;
[Manor Dr] C;

D3-1



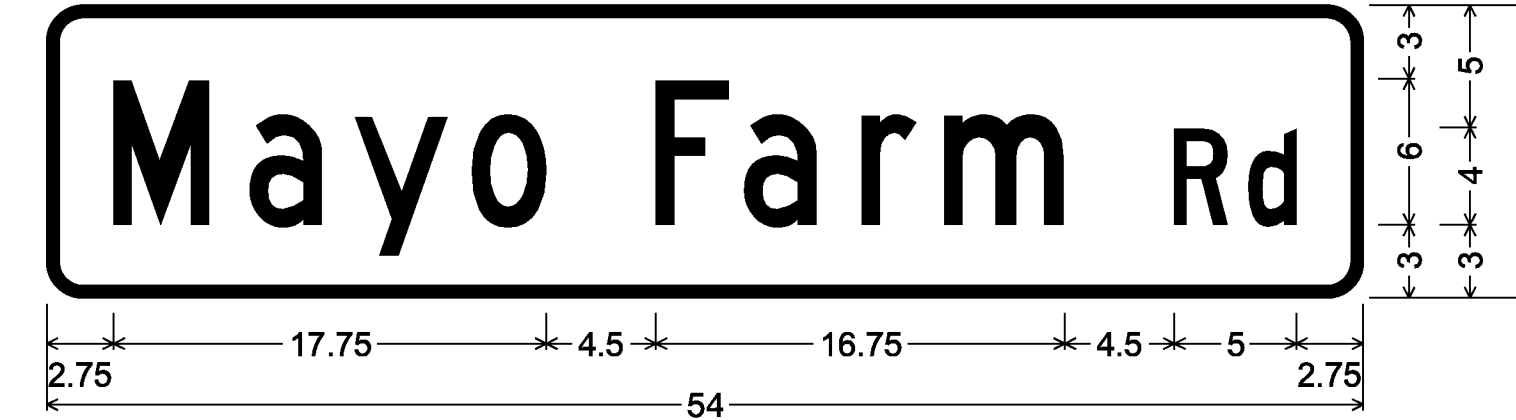
1.50" Radius, 0.50" Border, White on Green;
[Devils Washbowl Rd] C 90% spacing;

D3-1



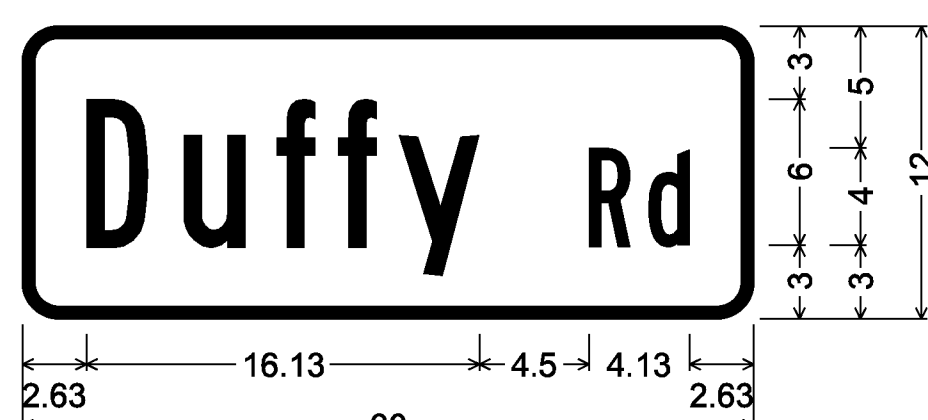
1.50" Radius, 0.50" Border, White on Green;
[Hardscrabble Rd] C 90% spacing;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Mayo Farm Rd] C;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Duffy Rd] B;

D3-1

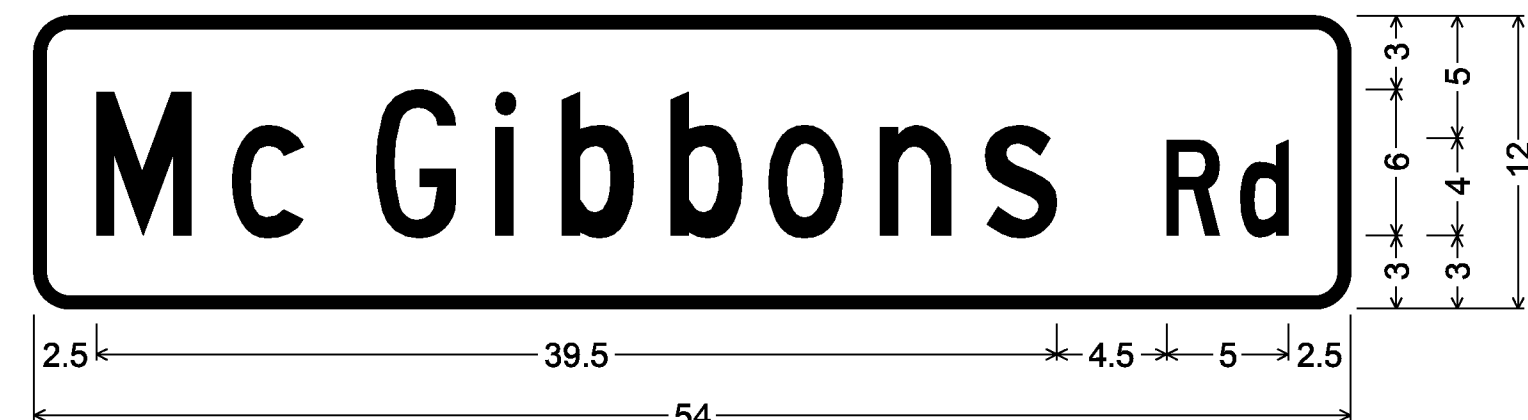


1.50" Radius, 0.50" Border, White on Green;
[Hathaway Rd] C;

D3-1

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR (I7)
FILE NAME:	signdet012.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
PROJECT SIGN DETAIL SHEET 2	PLOT DATE: 1/22/2014
	DRAWN BY: N. PATTIS
	CHECKED BY: B. GROSE
	SHEET 14 OF 73

NOTE:
D3-1 SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN



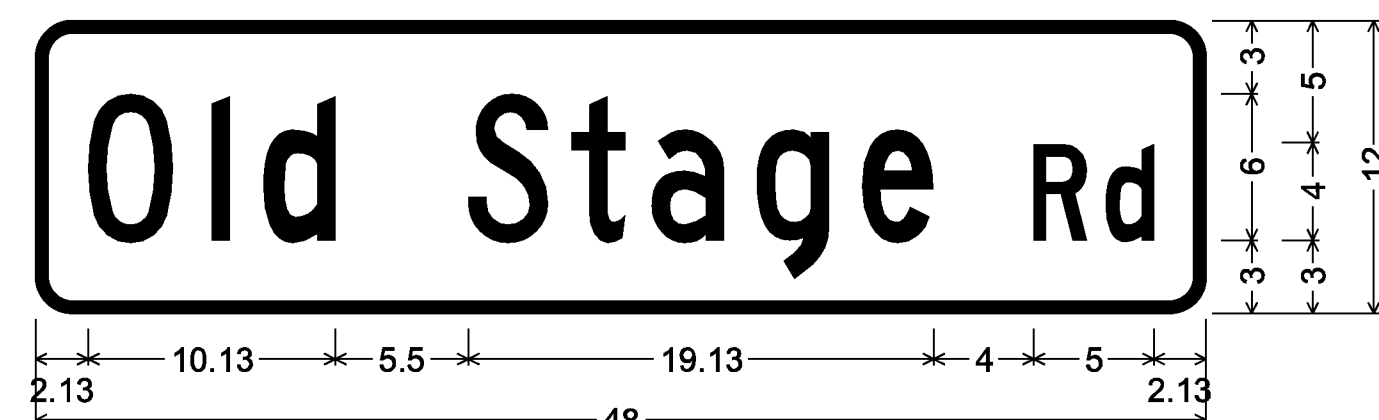
1.50" Radius, 0.50" Border, White on Green;
[McGibbons Rd] C;

D3-1



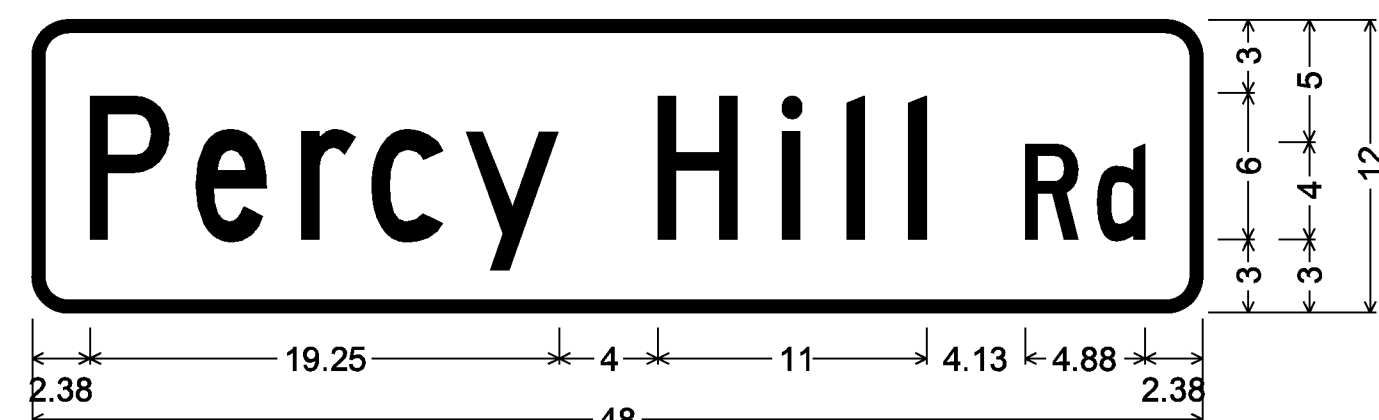
1.50" Radius, 0.50" Border, White on Green;
[Moretown Common Rd] B;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Old Stage Rd] C 91% spacing;

D3-1



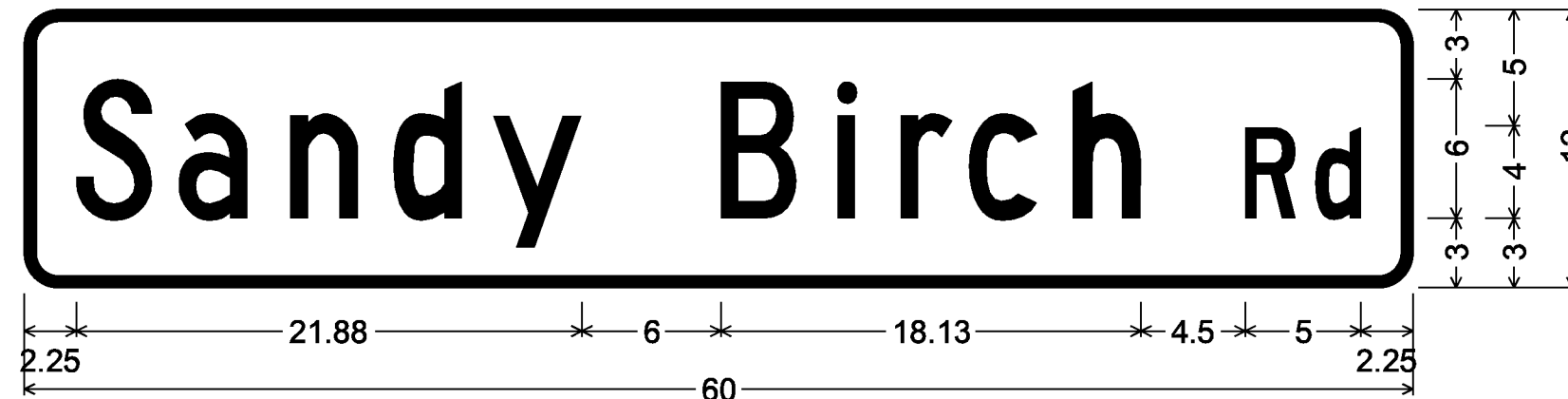
1.50" Radius, 0.50" Border, White on Green;
[Percy Hill Rd] C 90% spacing;

D3-1



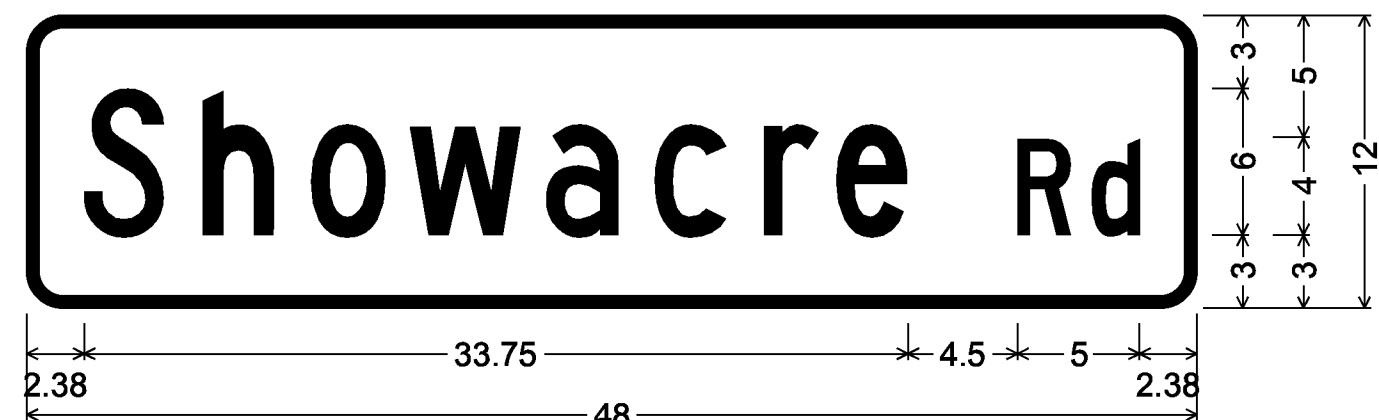
1.50" Radius, 0.50" Border, White on Green;
[Rollin Irish Rd] C 90% spacing;

D3-1



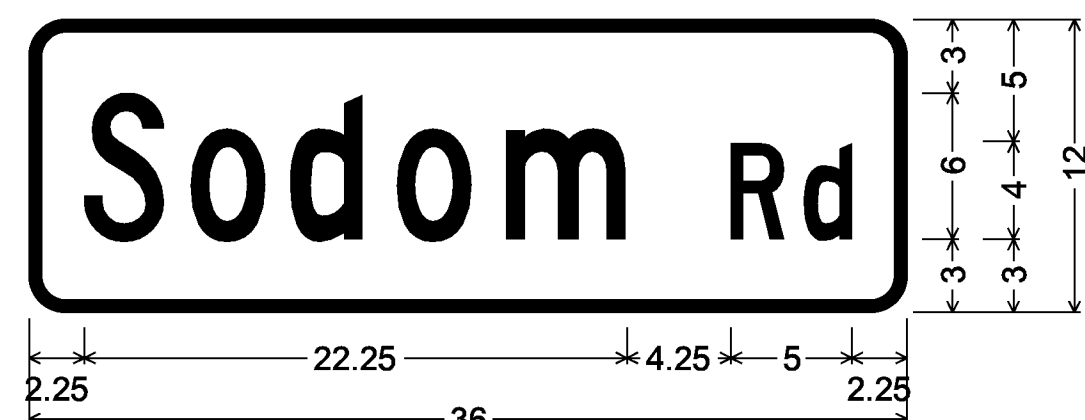
1.50" Radius, 0.50" Border, White on Green;
[Sandy Birch Rd] C;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Showacre Rd] C;

D3-1



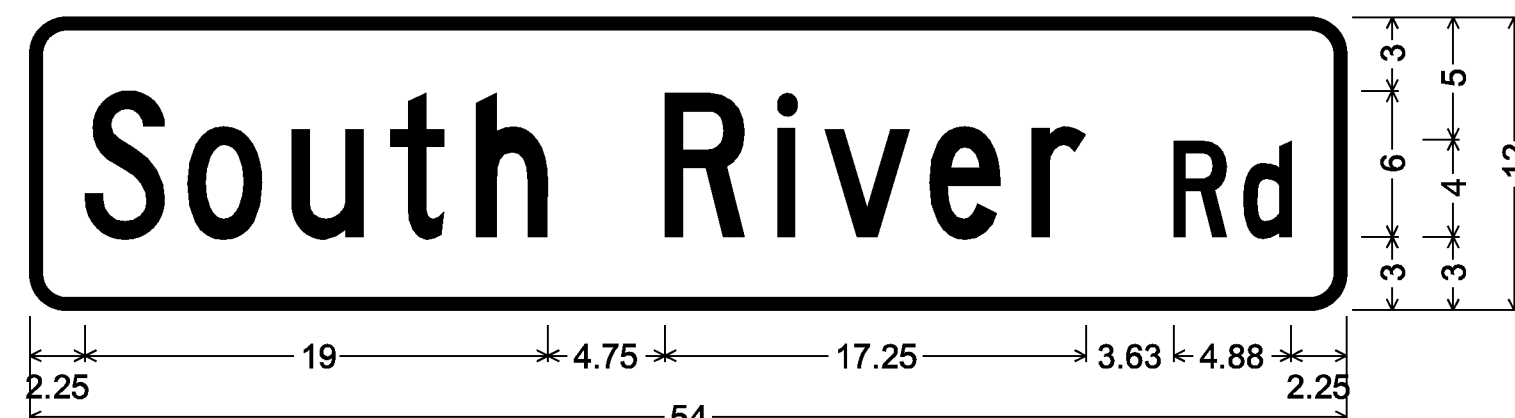
1.50" Radius, 0.50" Border, White on Green;
[Sodom Rd] C 95% spacing;

D3-1



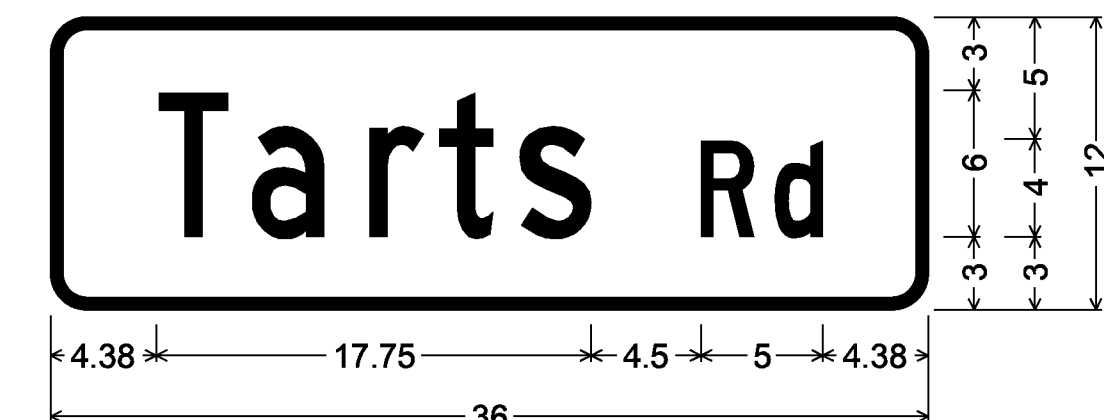
1.50" Radius, 0.50" Border, White on Green;
[South Hill Rd] C;

D3-1



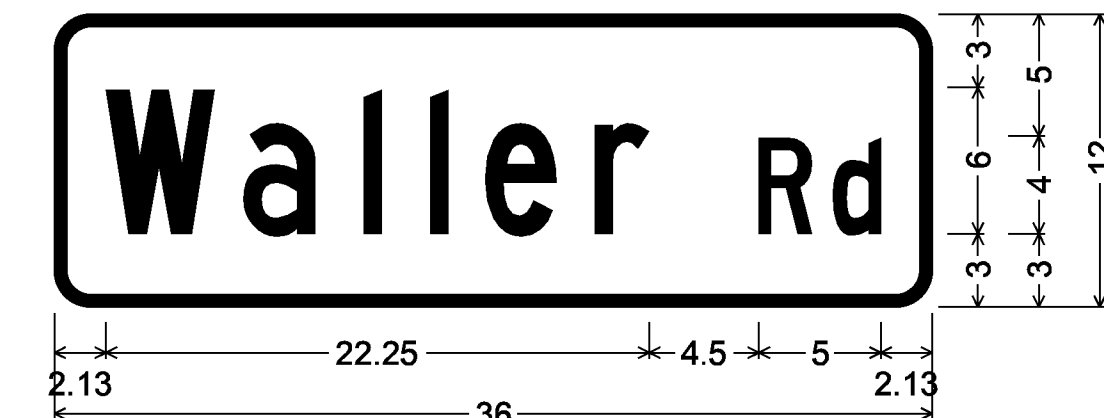
1.50" Radius, 0.50" Border, White on Green;
[South River Rd] C 80% spacing;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Tarts Rd] C;

D3-1



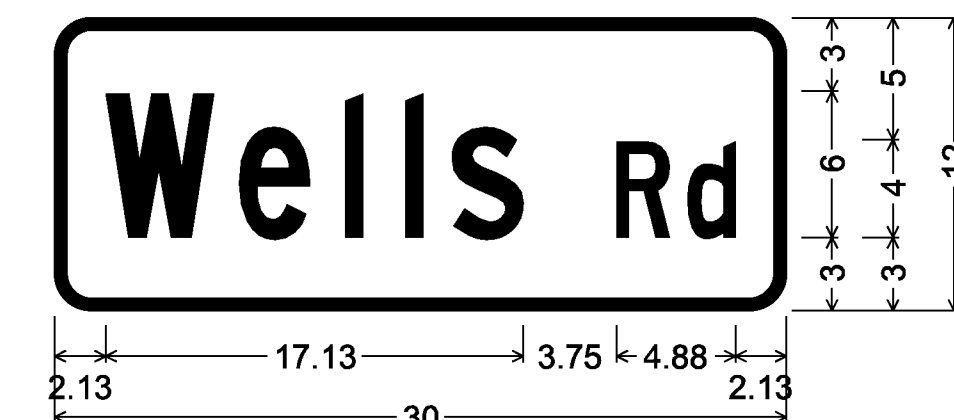
1.50" Radius, 0.50" Border, White on Green;
[Waller Rd] C;

D3-1



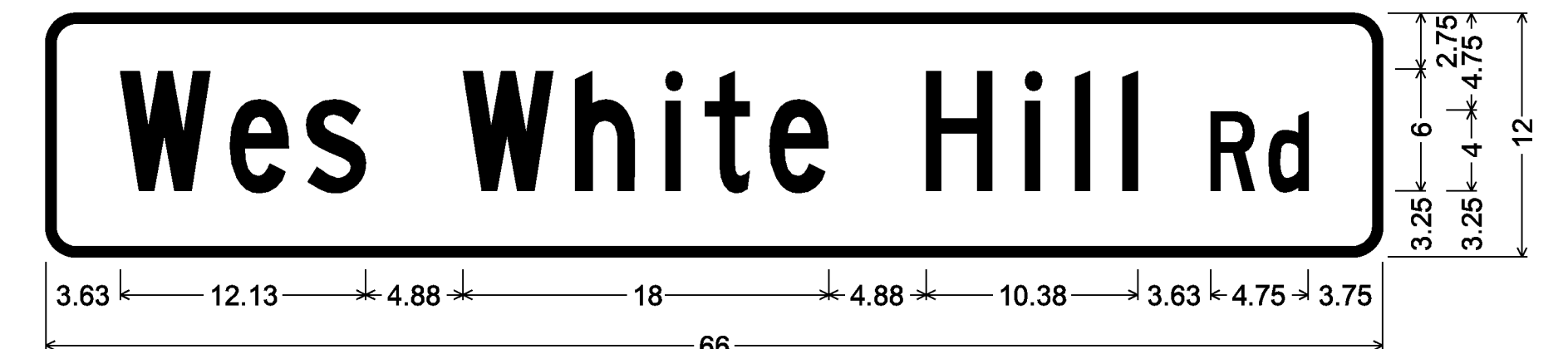
1.50" Radius, 0.50" Border, White on Green;
[Weeks Hill Rd] C 80% spacing;

D3-1



1.50" Radius, 0.50" Border, White on Green;
[Wells Rd] C 85% spacing;

D3-1

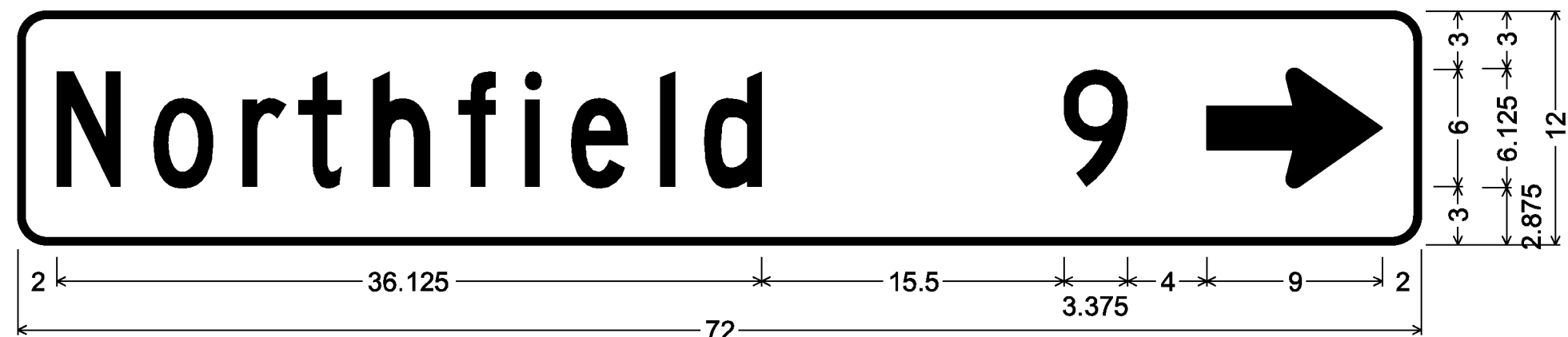


1.50" Radius, 0.50" Border, White on Green;
[Wes White Hill Rd] C 80% spacing;

D3-1

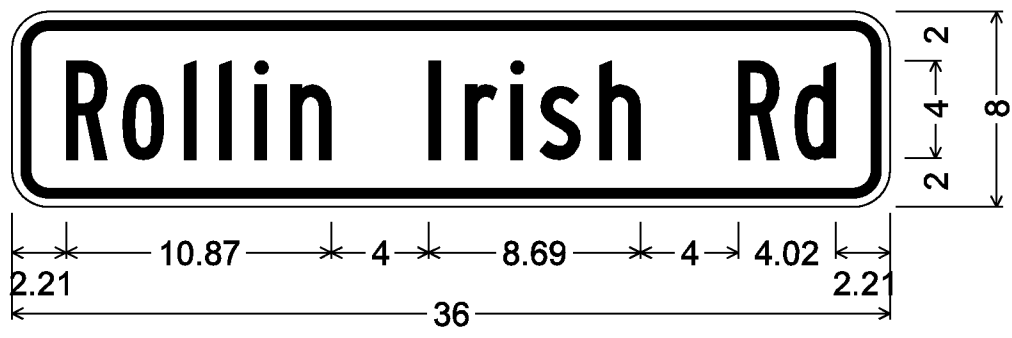
PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR (17)
FILE NAME:	signedtot13.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
PROJECT SIGN DETAIL SHEET	3
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	15 OF 73

NOTE:
D3-1 SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN

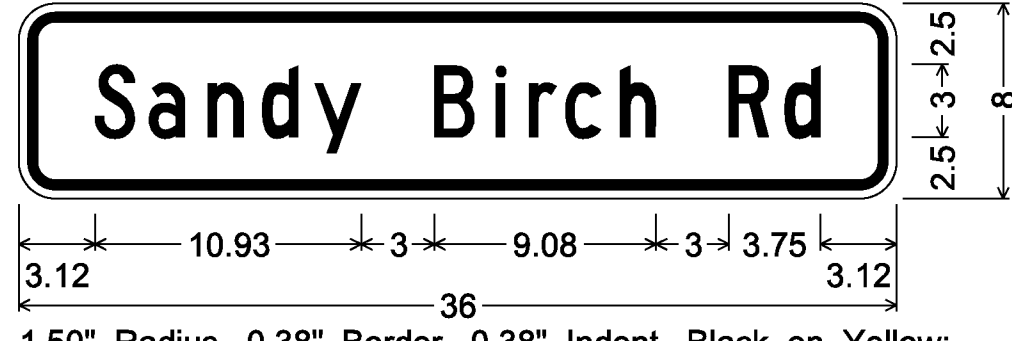


1.500" Radius, 0.375" Border, White on Green;
 [Northfield] C; [9] C; Standard Arrow Custom 9.000" X 6.125" 0°;

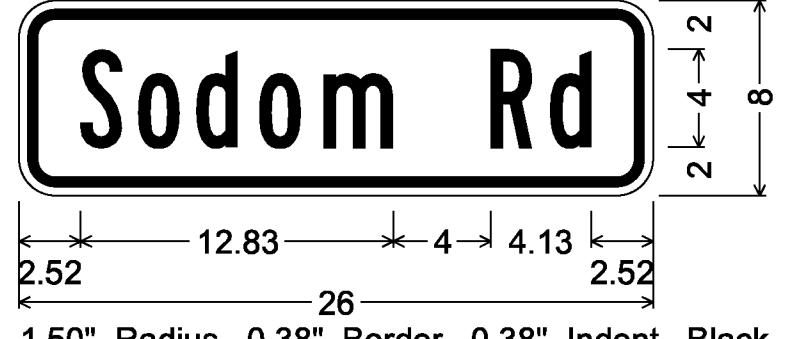
D1-1



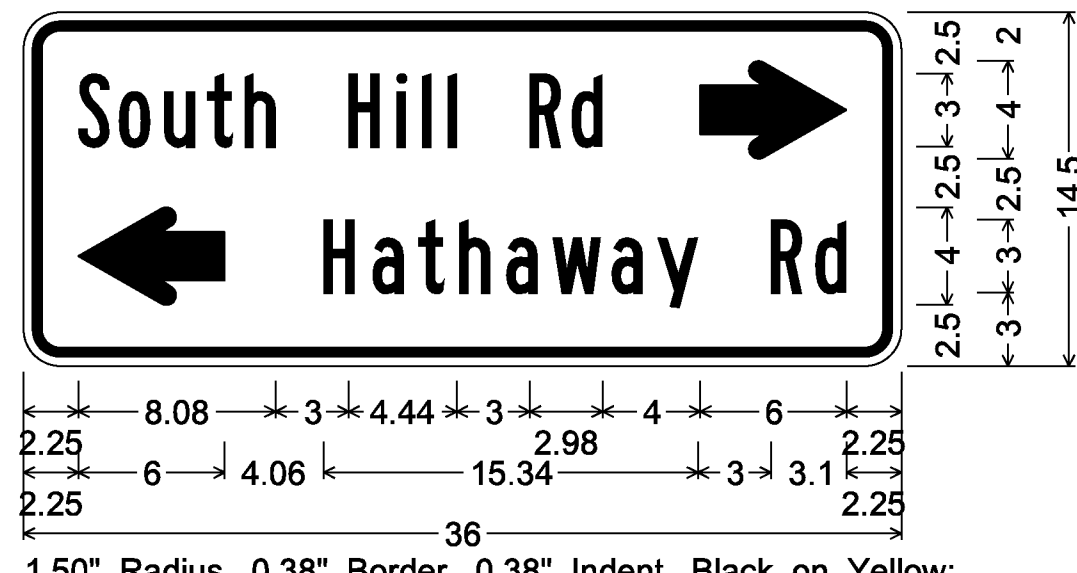
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Rollin Irish Rd] B 85% spacing;



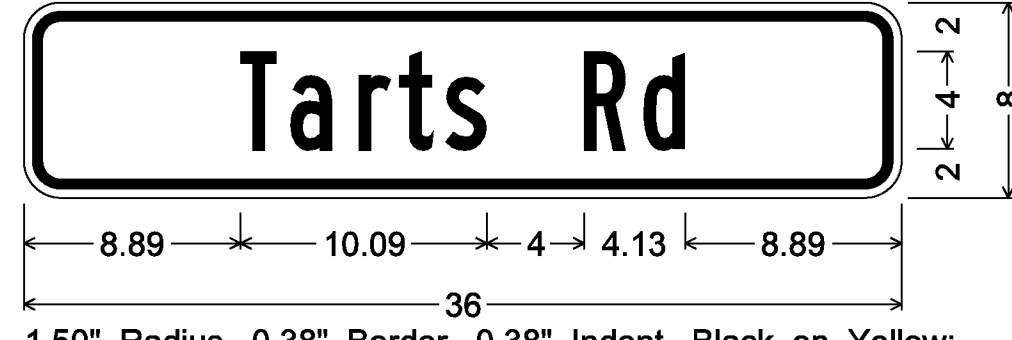
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Sandy Birch Rd] C;



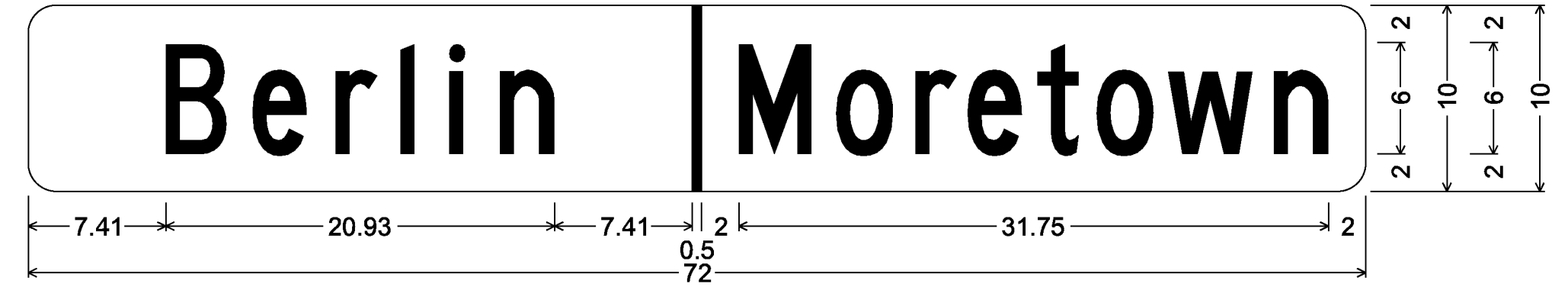
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Sodom Rd] B;



1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [South Hill Rd] B 80% spacing;
 Standard Arrow Custom 6.00" X 4.00" 0°;
 Standard Arrow Custom 6.00" X 4.00" 180°;
 [Hathaway Rd] B;



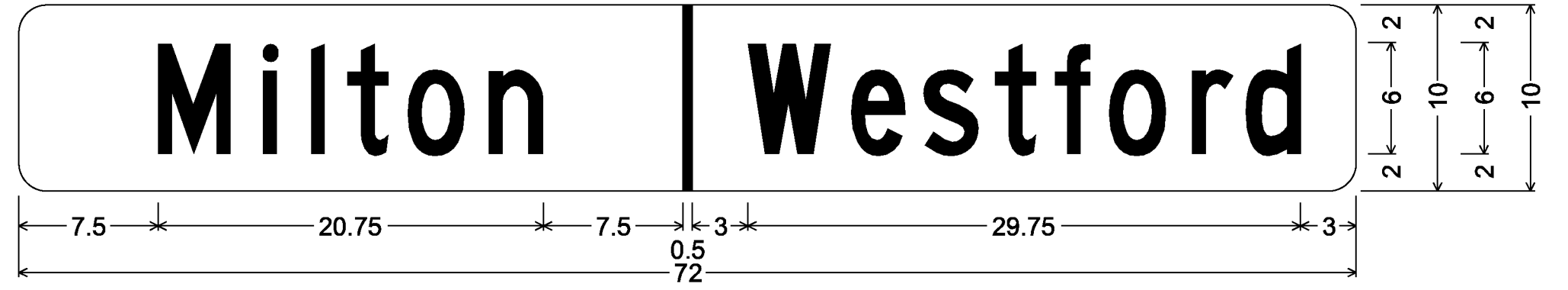
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Tarts Rd] B;



1.50" Radius, No border, White on Green;
 [Berlin] C; [Moretown] C specified length;

VD-024

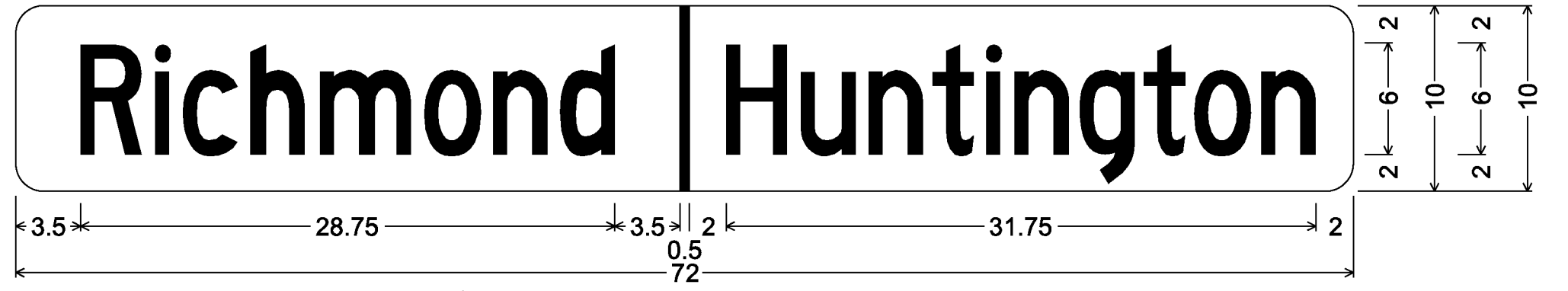
SEE SHEET I3 OF 73 FOR INSTALLATION INFORMATION



1.50" Radius, No border, White on Green;
 [Milton] C specified length; [Westford] C specified length;

VD-024

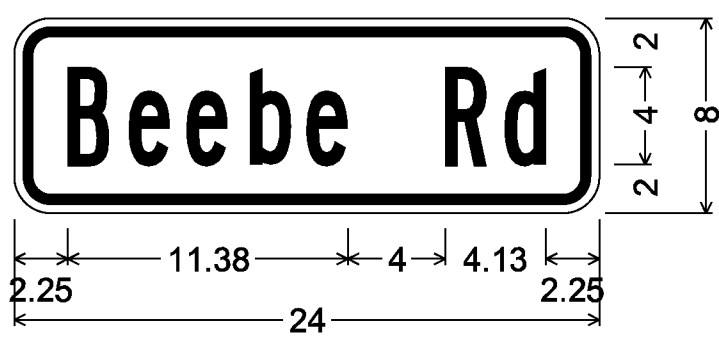
SEE SHEET I3 OF 73 FOR INSTALLATION INFORMATION



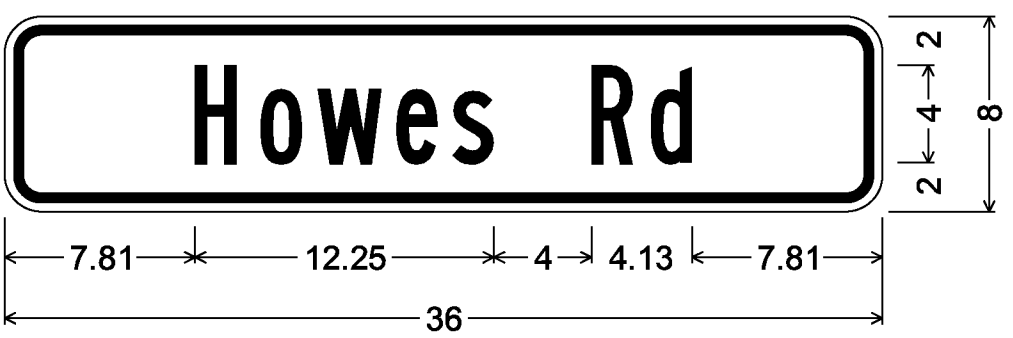
1.50" Radius, No border, White on Green;
 [Richmond] C specified length; [Huntington] C specified length;

VD-024

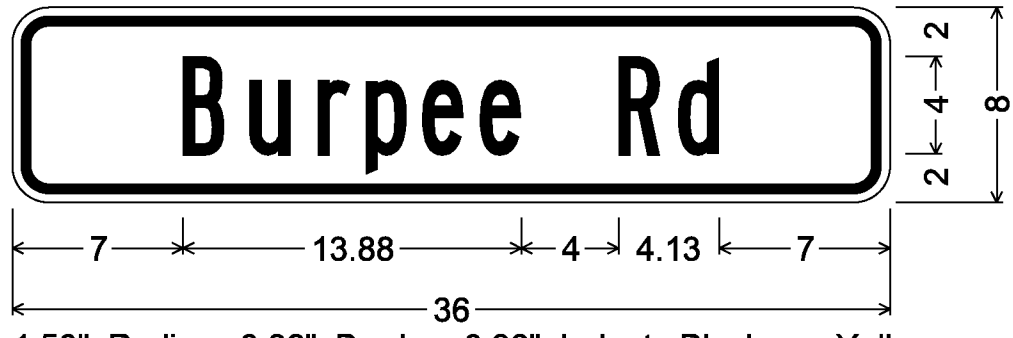
SEE SHEET I3 OF 73 FOR INSTALLATION INFORMATION



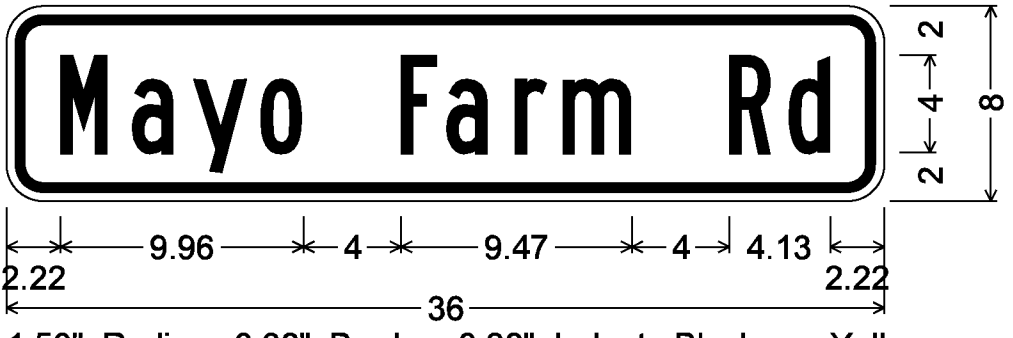
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Beebe Rd] B;



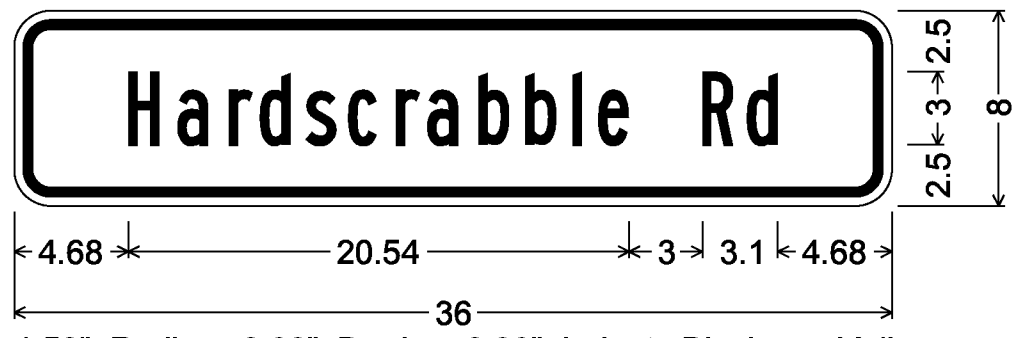
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Howes Rd] B;



1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Burpee Rd] B;



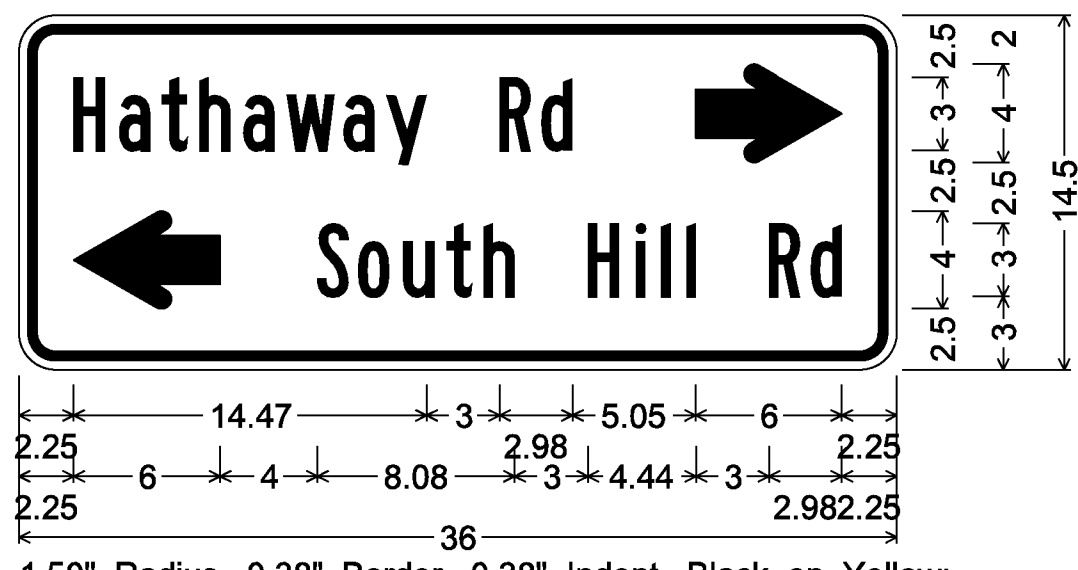
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Mayo Farm Rd] B;



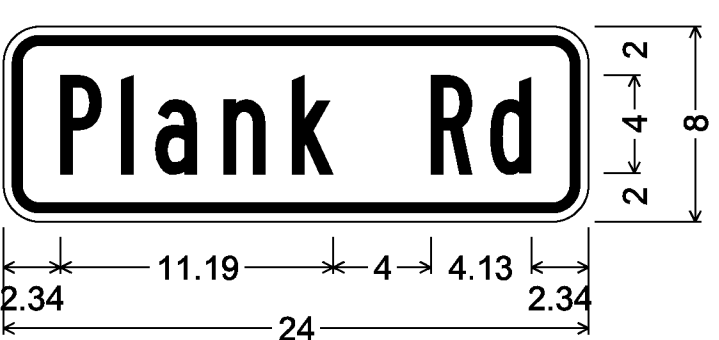
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Hardscrabble Rd] B;



1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Moretown] B; [Common Rd] B;



1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Hathaway Rd] B 80% spacing;
 Standard Arrow Custom 6.00" X 4.00" 0°;
 Standard Arrow Custom 6.00" X 4.00" 180°;
 [South Hill Rd] B 80% spacing;
















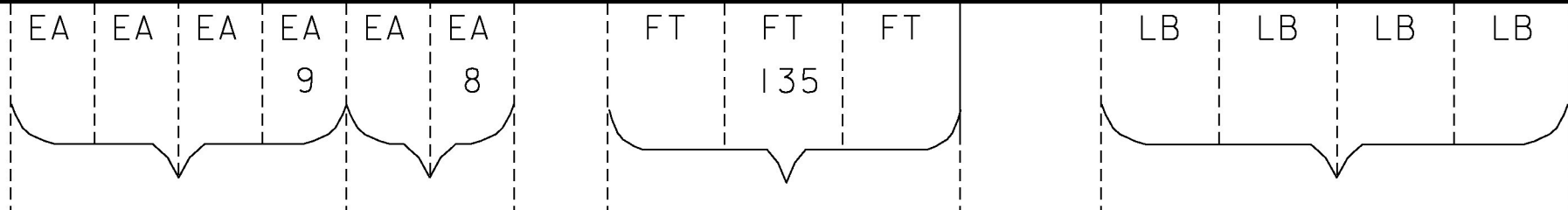
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
 [Plank Rd] B;

PROJECT NAME:	STATEWIDE NORTHWEST REGION
PROJECT NUMBER:	STP HRRR (I7)
FILE NAME:	signdet014.dgn
PROJECT LEADER:	J. DEVLIN
DESIGNED BY:	N. PATTIS
PROJECT SIGN DETAIL SHEET	4
PLOT DATE:	1/22/2014
DRAWN BY:	N. PATTIS
CHECKED BY:	B. GROSE
SHEET	16 OF 73

NOTE:
 D3-1 SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL													
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		RELOCATE	FOUNDATION								DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER											
																	1.75	2.00	2.50	3.00	3.50	4.00						5.00										
							BURPEE ROAD																															
NB	MM 0.064 RT	A	R2-1	24	30			5.00							X		X		1		15													REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 1669' SOUTH OF AND ACROSS FROM MAILBOX # 400	X			
NB	MM 0.064 RT	A	VR-017	24	30			5.00							X																				REPLACE EXISTING LEGAL LOAD LIMIT SIGN ABOVE AND ON THE SAME POST AS THE R2-1 SIGN LOCATED 1669' SOUTH OF AND ACROSS FROM MAILBOX # 400			13
NB	MM 0.122 RT	B	W3-1	36	36			9.00							X		X		2		30														REPLACE EXISTING STOP AHEAD SIGN ON TWO NEW POSTS LOCATED 1362' SOUTH OF AND ACROSS FROM MAILBOX # 400	X		
SB	MM 0.122 LT	F	W3-1	36	36			9.00							X		X		2		30														REPLACE EXISTING STOP AHEAD SIGN ON TWO NEW POSTS LOCATED 1362' SOUTH OF MAILBOX # 400	X		
SB	MM 0.160 LT	F	W2-1	30	30										X		X																		REMOVE EXISTING CROSSROADS SIGN AND POST LOCATED 1162' SOUTH OF MAILBOX # 400			
NB	MM 0.336 RT	A	VW-060	30	30										X		X																		REMOVE EXISTING HIDDEN DRIVES SIGN AND POST LOCATED 232' SOUTH OF AND ACROSS FROM MAILBOX # 400			
NB	MM 0.362 RT	A	VW-060	30	30			6.25											1		15														INSTALL A NEW HIDDEN DRIVES SIGN AND POST LOCATED 95' SOUTH OF AND ACROSS FROM MAILBOX # 400			13
NB	MM 0.362 RT	A	XXX	30	30										X		X																		REMOVE EXISTING CHILDREN AT PLAY SIGN AND POST LOCATED 95' SOUTH OF AND ACROSS FROM MAILBOX # 400			
NB	MM 0.676 RT	A	W11-5	30	30			6.25											1		15														INSTALL A NEW TRACTOR SYMBOL SIGN AND POST LOCATED 26' SOUTH OF AND ACROSS FROM POLE # CV25T/642/4	X		
SB	MM 0.793 LT	F	S3-1	30	30										X		X																		REMOVE EXISTING SCHOOL BUS STOP AHEAD SIGN AND POST LOCATED 312' SOUTH OF AND ACROSS FROM POLE # 642/1			
NB	MM 0.818 RT	A	W2-1	30	30			6.25											1		15														INSTALL A NEW CROSSROADS SIGN AND POST LOCATED 180' SOUTH OF POLE # 642/1	X		
NB	MM 0.818 RT	A	W16-8P	24	8			1.33																											INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-1 SIGN LOCATED 180' SOUTH OF POLE # 642/1			16
SB	MM 0.868 LT	F	R2-1	24	30			5.00							X		X		1		15														REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 84' NORTH OF AND ACROSS FROM POLE # 642/1	X		








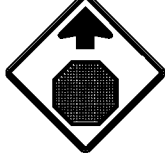






PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: bristoltrafficsign1.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 BRISTOL TRAFFIC SIGN SUMMARY SHEET 1

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 17 OF 73

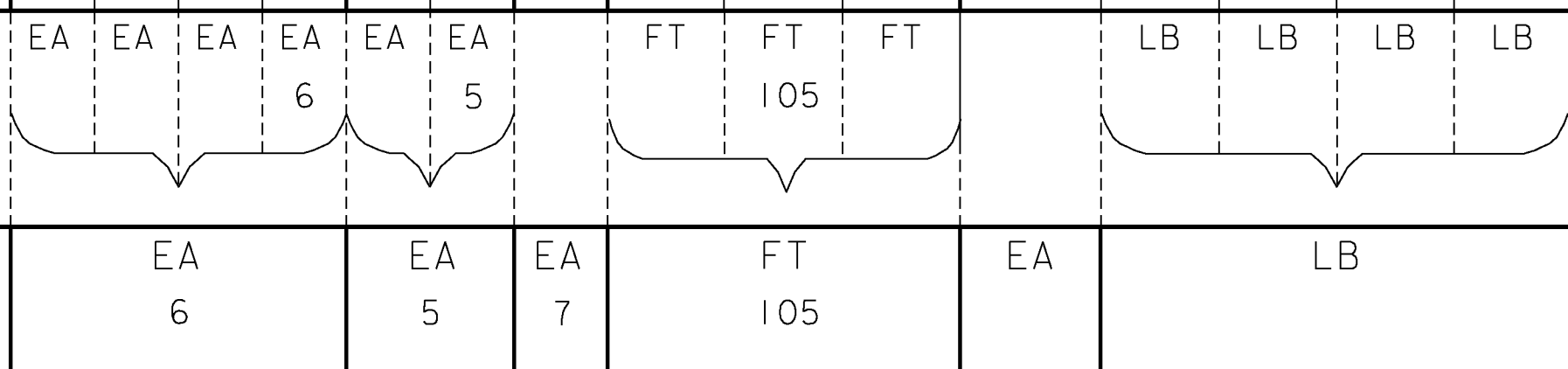
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".

SF 53.08 EA 9 EA 8 EA 9 FT 135 EA LB

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REPLACE	FOUNDA-TION	3.00	3.50	4.00	5.00	DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
																											1.75
SB	MM 0.950 LT	F	W2-1	30	30			6.25								1	15							INSTALL A NEW CROSSROADS SIGN AND POST LOCATED ACROSS FROM POLE # 64/18	X		
SB	MM 0.950 LT	F	W16-8P	24	8			1.33																INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-1 SIGN LOCATED ACROSS FROM POLE # 64/18		16	
NB	MM 0.950 RT	A	R2-1	24	30			5.00								1	15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED ADJACENT TO POLE # 64/18	X		
NB	MM 0.982 RT	A	R2-1	24	30							X	X											REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 169' NORTH OF POLE # 64/18			
NB	MM 0.982 RT	A	VR-017	24	30							X												REMOVE EXISTING LEGAL LOAD LIMIT SIGN LOCATED 169' NORTH OF POLE # 64/18			
NB	MM 1.789 RT	A	W3-1	36	36			9.00				X	X	2	30									REPLACE EXISTING STOP AHEAD SIGN ON TWO NEW POSTS LOCATED ADJACENT TO POLE # 35	X		
SB	MM 1.842 LT	F	R2-1	24	30			5.00				X	X	1	15									REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 69' NORTH OF AND ACROSS FROM POLE # 35X	X		
NB	MM 1.884 RT	A	R1-1	30	30							X	X											REMOVE EXISTING STOP SIGN AND POST LOCATED 143' NORTH OF POLE # 36			
SB	MM 1.884 LT	F	R1-1	30	30							X	X											REMOVE EXISTING STOP SIGN AND POST LOCATED 143' NORTH OF AND ACROSS FROM POLE # 36			
NB	MM 1.887 RT	A	R1-1	30	30			6.25						1	15									INSTALL A NEW STOP SIGN AND POST LOCATED 158' NORTH OF POLE # 36	X		
NB	MM 1.887 RT	A	D3-1	36	12			3.00																INSTALL NEW STREET NAME SIGN ABOVE AND ON THE SAME POST AS THE NEW R1-1 SIGN LOCATED 158' NORTH OF POLE # 36		13	
SB	MM 1.887 RT	F	R1-1	30	30			6.25						1	15									INSTALL A NEW STOP SIGN AND POST LOCATED 158' NORTH OF AND ACROSS FROM POLE # 36	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".

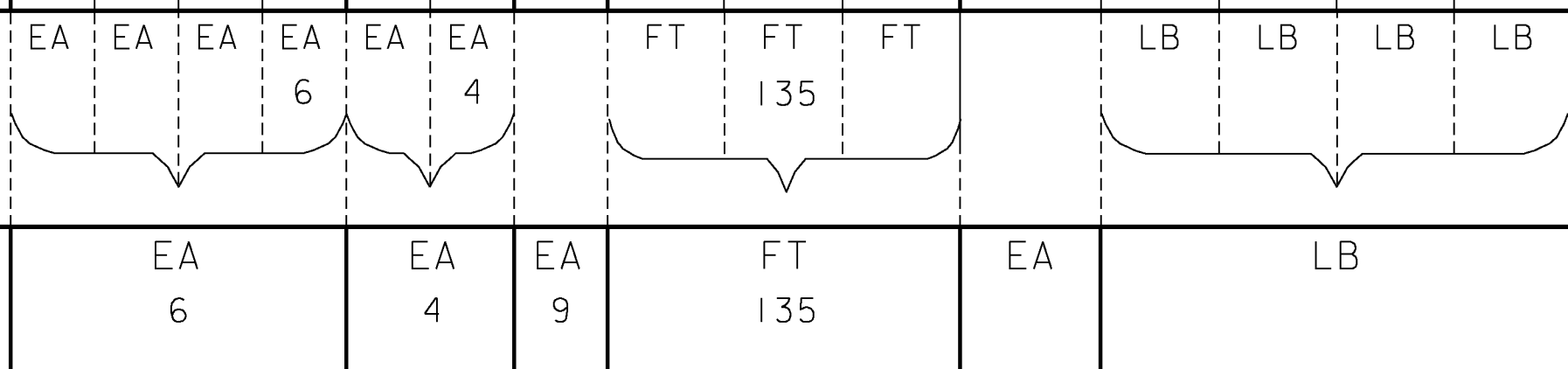


PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: bristoltraffic2.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 BRISTOL TRAFFIC SIGN SUMMARY SHEET 2

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 18 OF 73















DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS				EXISTING POST		NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R-1 T-1 N	R-2 T-2 N		R-3 T-3 N	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
							MONKTON ROAD																							
NB	MM 0.160 RT	A	W1-10R	36	36			9.00								X	X	2	30						REPLACE EXISTING CURVE RIGHT SIDEROAD LEFT SIGN AND INSTALL ON TWO POSTS LOCATED 259' SOUTH OF POLE # 344/1/25	X				
NB	MM 0.160 RT	A	W16-8P	36	8			2.00																	INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POSTS AS THE NEW W1-10R SIGN LOCATED 259' SOUTH OF POLE # 344/1/25		16			
NB	MM 0.160 RT	A	W13-1P	18	18			2.25								X									REPLACE EXISTING SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POSTS AS THE NEW W16-8P SIGN LOCATED 259' SOUTH OF POLE # 344/1/25	X				
SB	MM 0.209 LT	F	R2-1	24	30			5.00								X	X	1	15						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED ACROSS FROM POLE # 344/1/25	X				
SB	MM 0.209 LT	F	VR-017	24	30											X									REMOVE EXISTING LEGAL LOAD LIMIT SIGN LOCATED ACROSS FROM POLE # 344/1/25					
SB	MM 0.228 LT	F E	W1-8	18	24			3.00 3.00										1	15						INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 100' NORTH OF AND ACROSS FROM POLE # 344/1/25	X				
SB	MM 0.258 LT	F	W1-6L	48	24											X	X								REMOVE EXISTING LARGE LEFT ARROW SIGN AND POSTS LOCATED 174' SOUTH OF POLE # 47-5/37X					
SB	MM 0.258 LT	E	W1-6R	48	24											X	X								REMOVE EXISTING LARGE RIGHT ARROW SIGN AND POSTS LOCATED 174' SOUTH OF POLE # 47-5/37X					
SB	MM 0.258 LT	F E	W1-8	18	24			3.00 3.00										1	15						INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 174' SOUTH OF POLE # 47-5/37X	X				
NB	MM 0.290 LT	F E	W1-8	18	24			3.00 3.00										1	15						INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 5' SOUTH OF POLE # 47-5/37X	X				
NB	MM 0.290 RT	A	R2-1	24	30			5.00										1	15						INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 5' SOUTH OF AND ACROSS FROM POLE # 47-5/37X	X				
SB	MM 0.323 LT	F	W1-10L	36	36			9.00										2	30						INSTALL A NEW CURVE LEFT SIDEROAD SIGN ON TWO POSTS LOCATED 79' SOUTH OF POLE # 38	X				
SB	MM 0.323 LT	F	W16-8P	36	8			2.00																	INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POSTS AS THE NEW W1-10L SIGN LOCATED 79' SOUTH OF POLE # 38		16			
SB	MM 0.323 LT	F	W13-1P	18	18			2.25																	INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POSTS AS THE NEW W16-8P SIGN LOCATED 79' SOUTH OF POLE # 38	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".



PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: bristoltrafficsign3.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 BRISTOL TRAFFIC SIGN SUMMARY SHEET 3

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 19 OF 73

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPAIR		REPLACE	1.75	2.00	2.50	FOUNDA-TION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
																	lb/ft	lb/ft	lb/ft										
SB	MM 0.337 LT	F	W1-10L	30	30									X	X								REMOVE EXISTING CURVE LEFT SIDEROAD RIGHT SIGN AND POST LOCATED 5' SOUTH OF POLE # 38						
SB	MM 0.337 LT	F	W13-1P	18	18									X									REMOVE EXISTING SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE W16-8P SIGN LOCATED 5' SOUTH OF POLE # 38						
NB	MM 0.370 RT	A	D3-1	60	12									X	X								REMOVE EXISTING STREET NAME SIGN AND POST LOCATED 74' SOUTH OF AND ACROSS FROM POLE # 33/50-5						
NB	MM 0.371 RT	C	W1-7	48	24			8.00						X	X	2	30						REPLACE EXISTING LARGE DOUBLE ARROW SIGN ON TWO NEW POSTS LOCATED 69' SOUTH OF AND ACROSS FROM POLE # 33/50-5	X					
NB	MM 0.384 RT	A	R2-1	24	30			5.00								1	15						INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED ACROSS FROM POLE # 33/50-5	X					
SB	MM 0.443 LT	F	VD-062	72	16					X													REMOVE AND SALVAGE EXISTING OBDS SIGN AND POSTS LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 39X/S1 TO REINSTALL AT MM 0.482 LT						
SB	MM 0.443 LT	F	VD-062	72	16					X													REMOVE AND SALVAGE EXISTING OBDS SIGN LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 39X/S1 TO REINSTALL AT MM 0.482 LT						
SB	MM 0.443 LT	F	W2-2R	30	30			6.25								1	15						INSTALL A NEW SIDE ROAD RIGHT SIGN AND POST LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 39X/S1	X					
SB	MM 0.443 LT	F	D3-1	36	8			2.00															INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2 SIGN LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 39X/S1		16				
NB	MM 0.446 RT	A	R2-1	24	30									X	X								REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED ADJACENT TO POLE # 38X/S1						
NB	MM 0.446 RT	A	VR-017	24	30									X									REMOVE EXISTING LEGAL LOAD LIMIT SIGN LOCATED ADJACENT TO POLE # 38X/S1						
SB	MM 0.482 LT	F	W2-2R	30	30									X	X								REMOVE EXISTING SIDE ROAD RIGHT SIGN AND POST LOCATED 190' NORTH OF AND ACROSS FROM POLE # 39X/S1						
SB	MM 0.482 LT	F	D3-1	36	8									X									REMOVE EXISTING STREET NAME PLAQUE LOCATED 190' NORTH OF AND ACROSS FROM POLE # 39X/S1						
SB	MM 0.482 LT	F	VD-062	72	16					X													INSTALL THE OBDS SIGN AND POSTS FROM MM 0.443 LT AT THIS POINT, 190' NORTH OF AND ACROSS FROM POLE # 39X/S1						

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".








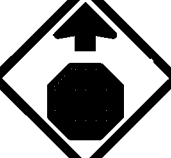
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FT 60 FT
LB LB LB LB

SF 21.25 EA 11 EA 5 EA 4 FT 60 EA LB

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: bristoltrafficsign4.dgn
PROJECT LEADER: J. DEVLIN
DESIGNED BY: N. PATTIS
BRISTOL TRAFFIC SIGN SUMMARY SHEET 4

PLOT DATE: 1/23/2014
DRAWN BY: N. PATTIS
CHECKED BY: B. GROSE
SHEET 20 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REPLACE	NO. OF NEW	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
SB	MM 0.482 LT	F	VD-062	72	16						X												INSTALL THE OBDS SIGN AND POSTS FROM MM 0.443 LT BENEATH THE NEW OBDS SIGN FROM THE SAME POINT, LOCATED 190' NORTH OF AND ACROSS FROM POLE # 39X/S1.							
							HARDCRATTLE ROAD																							
WB	MM 0.009 RT	A	R1-1	30	30			6.25						1		15							INSTALL A NEW STOP SIGN AND POST LOCATED 48' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD	X						
EB	MM 0.009 LT	F	R1-1	30	30			6.25				X	X	1		15							REPLACE EXISTING STOP SIGN AND POST LOCATED 48' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD	X						
EB	MM 0.009 LT	H G	D3-1	60	12			5.00						2		30							INSTALL A NEW STREET NAME SIGN ON TWO NEW POSTS LOCATED 48' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD		14					
WB	MM 0.043 RT	A	R2-1	24	30			5.00				X	X	1		15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 227' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD	X						
WB	MM 0.043 RT	A	VR-017	24	30							X											REMOVE EXISTING LEGAL LOAD LIMIT SIGN LOCATED 227' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD							
EB	MM 0.075 LT	F	W3-1	30	30							X	X										REMOVE EXISTING STOP AHEAD SIGN AND POST LOCATED 396' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD							
EB	MM 0.075 LT	F	W3-1	30	30			6.25						1		15							INSTALL A NEW STOP AHEAD SIGN AND POST LOCATED 396' WEST OF THE INTERSECTION OF HARDCRATTLE RD AND MONKTON RD	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".

EA EA EA EA EA EA FT FT FT LB LB LB LB
 I 4 3
 SF SF EA EA EA FT EA LB
 28.75 5 3 6 90 90

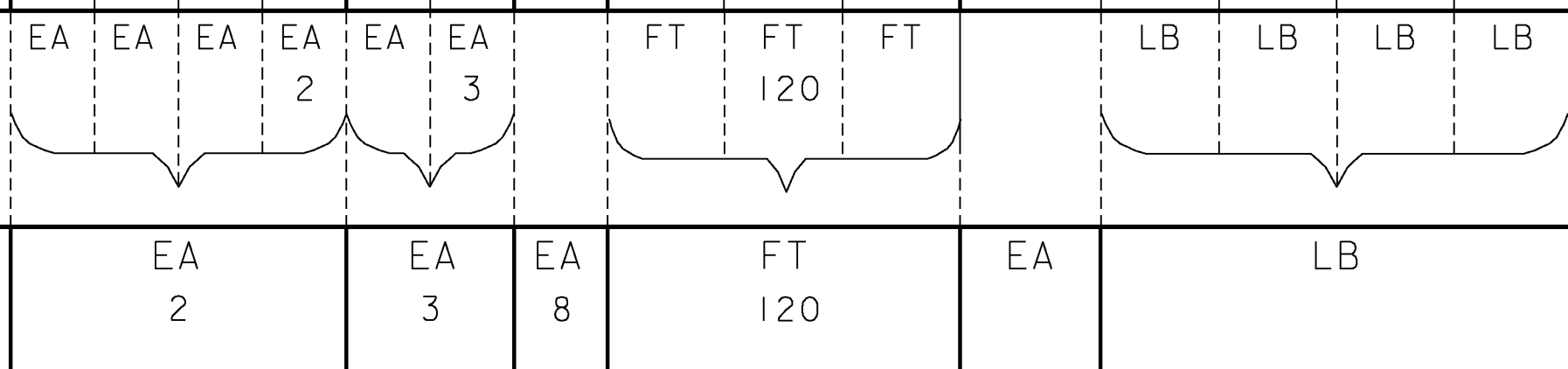
PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)

FILE NAME: bristoltrafficsign5.dgn PLOT DATE: 1/22/2014
 PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
 DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
 BRISTOL TRAFFIC SIGN SUMMARY SHEET 5 SHEET 21 OF 73

TRAFFIC SIGN SUMMARY SHEET

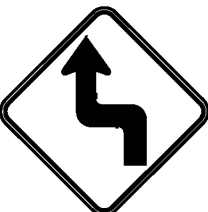









DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPAIR		REPLACE	FOUNDA-TION	3.00	3.50	4.00	5.00	DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
																											1.75
EB	MM 0.002 RT	A	R2-1	24	30			5.00															INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 264' WEST OF POLE # X29	X			
EB	MM 0.029 RT						SIGN POST																REMOVE EXISTING SIGN POST LOCATED 121' WEST OF POLE # X29				
EB	MM 0.073 RT	A	R2-1	24	30																		REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 111' EAST OF POLE # X29				
EB	MM 0.152 RT	A	WI-3R	30	30			6.25															INSTALL A NEW REVERSE TURN RIGHT SIGN AND POST LOCATED 42' EAST OF AND ACROSS FROM DRIVEWAY # 308	X			
EB	MM 0.152 RT	A	WI3-1P	18	18			2.25															INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-3R SIGN LOCATED 42' EAST OF AND ACROSS FROM DRIVEWAY # 308	X			
EB	MM 0.256 RT	A	S3-1	30	30																		REMOVE EXISTING SCHOOL BUS STOP AHEAD SIGN AND POST LOCATED 232' WEST OF MAILBOX # 63				
EB	MM 0.256 RT	A	S3-1	30	30	FYG		6.25															INSTALL A NEW SCHOOL BUS STOP AHEAD SIGN AND POST LOCATED 232' WEST OF MAILBOX # 63	X			
EB	MM 0.256 RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00															INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET. LOCATE IT 185' WEST OF MAILBOX # 63	X			
EB	MM 0.290 RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00															INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET. LOCATE IT 53' WEST OF MAILBOX # 63	X			
WB	MM 0.300 LT	F	VW-054	30	30			6.25															INSTALL A NEW HIDDEN DRIVE RIGHT SIGN AND POST LOCATED ACROSS FROM MAILBOX # 63			13	
EB	MM 0.309 RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00															INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET. LOCATE IT 48' EAST OF MAILBOX # 63	X			
EB	MM 0.330 RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00															INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET. LOCATE IT 158' EAST OF MAILBOX # 63	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".



PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: bristolrivertrafficsgn.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 BRISTOL(RIVER ROAD)
 TRAFFIC SIGN SUMMARY SHEET 1
 PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 23 OF 73

TRAFFIC SIGN SUMMARY SHEET














DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REPLACE	REPLACE	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
WB	MM 0.346 LT	F	WI-3L	30	30			6.25																INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 243' EAST OF AND OPPOSITE MAILBOX # 63	X					
WB	MM 0.346 LT	F	WI3-1P	18	18			2.25																INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-3L SIGN LOCATED 243' EAST OF AND OPPOSITE MAILBOX # 63	X					
WB	MM 0.357 LT	F	TOWN SIGN																					REMOVE EXISTING HIDDEN SIDE ROAD RIGHT SIGN AND POST LOCATED 95' WEST OF AND ACROSS FROM THE DRIVEWAY ADRESSED # 59						
EB	MM 0.369 RT	A	TOWN SIGN																					REMOVE EXISTING HIDDEN SCHOOL BUS STOP AHEAD SIGN AND POST LOCATED 32' WEST OF THE DRIVEWAY ADRESSED AS # 59						
EB	MM 0.369 RT	A	S3-1	30	30	FYG		6.25																INSTALL A NEW SCHOOL BUS STOP AHEAD SIGN AND POST LOCATED 32' WEST OF THE DRIVEWAY ADRESSED AS # 59	X					
EB	MM 0.402 RT	A	S1-1	30	30																			REMOVE EXISTING STOP SIGN AND POST LOCATED 143' EAST OF THE DRIVEWAY ADRESSED AS # 59						
EB	MM 0.410 RT	A	S1-1	30	30			6.25																INSTALL A NEW STOP SIGN AND POST LOCATED 185' EAST OF THE DRIVEWAY ADRESSED # 59	X					
WB	MM 0.410 LT	E	S1-1	30	30			6.25																REPLACE THE EXISTING STOP SIGN AND POST LOCATED 185' EAST OF AND ACROSS FROM THE DRIVEWAY ADRESSED # 59	X					
WB	MM 0.413 LT	F	VR-017	24	30																			RETAIN EXISTING LEGAL LOAD LIMIT SIGN AND POST LOCATED 201' EAST OF AND ACROSS FROM THE DRIVEWAY ADRESSED # 59						
WB	MM 0.413 LT	F	R2-1	24	30																			RETAIN EXISTING SPEED LIMIT SIGN AND POST LOCATED 201' EAST OF AND ACROSS FROM THE DRIVEWAY ADRESSED # 59						

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
2			4	2	4		60					
SF	SF	EA	EA	EA	EA	FT		EA	LB			
27.25		6	6	4	6	60						

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: bristolrivertraffic2.dgn PLOT DATE: 1/22/2014
 PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
 DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
 BRISTOL(RIVER ROAD) TRAFFIC SIGN SUMMARY SHEET 2 SHEET 24 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL 0/(in)				SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL																
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REPLACE	REPLACE	FOUNDATION							DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER														
																		1.75	2.00	2.50	3.00	3.50						4.00	5.00												
							BALLARD ROAD																																		
SB	MM 0.013 LT	F	R1-1	30	30						X																										RETAIN EXISTING STOP SIGN AND POST LOCATED 69' NORTH OF THE INTERSECTION OF US ROUTE 7	X			
SB	MM 0.013 LT	H G	D3-1	42	12			3.50																														INSTALL A NEW STREET NAME SIGN LOCATED ABOVE THE EXISTING R1-1 LOCATED 69' NORTH OF THE INTERSECTION OF US ROUTE 7		13	
NB	MM 0.015 RT	A	VR-017	24	30						X																											RETAIN EXISTING LEGAL LOAD LIMIT SIGN AND POST LOCATED 79' NORTH OF THE INTERSECTION OF US ROUTE 7			
NB	MM 0.015 RT	A	R2-1	24	30			5.00																														INSTALL A NEW SPEED LIMIT SIGN BENEATH THE VR-017 SIGN LOCATED 79' NORTH OF THE INTERSECTION OF US ROUTE 7	X		
SB	MM 0.062 LT	F	W3-1	30	30			6.25					X	X	1		15																					REPLACE EXISTING STOP AHEAD SIGN AND POST LOCATED 16' SOUTH OF POLE # 261/115	X		
NB	MM 0.151 RT	A	R2-1	24	30								X	X																							REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 21' NORTH OF AND ACROSS FROM POLE # P603/113				
SB	MM 0.317 LT	F E	D3-1	48	12			4.00					X	X	2		30																					REPLACE EXISTING STREET NAME SIGN ON TWO NEW POSTS LOCATED 26' NORTH OF POLE # 267/94/109		13	
NB	MM 0.567 RT	A	TOWN SIGN										X	X																							REMOVE EXISTING GOLF SIGN AND POST LOCATED 127' NORTH OF AND ACROSS FROM POLE # 106/1/270				
NB	MM 0.601 RT	A	W12-2	36	36						X			X																							RETAIN EXISTING LOW CLEARANCE SIGN AND POST LOCATED 306' NORTH OF AND ACROSS FROM POLE # 106/1/270				
SB	MM 0.747 LT	F	W12-2	36	36						X			X																							RETAIN EXISTING LOW CLEARANCE SIGN AND POST LOCATED 475' SOUTH OF AND ACROSS FROM POLE # NET/38/2A				
NB	MM 0.756 RT	C	W1-7	48	24			8.00					X	X	2		30																				REPLACE EXISTING LARGE DOUBLE ARROW SIGN ON TWO NEW POSTS LOCATED 428' SOUTH OF POLE # NET/38/2A	X			
NB	MM 0.807 RT	A	W2-2L	30	30			6.25							1		15																				INSTALL NEW SIDE ROAD LEFT SIGN AND POST LOCATED 158' SOUTH OF POLE # NET/38/2A	X			
NB	MM 0.807 RT	A	W16-8P	36	8			2.00																													INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POSTS AS THE NEW W2-2L SIGN LOCATED 158' SOUTH OF POLE # NET/38/2A			16	

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 4	EA 4	EA 5	EA 5	EA 4	EA 5	EA 6	FT 90	FT 90	FT 90	EA	LB	LB	LB	LB
SF	SF	EA	EA	EA	EA	EA	FT	EA	LB															
35.00		9	9	9	6	90																		

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: georgiatrfficsignl.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 GEORGIA TRAFFIC SIGN SUMMARY SHEET 1

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 26 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REPLACE	POSTS	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
SB	MM 0.837 LT	F	R2-1	24	30			5.00							1		15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED ACROSS FROM POLE # NET/38/2A	X					
NB	MM 0.865 RT	C	R1-1	30	30																			REMOVE EXISTING STOP SIGN AND POST LOCATED 21' SOUTH OF POLE # 943/3/SOLID/13/38						
NB	MM 0.866 RT	C	W1-7	48	24			8.00							2		30							REPLACE EXISTING LARGE DOUBLE ARROW SIGN ON TWO NEW POSTS LOCATED 16' SOUTH OF POLE # 943/3/SOLID/13/38	X					
NB	MM 0.871 RT	F E	D3-1	42	12																			REMOVE EXISTING STREET NAME SIGN AND POST LOCATED 11' NORTH OF POLE # 943/3/SOLID/13/38						
NB	MM 0.871 RT	A B	D3-1	60	12																			REMOVE EXISTING STREET NAME SIGN LOCATED 11' NORTH OF POLE # 943/3/SOLID/13/38						
SB	MM 0.919 LT	F	W2-2R	30	30			6.25							1		15							INSTALL A NEW SIDE ROAD RIGHT SIGN AND POST LOCATED 264' NORTH OF AND ACROSS FROM POLE # 943/3/SOLID/13/38	X					
SB	MM 0.919 LT	F	W16-8P	36	8			2.00																INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2R SIGN LOCATED 264' NORTH OF AND ACROSS FROM POLE # 943/3/SOLID/13/38			16			
NB	MM 0.919 RT	A	R2-1	24	30			5.00							1		15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 264' NORTH OF POLE # 943/3/SOLID/13/38	X					
NB	MM 0.976 RT	A	VW-060	30	30																			REMOVE EXISTING HIDDEN DRIVES SIGN AND POST LOCATED 79' SOUTH OF POLE # 40T/5/15T						
NB	MM 1.035 RT	A	VW-060	30	30			6.25							1		15							INSTALL A NEW HIDDEN DRIVES SIGN AND POST LOCATED 232' NORTH OF POLE # 40T/5/15T			13			
SB	MM 1.183 LT	F	VW-060	30	30			6.25							1		15							INSTALL A NEW HIDDEN DRIVES SIGN AND POST LOCATED 391' SOUTH OF POLE # 9/31			13			
NB	MM 1.227 RT	A	S3-1	30	30																			REMOVE EXISTING SCHOOL BUS STOP AHEAD SIGN AND POST LOCATED 158' SOUTH OF AND ACROSS FROM POLE # 9/31						
NB	MM 1.227 RT	A	VW-060	30	30																			REMOVE EXISTING HIDDEN ENTRANCE SIGN BENEATH THE EXISTING S3-1 LOCATED 158' SOUTH OF AND ACROSS FROM POLE # 9/31						
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	8	6	FT	FT	FT	LB	LB	LB	LB						
								SF	SF	EA	EA	EA	EA	EA	8	6	7	FT	EA	LB										
								38.75		8								105												

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: georgiatrafficsign2.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 GEORGIA TRAFFIC SIGN SUMMARY SHEET 2

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 27 OF 73














TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REMOVE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
											lb/ft			lb/ft																
								1.88	2.42	3.35					7.60	9.00	10.80	14.60												
NB	MM 1.257 RT	A	R2-1	24	30			5.00							1		15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED ACROSS FROM POLE # 9/31	X					
NB	MM 1.288 RT	A	VW-060	30	30			6.25							1		15							INSTALL A NEW HIDDEN DRIVES SIGN AND POST LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 30 1/2		13				
NB	MM 1.288 RT	A	VW-205	30	30			6.25																INSTALL A NEW WATCH FOR TURNING VEHICLES SIGN BENEATH THE NEW VW-060 SIGN LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 30 1/2		13				
SB	MM 1.537 LT	F	R2-1	24	30			5.00					X	X	1		15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 1257' SOUTH OF POLE # 10T/18	X					
NB	MM 1.775 RT	A	W11-5	30	30			6.25							1		15							INSTALL A NEW TRACTOR SYMBOL SIGN AND POST LOCATED ACROSS FROM POLE # 10T/18	X					
NB	MM 1.868 RT	A	VW-060	30	30			6.25							1		15							INSTALL A NEW HIDDEN DRIVES SIGN AND POST LOCATED 1111' SOUTH OF AND ACROSS FROM POLE # 20/20		13				
NB	MM 1.982 RT	A	W2-2L	30	30			6.25							1		15							INSTALL A NEW SIDE ROAD LEFT SIGN AND POST LOCATED ACROSS FROM POLE # SOLID/94/22	X					
NB	MM 1.982 RT	A	W16-8P	26	8			1.44																INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2L SIGN LOCATED ACROSS FROM POLE # SOLID/94/22		16				
NB	MM 2.021 RT	C	W1-7	48	24			8.00							2		30							INSTALL A NEW LARGE DOUBLE ARROW SIGN ON TWO NEW POSTS LOCATED 48' SOUTH OF AND ACROSS FROM POLE # 943/23/117/13/17	X					
SB	MM 2.068 LT	F	W2-2R	30	30			6.25							1		15							INSTALL A NEW SIDE ROAD RIGHT SIGN AND POST LOCATED 58' SOUTH OF POLE # SOLID/161/2/23X	X					
SB	MM 2.068 LT	F	W16-8P	26	8			1.44																INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2R SIGN LOCATED 58' SOUTH OF POLE # SOLID/161/2/23X		16				
NB	MM 2.750 RT	A	M2-1	21	15			2.19							1		15							INSTALL A NEW JUNCTION SIGN AND POST LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 943/35-2/NET/199 1/4			E-136A			
NB	MM 2.750 RT	A	M1-4	24	24			4.00																INSTALL A NEW US ROUTE MARKER SIGN BENEATH THE NEW M2-1 SIGN LOCATED 16' SOUTH OF AND ACROSS FROM POLE # 943/35-2/NET/199 1/4			E-136A			
SB	MM 2.760 LT	F	R2-1	24	30									X	X									REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 37' NORTH OF POLE # 943/35-2/NET/199 1/4						
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					
								SF	SF		EA	EA	EA		EA	EA	EA	EA	EA		EA	EA	EA	EA						
								64.57			2	2	2		10	10	10	150												

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: georgiatrfficsign3.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 GEORGIA TRAFFIC SIGN SUMMARY SHEET 3

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 28 OF 73

TRAFFIC SIGN SUMMARY SHEET













DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	P-T-A-I-N		R-E-M-O-V-E	P-O-S-T-S	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
NB	MM 2.779 RT	A	W3-1	30	30			6.25															INSTALL A NEW STOP AHEAD SIGN AND POST LOCATED 106' SOUTH OF ACROSS FROM POLE # 35-3/99 1/2	X						
SB	MM 2.844 LT	F	VR-017	24	30			5.00															INSTALL A NEW LEGAL LOAD LIMIT SIGN AND POST LOCATED 238' NORTH OF POLE # 35-3/99 1/2		13					
SB	MM 2.844 LT	F	R2-1	24	30			5.00															INSTALL A NEW SPEED LIMIT SIGN BENEATH THE VR-017 SIGN LOCATED 238' NORTH OF POLE # 35-3/99 1/2	X						
NB	MM 2.859 RT	C	R1-1	30	30			6.25				X	X										REPLACE EXISTING STOP SIGN AND POST LOCATED 69' SOUTH OF AND ACROSS FROM POLE # 188A	X						
NB	MM 2.859 RT	A B	D3-1	42	12			3.50															INSTALL A NEW STREET NAME SIGN LOCATED ABOVE THE NEW R1-1 LOCATED 53' SOUTH OF AND OPPOSITE POLE # 188A			13				
NB	MM 2.863 LT	D	VR-017	24	30								X	X									REMOVE EXISTING LEGAL LOAD LIMIT SIGN AND POST LOCATED 32' SOUTH OF POLE # 188A							
NB	MM 2.863 RT	D	R1-2	36	36			4.50															INSTALL A NEW YIELD SIGN AND POST LOCATED 32' SOUTH OF POLE # 188A	X						
SB	MM 2.863 RT	F	VR-017	24	30								X	X									REMOVE EXISTING LEGAL LOAD LIMIT SIGN AND POST LOCATED 32' SOUTH OF AND ACROSS FROM POLE # 188A							
NB	MM 2.867 RT	A	R1-1	30	30			6.25				X	X										REPLACE EXISTING STOP SIGN AND POST LOCATED 11' SOUTH OF POLE # 188A	X						
NB	MM 2.867 RT	C D	D3-1	42	12			3.50				X											REPLACE THE EXISTING STREET NAME SIGN ABOVE THE NEW R1-1 SIGN LOCATED 11' SOUTH OF POLE # 188A			13				
							MANOR DRIVE																							
NB	MM 0.005 LT	H G	D3-1	36	12							X	X										REMOVE EXISTING STREET NAME SIGN AND POST LOCATED 26' SOUTH OF THE INTERSECTION OF BALLARD ROAD							
NB	MM 0.007 LT	F	R1-1	30	30			6.25				X	X										REPLACE EXISTING STOP SIGN AND POST LOCATED ADJACENT TO POLE # 263 1/2 /PB	X						
NB	MM 0.007 LT	H G	D3-1	36	12			3.00															INSTALL A NEW STREET NAME SIGN ABOVE AND ON THE SAME POST AS THE NEW R1-1 LOCATED ADJACENT TO POLE # 263 1/2 /PB			14				

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	EA	EA	FT	FT	FT	LB	LB	LB	LB	
							7	6							
SF	SF	EA	EA	EA	EA	EA	EA	FT	FT	FT	EA	LB			
49.50		7	6	6	6	6	6	90	90	90					

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: georgiatrffsign4.dgn
PROJECT LEADER: J. DEVLIN
DESIGNED BY: N. PATTIS
GEORGIA TRAFFIC SIGN SUMMARY SHEET 4

PLOT DATE: 1/22/2014
DRAWN BY: N. PATTIS
CHECKED BY: B. GROSE
SHEET 29 OF 73

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL																
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		RELOCATE	FOUNDA-TION	lb/ft		lb/ft		DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER															
																		1.75	2.00	2.50	3.00						3.50	4.00	5.00												
							SANDY BIRCH ROAD																																		
WB	MM 0.010 LT	F	R1-1	30	30			6.25							X	X	1	15																		REPLACE EXISTING STOP SIGN AND POST LOCATED 111' EAST OF AND ACROSS FROM POLE # R1-13/39/9431/1	X				
WB	MM 0.010 LT	H G	D3-1	60	12			5.00																													REPLACE THE EXISTING STREET NAME SIGN ON TWO NEW POSTS LOCATED 111' EAST OF AND ACROSS FROM POLE # R1-13/39/9431/1		15		
EB	MM 0.019 RT	A	R2-1	24	30			5.00																													INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 63' EAST OF POLE # R1-13/39/9431/1	X			
WB	MM 0.074 LT	F	W3-1	30	30			6.25																													INSTALL A NEW STOP AHEAD SIGN AND POST LOCATED 277' WEST OF AND ACROSS FROM POLE # R1-13/39/9431/1	X			
EB	MM 0.074 RT	A	R2-1	24	30										X	X																					REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 277' WEST OF POLE # R1-13/39/9431/1				
							FONTAINE DRIVE 1																																		
WB	MM 0.007 LT	F	R1-1	30	30			6.25							X	X	1	15																				REPLACE EXISTING STOP SIGN AND POST LOCATED ADJACENT TO POLE # 40T/4	X		
WB	MM 0.007 LT	H G	D3-1	42	12			3.50							X																							REPLACE THE EXISTING STREET NAME SIGN ABOVE THE NEW R1-1 SIGN LOCATED ADJACENT TO POLE # 40T/4		14	
EB	MM 0.019 RT	A	R2-5	24	30										X	X																					REMOVE EXISTING REDUCED SPEED AHEAD SIGN AND POST LOCATED 190' WEST OF POLE # 4-1/NET/37A				
EB	MM 0.019 RT	A	R2-1	24	30			5.00																														INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 190' WEST OF POLE # 4-1/NET/37A	X		
EB	MM 0.052 RT	A	R2-1	24	30										X	X																					REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 16' WEST OF POLE # 4-1/NET/37A				
							FONTAINE DRIVE 2																																		
WB	MM 0.006 LT	F	R1-1	30	30			6.25							X	X	1	15																				REPLACE EXISTING STOP SIGN AND POST LOCATED 32' EAST OF THE INTERSECTION OF BALLARD ROAD	X		
WB	MM 0.006 LT	H G	D3-1	42	12			3.50																														INSTALL A NEW STREET NAME SIGN ABOVE THE NEW R1-1 SIGN LOCATED 32' EAST OF THE INTERSECTION OF BALLARD ROAD		14	

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	EA			FT	FT	FT		LB	LB	LB	LB
						7			6										
	SF	SF	EA	EA	EA		EA					FT	FT	FT	EA	LB			
	47.00		7	6	8							120	120	120					

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: georgiatrffsign6.dgn
PROJECT LEADER: J. DEVLIN
DESIGNED BY: N. PATTIS
GEORGIA TRAFFIC SIGN SUMMARY SHEET 6
PLOT DATE: 1/22/2014
DRAWN BY: N. PATTIS
CHECKED BY: B. GROSE
SHEET 31 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REMOVE	REPLACE	FOUNDA-TION	3.00	3.50	4.00	5.00			DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER			
																												1.75	2.00	2.50
WB	MM 0.083 LT	F	WI-8L WI-8R	18	24			3.00						1		15							INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 449' WEST OF AND ACROSS FROM POLE # 4/115-1/62A	X						
WB	MM 0.118 LT	F	WI-1L	30	30			6.25						1		15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 264' WEST OF AND ACROSS FROM POLE # 4/115-1/62A	X						
WB	MM 0.118 LT	F	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-1L LOCATED 264' WEST AND ACROSS FROM POLE # 4/115-1/62A	X						
WB	MM 0.761 LT	F	R2-1	24	30			5.00					X	X	1		15						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 11' EAST OF MAILBOX # 152	X						
EB	MM 0.851 RT	A	WI-2L	30	30									X	X								REMOVE EXISTING CURVE LEFT SIGN AND POST LOCATED 407' EAST OF POLE # 131							
EB	MM 0.851 RT	A	WI-1L	30	30			6.25						1		15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 407' EAST OF POLE # 131	X						
EB	MM 0.851 RT	A	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-1L LOCATED 407' EAST OF POLE # 131	X						
EB	MM 0.855 RT TO MM 0.923 RT	A		6	8		(16) TYPE 11 - 6" X 8" WHITE DELINEATORS	5.33															INSTALL NEW DELINEATORS (16) BACK-TO-BACK 50 FEET APART ON 8 POSTS, INSTALL FIRST 428' EAST OF POLE # 131			4				
WB	MM 0.936 LT	F	WI-1R	30	30			6.25						1		15							INSTALL NEW TURN RIGHT SIGN AND POST LOCATED 148' WEST OF MAILBOX # 196	X						
WB	MM 0.936 LT	F	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-1R LOCATED 148' WEST OF MAILBOX # 196	X						
WB	MM 0.963 LT	F	WI-2R	30	30								X	X									REMOVE EXISTING CURVE RIGHT SIGN AND POST LOCATED 5' WEST OF MAILBOX # 196							
EB	MM 0.963 RT	A	WI-3L	30	30			6.25						1		15							INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 5' WEST OF AND ACROSS FROM MAILBOX # 196	X						
EB	MM 0.963 RT	A	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-3L LOCATED 5' WEST OF AND ACROSS FROM MAILBOX # 196	X						
<p>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".</p>										EA	EA	EA	EA	EA	EA		FT	FT	FT	LB	LB	LB	LB							
								SF	SF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
								50.33		3				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

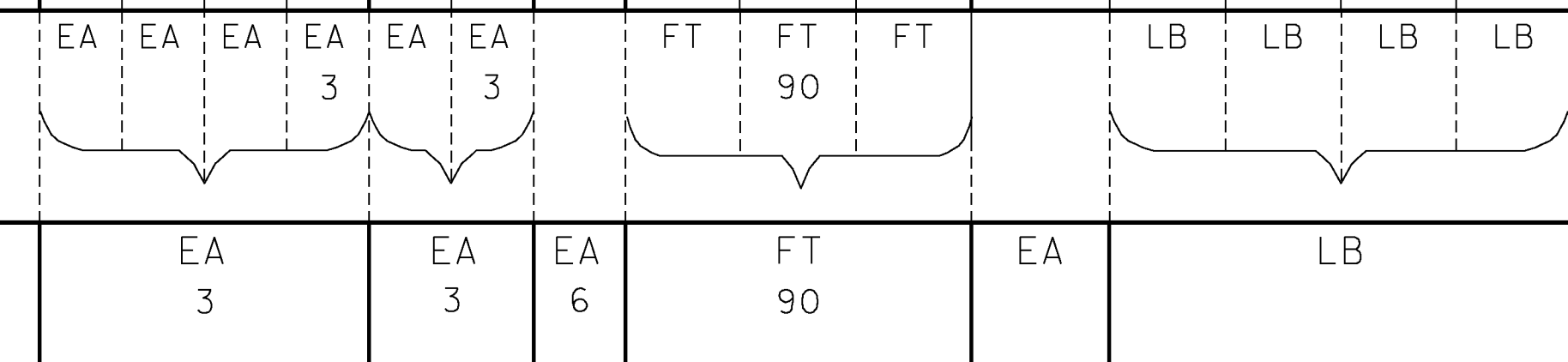
PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: miltontrafficsign2.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 MILTON TRAFFIC SIGN SUMMARY SHEET 2

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 35 OF 73

TRAFFIC SIGN SUMMARY SHEET








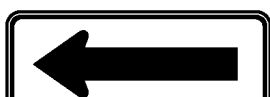

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL 0/(in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REMAIN		REMOVE	POSTS	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
WB	MM 1.120 LT	F	W1-3L	30	30			6.25									1	15							INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 26' EAST OF POLE # 4/139/510/86	X				
WB	MM 1.120 LT	F	W13-1P	18	18			2.25																	INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-3R LOCATED 26' EAST OF POLE # 4/139/510/86	X				
EB	MM 1.124 RT	A	S3-4	30	30	FYG		5.00									1	15							INSTALL NEW SCHOOL BUS TURN AHEAD SIGN AND POST LOCATED 48' EAST OF AND ACROSS FROM POLE # 4/139/510/86	X				
EB	MM 1.139 RT	A	S3-4	30	30								X	X											REMOVE EXISTING SCHOOL BUS TURN AHEAD SIGN AND POST LOCATED 53' WEST OF AND ACROSS FROM POLE # 87/4/140					
WB	MM 1.152 LT	G	D3-1	54	12		Rollin Irish Rd						X	X											REMOVE EXISTING STREET NAME SIGN AND POST LOCATED 16' EAST OF POLE # 87/4/140					
WB	MM 1.152 LT	F	R2-1	24	30			5.00					X	X	1	15									REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 16' EAST OF POLE # 87/4/140	X				
WB	MM 1.153 LT	G	VD-024	72	10		Milton Westford	5.00									2	30							INSTALL NEW TOWN LINE SIGN ON TWO POSTS LOCATED 21' EAST OF POLE # 87/4/140		16			
EB	MM 1.154 RT	A	R2-1	24	30			5.00									1	15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 26' EAST OF AND ACROSS FROM POLE # 87/4/140	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".

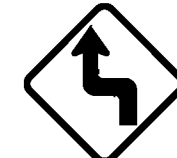















PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: miltontrafficsign3.dgn PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
MILTON TRAFFIC SIGN SUMMARY SHEET 3 SHEET 36 OF 73

TRAFFIC SIGN SUMMARY SHEET 2














DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS				NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE		REMAIN	REMOVE	1.75	2.00	2.50	3.00	3.50			4.00	5.00	FOUNDATION	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
EB	MM 0.137 RT						I BEAM POST					X										REMOVE EXISTING I BEAM POST LOCATED 338' EAST OF AND ACROSS FROM POLE # GMP/3							
WB	MM 0.140 LT	E	D1-1	72	12			6.00						2	30							INSTALL A NEW D-BOARD SIGN ON TWO NEW POSTS LOCATED 354' EAST OF POLE # GMP/3		16					
EB	MM 0.209 RT	A B		6	8		(2) TYPE 11 - 6" X 8" WHITE DELINEATORS	0.67														INSTALL NEW DELINEATORS (2) BACK-TO-BACK ON A POST LOCATED 63' WEST OF AND ACROSS FROM MAILBOX # 255		4					
EB	MM 0.232 RT	A B		6	8		(2) TYPE 11 - 6" X 8" WHITE DELINEATORS	0.67														INSTALL NEW DELINEATORS (2) BACK-TO-BACK ON A POST LOCATED 58' EAST OF AND ACROSS FROM MAIL BOX # 255		4					
EB	MM 0.263 RT	A B		6	8		(2) TYPE 11 - 6" X 8" WHITE DELINEATORS	0.67														INSTALL NEW DELINEATORS (2) BACK-TO-BACK ON A POST LOCATED 74' WEST OF AND ACROSS FROM POLE # GMP/2/6-2		4					
EB	MM 0.312 RT	A B		6	8		(2) TYPE 11 - 6" X 8" WHITE DELINEATORS	0.67														INSTALL NEW DELINEATORS (2) BACK-TO-BACK ON A POST LOCATED ACROSS FROM MAILBOX # 331		4					
EB	MM 0.350 RT - MM 0.395 RT	A B		6	8		(10) TYPE 11 - 6" X 8" WHITE DELINEATORS	3.33														INSTALL NEW DELINEATORS (10) BACK-TO-BACK 60 FT APART ON 5 POSTS. LOCATE THE FIRST ONE 201' EAST OF AND ACROSS FROM MAILBOX # 331		4					
EB	MM 0.551 RT	A	W1-3L	30	30			6.25						1	15							INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 248' WEST OF AND ACROSS FROM MAILBOX # 647	X						
EB	MM 0.551 RT	A	W13-1P	18	18			2.25														INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-3L LOCATED 248' WEST OF AND ACROSS FORM MAILBOX # 647	X						
EB	MM 0.584 RT	A	W1-3L	30	30								X	X								REMOVE EXISTING REVERSE TURN LEFT SIGN AND POST LOCATED 74' WEST OF AND ACROSS FROM MAILBOX # 647							
EB	MM 0.588 RT	A	W1-6L	48	24			8.00						2	30							INSTALL A NEW LARGE LEFT ARROW SIGN ON TWO POSTS LOCATED 74' WEST OF AND ACROSS FROM MAILBOX # 647	X						
EB	MM 0.590 RT	B	W1-6R	48	24			8.00						2	30							INSTALL A NEW LARGE RIGHT ARROW SIGN ON TWO POSTS LOCATED 42' WEST OF AND ACROSS FROM MAILBOX # 647	X						
WB	MM 0.654 LT	E	W1-6R	48	24			8.00						2	30							INSTALL A NEW LARGE RIGHT ARROW SIGN ON TWO POSTS LOCATED 296' EAST OF MAILBOX # 647	X						
WB	MM 0.660 LT	F	W1-6L	48	24			8.00						2	30							INSTALL A NEW LARGE LEFT ARROW SIGN ON TWO POSTS LOCATED 327' EAST OF MAILBOX # 647	X						
WB	MM 0.693 LT	F	W1-5R	30	30							X	X									REMOVE EXISTING WINDING ROAD SIGN AND POST LOCATED 502' EAST OF MAILBOX # 647							
<p>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".</p>										EA	EA	EA	EA	EA	EA		FT	FT	FT	LB	LB	LB	LB	<p>PROJECT NAME: STATEWIDE NORTHWEST REGION PROJECT NUMBER: STP HRRR(17)</p> <p>FILE NAME: moretowntrafficsign2.dgn PLOT DATE: 1/22/2014 PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE MORETOWN TRAFFIC SIGN SUMMARY SHEET 2 SHEET 39 OF 73</p>					
								SF	SF	EA	EA	EA	EA	EA		FT	EA	LB											
								52.51		2			3	11		165													

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	PLATE IN		PLATE OVER	POSTS	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
									lb/ft		lb/ft																			
									1.88	2.42	3.35																			
WB	MM 0.693 LT	F	W1-3L	30	30			6.25						1		15								INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 502' EAST OF MAILBOX # 647	X					
WB	MM 0.693 LT	F	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-3L LOCATED 502' EAST OF MAILBOX # 647	X						
EB	MM 0.783 RT	F	W2-7R	30	30			6.25						1		15							INSTALL A NEW OFFSET INTERSECTION SIGN AND POST LOCATED 977' EAST OF AND ACROSS FROM MAILBOX # 647	X						
EB	MM 0.783 RT	F	W16-8P	36	15			3.75															INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-7R LOCATED 977' EAST OF AND ACROSS FROM MAILBOX # 647		16					
WB	MM 0.822 LT	F	R2-1	24	30			5.00						1		15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 913' WEST OF MAILBOX # 1048	X						
WB	MM 0.832 LT	F	R2-1	24	30								X	X									REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 861' WEST OF MAILBOX # 1048							
EB	MM 0.852 RT	D	R1-1	30	30			6.25						1		15							INSTALL A NEW STOP SIGN AND POST LOCATED 755' WEST OF AND ACROSS FROM MAILBOX # 1048	X						
EB	MM 0.852 RT	A B	D3-1	54	12			4.50					X	X	2		30						REPLACE EXISTING STREET NAME SIGN ON TWO POSTS LOCATED 755' WEST OF AND ACROSS FROM MAILBOX # 1048		15					
WB	MM 0.859 LT	F E	D3-1	54	12			4.50						2		30							INSTALL A NEW STREET NAME SIGN ON TWO POSTS LOCATED 718' WEST OF MAILBOX # 1048		14					
WB	MM 0.859 LT	H	R1-1	30	30			6.25						1		15							INSTALL A NEW STOP SIGN AND POST LOCATED 718' WEST OF MAILBOX # 1048	X						
WB	MM 0.875 LT	F E	D3-1	54	12								X	X									REMOVE EXISTING STREET NAME SIGN AND POST LOCATED 634' WEST OF MAILBOX # 1048							
EB	MM 0.887 RT	A	R2-1	24	30			5.00						1		15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 570' WEST OF AND ACROSS FROM MAILBOX # 1048	X						
WB	MM 0.916 LT	F	W2-7R	30	30			6.25						1		15							INSTALL A NEW INTERSECTION WARNING SIGN AND POST LOCATED 417' WEST OF MAILBOX # 1048	X						
WB	MM 0.916 LT	F	W16-8P	36	15			3.75															INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-7R LOCATED 417' WEST OF MAILBOX # 1048		16					
											EA	EA	EA	EA	EA	EA	3	3	FT	FT	FT	LB	LB	LB	LB					
								SF	SF		EA	EA	EA	EA	EA	EA	11	FT	165	FT	EA	LB					PROJECT NAME: STATEWIDE NORTHWEST REGION PROJECT NUMBER: STP HRRR(17) FILE NAME: moretowntrafficsign3.dgn PLOT DATE: 1/22/2014 PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE MORETOWN TRAFFIC SIGN SUMMARY SHEET 3 SHEET 40 OF 73			

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".

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL										
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R-1-A-1		R-1-B-1	R-1-C-1	R-1-D-1	1.75	2.00	2.50	FOUNDATION			3.00	3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER				
																																lb/ft	lb/ft	lb/ft	lb/ft
EB	MM 1.627 RT	A	W1-10R	30	30			6.25									1	15										INSTALL A NEW CURVE RIGHT SIDEROAD LEFT SIGN AND POST LOCATED 26' WEST OF POLE # WASH ELEC/50/R1	X						
EB	MM 1.627 RT	A	W16-8P	36	8			2.00																				INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE W1-10R SIGN LOCATED 26' WEST OF POLE # WASH ELEC/50/R1		16					
EB	MM 1.627 RT	A	W13-1P	18	18			2.25																				INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE W16-8P SIGN LOCATED 26' WEST OF POLE # WASH ELEC/50/R1	X						
WB	MM 1.649 LT	F	R2-1	24	30			5.00										1	15									REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 90' EAST OF AND ACROSS FROM POLE # WASH ELEC/50/R1	X						
WB	MM 1.675 LT	H	R1-2	36	36			4.50										1	15									INSTALL A NEW YIELD SIGN AND POST LOCATED ADJACENT TO POLE # CO-OP/50/R	X						
WB	MM 1.675 LT	F	D3-1	36	12			3.00																				INSTALL A NEW STREET NAME SIGN ABOVE AND ON THE SAME POST AS THE NEW R1-2 SIGN LOCATED ADJACENT TO POLE # CO-OP/50/R		14					
EB	MM 1.677 RT	C	W1-7	48	24			8.00										2	30									INSTALL A NEW LARGE DOUBLE ARROW SIGN ON TWO POSTS LOCATED 11' EAST OF AND ACROSS FROM POLE # CO-OP/50/R	X						
EB	MM 1.714 RT	A	R2-1	24	30			5.00										1	15									REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 58' EAST OF POLE # 114/25	X						
WB	MM 1.751 LT	F	W1-10L	36	36			9.00										2	30									INSTALL A NEW CURVE LEFT SIDEROAD SIGN ON TWO POSTS LOCATED 137' EAST OF AND ACROSS FROM POLE # 114/25	X						
WB	MM 1.751 LT	F	W16-8P	36	8			2.00																				INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE W1-10L SIGN LOCATED 137' EAST OF AND ACROSS FROM POLE # 114/25		16					
WB	MM 1.751 LT	F	W13-1P	18	18			2.25																				INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE W16-8P SIGN LOCATED 137' EAST OF AND ACROSS FROM POLE # 114/25	X						
EB	MM 1.849 RT						I BEAM POST																					REMOVE EXISTING I BEAM POST LOCATED 259' WEST OF POLE # 28							
WB	MM 1.898 LT	F	W1-2L	30	30			6.25										1	15									INSTALL A NEW CURVE LEFT SIGN AND POST LOCATED ACROSS FROM POLE # 28	X						
WB	MM 2.308 LT	F	R2-1	24	30			5.00										1	15									REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 106' WEST OF AND ACROSS FROM POLE # CO-OP/5	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	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
								60.50		2								10																	

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: moretowntrafficsign4.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 MORETOWN TRAFFIC SIGN SUMMARY SHEET 4 SHEET 41 OF 73
 PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE

TRAFFIC SIGN SUMMARY SHEET

5

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL								
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		RELOCATE	POSTS	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER			
																															lb/ft	lb/ft	lb/ft
WB	MM 2.328 LT	F	W7-1	30	30			6.25						1		15							INSTALL A NEW HILL SIGN AND POST LOCATED ACROSS FROM POLE # CO-0P/5	X									
EB	MM 2.348 RT	A	R2-1	24	30			5.00					X	X	1		15						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 106' EAST OF POLE # CO-0P/5	X									
EB	MM 2.408 RT	A	W7-1	30	30			6.25						1		15							INSTALL A NEW HILL SIGN AND POST LOCATED 174' WEST OF POLE # WASH ELEC/65	X									
EB	MM 2.524 RT	A	W1-2R	30	30			6.25						1		15							INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED 243' WEST OF AND ACROSS FROM POLE # M0220K/F16580	X									
WB	MM 2.575 LT	F	W1-6L	48	24			8.00						2		30							INSTALL NEW LARGE RIGHT ARROW SIGN ON TWO POSTS LOCATED 26' EAST OF POLE # M0220K/F16580	X									
WB	MM 2.575 LT	E	W1-6R	48	24			8.00						2		30							INSTALL A NEW LARGE LEFT ARROW SIGN ON TWO POSTS LOCATED 26' EAST OF POLE # M0220K/F16580	X									
WB	MM 2.618 LT	F	W1-2L	30	30			6.25						1		15							INSTALL A NEW CURVE LEFT SIGN AND POST LOCATED 253' EAST OF POLE # M0220K/F16580	X									
EB	MM 2.796 RT	A	W1-2R	30	30			6.25						1		15							INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED 428' WEST OF AND ACROSS FROM POLE # WASH-ELEC/72	X									
EB	MM 3.818 RT	D	R1-1	30	30			6.25						1		15							INSTALL A NEW STOP SIGN AND POST LOCATED 16' EAST OF THE INTERSECTION OF DEVIL'S WASHBOWL ROAD	X									
EB	MM 3.819 RT	A B	D3-1	72	12		Devils Washbowl Rd	6.00						2		30							INSTALL A NEW STREET NAME SIGN ON TWO POSTS LOCATED 16' EAST OF THE INTERSECTION OF DEVIL'S WASHBOWL ROAD		14								
EB	MM 3.826 RT	A	R2-1	24	30			5.00					X	X	1		15						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 58' EAST OF THE INTERSECTION OF DEVIL'S WASHBOWL ROAD	X									
EB	MM 4.208 RT	A	W1-2L	30	30			6.25						1		15							INSTALL A NEW CURVE LEFT SIGN AND POST LOCATED 106' EAST OF POLE # 11/63/R19	X									
EB	MM 4.224 RT	F E	W1-8	18	24			3.00						1		15							INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 100' WEST OF POLE # WASH-ELEC/941	X									
EB	MM 4.258 RT	F E	W1-8	18	24			3.00						1		15							INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 79' EAST OF POLE # WASH ELEC/941	X									
EB	MM 4.291 RT	F E	W1-8	18	24			3.00						1		15							INSTALL TWO NEW CHEVRONS ON ONE POST USING A BRACKET LOCATED 63' EAST OF AND OPPOSITE POLE # 114/WASHELEC/63/R21	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".										EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
								SF	SF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		
								93.75		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: moretowntrafficsign5.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 MORETOWN TRAFFIC SIGN SUMMARY SHEET 5 SHEET 42 OF 73












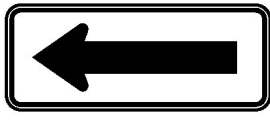

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REMOVE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM
														lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft							
WB	MM 4.313 LT	F	W1-2R	30	30			6.25														INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED ACROSS FROM MAILBOX # 4500	X				
EB	MM 4.377 RT	A	W1-2R	30	30			6.25														INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED ACROSS FROM POLE # 112/63	X				
WB	MM 4.395 LT	F	R2-1	24	30			5.00					X	X								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 95' EAST OF POLE # 112/63	X				
WB	MM 4.398 LT TO MM 4.442 LT	F E		6	8		(10) TYPE 11 - 6" X 8" WHITE DELINEATORS	3.33														INSTALL NEW DELINEATORS (10) BACK-TO-BACK 60 FEET APART ON 5 POSTS, INSTALL FIRST 111' EAST OF POLE # 112/63			4		
EB	MM 4.529 RT	A	R2-1	24	30			5.00					X	X								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 106' WEST OF AND ACROSS FROM POLE # 109	X				
EB	MM 4.774 RT	A	W1-2R	30	30			6.25														INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED 74' EAST OF POLE # WASH-ELEC/104/105	X				
WB	MM 4.786 LT TO MM 4.865 LT	F E		6	8		(16) TYPE 11 - 6" X 8" WHITE DELINEATORS	5.33														INSTALL NEW DELINEATORS (16) BACK-TO-BACK 60 FEET APART ON 8 POSTS, INSTALL FIRST 137' EAST OF AND OPPOSITE POLE # WASH-ELEC/104/105			4		
WB	MM 4.838 LT	F	W1-2L	30	30			6.25														INSTALL A NEW CURVE LEFT SIGN AND POST LOCATED 148' WEST OF AND OPPOSITE POLE # 103	X				
WB	MM 4.866 LT	F	R2-1	24	30			5.00					X	X								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED ACROSS FROM POLE # 103	X				
WB	MM 4.891 LT	F E	D3-1	36	12			3.00														INSTALL A NEW STREET NAME SIGN ON TWO NEW POST LOCATED 132' EAST OF AND ACROSS FROM POLE # 103			14		
EB	MM 4.917 RT	A	R2-1	24	30			5.00					X	X								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 269' EAST OF POLE # 103	X				
WB	MM 4.992 LT	F E	D3-1	42	12			3.50					X	X								REPLACE EXISTING STREET NAME SIGN ON TWO NEW POSTS LOCATED 259' WEST OF POLE # 100/100			14		
EB	MM 5.023 RT	A B		6	8		(2) TYPE 11 - 6" X 8" WHITE DELINEATORS	0.67														INSTALL NEW DELINEATORS (2) BACK-TO-BACK ON A POST LOCATED 95' WEST OF AND ACROSS FROM POLE # 100/100			4		
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																			
							60.83																				

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)

FILE NAME: moretowntrafficsign6.dgn PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
MORETOWN TRAFFIC SIGN SUMMARY SHEET 6 SHEET 43 OF 73

TRAFFIC SIGN SUMMARY SHEET 7












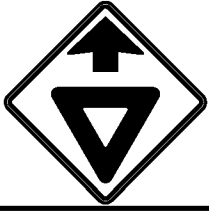
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REMAIN		REMOVE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
EB	MM 5.442 RT	A	W1-3L	30	30			6.25															INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 174' WEST OF MAILBOX # 5736	X					
EB	MM 5.442 RT	A	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-3L LOCATED 174' WEST OF MAILBOX # 5736	X					
WB	MM 5.484 LT TO MM 5.518 LT	F E		6	8		(8) TYPE 11 - 6" X 8" WHITE DELINEATORS	2.66															INSTALL NEW DELINEATORS (8) BACK-TO-BACK 60 FEET APART ON 4 POSTS, INSTALL FIRST 48' EAST OF AND ACROSS FROM MAILBOX # 5736		4				
WB	MM 5.553 LT	F	W1-3L	30	30			6.25															INSTALL A NEW REVERSE TURN LEFT SIGN AND POST LOCATED 412' EAST OF AND ACROSS FROM MAILBOX # 5736	X					
WB	MM 5.553 LT	F	W13-1P	18	18			2.25															INSTALL NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-3L LOCATED 412' EAST OF AND ACROSS FROM MAILBOX # 5736	X					
EB	MM 5.755 RT	A	W1-10R	36	36			9.00															INSTALL A NEW CURVE RIGHT SIDEROAD SIGN AND POST LOCATED ADJACENT TO POLE # 83/11	X					
EB	MM 5.755 RT	A	W16-8P	36	8			2.00															INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE W1-10R SIGN LOCATED ADJACENT TO POLE # 83/11		16				
WB	MM 5.765 LT	F	OM1-1	18	18																		REMOVE EXISTING OBJECT MARKER LOCATED 53' EAST OF AND ACROSS FROM POLE # 83/11						
WB	MM 5.771 LT	F	R2-1	24	30			5.00															REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 84' EAST OF AND ACROSS FROM POLE # 83/11	X					
WB	MM 5.771 LT	F	TOWN SIGN	30	30																		REMOVE EXISTING CHILDREN AT PLAY SIGN LOCATED 84' EAST OF AND ACROSS FROM POLE # 83/11						
WB	MM 5.784 LT	F E	D3-1	36	12			3.00															REPLACE THE EXISTING STREET NAME SIGN ON TWO POSTS LOCATED 153' EAST OF AND ACROSS FROM POLE # 83/11		15				
WB	MM 5.791 LT	F	W1-6L	48	24			8.00															INSTALL NEW LARGE RIGHT ARROW SIGN ON TWO POSTS LOCATED 190' EAST OF AND ACROSS FROM POLE # 83/11	X					
WB	MM 5.791 LT	E	W1-6R	48	24			8.00															INSTALL A NEW LARGE LEFT ARROW SIGN ON TWO POSTS LOCATED 190' EAST OF AND ACROSS FROM POLE # 83/11	X					
WB	MM 5.794 RT	F	W1-6L	48	24																		REMOVE EXISTING LARGE LEFT ARROW SIGN AND POSTS LOCATED 206' EAST OF AND ACROSS FROM POLE # 81/11						

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	
5					4			165			LB		
SF	SF	EA	EA	EA	FT	EA	EA						
54.66		5	4	11	165								

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: moretowntrafficsign7.dgn PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
MORETOWN TRAFFIC SIGN SUMMARY SHEET 7 SHEET 44 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS				NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE		REPAIR	REMOVE	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
WB	MM 6.242 LT	F	R2-1	24	30							X	X									REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 158' EAST OF AND ACROSS FROM POLE # 65							
EB	MM 6.256 RT	A	TOWN SIGN	30	30							X	X									REMOVE EXISTING MACHINES CROSSING SLOWLY SIGN AND POST LOCATED 232' EAST OF POLE # 65							
EB	MM 6.256 RT	A	R2-1	24	30			5.00						1	15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 232' EAST OF POLE # 65	X						
WB	MM 6.256 LT	F	R2-1	24	30			5.00						1	15							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 232' EAST OF AND ACROSS FROM POLE # 65	X						
EB	MM 6.256 RT	A	VD-024	72	10			5.00						2	30							INSTALL A NEW TOWN LINE SIGN ON TWO POSTS LOCATED 232' EAST OF POLE # 65		16					
EB	MM 6.260 RT	A	R2-1	24	30							X	X									REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 253' EAST OF POLE # 65							
EB	MM 6.260 RT	A	VR-017	24	30							X										REMOVE EXISTING LEGAL LOAD LIMIT SIGN LOCATED 253' EAST OF POLE # 65							
							MORETOWN COMMON ROAD																						
SB	MM 0.008 LT	H G	D3-1	72	12			6.00				X	X	2	30							REPLACE EXISTING STREET NAME SIGN AND POSTS LOCATED 32' SOUTH OF AND ACROSS FROM MAILBOX # 157		15					
SB	MM 0.008 LT	F	R1-2	36	36			4.50						1	15							INSTALL A NEW YIELD SIGN AND POST LOCATED 32' SOUTH OF AND ACROSS FROM MAILBOX # 157	X						
NB	MM 0.016 RT	A	R2-1	24	30			5.00				X	X	1	15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 11' NORTH OF MAILBOX # 157	X						
SB	MM 0.018 LT	F	R1-2	36	36							X	X									REMOVE EXISTING YIELD SIGN AND POST LOCATED 21' NORTH OF AND ACROSS FROM MAILBOX # 157							
SB	MM 0.058 LT	F	W3-2	30	30			6.25						1	15							INSTALL A NEW YIELD AHEAD SIGN AND POST LOCATED 15' NORTH OF POLE # GMP/781-30	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".

EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB
7						135			LB			
SF	SF	EA	EA	EA	EA	FT	EA	LB				
36.75		7	6	9		135						

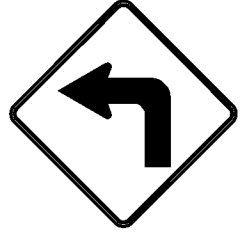

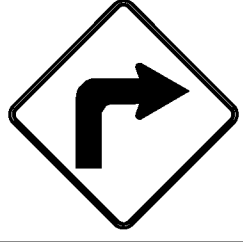

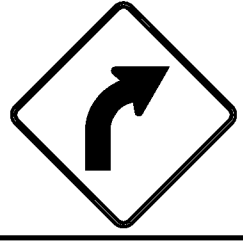





PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: moretowntrafficsign9.dgn PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
MORETOWN TRAFFIC SIGN SUMMARY SHEET 9 SHEET 46 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL																		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REMOVE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER														
																														lb/ft	lb/ft	lb/ft	lb/ft										
							WES WHITE HILL ROAD																																				
SB	MM 0.000 LT	F	R2-1	24	30									X	X																		REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 340' SOUTH OF THE RICHMOND HUNTINGTON TOWN LINE										
SB	MM 0.000 LT	F	R2-5	24	30										X	X																	REMOVE EXISTING REDUCED SPEED AHEAD SIGN AND POST LOCATED AT THE RICHMOND HUNTINGTON TOWN LINE										
SB	MM 0.000 LT	F	R2-1	24	30			6.25																			X						INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED AT THE RICHMOND HUNTINGTON TOWN LINE										
NB	MM 0.000 RT	C	VD-024	72	10		Richmond Huntington	5.00									2																		INSTALL A NEW TOWN LINE SIGN ON TWO NEW POSTS LOCATED AT THE RICHMOND HUNTINGTON TOWN LINE		16						
NB	MM 0.007 RT	A	R2-1	24	30			5.00																			X							INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 37' NORTH OF THE RICHMOND HUNTINGTON TOWN LINE									
NB	MM 0.056 RT	A	R2-1	24	30									X	X																			REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 296' NORTH OF THE RICHMOND HUNTINGTON TOWN LINE									
NB	MM 0.241 RT	A	W1-3R	30	30			6.25										1									X							INSTALL A NEW RIGHT REVERSE TURN SIGN AND POST LOCATED 1273' NORTH OF THE RICHMOND HUNTINGTON TOWN LINE									
NB	MM 0.241 RT	A	W13-1P	18	18			2.25																			X							INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-3R SIGN LOCATED 1273' NORTH OF THE RICHMOND HUNTINGTON TOWN LINE									
NB	MM 0.321 - MM 0.366	A B		6	8		(10) TYPE II - 6" X 8" WHITE DELINEATORS	3.33																											INSTALL NEW DELINEATORS (10) BACK-TO-BACK 60 FEET APART ON 5 NEW POSTS. INSTALL THE FIRST 1695' NORTH OF THE HUNTINGTON, RICHMOND TOWN LINE			4					
SB	MM 0.432 LT	F	W1-3R	30	30			6.25										1									X							INSTALL A NEW REVERSE TURN RIGHT SIGN AND POST LOCATED 1827' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD									
SB	MM 0.432 LT	F	W13-1P	18	18			2.25																			X							INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L SIGN LOCATED 1362' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD									
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	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: richmondtrafficsign.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 RICHMOND TRAFFIC SIGN SUMMARY SHEET 1

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 49 OF 73

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REMOVE	NO. OF NEW POSTS	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
EB	MM 0.520 RT	A	WI-1L	30	30			6.25							1	15								INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 1362' SOUTH OF AND ACROSS FROM THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
EB	MM 0.520 RT	A	WI3-1P	18	18			2.25																INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-1 SIGN LOCATED 1362' SOUTH OF AND ACROSS FROM THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
NB	MM 0.538 - MM 0.595	A B		6	8		(12) TYPE 11 - 6" X 8" WHITE DELINEATORS	4.00																INSTALL NEW DELINEATORS (12) BACK-TO-BACK 60 FEET APART ON 6 POSTS. INSTALL THE FIRST 1267' SOUTH OF AND OPPOSITE THE INTERSECTION OF DURAND ROAD			4			
SB	MM 0.611 LT	F	WI-1R	30	30			6.25							1	15								INSTALL A NEW TURN RIGHT SIGN AND POST LOCATED 882' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
SB	MM 0.611 LT	F	WI3-1P	18	18			2.25																INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW WI-1R SIGN LOCATED 882' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
NB	MM 0.671 RT	A	WI-2R	30	30			6.25							1	15								INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED 565' SOUTH OF AND ACROSS FROM THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
SB	MM 0.760 LT	F	WI-2L	30	30			6.25							1	15								INSTALL A NEW CURVE LEFT SIGN AND POST LOCATED 95' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
SB	MM 0.776 LT	H	R1-1	30	30			6.25							1	15								REPLACE EXISTING STOP SIGN AND POST LOCATED 11' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
SB	MM 0.776 LT	E F	D3-1	42	12			3.50							2	30								REPLACE EXISTING STREET NAME SIGN ABOVE THE STOP SIGN ON TWO POSTS LOCATED 11' SOUTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD			14			
NB	MM 0.801 RT	A	R2-1	24	30			5.00							1	15								REPLACE THE EXISTING SPEED LIMIT SIGN AND POST LOCATED 121' NORTH OF AND ACROSS FROM THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	X					
SB	MM 0.806 LT	F	R2-1	24	30			5.00							1	15								REPLACE THE EXISTING SPEED LIMIT SIGN AND POST LOCATED 148' NORTH OF THE INTERSECTION OF DURAND ROAD AND WES WHITE HILL ROAD	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						
								53.25		4	4						135													

PROJECT NAME: STATEWIDE NORTHWEST REGION

PROJECT NUMBER: STP HRRR(17)

FILE NAME: richmondtraffic2.dgn **PLOT DATE:** 1/22/2014

PROJECT LEADER: J. DEVLIN **DRAWN BY:** N. PATTIS

DESIGNED BY: N. PATTIS **CHECKED BY:** B. GROSE

RICHMOND TRAFFIC SIGN SUMMARY SHEET 2 SHEET 50 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL			
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		RELOCATE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER
SB	MM 1.213 LT	F	R2-1	24	30			5.00						X		X	1	15							REPLACE THE EXISTING SPEED LIMIT SIGN AND POST LOCATED 100' SOUTH OF AND ACROSS FROM MAILBOX # 1849	X		
SB	MM 1.214 LT - MM 1.248 LT	E F		6	8		(8) TYPE 11 - 6"X 8" WHITE DELINEATORS	2.66																	INSTALL NEW DELINEATORS (8) BACK-TO-BACK 60 FEET APART ON 4 POSTS, INSTALL THE FIRST ONE 95' SOUTH OF AND ACROSS FROM MAILBOX # 1849		4	
NB	MM 1.337 RT	A	W1-1R	30	30			6.25									1	15							INSTALL A NEW TURN RIGHT SIGN AND POST LOCATED 53' SOUTH OF MAILBOX # 1747	X		
NB	MM 1.337 RT	A	W13-1P	18	18			2.25																	INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1R SIGN LOCATED 53' SOUTH OF MAILBOX # 1747	X		
SB	MM 1.347 LT - MM 1.493 LT	E F		6	8		(30) TYPE 11 6"X 8" WHITE DELINEATORS	10.00																	INSTALL NEW DELINEATORS (30) BACK-TO-BACK 55 FEET APART ON 15 POSTS, INSTALL FIRST ACROSS FROM MAILBOX # 1747		4	
SB	MM 1.471 LT	F	W1-1L	30	30			6.25									1	15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 655' NORTH OF AND ACROSS FROM MAILBOX # 1747	X		
SB	MM 1.471 LT	F	W13-1P	18	18			2.25																	INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L SIGN LOCATED 655' NORTH OF AND ACROSS FROM MAILBOX # 1747	X		
SB	MM 1.603 LT	F	R2-1	24	30			5.00						X		X	1	15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 581' SOUTH OF AND ACROSS FROM MAILBOX # 1376	X		
NB	MM 1.623 RT	A	R2-1	24	30										X	X									REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 475' SOUTH OF MAILBOX # 1376			
NB	MM 1.623 RT	A	W1-1L	30	30			6.25									1	15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 475' SOUTH OF MAILBOX # 1376	X		
NB	MM 1.623 RT	A	W13-1P	18	18			2.25																	INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L SIGN LOCATED 475' SOUTH OF MAILBOX # 1376	X		


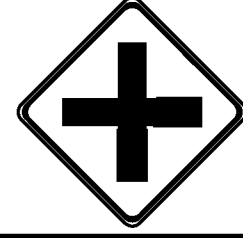
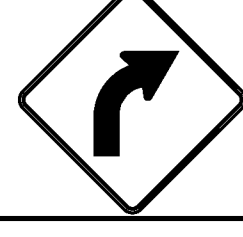


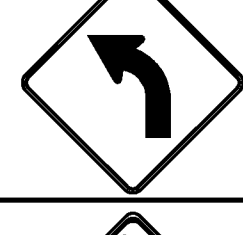
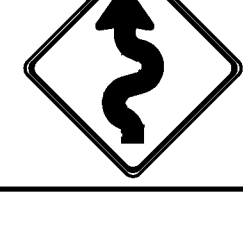
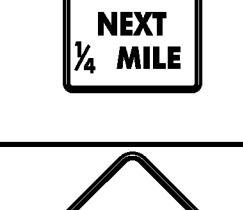


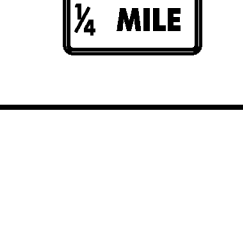
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".

EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB
			3	3								
SF	SF	EA	EA	EA	FT	EA	EA					
48.16		3	3	5	75	75						

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: richmondtraffic3.dgn
PROJECT LEADER: J. DEVLIN
DESIGNED BY: N. PATTIS
RICHMOND TRAFFIC SIGN SUMMARY SHEET 3

PLOT DATE: 1/22/2014
DRAWN BY: N. PATTIS
CHECKED BY: B. GROSE
SHEET 51 OF 73

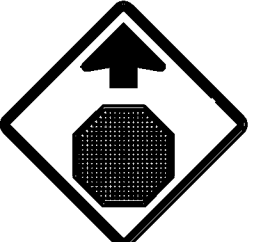






TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REPLACE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
NB	MM 2.255 RT	A	W7-1	30	30			6.25								1		15									INSTALL A NEW HILL SYMBOL SIGN AND POST LOCATED 364' NORTH OF MAILBOX # 909		X
SB	MM 2.302 LT	F	W2-1	30	30			6.25								1		15								INSTALL A NEW CROSSROADS SIGN AND POST LOCATED 359' SOUTH OF POLE # 211/15		X	
NB	MM 2.507 RT	A	W1-2R	30	30			6.25								1		15								INSTALL A NEW CURVE RIGHT SIGN AND POST LOCATED 723' NORTH OF AND ACROSS FROM POLE # 211/15		X	
SB	MM 2.520 LT - MM 2.577 LT	E F		6 6	8 8		(12) TYPE 11 6"X 8" WHITE DELINEATORS	4.00																		INSTALL NEW DELINEATORS (12) BACK-TO-BACK SPACED AT 60 FEET APART ON 6 NEW POSTS, INSTALL THE FIRST ONE 676' SOUTH OF POLE # CTC/9			4
NB	MM 2.581 RT	A	R2-1	24	30			5.00								1		15								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 354' SOUTH OF AND ACROSS FROM POLE # CTC/9		X	
SB	MM 2.581 LT	F	R2-1	24	30			5.00								1		15								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 354' SOUTH OF POLE # CTC/9		X	
SB	MM 2.605 LT	F	W1-2L	30	30			6.25								1		15								INSTALL A NEW CURVE LEFT SIGN AND POST LOCATED 227' SOUTH OF POLE # CTC/9		X	
NB	MM 2.648 RT	A	W1-5L	30	30			6.25								1		15								INSTALL A NEW WINDING ROAD LEFT SIGN AND POST LOCATED ACROSS FROM POLE # CTC/9		X	
NB	MM 2.648 RT	A	W7-3A	24	18			3.00																		INSTALL A NEW NEXT 1/4 MILE SIGN BENEATH AND ON THE SAME POST AS THE NEW W1-5L SIGN LOCATED ACROSS FROM POLE # CTC/9		X	
SB	MM 2.845 LT	F	VW-60	30	30			6.25								1		15								REPLACE THE EXISTING HIDDEN DRIVES SIGN AND POST LOCATED 74' SOUTH OF AND ACROSS FROM MAILBOX # 227			13
SB	MM 2.882 LT	F	W1-5L	30	30			6.25								1		15								INSTALL A NEW WINDING ROAD LEFT SIGN AND POST LOCATED 121' NORTH OF AND ACROSS FROM MAILBOX # 227		X	
SB	MM 2.882 LT	F	W7-3A	24	18			3.00																		INSTALL A NEW NEXT 1/4 MILE SIGN BENEATH AND ON THE SAME POST AS THE NEW W1-5L SIGN LOCATED 121' NORTH OF AND ACROSS FROM MAILBOX # 227		X	

TRAFFIC SIGN SUMMARY SHEET

6

RICHMOND
WES WHITE HILL ROAD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL						
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RE-PAINT		REPLACE	POSTS	FOUNDA-TION	3.00	3.50	4.00	5.00			7.60	9.00	10.80	14.60	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
NB	MM 3.018 RT	A	W3-1	30	30			6.25																	INSTALL A NEW STOP AHEAD SIGN AND POST LOCATED 840' NORTH OF MAILBOX # 227	X					
SB	MM 3.018 LT	F	R2-1	24	30								X	X											REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 840' NORTH OF AND ACROSS FROM MAILBOX # 227						
NB	MM 3.100 RT	A	R1-1	30	30			6.25					X	X											REPLACE EXISTING STOP SIGN AND POST LOCATED 1272' NORTH OF MAILBOX # 227	X					
SB	MM 3.100 LT	F	VR-17	24	30								X	X											REMOVE THE EXISTING LEGAL LOAD LIMIT SIGN AND POST LOCATED 1272' NORTH OF AND ACROSS FROM MAILBOX # 227						
SB	MM 3.100 LT	F	R2-1	24	30			5.00																	INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 1272' NORTH OF AND ACROSS FROM MAILBOX # 227	X					
SB	MM 3.100 LT	F	D3-1	66	12			5.50					X	X											REPLACE THE EXISTING STREET NAME SIGN ON TWO NEW POSTS LOCATED 1272' NORTH OF AND ACROSS FROM MAILBOX # 227			15			
SB	MM 3.100 LT	F	D3-1	42	12			3.50					X												REPLACE THE EXISTING STREET NAME SIGN ABOVE AND ON THE SAME POSTS AS THE NEW D3-1 SIGN LOCATED 1272' NORTH OF AND ACROSS FROM MAILBOX # 227			14			

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	
5					4		75						
SF	SF	EA	EA	EA	FT	EA	EA						
26.50		5	4	5	75								

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: richmondtraffic6.dgn PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS CHECKED BY: B. GROSE
RICHMOND TRAFFIC SIGN SUMMARY SHEET 6 SHEET 54 OF 73

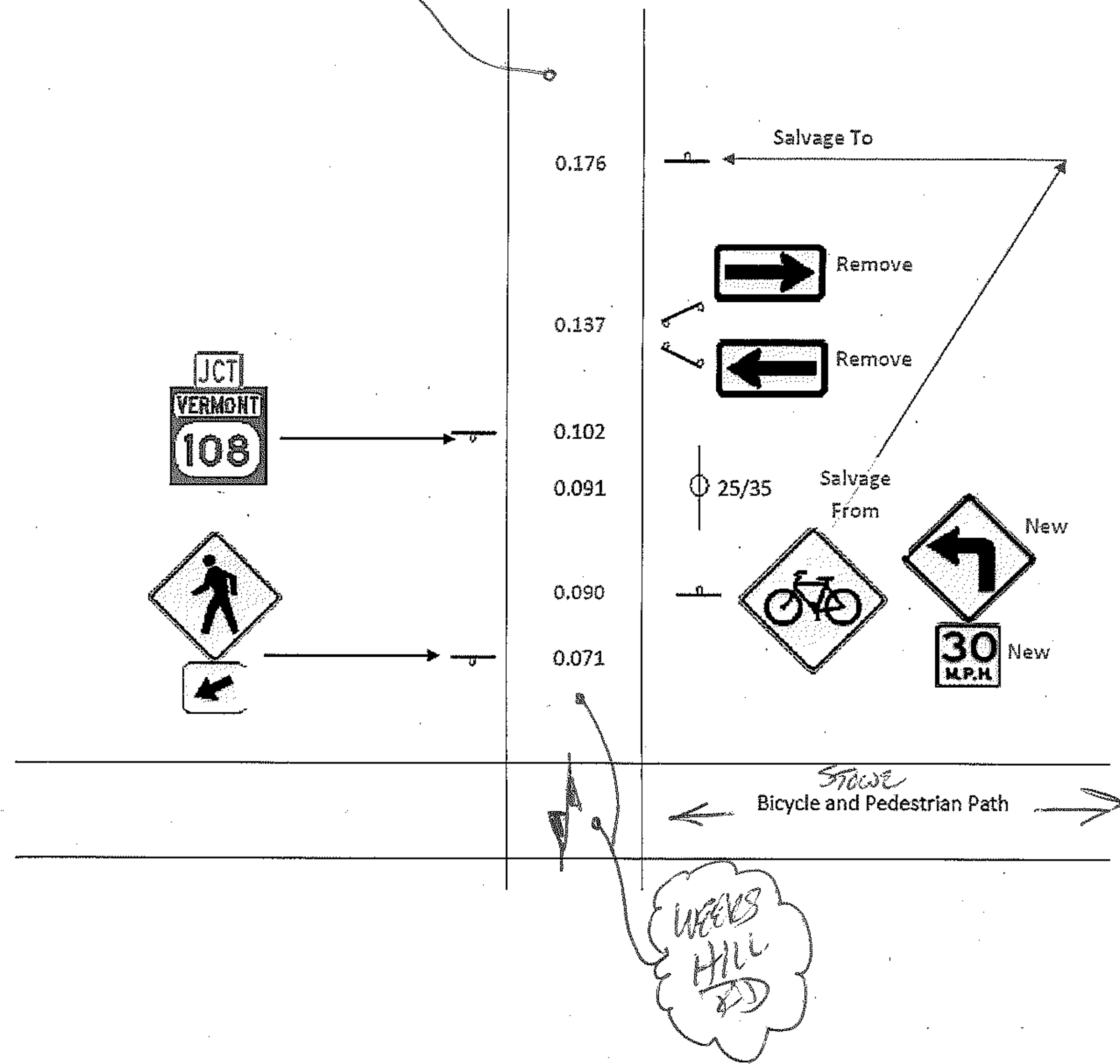
TRAFFIC SIGN SUMMARY SHEET 2

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS				EXISTING POST		NO. OF NEW	SQUARE STEEL (in)			TUBULAR STEEL O/(in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL								
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	FR	MR		1.75	2.00	2.50	3.00	3.50	4.00	5.00			DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER						
				lb/ft								lb/ft																						
SB	MM 0.071 LT	F	W11-2	30	30	FYG		6.25							1		15							INSTALL A NEW PEDESTRIAN SIGN AND POST LOCATED 74' NORTH OF POLE # 2/4-2/1	X									
SB	MM 0.071 LT	F	W16-7P	24	12	FYG		2.00																INSTALL A NEW DOWNWARD DIAGONAL ARROW SIGN BENEATH THE NEW W11-2 LOCATED 74' NORTH OF POLE # 2/4-2/1	X									
NB	MM 0.090 RT	A	R2-1	24	30							X	X											REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 5' SOUTH OF POLE # 25/35										
NB	MM 0.090 RT	A	W11-1	30	30		 	6.25							1		15							INSTALL A NEW BICYCLE SIGN AND POST LOCATED 5' SOUTH OF POLE # 25/35	X									
SB	MM 0.102 LT	F	M2-1	21	15			2.19							1		15							INSTALL A NEW JUNCTION SIGN AND POST LOCATED 58' NORTH OF AND ACROSS FROM POLE # 25/35				E-136B						
SB	MM 0.102 LT	F	M1-5	30	24			5.00																INSTALL A NEW STATE ROUTE SIGN BENEATH THE NEW M2-1 LOCATED 58' NORTH OF AND ACROSS FROM POLE # 25/35				E-136B						
NB	MM 0.136 RT	A	W1-6R	48	24		NOT INSTALLED SEE WO #3 	8.00							2		30							INSTALL A NEW LARGE LEFT ARROW SIGN ON TWO POSTS LOCATED 26' SOUTH OF AND ACROSS FROM POLE # 3/4	X									
NB	MM 0.137 RT	B	W1-6L	48	24		NOT INSTALLED SEE WO #3 	8.00							2		30							INSTALL A NEW LARGE RIGHT ARROW SIGN ON TWO POSTS LOCATED 21' SOUTH OF AND ACROSS FROM POLE # 3/4	X									
SB	MM 0.184 LT	F	W11-1	30	30							X	X											REMOVE EXISTING BICYCLE SIGN AND POST LOCATED 227' NORTH OF POLE # 3/4										
NB	MM 0.215 RT	A	W2-2R	30	30					X			X											RETAIN EXISTING SIDE ROAD RIGHT SIGN AND POST LOCATED 116' SOUTH OF POLE # 4-2/5/6										
NB	MM 0.215 RT	A	W16-8P	36	8					X			X											RETAIN EXISTING STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2R SIGN LOCATED 116' SOUTH OF POLE # 4-2/5/6										
SB	MM 0.237 LT	F	W11-1	30	30			6.25							1		15							INSTALL A NEW BICYCLE SIGN AND POST LOCATED ACROSS FROM POLE # 4-2/5/6	X									
NB	MM 0.256 RT	A	M4-5	24	12			2.00				X	X		1		15							REPLACE EXISTING "TO" SIGN AND POST LOCATED 100' NORTH OF POLE # 4-2/5/6				E-136B						
NB	MM 0.256 RT	A	M1-5	30	24			5.00				X												REPLACE EXISTING STATE ROUTE SIGN BENEATH THE M4-5 SIGN LOCATED 100' NORTH OF POLE # 4-2/5/6				E-136B						
NB	MM 0.256 RT	A	M6-1R	21	15			2.19				X												REPLACE EXISTING RIGHT ARROW SIGN BENEATH THE M1-5 SIGN LOCATED 100' NORTH OF POLE # 4-2/5/6				E-136B						
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	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
								53.13										135																
PROJECT NAME: STATEWIDE NORTHWEST REGION PROJECT NUMBER: STP HRRR(17) FILE NAME: stowetraffic2.dgn PROJECT LEADER: J. DEVLIN DESIGNED BY: N. PATTIS STOWE TRAFFIC SIGN SUMMARY SHEET 2																							PLOT DATE: 1/22/2014 DRAWN BY: N. PATTIS CHECKED BY: B. GROSE SHEET 57 OF 73											

SW HW REGION
STP HW R (17)

PER WRITTEN ORDER #3
"AS-BUILTS" DCH
3/10/15

Sketch of Extra Work detailed in writing above:
(Stowe ~ Weeks Hill Road)

















TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL						
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPAIR		REPLACE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER		
																														lb/ft	lb/ft
SB	MM 0.278 LT	F	TOWN SIGN	24	24																		REMOVE EXISTING VT ROUTE SIGN AND POST LOCATED 95' SOUTH OF AND ACROSS FROM POLE # 65AMP/11/8								
SB	MM 0.278 LT	F	M4-5	24	12			2.00						1		15							INSTALL A NEW "TO" SIGN AND POST LOCATED 95' SOUTH OF AND ACROSS FROM POLE # 65AMP/11/8				E-136B				
SB	MM 0.278 LT	F	M1-5	30	24			5.00															INSTALL A NEW STATE ROUTE SIGN BENEATH THE M4-5 SIGN LOCATED 95' SOUTH OF AND ACROSS FROM POLE # 65AMP/11/8				E-136B				
SB	MM 0.278 LT	F	M6-3	21	15			2.19															INSTALL A NEW FORWARD ARROW SIGN BENEATH THE M1-5 SIGN LOCATED 95' SOUTH OF AND ACROSS FROM POLE # 65AMP/11/8				E-136B				
NB	MM 0.280 RT	A B	D3-1	54	12			4.50						X		X	2						REPLACE EXISTING STREET NAME SIGN ON TWO NEW POSTS LOCATED 84' SOUTH OF POLE # 65AMP/11/8			14					
SB	MM 0.356 LT	F	W2-2L	30	30			6.25								1							INSTALL A NEW SIDE ROAD LEFT SIGN AND POST LOCATED ACROSS FROM POLE # 11/V/Z/13	X							
SB	MM 0.356 LT	F	W16-8P	36	8			2.00															INSTALL A NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2L SIGN LOCATED ACROSS FROM POLE # 11/V/Z/13			16					
SB	MM 0.385 LT	F	R2-1	24	30			5.00						X		X	1						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED ACROSS FROM POLE # 12/14	X							
SB	MM 0.420 LT	H	R1-1	30	30			6.25						X		X	1						REPLACE EXISTING STOP SIGN AND POST LOCATED 185' NORTH OF AND ACROSS FROM POLE # 12/14	X							
SB	MM 0.426 LT	F E	D3-1	42	12			3.50						X		X	2						REPLACE EXISTING STREET NAME SIGN AND POST LOCATED 238' NORTH OF AND ACROSS FROM POLE # 12/14			13					
NB	MM 0.452 RT	A	R2-1	24	30			5.00						X		X	1						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 354' NORTH OF POLE # 12/14	X							
SB	MM 0.452 LT	F	W11-1	30	30			6.25								1							INSTALL A NEW BICYCLE SIGN AND POST LOCATED 354' NORTH OF AND ACROSS FROM POLE # 12/14	X							
SB	MM 0.837 LT	F	R2-1	24	30			5.00						X		X	1						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 855' SOUTH OF AND ACROSS FROM POLE # 4-2/27/IN-ED-25	X							
NB	MM 0.951 RT	A	R2-1	24	30			5.00						X		X	1						REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 253' SOUTH OF POLE # 4-2/27/IN-ED-25	X							
<p>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".</p>																															
								SF	SF	EA	EA	EA	EA	EA	EA	EA	8	8	FT	FT	FT	EA	LB	LB	LB	LB					
								57.94		8	8	12	180																		

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: stowetrafficsign3.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 STOWE TRAFFIC SIGN SUMMARY SHEET 3

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 58 OF 73

TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL						
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	P-1-A-1-N		P-2-B-1-N	P-3-C-1-N	P-4-D-1-N	1.75	2.00	2.50	FOUNDATION			3.00	3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
NB	MM 1.279 RT	A	W11-4	30	30						X													RETAIN EXISTING CATTLE CROSSING SIGN AND POST LOCATED 533' SOUTH OF AND ACROSS FROM POLE # Z/A/4-2/35/34							
SB	MM 1.290 LT	F	R2-1	24	30			5.00						X	X	1	15								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 475' SOUTH OF POLE # Z/A/4-2/35/34	X					
NB	MM 1.370 RT	D	R1-1	30	30			6.25						X	X	1	15								REPLACE EXISTING STOP SIGN AND POST LOCATED 53' SOUTH OF AND ACROSS FROM POLE # Z/A/4-2/35/34	X					
NB	MM 1.370 RT	A B	D3-1	48	12			4.00						X	X	2	30								REPLACE EXISTING STREET NAME SIGN ON TWO NEW POSTS LOCATED 53' SOUTH OF AND ACROSS FROM POLE # Z/A/4-2/35/34			15			
SB	MM 1.389 LT	F	W11-4	30	30						X			X											RETAIN EXISTING CATTLE CROSSING SIGN AND POST LOCATED 48' NORTH OF POLE # Z/A/4-2/35/34						
NB	MM 1.410 RT	A	R2-1	24	30			5.00								1	15								INSTALL A NEW SPEED LIMIT SIGN AND POST LOCATED 16' SOUTH OF POLE # IN/ED/35	X					
SB	MM 1.413 LT	F	W2-2L	30	30						X			X											RETAIN EXISTING SIDE ROAD LEFT SIGN AND POST LOCATED ACROSS FROM POLE # IN/ED/35						
SB	MM 1.413 LT	F	W16-8P	34	8						X														RETAIN EXISTING STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE EXISTING W2-2L SIGN LOCATED ACROSS FROM POLE # IN/ED/35						
NB	MM 1.441 RT	A	R2-1	24	30									X	X										REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED ADJACENT TO POLE # Vofs/48/36/48						
SB	MM 1.505 LT	F	R2-1	24	30			5.00						X	X	1	15								REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 37' NORTH OF AND ACROSS FROM POLE # 38/Vofs/50/42/50	X					
NB	MM 1.706 RT	A	W8-3	30	30			6.25								1	15								INSTALL A NEW PAVEMENT ENDS SIGN AND POST LOCATED 58' SOUTH OF THE INTERSECTION OF ALPINE VIEW ROAD	X					
NB	MM 1.709 RT	A	R2-1	24	30									X	X										REMOVE EXISTING SPEED LIMIT SIGN AND POST LOCATED 42' SOUTH OF THE INTERSECTION OF ALPINE VIEW ROAD						
NB	MM 1.720 RT	D	R1-1	30	30			6.25								1	15								INSTALL A NEW STOP SIGN AND POST LOCATED 16' NORTH OF THE INTERSECTION OF ALPINE VIEW ROAD	X					
NB	MM 1.720 RT	A B	D3-1	54	12			4.50								2	30								INSTALL A NEW STREET NAME SIGN ON TWO NEW POSTS LOCATED 16' NORTH OF THE INTERSECTION OF ALPINE VIEW ROAD			13			

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 4	EA 6	EA 3	EA 6	FT 150	FT 150	EA	LB	LB	LB	LB
SF 42.25	SF	EA 10	EA 9	EA 10	FT 150	EA	LB			

PROJECT NAME: STATEWIDE NORTHWEST REGION
PROJECT NUMBER: STP HRRR(I7)
FILE NAME: stowetraffic4.dgn
PROJECT LEADER: J. DEVLIN
DESIGNED BY: N. PATTIS
STOWE TRAFFIC SIGN SUMMARY SHEET 4

PLOT DATE: 1/22/2014
DRAWN BY: N. PATTIS
CHECKED BY: B. GROSE
SHEET 59 OF 73

TRAFFIC SIGN SUMMARY SHEET

5

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REUSE	FOUNDA-TION	3.00	3.50	4.00	5.00	DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
																											1.75
NB	MM 1.934 RT	A	W5-1	30	30			6.25							1	15							INSTALL A NEW ROAD NARROWS SIGN AND POST LOCATED 95' SOUTH OF AND ACROSS FROM POLE # V of F/66/52/66	X			
SB	MM 2.025 LT	F	R2-1	24	30			5.00					X	X	1	15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 385' NORTH OF POLE # V of F/66/52/66	X			
NB	MM 2.205 RT	A	R2-1	24	30			5.00					X	X	1	15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 639' SOUTH OF AND OPPOSITE THE INTERSECTION OF WELLS ROAD	X			
SB	MM 2.329 LT	F E	D3-1	30	12			2.50					X	X	1	15							REPLACE EXISTING STREET NAME SIGN AND POST LOCATED 16' NORTH OF THE INTERSECTION OF WELLS ROAD		15		
NB	MM 2.654 RT	A	W1-1L	30	30																		REMOVE EXISTING TURN LEFT SIGN AND POST LOCATED 1336' NORTH OF AND ACROSS FROM POLE # 68				
NB	MM 2.654 RT	A	W13-1P	18	18								X										REMOVE EXISTING SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L 1336' NORTH OF AND OPPOSITE POLE # 68				
NB	MM 2.690 RT	A	W1-1L	30	30			6.25							1	15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 1526' NORTH OF AND OPPOSITE POLE # 68	X			
NB	MM 2.690 RT	A	W13-1P	18	18			2.25															INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L LOCATED 1526' NORTH OF AND OPPOSITE POLE # 68	X			
SB	MM 2.767 LT	F	W1-1R	30	30			6.25							1	15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 1932' NORTH OF POLE # 68	X			
SB	MM 2.767 LT	F	W13-1P	18	18			2.25															INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L LOCATED 1932' NORTH OF POLE # 68	X			
SB	MM 2.780 RT	F	W1-1R	30	30								X	X									REMOVE EXISTING TURN RIGHT SIGN AND POST LOCATED 1943' SOUTH OF MAILBOX # 256				
SB	MM 2.780 RT	F	W13-1P	18	18								X										REMOVE EXISTING SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE W1-1R LOCATED 1943' SOUTH OF MAILBOX # 256				
SB	MM 3.005 LT	F	R2-1	24	30			5.00					X	X	1	15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 755' SOUTH OF MAILBOX # 256	X			
NB	MM 3.189 RT	A	R2-1	24	30			5.00					X	X	1	15							REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 216' NORTH OF AND ACROSS FROM MAILBOX # 256	X			
NB	MM 3.385 RT	A	W1-2L	30	30								X	X									REMOVE EXISTING CURVE LEFT SIGN AND POST LOCATED 264' SOUTH OF POLE # 65-S				
NB	MM 3.385 RT	A	W1-1L	30	30			6.25							1	15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 264' SOUTH OF POLE # 65-S	X			
<p>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".</p>										EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB					
								SF	SF	EA	EA	EA	EA	EA	EA	FT	EA	LB									
								52.00		10	8	9	135														

PROJECT NAME: STATEWIDE NORTHWEST REGION
 PROJECT NUMBER: STP HRRR(17)
 FILE NAME: stowetraffic5.dgn
 PROJECT LEADER: J. DEVLIN
 DESIGNED BY: N. PATTIS
 STOWE TRAFFIC SIGN SUMMARY SHEET 5

PLOT DATE: 1/22/2014
 DRAWN BY: N. PATTIS
 CHECKED BY: B. GROSE
 SHEET 60 OF 73

TRAFFIC SIGN SUMMARY SHEET

6

STOWE
WEEKS HILL ROAD

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS				EXISTING POST	NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS <small>SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK</small>	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE			REMAIN	REMOVE	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
NB	MM 3.385 RT	A	W13-1P	18	18			2.25															INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L LOCATED 264' SOUTH OF POLE # 65-S	X						
NB	MM 3.435 RT	A	W1-8L	18	24																		REMOVE EXISTING CHEVRON SIGN AND POST LOCATED ADJACENT TO POLE # 65-S							
NB	MM 3.436 RT	B	W1-6L	48	24			8.00							2	30							INSTALL A NEW LARGE LEFT ARROW SIGN ON TWO POSTS LOCATED 5' NORTH OF POLE # 65-S	X						
NB	MM 3.437 RT	A	W1-6R	48	24			8.00							2	30							INSTALL A NEW LARGE RIGHT ARROW SIGN ON TWO POSTS LOCATED 11' NORTH OF POLE # 65-S	X						
NB	MM 3.438 RT	A	W1-8L	18	24										X	X							REMOVE EXISTING CHEVRON SIGN AND POST LOCATED 16' NORTH OF POLE # 65-S							
SB	MM 3.473 LT	A	W1-2L	30	30										X	X							REMOVE EXISTING CURVE LEFT SIGN AND POST LOCATED 32' SOUTH OF POLE # 64/4-8-6/15/64							
SB	MM 3.473 LT	A	W1-1L	30	30			6.25							1	15							INSTALL A NEW TURN LEFT SIGN AND POST LOCATED 32' SOUTH OF POLE # 64/4-8-6/15/64	X						
SB	MM 3.473 LT	A	W13-1P	18	18			2.25															INSTALL A NEW SPEED LIMIT PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W1-1L LOCATED 32' SOUTH OF POLE # 64/4-8-6/15/64	X						
NB	MM 3.583 RT	A	R2-1	24	30			5.00							X	X	1	15					REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 549' NORTH OF AND ACROSS FROM POLE # 64/4-8-6/15/64	X						
SB	MM 3.893 LT	F E	D3-1	54	12		Edson Woods Rd	4.50								2	30						INSTALL A NEW STREET NAME SIGN ON TWO NEW POSTS LOCATED ADJACENT TO POLE # 53/5 1/2 /53		14					
NB	MM 4.005 RT	A	R2-1	24	30			5.00							X	X	1	15					REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 591' NORTH OF AND ACROSS FROM POLE # 53/5 1/2 /53	X						
SB	MM 4.029 LT	F	R2-1	24	30			5.00							X	X	1	15					REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 718' NORTH OF POLE # 53/5 1/2 /53	X						
SB	MM 4.138 LT	F	W11-7	30	30			6.25							X	X	1	15					REPLACE EXISTING EQUESTRIAN SIGN AND POST LOCATED 1294' NORTH OF POLE # 53/5 1/2 /53	X						
SB	MM 4.142 LT	H G	D3-1	48	12		Weeks Hill Rd	4.00								2	30						INSTALL A NEW STREET NAME SIGN AND POST LOCATED 1315' NORTH OF POLE # 53/5 1/2 /53		15					
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 NORTHWEST REGION
PROJECT NUMBER: STP HRRR(17)
FILE NAME: stowetrafficsign6.dgn
PROJECT LEADER: J. DEVLIN
DESIGNED BY: N. PATTIS
STOWE TRAFFIC SIGN SUMMARY SHEET 6

PLOT DATE: 1/22/2014
DRAWN BY: N. PATTIS
CHECKED BY: B. GROSE
SHEET 61 OF 73

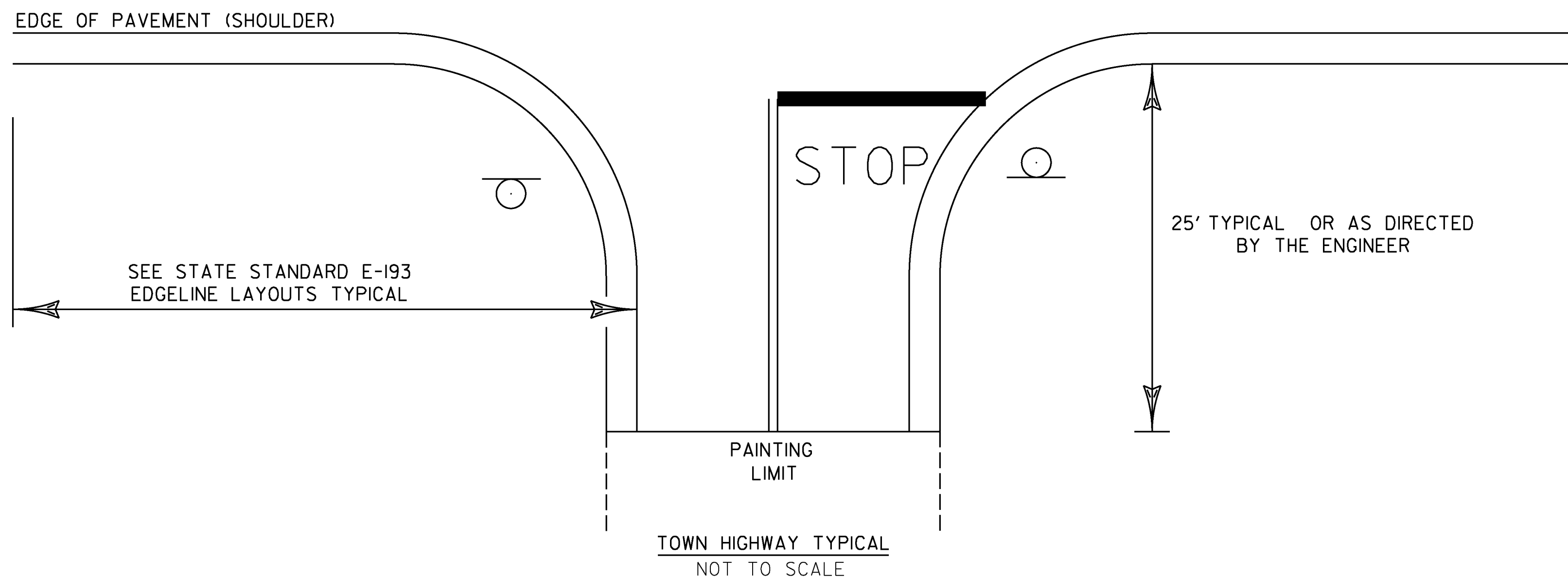
TRAFFIC SIGN SUMMARY SHEET

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL														
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPAIR		REPLACE	POSTS	1.75	2.00	2.50	FOUNDATION	3.00			3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER									
																															lb/ft			lb/ft					
							COUNTY ROAD																																
NB	MM 0.016 RT	A	W10-1	36	36			7.07					X		X	1	15																	REPLACE EXISTING RAILROAD CROSSING SIGN AND POST LOCATED 53' NORTH OF POLE # 4/49	X				
SB	MM 0.102 LT	F	R2-1	24	30			5.00							X		X	1	15																REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 26' NORTH OF POST # 4/47	X			
NB	MM 0.104 RT	A	W2-2R	30	30			6.25										1	15																INSTALL A NEW SIDE ROAD RIGHT SIGN AND POST LOCATED 37' NORTH OF AND ACROSS FROM POLE # 4/47	X			
NB	MM 0.104 RT	A	W16-8P	24	8			1.33																												INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2R SIGN LOCATED 37' NORTH OF AND ACROSS FROM POLE # 4/47			16
SB	MM 0.159 LT	G H	D3-1	36	12			3.00																												INSTALL A NEW STREET NAME SIGN AND POST LOCATED 32' SOUTH OF POLE # NET/4/45			14
NB	MM 0.166 RT	A B	D3-1	36	12			3.00																												REPLACE EXISTING STREET NAME SIGN AND POST LOCATED 5' NORTH OF AND ACROSS FROM POLE # NET/4/45			13
NB	MM 0.166 RT	C D	D3-1	54	12			4.50																												REPLACE EXISTING STREET NAME SIGN ON TWO POSTS LOCATED 5' NORTH OF AND ACROSS FROM POLE # NET/4/45			15
NB	MM 0.166 RT	D	R1-1	30	30			6.25																												INSTALL A NEW STOP SIGN BENEATH AND ON THE SAME POST AS THE NEW D3-1 (BEEBE) SIGN LOCATED 5' NORTH OF AND ACROSS FROM POLE # NET/4/45	X		
SB	MM 0.166 LT	D	R1-1	30	30										X		X																			REMOVE EXISTING STOP SIGN AND POST LOCATED 5' NORTH OF POLE # NET/4/45			
SB	MM 0.204 LT	F	W2-2L	30	30			6.25										1	15																	INSTALL A NEW SIDE ROAD LEFT SIGN AND POST LOCATED ACROSS FROM MAILBOX # 131	X		
SB	MM 0.204 LT	F	W16-8P	24	8			1.33																												INSTALL NEW STREET NAME PLAQUE BENEATH AND ON THE SAME POST AS THE NEW W2-2L SIGN LOCATED ACROSS FROM MAILBOX # 131			16
NB	MM 0.223 RT	F	R2-1	24	30			5.00							X		X	1	15																	REPLACE EXISTING SPEED LIMIT SIGN AND POST LOCATED 42' NORTH OF POLE # 44 1/2 A	X		
SB	MM 0.259 LT	A	W10-1	36	36			7.07							X		X	1	15																	REPLACE EXISTING RAILROAD CROSSING SIGN AND POST LOCATED 74' SOUTH OF POLE # 43	X		
<p>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".</p>																																							
								SF	SF	EA	EA	EA	EA	EA	EA	EA	EA	5	5	12	FT	FT	FT	EA	LB	LB	LB	LB	<p>PROJECT NAME: STATEWIDE NORTHWEST REGION PROJECT NUMBER: STP HRRR(17) FILE NAME: swantontrafficsignl.dgn PROJECT LEADER: J. DEVLIN DESIGNED BY: N. PATTIS SWANTON TRAFFIC SIGN SUMMARY SHEET 1</p>				<p>PLOT DATE: 1/22/2014 DRAWN BY: N. PATTIS CHECKED BY: B. GROSE SHEET 63 OF 73</p>						

TOWNSTATE 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.

2012 HRRR PROJECT - PAVEMENT MARKINGS - MILE POINTS												
PAY ITEM →				646.26	646.30	646.30				646.21	646.20	
TOWN	CONSTRUCTION REGION	ROAD NAME	ML STATION (MM)	STOP BAR (MM)	YIELD BAR (MM)	"STOP" TEXT (MM)	STOP AHEAD TEXT (MM)	RAILROAD XING (MM)	SCHOOL (MM)	CENTERLINE (FT AT MM)	EDGE LINE (FT AT MM)	COMMENTS
BRISTOL	NW	BURPEE ROAD					MM 0.122 LT					
	NW			MM 1.890 RT		MM 1.890 RT						
	NW										42' AT MM 1.888 LT (100 EXTRA FT)	EDGE LINE: ALSO, HATCH THE AREA BETWEEN THE SHOULDER AND EDGE LINE (100 FT)
	NW	HARDSCRABBLE ROAD		MM 0.003 LT		MM 0.003 LT						
	NW						MM 0.075 LT					
BRISTOL	NW	RIVER ROAD	-	-	-	-	-	-	-	-	-	-
GEORGIA	NW	BALLARD ROAD		MM 2.856 RT		MM 2.856 RT						
	NW				MM 2.863 RT							
	NW			MM 2.874 RT		MM 2.874 RT						
	NW	SANDY BIRCH ROAD		MM 0.005 LT		MM 0.005 LT						
MILTON	NW	ROLLIN IRISH ROAD	-	-	-	-	-	-	-	-	-	-
MORETOWN	NW	MORETOWN MOUNTAIN ROAD	-	-	-	-	-	-	-	-	-	-
	NW	MORETOWN COMMON ROAD			MM 0.008 LT							
RICHMOND	NW	WES WHITE HILL ROAD	-	-	-	-	-	-	-	-	-	-
ST ALBANS	NW	US ROUTE 7	-	-	-	-	-	-	-	-	-	-
STOWE	NW	WEEKS HILL ROAD	-	-	-	-	-	-	-	-	-	-
SWANTON	NW	BEEBE ROAD		MM 0.004 LT (2)		MM 0.004 LT						
	NW						MM 0.185 LT					
WESTFORD	NW	ROLLIN IRISH ROAD	-	-	-	-	-	-	-	-	-	-
SUBTOTALS	NW				8 SYMBOLS	24 LETTERS	27 LETTERS					
TOTALS	NW			96 FT			LETTER/SYMBOL TOTAL = 59				142 FT	



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

PROJECT NAME: STATEWIDE NORTHWEST REGION	PLOT DATE: 1/22/2014
PROJECT NUMBER: STP HRRR(17)	DRAWN BY: N. PATTIS
FILE NAME: pavementmarkings.dgn	CHECKED BY: B. GROSE
PROJECT LEADER: J. DEVLIN	SHEET 70 OF 73
DESIGNED BY: N. PATTIS	
TOWN HIGHWAY PAVEMENT MARKINGS SHEET	

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

ITEM DETAIL SUMMARY SHEET

BEGIN STATION	END STATION	POS.	203.30	402.13	621.20	621.60	621.80	651.15	651.18	651.20	651.25	651.35	653.20	676.10	676.12	676.15	REMARKS
			EARTH BORROW	AGGREGATE SHOULDERS	STEEL BEAM GUARDRAIL GALVANIZED	ANCHOR FOR STEEL BEAM RAIL	REMOVAL AND DISPOSAL OF GUARDRAIL	SEED	FERTILIZER	AGRICULTURAL LIMESTONE	HAY MULCH	TOPSOIL	TEMPORARY EROSION MATTING	DELINEATOR WITH STEEL POST	REMOVAL OF EXISTING DELINEATOR	REMOVE AND REPLACE REFLECTOR UNIT	
			CY	TON	LF	EACH	LF	LB	LB	TON	TON	CY	SY	EACH	EACH	EACH	
BRISTOL																	
BURPEE RD	-																
MONKTON RD	-																
BRISTOL																	
RIVER RD	-																
GEORGIA																	
BALLARD RD																	
MM 1.519	MM 1.537	RT	50		95	2	95	1.236	5.150	0.0025	0.0206	5.5	50				
MM 1.522	MM 1.541	LT	50		100	2	100	1.236	5.150	0.0025	0.0206	5.5	50				
MILTON																	
ROLLIN IRISH RD																	
MM 0.855	MM 0.923	RT												8			
MORETOWN																	
MORETOWN MT RD																	
MM 0.209	-	RT												1			
MM 0.232	-	RT												1			
MM 0.263	-	RT												1			
MM 0.312	-	RT												1			
MM 0.350	MM 0.395	RT												5			
MM 0.606	MM 0.660	RT	50		285	2	285	1.236	5.150	0.0025	0.0206	5.5	50				
MM 4.045	MM 4.056	RT	50		58	2	58	1.236	5.150	0.0025	0.0206	5.5	50				
MM 4.045	MM 4.056	LT	50		58	2	58	1.236	5.150	0.0025	0.0206	5.5	50				
MM 4.398	MM 4.442	LT												5			
MM 4.786	MM 4.865	LT												8			
MM 4.867	MM 4.890	LT	50		121	2	121	1.236	5.150	0.0025	0.0206	5.5	50				
MM 4.884	MM 4.894	RT	50		53	2	53	1.236	5.150	0.0025	0.0206	5.5	50				
MM 4.995	MM 5.005	RT	50		53	2	53	1.236	5.150	0.0025	0.0206	5.5	50				
MM 5.023	-	RT												1			
MM 5.159	MM 5.169	RT	50		53	1	53	0.618	2.575	0.00125	0.0103	2.75	25				
MM 5.165	MM 5.175	LT	50		53	1	53	0.618	2.575	0.00125	0.0103	2.75	25				
MM 5.169	MM 5.176	RT	50		37	1		0.618	2.575	0.00125	0.0103	2.75	25				EXTEND THE GUARD RAIL BEING REPLACED ENDING AT MM 5.169 RT
MM 5.175	MM 5.188	LT	50		69	1		0.618	2.575	0.00125	0.0103	2.75	25				EXTEND THE GUARD RAIL BEING REPLACED ENDING AT MM 5.175 LT
MM 5.484	MM 5.518	LT												4			
MM 6.118	MM 6.122	RT	50		21	2	21	1.236	5.150	0.0025	0.0206	5.5	50				
MM 6.119	MM 6.124	LT	50		36	2	26	1.236	5.150	0.0025	0.0206	5.5	50				
RICHMOND																	
WES WHITE HILL RD																	
MM 0.321	MM 0.366	RT												5			
MM 0.538	MM 0.595	RT												6			
MM 1.214	MM 1.248	LT												4			
MM 1.347	MM 1.493	LT												15			
MM 1.623	MM 1.680	RT												6			
MM 2.138	MM 2.201	RT												7			
MM 2.380	MM 2.496	LT	50		613	2	613	1.236	5.150	0.0025	0.0206	5.5	50				
MM 2.520	MM 2.577	LT												6			
MM 2.816	MM 2.840	LT	50		127	2	127	1.236	5.150	0.0025	0.0206	5.5	50				
ST ALBANS																	
US ROUTE 7																	
TOTAL			800		1832	28	1716	17.30	72.1	0.035	0.290	77	700	84			

ITEM DETAIL SUMMARY SHEET	PROJECT NAME: STATEWIDE NORTHWEST REGION
	PROJECT NUMBER: STP HRRR(17)
	FILE NAME: itemdetailsheet1.dgn
	PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN	DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS	CHECKED BY: B. GROSE
ITEM DETAIL SUMMARY SHEET 1	SHEET 71 OF 73

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

ITEM DETAIL SUMMARY SHEET

BEGIN STATION	END STATION	POS.	203.30	402.13	621.20	621.60	621.80	651.15	651.18	651.20	651.25	651.35	653.20	676.10	676.12	676.15	REMARKS
			EARTH BORROW	AGGREGATE SHOULDERS	STEEL BEAM GUARDRAIL GALVANIZED	ANCHOR FOR STEEL BEAM RAIL	REMOVAL AND DISPOSAL OF GUARDRAIL	SEED	FERTILIZER	AGRICULTURAL LIMESTONE	HAY MULCH	TOPSOIL	TEMPORARY EROSION MATTING	DELINEATOR WITH STEEL POST	REMOVAL OF EXISTING DELINEATOR	REMOVE AND REPLACE REFLECTOR UNIT	
			CY	TON	LF	EACH	LF	LB	LB	TON	TON	CY	SY	EACH	EACH	EACH	
STOWE																	
WEEKS HILL RD																	
MM 0.733	MM 0.752	LT	50		100	2	100	1.236	5.150	0.0025	0.0206	5.5	50				
MM 0.741	MM 0.761	RT	50		106	2	106	1.236	5.150	0.0025	0.0206	5.5	50				
MM 2.691	MM 2.709	RT	50		95	2	95	1.236	5.150	0.0025	0.0206	5.5	50				
MM 2.701	MM 2.711	LT	50		53	2	53	1.236	5.150	0.0025	0.0206	5.5	50				
SWANTON COUNTY RD																	
WESTFORD																	
ROLLIN IRISH RD																	
MM 0.025	-	RT													1		
MM 0.136	-	RT													1		
MM 0.320	-	RT													1		
MM 0.482	MM 0.528	RT													5		
MM 0.698	-	RT													1		
MM 0.983	MM 1.008	RT													3		
MM 1.032	MM 1.064	LT													3		
SUB-TOTAL																	
SHEET 1			800		1832	28	1716	17.30	72.10	0.035	0.290	77	700	84			
SHEET 2			200		354	8	354	5	20.60	0.01	0.082	22	200	15			
TOTAL			1000		2183	36	2070	22.30	92.70	0.045	0.372	99	900	99			

ITEM DETAIL SUMMARY SHEET	PROJECT NAME: STATEWIDE NORTHWEST REGION
	PROJECT NUMBER: STP HRRR(17)
	FILE NAME: itemdetailsheet2.dgn
	PLOT DATE: 1/22/2014
PROJECT LEADER: J. DEVLIN	DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS	CHECKED BY: B. GROSE
ITEM DETAIL SUMMARY SHEET 2	SHEET 72 OF 73

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

ITEM DETAIL SUMMARY SHEET

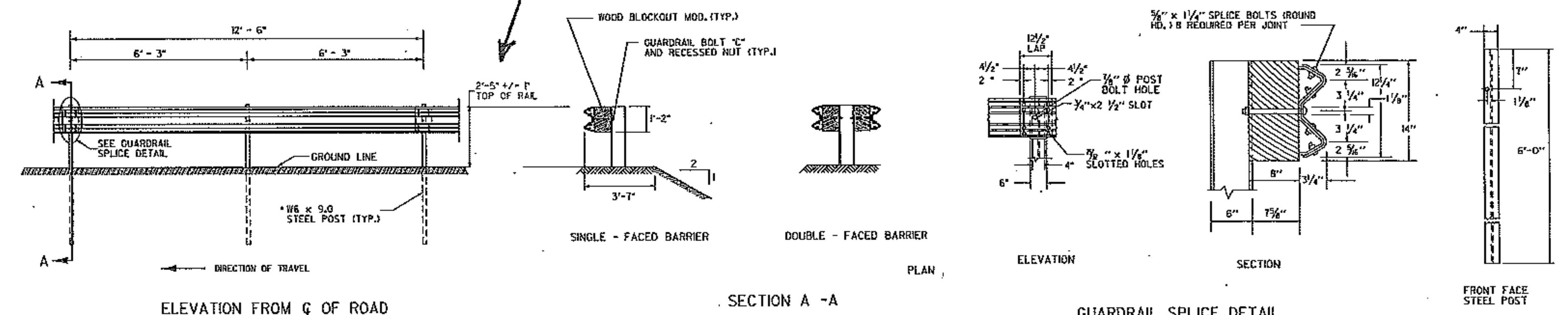
BEGIN STATION	END STATION	POS.	900.645 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED)				900.620 PEDESTAL MOUNTED PEDESTRIAN SIGNAL HEAD, COUNTDOWN EACH													REMARKS
			12' LED SIGNAL HEAD WITH BACKPLATES	12' LED SIGNAL HEAD WITH LEFT TURN ARROW AND BACK PLATES	SIGNAL HEAD MOUNTING EQUIPMENT	SIGNAL CABLE														
			EACH	EACH	EACH	EACH														
ST ALBANS																				
US ROUTE 7 AT JC PENNY DRIVE																				
			7	1	5	5	2													HOUSING TO BE OF YELLOW POLY MATERIAL WITH BLACK VISORS
																				A NEW 3-SECTION SIGNAL HEAD IS TO BE ADDED ON THE POLE LOCATED ON THE NORTHEAST CORNER OF THE INTERSECTION FOR EASTBOUND TRAFFIC
TOTAL			7	1	5	5	2													

ITEM DETAIL SUMMARY SHEET	PROJECT NAME: STATEWIDE NORTHWEST REGION	PLOT DATE: 1/22/2014
	PROJECT NUMBER: STP HRRR(17)	DRAWN BY: N. PATTIS
	FILE NAME: itemdetailsheet3.dgn	CHECKED BY: B. GROSE
	PROJECT LEADER: J. DEVLIN	SHEET 73 OF 73
	DESIGNED BY: N. PATTIS	
	ITEM DETAIL SUMMARY SHEET 3	

PETE
 SPRING MEETING
 4/3/14
 M. WOLLAUETZ

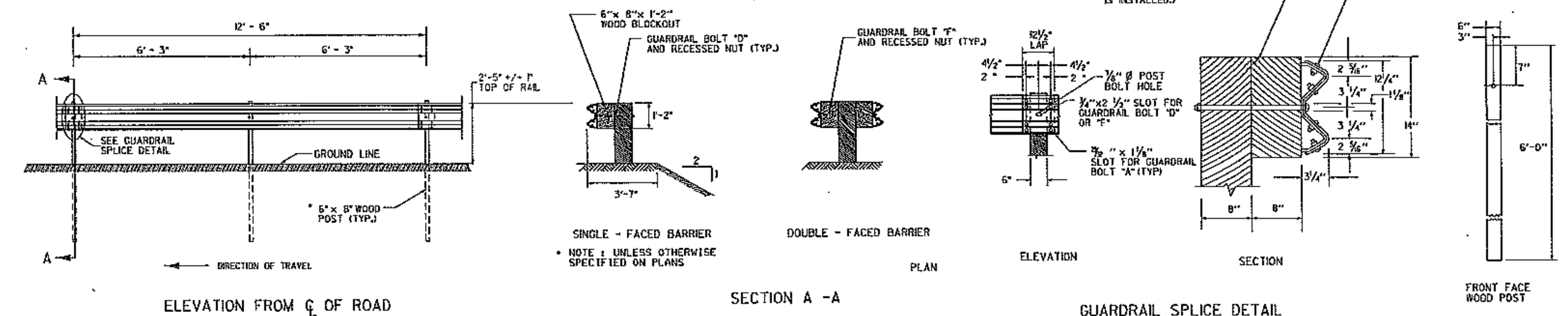
2'-5" ± 1" TOP OF RAIL (29" ± 1")

"W" BEAM GUARDRAIL WITH STEEL POSTS



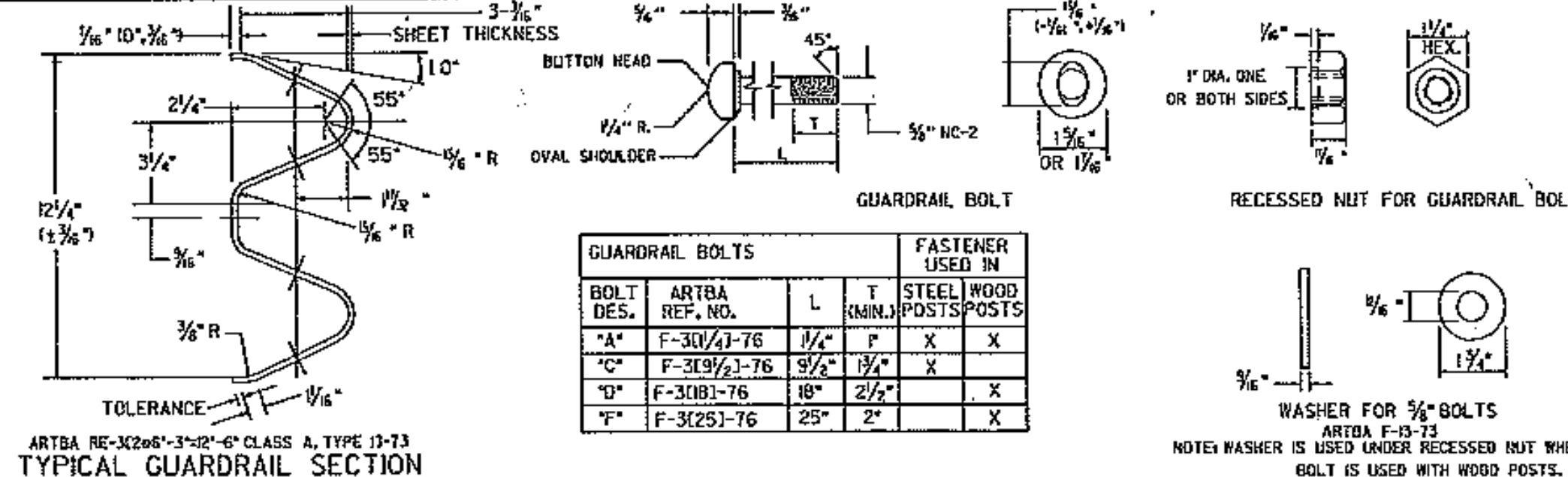
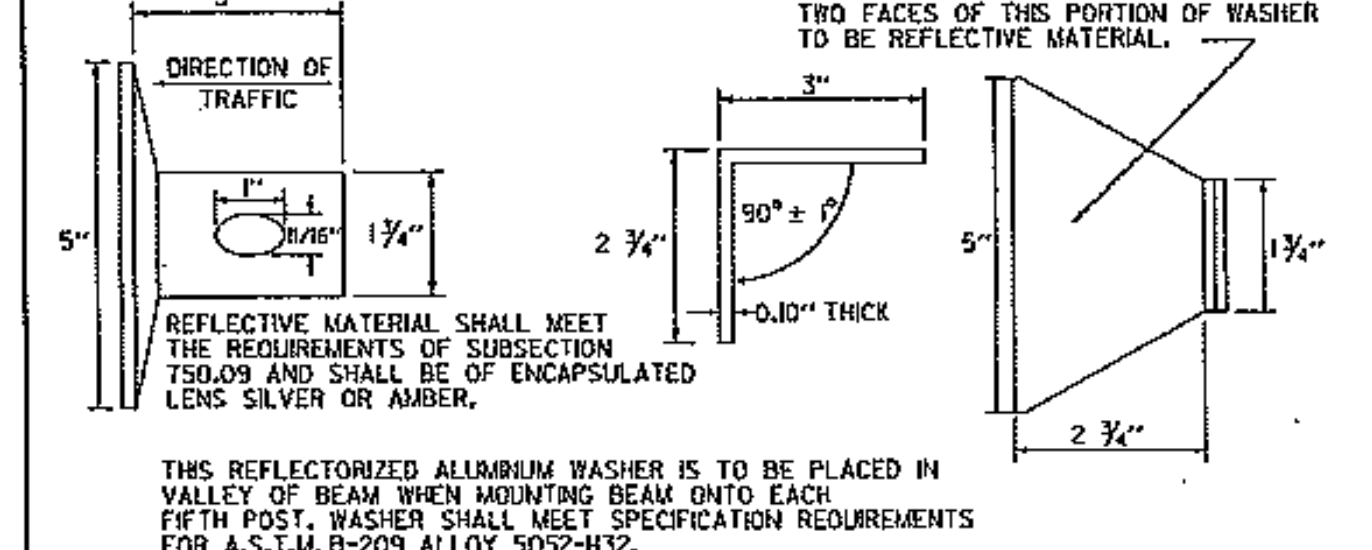
NOTES:
 1. BLOCKS SHALL BE MADE OF TIMBER WITH A STRESS GRADE OF 1200 PSIOR MORE, TESTING SHALL BE IN ACCORDANCE WITH WEST COAST LUMBER INSPECTION BUREAU, SOUTHERN PINE INSPECTION BUREAU OR OTHER APPROPRIATE ASSOCIATION. TIMBER FOR BLOCKS SHALL BE ROUGH SAWN UNPLANED WITH DIMENSIONS INDICATED. THE SIZE TOLERANCE OF ROUGH SAWN BLOCKS IN THE DIRECTION OF THE BOLT HOLES SHALL BE NOT MORE THAN ± 1/4".
 2. SUPPLY WOOD BLOCKS PER AASHTO M 158.
 3. TREAT WITH PRESERVATIVE PER AASHTO M 133.
 4. BLOCKOUTS MAY ALSO BE MADE OF APPROVED ALTERNATIVE MATERIAL.

"W" BEAM GUARDRAIL WITH WOOD POSTS



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GUARDRAIL DELINEATOR



BOLT DES.	ARTBA REF. NO.	L	T (MIN.)	FASTENER USED IN	
				STEEL POSTS	WOOD POSTS
*A	F-30(1)-76	1 1/2"	1 1/2"	X	X
*C	F-3(9)-76	9/8"	1 1/2"	X	X
*D	F-3(18)-76	1 1/2"	2 1/2"	X	X
*E	F-3(25)-76	2 1/2"	2 1/2"	X	X

GENERAL NOTES:
 1. GUARDRAIL SHALL MEET THE REQUIREMENTS OF AASHTO M 180, CLASS A, TYPE 1, UNLESS OTHERWISE DESIGNATED.
 2. GUARDRAIL SHALL BE SINGLE FACED UNLESS OTHERWISE DESIGNATED.
 3. GUARDRAIL SECTIONS SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW FOR THE LANE NEAREST THE GUARDRAIL.
 4. FOR DESCRIPTION AND SPECIFICATION OF PARTS IDENTIFIED BY (ARTBA ...) AND OTHER DETAILS OF POSTS, POST ACCESSORIES, FASTENERS & RAIL ELEMENTS, SEE AASHTO-AGC-ARTBA JOINT TASK FORCE NO. 13, TITLED "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE", LATEST EDITION.
 5. STANDARD STEEL BEAM TO BE 1/2" AND THE HEAVY DUTY TO BE 3/4" THICK.

OTHER STANDARD REQUIRED G-11

REVISIONS AND CORRECTIONS
 JUNE 1, 1994 - REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES.
 JAN. 3, 2000 - UPDATED TO REFLECT METRIC STD. CHANGES.
 JAN. 22, 2014 - UPDATED TO REFLECT HIGHER GUARDRAIL HEIGHT

APPROVED
 HIGHWAY SAFETY & DESIGN ENGINEER
 DIRECTOR OF PROGRAM DEVELOPMENT
 FEDERAL HIGHWAY ADMINISTRATION

STEEL BEAM GUARDRAIL WITH STEEL POSTS
 STEEL BEAM GUARDRAIL WITH WOOD POSTS



STANDARD
 G-1