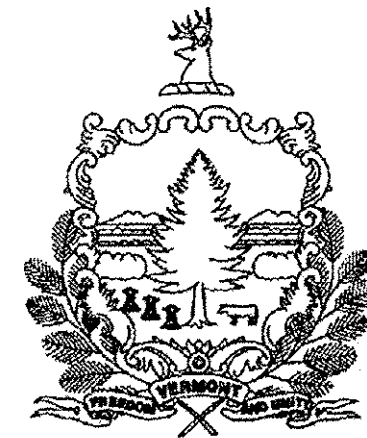


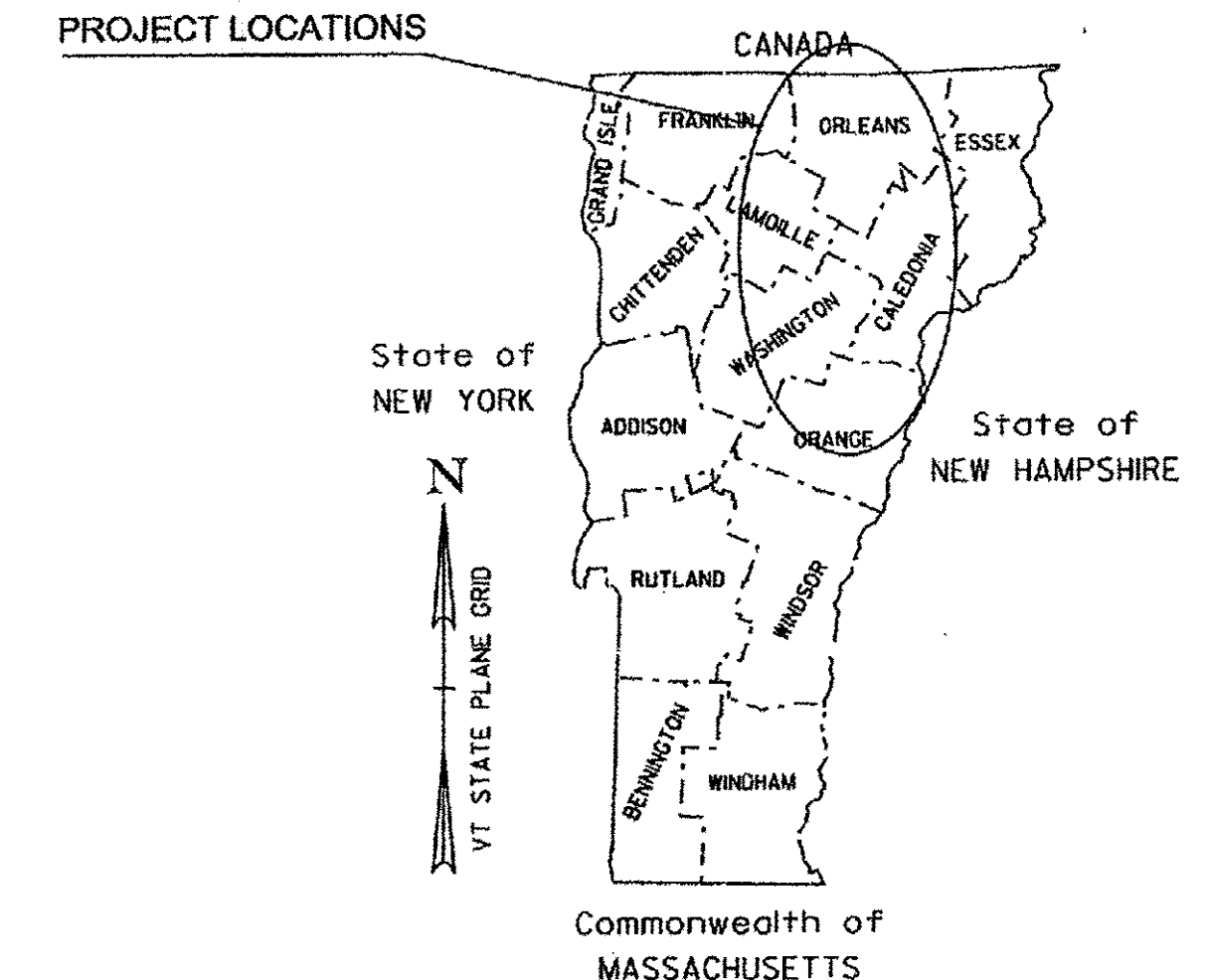
INDEX OF SHEETS
SEE PAGE 2

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

STATEWIDE NORTHEAST REGION STP HRRR(12) / HES HSIP(3)
TOWNS OF BARRE, DERBY, LYNDON AND WILLIAMSTOWN
COUNTIES OF WASHINGTON, ORLEANS, CALEDONIA AND ORANGE
VARIOUS TOWN HIGHWAYS



RECORD PLANS	
CONTRACTOR:	F. R. LAFAYETTE, INC. - ESSEX JUNCTION, VT
RESIDENT ENGINEER:	BRIGITTE CODLING
CONSTRUCTION BEGAN:	MAY 01, 2013
CONSTRUCTION COMPLETE:	JULY 17, 2013
RECORD PLANS BY:	BRIGITTE CODLING & CRAIG PIERCE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN:	
BY <u>Brigitte Codling</u>	RESIDENT ENGINEER
DATE <u>January 21, 2014</u>	
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	

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

PROJECT LOCATIONS:	TH-38, TH-7, TH-1, TH-7,	MM MM MM MM	0.000 - 2.066 0.000 - 1.238 0.000 - 4.096 0.000 - 3.357	BARRE TOWN (EAST COBBLE HILL ROAD) DERBY (SHATTUCK HILL ROAD) LYNDON (SOUTH WHEELLOCK ROAD) WILLIAMSTOWN (GRANITEVILLE ROAD)	PROJECT LENGTHS:	2.066 MILES (10908.48 FT) 1.238 MILES (6536.84 FT) 4.096 MILES (21626.88 FT) 3.357 MILES (17724.96 FT)
TOTAL LENGTH: 10.757 MILES (56796.96 FT)						

STATEWIDE NORTHEAST REGION HES HSIP(3)

TOWN OF BARNET
COUNTY CALEDONIA
VARIOUS TOWN HIGHWAYS

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS, AND SIGN POSTS; THE INSTALLATION OF NEW SIGNS, AND SIGN POSTS, AND OTHER RELATED ITEMS FOR THE DESCRIBED WORK.

PROJECT LOCATIONS:	TH-1,	MM	3.304 - 3.725	BARNET (WEST BARNET ROAD)	PROJECT LENGTH:	0.421 MILES (2222.88 FT)
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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>John Schultze</u>	DATE <u>2-9-12</u>
PROJECT MANAGER : JOSH SCHULTZ	
PROJECT NAME : STATEWIDE - NORTHEAST REGION	
PROJECT NUMBER : STP HRRR(12) / HES HSIP(3)	
SHEET 1 OF 52 SHEETS	

COMPOSITE INDEX OF SHEETS

- 1 TITLE SHEET
- 2 INDEX OF SHEETS & GENERAL NOTES
- 3 COMPOSITE QUANTITY SHEET
- 4-5 GENERAL SIGN DETAIL SHEETS 1-2
- 6-7 TRAFFIC CONTROL SHEETS 1-2

STP HRRR(12) INDEX OF SHEETS

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- 10 QUANTITY SHEET
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- 20-25 DERBY TRAFFIC SIGN SUMMARY SHEETS 1-6
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STANDARDS

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

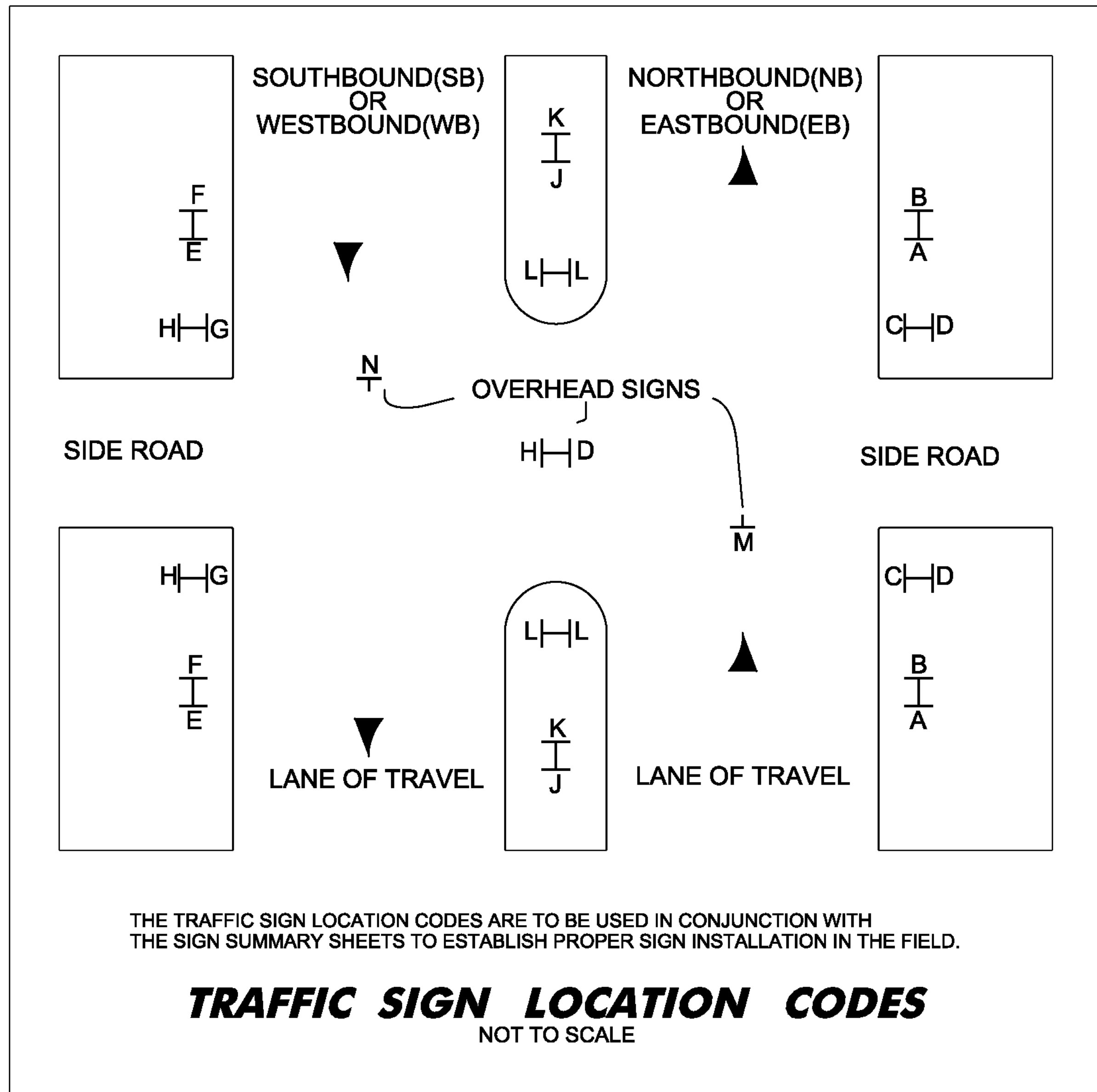
GENERAL NOTES

- 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.
- 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 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"	24" X 12"	24" X 18"	24" X 24"	24" X 30"	30" X 8"	36" X 12"	48" X 24"	30" X 15"	36" X 15"	48" X 30"	30" X 18"	36" X 18"	48" X 42"	30" X 30"	36" X 24"	48" X 48"	30" X 42"	30" X 42"	48" X 60"	36" X 8"	36" X 36"	72" X 10"	42" X 8"	36" X 48"	72" X 12"	48" X 8"	36" X 54"	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 CONTACT 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 RESIDENT 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, ITEM 675.50 IS INCLUDED ON THE QUANTITY SHEET TO PAY FOR THE WORK. ALL EXISTING STREET NAME SIGNS INSTALLED ON STAND ALONE SIGN POSTS SHALL BE RETAINED WITHIN THE PROJECT LIMITS, UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.



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

TRAFFIC SIGN LOCATION CODES
NOT TO SCALE

GUARDRAIL GENERAL NOTES

- 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 CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. 25 CUBIC YARDS OF EARTH MATERIAL HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.

VAOT RURAL AREA MIX

% 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

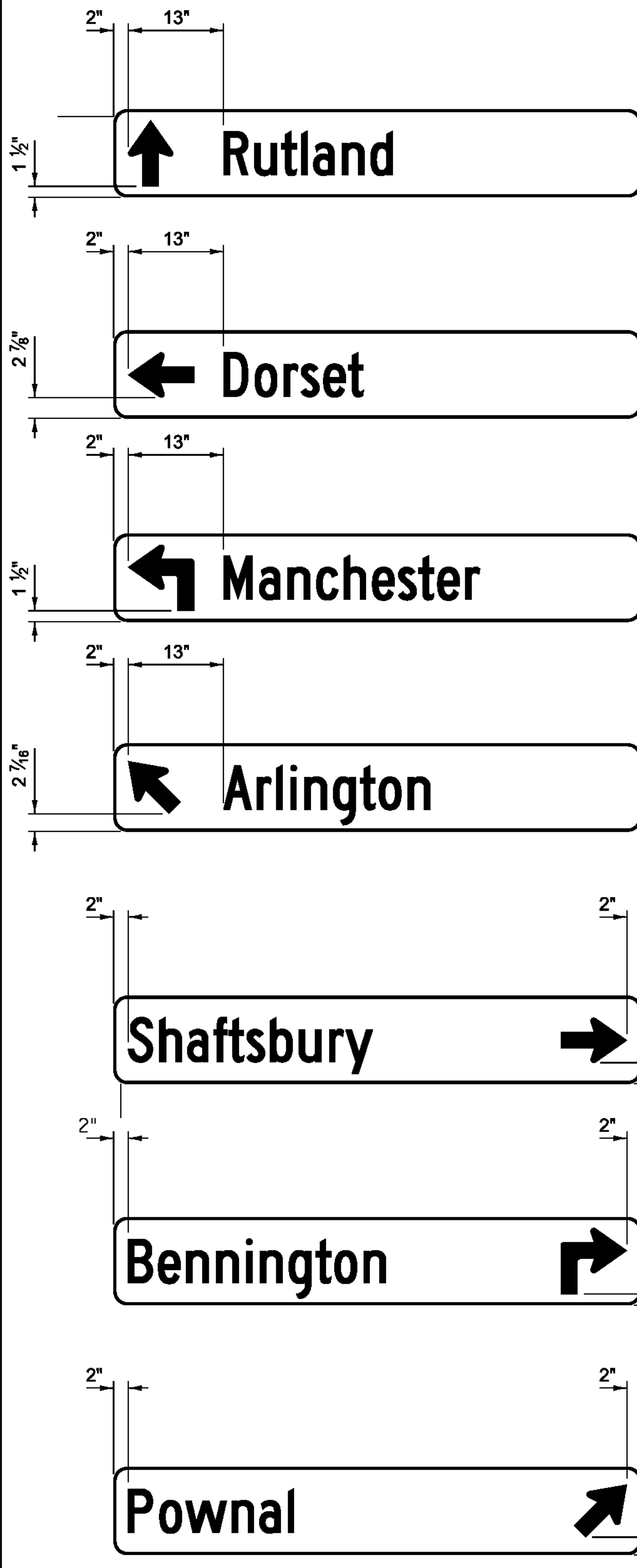
PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(12) / HES HSIP(3)
FILE NAME:	I2k018wrk.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	NLA
INDEX OF SHEETS & GENERAL NOTES	PLOT DATE: 17-JUL-2012
	DRAWN BY: TDS
	CHECKED BY: NLA
	SHEET 2 OF 52

QUANTITY SHEET 1

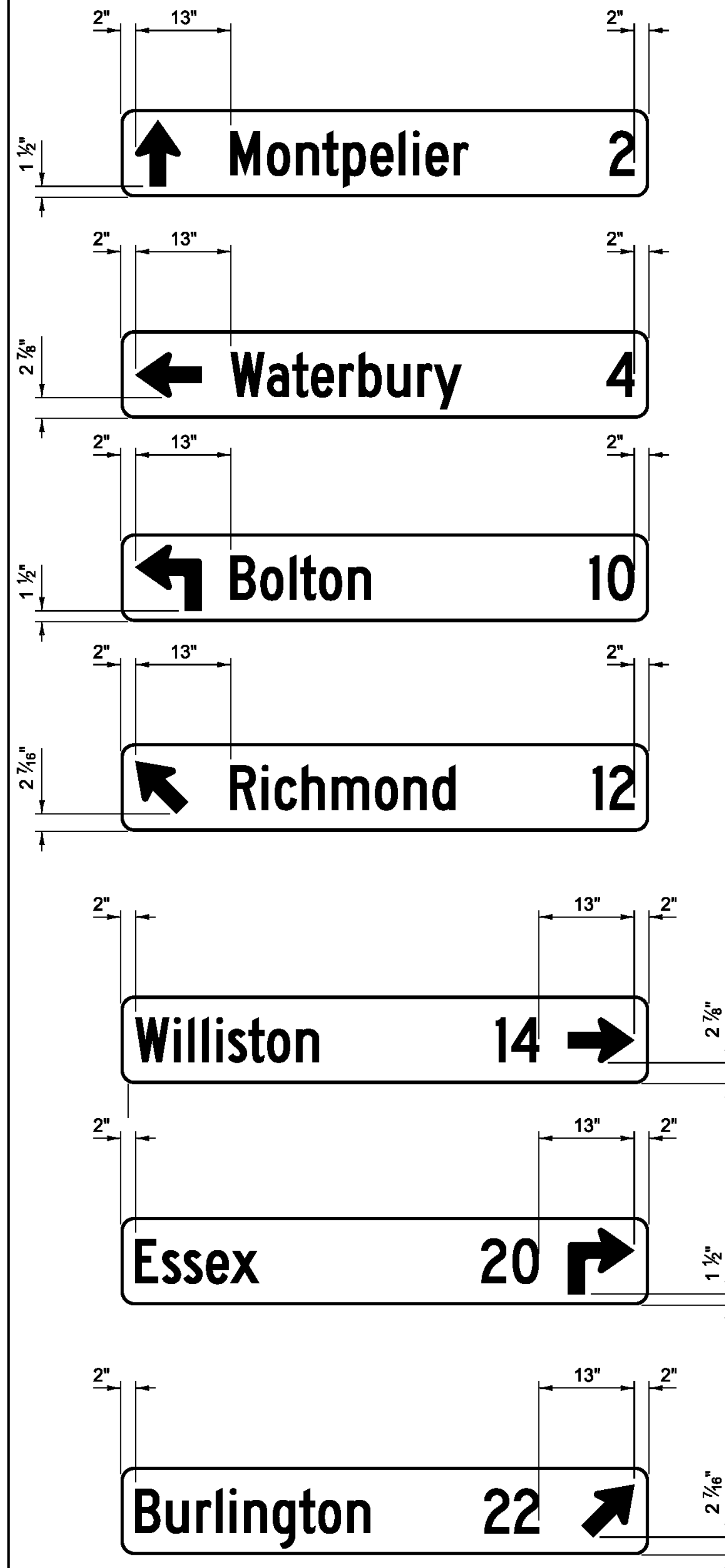
SUMMARY OF ESTIMATED QUANTITIES											TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
									STP HRRR(12) ROADWAY	HES HSIP(3) ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
									150		150		CY	EARTH BORROW	203.30	EST.			
									1		1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
									8		8		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
									8		8		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.			
									8		8		HR	TRUCK RENTAL	608.37	EST.			
									8		8		HR	LOADER RENTAL, TYPE I	608.40	EST.			
									113		113		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	-			
									6		6		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
									113		113		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-			
									24		24		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
									275		275		HR	FLAGGERS	630.15	EST.			
									0.5	0.5	1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
										1	1		LS	TRAFFIC CONTROL (HES HSIP(3))	641.10	-			
									1		1		LS	TRAFFIC CONTROL (STP HRRR(12))	641.10	-			
									1050		1050		LF	4 INCH WHITE LINE	646.20	15.1			
									1600		1600		LF	4 INCH YELLOW LINE	646.21	22.4			
									208		208		LF	24 INCH STOP BAR	646.26	EST.			
									45		45		EACH	LETTER OR SYMBOL	646.30	-			
									15		15		LB	SEED	651.15	EST.			
									15		15		LB	FERTILIZER	651.18	EST.			
									0.3		0.3		TON	AGRICULTURAL LIMESTONE	651.20	EST.			
									0.75		0.75		TON	HAY MULCH	651.25	EST.			
									7.5		7.5		CY	TOPSOIL	651.35	EST.			
									150		150		SY	TEMPORARY EROSION MATTING	653.20	EST.			
									977.42	59	1036.42		SF	TRAFFIC SIGNS, TYPE A	675.20	-			
									2535	150	2685		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	EST.			
									126	5	131		EACH	REMOVING SIGNS	675.50	EST.			
									55		55		EACH	DELINEATOR WITH STEEL POST	676.10	EST.			

COMPOSITE DESTINATION BOARD DETAILS

VD1-1



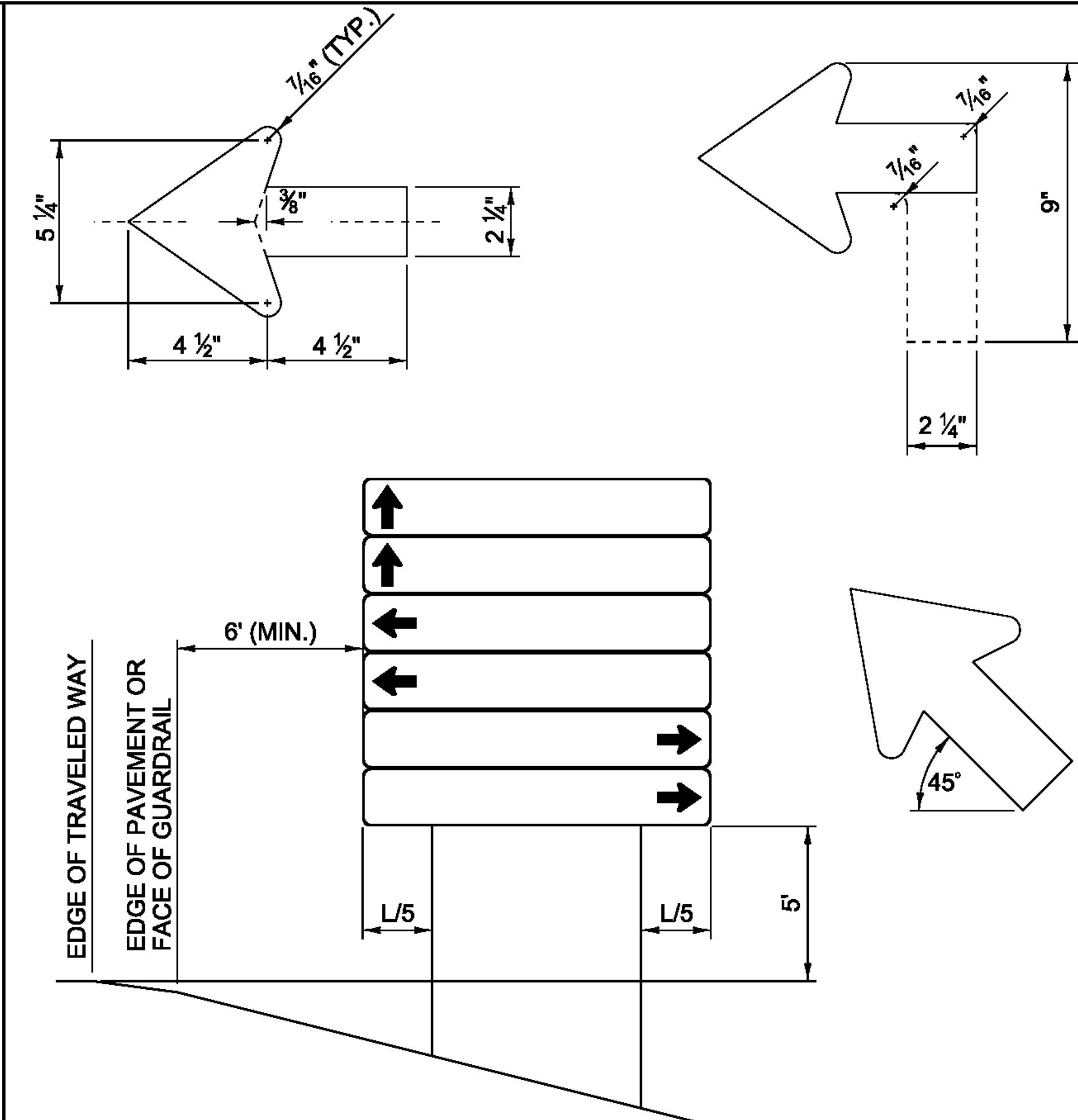
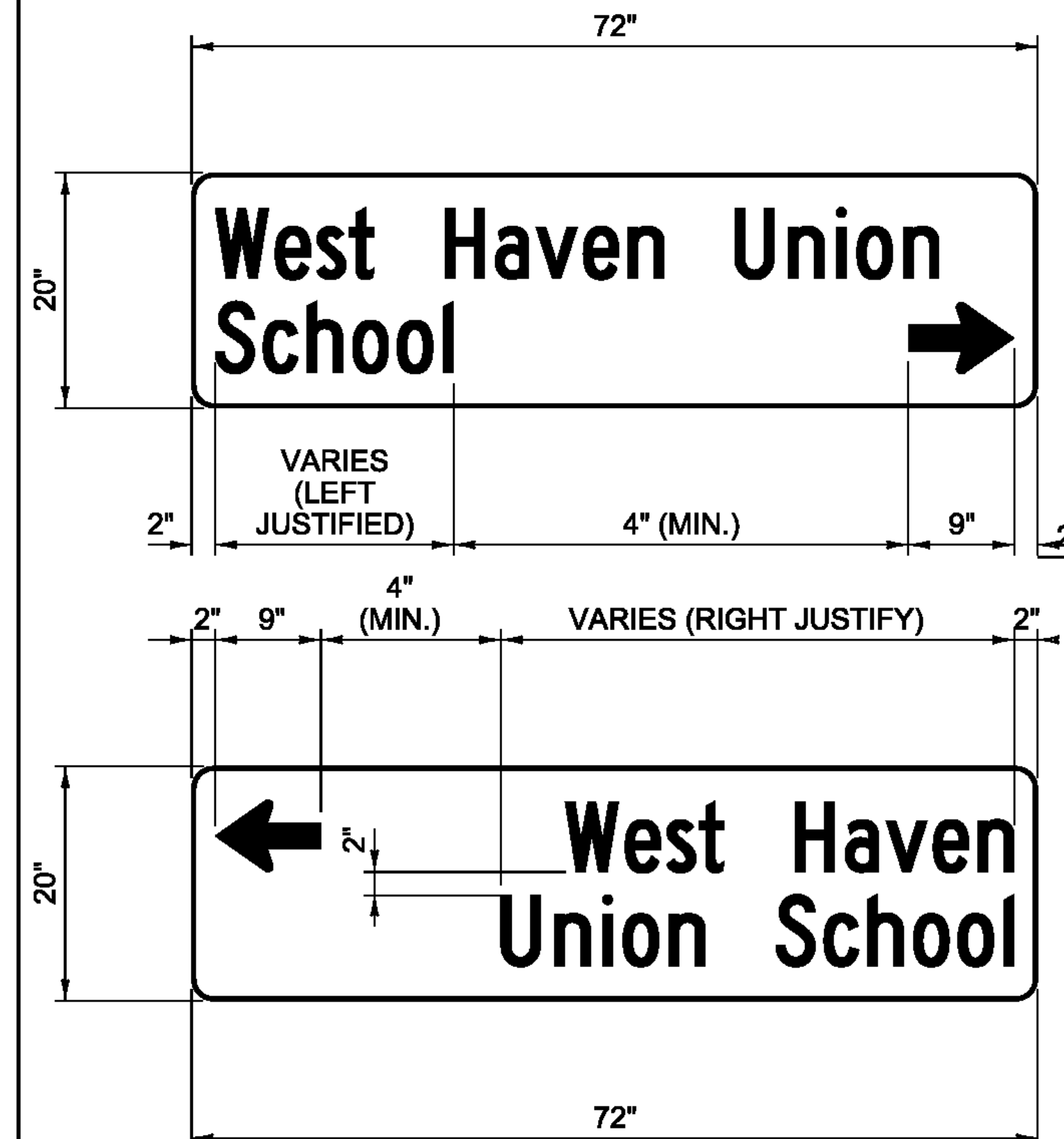
VD1-1A



VD2-1



VD2-1S



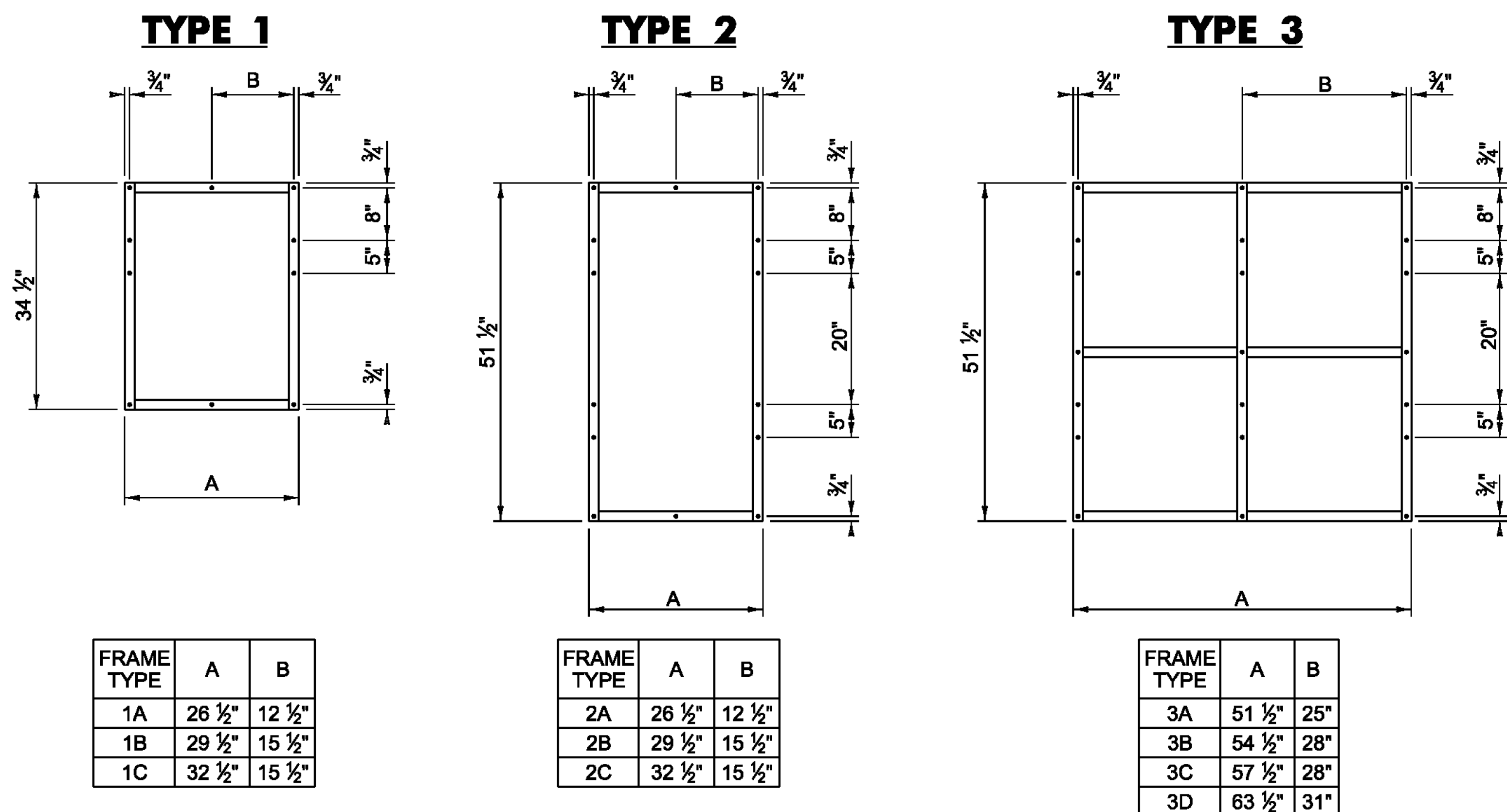
D-BOARD INSTALLATION DETAIL

D-BOARD NOTES:

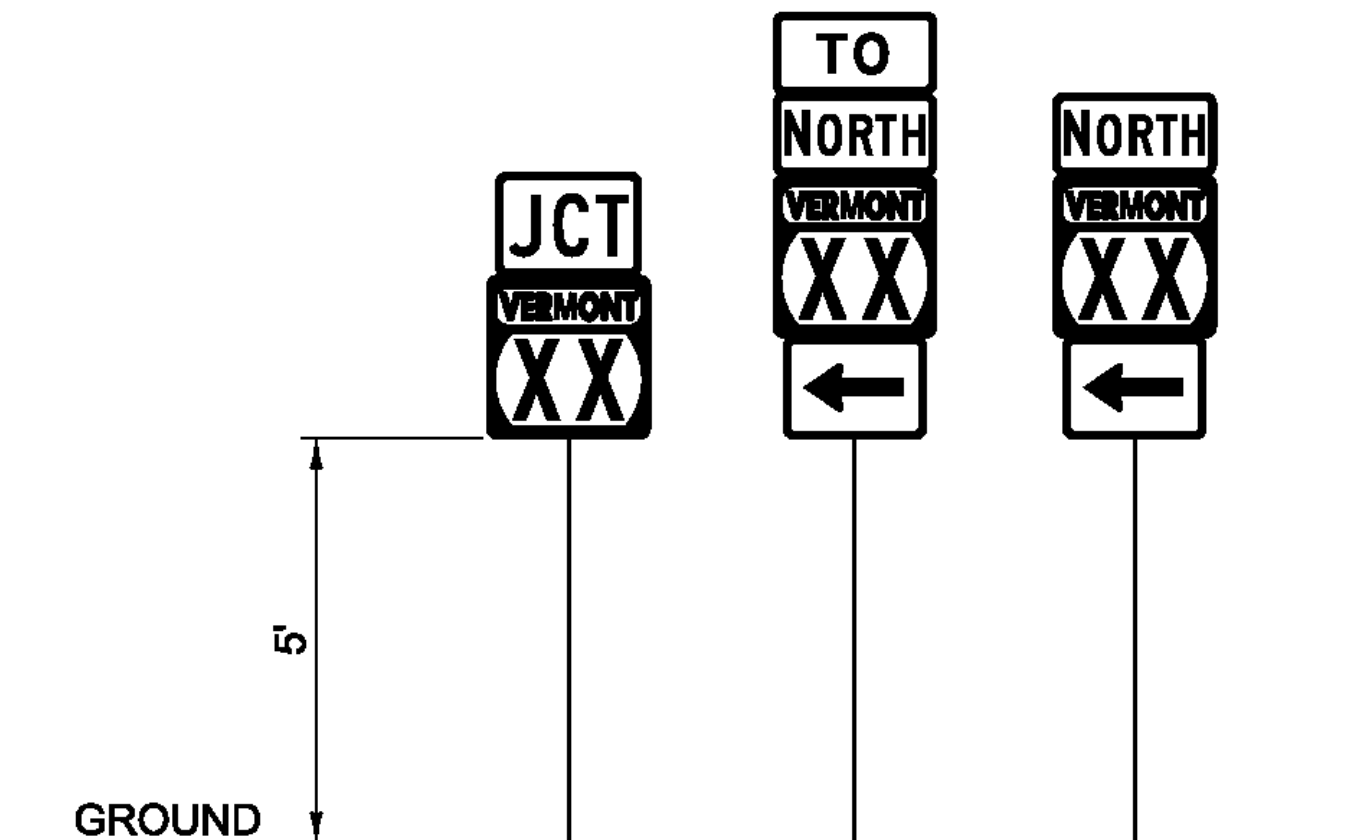
1. SIGN SUBSTRATE MATERIAL SHALL BE ALUMINUM SHEETING 0.125 INCHES MINIMUM THICKNESS.
2. ALL SIGNS SHALL BE 72 INCH BY 12 INCH WITH CORNERS ROUNDED TO A 1 1/2 INCH RADIUS, UNLESS OTHERWISE NOTED.
3. SIGNS SHALL HAVE A 3/8 INCH WIDE BORDER ROUNDED TO A 1 1/2 INCH RADIUS.
4. SIGNS SHALL BE WHITE RETROREFLECTIVE 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 NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(12) / HES HSIP(3)
FILE NAME:	I2K018wrk.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	NLA
GENERAL SIGN DETAIL SHEET I	
PLOT DATE:	11-JUL-2012
DRAWN BY:	TDS
CHECKED BY:	NLA
SHEET	4 OF 52

GENERAL SIGNING DETAILS



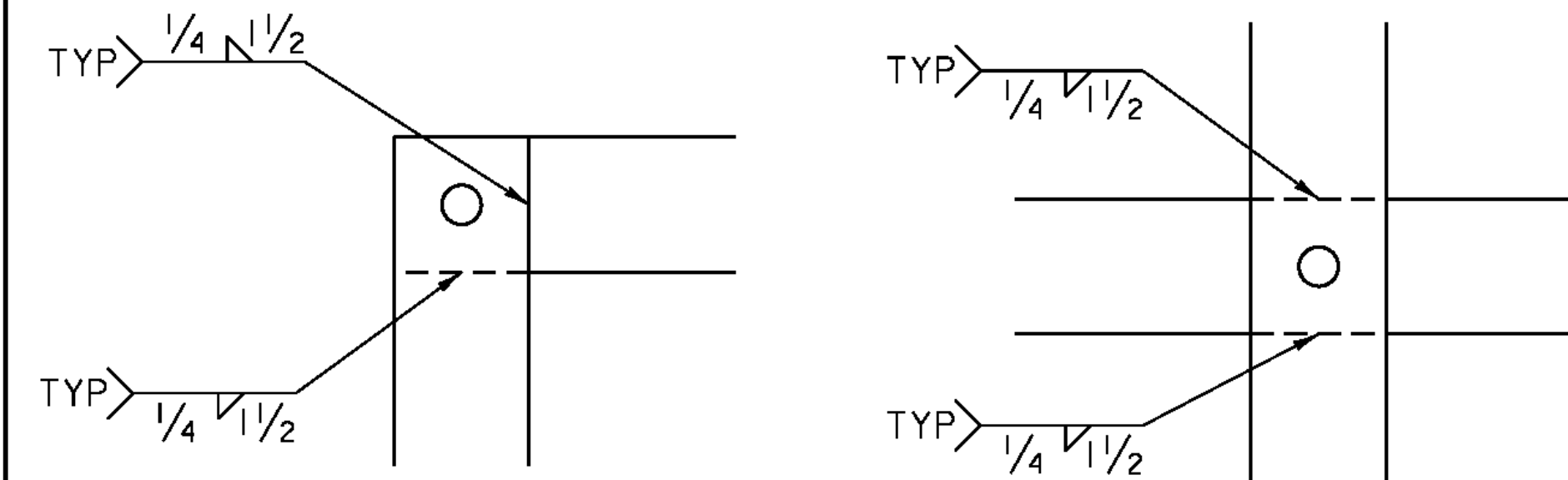
ROUTE MARKER ASSEMBLY FRAMES



GUIDE SIGN PLACEMENT DETAIL

NOTES:

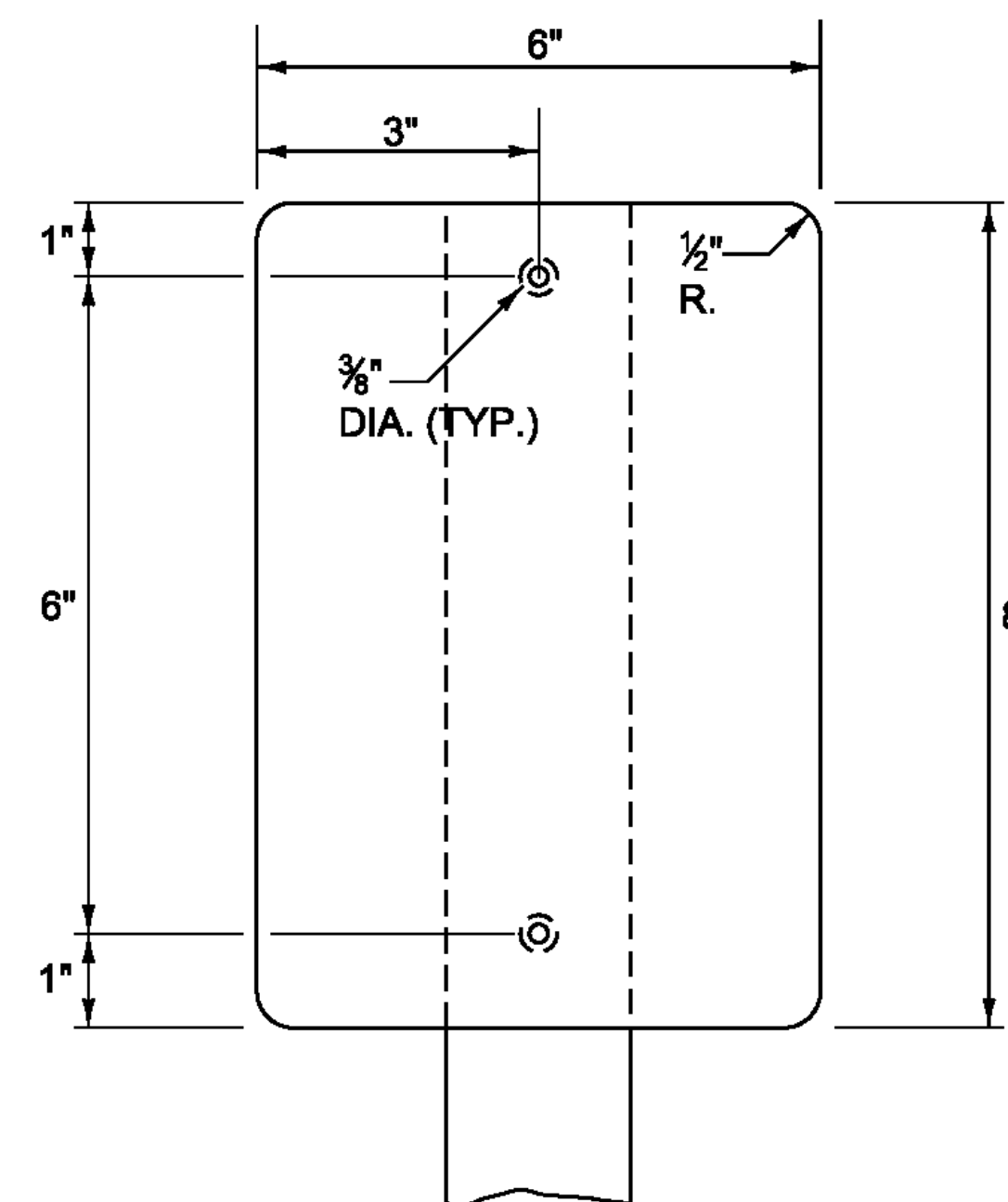
1. IN ALL URBAN AREAS AND IN RURAL AREAS WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS, MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO SEVEN FEET.



WELDING DETAILS

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 270/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.

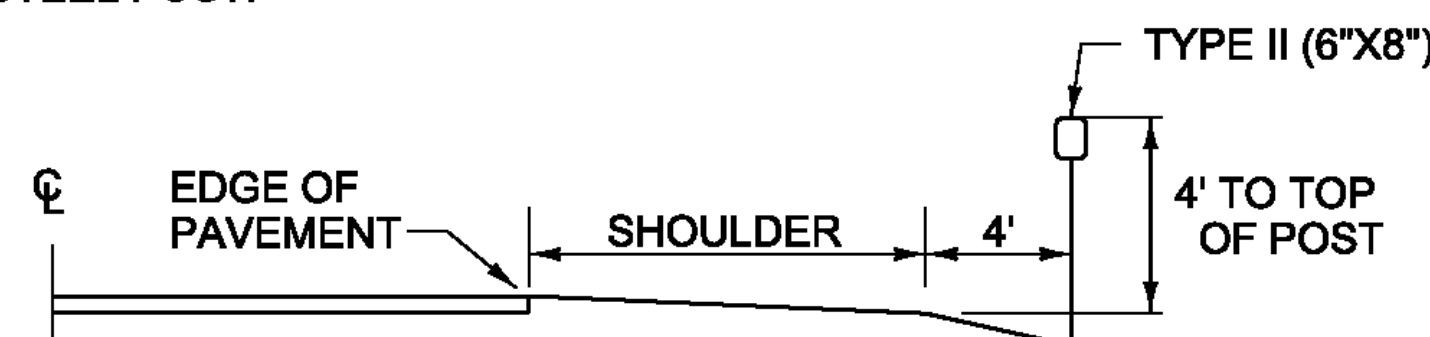


TYPE II (6"X8") DELINEATOR

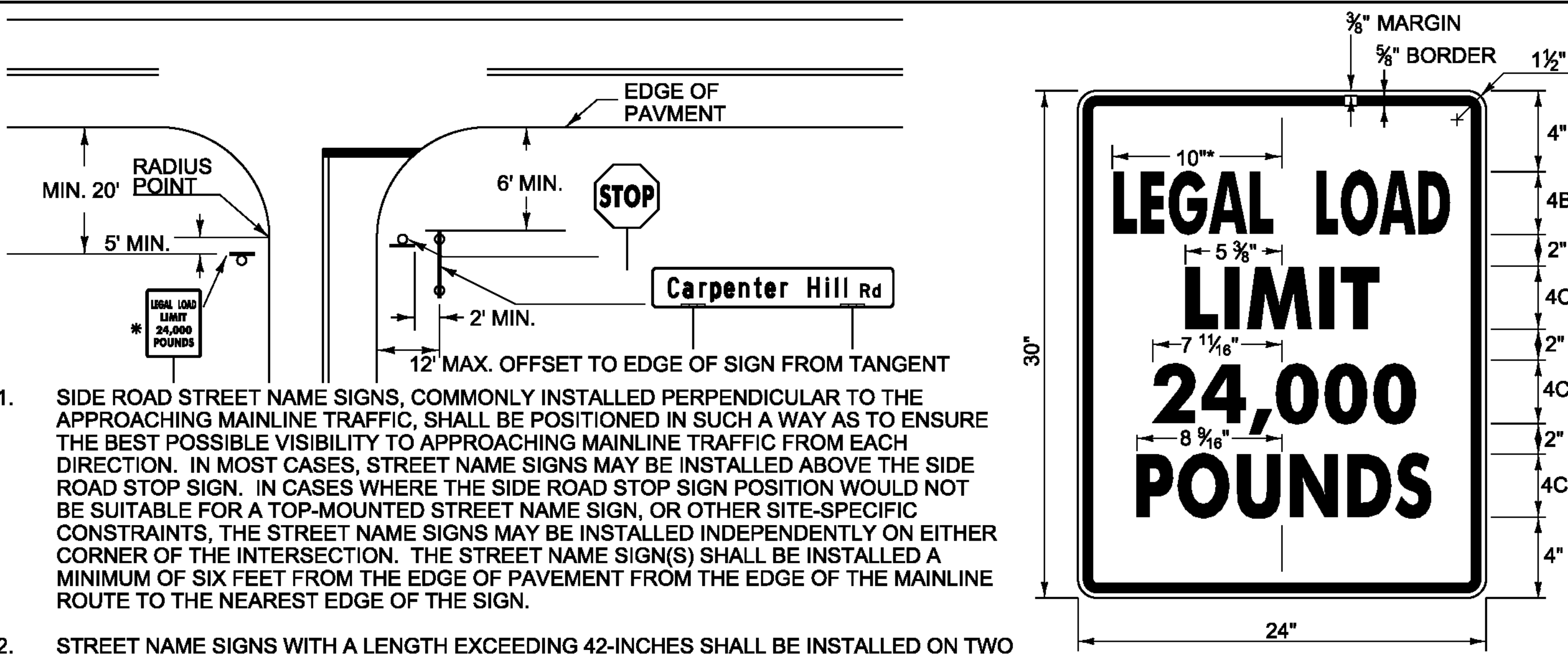
BACK-TO-BACK DELINEATORS WITH RETROREFLECTIVE SHEETING

NOTES:

1. MATERIAL FOR RETROREFLECTIVE SHEETING FOR DELINEATORS SHALL BE A 0.063" ALUMINUM BACKING WITH A WHITE ASTM TYPE III OR TYPE IV.
2. ALL TYPE II (6"X8") DELINEATOR POSTS SHALL BE 1.88 LB/FT SQUARE STEEL WITH A 12 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.



DELINEATOR PLACEMENT



LEGAL LOAD LIMIT
24,000 POUNDS

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

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

VR-017

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, UNLESS PROTECTED BY BARRIER.
3. TOP-MOUNTED STREET NAME SIGNS SHALL REQUIRE 12-INCH MOUNTING BRACKETS. ALL MOUNTING HARDWARE IS INCIDENTAL TO PAY ITEM 675.20 (TRAFFIC SIGN, TYPE A).
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 ROADWAY CONDITIONS. THE SIDE ROAD SPEED LIMIT MAY BE INSTALLED BELOW THE LEGAL LOAD LIMIT SIGN AS REQUIRED.

LEGAL LOAD LIMIT AND STOP SIGNS AT INTERSECTIONS WITH TOWN HIGHWAYS

PROJECT NAME:	STATEWIDE NORTHEAST REGION
PROJECT NUMBER:	STP HRRR(12) / HES HSP(3)
FILE NAME:	I2K018wrk.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	NLA
GENERAL SIGN DETAIL SHEET 2	
PLOT DATE:	11-JUL-2012
DRAWN BY:	TDS
CHECKED BY:	NLA
SHEET	5 OF 52

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

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

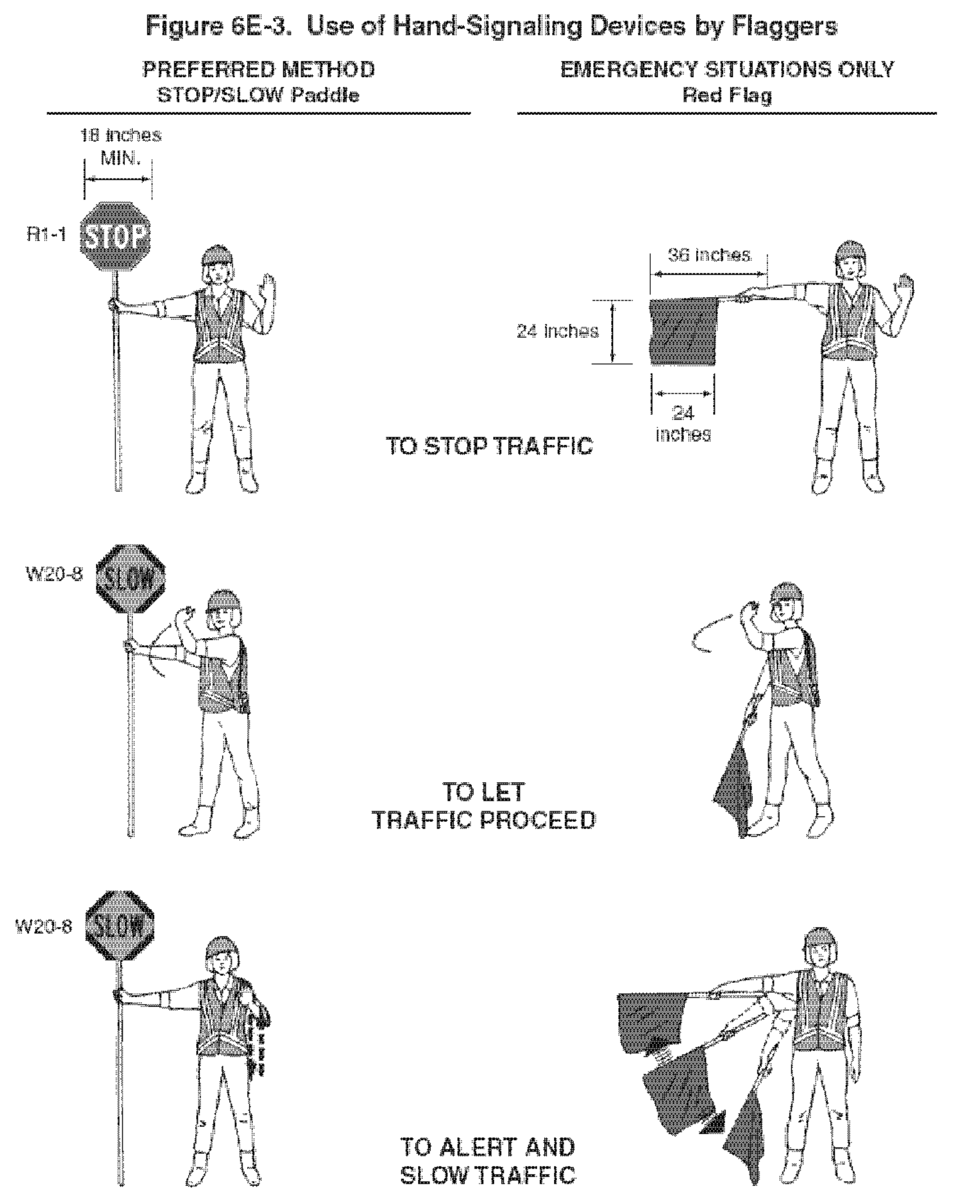
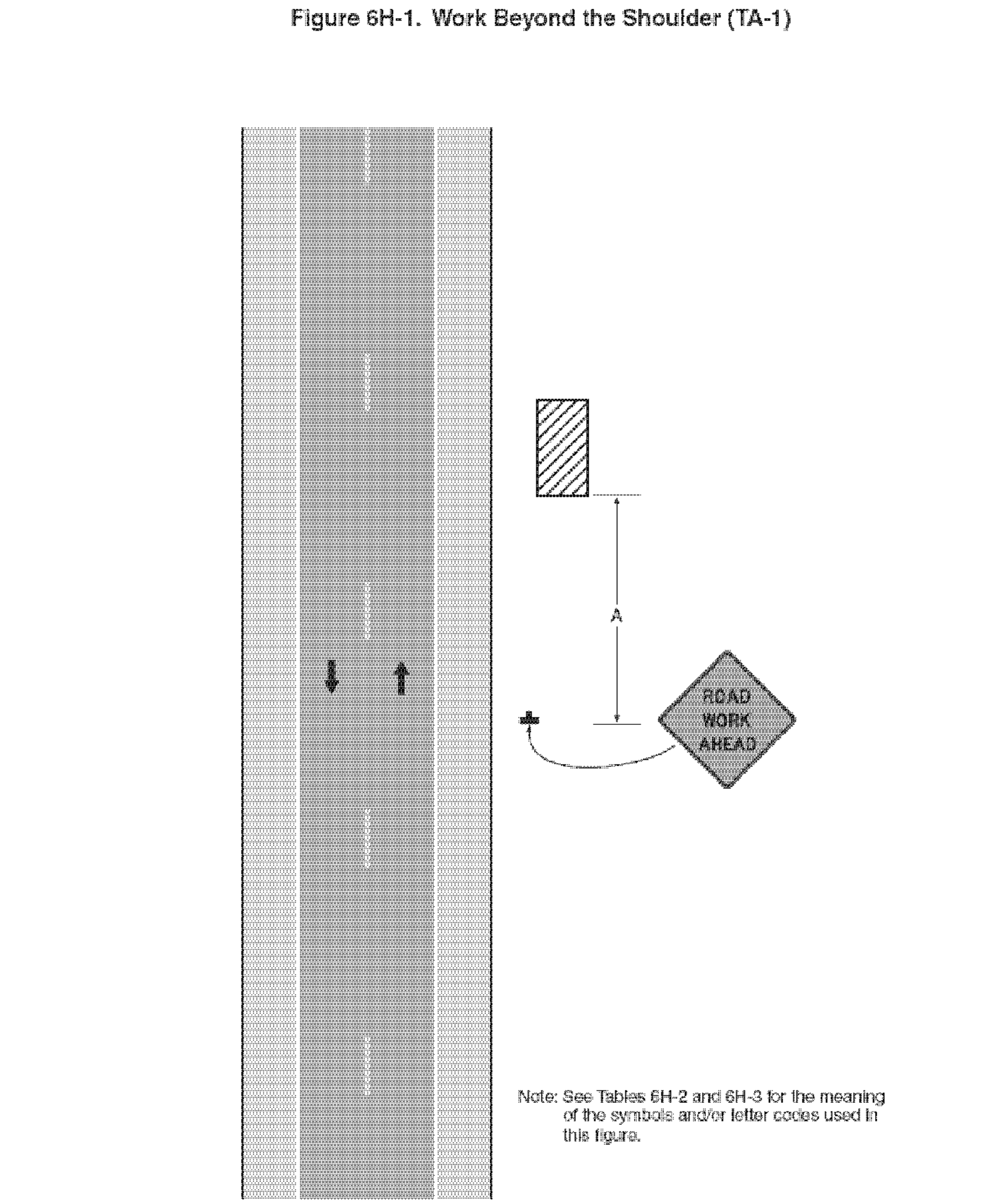
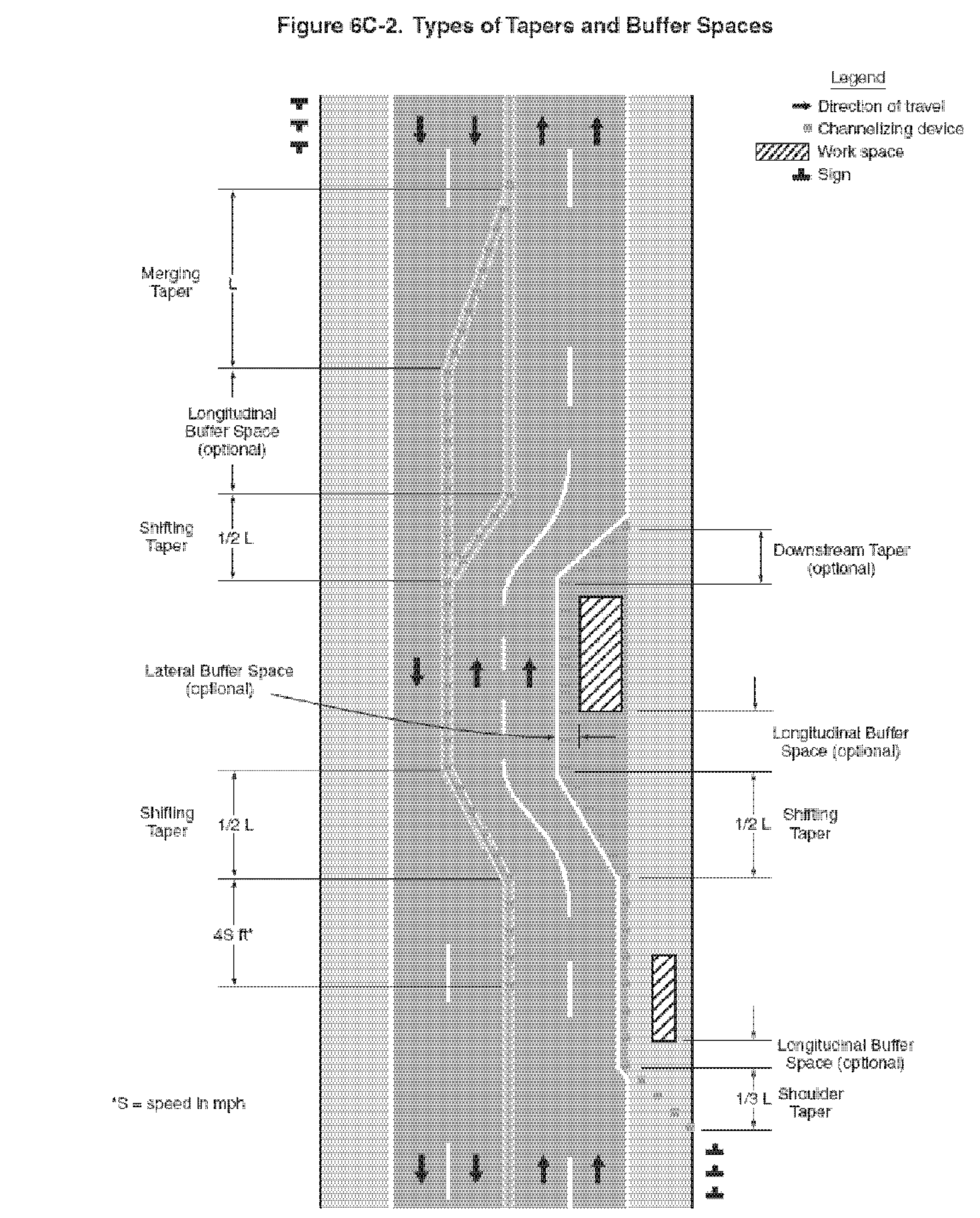
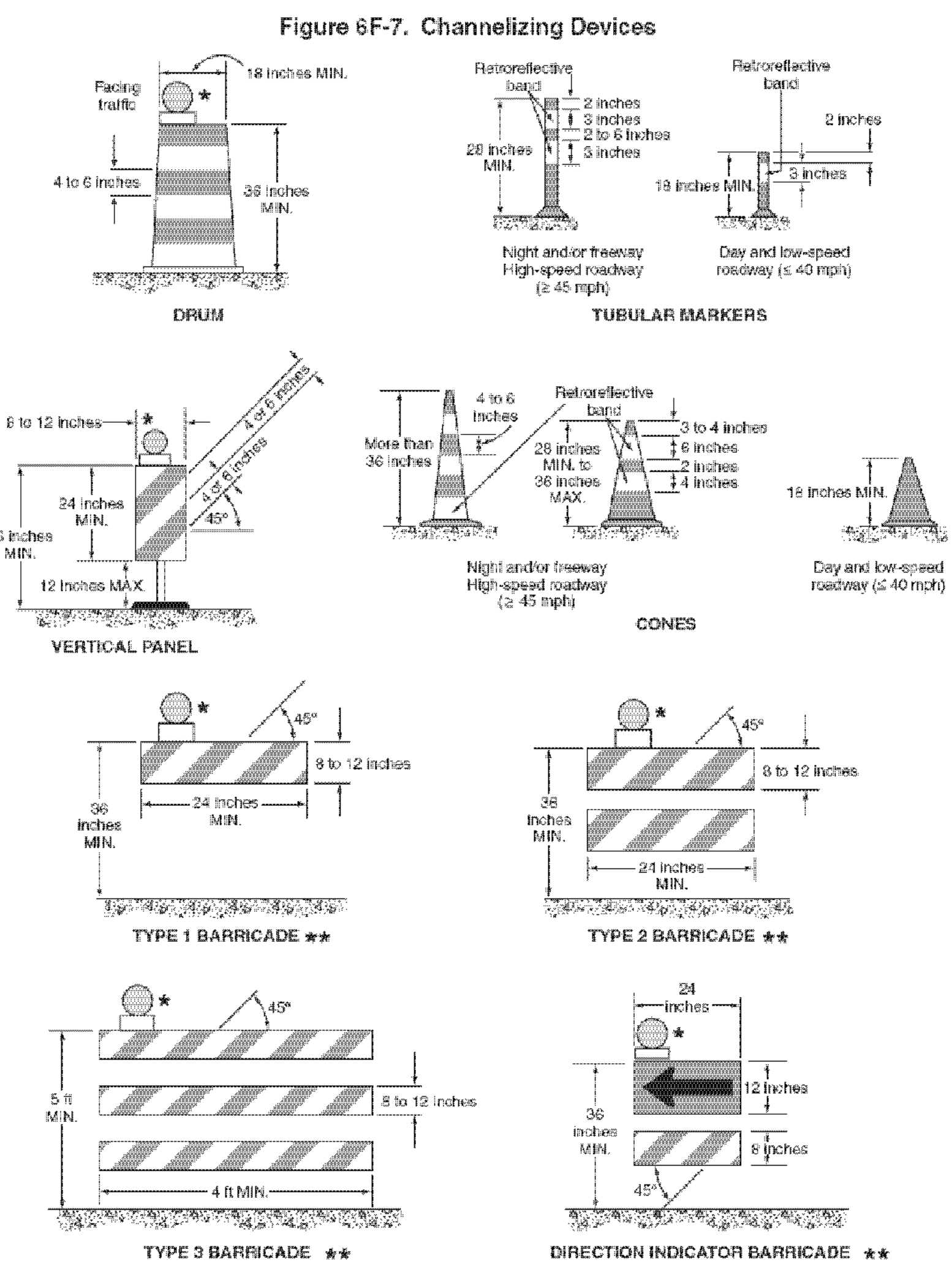


Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

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 STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2009, 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 ACCOMMODATIONS 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.
 - 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

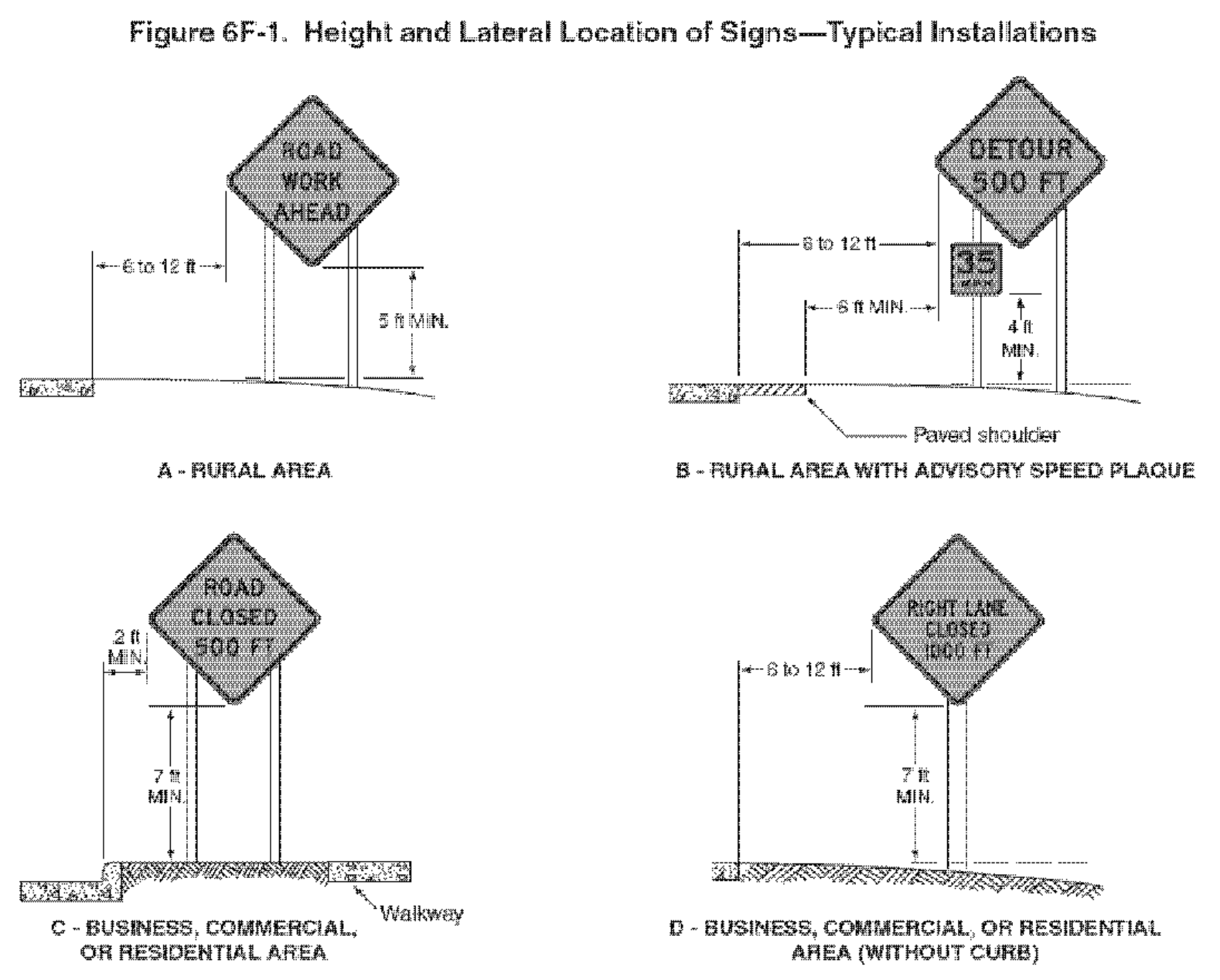


Table 6C-4. Formulas for Determining Taper Length

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)

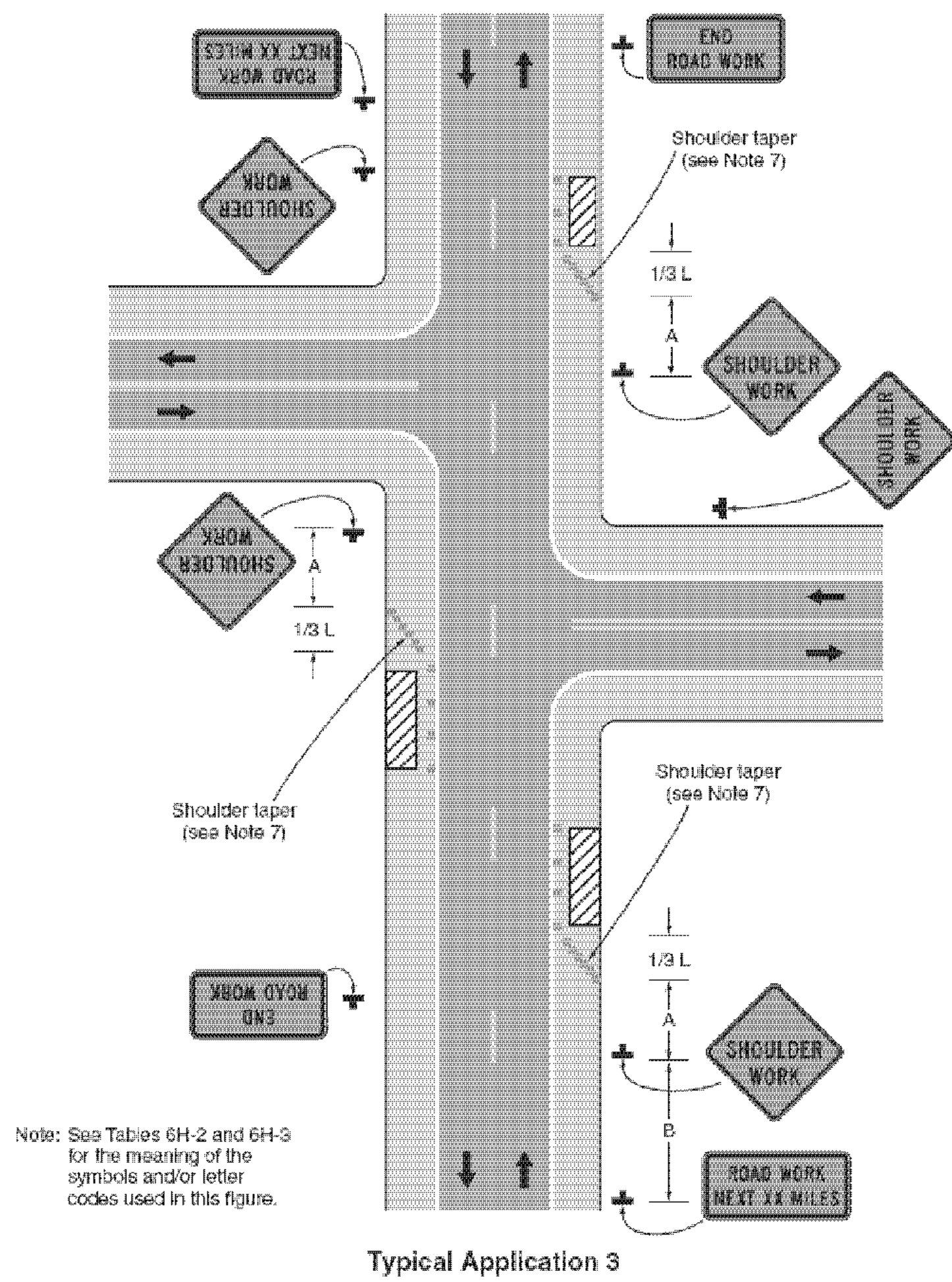


Figure 6H-4. Short-Duration or Mobile Operation on a Shoulder (TA-4)

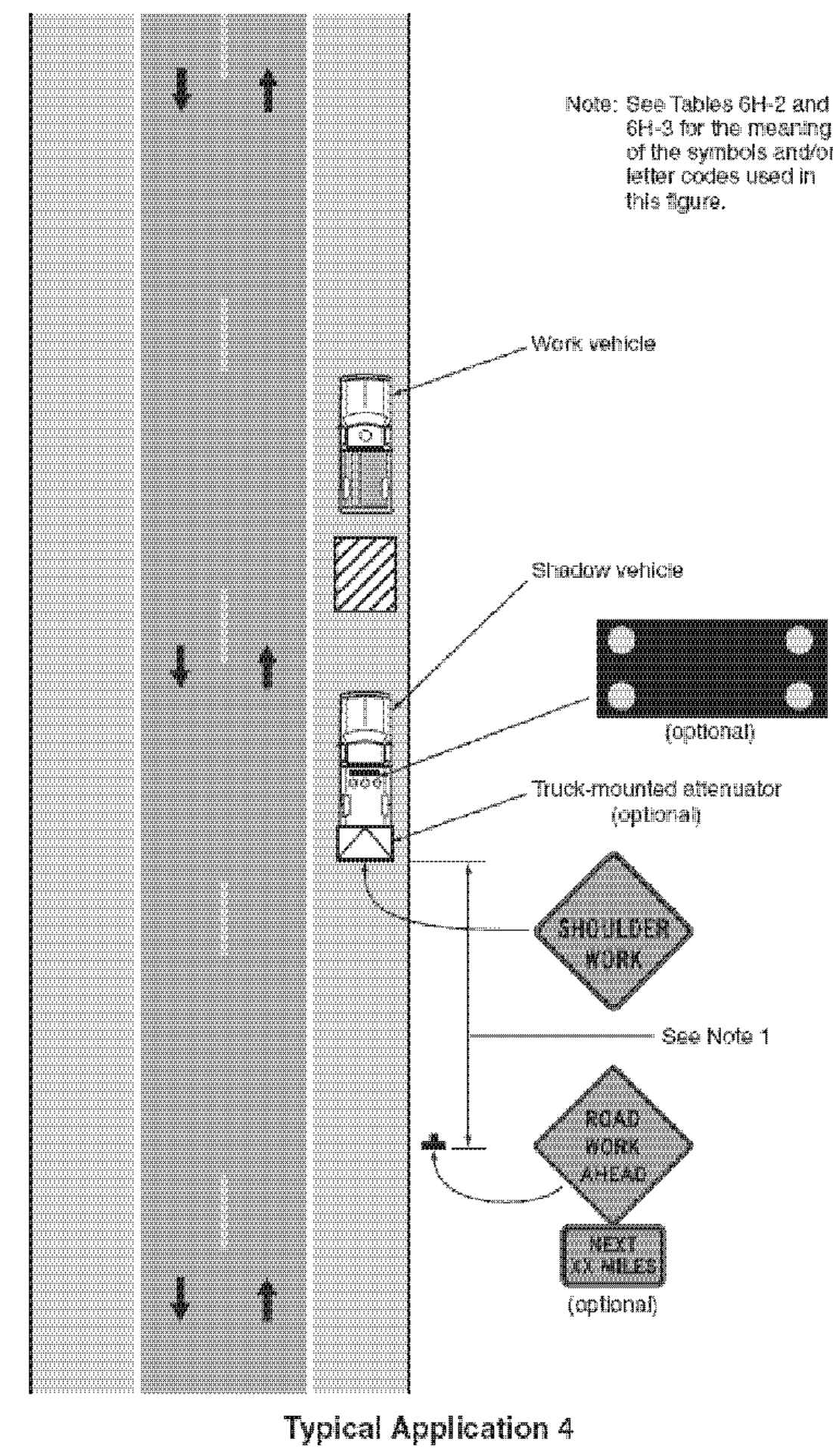


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)

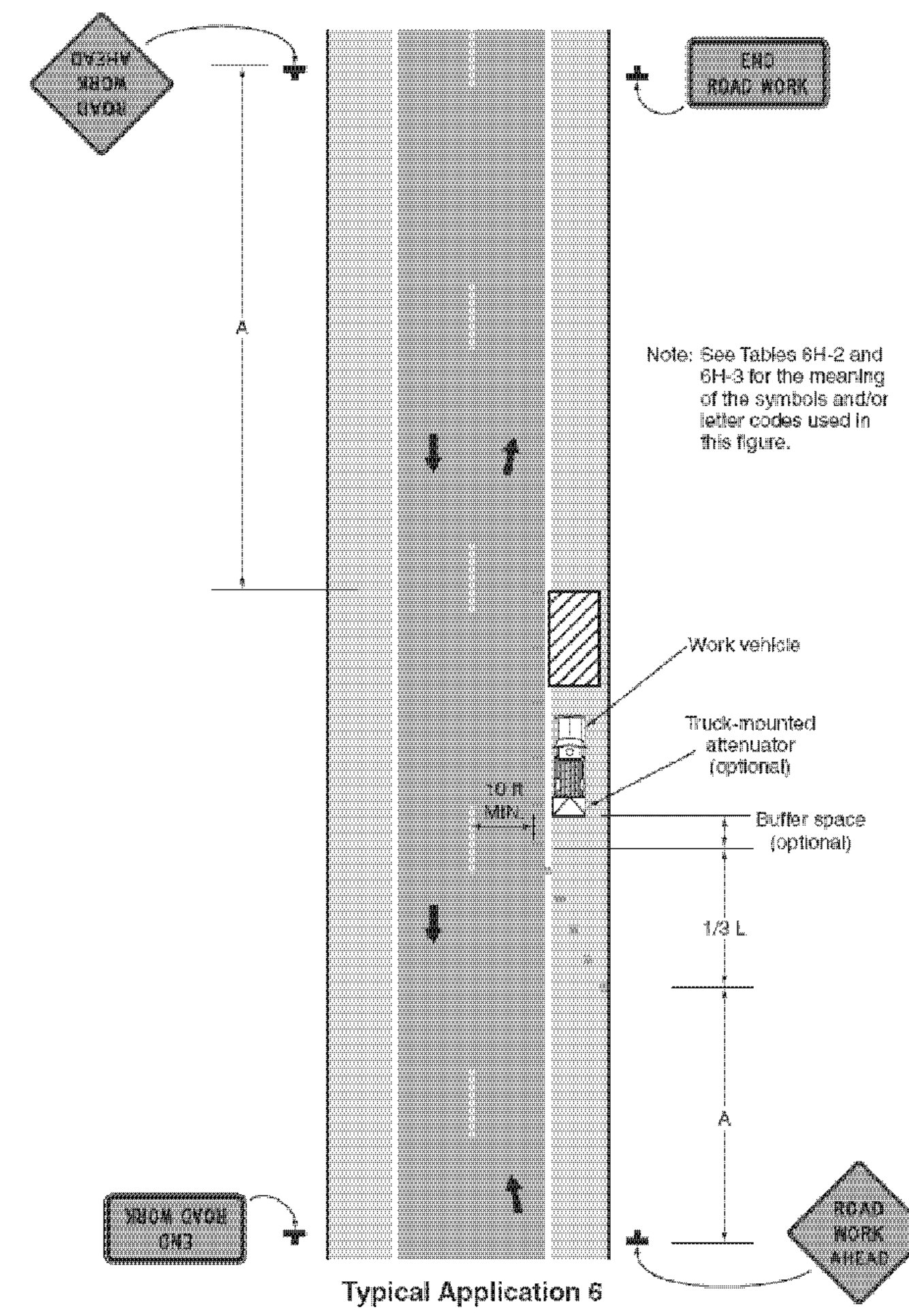
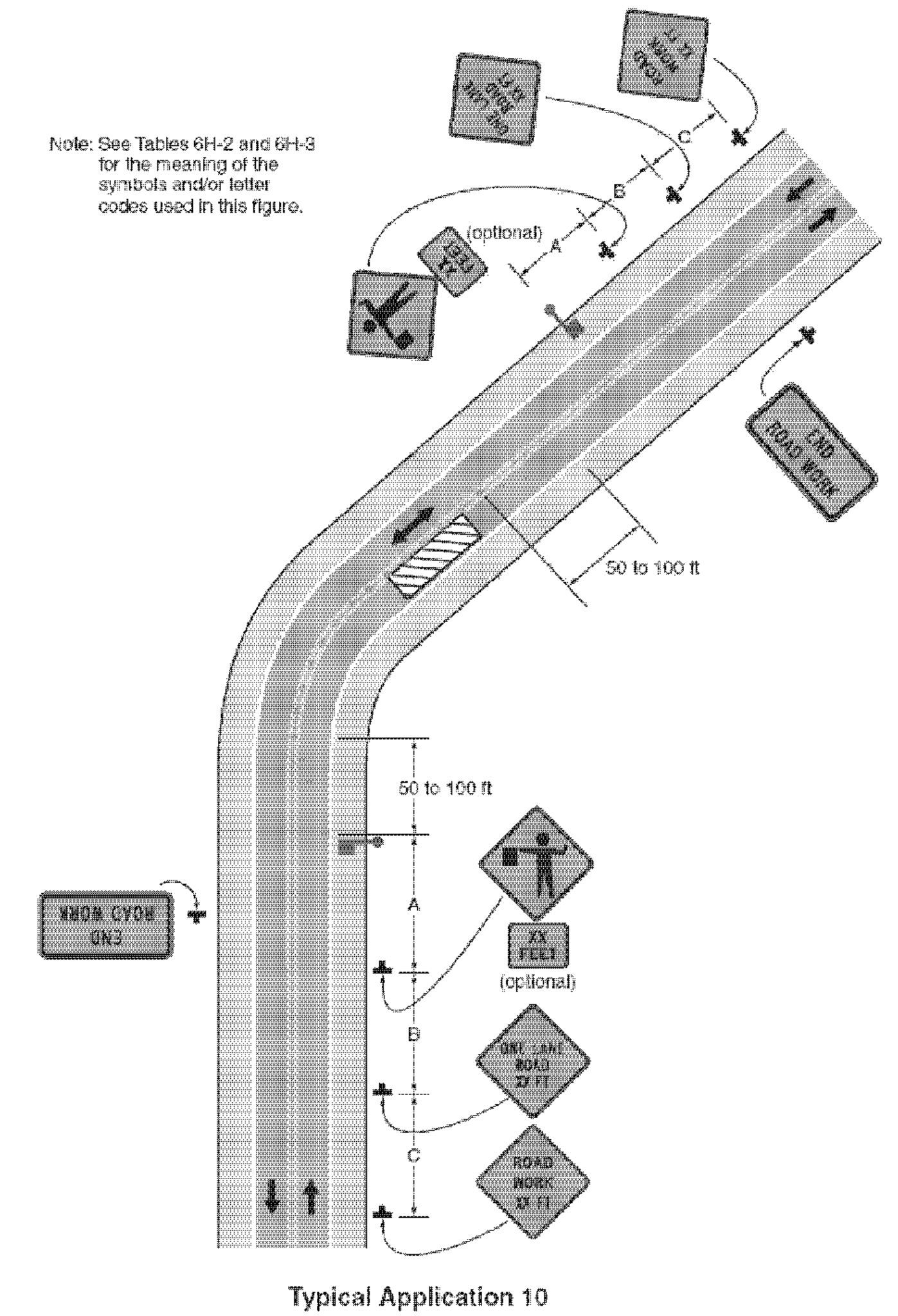


Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)



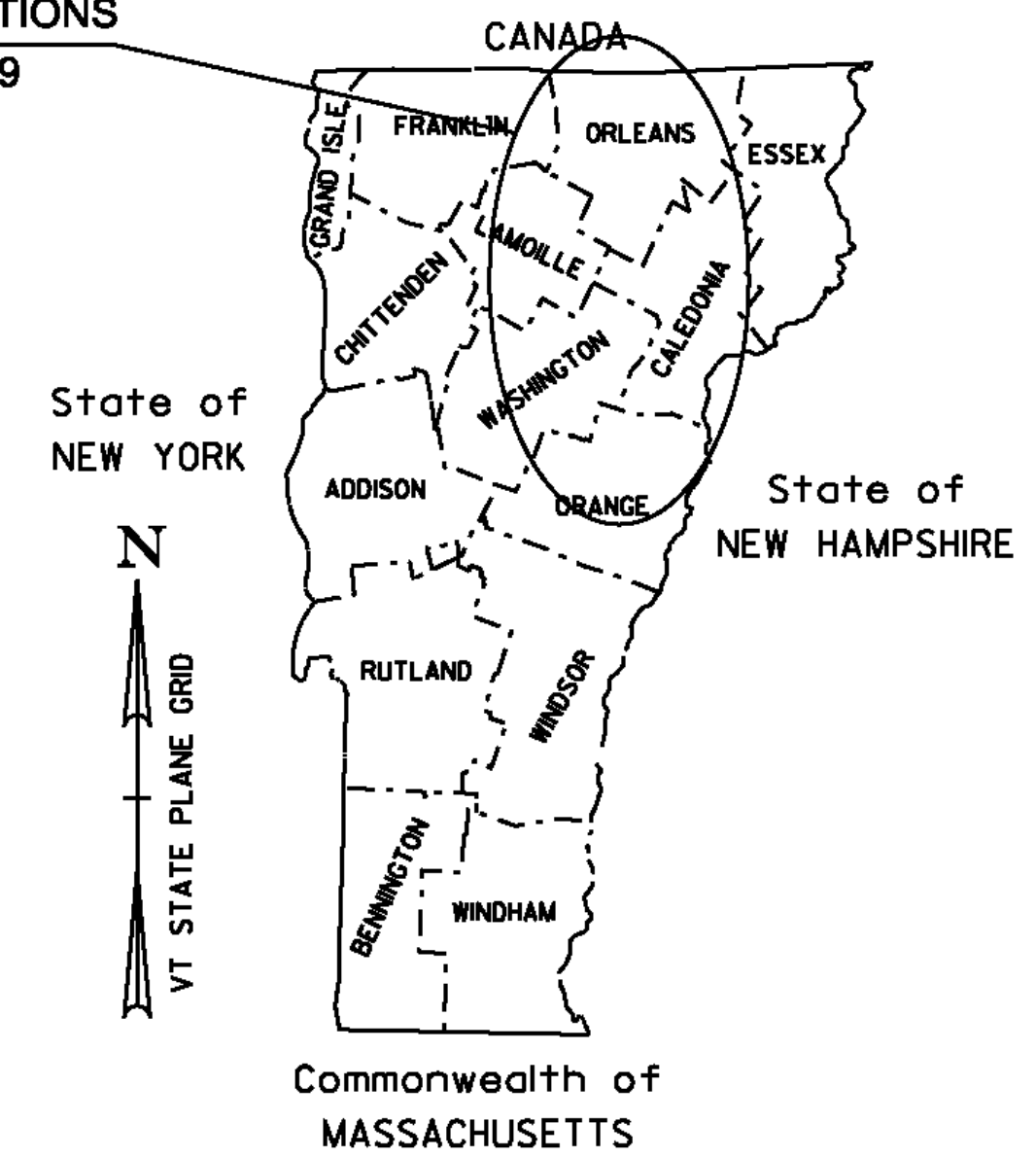
STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

STATEWIDE NORTHEAST REGION STP HRRR(12)
TOWNS OF BARRE, DERBY, LYNDON AND WILLIAMSTOWN
COUNTIES OF WASHINGTON, ORLEANS, CALEDONIA AND ORANGE
VARIOUS TOWN HIGHWAYS

PROJECT LOCATIONS
SEE SHEET 9



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

PROJECT LOCATIONS:	TH-38,	MM	0.000 - 2.066	BARRE TOWN (EAST COBBLE HILL ROAD)	PROJECT LENGTHS:	2.066 MILES	(10908.48 FT)
	TH-7,	MM	0.000 - 1.238	DERBY (SHATTUCK HILL ROAD)		1.238 MILES	(6536.64 FT)
	TH-1,	MM	0.000 - 4.096	LYNDON (SOUTH WHELOCK ROAD)		4.096 MILES	(21626.88 FT)
	TH-7,	MM	0.000 - 3.357	WILLIAMSTOWN (GRANITEVILLE ROAD)		3.357 MILES	(17724.96 FT)
TOTAL LENGTH:					10.757 MILES	(56796.96 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

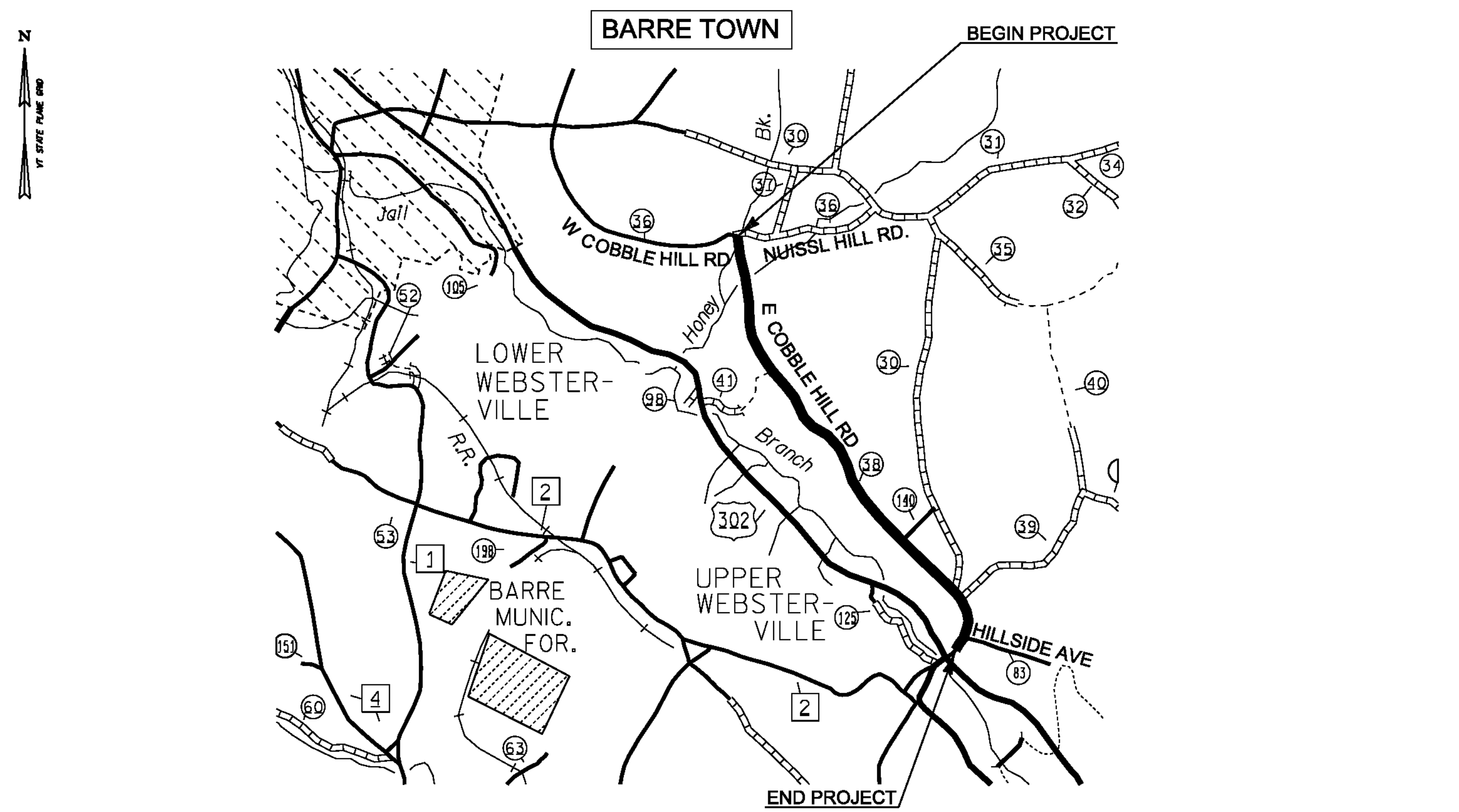
DATUM
VERTICAL N/A
HORIZONTAL N/A

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

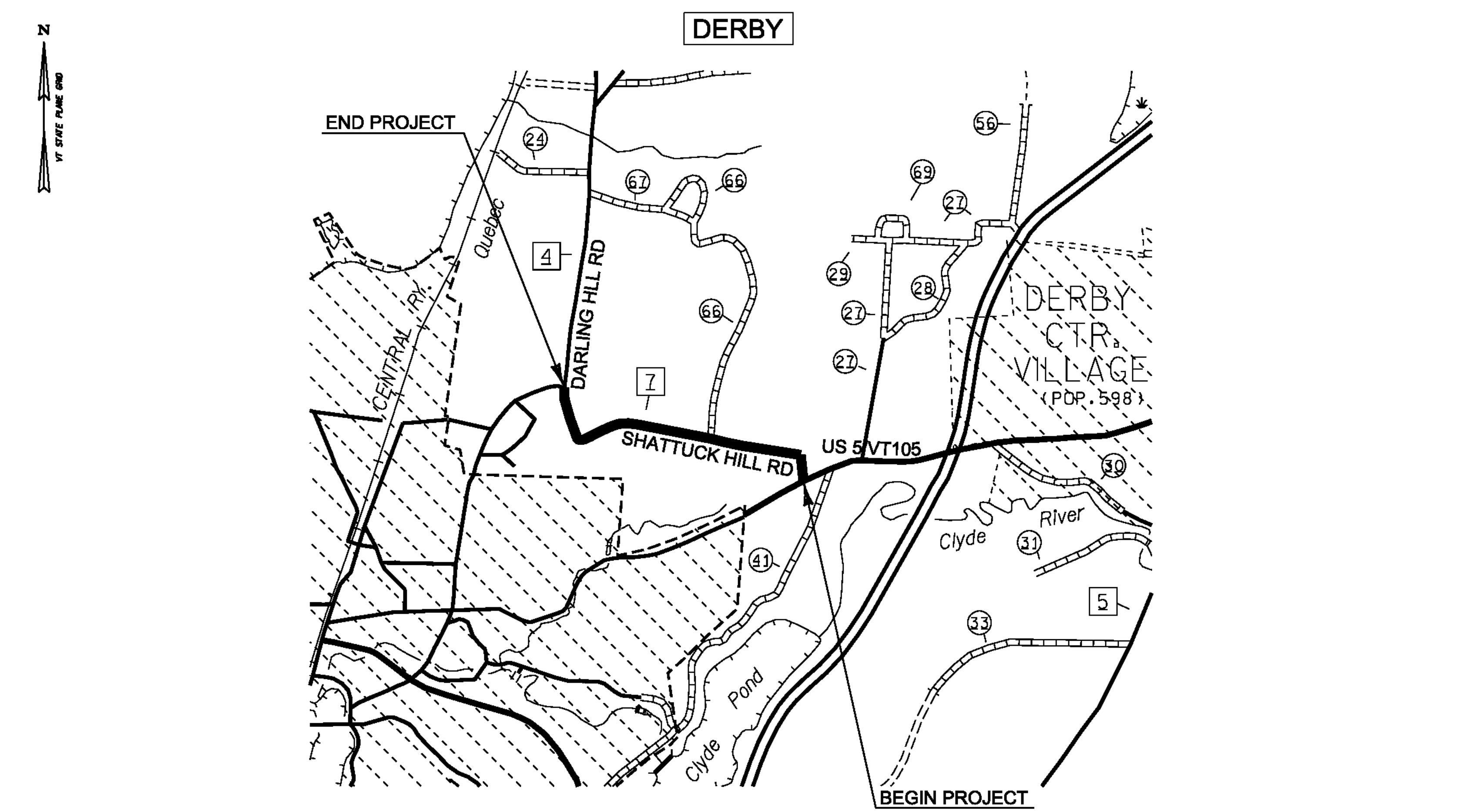
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS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

PROJECT MANAGER : JOSH SCHULTZ

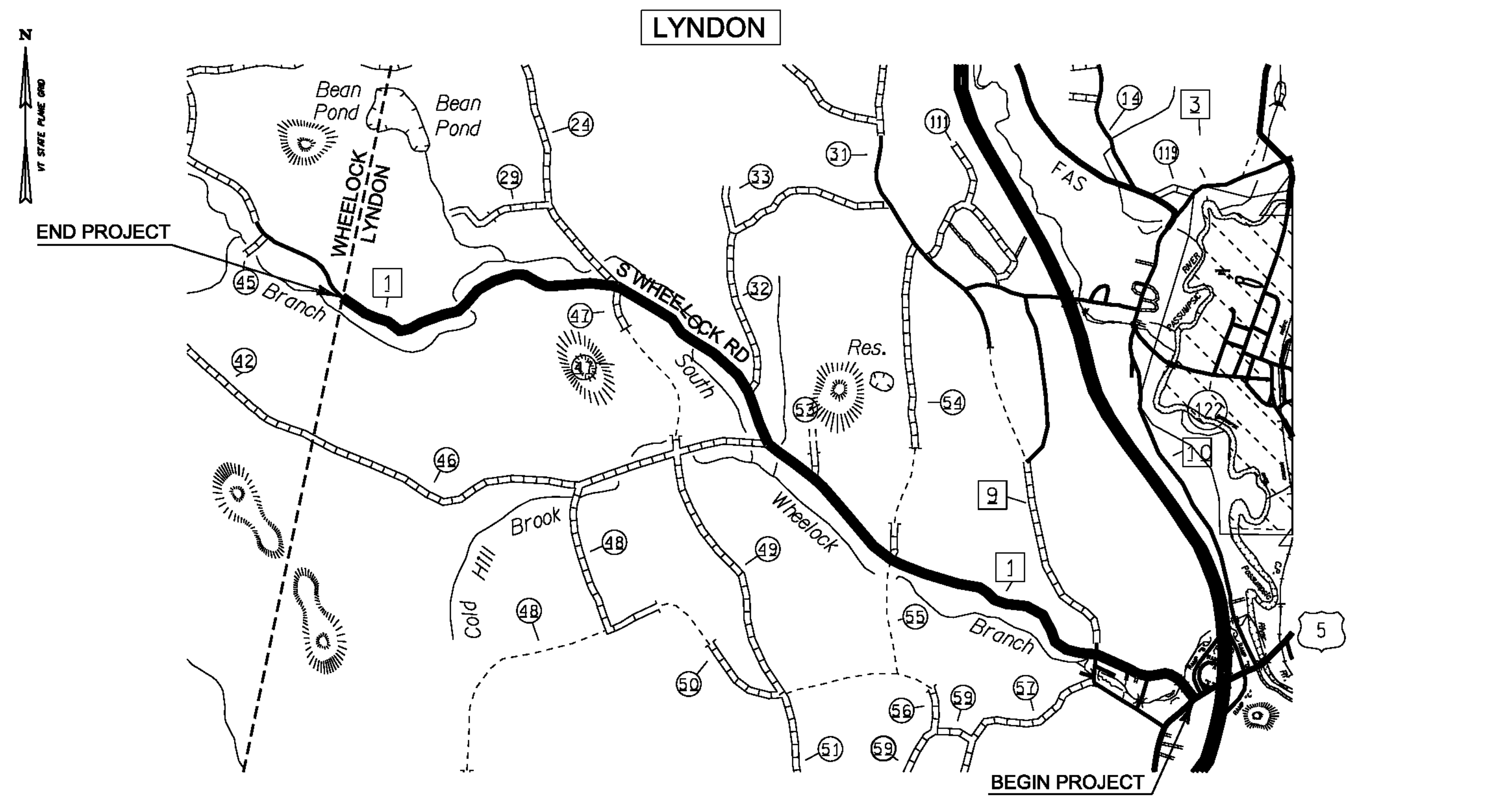
PROJECT NAME : STATEWIDE - NORTHEAST REGION
PROJECT NUMBER : STP HRRR(12)



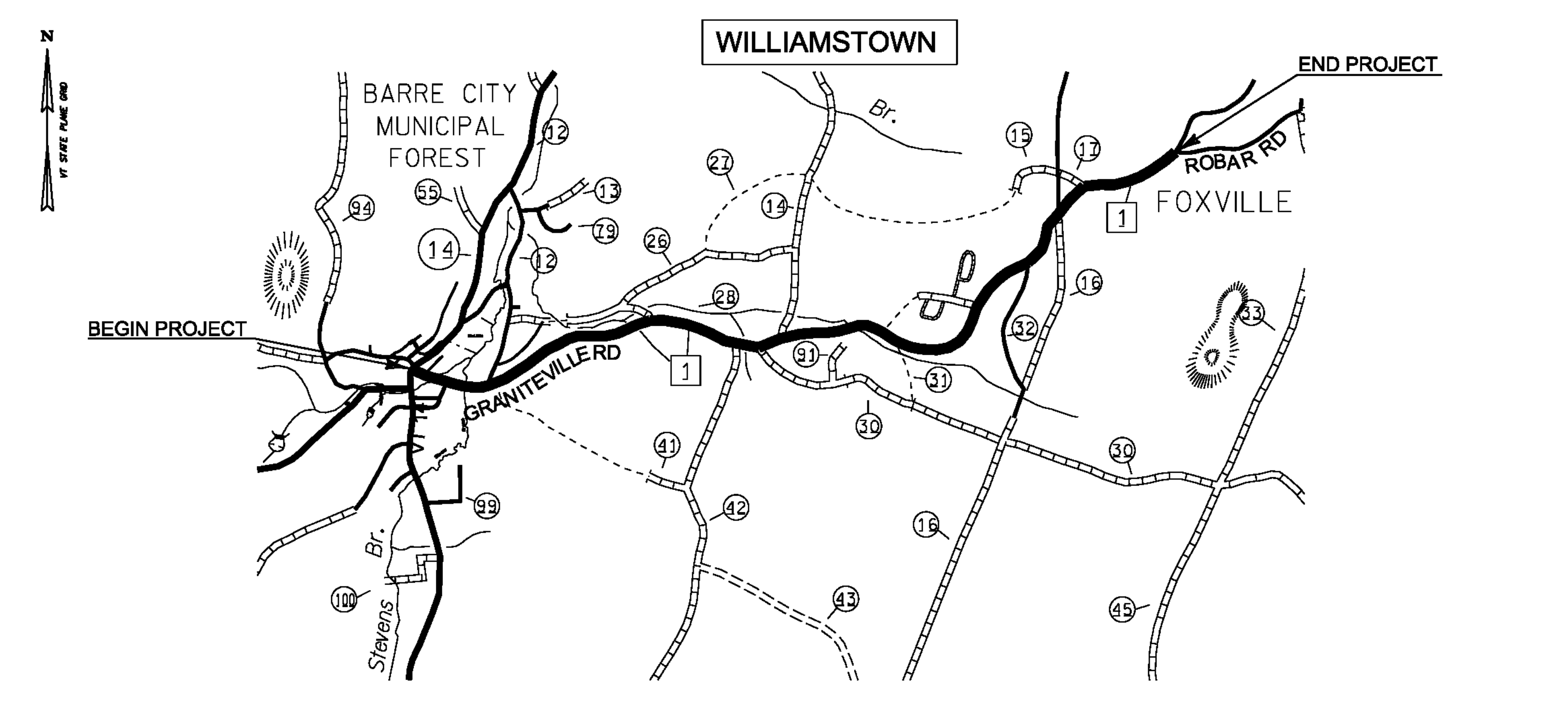
BEGINNING AT THE INTERSECTION OF NUSSL HILL ROAD (TH-36), WEST COBBLE HILL ROAD (TH-36), EAST COBBLE HILL ROAD (TH-38) IN THE TOWN OF BARRE, DESIGNATING WHERE THE CENTERLINE OF EACH OF THESE ROADS INTERSECTS EACH OTHER AS MILE MARKER 0.00 AND EXTENDING SOUTHEASTERLY ALONG EAST COBBLE HILL ROAD FOR A DISTANCE OF 2.066 MILES TO A POINT 0.043 MILES SOUTHEAST OF HILLSIDE AVENUE (TH-83) TO CONCLUDE THIS SEGMENT OF THIS PROJECT.



BEGINNING AT THE INTERSECTION OF US ROUTE 5/VT ROUTE 105 AND SHATTUCK HILL ROAD (TH-7) IN THE TOWN OF DERBY, DESIGNATING WHERE THE CENTERLINE OF EACH OF THESE ROADS INTERSECTS EACH OTHER AS MILE MARKER 0.00 AND EXTENDING WESTERLY ALONG SHATTUCK HILL ROAD (TH-7) FOR A DISTANCE OF 1.238 MILES TO A POINT IMMEDIATELY EAST OF THE INTERSECTION OF DARLING HILL ROAD (TH-4) TO CONCLUDE THIS SEGMENT OF THIS PROJECT.



BEGINNING AT THE INTERSECTION OF US ROUTE 5 AND SOUTH WHEELLOCK ROAD (TH-1) IN THE TOWN OF LYNDON, DESIGNATING WHERE THE CENTERLINE OF EACH OF THESE ROADS INTERSECTS EACH OTHER AS MILE MARKER 0.00 AND EXTENDING WESTERLY ALONG SOUTH WHEELLOCK ROAD (TH-1) FOR A DISTANCE OF 4.096 MILES TO THE LYNDON-WHEELLOCK TOWNLINE TO CONCLUDE THIS SEGMENT OF THIS PROJECT.



BEGINNING AT THE INTERSECTION OF VT ROUTE 14 AND MEADOW STREET (TH-1) IN THE TOWN OF WILLIAMSTOWN, DESIGNATING WHERE THE CENTERLINE OF EACH OF THESE ROADS INTERSECTS EACH OTHER AS MILE MARKER 0.00 AND EXTENDING EASTERLY ALONG MEADOW STREET/GRANITEVILLE ROAD (TH-1) FOR A DISTANCE OF 3.357 MILES TO A POINT 0.385 MILES EAST OF MOSQUITOVILLE ROAD (TH-17) JUST WEST OF THE INTERSECTION OF ROBAR ROAD (TH-6) TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

PROJECT NAME:	STATEWIDE NORTHEAST REGION	PLOT DATE:	11-JUL-2012
PROJECT NUMBER:	STP HRRR(12)	DRAWN BY:	TDS
FILE NAME:	I2K018wrk	CHECKED BY:	NLA
PROJECT LEADER:	JLS	LOCATION MAPS SHEET	
DESIGNED BY:	NLA	SHEET	9 OF 52

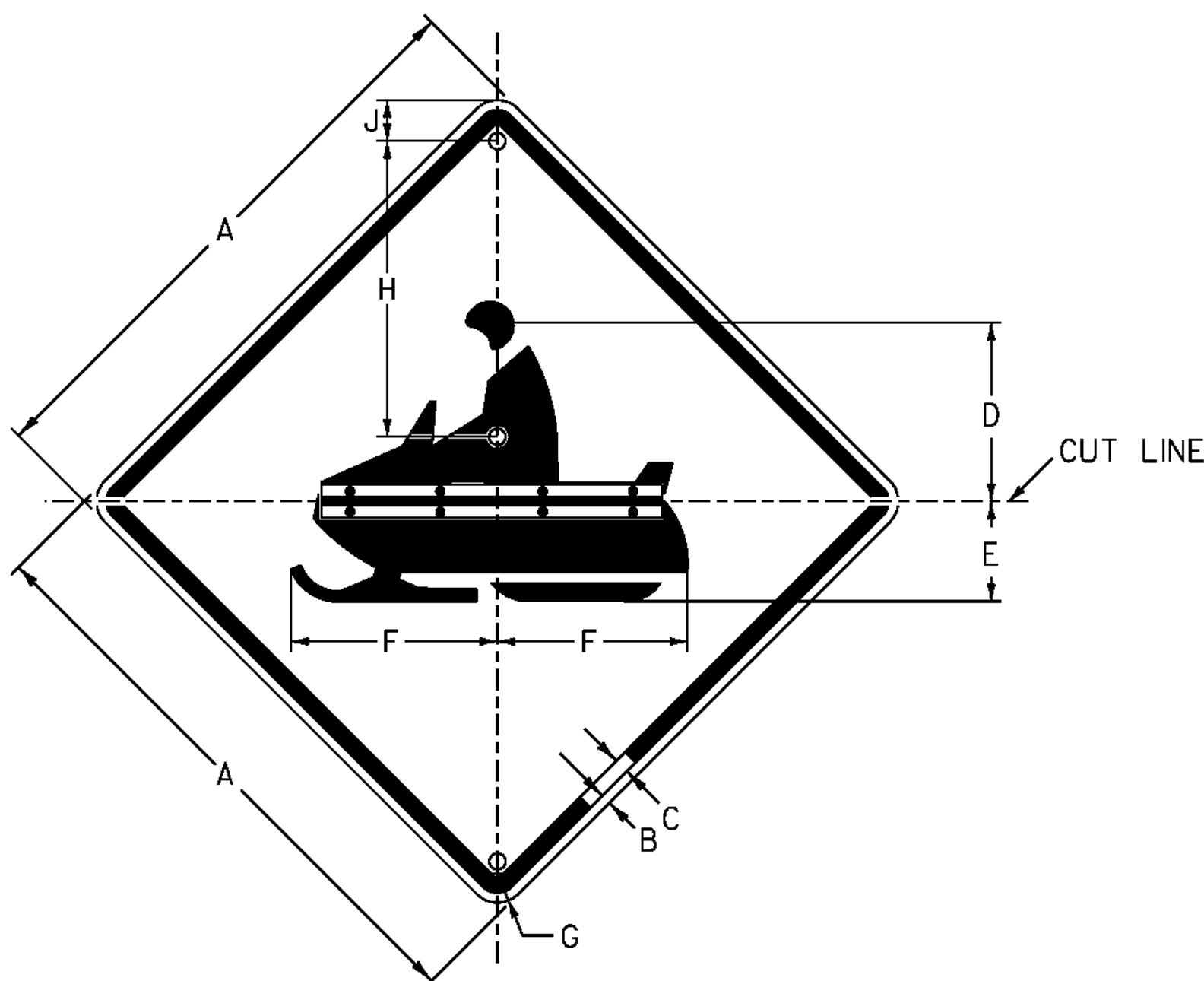
NOT TO SCALE

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
												ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
													150	150	CY	EARTH BORROW	203.30	EST.			
													1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
													8	8	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
													8	8	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.			
													8	8	HR	TRUCK RENTAL	608.37	EST.			
													8	8	HR	LOADER RENTAL, TYPE I	608.40	EST.			
													113	113	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	-			
													6	6	EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
													113	113	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-			
													24	24	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
													275	275	HR	FLAGGERS	630.15	EST.			
													0.5	0.5	LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
													1	1	LS	TRAFFIC CONTROL (STP HRRR(12))	641.10	-			
													1050	1050	LF	4 INCH WHITE LINE	646.20	15.1			
													1600	1600	LF	4 INCH YELLOW LINE	646.21	22.4			
													208	208	LF	24 INCH STOP BAR	646.26	EST.			
													45	45	EACH	LETTER OR SYMBOL	646.30	-			
													15	15	LB	SEED	651.15	EST.			
													15	15	LB	FERTILIZER	651.18	EST.			
													0.3	0.3	TON	AGRICULTURAL LIMESTONE	651.20	EST.			
													0.75	0.75	TON	HAY MULCH	651.25	EST.			
													7.5	7.5	CY	TOPSOIL	651.35	EST.			
													150	150	SY	TEMPORARY EROSION MATTING	653.20	EST.			
													977.42	977.42	SF	TRAFFIC SIGNS, TYPE A	675.20	-			
													2535	2535	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	EST.			
													126	126	EACH	REMOVING SIGNS	675.50	EST.			
													55	55	EACH	DELINEATOR WITH STEEL POST	676.10	EST.			

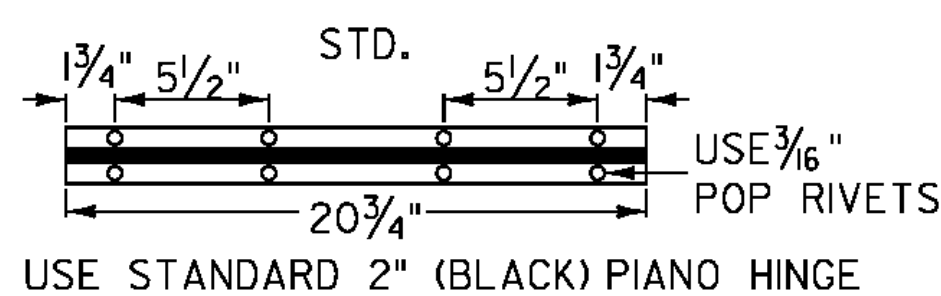
PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)
FILE NAME: I2K018wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
QUANTITY SHEET

PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA
SHEET 10 **OF** 52



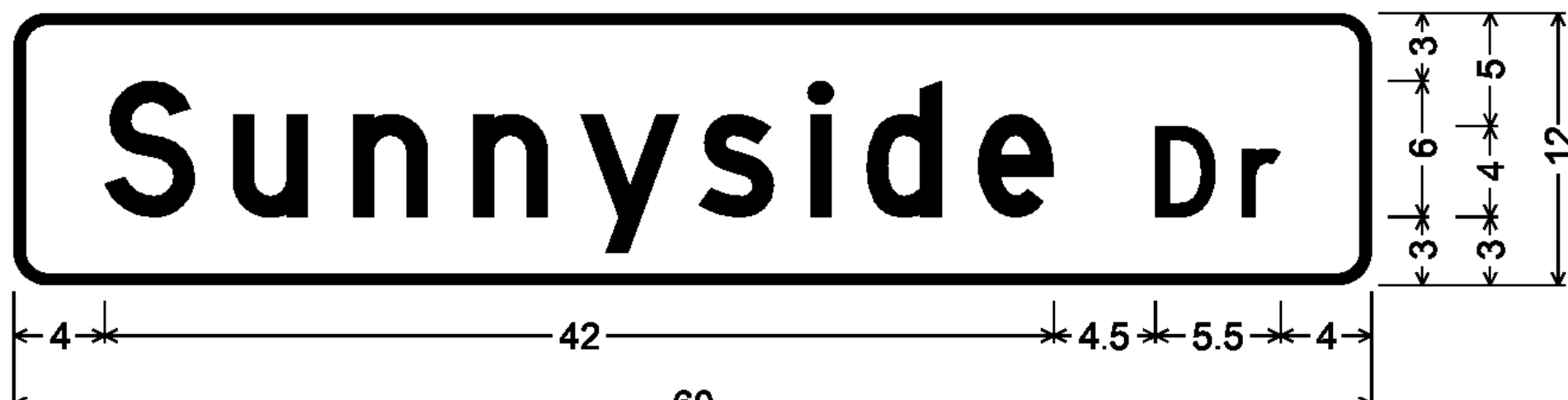
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Background - Yellow;

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD.	30	1/2	3/4	11/16	5/16	12 1/16	17/8	14	2 1/2
SPECIAL	36	5/8	7/8	1 1/8	6 3/4	15 1/4	2 1/4	19	2 1/2



W11-6H

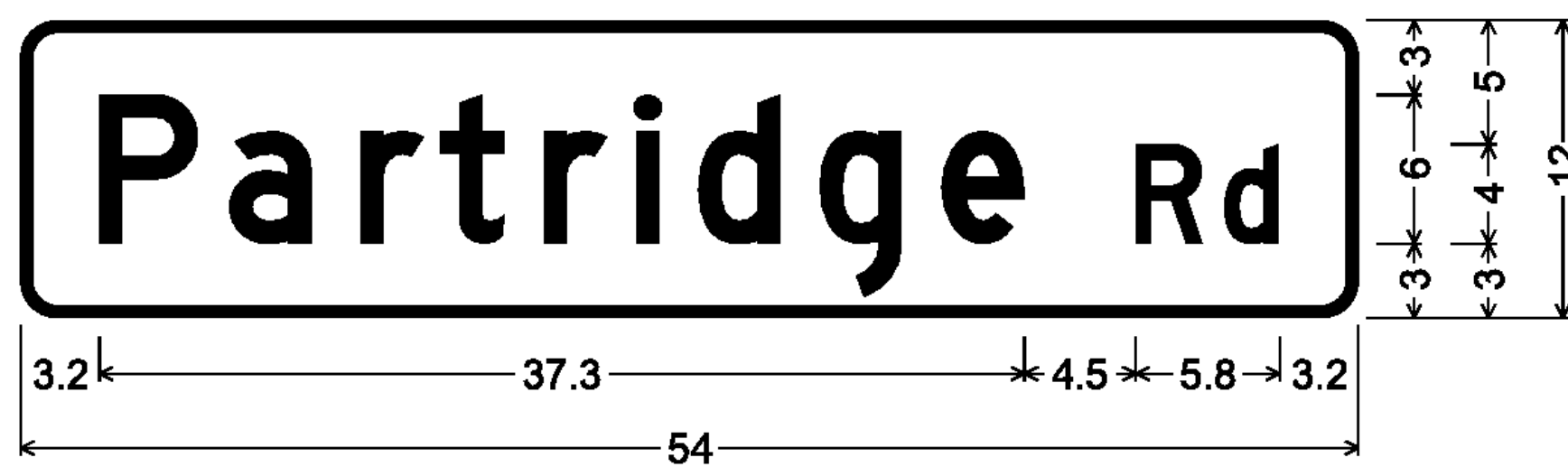
BARRE TOWN



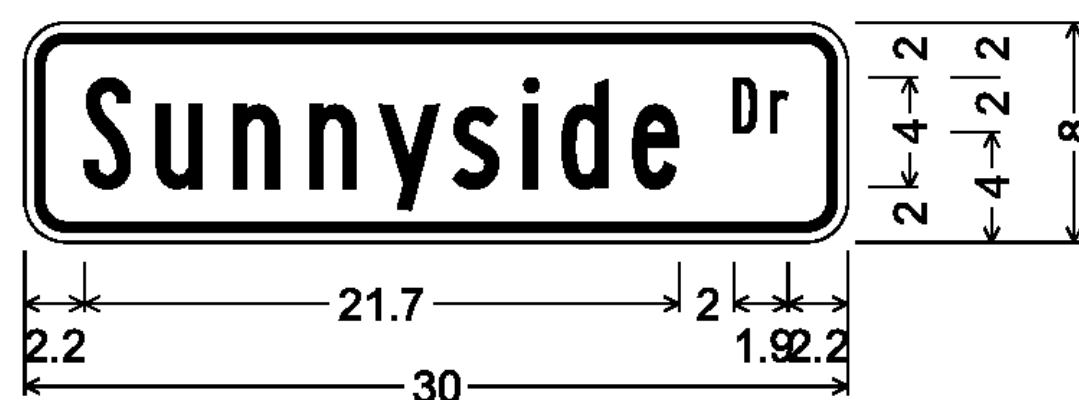
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[Sunnyside Dr] D;
D3-1



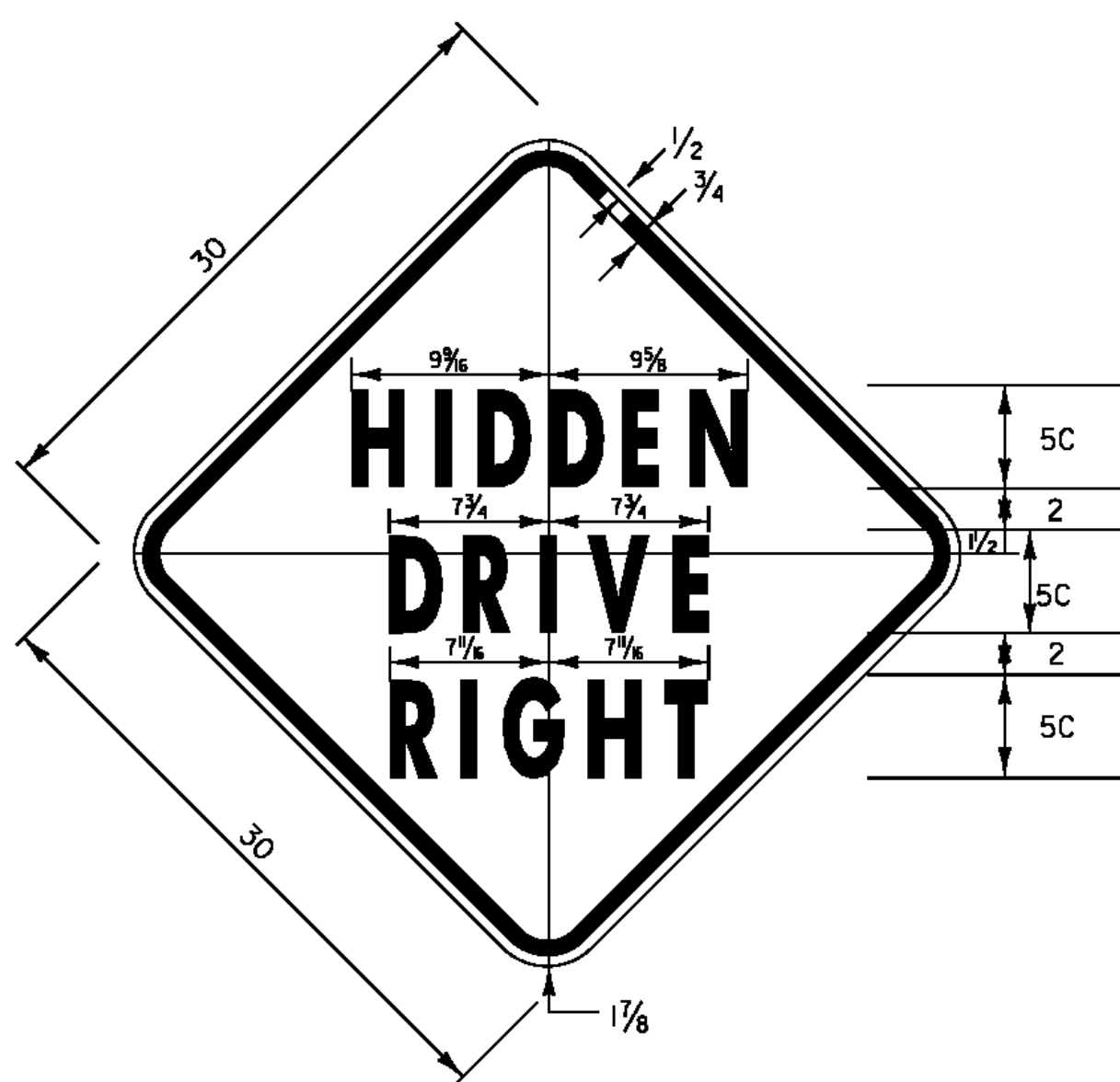
1.5" Radius, 0.5" Border, White on Green;
[Taplin Rd] D;
D3-1



1.5" Radius, 0.5" Border, White on Green;
[Partridge Rd] D;
D3-1



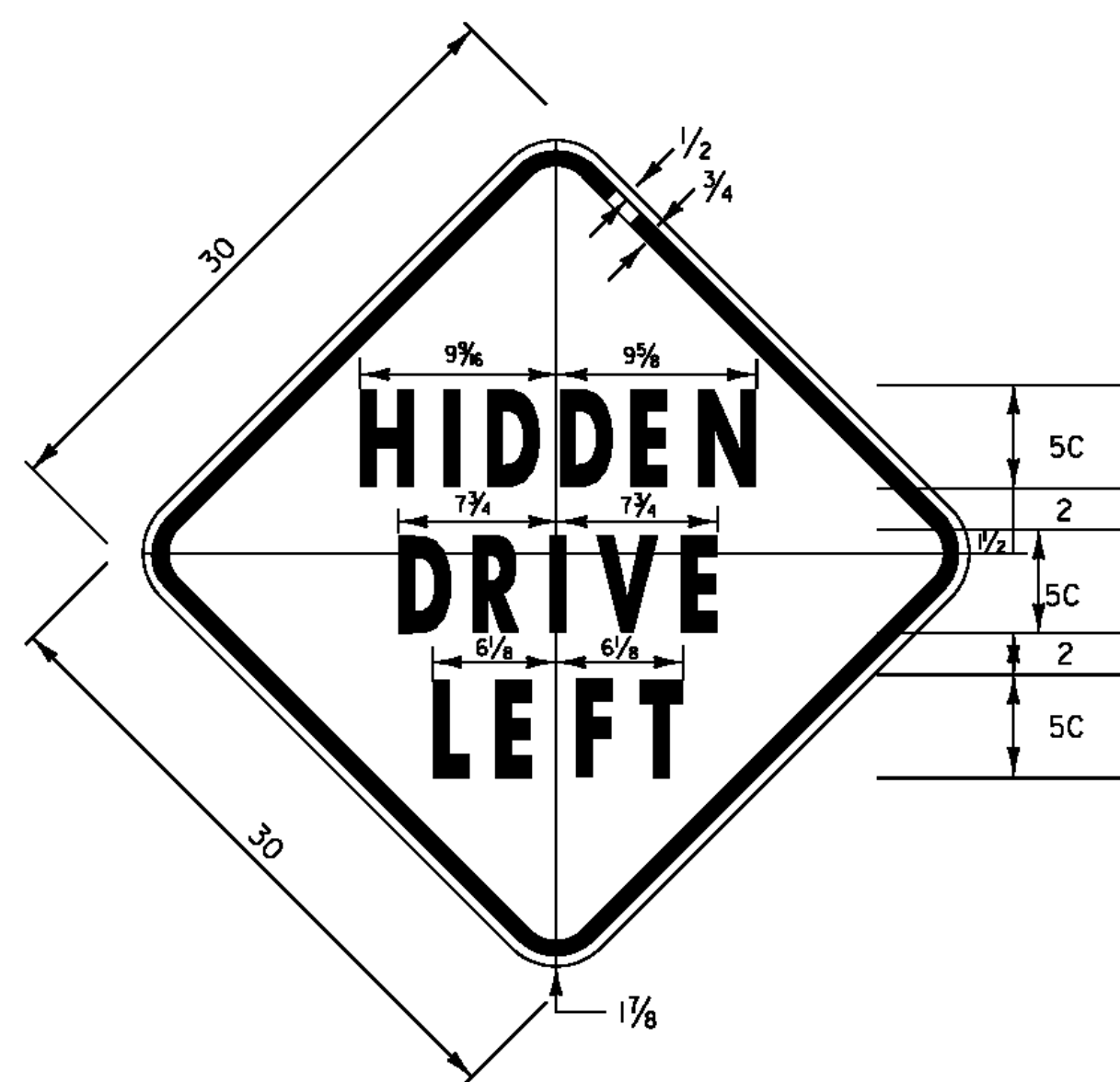
1.5" Radius, 0.4" Border, 0.4" Indent, Black on Yellow;
[Sunnyside Dr] B;
W16-8



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

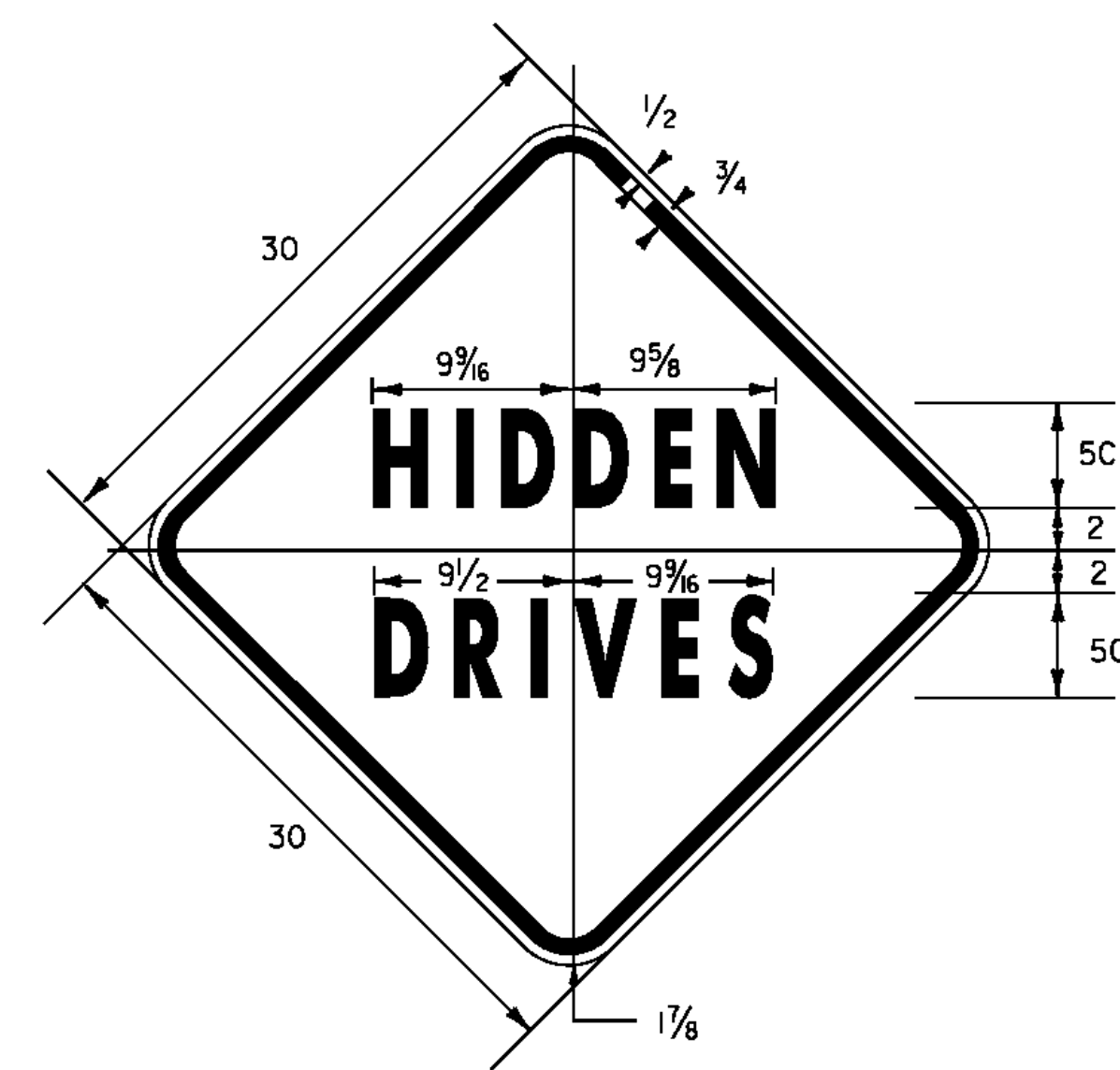
VW-054

DERBY



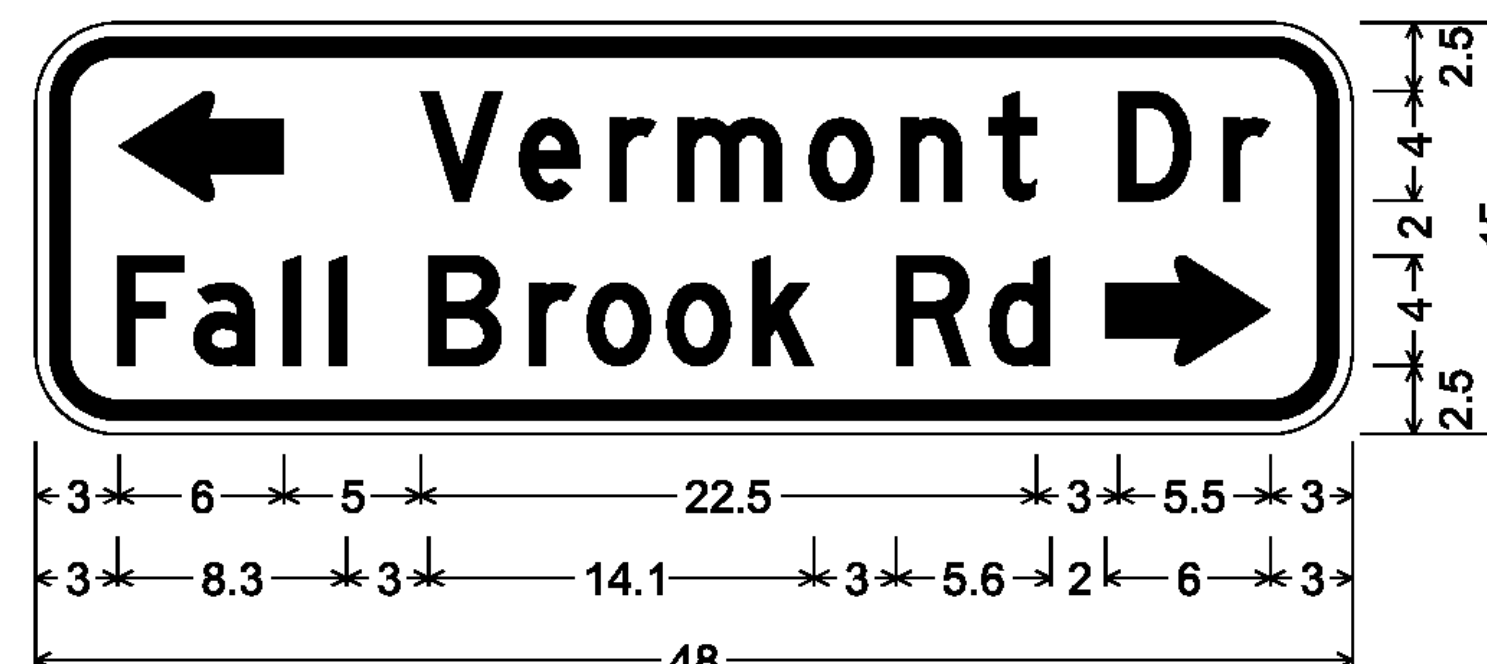
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COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

VW-133



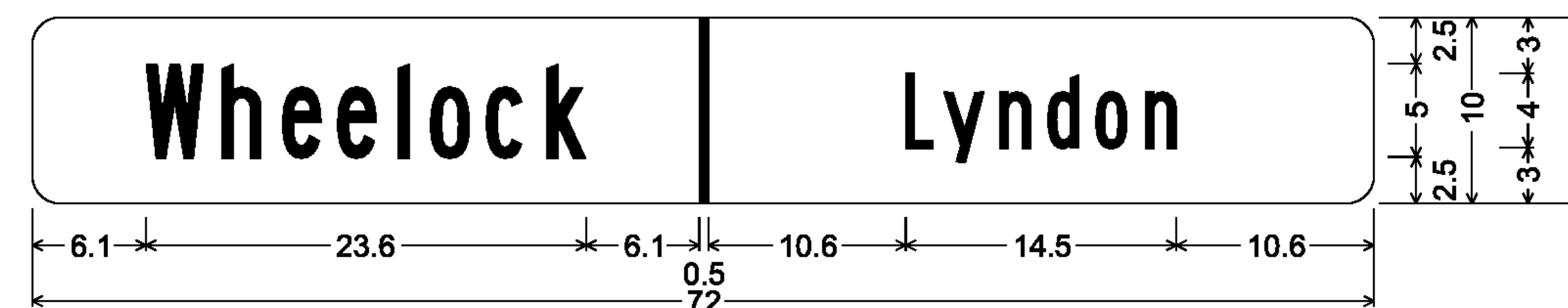
1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: "HIDDEN" C; "DRIVES" C

VW-060



3.0" Radius, 0.8" Border, 0.5" Indent, Black on Yellow;
Standard Arrow Custom 6.0" X 4.0" 180°; [Vermont Dr] D;
[Fall Brook Rd] D 80% spacing;
Standard Arrow Custom 6.0" X 4.0" 0°;

W16-8aP



1.5" Radius, No border, White on Green;
[Wheelock] B; [Lyndon] B;

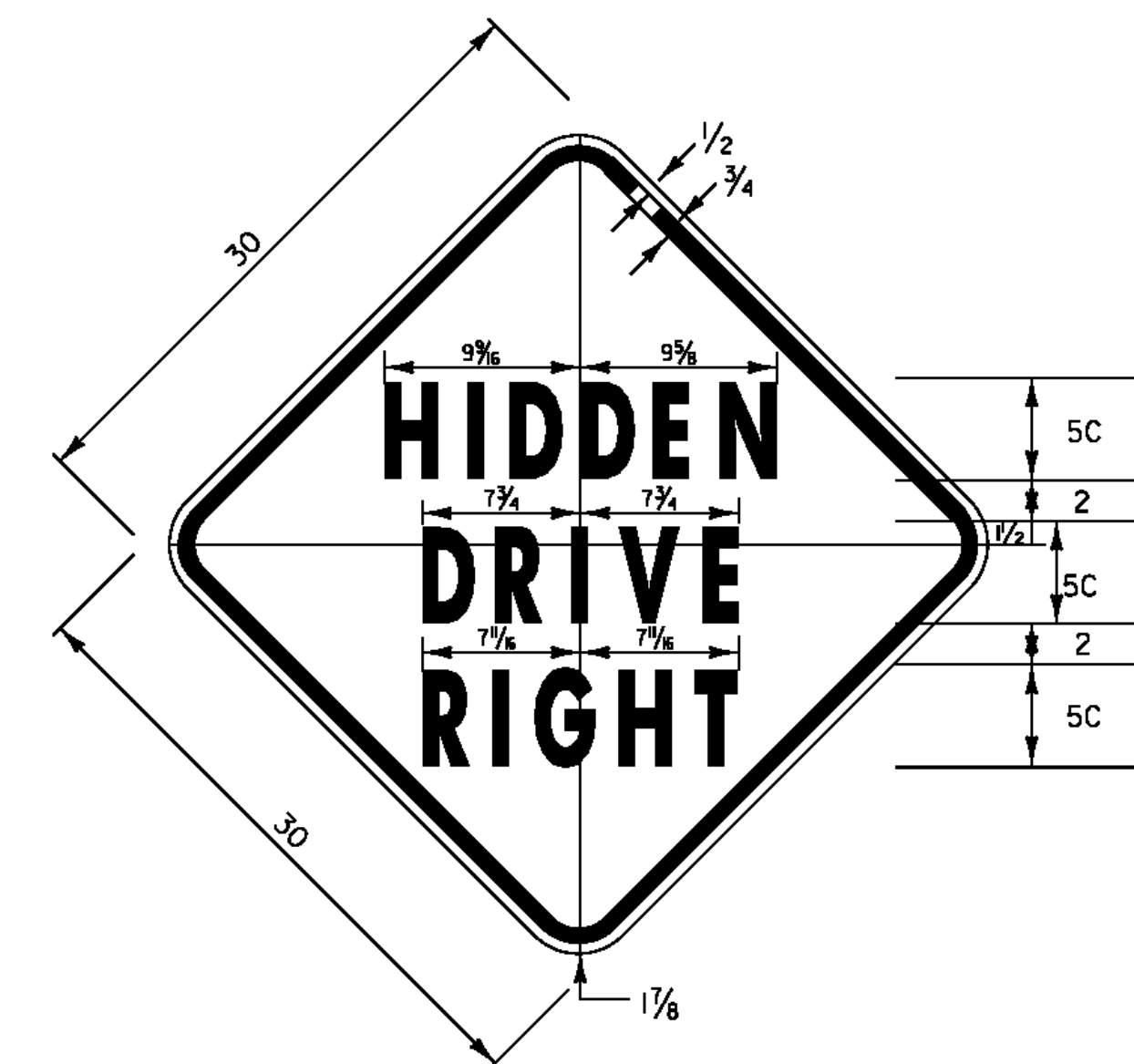
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LYNDON



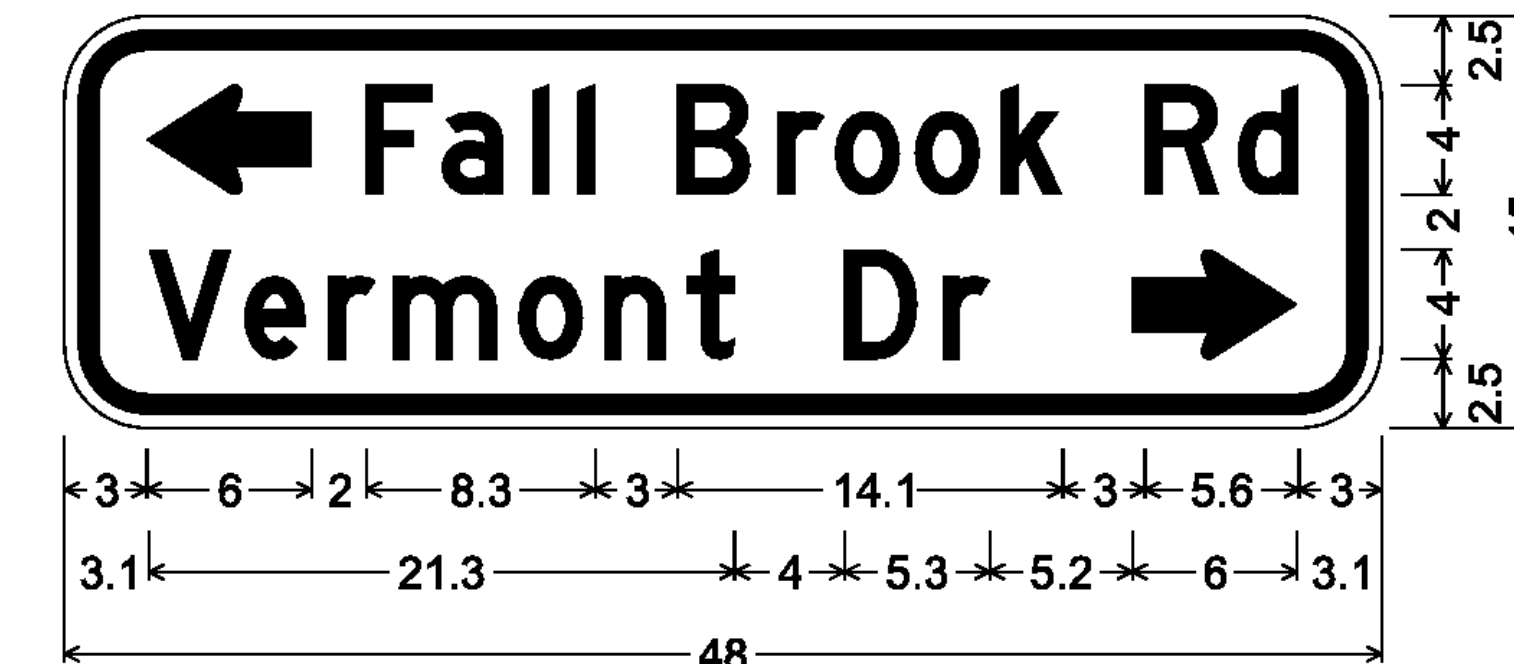
1.5" Radius, 0.5" Border, White on Green;
[Ridge Hill Rd] D;
D3-1

D3-1



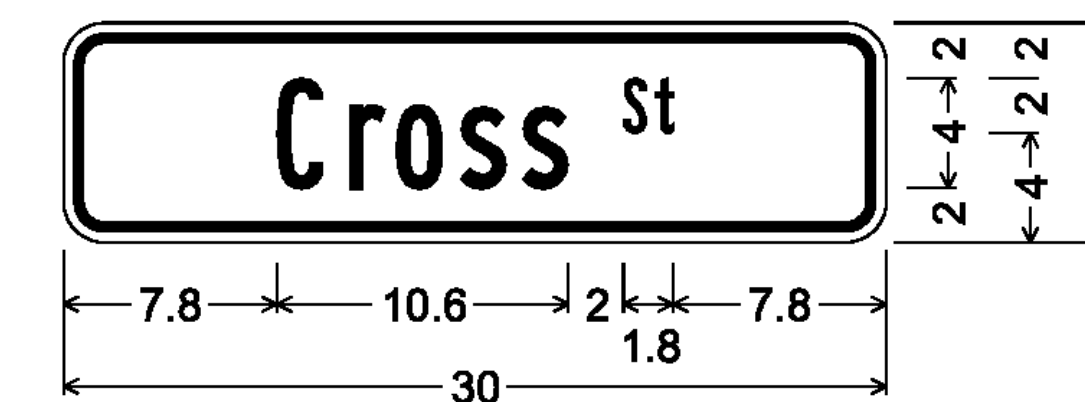
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COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

VW-054



3.0" Radius, 0.8" Border, 0.5" Indent, Black on Yellow;
Standard Arrow Custom 6.0" X 4.0" 180°;
[Fall Brook Rd] D 80% spacing;
[Vermont Dr] D 80% spacing;
Standard Arrow Custom 6.0" X 4.0" 0°;

W16-8aP

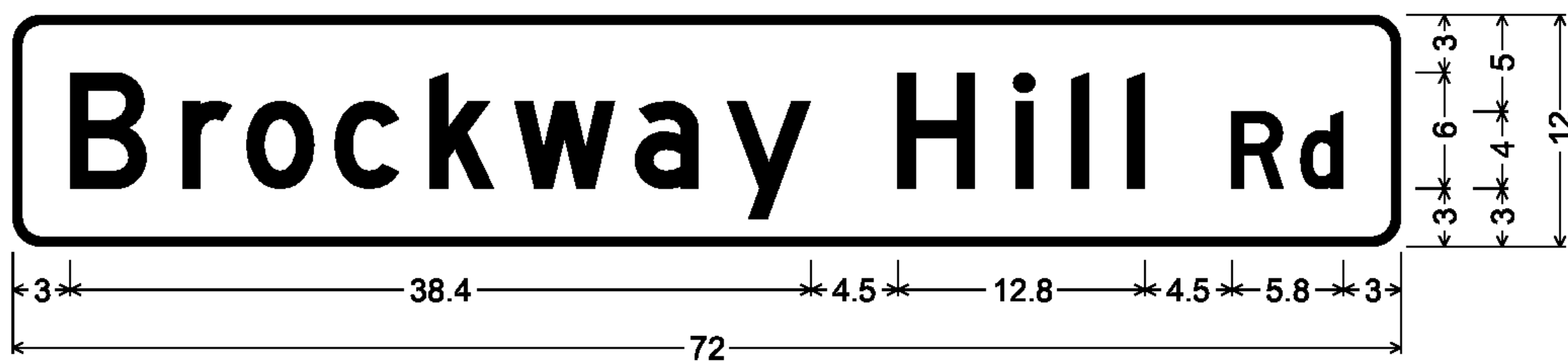


1.5" Radius, 0.4" Border, 0.4" Indent, Black on Yellow;
[Cross St] B;

W16-8P

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)

FILE NAME: I2K018wrk.dgn
PROJECT LEADER: JLS
DRAWN BY: TDS
DESIGNED BY: NLA
PROJECT SIGN DETAIL SHEET I
PLOT DATE: 11-JUL-2012
CHECKED BY: NLA
SHEET 11 OF 52



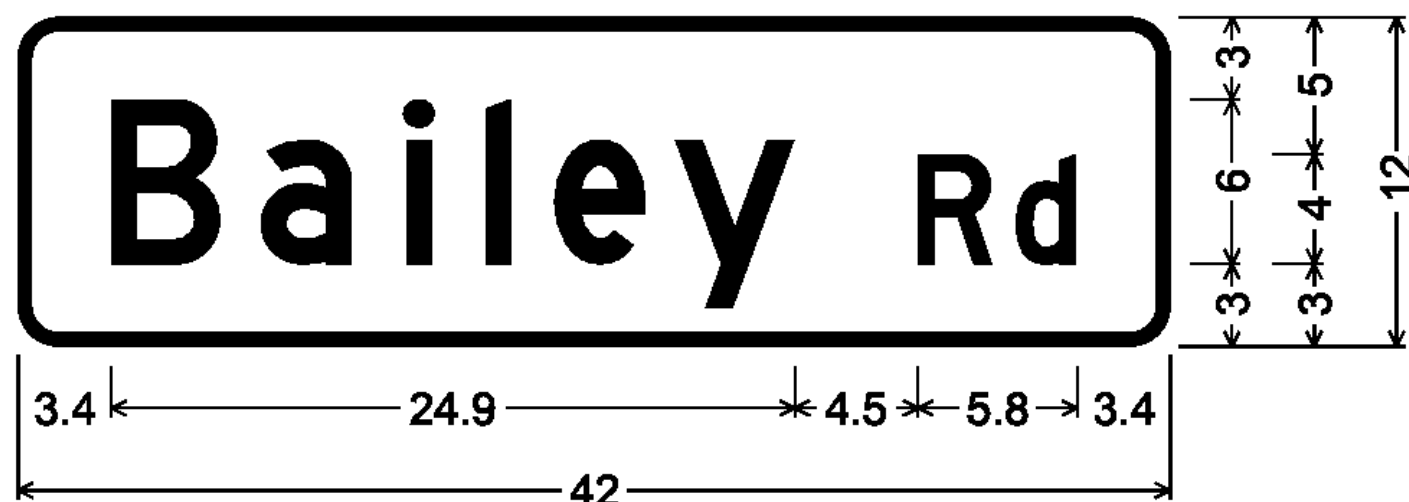
1.5" Radius, 0.5" Border, White on Green;
[Brockway Hill Rd] D;

D3-1



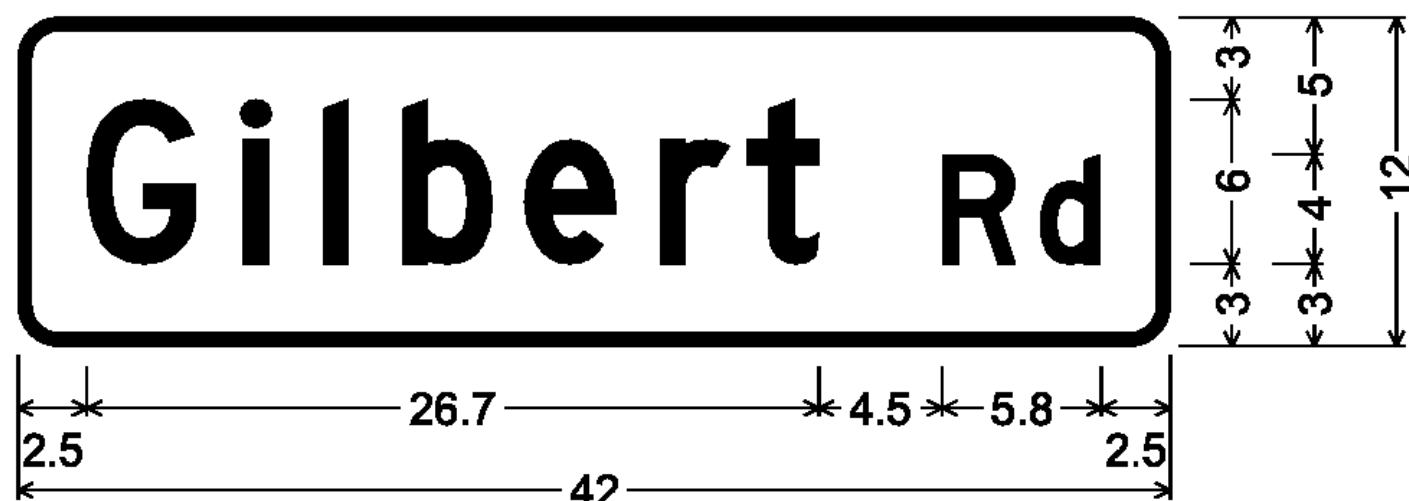
1.5" Radius, 0.5" Border, White on Green;
[Graniteville Rd] D;

D3-1



1.5" Radius, 0.5" Border, White on Green;
[Bailey Rd] D;

D3-1



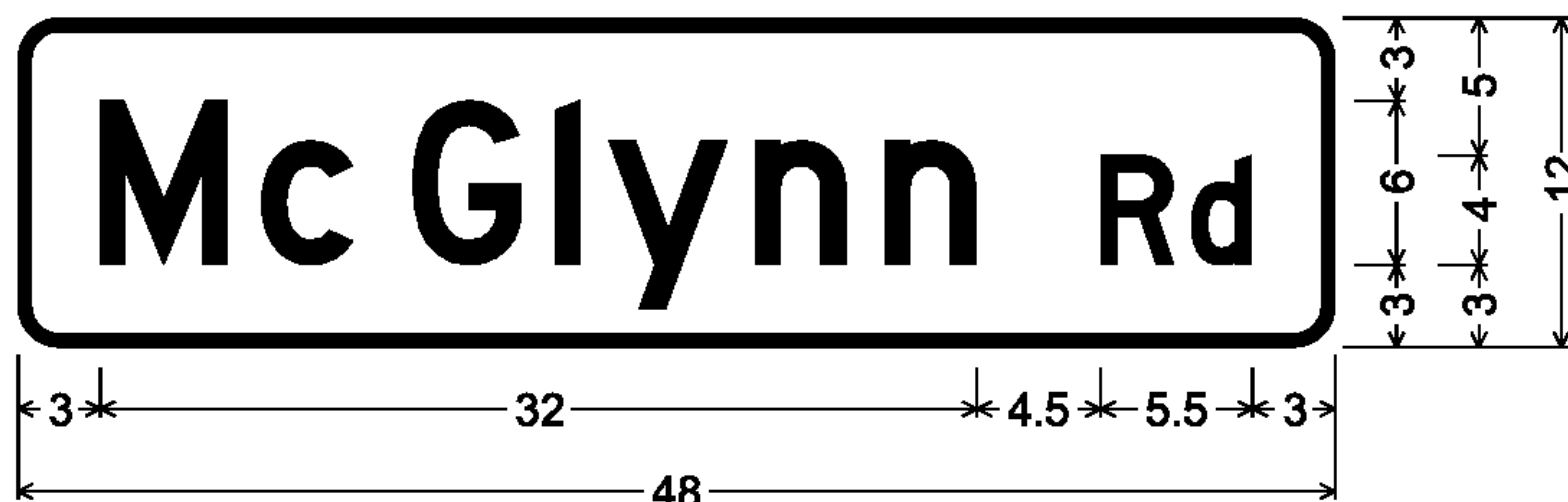
1.5" Radius, 0.5" Border, White on Green;
[Gilbert Rd] D;

D3-1



1.5" Radius, 0.5" Border, White on Green;
[Martin Rd] D;

D3-1



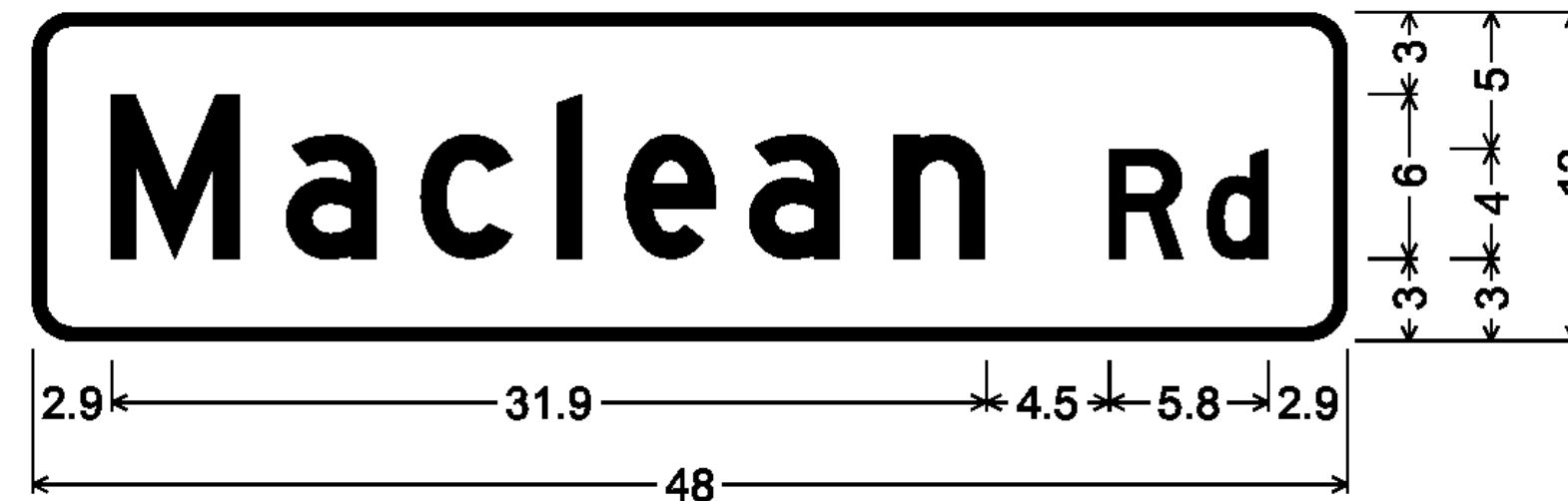
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[McGlynn Rd] D specified length;

D3-1



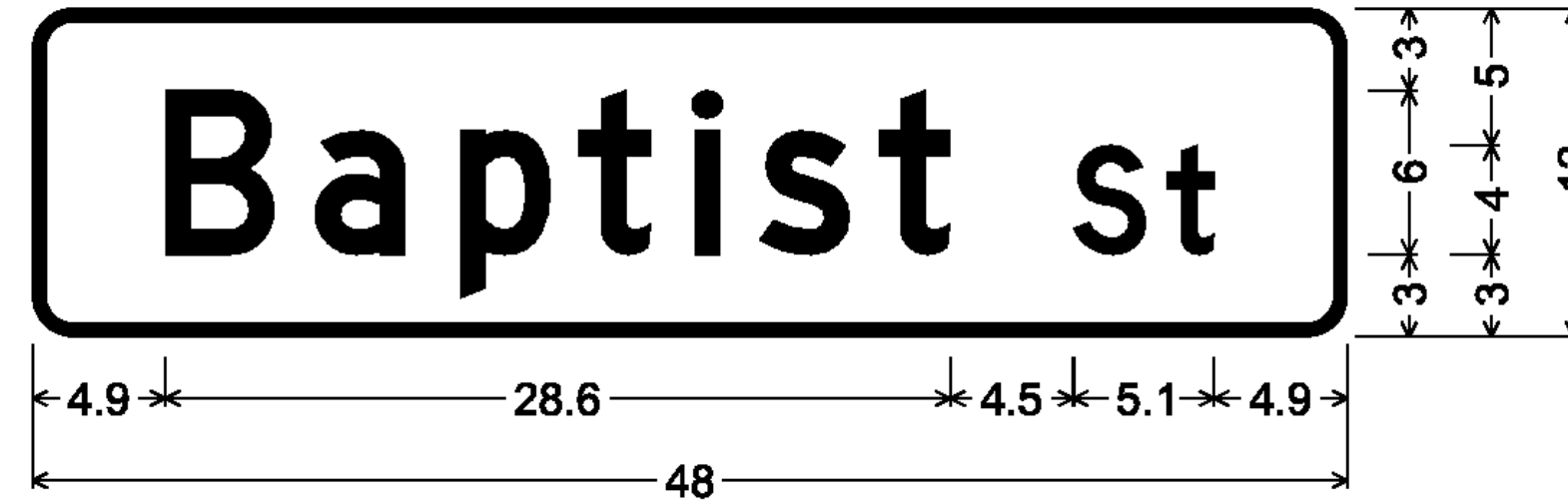
1.5" Radius, 0.5" Border, White on Green;
[Mosquitoville Rd] D;

D3-1



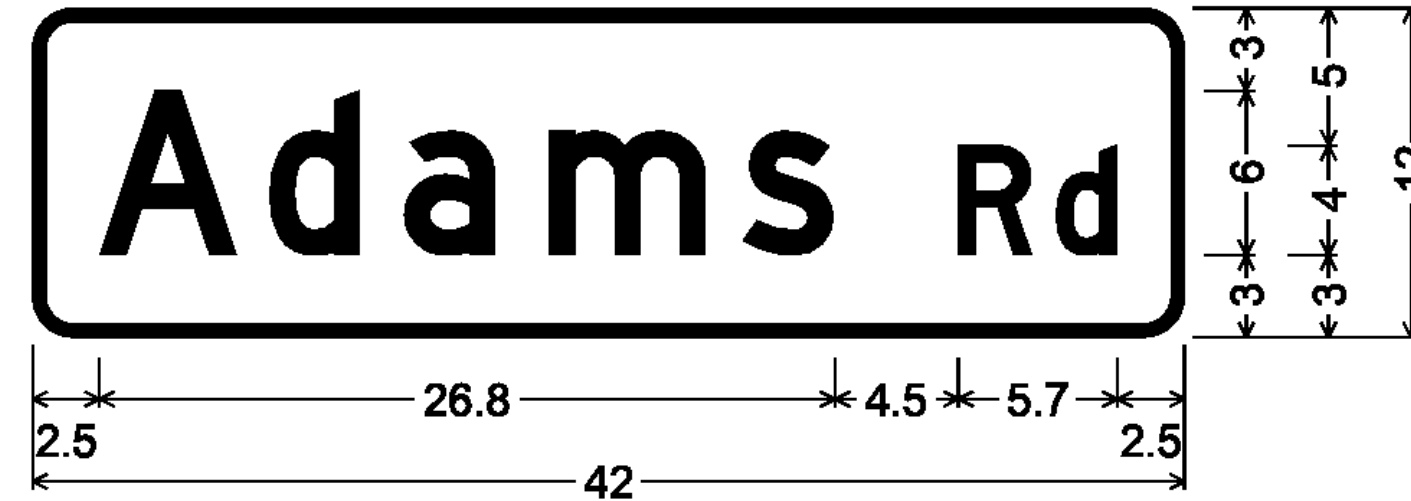
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[Maclean Rd] D;

D3-1



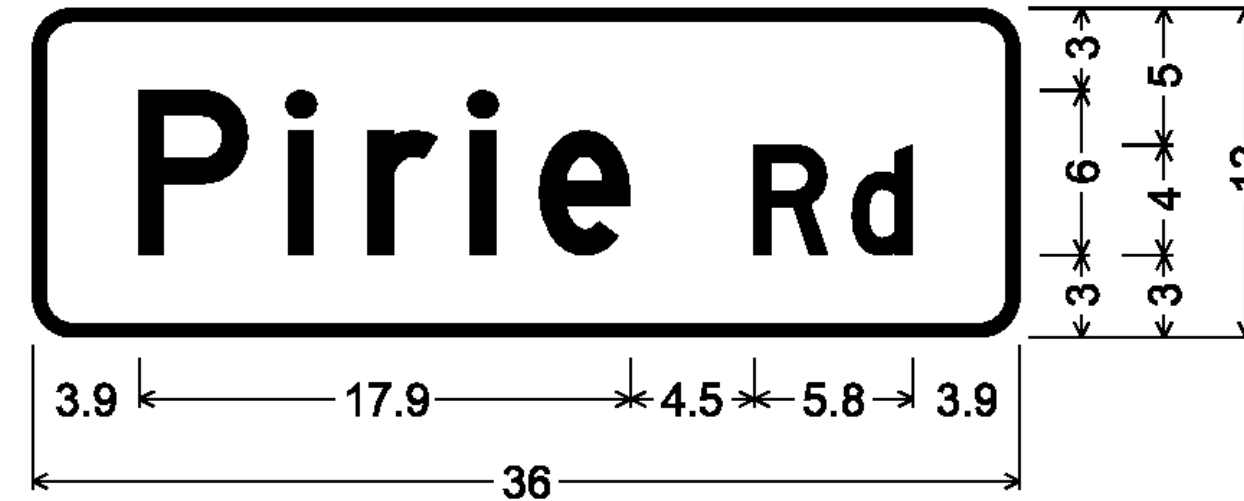
1.5" Radius, 0.5" Border, White on Green;
[Baptist St] D;

D3-1



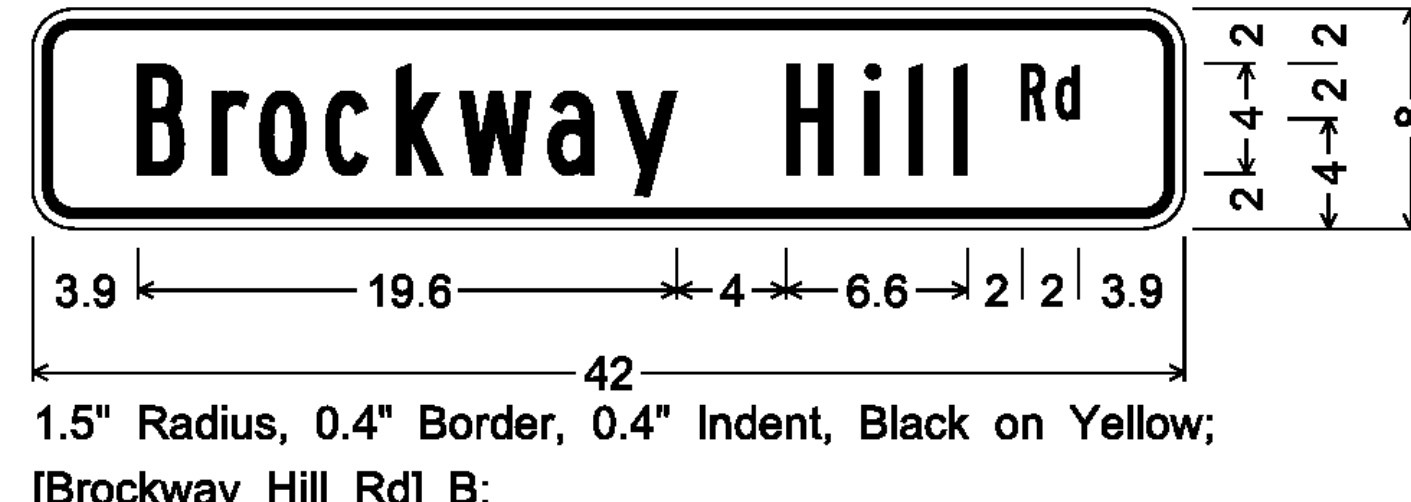
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[Adams Rd] D;

D3-1



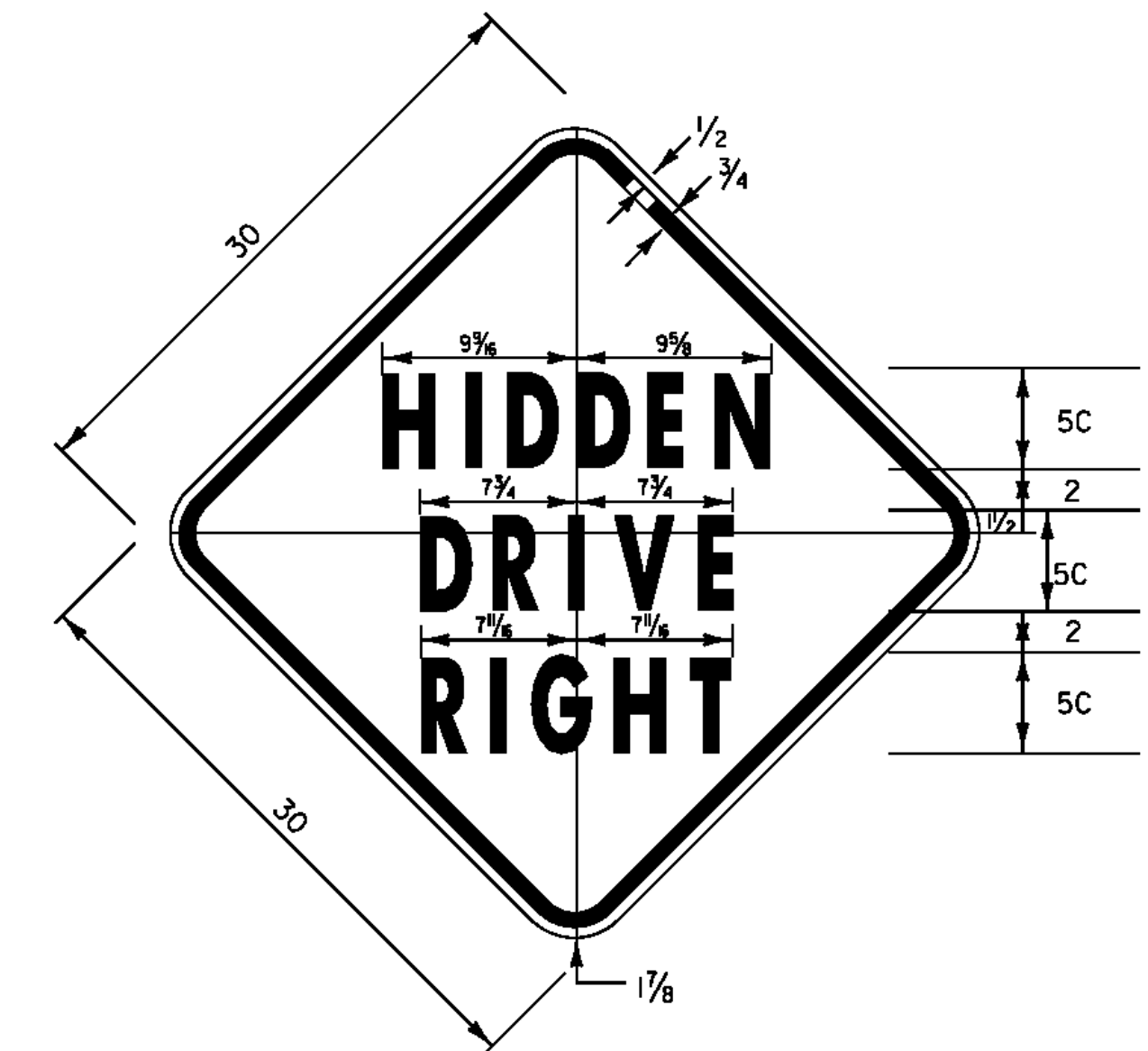
1.5" Radius, 0.5" Border, White on Green;
[Pirie Rd] D;

D3-1



1.5" Radius, 0.4" Border, 0.4" Indent, Black on Yellow;
[Brockway Hill Rd] B;

W16-8P











1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C
VW-054

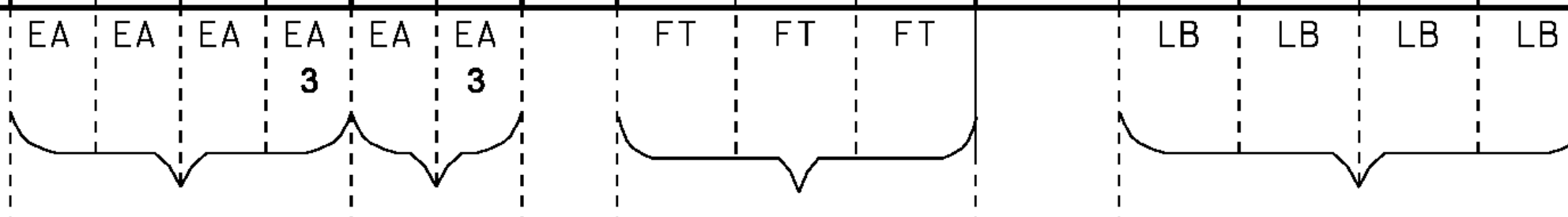
WILLIAMSTOWN

PROJECT NAME: STATEWIDE NORTHEAST REGION	PLOT DATE: 11-JUL-2012
PROJECT NUMBER: STP HRRR(12)	DRAWN BY: TDS
FILE NAME: I2K018wrk.dgn	CHECKED BY: NLA
PROJECT LEADER: JLS	SHEET 12 OF 52
DESIGNED BY: NLA	
PROJECT SIGN DETAIL SHEET 2	

TRAFFIC SIGN SUMMARY SHEET 1

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 O/(In)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		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 0.008, LT.	F	R1-1	30	30			6.25					X	X	1.00		15							REPLACE THE EXISTING R1-1 SIGN AND POST LOCATED 40' EAST OF INTERSECTION WITH WEST COBBLE HILL RD	X				
EB	MM 0.019, RT.	A	R2-1	24	30			5.00							1.00		15							INSTALL A NEW R2-1 SIGN AND POST. LOCATE IT ACROSS FROM POLE # 01 / NET / 32	X				
EB	MM 0.030, RT.	A	R2-1	24	30								X	X										REMOVE THE EXISTING R2-1 SIGN AND POST LOCATED ACROSS FROM POLE # 01 / NET / 32					
EB	MM 0.080, RT.	A	W1-5L	30	30			6.25							1.00		15							INSTALL A NEW W1-5L SIGN AND POST. LOCATE IT 212' WEST OF POLE # GMP / 35 / 04	X				
		A	W7-3aP	24	18			3.00																INSTALL A NEW W7-3A SIGN BELOW THE W1-5L SIGN LOCATED 212' WEST OF POLE # GMP / 35 / 04	X				
EB	MM 0.220, RT.	A	W11-6H	30	30			6.25							1.00		15							INSTALL A NEW W11-6H SIGN AND POST. LOCATE 530' EAST OF POLE # GMP / 35 / 04 PUT ON THE EAST END BETWEEN GUARDRAILS INSTALL IN CLOSED POSITION			11		
WB	MM 0.360, LT.	F	W11-6H	30	30			6.25							1.00		15							INSTALL A NEW W11-6H SIGN AND POST. LOCATE 130' WEST AND ACROSS FROM POLE # 24 INSTALL IN CLOSED POSITION			11		
EB	MM 0.743, RT. TO MM 0.836, RT.	AB		6	8		(14) TYPE II - 6" x 8" WHITE DELINEATORS																	INSTALL NEW DELINEATORS (14) BACK-TO-BACK 70' APART ON 7 POSTS. INSTALL FIRST 725' WEST AND ACROSS FROM POLE # WASH ELEC / R68 / 4A			5		
EB	MM 0.792, RT.	A	S3-1	30	30								X	X										REMOVE EXISTING S3-1 SIGN AND POST LOCATED 465' WEST AND ACROSS FROM POLE # WASH ELEC / R68 / 4A					









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



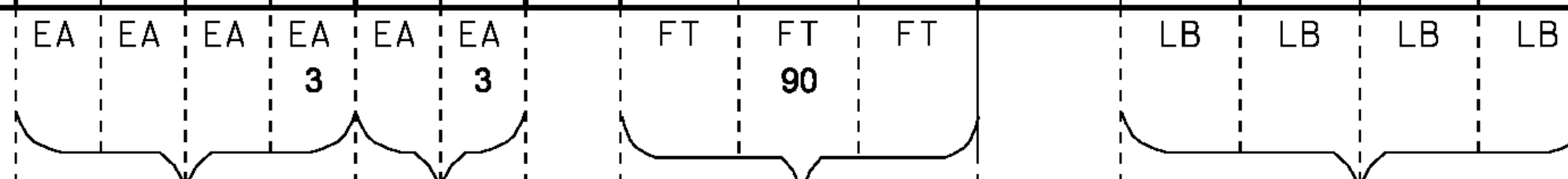
PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2K018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 BARRE TOWN TRAFFIC SIGN SUMMARY SHEET
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 SHEET 13 OF 52

SF 33.00 SF EA 3 EA 5 FT 75 EA LB

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	SIGN DETAIL			
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	1.75	2.00	2.50	3.00	3.50	4.00			5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
EB	MM 0.827, RT.	A	S3-1	36	36	FYG		9.00															INSTALL A NEW S3-1 SIGN AND POST LOCATED 280' WEST AND ACROSS FROM POLE # WASH ELEC / R68 / 4A	X				
WB	MM 0.870, LT.	F	W1-5R	30	30			6.25															INSTALL A NEW W1-5R SIGN AND POST. LOCATE IT 55' WEST OF POLE # WASH ELEC / R68 / 4A	X				
			W7-3aP	24	18			3.00															INSTALL A NEW W7-3A SIGN BELOW THE W1-5L SIGN LOCATED 55' WEST OF POLE # WASH ELEC / R68 / 4A	X				
WB	MM 0.974, LT.	F	S3-1	30	30																		REMOVE EXISTING S3-1 SIGN AND POST LOCATED ACROSS FROM POLE # WASH ELEC / 154 / R66 / NET					
EB	MM 1.269, RT.	A	R2-1	24	30			5.00															INSTALL NEW R2-1 SIGN AND POST 312' WEST OF POLE # 7 1/2	X				
WB	MM 1.269, LT.	F	R2-1	24	30			5.00															REPLACE EXISTING R2-1 SIGN AND POST 312' WEST AND ACROSS FROM POLE # 7 1/2					
EB	MM 1.303, RT.	A	R2-1	24	30																		REMOVE SIGN AND POST 132 FT. WEST OF POLE # 7 1/2					
WB	MM 1.343, LT.	F	VW-054	30	30			6.25															INSTALL NEW VW-054 SIGN AND POST 70' WEST AND ACROSS FROM POLE # GMP / 20	X				

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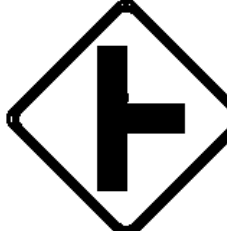





PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)

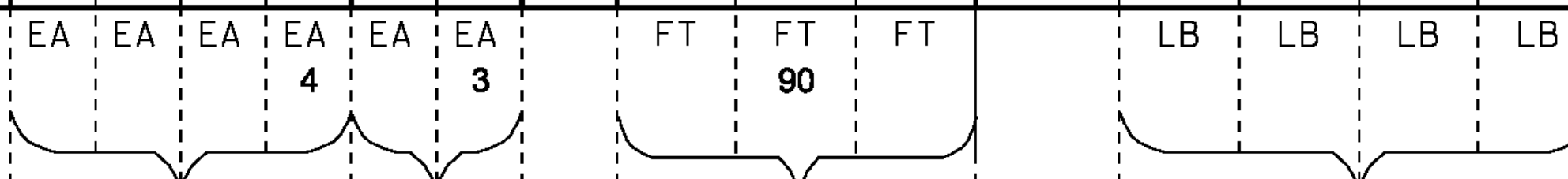
FILE NAME: I2k018wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARRE TOWN TRAFFIC SIGN SUMMARY SHEET2 SHEET 14 OF 52

PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA

TRAFFIC SIGN SUMMARY SHEET 3

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	RETAIN		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
WB	MM 1.369, LT.	F	VW-054	30	30																			REMOVE EXISTING VW-054 SIGN AND POST LOCATED 70' EAST AND ACROSS FROM POLE # GMP / 20					
EB	MM 1.396, RT.	A	W2-2L	30	30			6.25							1.00	15									INSTALL NEW W2-2 SIGN AND POST. LOCATE 100' EAST AND ACROSS FROM POLE # GMP / 19. TOWN TO CUT TREE BRANCHES AROUND SIGN FOR BETTER VISIBILITY.	X			
		A	W16-8P	30	8			1.675																	INSTALL NEW W16-8P SIGN BELOW THE W2-2 SIGN LOCATED 100' EAST AND ACROSS FROM POLE # GMP / 19		11		
WB	MM 1.468, LT.	EF	D3-1	60	12			5.00					X	X	2.00	30									REPLACE EXISTING D3-1 SIGN INSTALL ON 2 POSTS ADJACENT TO THE R1-1 SIGN LOCATED 290' EAST OF POLE # GMP / 19. INSTALL ON 2 POSTS ADJACENT TO STOP SIGN.		11		
		H	R1-1	30	30			6.25							1.00	15									INSTALL NEW R1-1 SIGN AND POST. LOCATE 290' EAST OF POLE # GMP / 19	X			
WB	MM 1.472 LT. + 50 FT.	G	R2-1	24	30			5.00							1.00	15									REPLACE EXISTING R2-1 SIGN AT THE SUNNYSIDE DR. INTERSECTION	X			
WB	MM 1.509, LT.	F	W2-2R	30	30			6.25							1.00	15									INSTALL NEW W2-2 SIGN AND POST. LOCATE 130' WEST OF POLE # GMP / 16 AND OR 10' EAST OF DRIVEWAY	X			
		F	W16-8P	30	8			1.675																	INSTALL NEW W16-8P SIGN BELOW THE W2-2 SIGN LOCATED 130' WEST OF POLE # GMP / 16 AND OR 10' EAST OF DRIVEWAY		11		
WB	MM 1.533, LT.	F	W2-2R	30	30								X	X											REMOVE EXISTING W2-2 SIGN AND POST LOCATED 10' WEST OF POLE # GMP / 16				
		F	TOWN SIGN	30	30								X												REMOVE EXISTING TOWN SIGN BELOW THE W2-2 SIGN LOCATED 10' WEST OF POLE # GMP / 16				

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PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2k018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 BARRE TOWN TRAFFIC SIGN SUMMARY SHEET3 SHEET 15 OF 52

SF 32.10 SF EA 4 EA 3 EA 6 FT 90 EA LB

TRAFFIC SIGN SUMMARY SHEET 6










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	R-1-A-N		R-1-B	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
EB	MM 1.989, RT.	A	W2-6	30	30																		RETAIN W2-6 ASSEMBLY						
WB	MM 2.010, LT.	F	W1-6L	48	24			8.00					X	X	2.00	30								REPLACE EXISTING W1-6 SIGN AND POST LOCATED JUST WEST OF HILLSIDE AVE	X				
WB	MM 2.014, LT. + 50 FT.	H	R1-2	36	36			3.89					X	X	1.00	15								REPLACE EXISTING R1-2 SIGN AND POST LOCATED ON THE WEST SIDE OF HILLSIDE AVE	X				
WB	MM 2.026, LT.	E	W1-6R	48	24			8.00					X	X	2.00	30								REPLACE EXISTING W1-6 SIGN AND POST LOCATED JUST EAST OF HILLSIDE AVE	X				
EB	MM 2.026, RT.	A	W3-2	30	30			6.35							1.00	15								INSTALL NEW W3-2 SIGN AND POST 20' WEST OF POLE # GMP / 2 / 10K	X				
WB	MM 2.040, LT.	F	S3-1	30	30								X	X										REMOVE EXISTING S3-1 SIGN AND POSTS LOCATED 50' EAST AND ACROSS FROM POLE # GMP / 2 / 10K					
		F	W11-7	30	30			6.25					X	X	1.00	15	15							REPLACE EXISTING W11-7 SIGN AND POST LOCATED 50' EAST AND ACROSS FROM POLE # GMP / 2 / 10K	X				
EB	MM 2.043, RT.	A	W3-2	30	30								X	X										REMOVE EXISTING W3-2 SIGN AND POST LOCATED 70' EAST OF POLE # GMP / 2 / 10K					

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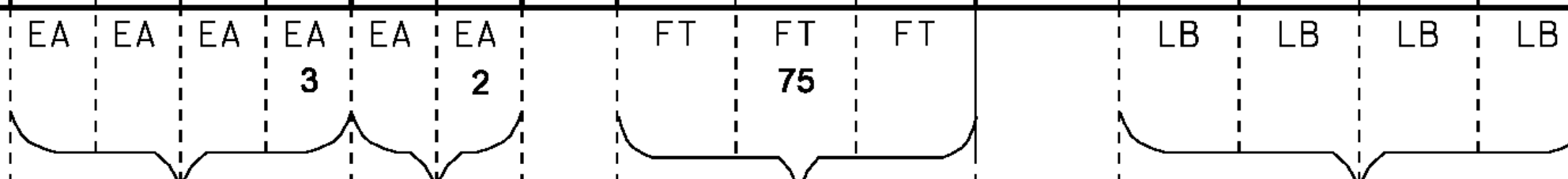
EA 1	EA 6	EA 1	EA 5	EA 6	FT 90	FT 105	FT 15	LB	LB	LB	LB
EA 7	EA 7	EA 7	EA 7	EA 7	FT 105	EA	LB				

PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2k018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 BARRE TOWN TRAFFIC SIGN SUMMARY SHEET 6 SHEET 18 OF 52
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA

TRAFFIC SIGN SUMMARY SHEET 3

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	RETAIN		REMOVE	FOUNDAION	lb/ft		lb/ft		DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
																		1.75	2.00	2.50	3.00						3.50
SB	MM 0.748, LT.	F	R2-1	24	30			5.00															REPLACE THE EXISTING R2-1 AND POST LOCATED 230' SOUTH AND ACROSS FROM BARTLEY WILLEY RD	X			
NB	MM 0.780, RT.	A	W1-2L	30	30			6.25															INSTALL NEW W1-2 L AND POST LOCATED 65' SOUTH OF BARTLEY WILLEY RD	X			
		A	W13-1	18	18			2.25															INSTALL NEW W13-1 BELOW THE W1-2 L LOCATED 65' SOUTH OF BARTLEY WILLEY RD	X			
SB	MM 0.792, LT. TO MM 0.844, LT.	E F		6	8		(10) TYPE II - 6" x 8" WHITE DELINEATORS																INSTALL NEW DELINEATORS (10) BACK-TO-BACK 55' APART ON 5 POSTS. INSTALL THE FIRST ACROSS FROM BARTLEY WILLEY RD.		5		
SB	MM 0.856, LT.	F	W1-2R	30	30			6.25															INSTALL NEW W1-2 R AND POST LOCATED 340' NORTH AND ACROSS FROM BARTLEY WILLEY RD	X			
		F	W13-1	18	18			2.25															INSTALL NEW W13-1 BELOW THE W1-2R, LOCATED 340' NORTH AND ACROSS FROM BARTLEY WILLEY RD	X			
NB	MM 0.908, RT.	A	W1-2R	30	30																		REMOVE THE EXISTING W1-2 R SIGN AND POST LOCATED 612' NORTH OF BARTLEY WILLEY RD				
		A		24	12																		REMOVE THE EXISTING HILL SIGN LOCATED BELOW THE W1-2 R, LOCATION IS 612' NORTH OF BARTLEY WILLEY RD				
NB	MM 0.908, RT.	A	W7-1	30	30			6.25															INSTALL NEW HILL SYMBOL SIGN LOCATED 612' NORTH OF BARTLEY WILLEY RD	X			
NB	MM 0.959, RT.	A	W1-1R	30	30	FY		6.25															INSTALL NEW W1-1 SIGN LOCATED 880' NORTH OF BARTLEY WILLEY RD	X			

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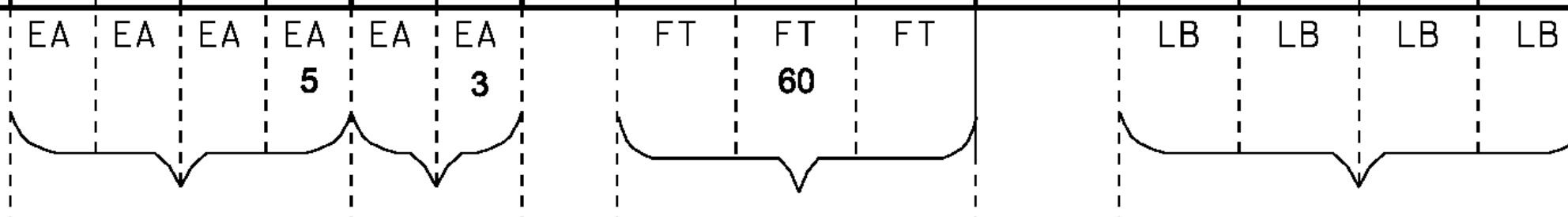
PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2k018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 DERBY TRAFFIC SIGN SUMMARY SHEET 3
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 SHEET 22 OF 52

SF 34.50 SF EA 3 EA 2 EA 5 FT 75 EA LB

TRAFFIC SIGN SUMMARY SHEET 4

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	RETAIN		REMOVE	FOUNDAION	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	lb/ft			lb/ft	lb/ft				lb/ft
		A	W13-1	18	18	FY		2.25															INSTALL NEW W13-1 SIGN BELOW THE W1-1 SIGN LOCATED 880' NORTH OF BARTLEY WILLEY RD	X						
NB	MM 0.976, RT.	A	TOWN SIGN	30	30																		REMOVE THE EXISTING HIDDEN DRIVE SIGN AND POST LOCATED 970' NORTH OF BARTLEY WILLEY RD							
NB	MM 0.990, RT.	A	VW-133	30	30			6.25							1.00	15							INSTALL NEW VW-133 SIGN AND POST LOCATED 1045' NORTH OF BARTLEY WILLEY RD			11				
SB	MM 0.994, LT.	F	W1-8R	18	24	TYPE IX		3.00							1.00	15							INSTALL TWO CHEVRONS ON ONE POST USING A BRACKET LOCATED 1066' NORTH AND ACROSS FROM BARTLEY WILLEY RD	X						
		E	W1-8L	18	24	TYPE IX		3.00																						
SB	MM 1.012, LT.	E	OM1-1	18	18																		REMOVE OM1-1 AND W1-6R AND POST LOCATED 253' SOUTH AND ACROSS FROM POLE # 3							
			W1-6R	48	24																		REMOVE W1-6R BELOW OM1-1 LOCATED 253' SOUTH AND ACROSS FROM POLE # 3							
SB	MM 1.012, LT.	F	W1-8R	18	24	TYPE IX		3.00							1.00	15							INSTALL TWO CHEVRONS ON ONE POST USING A BRACKET LOCATED 253' SOUTH AND ACROSS FROM POLE # 3	X						
		E	W1-8L	18	24	TYPE IX		3.00																						
SB	MM 1.024, LT.	E	OM1-1	18	18																		REMOVE OM1-1 AND W1-6R AND POST LOCATED 200' SOUTH AND ACROSS FROM POLE # 3							
			W1-6R	48	24																		REMOVE W1-6R BELOW THE OM1-1 LOCATED 200' SOUTH AND ACROSS FROM POLE # 3							
SB	MM 1.024, LT.	F	W1-8R	18	24	TYPE IX		3.00							1.00	15							INSTALL TWO CHEVRONS ON ONE POST USING A BRACKET LOCATED 200' SOUTH AND ACROSS FROM POLE # 3	X						
		E	W1-8L	18	24	TYPE IX		3.00																						

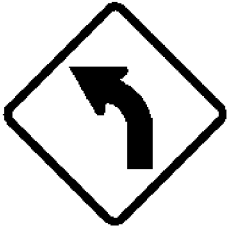




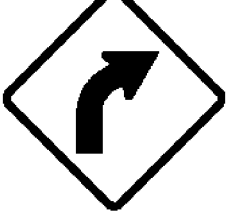


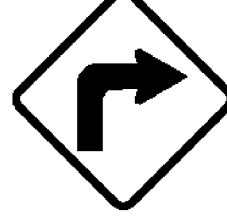

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".





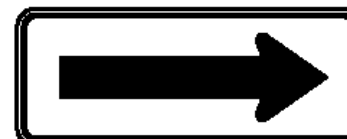







PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2k018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 DERBY TRAFFIC SIGN SUMMARY SHEET 4
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 SHEET 23 OF 52

SF 26.50 SF EA 5 EA 3 EA 4 FT 60 EA LB

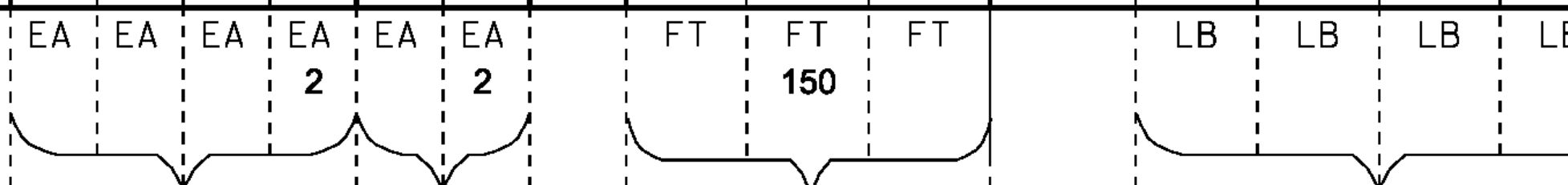
TRAFFIC SIGN SUMMARY SHEET 2

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 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	RETAIN	REMOVE		FOUNDATION			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									
SB	MM 0.227, LT.	F	W1-2L	30	30			6.25																INSTALL NEW W1-2 SIGN AND POST. LOCATE IT ACROSS FROM POLE # 6-3-1 / 5-4 A	X							
SB	MM 0.246, LT.	H	R1-1 R2-1	30	30			6.25					X	X	1.00		15								REPLACE EXISTING R1-1 SIGN AND POST LOCATED 100' NORTH AND ACROSS FROM POLE # 6-3-1 / 5-4 A	X						
SB	MM 0.419, LT.	H	R1-1	30	30			6.25					X	X	1.00		15								REPLACE EXISTING R1-1 SIGN AND POST LOCATED 245' SOUTH AND ACROSS FROM POLE # 19 / 19	X						
NB	MM 0.425, RT.	D	R1-1	30	30			6.25					X	X	1.00		15								REPLACE EXISTING R1-1 SIGN AND POST LOCATED 211' SOUTH OF POLE # 19 / 19	X						
NB	MM 0.451, RT.	A	R2-1	24	30			5.00					X	X	1.00		15								REPLACE EXISTING R2-1 SIGN AND POST LOCATED 75' SOUTH OF POLE # 19 / 19	X						
NB	MM 0.503, RT.	A	W1-2R	30	30								X	X											REMOVE EXISTING W1-2 SIGN AND POST LOCATED 200' NORTH OF POLE # 19 / 19							
			R2-1	24	30								X												REMOVE EXISTING R2-1 SIGN LOCATED 200' NORTH OF POLE # 19 / 19							
			VW-054	30	30								X												REMOVE EXISTING VW-054 SIGN LOCATED 200' NORTH OF POLE # 19 / 19							
		A	W1-1R	30	30			6.25							1.00		15								INSTALL NEW W1-1 R SIGN AND POST LOCATED 200' NORTH OF POLE # 19 / 19	X						
			W13-1	18	18			2.25																	INSTALL NEW W13-1 SIGN BELOW THE W1-1 SIGN LOCATED 200' NORTH OF POLE # 19 / 19	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

TRAFFIC SIGN SUMMARY SHEET 3

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	RETAIN		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 0.530, RT.	A	VW-054	30	30			6.25															INSTALL NEW VW-054 SIGN AND POST. LOCATE IT 354' NORTH OF POLE # 19 / 19			11			
SB	MM 0.561, LT.	F	W1-6L	48	24			8.00															INSTALL NEW W1-8 SIGN AND POSTS. LOCATE IT 250' SOUTH OF POLE # 21 / 19	X					
SB	MM 0.570, LT.	E	W1-6R	48	24			8.00															INSTALL NEW W1-8 SIGN AND POSTS. LOCATE IT 200' SOUTH OF POLE # 21 / 19	X					
SB	MM 0.602, LT.	F	W1-1L	30	30			6.25					X	X	1.00								REPLACE EXISTING CURVE SIGN WITH NEW W1-1 SIGN AND POST LOCATED 30' SOUTH OF POLE # 21 / 19	X					
		F	W13-1	18	18			2.25															INSTALL NEW W13-1 SIGN BELOW THE W1-1 SIGN LOCATED 30' SOUTH OF POLE # 21 / 19	X					
NB	MM 0.710, RT.	A	W1-1L	30	30			6.25					X	X	1.00								REPLACE EXISTING CURVE SIGN WITH NEW W1-1 SIGN AND POST LOCATED 540' NORTH AND ACROSS FROM POLE # 21 / 19	X					
			W13-1	18	18			2.25															INSTALL NEW W13-1 SIGN BELOW THE W1-1 SIGN LOCATED 540' NORTH AND ACROSS FROM POLE # 21 / 19	X					
NB	MM 0.736, RT.	A	W1-8R	18	24			3.00															INSTALL TWO CHEVRONS ON ONE POST USING AN ADJUSTABLE BRACKET. LOCATE 185' SOUTH OF POLE # NET / 61 / 12 / LED / 33	X					
		B	W1-8L	18	24			3.00																	X				
NB	MM 0.754, RT.	A	W1-8L	18	24			3.00															INSTALL TWO CHEVRONS ON ONE POST USING AN ADJUSTABLE BRACKET. LOCATE 90' SOUTH OF POLE # NET / 61 / 12 / LED / 33	X					
		B	W1-8R	18	24			3.00																	X				
NB	MM 0.770, RT.	A	W1-8L	18	24			3.00															INSTALL TWO CHEVRONS ON ONE POST USING AN ADJUSTABLE BRACKET. LOCATE 10' NORTH OF POLE # NET / 61 / 12 / LED / 33	X					
		B	W1-8R	18	24			3.00																	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".

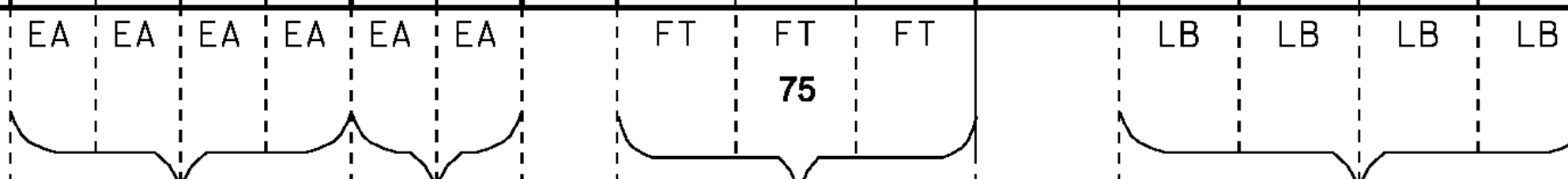


PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2K018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 LYNDON TRAFFIC SIGN SUMMARY SHEET 3
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 SHEET 28 OF 52

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					EXISTING POST	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	RETAIN			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
SB	MM 2.967, LT.	F	W2-7L	30	30			6.25								1.00	15								INSTALL NEW W2-7L SIGN AND POST. LOCATE IT 26' SOUTH AND ACROSS FROM POLE # 114 / NET / 142	X				
		F	W16-8aP	48	15			5.00																	INSTALL NEW W16-8aP SIGN BELOW THE W2-7L SIGN LOCATED 26' SOUTH AND ACROSS FROM POLE # 114 / NET / 142		11			
NB	MM 3.261, RT.	A	W1-2L	30	30			6.25								1.00	15								INSTALL NEW W1-2 SIGN AND POST. LOCATE IT ACROSS FROM POLE # 153 / 125	X				
NB	MM 3.273, RT. TO MM 3.330, RT.	A B		6	8		(10) TYPE II - 6" x 8" WHITE DELINEATORS																		INSTALL NEW DELINEATORS (10) BACK-TO-BACK 60' APART ON 5 POSTS, INSTALL FIRST POST 65' NORTH AND ACROSS FROM POLE # 153 / 125			5		
NB	MM 3.487, RT.	A	W1-4L	30	30			6.25								1.00	15								INSTALL NEW W1-4 SIGN AND POST. LOCATE IT 725' NORTH OF POLE # 19 / 155 / 129	X				
NB	MM 3.501, RT. TO MM 3.535, RT.	A B		6	8		(6) TYPE II - 6" x 8" WHITE DELINEATORS																		INSTALL NEW DELINEATORS (6) BACK-TO-BACK 60' APART ON 3 POSTS, INSTALL FIRST POST 800' NORTH OF POLE # 19 / 155 / 129			5		
NB	MM 3.579, RT. TO MM 3.613, RT.	A B		6	8		(6) TYPE II - 6" x 8" WHITE DELINEATORS																		INSTALL NEW DELINEATORS (6) BACK-TO-BACK 60' APART ON 3 POSTS, INSTALL FIRST POST 1200' NORTH OF POLE # 19 / 155 / 129			5		
SB	MM 3.640, LT.	F	W1-4L	30	30			6.25								1.00	15								INSTALL NEW W1-4 SIGN AND POST. LOCATE IT 1530' NORTH OF POLE # 19 / 155 / 129	X				
NB	MM 3.755, RT.	A	W1-2R	30	30			6.25								1.00	15								INSTALL NEW W1-2 SIGN AND POST. LOCATE IT 1800' SOUTH OF WHEELLOCK / LYNDON TOWN LINE	X				
SB	MM 3.760, LT. TO MM 3.851, LT.	EF		6	8		(16) TYPE II - 6" x 8" WHITE DELINEATORS																		INSTALL NEW DELINEATORS (16) BACK-TO-BACK 60' APART ON 8 POSTS, INSTALL FIRST POST 1775' SOUTH OF WHEELLOCK / LYNDON TOWN LINE			5		

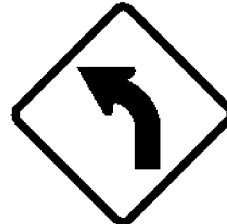







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SF 36.25 SF EA EA EA 5 FT 75 EA LB

PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2K018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 LYNDON TRAFFIC SIGN SUMMARY SHEET 5
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 SHEET 30 OF 52











TRAFFIC SIGN SUMMARY SHEET 6

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	EXISTING POST RETAIN		EXISTING POST 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								
SB	MM 3.874, LT.	F	W1-2L	30	30			6.25							1.00		15							INSTALL NEW W1-2 SIGN AND POST. LOCATE IT 1172' SOUTH OF WHEELLOCK / LYNDON TOWN LINE	X				
SB	MM 4.070, LT.	F	R2-1	24	30																			REMOVE EXISTING R2-1 SIGN AND POST LOCATED 140' SOUTH OF WHEELLOCK / LYNDON TOWN LINE					
SB	MM 4.089, LT.	F	TOWN SIGN	24	30																			REMOVE EXISTING SIGN AND POST LOCATED 40' SOUTH OF WHEELLOCK / LYNDON TOWN LINE					
SB	MM 4.096, LT-RT	F	R2-1	24	30			5.00																INSTALL NEW R2-1 SIGN AND POST LOCATED AT THE WHEELLOCK / LYNDON TOWN LINE	X				
SB	MM 4.096, LT.	G	D3-1	30	6																			REMOVE EXISTING SIGN AND POST LOCATED AT THE WHEELLOCK / LYNDON TOWN LINE					
NB	MM 4.096, RT.	C	VD-024	72	10			5.00																INSTALL NEW SIGN AND POSTS AT THE TOWN LINE		11			
NB	MM 4.096, RT. 4.070, LT	A	R2-1	24	30			5.00																INSTALL NEW SIGN AND POSTS AT THE TOWN LINE					
FALL BROOK RD																													
EB	MM 0.010, RT.	A	R2-1	24	30			5.00																REPLACE EXISTING SIGN AND POSTS LOCATED 50' EAST OF INTERSECTION	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

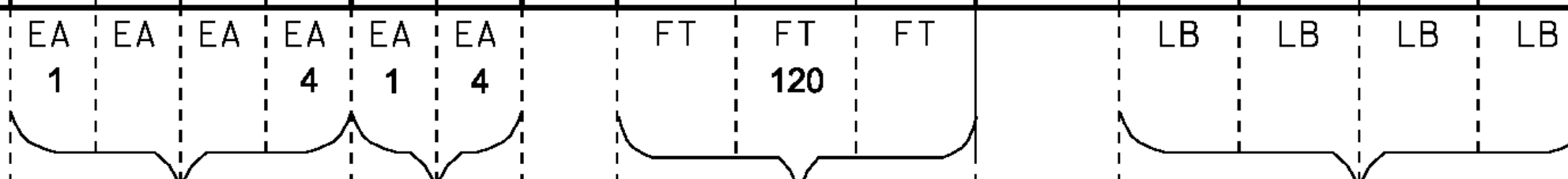
PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2k018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 LYNDON TRAFFIC SIGN SUMMARY SHEET 6

PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 SHEET 31 OF 52

TRAFFIC SIGN SUMMARY SHEET 1

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	RETAIN		REMOVE	1.75	2.00	2.50	3.00	3.50	4.00			5.00	FOUNDATION	3.00	3.50	4.00	5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER					
																																		lb/ft			lb/ft	
EB	MM 0.291, RT.	C	D3-1	66	12			5.50						X	X	2.00		30															REPLACE THE EXISTING D3-1 SIGN AND INSTALL ON 2 POSTS LOCATED 65' WEST OF POLE # GMP/98		12			
EB	MM 0.301, RT.	D	R1-1	30	30			6.25								1.00		15																INSTALL NEW R1-1 SIGN AND POST LOCATED 11' WEST OF POLE # GMP/98	X			
WB	MM 0.301, LT.	E F	D3-1	72	12			6.00								2.00		30																INSTALL NEW D3-1 SIGN ON 2 POSTS ADJACENT TO R1-1 SIGN LOCATED 20' WEST AND ACROSS FROM POLE # GMP/98 ON 2 POSTS.		12		
WB	MM 0.301, LT.	D	R1-1	30	30					X					X																			RETAIN EXISTING R1-1 ASSEMBLY				
WB	MM 0.360, LT.	F	W2-2R	30	30			6.25								1.00		15																	INSTALL A NEW W2-2 SIGN AND POST 20' EAST AND ACROSS FROM POLE # GMP/96	X		
	MM 0.360, LT.	F	W16-8P	42	8			2.33																										INSTALL A NEW W16-8P SIGN BELOW THE W2-2 SIGN, LOCATED 20' EAST AND ACROSS FROM POLE # GMP/96		12		
EB	MM 0.412, RT.	A	R2-1	24	30			5.00								1.00		15																INSTALL A NEW R2-1 SIGN AND POST 290' EAST OF POLE # GMP/96	X			
WB	MM 0.412, LT.	F	R2-1	24	30			5.00						X	X	1.00		15																REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED 290' EAST AND ACROSS FROM POLE # GMP/96	X			
EB	MM 0.458, RT.	A	R2-1	24	30									X	X																		REMOVE THE EXISTING R2-1 SIGN AND POST LOCATED 37' WEST OF POLE # GMP/91					
EB	MM 0.470, RT.	A	VW-054	30	30									X	X																		REMOVE THE EXISTING VW-054 SIGN AND POST LOCATED 47' EAST OF POLE # GMP/91					

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PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)

FILE NAME: I2k018wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEET

PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA
SHEET 33 OF 52

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	RETAIN		REMOVE	FOUNDAION	lb/ft		lb/ft		DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
																		1.75	2.00	2.50	3.00						3.50
EB	MM 0.505, RT.	A	VW-054	30	30			6.25															INSTALL A NEW VW-054 SIGN AND POST LOCATED 53' EAST OF POLE # GMP/90			12	
WB	MM 0.520, LT.	F	R2-5A	24	30																		REMOVE THE EXISTING R2-5A SIGN AND POST LOCATED 130' EAST AND ACROSS FROM POLE # GMP/90				
WB	MM 0.520, LT.	F	W3-5	36	36			9.00							2.00	30							INSTALL A NEW R2-5A SIGN AND POST LOCATED 130' EAST AND ACROSS FROM POLE # GMP/90	X			
EB	MM 0.576, RT.	A	S3-1	36	36	FYG		9.00					X	X	2.00	30							REPLACE THE EXISTING S3-1 SIGN AND POST, LOCATED 20' EAST OF POLE # GMP/86	X			
EB	MM 0.636, RT.	A	VW-054	30	30			6.25					X	X	1.00	15							REPLACE THE EXISTING VW-054 SIGN AND POST, LOCATED 143' EAST OF POLE # GMP/84			12	
WB	MM 0.794, LT.	F	S3-1	36	36	FYG		9.00					X	X	2.00	30							REPLACE THE EXISTING S3-1 SIGN AND POST, LOCATED 50' WEST OF POLE # GMP/79-0/NET/27 1/2	X			
EB	MM 0.889, RT.	A	W1-2R	30	30								X	X									REMOVE THE EXISTING W1-2R SIGN AND POST, LOCATED 150' EAST AND ACROSS FROM POLE # GMP/77/6/30/NET				
EB	MM 0.889, RT.	A	W1-1R	30	30			6.25							1.00	15							INSTALL A NEW W1-1R SIGN AND POST, LOCATED 150' WEST AND ACROSS FROM POLE # GMP/77/6/30/NET	X			












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EA	EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB
			5			5		135					
SF	SF	EA	EA	EA	EA	EA	FT	FT	EA	EA	EA	EA	EA
45.75		5	5	5	5	9	135	135			LB	LB	LB

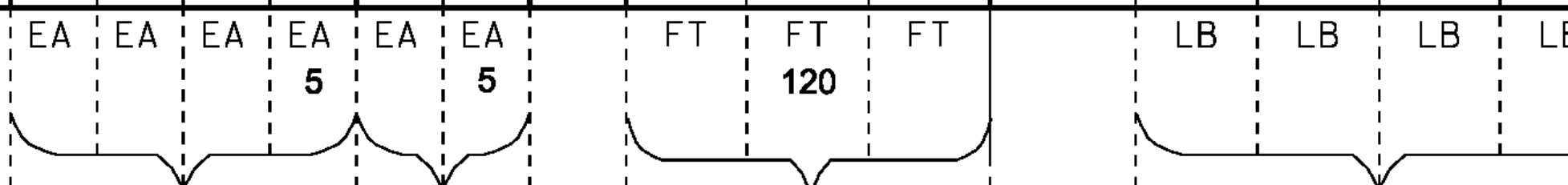
PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)

FILE NAME: I2k018wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA
WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEET SHEET 34 OF 52

TRAFFIC SIGN SUMMARY SHEET 3


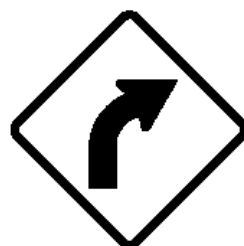
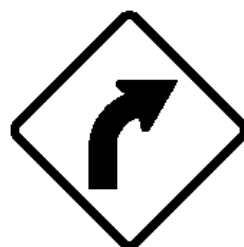





DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL 0/(in)				SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGN & MARKING BOOK	SIGN DETAIL			
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	FT	FT	FT	LB	LB	LB			LB	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
		A	W13-1	18	18			2.25															INSTALL A NEW W13-1 SIGN BELOW THE W1-1 SIGN, LOCATED 150' EAST AND ACROSS FROM POLE # GMP/77/6/30/NET	X				
EB	MM 0.911, RT.	A	TOWN SIGN	30	30																		REMOVE THE EXISTING OLD SIGN AND POST, LOCATED 34' WEST AND ACROSS FROM POLE # GMP/77/6/30/NET					
EB		A	VW-054	30	30			6.25						1.00	15								INSTALL A NEW VW-054 SIGN AND POST, LOCATED 34' WEST AND ACROSS FROM POLE # GMP/77/6/30/NET	X				
WB	MM 0.918, LT.	F	R2-1	24	30			5.00						1.00	15								REPLACE THE EXISTING R2-1 SIGN AND POST, LOCATED 10' EAST OF POLE # GMP/77/6/30/NET	X				
WB	MM 0.960, LT.	E F	D3-1	42	12			3.50															INSTALL A NEW D3-1 ABOVE THE NEW R1-1 SIGN AND POST, LOCATED 220" EAST OF POLE # GMP/77/6/30/NET		12			
WB	MM 0.960, LT.	H	R1-1	30	30			6.25						1.00	15								REPLACE THE EXISTING R1-1 SIGN AND POST, LOCATED 220" EAST OF POLE # GMP/77/6/30/NET	X				
WB	MM 0.970, LT.	E	W1-6R	48	24			8.00						2.00	30								INSTALL A NEW W1-6 SIGN AND POST, LOCATE 30' EAST OF POLE # GMP/78/10K	X				
WB	MM 0.970, LT.	F	W1-6L	48	24			8.00						2.00	30								REPLACE THE EXISTING W1-6 SIGN AND POST LOCATED 40' EAST OF POLE # GMP/78/10K	X				
		F	R8-3A	24	30																		REMOVE THE EXISTING R8-3a SIGN THAT IS BELOW THE W1-6 SIGN LOCATED 40' EAST OF POLE # GMP/78/10K					
WB	MM 1.013, LT.	F	W1-1L	30	30			6.25						1.00	15								INSTALL A NEW W1-1 SIGN AND POST, LOCATE 50' EAST OF POLE # GMP/75	X				
		F	W13-1	18	18			2.25															INSTALL A NEW W13-1 BELOW THE NEW W1-1 LOCATED 50' EAST OF POLE # GMP/75	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".

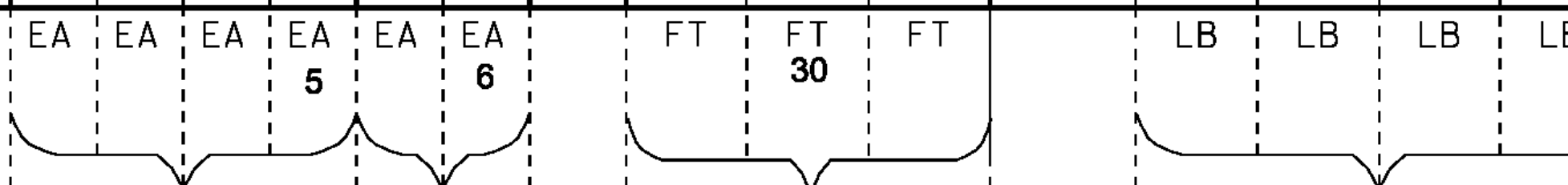


PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(12)
 FILE NAME: I2K018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEET SHEET 35 OF 52

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				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	RETAIN	REMOVE		FOUNDAION	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
WB	MM 1.473, LT. + 35 FT.	G	R2-1	24	30			5.00															REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED ON THE NORTHEASTERN CORNER OF MCGLYNN RD	X				
WB	MM 1.473, LT.	G																					REMOVE EMPTY POST					
EB	MM 1.746, RT.	A	W1-2R	30	30																		REMOVE EXISTING W1-2 SIGN AND POST LOCATED 10' WEST OF POLE # 7					
EB	MM 1.792, RT.	A	W1-2R	30	30			6.25															REPLACE THE EXISTING W1-2 SIGN AND POST LOCATED 10' EAST OF POLE # 8	X				
		A	W13-1	18	18			2.25															INSTALL A NEW W13-1 SIGN BELOW THE W1-2 SIGN LOCATED 10' EAST OF POLE # 8	X				
EB	MM 1.807, RT. TO MM 1.860, RT.	AB		6	8		(8) TYPE II - 6" x 8" WHITE DELINEATORS																INSTALL NEW DELINEATORS (8) BACK - TO - BACK 70 FEET APART ON 4 POSTS. INSTALL THE FIRST POST 70' EAST OF POLE # 8		5			
WB	MM 1.876, LT.	F	W1-2L	30	30			6.25															INSTALL A NEW W1-2 L SIGN AND POST. LOCATE IT 430' EAST AND ACROSS OF POLE # 8	X				
		F	W13-1	18	18			2.25															INSTALL A NEW W13-1 SIGN BELOW W1-2L SIGN. LOCATE IT 430' EAST AND ACROSS OF POLE # 8	X				
WB	MM 1.880, LT.	F	W1-2L	30	30																		REMOVE THE EXISTING W1-2 L SIGN AND POST. LOCATED 100' WEST OF POLE # GMP/56					
		F	W13-1	18	18																		REMOVE THE EXISTING W13-1 SIGN BELOW W1-2L SIGN. LOCATED 100' WEST OF POLE # GMP/56					

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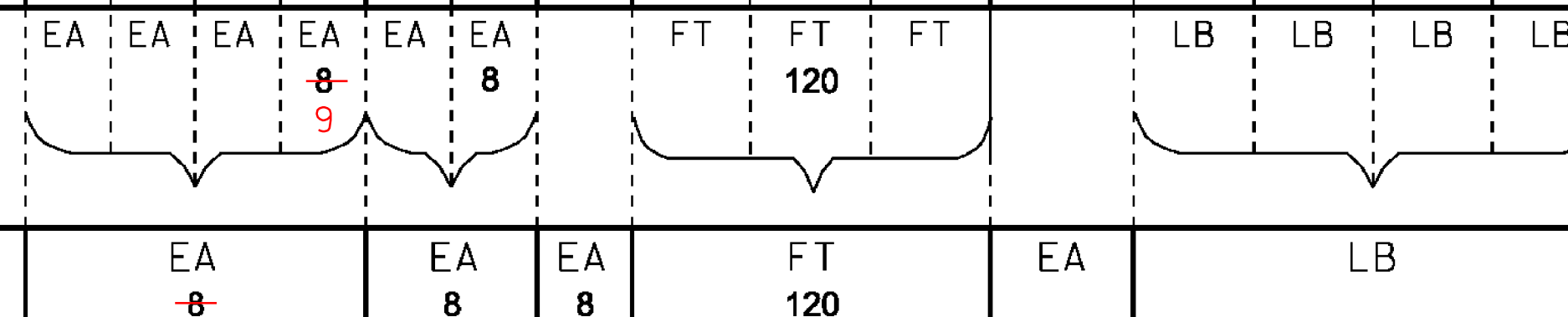
PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)

FILE NAME: I2K018wrk.dgn PLOT DATE: 11-JUL-2012
PROJECT LEADER: JLS DRAWN BY: TDS
DESIGNED BY: NLA CHECKED BY: NLA
WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEETS SHEET 37 OF 52

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				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	RETAIN	REMOVE		FOUNDAION	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
WB	MM 2.361, LT.	E F	D3-1	48	12			4.00								2.00		30						INSTALL A NEW D3-1 NEXT TO THE R1-1 SIGN LOCATED ON THE SOUTHEAST CORNER OF MACLEAN RD ON 2 POSTS		12			
		H	R1-1	30	30			6.25				X		X	1.00		15							REPLACE THE EXISTING W R1-1 SIGN AND POST. LOCATE IT ON THE SOUTHEAST CORNER OF THE MACLEAN RD	X				
WB	MM 2.365, LT.	E F	D3-1	24	6									X		X								REMOVE THE EXISTING D3-1 SIGN AND POST LOCATED ON THE NORTHEAST CORNER OF THE MACLEAN RD					
WB	MM 2.365 LT. +50 FT.	G	R2-1	24	30			5.00					X		X	1.00		15						REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED ON THE NORTHEAST CORNER OF THE MACLEAN RD	X				
WB	MM 2.393, LT.	F	W1-2L	30	30			6.25								1.00		15						INSTALL A NEW W1-2 SIGN AND POST. LOCATE 140' EAST OF POLE #25K/GMP/47	X				
EB	MM 2.614, RT.	AB	D3-1	24	6									X		X								REMOVE THE EXISTING D3-1 SIGN AND POST LOCATED ON THE SOUTHWEST CORNER OF ADAMS RD					
EB	MM 2.614, RT. + 50 FT.	C	R2-1	24	30			5.00					X		X	1.00		15						REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED ON THE SOUTHWEST CORNER OF ADAMS RD	X				
EB	MM 2.616, RT.	CD	D3-1	42	12			3.50																INSTALL A NEW D3-1 ABOVE THE R1-1 SIGN LOCATED ON THE SOUTHEAST CORNER OF THE ADAMS RD		12			
		D	R1-1	30	30			6.25					X		X	1.00		15						REPLACE THE EXISTING R1-1 SIGN AND POST. LOCATE IT ON THE SOUTHEAST CORNER OF THE ADAMS RD	X				
WB	MM 2.616, LT. TO MM 2.828, LT.	EF		6	8		(32) TYPE II - 6" x 8" WHITE DELINEATORS																	INSTALL NEW DELINEATORS (32) BACK - TO - BACK 70' APART ON 16 POSTS. INSTALL FIRST POST ACROSS FROM ADAMS RD		5			
EB	MM 2.820, RT.	AB	D3-1	24	6									X		X								REMOVE THE EXISTING D3-1 SIGN AND POST LOCATED ON THE SOUTHWEST CORNER OF BAPTIST ST					
EB	MM 2.820, RT. + 50 FT.	C	R2-1	24	30			5.00					X		X	1.00		15						REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED ON THE SOUTHWEST CORNER OF BAPTIST ST	X				

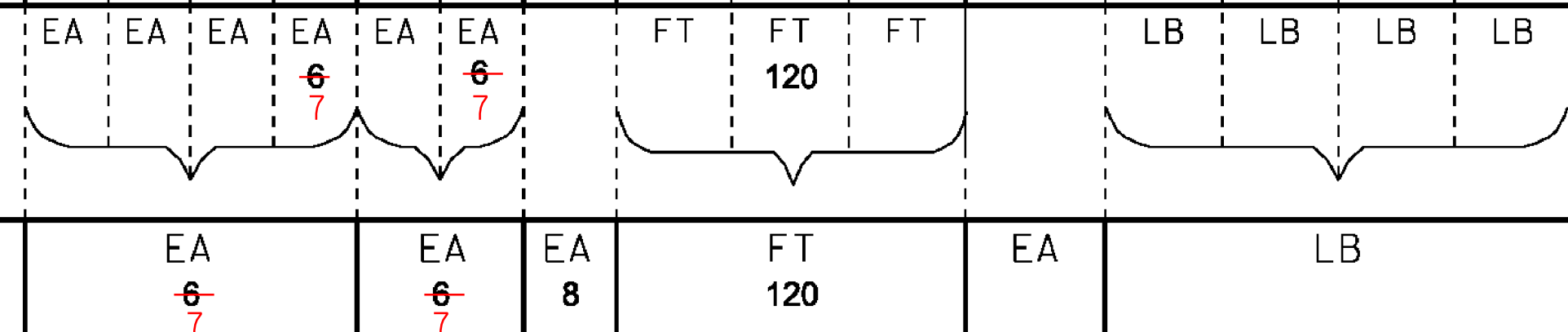
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PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: STP HRRR(I2)
 FILE NAME: I2k018wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: NLA
 WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEET 39 OF 52










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	RETAIN	REMOVE		FOUNDATION			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							
EB	MM 2.823, RT.	CD	D3-1	48	12		Baptist st	4.00								2.00	30							INSTALL A NEW D3-1 ON 2 POSTS ADJACENT TO THE R1-1 SIGN LOCATED ON THE SOUTHWEST CORNER OF THE BAPTIST ST.			12			
		D	R1-1	30	30			6.25					X	X	1.00	15								REPLACE THE EXISTING R1-1 SIGN AND POST. LOCATE IT ON THE SOUTHWEST CORNER OF THE PIRIE RD	X					
WB	MM 2.835, LT.	EF	D3-1	36	12		Pirie Rd	3.00																INSTALL A NEW D3-1 ABOVE THE R1-1 SIGN LOCATED ON THE SOUTHWEST CORNER OF THE PIRIE RD			12			
		H	R1-1	30	30			6.25					X	X	1.00	15								REPLACE THE EXISTING R1-1 SIGN AND POST. LOCATE IT ON THE SOUTHWEST CORNER OF THE PIRIE RD	X					
WB	MM 2.838, LT.	EF	D3-1	24	6		Pirie Rd						X	X										REMOVE THE EXISTING D3-1 SIGN LOCATED ON THE NORTHEAST CORNER OF THE PIRIE RD						
WB	MM 2.838, LT. + 50 FT.	G	R2-1	24	30			5.00					X	X	1.00	15								REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED ON THE NORTHEAST CORNER OF PIRIE RD	X					
EB	MM 2.847, RT.	A	R2-1	24	30			5.00					X	X	1.00	15								REPLACE THE EXISTING R2-1 SIGN AND POST LOCATED 50' EAST OF POLE # 75334	X					
EB	MM 2.864, RT.	A	W1-2R	30	30			6.25						X	X	1.00	15							INSTALL A NEW W2-1 SIGN AND POST LOCATED 111' WEST AND ACROSS FROM POLE # GMP/33	X					
WB	MM 2.927, LT.	F	W1-2L	30	30			6.25								1.00	15							INSTALL A NEW W2-1 SIGN AND POST LOCATED 26' WEST AND ACROSS FROM POLE # GMP/33	X					
EB	MM 2.943, RT.	A	TOWN SIGN	30	30								X	X										REMOVE THE EXISTING BLIND DRIVE WARNING SIGN LOCATED 58' WEST OF POLE # GMP/32						

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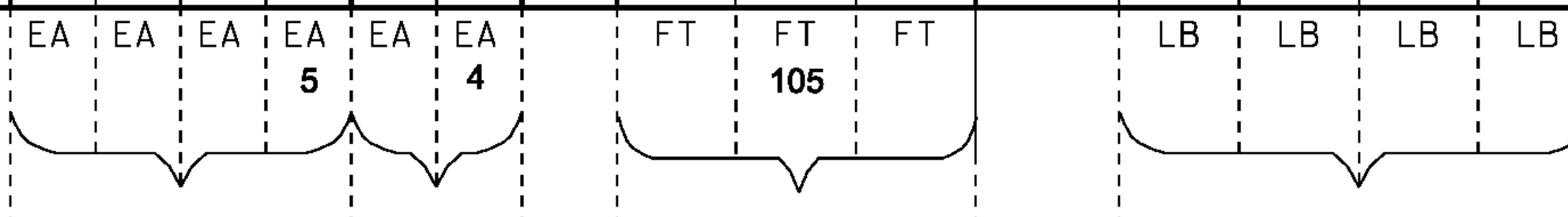


PROJECT NAME: STATEWIDE NORTHEAST REGION		PLOT DATE: 11-JUL-2012	
PROJECT NUMBER: STP HRRR(12)		DRAWN BY: TDS	
FILE NAME: I2k018wrk.dgn		CHECKED BY: NLA	
PROJECT LEADER: JLS		DESIGNED BY: NLA	
WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEET 8 SHEET 40 OF 52			

TRAFFIC SIGN SUMMARY SHEET 9

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	RETAIN		REMOVE	FT	FT	FT	LB	LB	LB			LB	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
EB	MM 2.959, RT.	A	VW-054	30	30			6.25															INSTALL A NEW VW-054 SIGN AND POST. LOCATE IT 30' WEST OF POLE # GMP/31			12		
WB	MM 2.970, LT.	EF	D3-1	36	6																		REMOVE THE EXISTING D3-1 SIGN AND POST LOCATED ON THE SOUTHEAST SIDE OF MOSQUITOVILLE RD					
WB	MM 2.970, LT.	EF	D3-1	72	12			6.00															INSTALL A NEW D3-1 SIGN ON 2 POSTS TO THE ADJACENT TO R1-1 LOCATE IT ON THE SOUTHEAST SIDE OF MOSQUITOVILLE RD			12		
		H	R1-1	30	30			6.25															REPLACE THE EXISTING R1-1 SIGN AND POST. LOCATE IT ON THE SOUTHEAST SIDE OF MOSQUITOVILLE RD	X				
WB	MM 3.008, LT.	F	W1-2L	30	30			6.25															INSTALL A NEW W1-2 SIGN AND POST. LOCATE IT 85' EAST OF POLE # 4/GMP/30	X				
WB	MM 3.251, LT.	F	R2-1	24	30																		REMOVE THE EXISTING R2-1 AND S3-1 SIGNS AND POST LOCATED 85' EAST OF POLE # GMP/24					
		F	S3-1	30	30																							
EB	MM 3.279, RT.	A	R2-5A	24	30																		REMOVE THE EXISTING R2-7a SIGN AND POST LOCATED 165' WEST AND ACROSS FROM POLE # GMP/22					
EB	MM 3.296, RT.	A	W3-5	36	36			9.00															INSTALL NEW W3-5 SIGN AND POSTS. LOCATE IT 75' WEST AND ACROSS FROM POLE # GMP/22	X				

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PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)

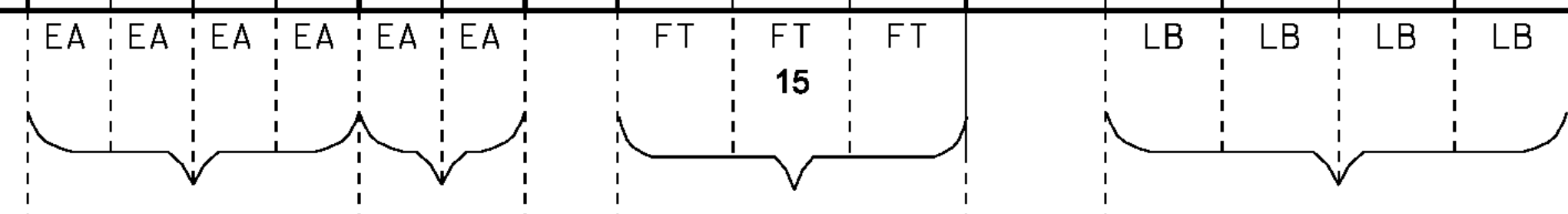
FILE NAME: I2K018wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHEETS SHEET 41 OF 52

PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA

TRAFFIC SIGN SUMMARY SHEET 10

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)			FOUNDATION	TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN			REMOVE	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										
WB	3.348	F	R2-1	24	30			5.00								1.00		15							INSTALL NEW R2-1 SIGN AND POST. LOCATE IT 50' WEST OF POLE # GMP/20	X					

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PROJECT NUMBER: STP HRRR(12)	
FILE NAME: I2k018wrk.dgn	PLOT DATE: 11-JUL-2012
PROJECT LEADER: JLS	DRAWN BY: TDS
DESIGNED BY: NLA	CHECKED BY: NLA
WILLIAMSTOWN TRAFFIC SIGN SUMMARY SHT 10 SHEET 42 OF 52	

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				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	RETAIN	REMOVE		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															
							BARRE TOWN TSS SUBTOTAL	193.34		1			30	1	25 26	34	495 510	15																				
							DERBY TSS SUBTOTAL	186.75 180.50		2			20 24	2 1	17 18	31 32	465 480																					
							LYNDON TSS SUBTOTAL	249.25				3	25 26		23 25	42 40	630 600																					
							WILLIAMSTOWN TSS SUBTOTAL	348.08		1			51 55	1	51 53	62 63	930 945																					

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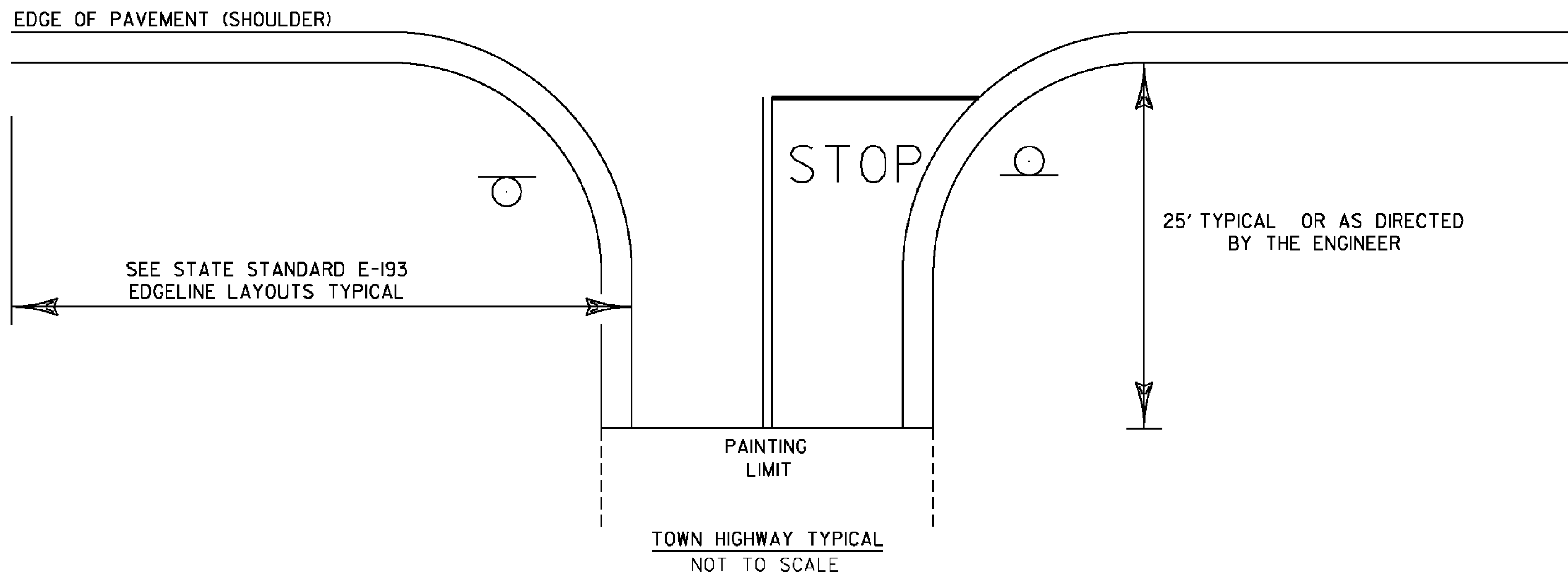
EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB
4	3	126	4	116	3	2520	15	2535				
		135	3	122								
SF	SF	EA	EA	EA	EA	FT	FT	FT	EA	LB	LB	LB
977.42		430	142	420	125	169	2535					
971.17												

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: STP HRRR(12)
FILE NAME: I2K018wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
TRAFFIC SIGN SUMMARY SHEET
PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA
SHEET 44 OF 52

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.

TOWN/STATE HIGHWAY NAME	LOCATION MM	EXISTING PAVED/ GRAVEL	MAINLINE CENTERLINE BREAK	MAINLINE EDGE LINE BREAK	4" YELLOW CENTERLINE	4" WHITE EDGE LINE	8" WHITE LINE	STOP BAR	STOP SIGN	STOP LETTERS	YIELD SIGN	YIELD SYMBOLS	YIELD AHEAD LETTERS	STOP AHEAD LETTERS	STOP AHEAD SIGN	MAINLINE CROSSWALK	TH CROSSWALK	GRINDING	REMARKS	
BARRE TOWN																				
E COBBLE HILL RD		PAVED						MM 0.003 LT	YES	MM 0.005 LT										
DERBY																				
SHATTUCK HILL RD		PAVED			MM 0.005 - 0.028	MM 1.140-1.238		MM 0.003 LT	YES											LANE ASSIGNMENT ARROWS
SHATTUCK HILL RD EXT.	0.050	PAVED			STA 0+16 - 1+66			STA 0+16 RT	YES											RT LANE USE ARROWS, "ONLY"
SHATTUCK HILL RD		PAVED			MM 1.140 - 1.238	MM 1.140 - 1.238		MM 1.238 RT	YES	STA 1.236 RT				STA 1.140 RT						BOTH SIDES (4-ARROWS + 2-"ONLY" TEXT)
LYNDON																				
CROSS ST	0.201	PAVED						STA 0+16 LT	YES	STA 0+20 LT										
BRANCH BROOK	0.246	PAVED						STA 0+16 LT	YES	STA 0+20 LT										
CHANDLER BRIDGE	0.419	PAVED						STA 0+16 LT	YES	STA 0+20 LT										
MCGOFF HILL	0.425	PAVED						STA 0+16 RT	YES	STA 0+20 RT										
WILLIAMSTOWN																				
BAILEY RD	0.960	PAVED						STA 0+15 LT	YES											
MCGLYNN RD	1.473	PAVED						STA 0+16 LT	YES											
ADAMS RD	2.616	PAVED						STA 0+16 RT	YES											
BAPTIST RD	2.823	PAVED						STA 0+16 RT	YES											
PIRIE RD	2.838	PAVED						STA 0+16 LT	YES											
TOTAL					789 X 2 = 1578 LF	518 X 2 = 1036 LF		208 LF		24 EA				9 EA						12 EA



- 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, EDGELINE, STOP BARS, AND STOP LETTERS.

PROJECT NAME: STATEWIDE NORTHEAST REGION	
PROJECT NUMBER: STP HRRR(12)	
FILE NAME: I2k018wrk.dgn	PLOT DATE: 11-JUL-2012
PROJECT LEADER: JLS	DRAWN BY: ITS
DESIGNED BY: NLA	CHECKED BY: NLA
PAVEMENT MARKINGS SHEET	SHEET 45 OF 52

**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	678.17	621.205	REMARKS
			EARTH BORROW	AGGREGATE SHOULDERS	STEEL BEAM GUARDRAIL GALVANIZED 6-FT POSTS	ANCHOR FOR STEEL BEAM RAIL	REMOVAL AND DISPOSAL OF GUARDRAIL	SEED	FERTILIZER	AGRICULTURE LIMESTONE	HAY MULCH	TOPSOIL	TEMPORARY EROSION MATTING	DELINEATOR WITH STEEL POST	REMOVAL OF EXISTING DELINEATOR	FLASHING BEACON, AERIAL MOUNTED	STEEL BEAM GUARDRAIL GALVANIZED 8-FT POSTS	
			CY	TON	LF	EACH	LF	LB	LB	TON	TON	CY	SY	EACH	EACH	EACH	LF	
BARRE TOWN																		
MM 0.743	MM 0.836																	
MM 0.910	END	LT	50		12.5	2	12.5	5	5	0.10	0.25	2.5	50					
MM 1.820	MM 1.870																	
DERBY																		
MM 0.792	MM 0.844																	
LYNDON																		
MM 3.273	MM 3.330																	
MM 3.501	MM 3.535																	
MM 3.579	MM 3.613																	
MM 3.760	MM 3.851																	
WILLIAMSTOWN																		
MM 0.951	MM 0.960	LT	50		50	2	50	5	5	0.10	0.25	2.5	50					
MM 0.951	MM 0.960	RT	50		50	2	50	5	5	0.10	0.25	2.5	50					
MM 1.807	MM 1.860																	
MM 2.616	MM 2.828																	
			CY	TON	LF	EACH	LF	LB	LB	TON	TON	CY	SY	EACH			LF	
BARRE TOWN																		
MM 0.018	MM 0.056	LT	10		154	2	200	1	1	0.20	0.050	0.50	10					42
MM 0.022	MM 0.068	RT	10		154	2	242	1	1	0.20	0.050	0.50	10					66
MM 0.136	MM 0.216	RT	10		292	2	418	1	1	0.20	0.050	0.50	10					96
MM 0.145	MM 0.188	LT	10		222	2	225	1	1	0.20	0.050	0.50	10					
MM 0.223	MM 0.276	RT	10		268	2	276	1	1	0.20	0.050	0.50	10					
MM 0.593	MM 0.751	RT	10		764	2	834	1	1	0.20	0.050	0.50	10					60
MM 0.611	MM 0.666	LT	10		292	2	290	1	1	0.20	0.050	0.50	10					
MM 0.743	MM 0.836	RT																7
MM 0.909	MM 0.940	RT	10		142	2	163	1	1	0.20	0.050	0.50	10					18
MM 1.820	MM 1.870	LT																4
DERBY																		
MM 0.792	MM 0.884	LT																5
LYNDON																		
MM 3.273	MM 3.330	RT																5
MM 3.501	MM 3.535	RT																3
MM 3.579	MM 3.613	RT																3
MM 3.760	MM 3.851	LT																8
WILLIAMSTOWN																		
MM 0.920	MM 0.941	LT	10		178	2	156	1	1	0.20	0.050	0.50	10					18
MM 0.928	MM 0.938	RT	10		52	2	50	1	1	0.20	0.050	0.50	10					
MM 0.964	MM 0.990	LT	10		196	2	135	1	1	0.20	0.050	0.50	10					
MM 1.796	MM 1.819	LT	10		124	2	124	1	1	0.20	0.050	0.50	10					
MM 1.805	MM 1.819	RT	10		76	2	76	1	1	0.20	0.050	0.50	10					
MM 1.807	MM 1.860	RT																4
MM 1.849	MM 1.892	RT	10		244	2	228	1	1	0.20	0.050	0.50	10					
MM 1.976	MM 2.047	RT	10		400	2	375	1	1	0.20	0.050	0.50	10					
MM 2.308	MM 2.382	RT	10		364	2	550	1	1	0.20	0.050	0.50	10					
MM 2.116	MM 2.220	LT	10		544	2	392	1	1	0.20	0.050	0.50	10					
MM 2.370	MM 2.456	RT	10		436	2	452	1	1	0.20	0.050	0.50	10					
MM 2.616	MM 2.828	LT																16
NEW TOTALS			180		4,902	36	5,186	18	18	3.60	0.90	9.0	180	55			300	
TOTAL			150		112.5	6	112.5	15	15	0.30	0.75	7.5	150	55				

ITEM DETAIL SUMMARY SHEET	PROJECT NAME: STATEWIDE NORTHEAST REGION	PLOT DATE: 11-JUL-2012
	PROJECT NUMBER: STP HRRR(12)	
	FILE NAME: I2k018wrk.dgn	
	PROJECT LEADER: JLS	
DESIGNED BY: NLA	CHECKED BY: NLA	
	ITEM DETAIL SUMMARY SHEET	SHEET 46 OF 52

STATE OF VERMONT AGENCY OF TRANSPORTATION



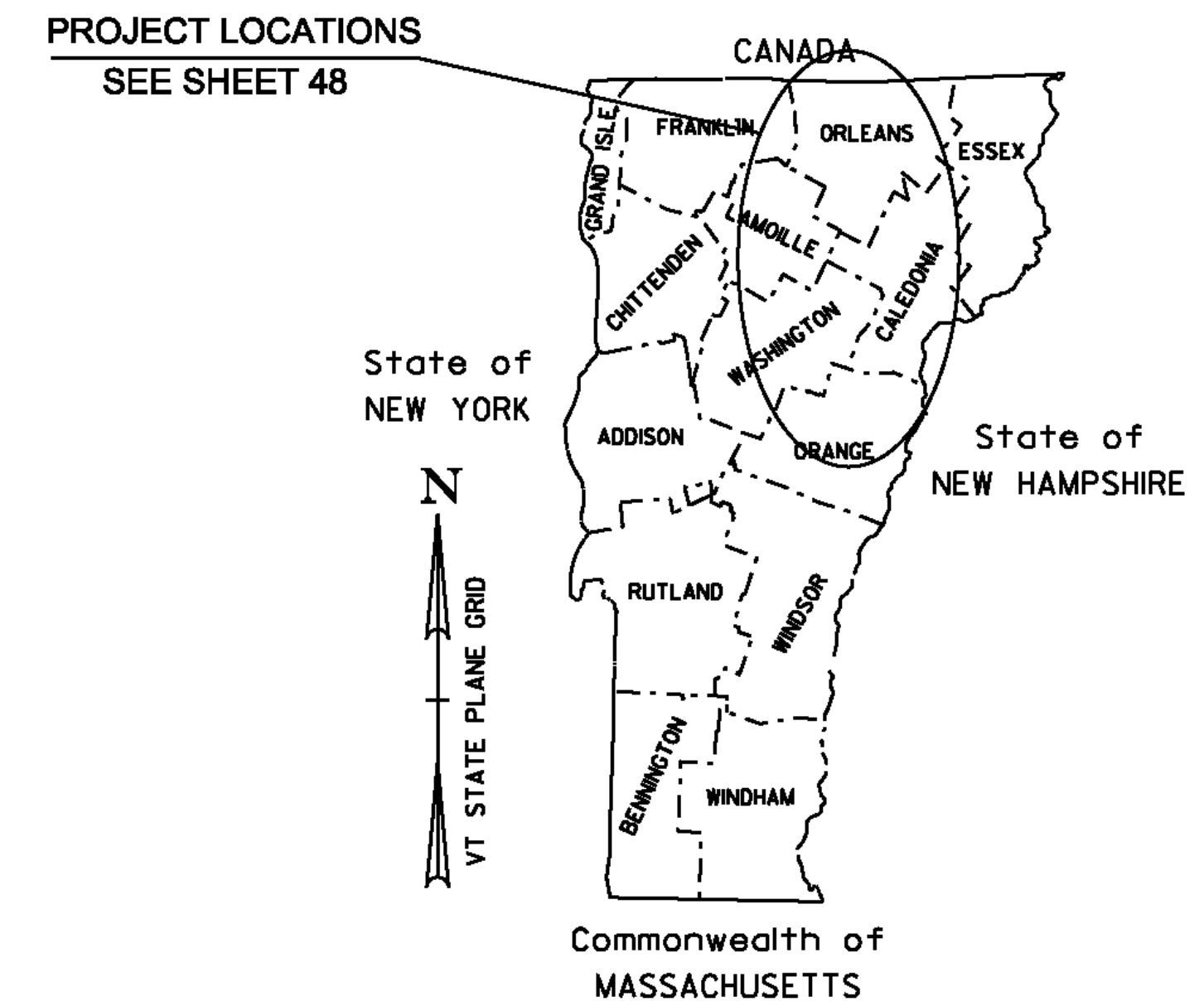
PROPOSED IMPROVEMENT

STATEWIDE NORTHEAST REGION HES HSIP(3)

TOWN OF BARNET
COUNTY CALEDONIA
VARIOUS TOWN HIGHWAYS

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS, AND SIGN POSTS; THE INSTALLATION OF NEW SIGNS, AND SIGN POSTS, AND OTHER RELATED HIGHWAY ITEMS FOR THE DESCRIBED WORK.

PROJECT LOCATIONS: TH-1, MM 3.304 - 3.725 BARNET (WEST BARNET ROAD) PROJECT LENGTH: 0.421 MILES (2222.88 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	

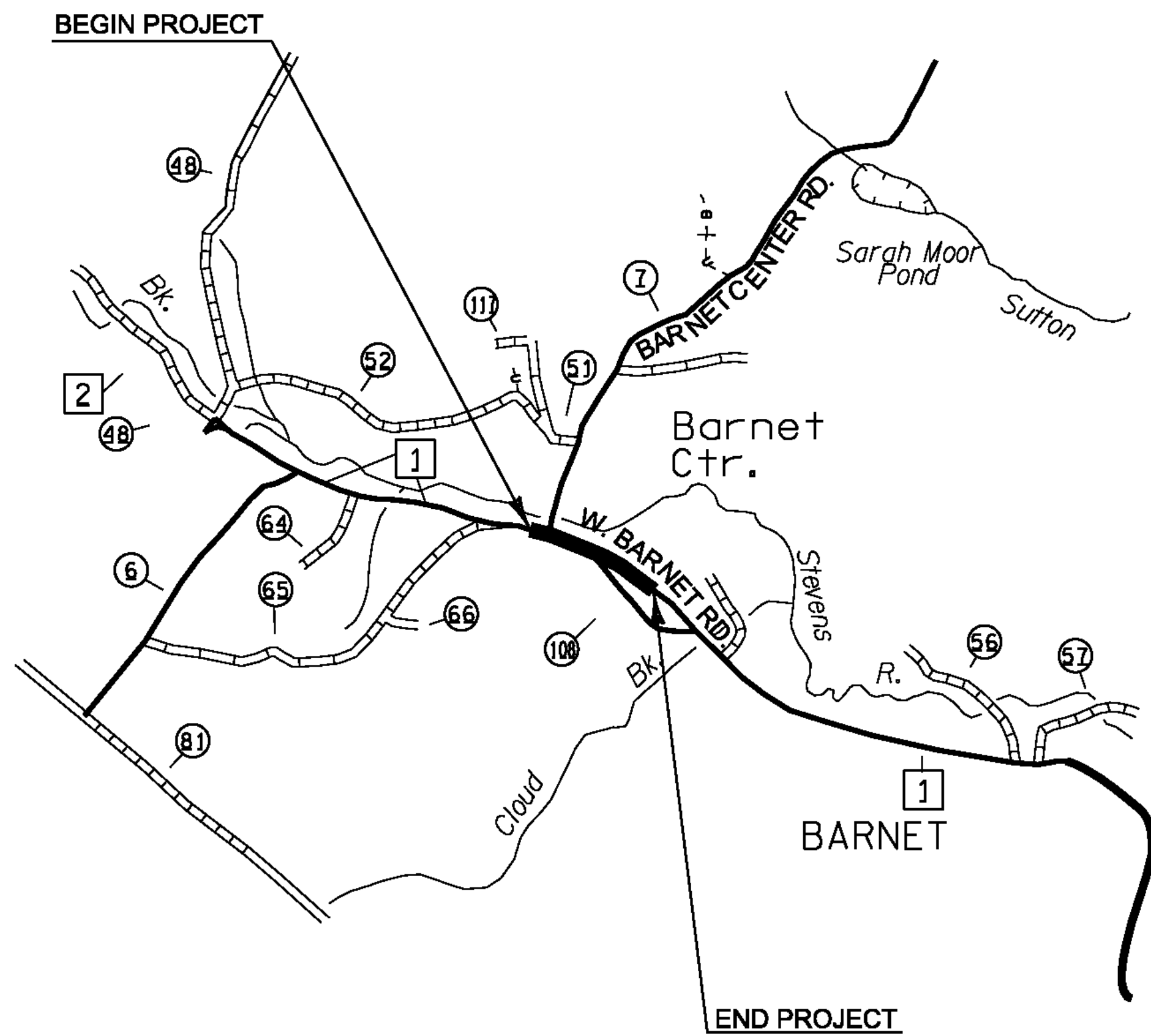
SURVEYED BY :	N/A
SURVEYED DATE :	N/A
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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.

PROJECT MANAGER :	JOSH SCHULTZ
PROJECT NAME :	STATEWIDE - NORTHEAST REGION
PROJECT NUMBER :	HES HSIP(3)
SHEET	47 OF 52 SHEETS

BARNET



WORK TO BEGIN 0.016 MILES AT A POINT (84.5 FT) WEST OF THE INTERSECTION OF WEST BARNET ROAD (TH-1) AND BARNET CENTER ROAD (TH-9). DESIGNATING THIS LOCATION ADJACENT TO POLE # 84 / 114737 / 59 AS MILE MARKER 3.304 AND EXTENDING EASTERLY FOR A DISTANCE OF 0.421 MILES TO A POINT 0.200 MILES (1056 FT) EASTERLY OF POLE # 7 / 54 TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

PROJECT NAME: STATEWIDE NORTHEAST REGION	
PROJECT NUMBER: HES HSIP(3)	
FILE NAME: I2k018wrk.dgn (I2k036)	PLOT DATE: 11-JUL-2012
PROJECT LEADER: JLS	DRAWN BY: TDS
DESIGNED BY: NLA	CHECKED BY: NLA
LOCATION MAPS SHEET	SHEET 48 OF 52

NOT TO SCALE









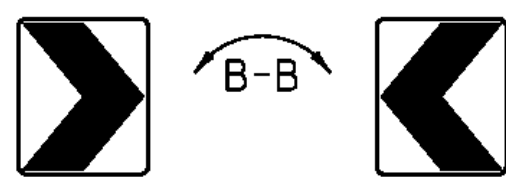
QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES												TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
											ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
												0.5	0.5	LS	MOBILIZATION/DEMOLITION	635.11	-			
												1	1	LS	TRAFFIC CONTROL (HES HSIP(3))	641.10	-			
												59	59	SF	TRAFFIC SIGNS, TYPE A	675.20	-			
												150	150	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	EST.			
												5	5	EACH	REMOVING SIGNS	675.50	EST.			

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: HES HSIP(3)
FILE NAME: I2k018wrk.dgn (I2k036)
PROJECT LEADER: JLS
DESIGNED BY: NLA
QUANTITY SHEET

PLOT DATE: 12-JUL-2012
DRAWN BY: TDS
CHECKED BY: NLA
SHEET 49 **OF** 52

TRAFFIC SIGN SUMMARY SHEET 1

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	RETAIN		REMOVE	1.75	2.00	2.50	3.00	3.50	4.00			5.00	DETAIL IN SHSM	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
NB	MM 3.304, RT.	A	W1-10R	36	36			9.00															INSTALL NEW SIGN AND POST ACROSS FROM POLE # 84/114737/59.	X				
		A	W13-1P	18	18			2.25															INSTALL NEW SIGN BELOW THE NEW W1-2R SIGN.	X				
SB	MM 3.320, LT.	H	R1-1	30	30			6.25					X		X	1.00							REPLACE EXISTING SIGN AND POST AT THE BARNET RD INTERSECTION AND INSTALL NEW SIGN AND POST AT SAME LOCATION.	X				
SB	MM 3.320, LT.	E	D3-1	48	12					X				X									RETAIN SIGN AND POST AT THE INTERSECTION WITH BARNET CENTER RD.					
SB	MM 3.327, LT.	F	W1-8	18	24									X		X							REMOVE SIGN AND POST LOCATED 16 FT SOUTH OF POLE # 602 26/30K/83/58/47.					
SB	MM 3.338, LT.	F	W1-8	18	24			3.00						X		X	1.00						REMOVE SIGN AND POST 42 FT NORTH OF POLE # 602 26/30K/83/58/47 AND INSTALL CHEVRON SIGNS BACK-TO-BACK USING BRACKET ON NEW POST AT THE SAME LOCATION.	X				
		E	W1-8	18	24			3.00																	X			
SB	MM 3.346, LT.	F	W1-8	18	24									X		X							REMOVE SIGN AND POST 85 FT NORTH OF POLE # 602 26/30K/83/58/47.					
SB	MM 3.354, LT.	F	W1-8	18	24									X		X							REMOVE SIGN AND POST 126 FT NORTH OF POLE # 602 26/30K/83/58/47.					
SB	MM 3.360, LT.	F	W1-8	18	24			3.00									1.00						INSTALL CHEVRON SIGNS BACK-TO-BACK USING BRACKET ON NEW POST. INSTALL THE FIRST PAIR 58 FT SOUTH AND ACROSS FROM POLE # 82/114737/57. INSTALL SUBSEQUENT PAIRS 120 FT APART.	X				
		E	W1-8	18	24			3.00																	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 1	EA 5	EA 1	EA 5	FT 75	EA 6	EA 6	EA 5	FT 75	EA	LB	LB	LB	LB
------	------	------	------	-------	------	------	------	-------	----	----	----	----	----

PROJECT NAME: STATEWIDE NORTHEAST REGION
PROJECT NUMBER: HES HSIP(3)

FILE NAME: I2k018wrk.dgn (I2k036)
PROJECT LEADER: JLS
DESIGNED BY: NLA
BARNET TRAFFIC SIGN SUMMARY SHEET 1

PLOT DATE: 11-JUL-2012
DRAWN BY: TDS
CHECKED BY: JLS
SHEET 50 OF 52

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	RETAIN		REMOVE	FOUNDAION	lb/ft		lb/ft		DETAIL IN SHSM			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER	
																		1.75	2.00	2.50	3.00						3.50
SB	MM 3.383, LT.	F	W1-8	18	24			3.00															INSTALL CHEVRON SIGNS BACK-TO-BACK USING BRACKET ON NEW POST. INSTALL THE FIRST PAIR 58 FT SOUTH AND ACROSS FROM POLE # 82/114737/57. INSTALL SUBSEQUENT PAIRS 120 FT APART.	X			
		E	W1-8	18	24			3.00																			
SB	MM 3.406, LT.	F	W1-8	18	24			3.00																INSTALL CHEVRON SIGNS BACK-TO-BACK USING BRACKET ON NEW POST. INSTALL THE FIRST PAIR 58 FT SOUTH AND ACROSS FROM POLE # 82/114737/57. INSTALL SUBSEQUENT PAIRS 120 FT APART.	X		
		E	W1-8	18	24			3.00																			
SB	MM 3.412, LT.	F	W1-10L	36	36			9.00							2.00		30							INSTALL NEW SIGN ON NEW POST 216 FT NORTH AND ACROSS FROM POLE # 82/114737/57.	X		
		F	W13-1P	18	18			2.25																INSTALL NEW SIGN BELOW THE NEW CURVE RIGHT SIGN.	X		
NB	MM 3.462, RT.	A	VW-202	30	30					X														RETAIN SIGN AND POST LOCATED 137 FT SOUTH OF POLE # 7 / 54.			
NB	MM 3.525, RT.	D	R1-1	30	30			6.25							1.00		15							INSTALL NEW SIGN AND POST 195 FT NORTH OF POLE 3 7/54 ON THE RIGHT HAND SIDE OF DRIVE.	X		
NB	MM 3.725, RT.	A	TOWN SIGN	30	30					X														RETAIN SIGN AND POST LOCATED 1056 FT NORTH OF POLE # 7 / 54.			

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					2	75						
SF	SF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
29.50		2			2	5	75				LB	

PROJECT NAME: STATEWIDE NORTHEAST REGION
 PROJECT NUMBER: HES HSIP(3)
 FILE NAME: I2k018wrk.dgn (I2k036)
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 BARNET TRAFFIC SIGN SUMMARY SHEET 2
 PLOT DATE: 11-JUL-2012
 DRAWN BY: TDS
 CHECKED BY: JLS
 SHEET 51 OF 52

