

STATE OF VERMONT
AGENCY OF TRANSPORTATION



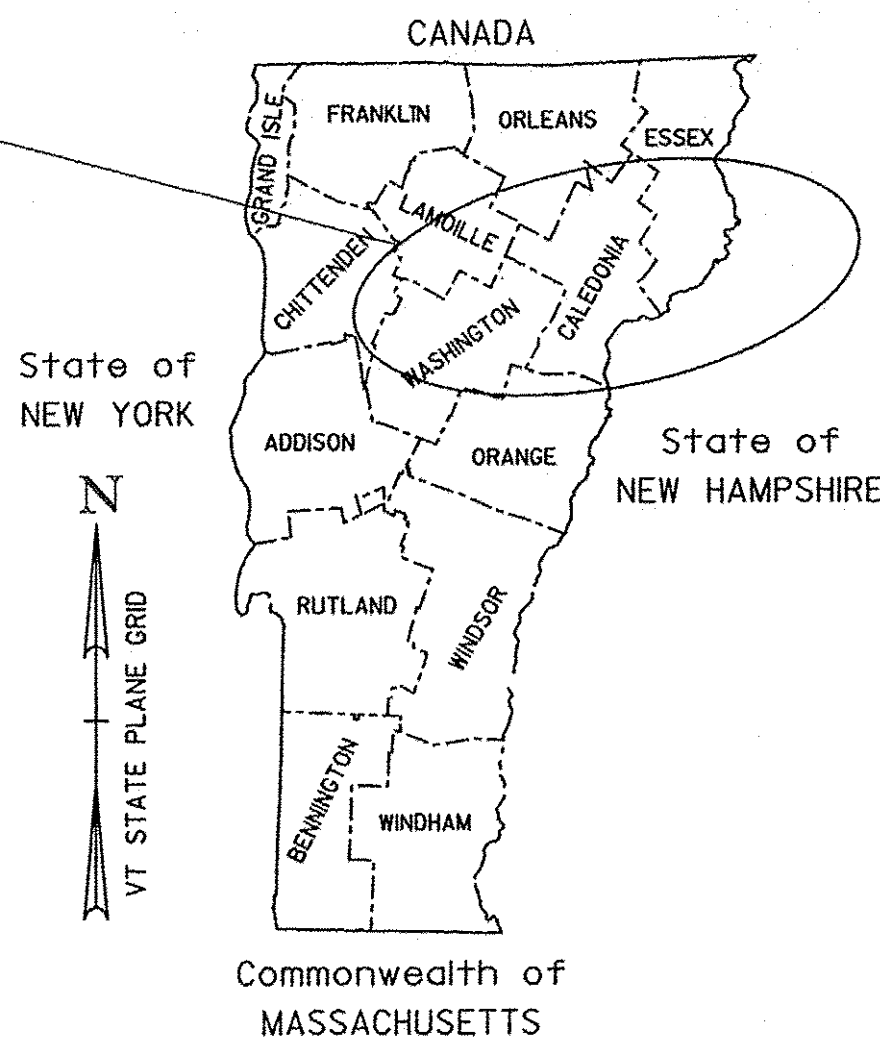
PROPOSED IMPROVEMENT
STATEWIDE NORTHEAST REGION STP HRRR(16)
TOWNS OF BERLIN, LUNENBURG, NEWARK, NEWBURY AND WOLCOTT
COUNTIES OF WASHINGTON, ESSEX, CALEDONIA, ORANGE AND LAMOILLE COUNTIES

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 HIGHWAY RELATED ITEMS FOR THE DESCRIBED WORK.

PROJECT LOCATIONS:	TH-8,	MM	0.000 - 0.680	BERLIN (DOG RIVER ROAD)
	TH-1,	MM	0.000 - 7.100	LUNENBURG (RIVER ROAD)
	TH-4,	MM	0.000 - 0.026	LUNENBURG (MT ORNE BRIDGE ROAD)
	TH-1,	MM	1.260 - 1.834	NEWARK (NEWARK STREET)
	TH-25,	MM	0.000 - 0.024	NEWARK (HOLLOW ROAD)
	TH-7,	MM	0.000 - 4.626	NEWBURY (LEIGHTON HILL ROAD)
	TH-4,	MM	0.000 - 3.402	WOLCOTT (ELMORE POND ROAD)
	TH-15,	MM	3.410 - 4.891	WOLCOTT (GULF ROAD)

PROJECT LOCATIONS

SEE SHEETS 8-10
FOR SITE MAPS



PROJECT LENGTHS:	0.680 MILES	(3590.40 FT)
	7.100 MILES	(37488.00 FT)
	0.026 MILES	(137.28 FT)
	0.574 MILES	(3030.72 FT)
	0.024 MILES	(126.72 FT)
	4.626 MILES	(24425.28 FT)
	3.402 MILES	(17962.56 FT)
	1.481 MILES	(7819.68 FT)

TOTAL LENGTH: 17.913 MILES (94580.64 FT)

RECORD PLANS

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

RESIDENT ENGINEER: BRIGITTE CODLING

CONSTRUCTION BEGAN: MAY 6, 2014

CONSTRUCTION COMPLETE: DECEMBER 15, 2014

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 Brigitte Codling RESIDENT ENGINEER

DATE July 13, 2015

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.

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 Richard Johnson DATE 1-8-14

PROJECT MANAGER : JESSE DEVLIN, P.E.

PROJECT NAME : STATEWIDE - NORTHEAST REGION
PROJECT NUMBER : STP HRRR(16)

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GUARDRAIL APPROACH SECTION, GALVANIZED HD STEEL BEAM

SQUARE TUBE SIGN POST AND ANCHOR
- 08/08/1995

03/16/2004

08/08/1995

08/08/1995

08/08/1995

05/30/2003

12/23/1994

05/01/2004

02/01/1999

08/18/1995

01/03/2000

01/03/2000

11/15/2002

05/24/2012

05/24/2012

01/02/2013

GENERAL NOTES

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THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SIGN CODES PROVIDED IN THESE PLANS SHALL REFER TO THE 2009 MUTCD. DESIGN DETAILS FOR SIGNS INDICATED ON THE PLANS, AS FOUND IN THE STANDARD HIGHWAY SIGNS AND MARKING BOOK (SHSM), SHALL BE PER THE 2004 SHSM AND THE 2012 SUPPLEMENT TO THE 2004 EDITION, AND APPLICABLE VTRANS E-SERIES AND T-SERIES STANDARDS OR AS DIRECTED BY THE ENGINEER.

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

WITHIN THE TRAFFIC SIGN SUMMARY SHEETS (FY) FLUORESCENT YELLOW SHEETING (ASTM TYPE VII, VIII, OR IX) AND (FYG) FLUORESCENT YELLOW-GREEN SHEETING (ASTM D4986 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"		ALL STREET NAME SIGNS
	24" X 18"	36" X 12"	48" X 8"
	24" X 24"	36" X 15"	48" X 18"
	24" X 30"	36" X 18"	48" X 24"
	30" X 8"	36" X 24"	48" X 30"
	30" X 15"	36" X 42"	48" X 42"
	30" X 18"	36" X 36"	48" X 48"
	30" X 30"	36" X 48"	48" X 60"
	30" X 42"	36" X 48"	72" X 10"
	36" X 8"	42" X 8"	72" X 12"
	36" X 12"	42" X 8"	72" X 20"
THICKNESS	0.080"	0.100"	0.125"

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ALL SQUARE STEEL SIGN POSTS SHALL BE INSTALLED IN A NEW ANCHOR. ALL SIGNS INSTALLED IN PAVED OR CONCRETE ISLANDS OR SIDEWALKS SHALL ALSO BE INSTALLED WITH AN 18" SLEEVE. PAYMENT FOR THE SLEEVE SHALL BE INCIDENTAL TO CONTRACT ITEM 675.341 SQUARE TUBE STEEL SIGN POST AND ANCHOR.

1.75" SQUARE STEEL POSTS SHALL BE 14 GAGE STEEL. 2.0" AND 2.5" SQUARE STEEL POSTS SHALL BE 12 GAGE STEEL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

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

SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH STATE STANDARD DRAWING E-121 SIGN PLACEMENT CONVENTIONAL ROAD, UNLESS OTHERWISE NOTED.

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

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

ALL SIGNS, FRAMES, MOUNTING HARDWARE, POSTS, AND ANCHORS FOR ANY SIGN ASSEMBLY SHALL BE REPLACED AT THE SAME TIME. MIXING OF OLD AND NEW SIGNS ON THE SAME ASSEMBLY WILL NOT BE ALLOWED.

ALL NEW SIGN INSTALLATIONS, IF NEAR A UTILITY POLE, SHALL BE NO CLOSER THAN 10 FEET FROM THE UTILITY POLE.

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

SIGN IDENTIFICATION INFORMATION AS OUTLINED IN SECTION 675.02 SHALL INDICATE THE TOWN AND TOWN HIGHWAY INFORMATION. VAOT OR THE STATE SHALL NOT BE INDICATED ON ANY OF THE SIGNS.

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

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

CONSTRUCTION GUIDANCE

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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

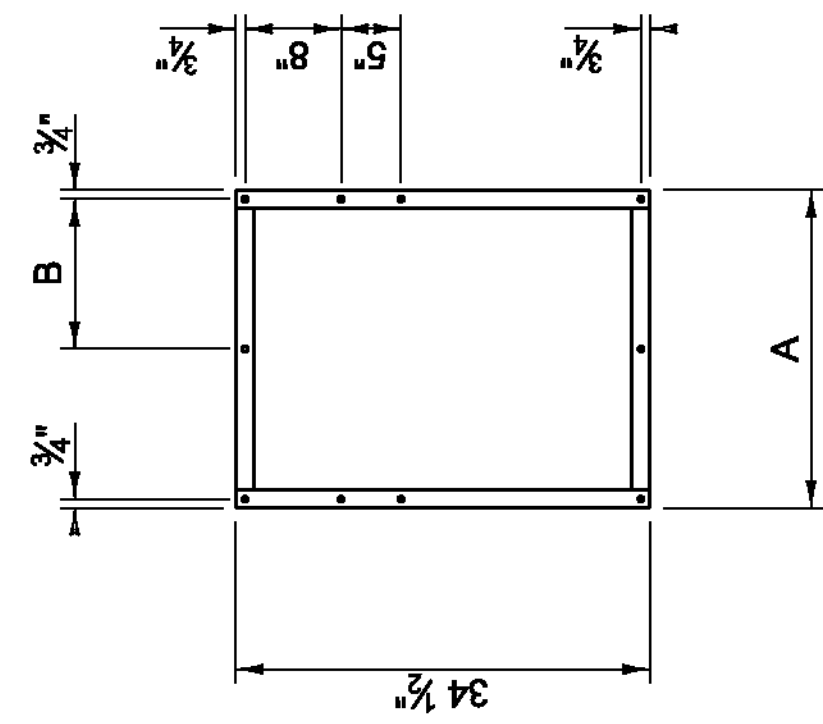
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

QUANTITY SHEET 1

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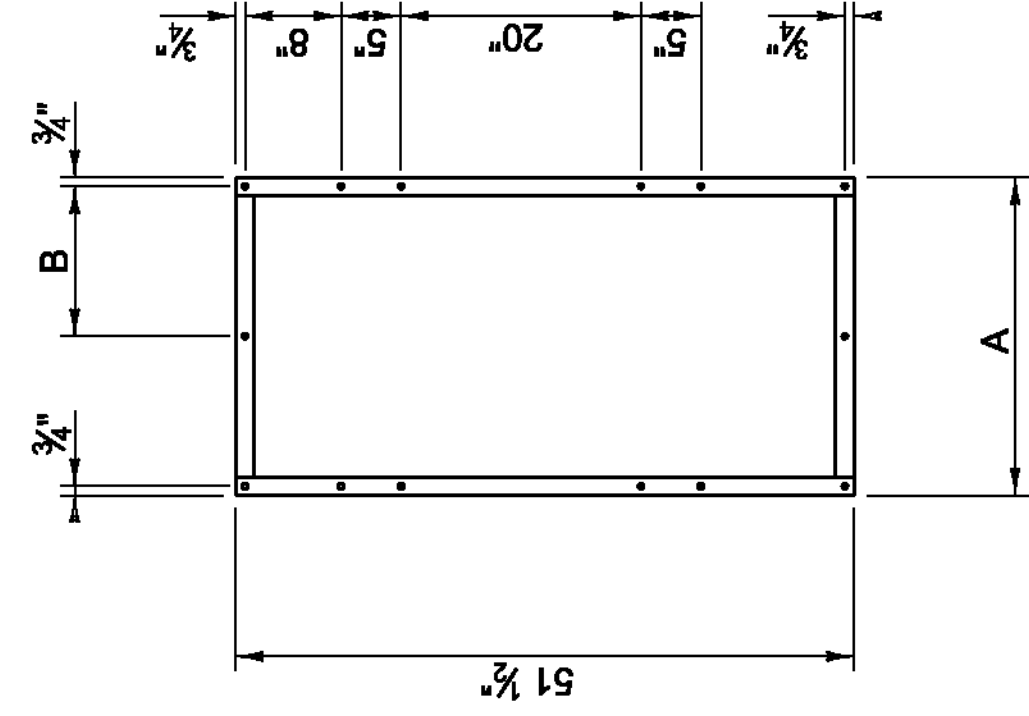
GENERAL SIGNING DETAIL

TYPE 1



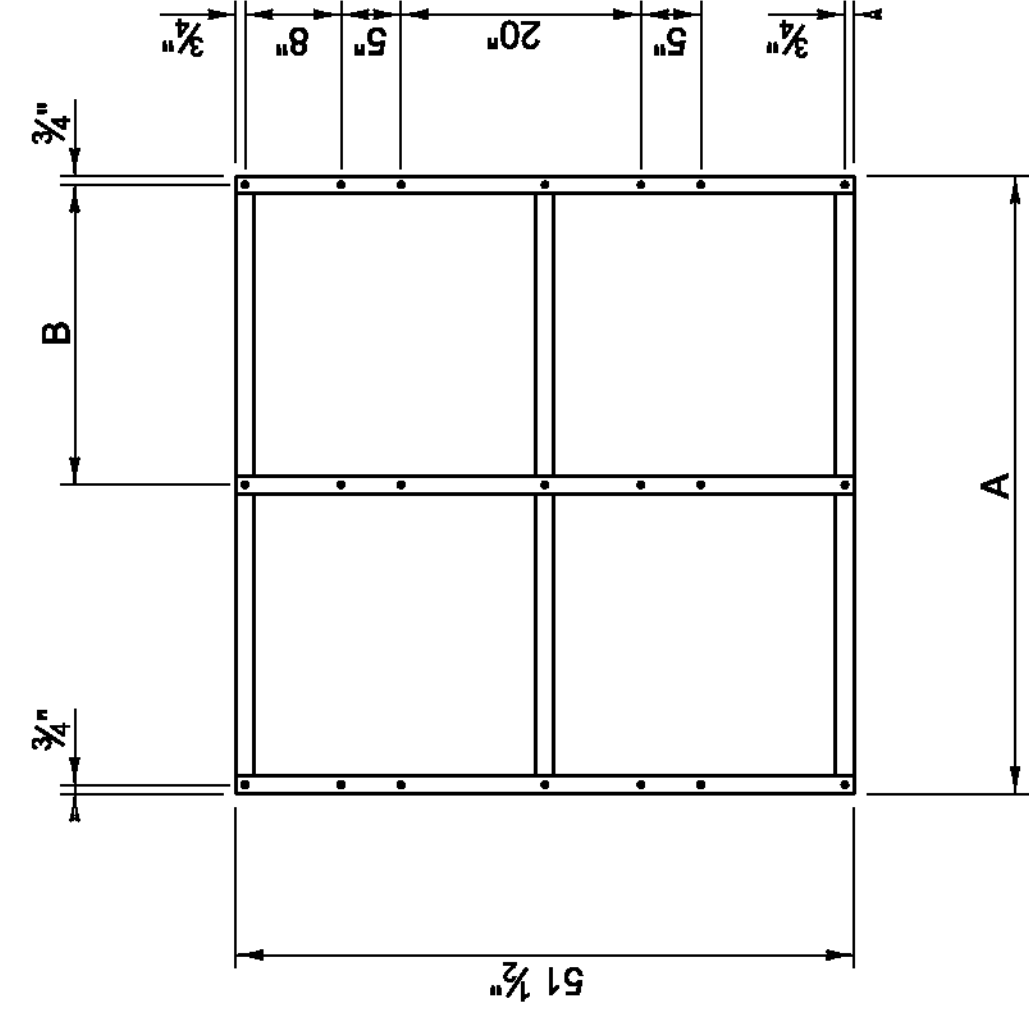
FRAME TYPE	A	B
1A	26 1/2"	12 1/2"
1B	29 1/2"	15 1/2"
1C	32 1/2"	15 1/2"

TYPE 2



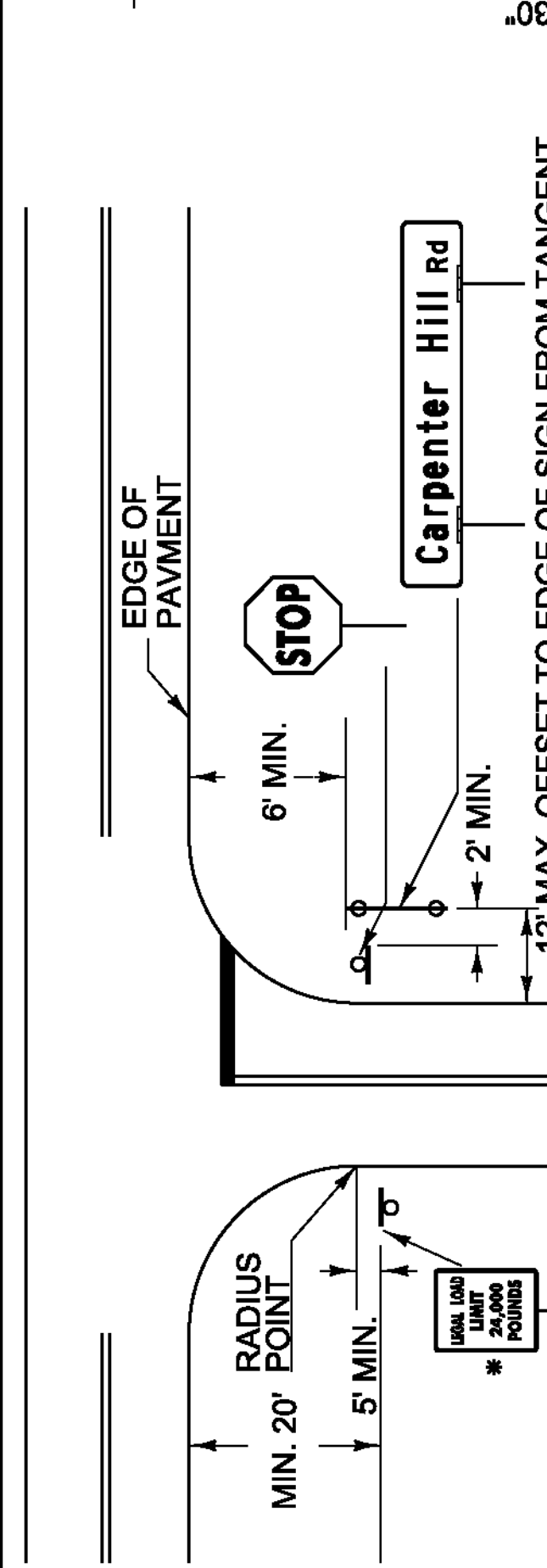
FRAME TYPE	A	B
2A	26 1/2"	12 1/2"
2B	29 1/2"	15 1/2"
2C	32 1/2"	15 1/2"

TYPE 3

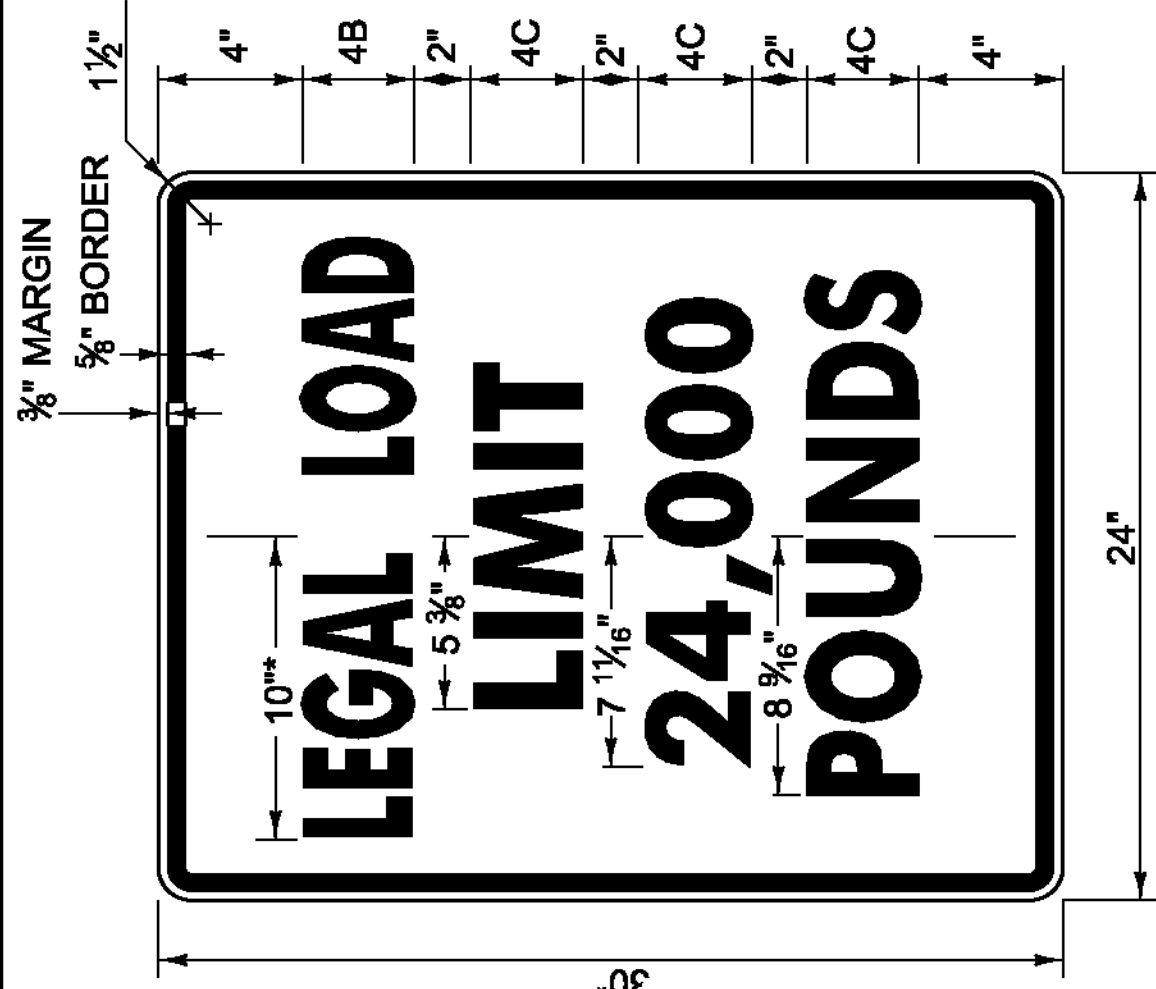


FRAME TYPE	A	B
3A	51 1/2"	25"
3B	54 1/2"	28"
3C	57 1/2"	28"
3D	63 1/2"	31"

ROUTE MARKER ASSEMBLY FRAMES



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



* REDUCE SPACING 50 %
LINE THREE ALTERNATE - **16,000**
1.500" RADIUS, 0.625" BORDER, 0.375" INDENT
COLORS: BLACK ON WHITE
TEXT STYLE: "LEGAL LOAD" B, "LIMIT" C;
"24,000" C; "POUNDS" C

VR-017

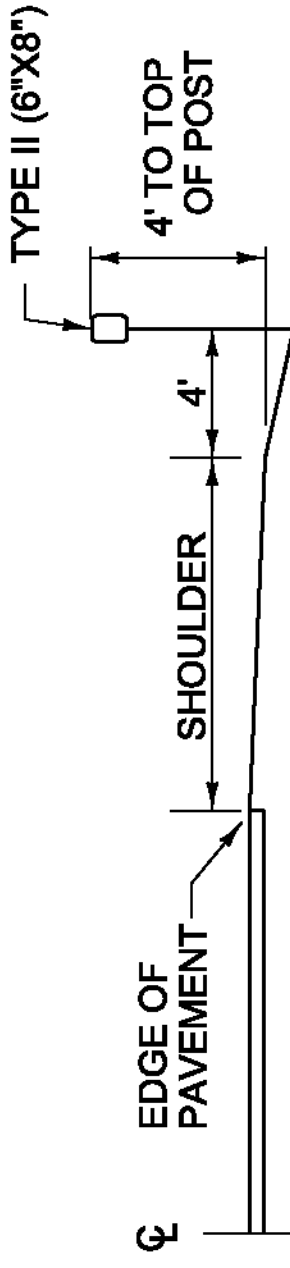
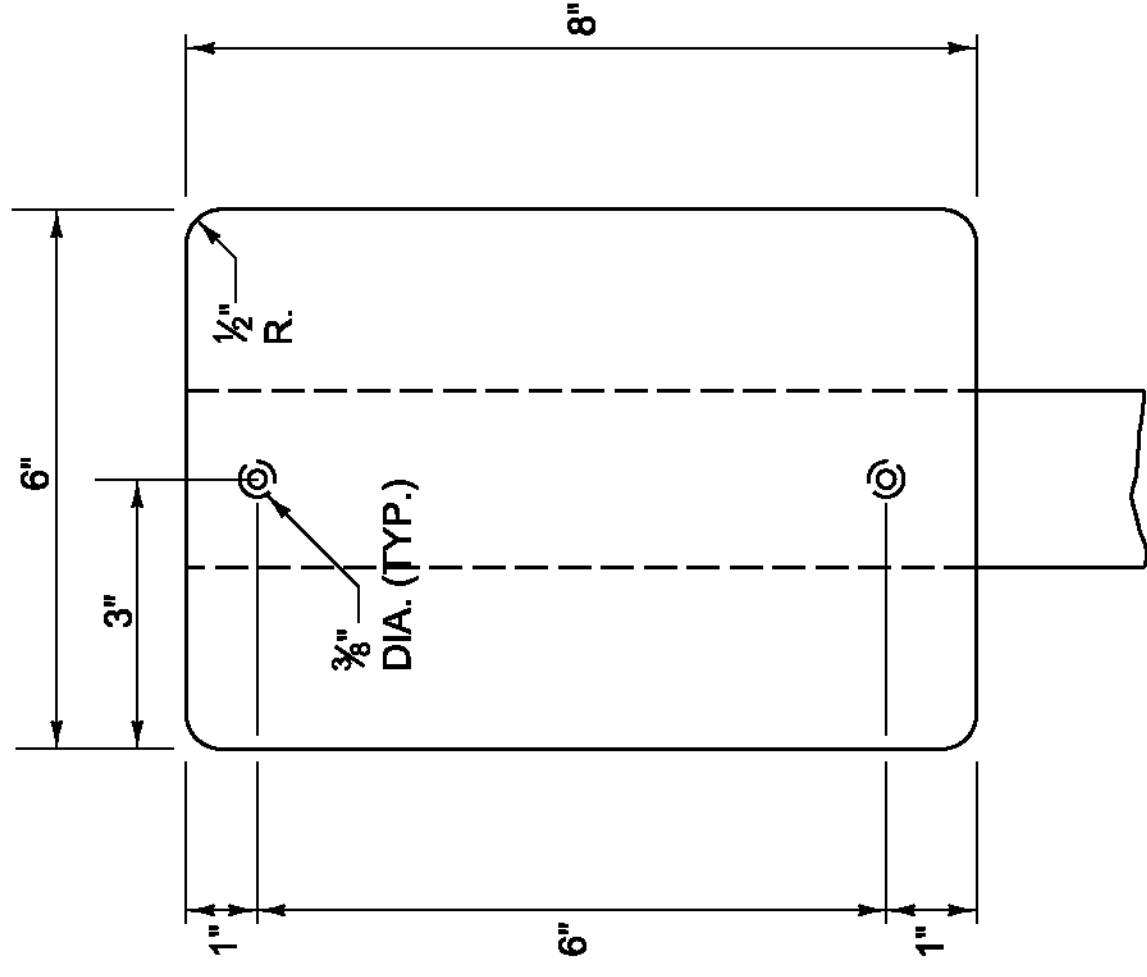
LEGAL LOAD LIMIT AND STOP SIGNS AT INTERSECTIONS WITH TOWN HIGHWAYS

TYPE II (6"X8") DELINEATOR

BACK-TO-BACK WHITE DELINEATORS WITH RETROREFLECTIVE SHEETING

NOTES:

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

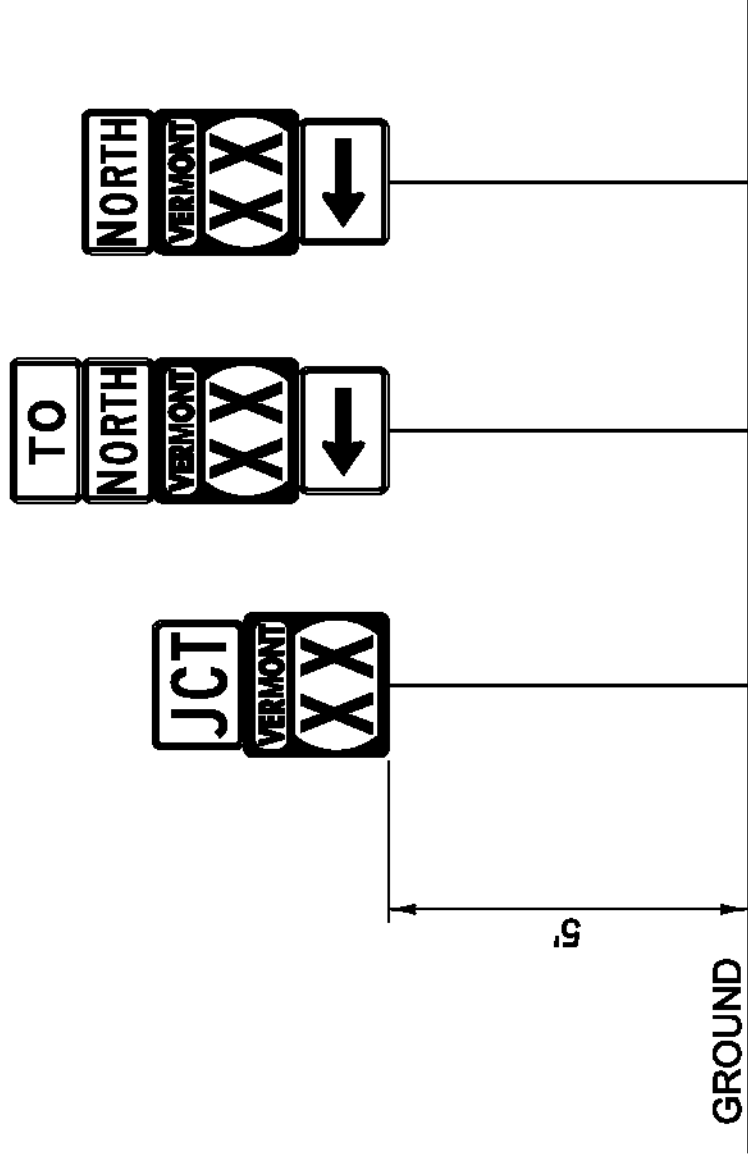


DELINEATOR PLACEMENT

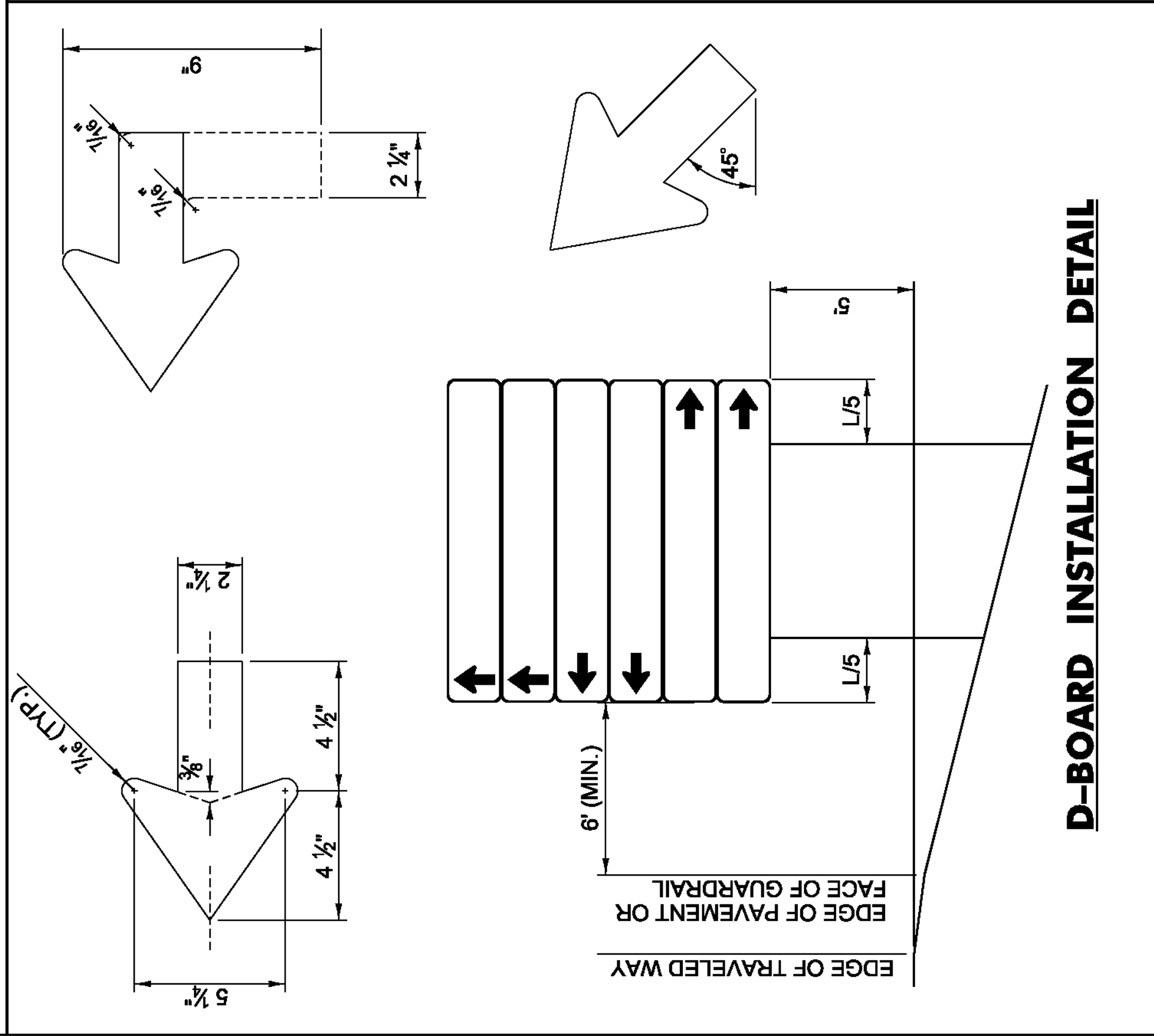
NOTES:

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.

GUIDE SIGN PLACEMENT DETAIL



DESTINATION BOARD DETAIL



D-BOARD INSTALLATION DETAIL

D-BOARD NOTES:

- SIGN SUBSTRATE MATERIAL SHALL BE ALUMINUM SHEETING 0.125 INCHES MINIMUM THICKNESS.
- ALL SIGNS SHALL BE 72 INCH BY 12 INCH WITH CORNERS ROUNDED TO A 1 1/2 INCH RADIUS, UNLESS OTHERWISE NOTED.
- SIGNS SHALL HAVE A 3/8 INCH WIDE BORDER ROUNDED TO A 1 1/2 INCH RADIUS.
- 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.
- LEGEND SHALL BE CENTERED VERTICALLY.
- LEGEND SHALL BE LOWER CASE WITH THE FIRST LETTERS CAPITALIZED.
- 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.
- SEQUENCE OF ARROWS TO BE AS SHOWN, TOP TO BOTTOM.
- SIGNS SHALL BE LIMITED TO TWO PER DIRECTION PER INSTALLATION WITH A MAXIMUM OF SIX SIGNS.
- ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

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

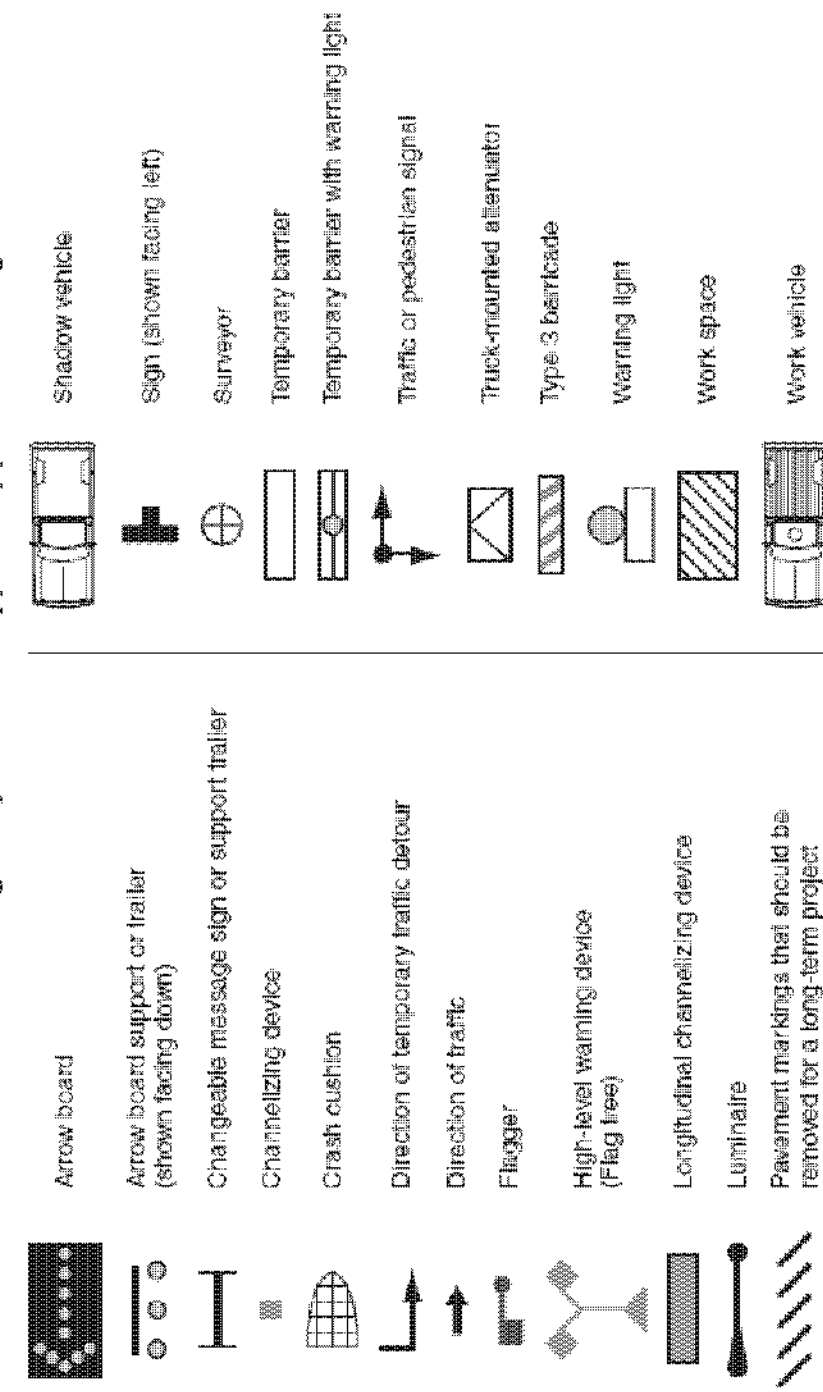


Figure 6E-3. Use of Hand-Signaling Devices by Flaggers
PREFERRED METHOD
STOP/SLOW Paddle
EMERGENCY SITUATIONS ONLY
Red Flag

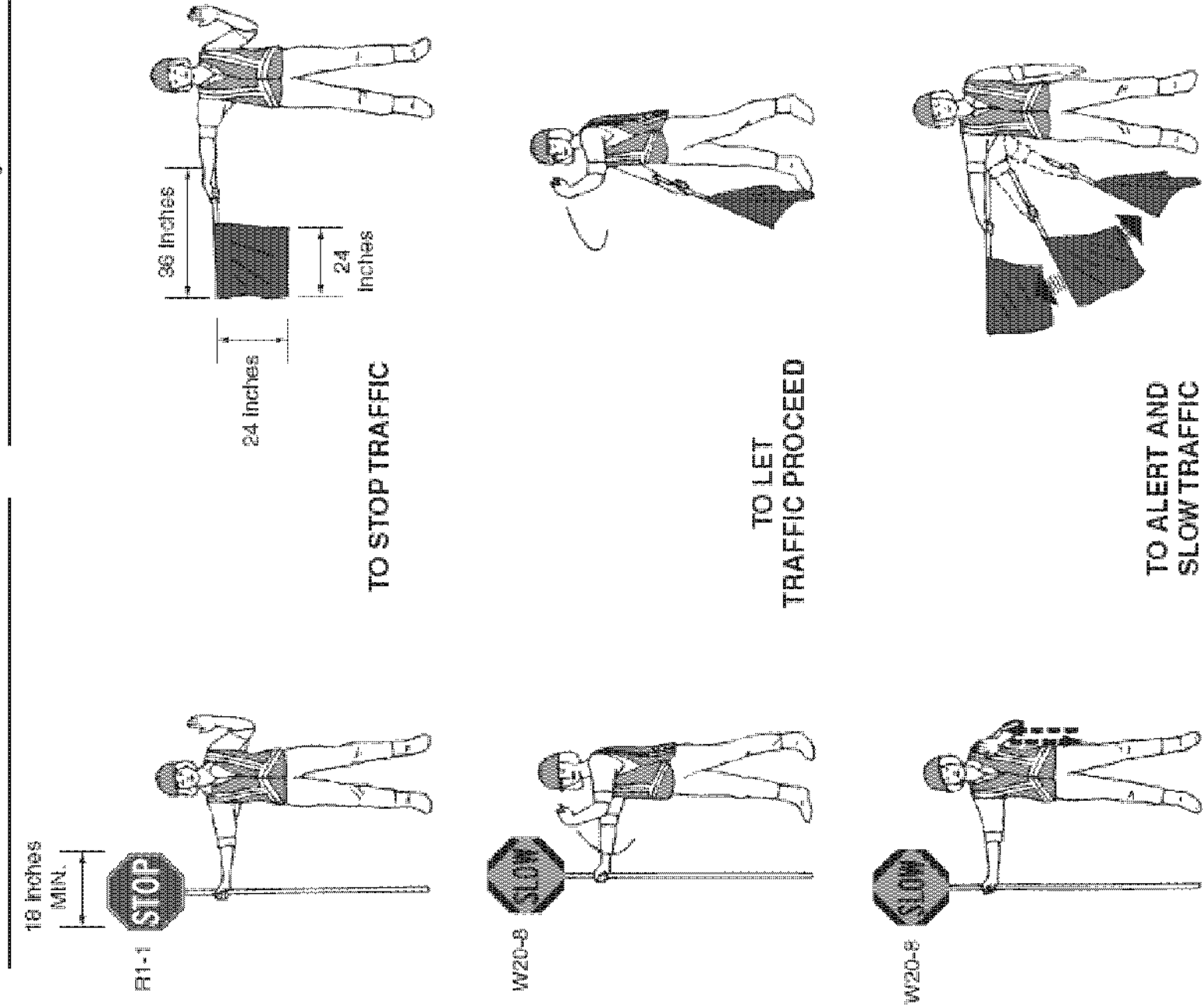
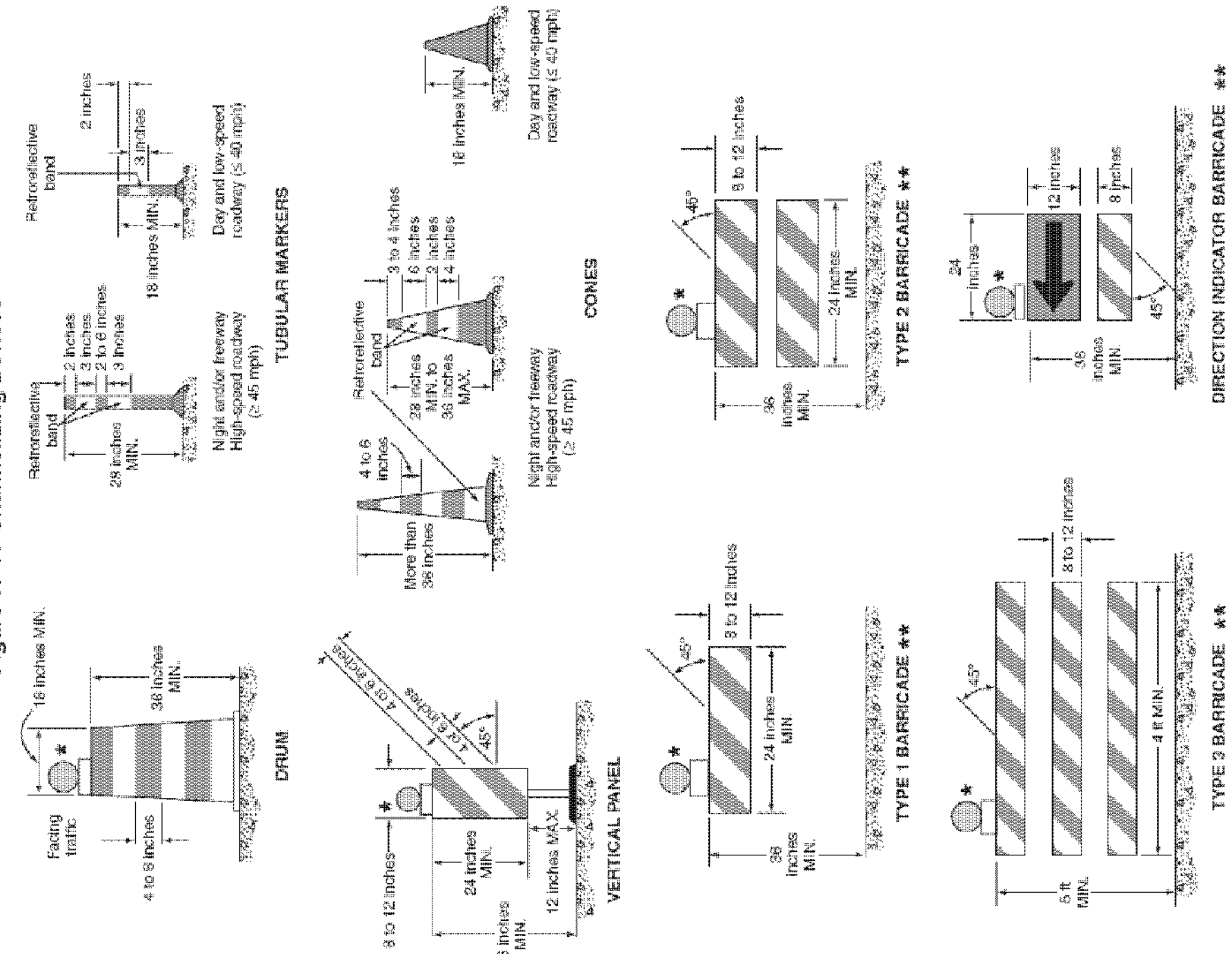


Figure 6F-7. Channelizing Devices



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

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

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

Note: Use Table 6C-4 to calculate L

Table 6C-4. Formulas for Determining
Taper Length

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

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

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

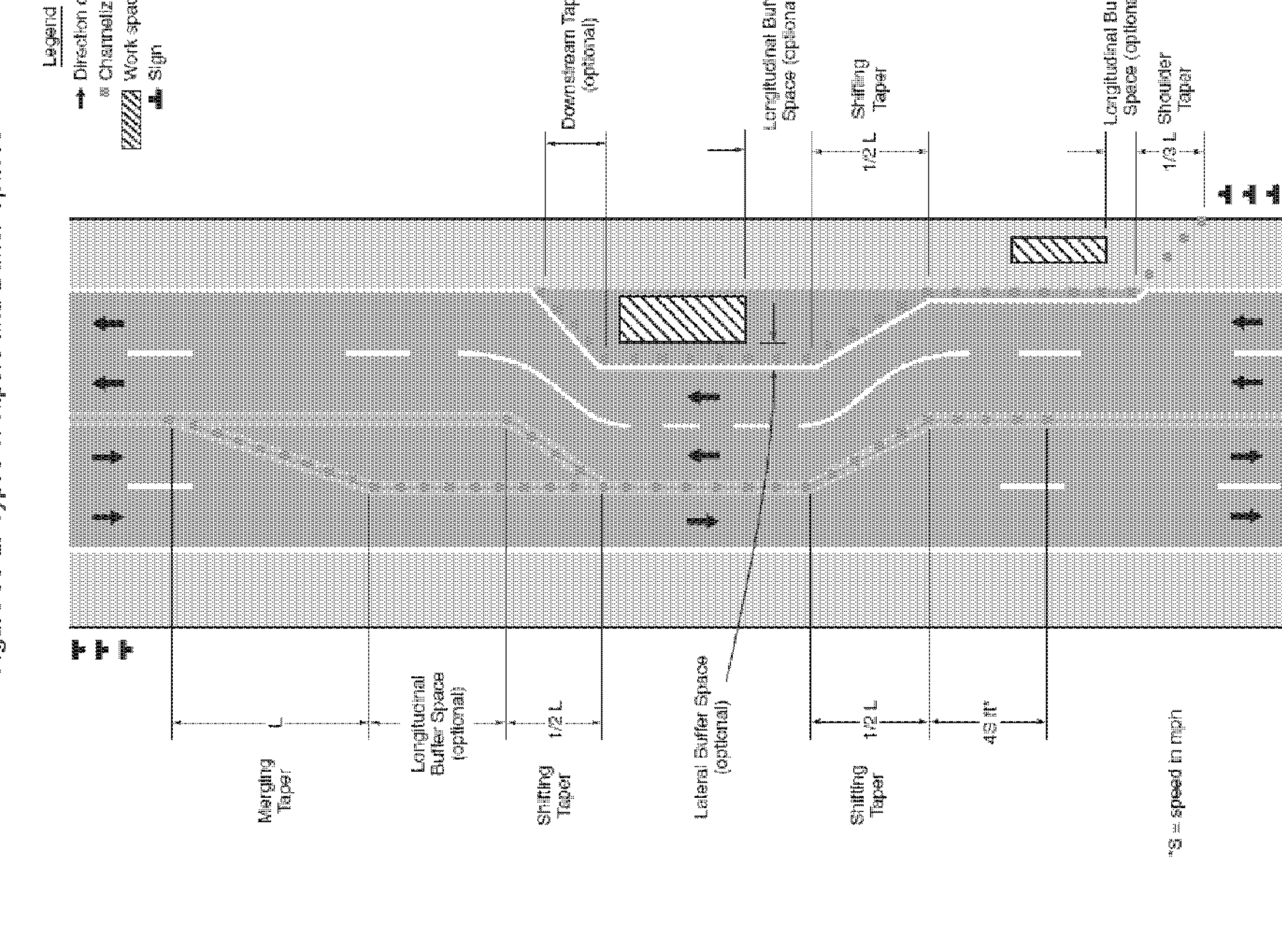


Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	A	B
Urban (low speed)*	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet
Rural	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 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 distance from the transition or point of restriction to the first sign. The B dimension is the distance between the second and third signs. The C dimension is the distance between the second and third signs. The "first" three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream.

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)

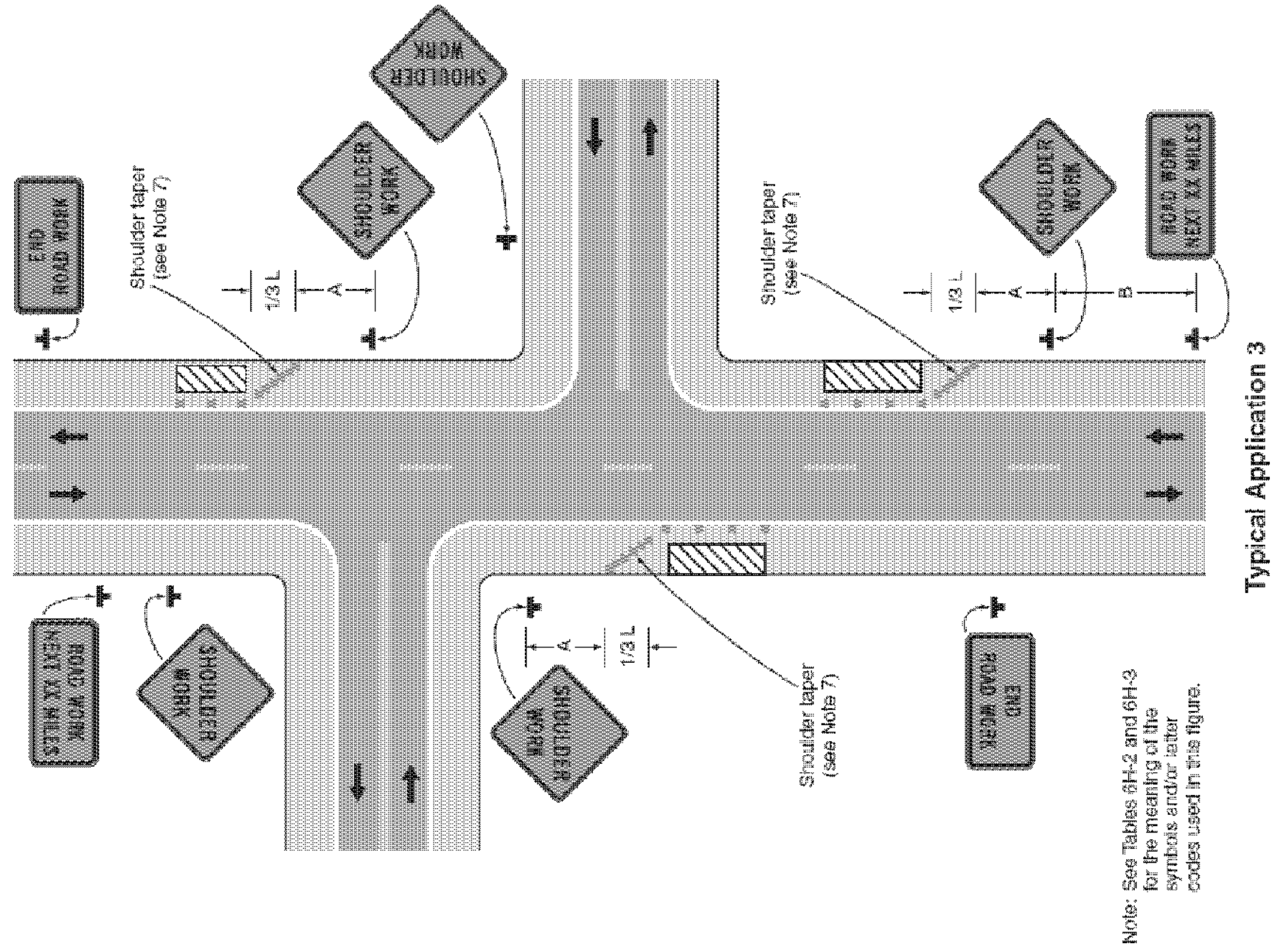


Figure 6H-4. Short-Duration or Mobile Operation on a Shoulder (TA-4)

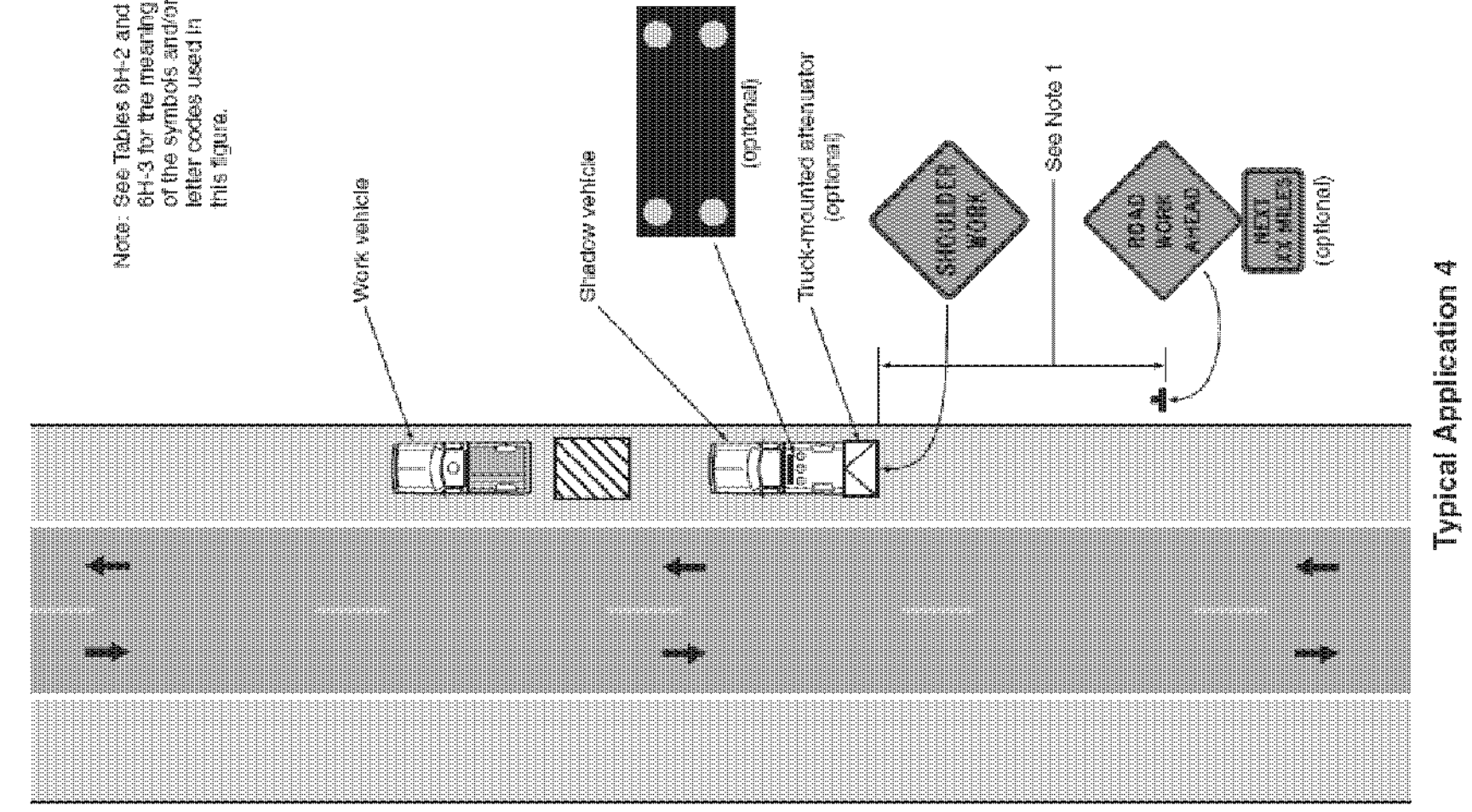
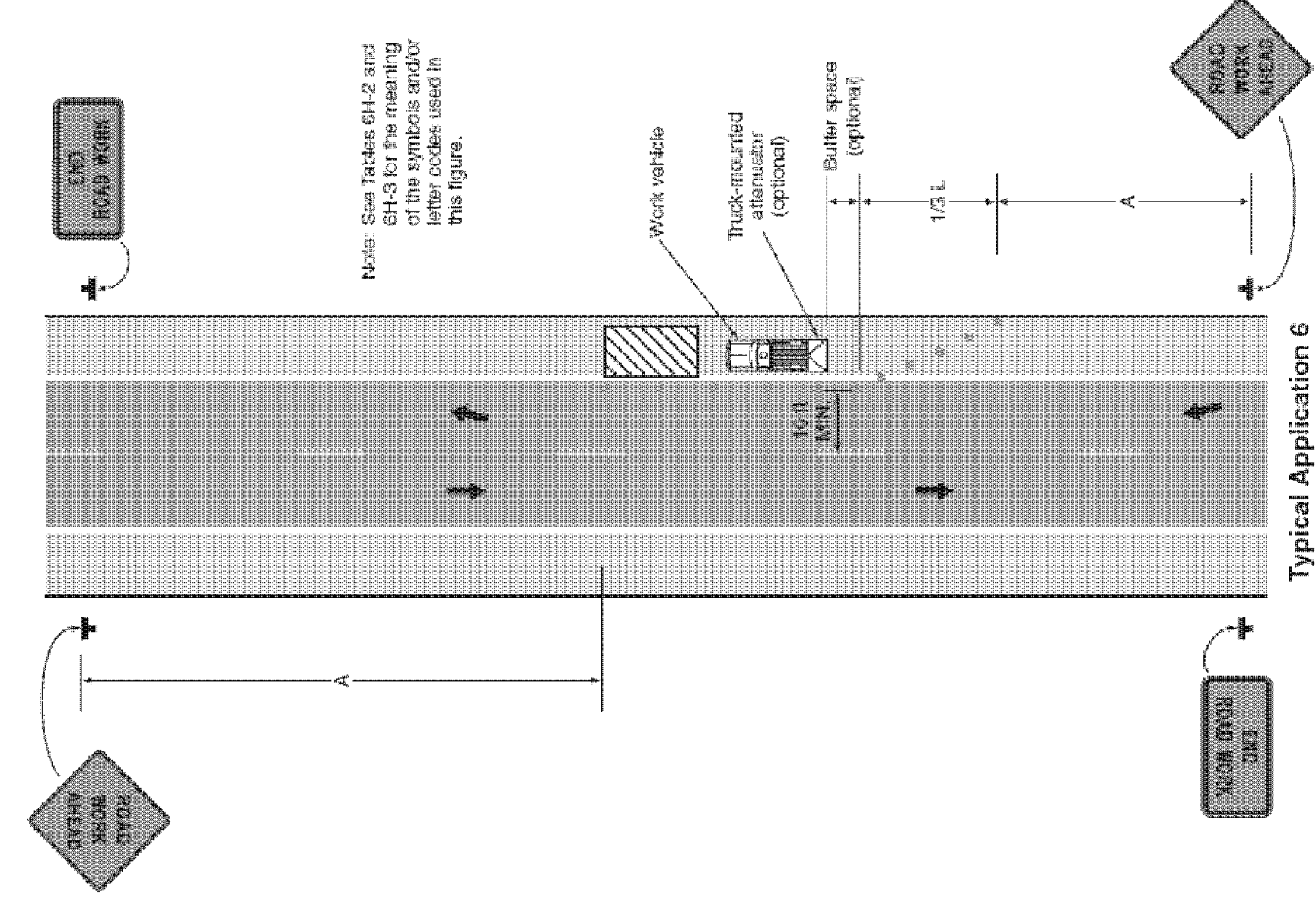
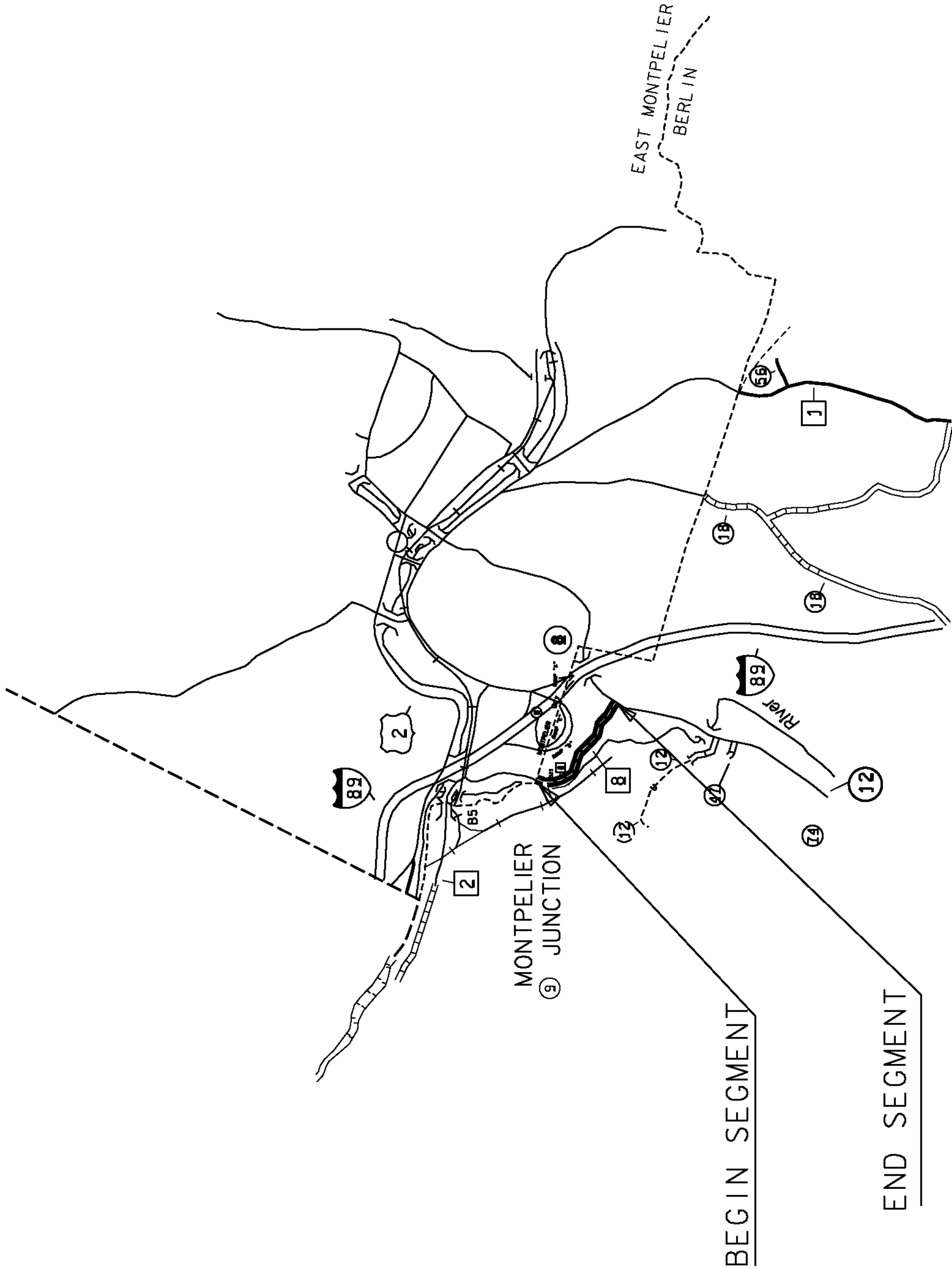


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)

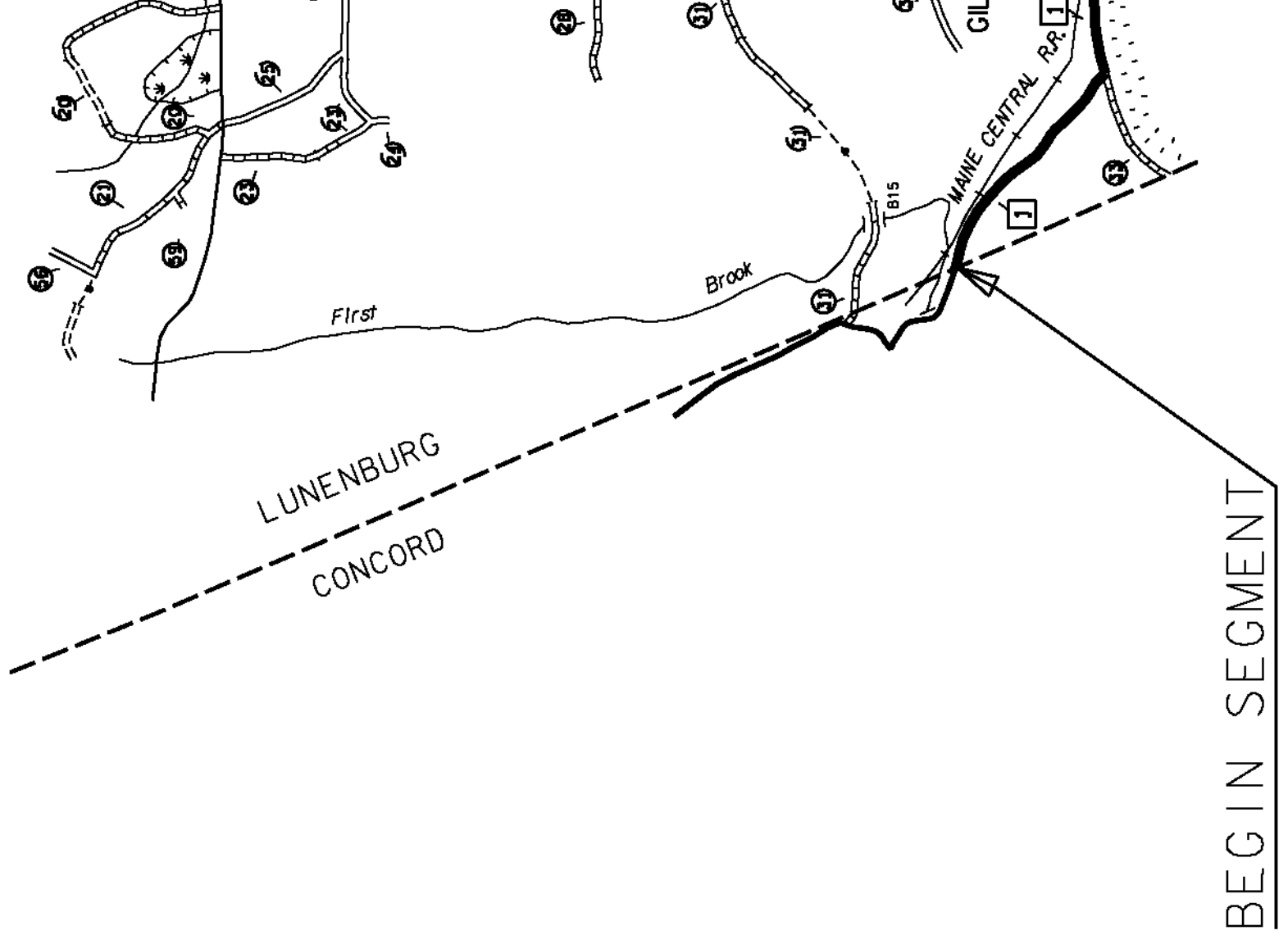


BERLIN



WORK TO BEGIN AT THE TOWN LINE OF MONTEPELIER AND BERLIN ON DOG RIVER ROAD (TH-8) IN THE TOWN OF BERLIN, DESIGNATING THIS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG DOG RIVER ROAD (TH-8) FOR A DISTANCE OF 0.680 MILES TO A POINT 0.089 MILES EAST OF POLE 2/GMP/27501 (MM 0.591) TO END THIS SEGMENT OF THE PROJECT.

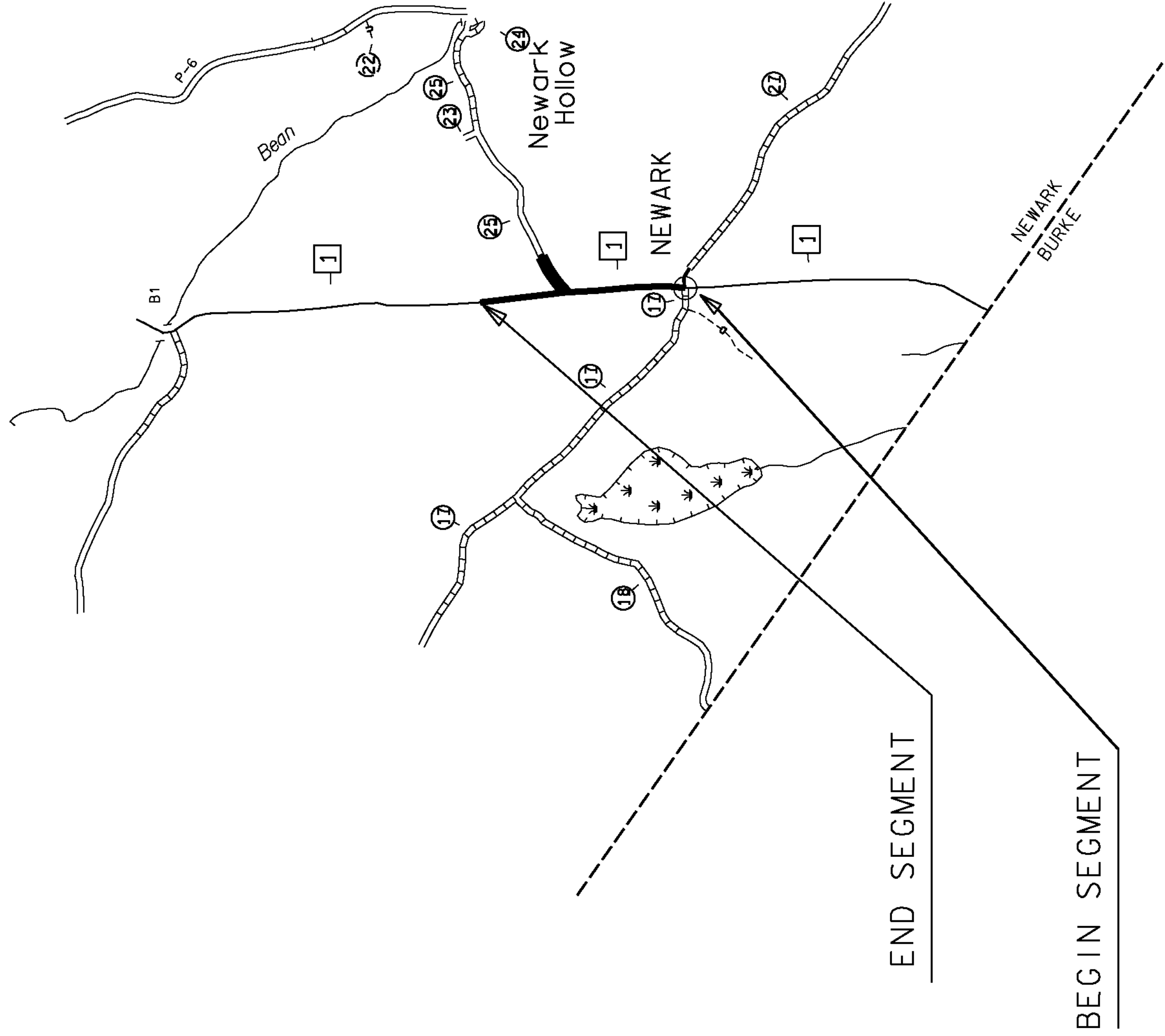
L



WORK TO BEGIN AT THE TOWN LINE OF LUNENBURG AND CONCORD ON SOUTH RIVER ROAD (TH-1) DESIGNATING THIS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG SOUTH RIVER ROAD (TH-1) FOR A DISTANCE OF 7.100 MILES TO A POINT 0.089 MILES EAST OF POLE 2/GMP/27501 (MM 0.591) TO END THIS SEGMENT OF THE PROJECT.

ALSO WORK TO BEGIN AT THE TOWN LINE OF LUNENBURG AND CONCORD ON SOUTH RIVER ROAD (TH-1) DESIGNATING THIS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG SOUTH RIVER ROAD (TH-1) FOR A DISTANCE OF 7.100 MILES TO A POINT 0.089 MILES EAST OF POLE 2/GMP/27501 (MM 0.591) TO END THIS SEGMENT OF THE PROJECT.

NEWARK

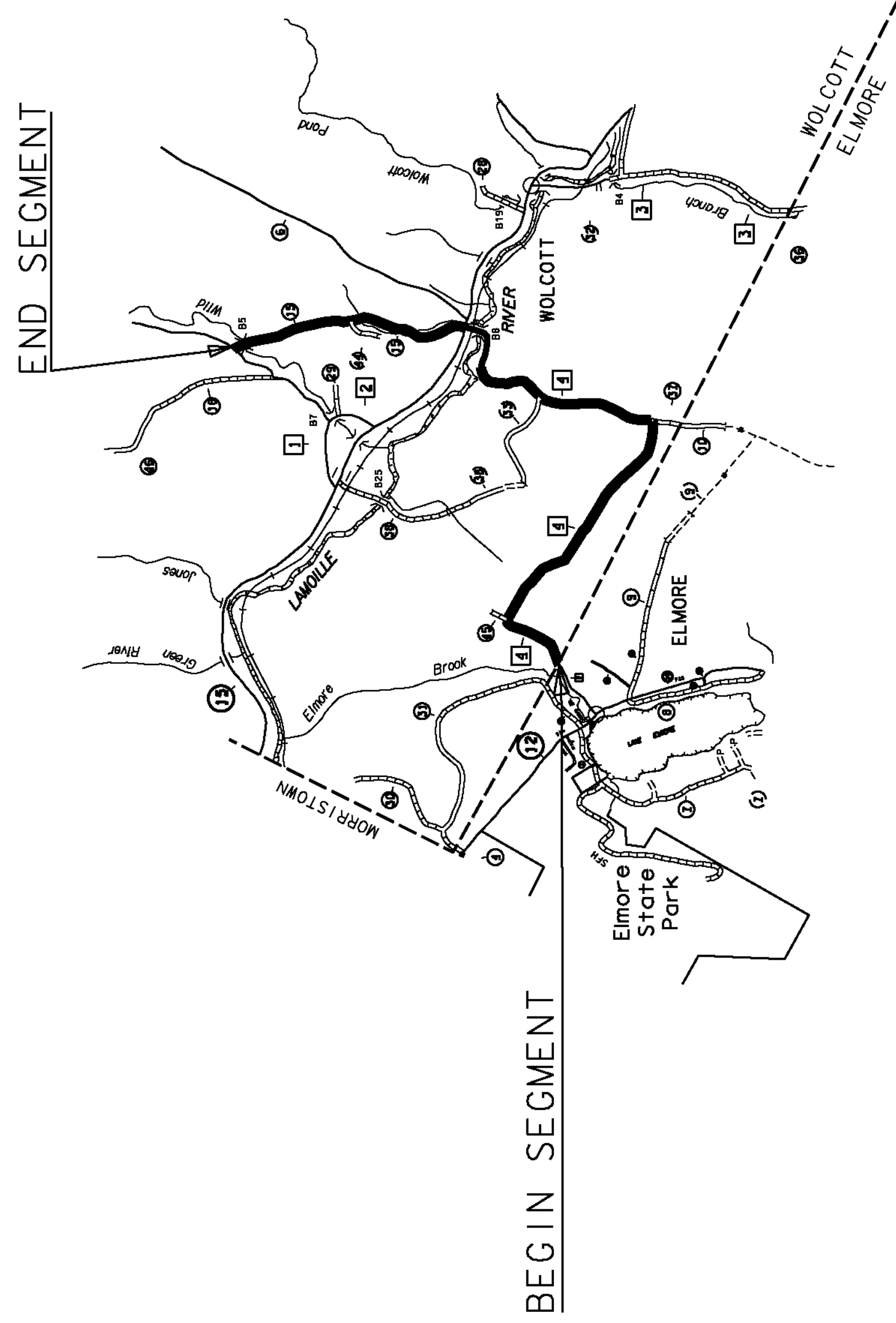


WORK TO BEGIN AT THE INTERSECTION OF NEWARK STREET (TH-1) AND SCHOOLHOUSE ROAD (TH-17) AT MM 1.260 AND CONTINUING NORTHERLY ALONG NEWARK STREET (TH-1) 0.574 MILES TO POLE #88 /134 (MM1.834) TO END THIS SEGMENT OF THE PROJECT.

ALSO WORK TO BEGIN AT THE INTERSECTION OF NEWARK STREET (TH-1) AND HOLLOW ROAD (TH-25) DESIGNATING WHERE THE CENTER OF THESE ROADS INTERSECTS AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG HOLLOW ROAD (TH-25) FOR A DISTANCE OF 0.070 MILES TO A POINT 0.024 MILES EAST OF POLE # NET/618 /1 (MM 0.046) TO END THIS SEGMENT OF THE PROJECT.

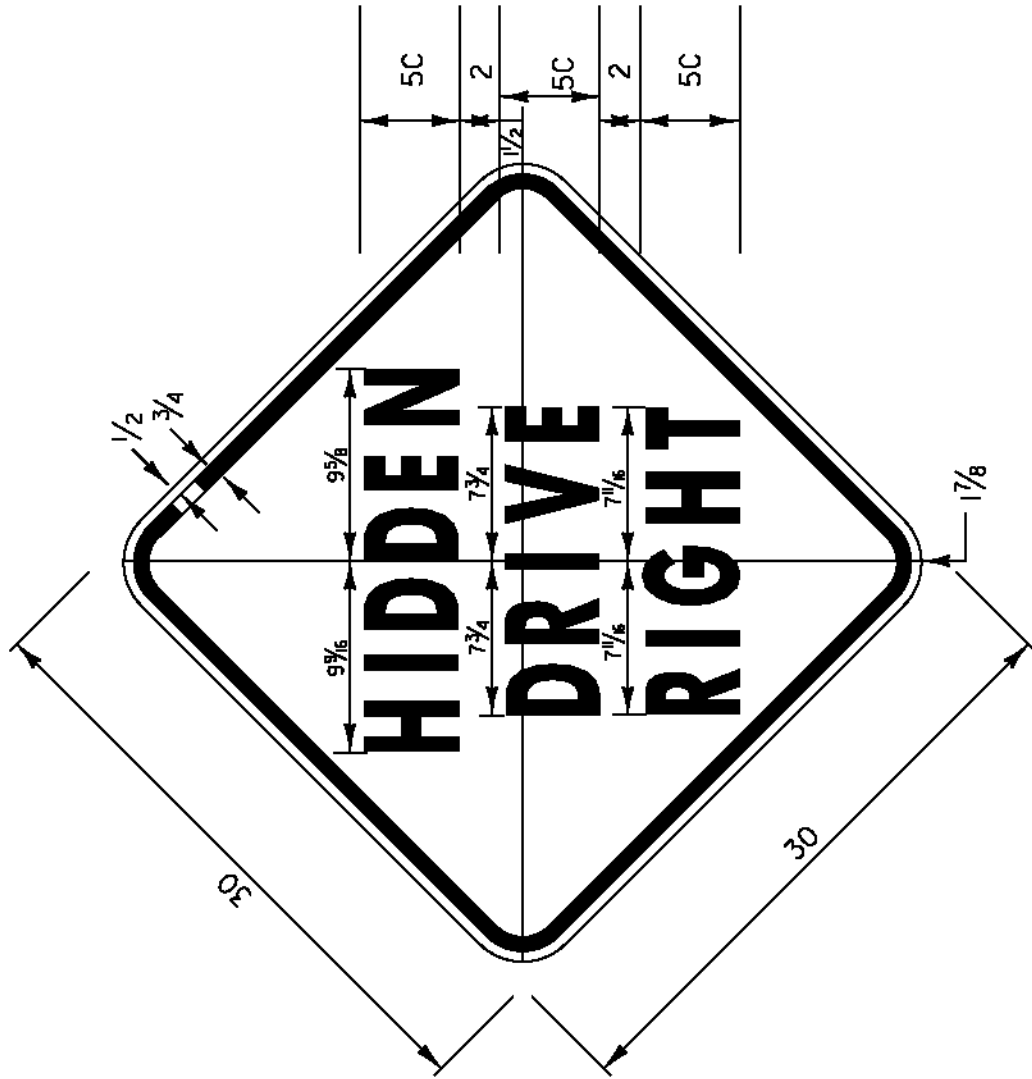
BEGINNING AT THE INTERSECTION OF SCOTCH HOLLOW ROAD DESIGNATED AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG LEIGHTON HILL TO A POINT 0.093 MILES NORTHERLY (MM 4.533) TO END THIS SEGMENT OF THE PROJECT.

WOLCOTT



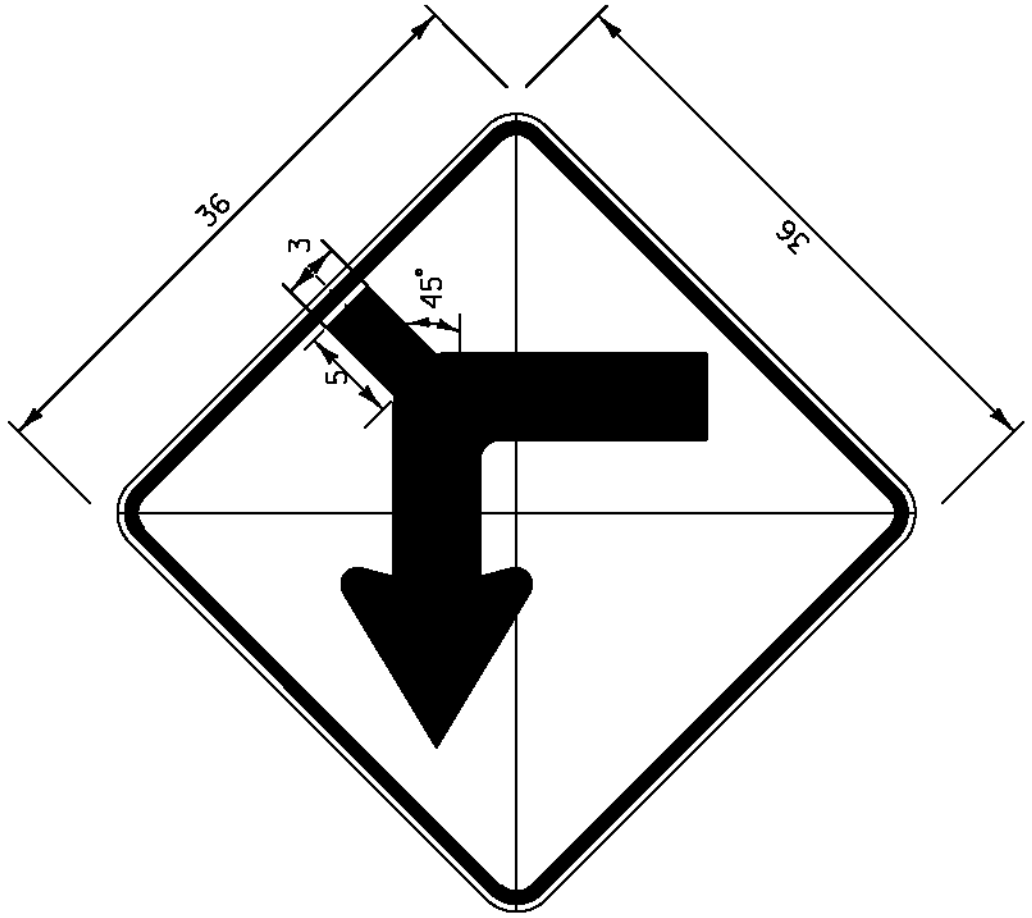
WORK TO BEGIN AT THE TOWN LINE OF WOLCOTT AND ELMORE IN THE TOWN OF WOLCOTT, DESIGNATING THIS POINT AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG ELMORE POND ROAD (TH-4) FOR A DISTANCE OF 3.402 MILES TO THE INTERSECTION OF ELMORE POND ROAD AND RTE 15 TO END THIS SEGMENT OF THE PROJECT.

ALSO WORK TO BEGIN AT MILE MARKER 3.410 EXTENDING NORTHERLY ALONG GULF ROAD (TH-15) AND TRAVELING FOR A DISTANCE OF 1.481 MILES TO A POINT 32' NORTH OF POLE # 38-3/ 1 (MM 4.891) TO END THIS SEGMENT OF THE PROJECT.



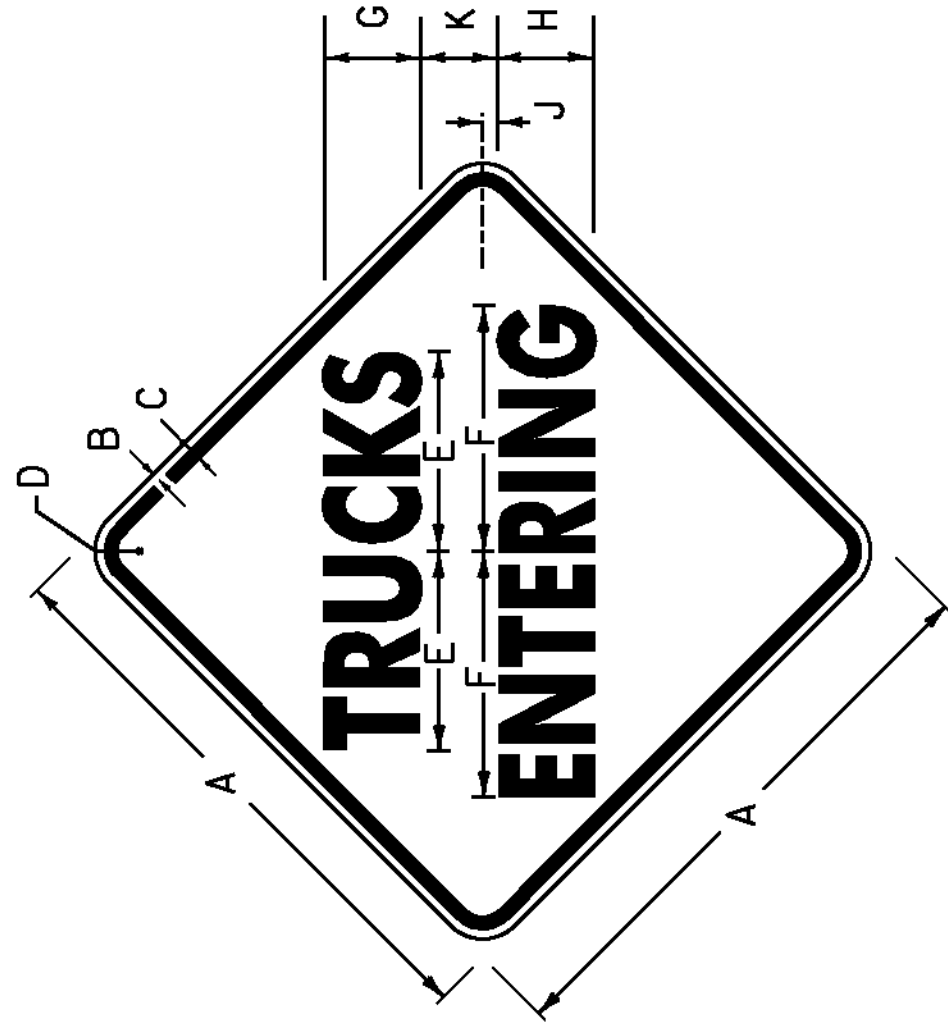
1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

VW-054



DIMENSIONS NOT SHOWN
FOR THIS DETAIL SHALL CONFORM
TO THE LATEST EDITION OF THE 2009 MUTCD
FOR SIGN DETAIL W1-1,
UNLESS OTHERWISE NOTED FOR THIS DETAIL

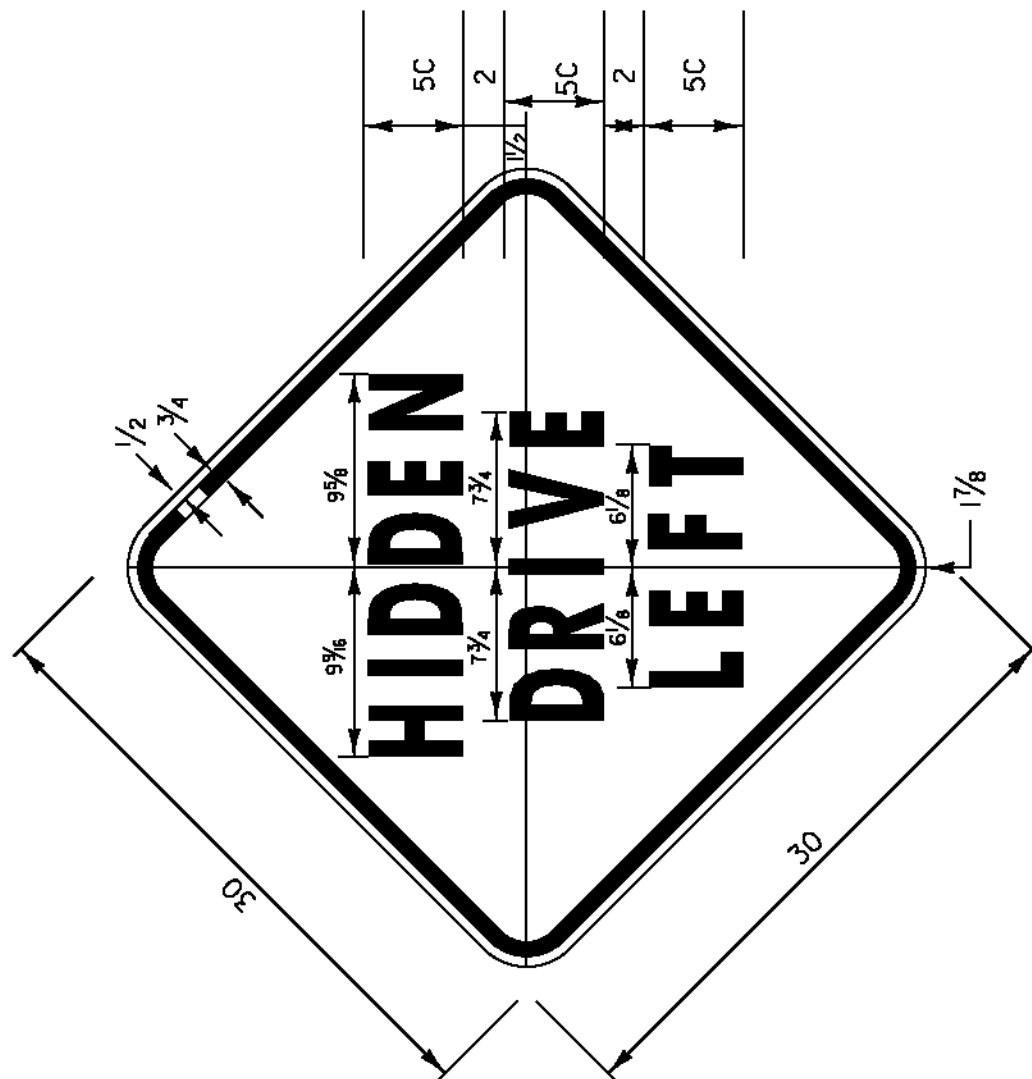
W1-1Md L(R)



VW-202

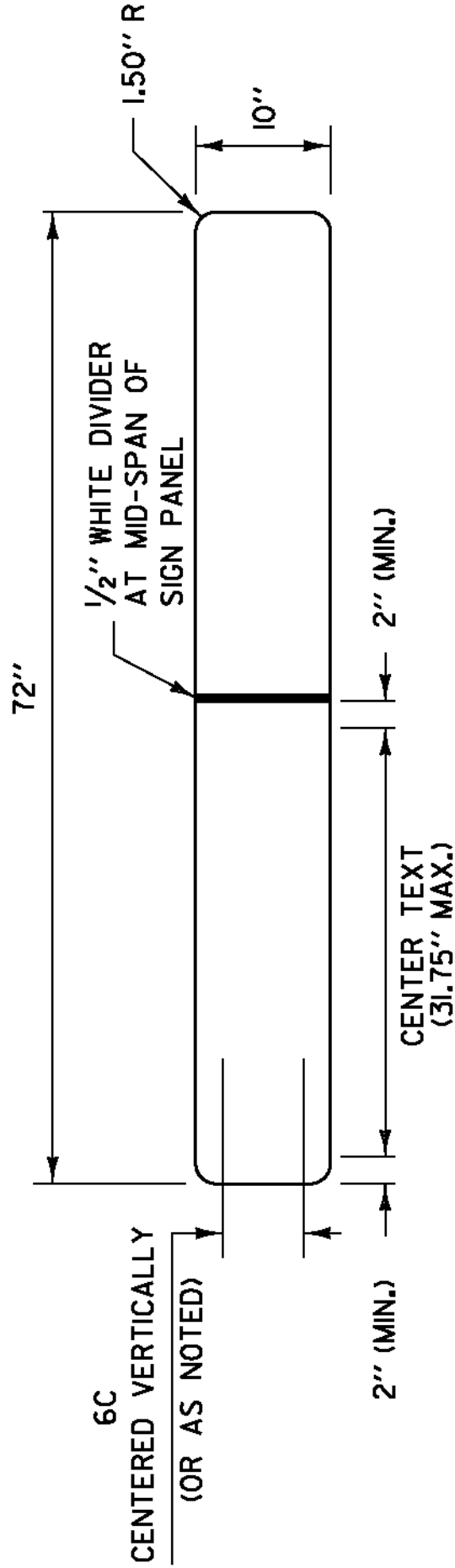
SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K		
MIN	30	1/2	3/4	1 7/8	14 7/8	6 1/8	5C	5C	3/4	4		
STD	36	5/8	7/8	2 1/4	17 3/8	8	6C	6C	7/8	4 7/8		
SPECIAL	48	3/4	1 1/4	3	23 3/8	10 1/8	8B	8C	1 5/8	6 3/8		

NOTE:
D SIGNS WILL

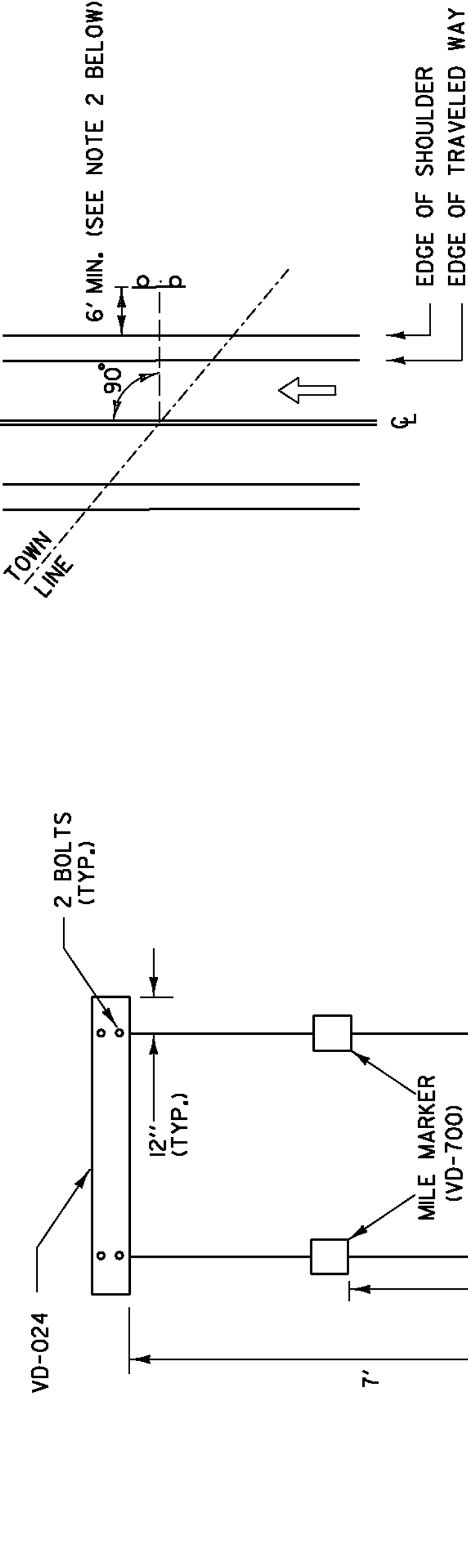


1.875" RADIUS, 0.75" BORDER, 0.50" INDENT
COLORS: LEGEND - BLACK
BACKGROUND - YELLOW
TEXT STYLE: C

VW-133

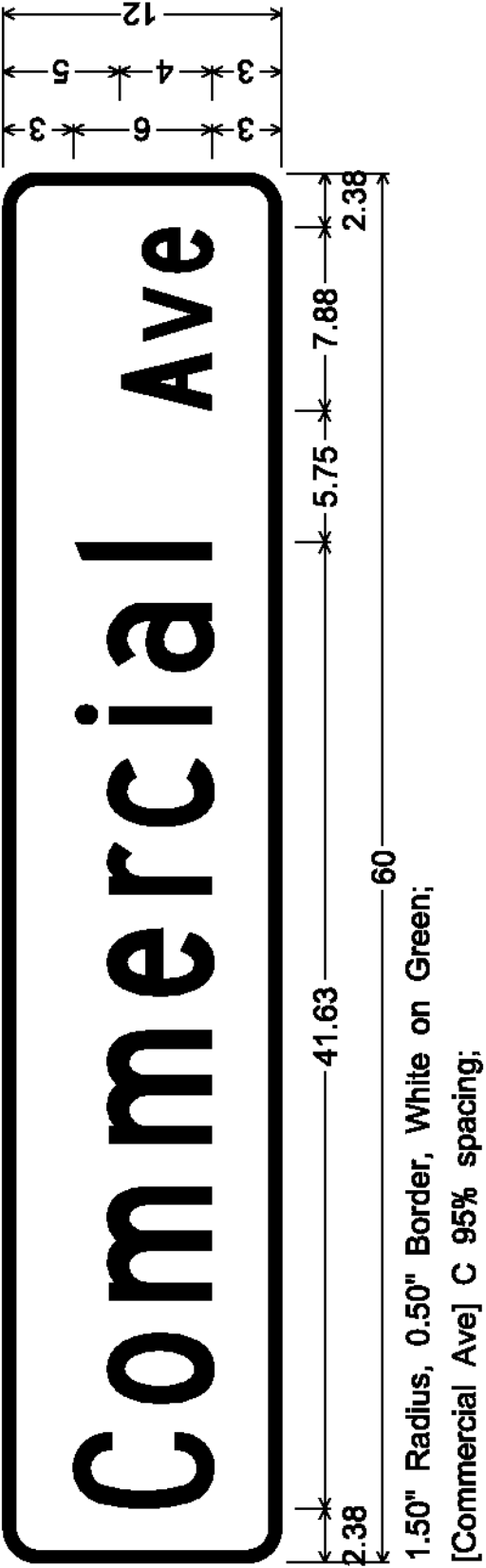


VD-024 / VD-025

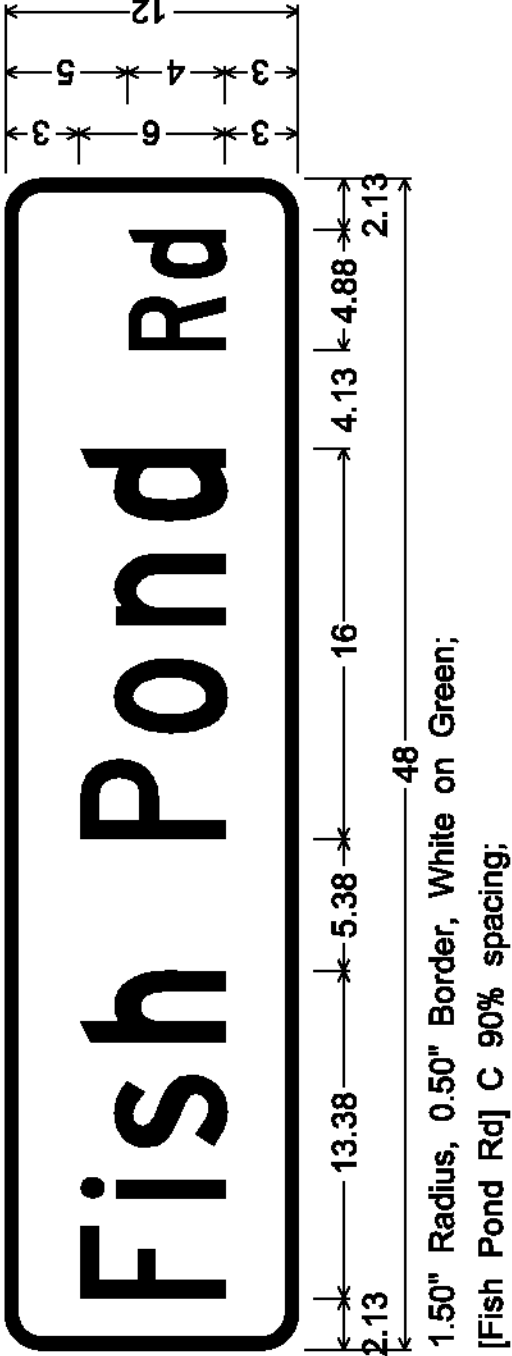


TOWN /COUNTY LINE (VD-024 /VD-025) INSTALLATION:

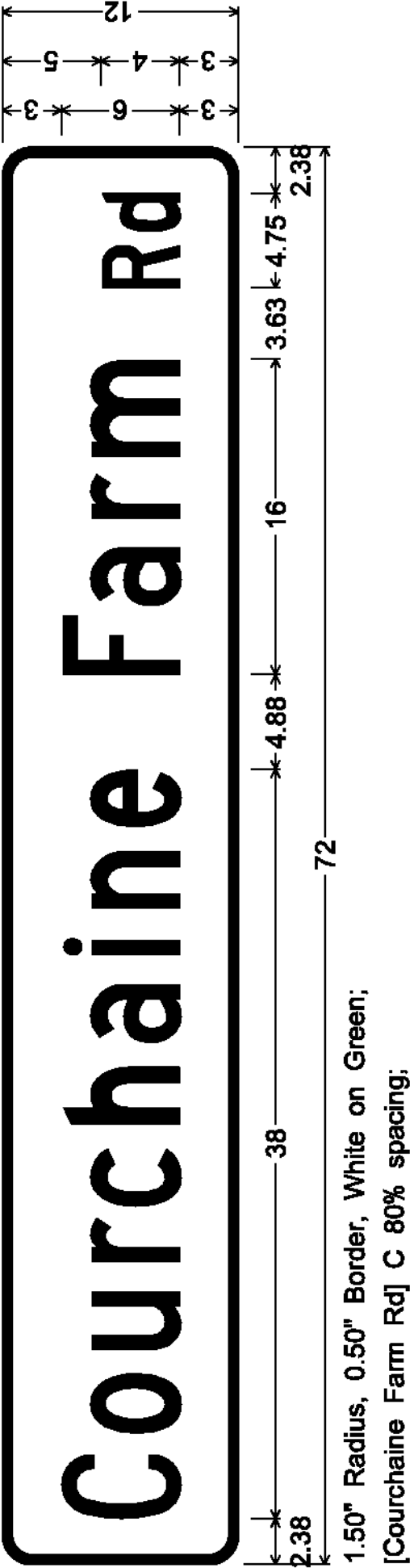
1. THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY,
NORMALLY ON THE RIGHT SIDE TRAVELING WEST TO EAST OR
SOUTH TO NORTH.
2. FOR POST-MOUNTED SIGNS, THE MINIMUM LATERAL OFFSET SHOULD
BE 12 FEET FROM THE EDGE OF THE TRAVELED WAY, IF A SHOULDER
WIDER THAN 6 FEET EXISTS, THE MINIMUM LATERAL OFFSET FOR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



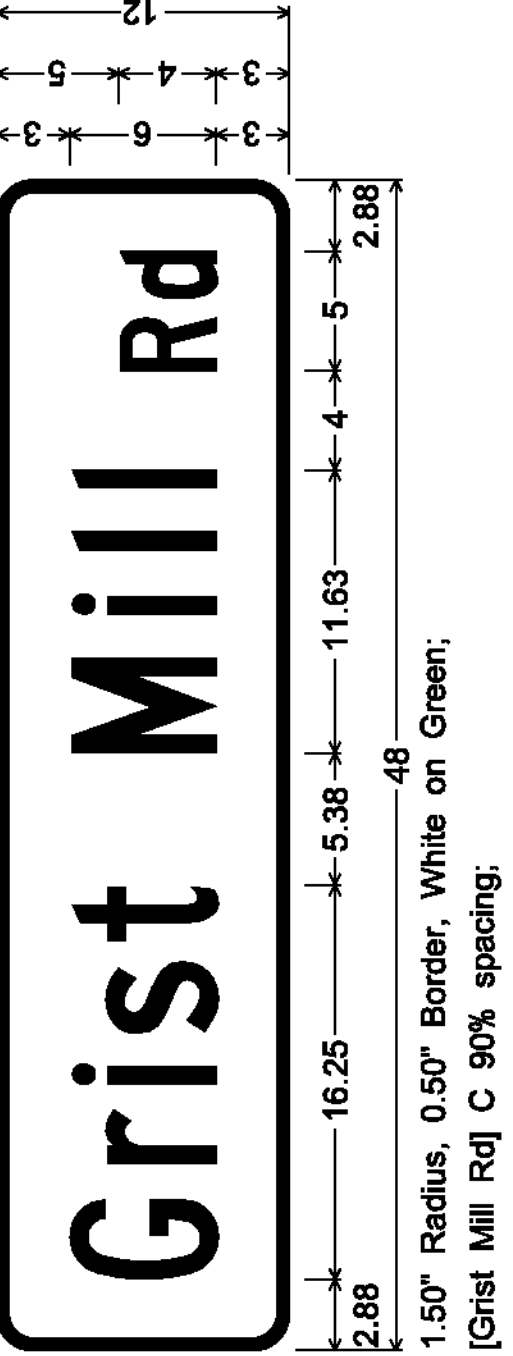
D3-1



D3-1



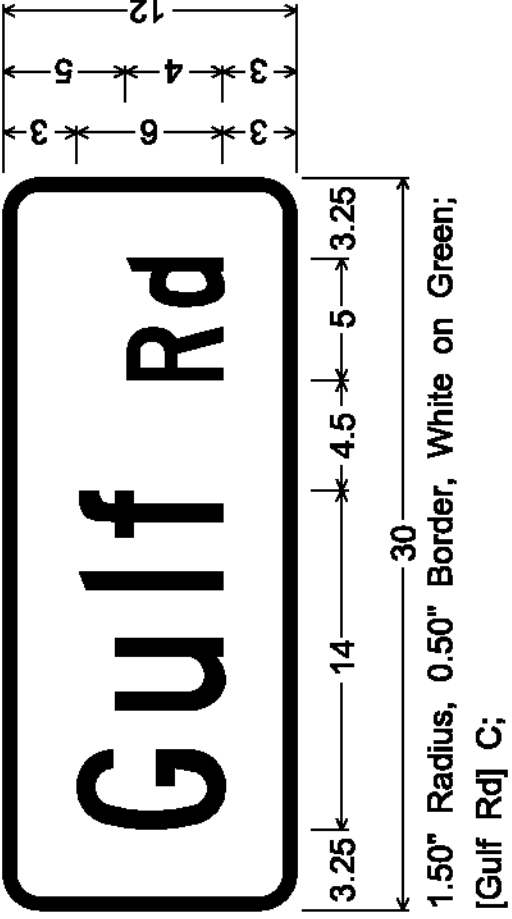
D3-1



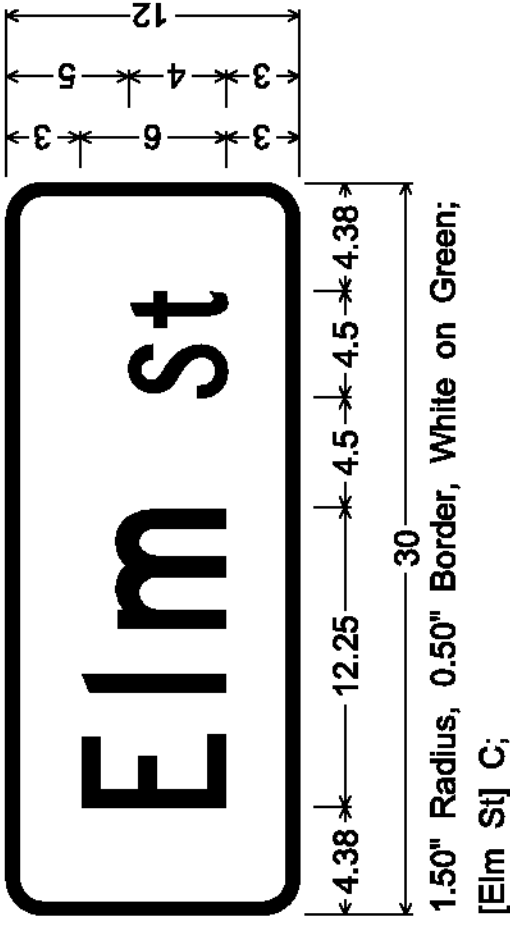
D3-1



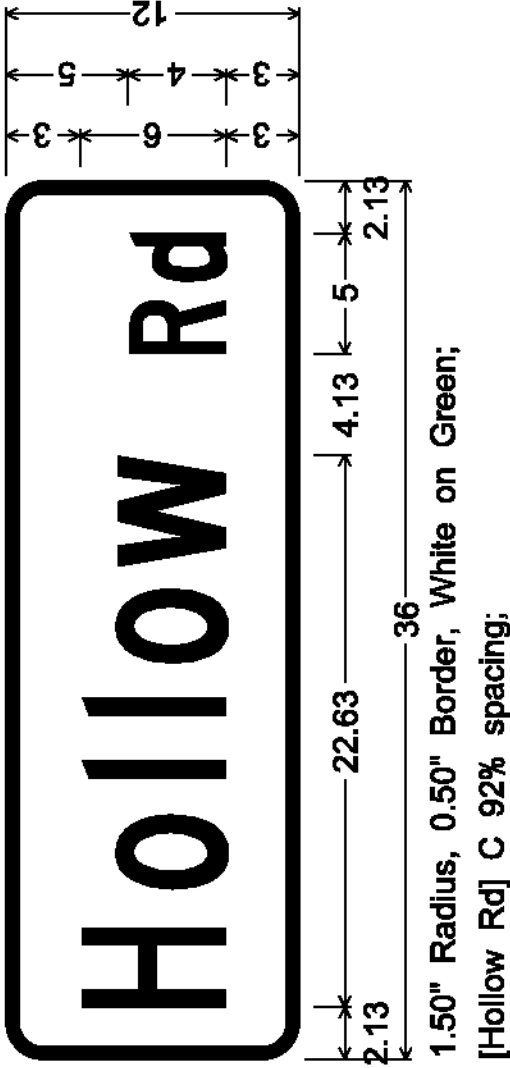
D3-1



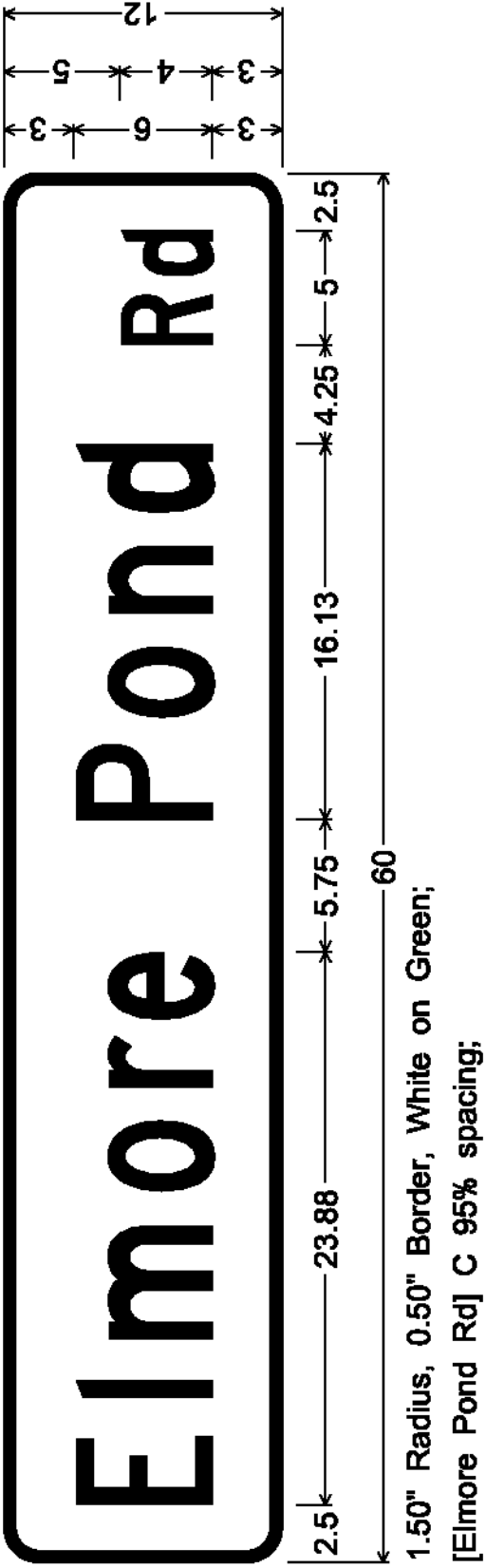
D3-1



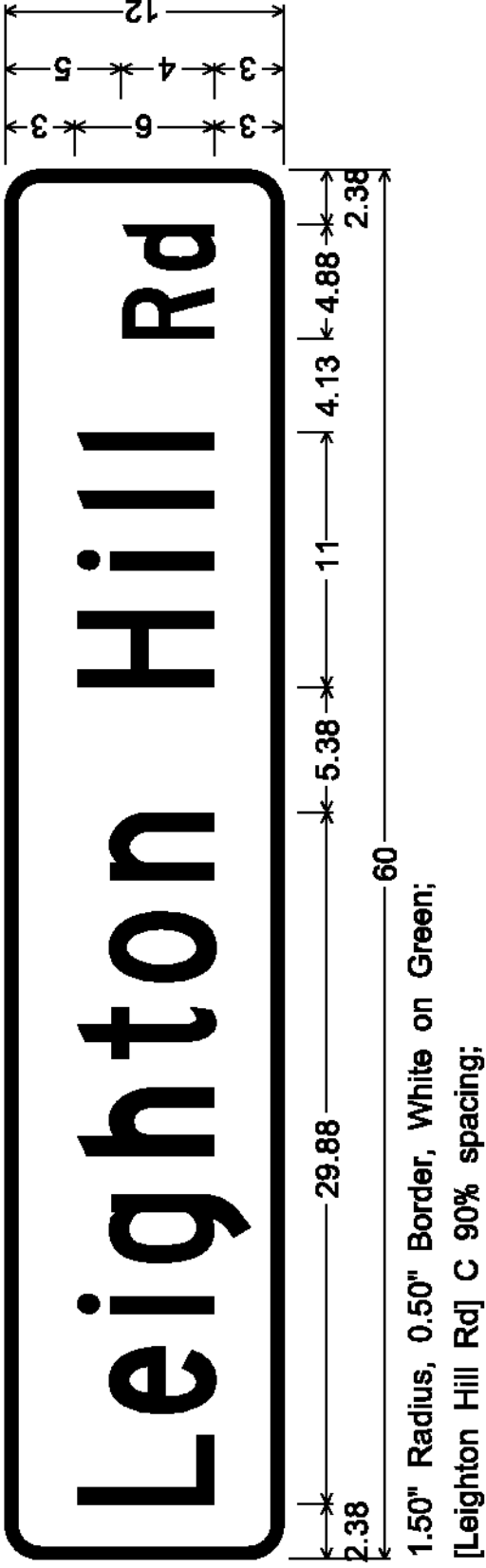
D3-1



D3-1

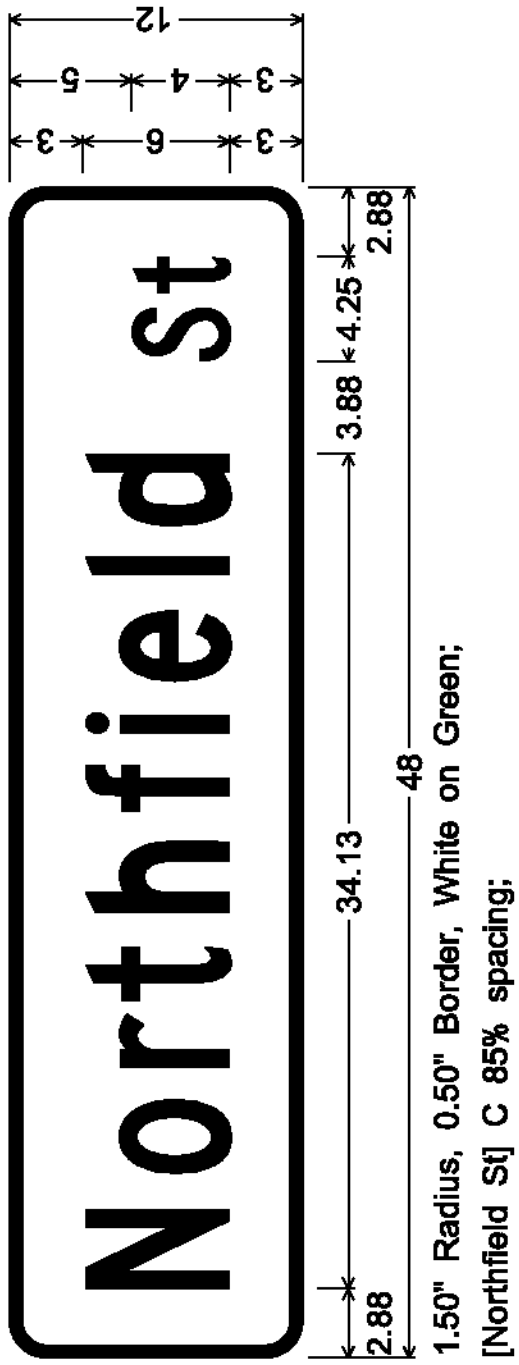


D3-1

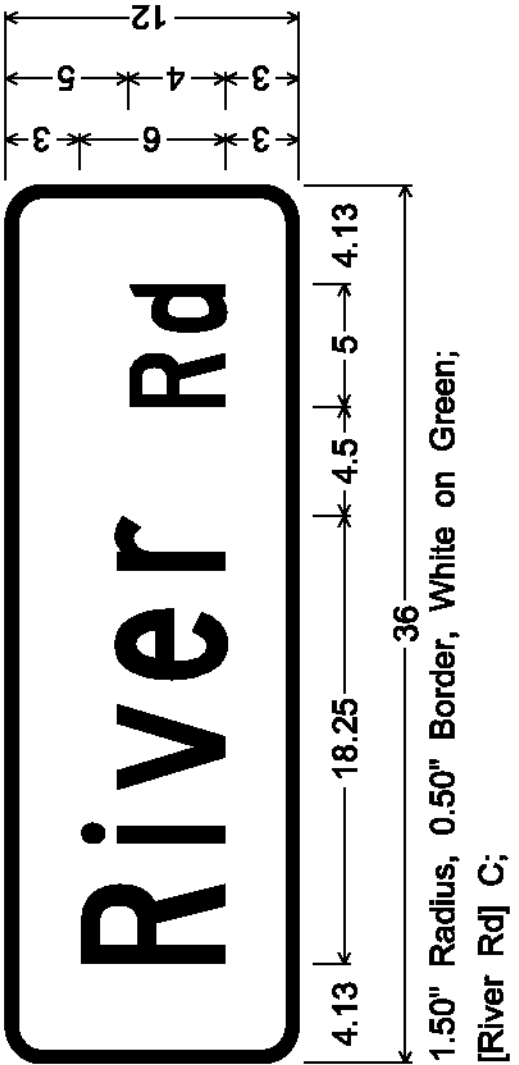


D3-1

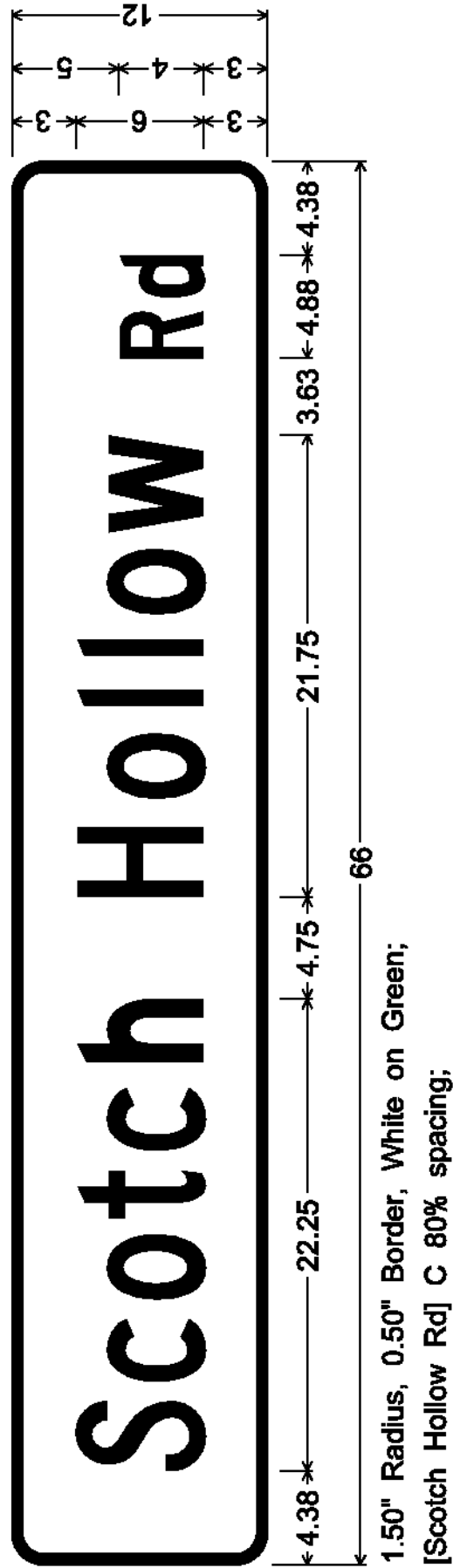
NOTE:
D SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN



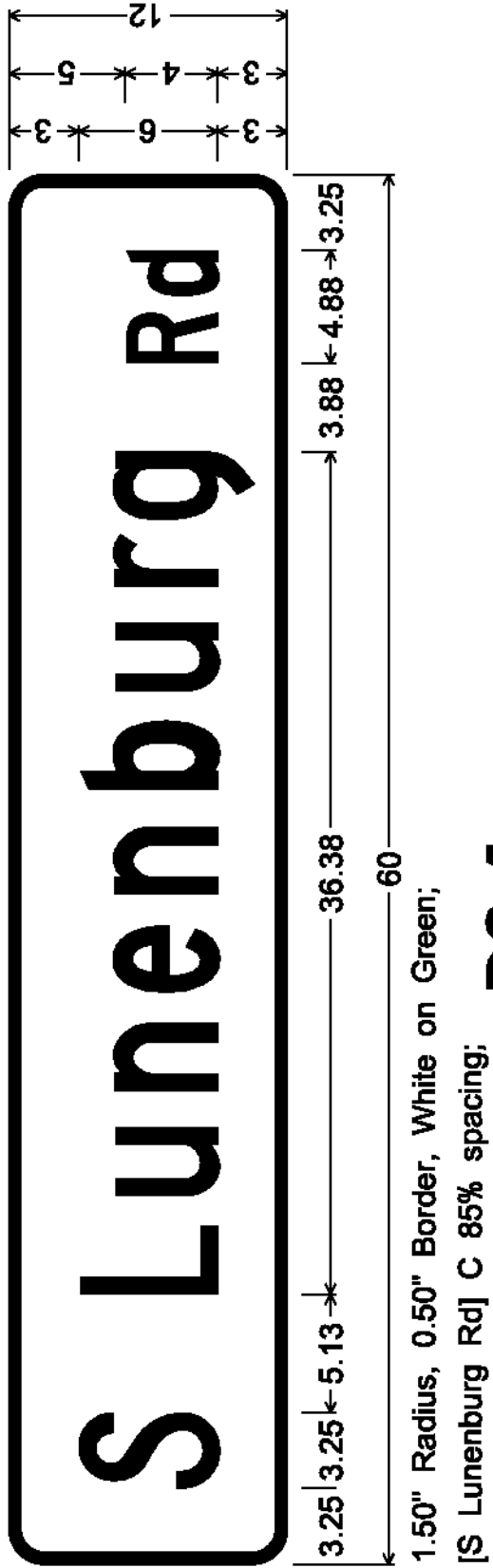
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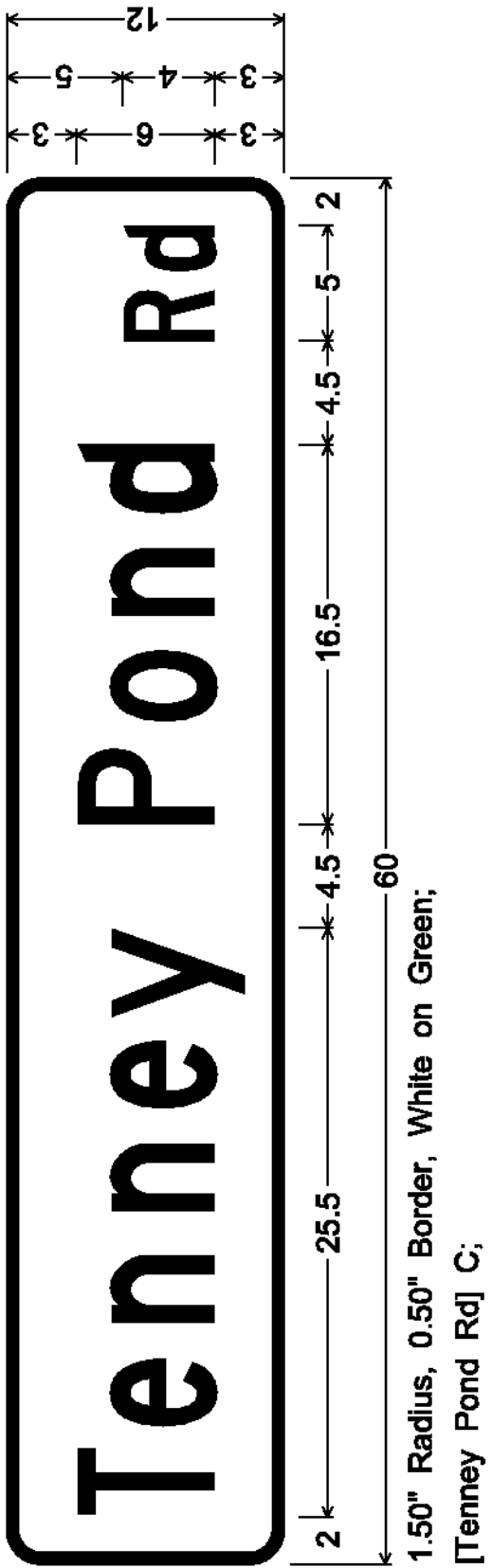
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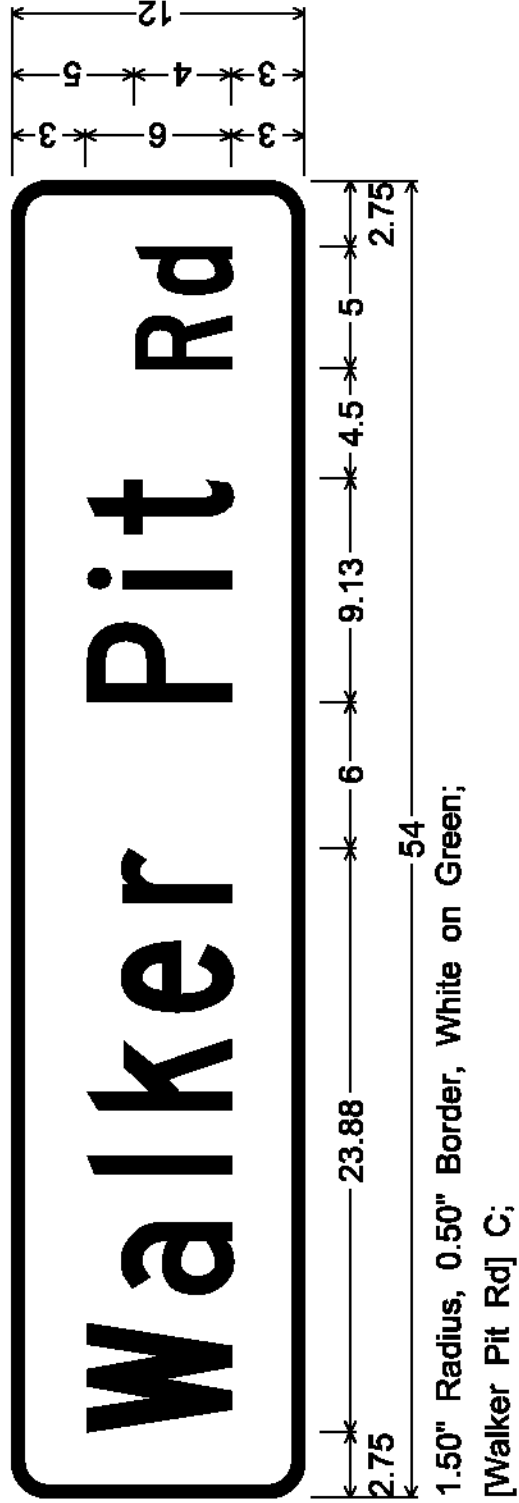
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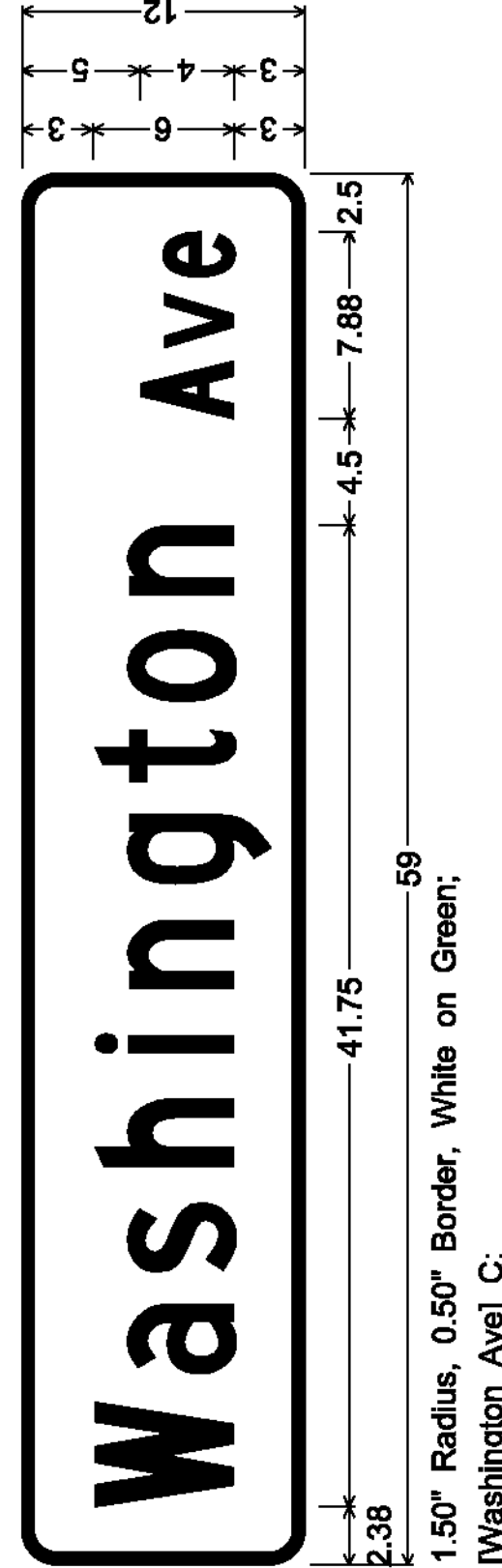
D3-1



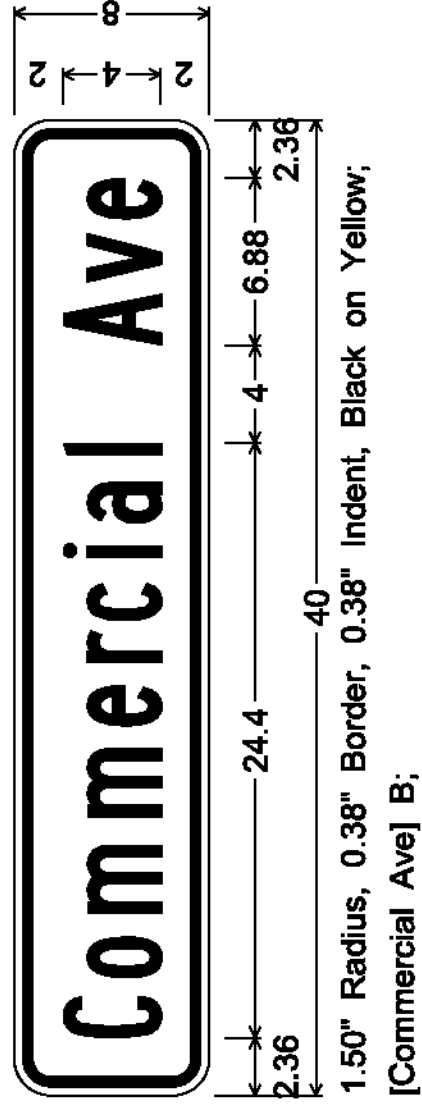
D3-1



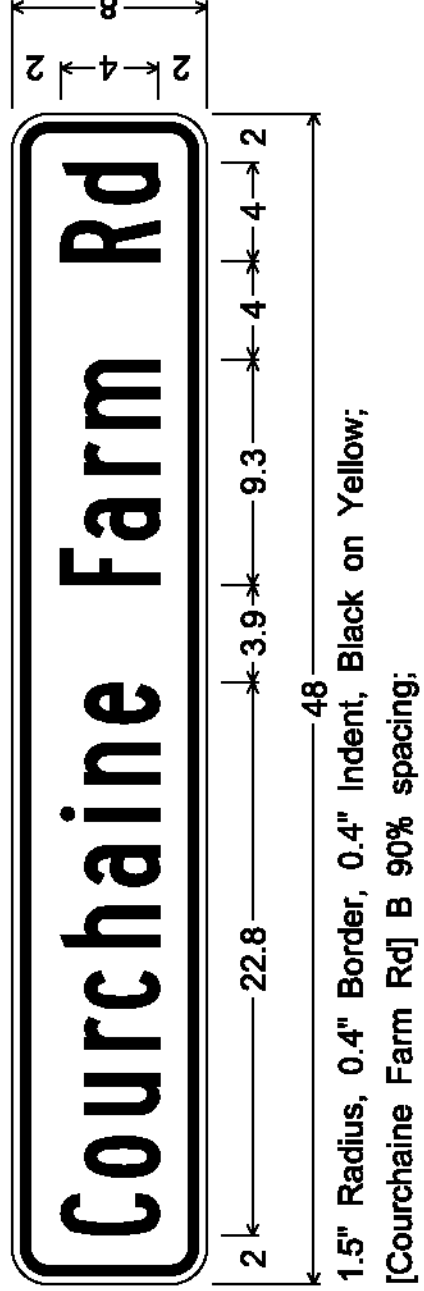
D3-1



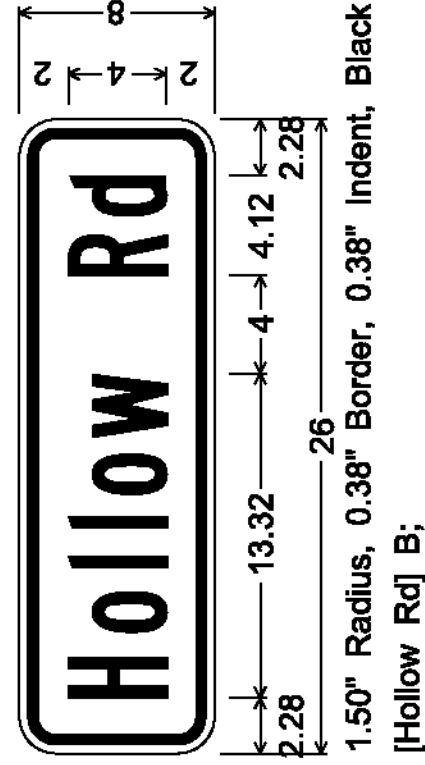
D3-1



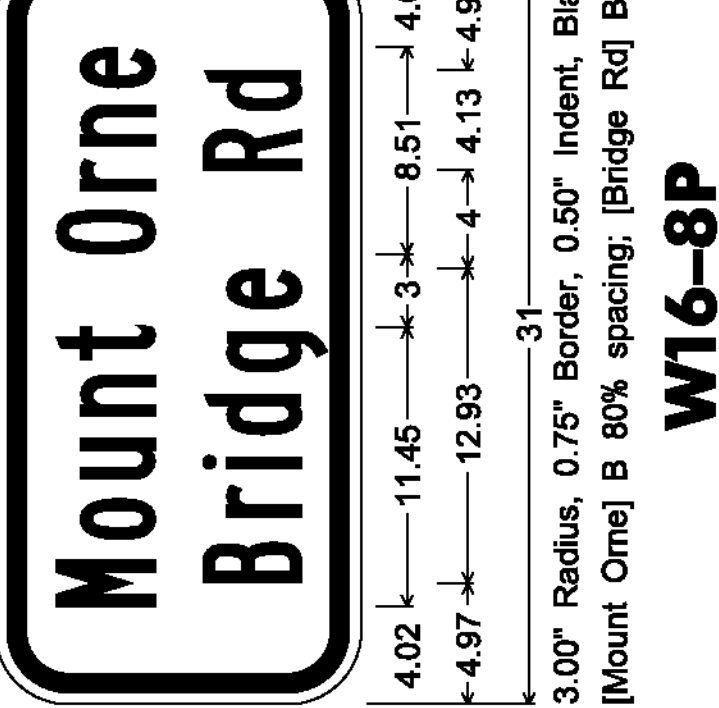
W16-8P



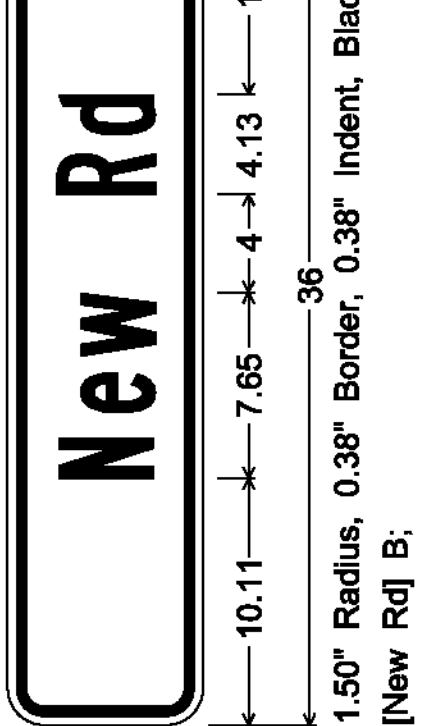
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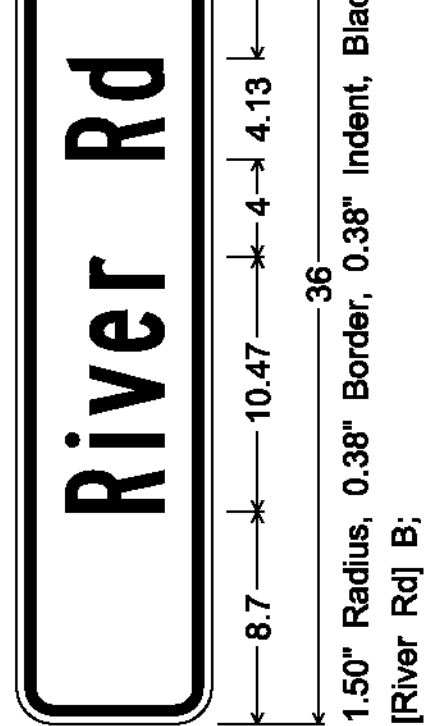
W16-8P



W16-8P

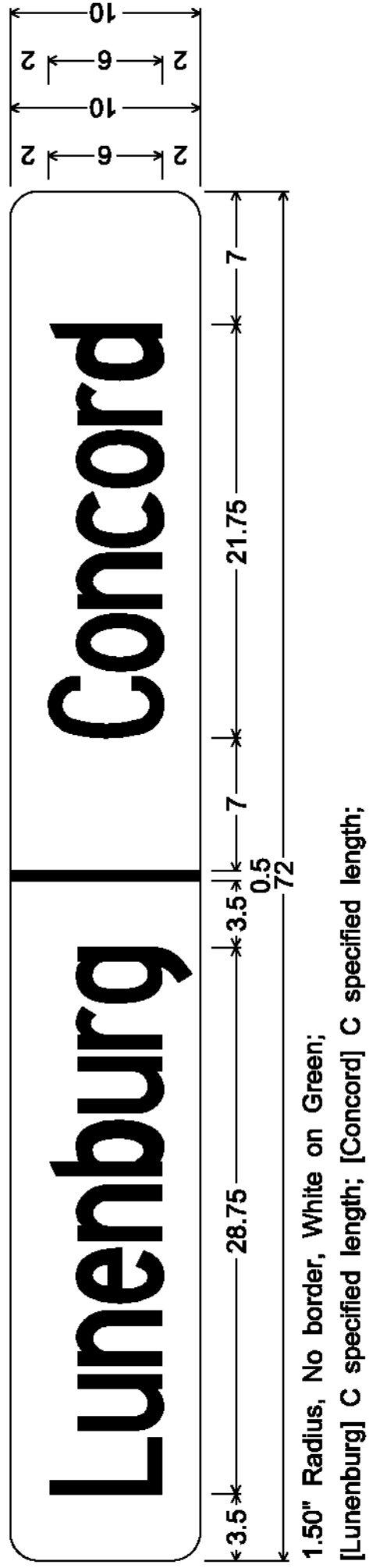


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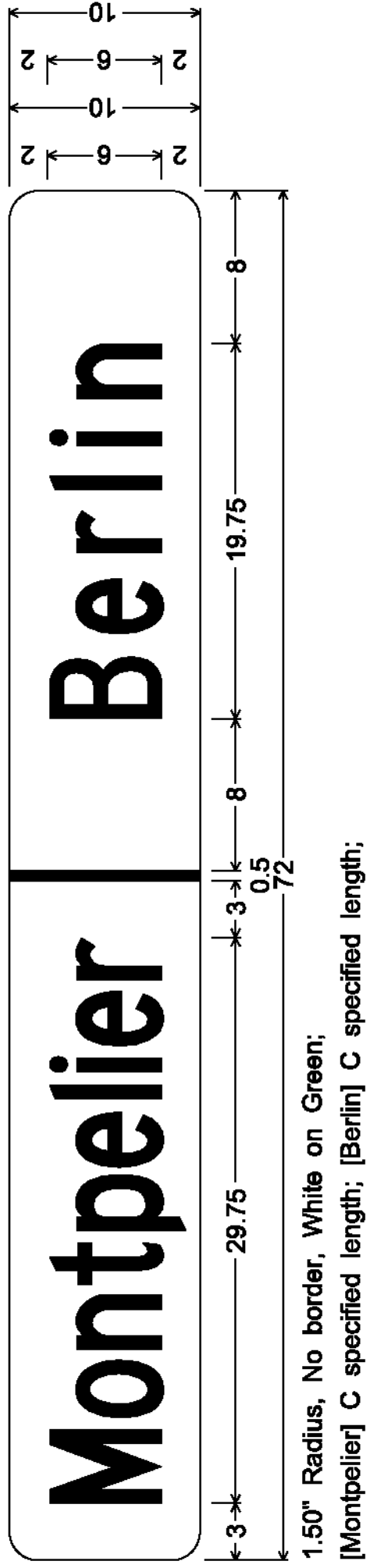


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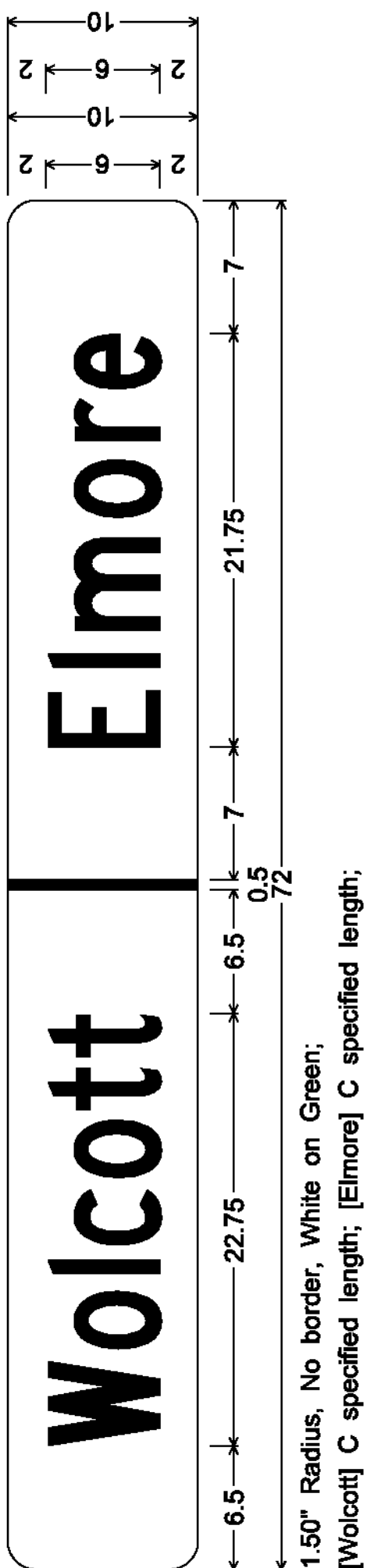
NOTE:
D SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN



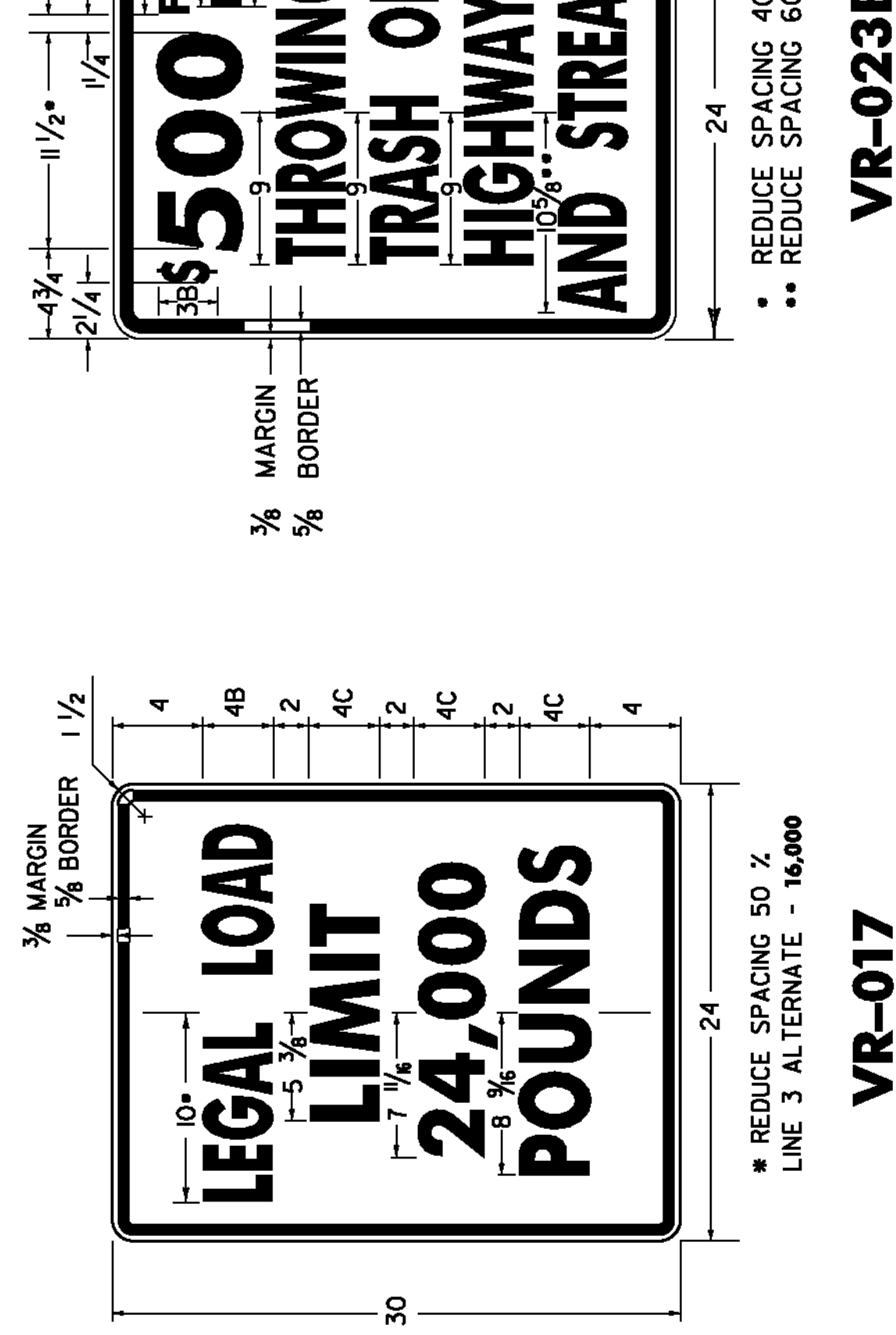
VD-024
SEE SHEET II OF 50 FOR INSTALLATION INFORMATION



VD-024
SEE SHEET II OF 50 FOR INSTALLATION INFORMATION

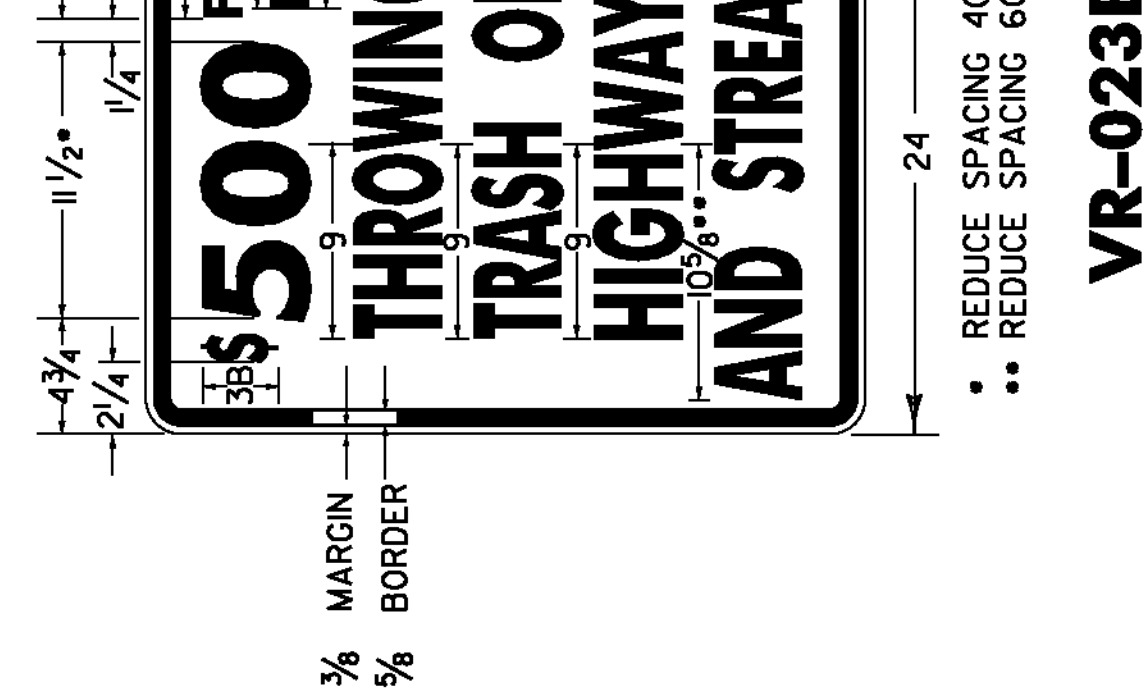


VD-024
SEE SHEET II OF 50 FOR INSTALLATION INFORMATION



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

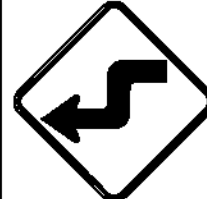
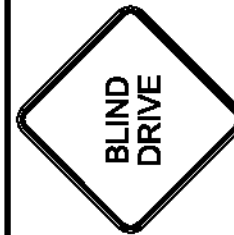
VR-017

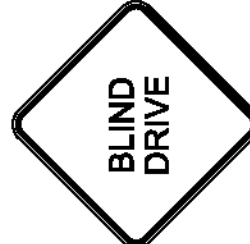
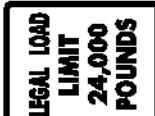


* REDUCE SPACING 40 %
** REDUCE SPACING 60 %

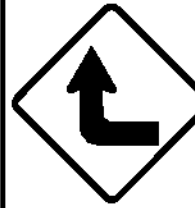
VR-023

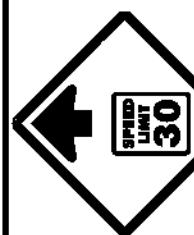
NOTE:
D SIGNS WILL HAVE NAMES PRINTED ON BOTH SIDES OF SIGN

STATE OF VERMONT AGENCY OF TRANSPORTATION													TRAFFIC SIGN SUMMARY SHEET												
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS			EXISTING POST		NO. OF NEW POSTS	SQUARE STEEL (in)			FOUNDATION		TUBULAR O/L (in)					
			WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N		R E M O V E	1.75	2.00	2.50	3.00	3.50	4	7.60	9.00	10	
EB	MM 0.000 RT	A	VR-38	24	18		3.00				X		X	I		15									
EB	MM 0.000 RT	A	R2-1	24	30		5.00																		
WB	MM 0.000 LT	F	VR-39	24	18				X			X													
WB	MM 0.000 LT	F	R2-1	24	30				X			X													
WB	MM 0.002 LT	G	VD-024	72	10	Montpelier Berlin	5.00							2		30									
EB	MM 0.067 RT	C	D3-1	48	12					X		X													
EB	MM 0.095 RT	A	W1-3L	30	30		6.25							I		15									
EB	MM 0.095 RT	A	W13-1P	18	18		2.25																		
EB	MM 0.145 RT	A	VR-023b	24	30					X		X													
EB	MM 0.156 RT	C	VR-023b	24	30		5.00							I		15									
WB	MM 0.302 LT - MM 0.378 LT	E F		6	8	(18) TYPE 11 - 6"X 8" WHITE DELINEATORS																			
WB	MM 0.359 LT	F	VW-133	30	30		6.25							I		15									
EB	MM 0.378 RT	A	TOWN SIGN	30	30					X		X													
WB	MM 0.405 LT	F	W1-3L	30	30		6.25							I		15									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".									EA	EA	EA	EA	EA	EA	FT	FT	FT				LB	LB	LB		
									2	4	4	2	4	105	105	105	EA	EA	EA	EA	EA	EA			
						SF 39.00	SF	EA 6	EA 6	EA 6	EA 6	EA 7	FT 105	FT 105	FT 105								LB		

STATE OF VERMONT AGENCY OF TRANSPORTATION														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 (lin)				FOUNDATION			TUBULAR O/L (in)			
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN	REMOVE		1.75	2.00	2.50	ID/FT		3.00	3.50	4.00	ID/FT		7.60
WB	MM 0.405 LT	F	W13-1P	18	18			2.25																			
EB	MM 0.427 RT- MM 0.431 RT	A				REMOVE THREE GRANITE POSTS		6.25						X													
EB	MM 0.451 RT	A	W1-4L	30	30			6.25								I		15									
EB	MM 0.460 RT - MM 0.528 RT	A B		6 6	8 8	(14) TYPE 11 - 6"X 8" WHITE DELINEATORS																					
WB	MM 0.506 LT	F	VW-054	30	30			6.25								I		15									
EB	MM 0.528 LT	F	TOWN SIGN	30	30							X															
EB	MM 0.584 LT	F	W1-4	30	30			6.25								I		15									
WB	MM 0.663 LT	F	R2-1	24	30			5.00								I		15									
WB	MM 0.663 LT	F	VR-017	24	30			5.00																			
EB	MM 0.673 RT	A	R1-1	30	30			6.25				X		X		I		15									
EB	MM 0.673 RT	A B	D3-1	48	12			4.00							2			30									
EB	MM 0.675 RT	C D	D3-1	48	12			4.00				X		X		2		30									
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	135			LB	LB	LB		
							SF 45.25	SF	EA 3	EA 4	EA 3	EA 4	EA 9	EA		FT 135	FT	EA	EA				LB				

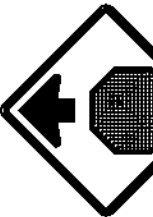
STATE OF VERMONT AGENCY OF TRANSPORTATION															TRAFFIC SIGN SUMMARY SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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)			FOUNDATION			TUBULAR O/L (in)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN	REMOVE	1.75		2.00	2.50	3.00	3.50	4	7.60	9.00	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

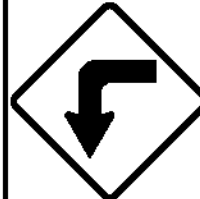
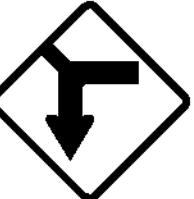
STATE OF VERMONT AGENCY OF TRANSPORTATION													TRAFFIC SIGN SUMMARY SHEET												
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE		SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS			EXISTING POST		NO. OF NEW POSTS	SQUARE STEEL (in)			FOUNDATION			TUBULAR O/L (in)		
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN	REMOVE	1.75		2.00	2.50	1.88	2.42	3.35	3.00	3.50	4	7.60
EB	MM 1.444 RT	A	R2-I	24	30			5.00								1		15							
WB	MM 1.457 LT	F	D1-I	72	12											2		30							
EB	MM 1.525 RT	A	VW-060	30	30								X												
EB	MM 1.525 RT	A	W11-8	30	30			6.25								1		15							
EB	MM 1.555 RT	A	W11-L	30	30			6.25								1		15							
EB	MM 1.555 RT	A	W13-1P	18	18			2.25																	
WB	MM 1.640 LT	F	W11-R	30	30			6.25								1		15							
WB	MM 1.640 LT	F	W13-1P	18	18			2.25																	
EB	MM 1.679 RT	A	W11-1Md	36	36			9.00								2		30							
EB	MM 1.679 RT	A	W16-8P	40	8			2.22																	
EB	MM 1.680 RT	C	W14-1	30	30								X												
EB	MM 1.680 RT	C	TOWN SIGN																						
EB	MM 1.684 RT	D	R1-I	30	30			6.25					X			1		15							
EB	MM 1.684 RT	A B	D3-I	60	12			5.00					X			2		30							
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	165		LB	LB	LB	
								SF 50.72	SF	EA 5	EA 4	EA 5	EA 4	EA 4	EA 11		FT 165	EA	EA	EA			LB	LB	

STATE OF VERMONT AGENCY OF TRANSPORTATION													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)				FOUNDATION		TUBULAR O/L (In)			
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	1.75	2.00	2.50	3.00		3.50	4.00		
WB	MM 1.942 LT	G	VR-017	24	30									X		X									
WB	MM 1.950 LT	G	R5-1	30	30			6.25									I	15							
WB	MM 1.953 LT	F E	TOWN SIGN									X		X											
WB	MM 1.990 LT	F E	TOWN SIGN							X															
WB	MM 1.990 LT	H G	TOWN SIGN								X														
WB	MM 2.038 LT	F	S1-1	36	36	FYG		9.00						X		X	2	30							
WB	MM 2.038 LT	F	S4-3	24	8	FYG		1.33																	
EB	MM 2.159 RT	A	R2-1	24	30			5.00									I	15							
WB	MM 2.159 RT	F	R2-1	24	30			5.00				X		X		X	I	15							
EB	MM 2.167 RT	A	R2-1	24	30							X		X											
WB	MM 2.261 LT	F	R2-5	24	30								X		X										
WB	MM 2.261 LT	F	W3-5	36	36			9.00									2	30							
EB	MM 2.638 RT	A	S3-1	30	30							X		X											
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".										EA	EA	EA	EA	EA	EA		FT	FT	FT		LB	LB			
								SF	SF	EA	EA	EA	EA	EA	EA		EA	EA	EA	EA	EA	EA	EA		
								35.58		9		7	7				105								

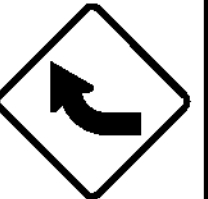
STATE OF VERMONT AGENCY OF TRANSPORTATION														TRAFFIC SIGN SUMMARY SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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		SQUARE STEEL (in)				TUBULAR O/L (in)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N	R E M O V E	NO. OF NEW POSTS	1.75	2.00	2.50	ID/FT		3.00	3.50	4.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

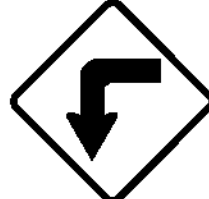
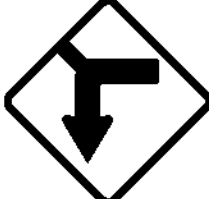
STATE OF VERMONT AGENCY OF TRANSPORTATION																	TRAFFIC SIGN SUMMARY SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE		SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS				NO. OF NEW POSTS	SQUARE STEEL (In)				TUBULAR OR (In)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N	R E M O V E		1.75	2.00	2.50	3.00	3.50	4.00	1b/ft	7.60	9.00	10.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
EB	MM 4.864 RT	A	R2-1	24	30								X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

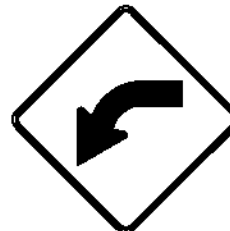
STATE OF VERMONT AGENCY OF TRANSPORTATION													TRAFFIC SIGN SUMMARY SHEET												
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE		SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS			EXISTING POST		NO. OF NEW POSTS	SQUARE STEEL (in) lb/ft			FOUNDATION			TUBULAR O/L(in)		
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N	R E M O V E	1.75		2.00	2.50	3.00	3.50	4.00	7.60	9.00	10.00	
WB	MM 6.780 LT	F	R2-1	24	30			5.00								1		15							
WB	MM 6.820 LT	G	W1-7	48	24			8.00								2		30							
EB	MM 6.850 RT	A	R2-1	24	30			5.00								1		15							
EB	MM 6.890 RT	A	W3-1	30	30			6.25								1		15				</			

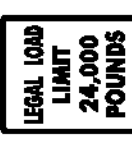
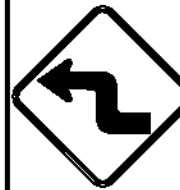
STATE OF VERMONT AGENCY OF TRANSPORTATION														TRAFFIC SIGN SUMMARY SHEET													
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE		SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS			EXISTING POST		NO. OF NEW POSTS	SQUARE STEEL (lin)			FOUNDATION		TUBULAR O/Lin					
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N	R E M O V E	1.75		2.00	2.50	3.00	3.50	4	7.60	9.00	10			
NB	MM 1.136 RT	A	VW-054	30	30			6.25								1		15									
NB	MM 1.286 RT	A	W1-1R	30	30			6.25								1		15									
NB	MM 1.286 RT	A	W13-1P	18	18			2.25																			
SB	MM 1.330 LT	E F	W1-8	18	24			6.00								1		15									
SB	MM 1.345 LT	E F	W1-8	18	24			6.00								1		15									
SB	MM 1.360 LT	E F	W1-8	18	24			6.00								1		15									
SB	MM 1.369 LT	F	W1-1L	30	30			6.25								1		15									
SB	MM 1.369 LT	F	W13-1P	18	18			2.25																			
SB	MM 1.396 LT	F	VW-060	30	30			6.25				X	X			1		15									
NB	MM 1.426 RT	A	W1-1MdL	36	36			9.00								2		30									
NB	MM 1.426 RT	A	W16-8P	36	8			2.00																			
NB	MM 1.426 RT	A	W13-1P	18	18			2.25																			
NB	MM 1.450 RT	A	W1-6R	48	24			8.00								2		30									
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		FT	FT	FT				LB	LB				
								SF 68.75	SF	EA	EA	EA	EA	EA	EA	FT	FT	FT	EA							EA	

STATE OF VERMONT AGENCY OF TRANSPORTATION												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)			FOUNDATION			TUBULAR O/L (In)		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	1.75	2.00	2.50	1B/FT		3.00	3.50	4.00
																	1.88	2.42	3.35		7.60	9.00	10.00	
NB	MM 1.451 RT	A B	D3-1	30	12		New Rd	2.50					X		X	1		15						
NB	MM 1.462 RT	A	W1-6L	48	24			8.00								2		30						
SB	MM 1.491 LT	F	W1-1R	30	30			6.25								1		15						
SB	MM 1.491 LT	F	W13-1P	18	18			2.25																
SB	MM 1.640 LT	F	VW-054	30	30			6.25				X		X		1		15						
NB	MM 1.995 RT	A	W1-3L	30	30																			

STATE OF VERMONT AGENCY OF TRANSPORTATION															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)			FOUNDATION			TUBULAR O/L (in)							
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	1.75	2.00	2.50	3.00	3.50	4	7.60	9.00	10				
SB	MM 3.344 LT	G	W14-1	30	30			6.25					X		X			15											
NB	MM 3.434 RT	A	R2-1	24	30			5.00										15											
SB	MM 3.434 LT	F	R2-1	24	30			5.00										15											
NB	MM 3.462 RT	A	W1-2L	30	30			6.25										15											
SB	MM 3.535 LT	F	W1-2R	30	30			6.25										15											
NB	MM 3.771 RT	A	W5-2	30	30																								

STATE OF VERMONT AGENCY OF TRANSPORTATION														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		SQUARE STEEL (in)			FOUNDATION			TUBULAR O/L (in)					
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N	R E M O V E	1.75	2.00	2.50	3.00	3.50	4.00	7.60	9.00	10.00				
NB	MM 1.688 RT	A	R2-1	24	30										X												
NB	MM 1.688 RT-MM 1.756 RT	A B		6	8		(7) TYPE 11 6"X8" WHITE DELINEATORS																				
NB	MM 1.838 RT	A	TOWN SIGN	30	30										X												
NB	MM 1.860 RT	A	W1-1L	30	30										X												
NB	MM 1.895 RT	A	W1-1Md	36	36			9.00										30									
NB	MM 1.895 RT	A	W16-8P	48	8																						

STATE OF VERMONT AGENCY OF TRANSPORTATION														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) lb/ft			FOUNDATION			TUBULAR O/L (in)				
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN	REMOVE	1.75		2.00	2.50	3.00	3.50	4	7.60	9.00	10			
NB	MM 2.220 RT	A	R2-1	24	30			5.00								I		15									
SB	MM 2.220 LT	F	R2-1	24	30			5.00			X		X		X	I		15									
NB	MM 2.272 RT	A	R2-1	24	30							X		X													
NB	MM 2.272 RT	A	W1-2L	30	30			6.25								I		15									
SB	MM 2.363 LT	F	W1-2R	30	30			6.25								I											
NB	MM 2.827 RT	A	R2-1	24	30							X		X													
NB	MM 2.843 RT	A	R2-1	24	30			5.00								I		15									
SB	MM 2.843 LT	F	R2-1	24	30			5.00				X		X		I		15									
NB	MM 3.007 RT	A	VW-054A	30	30			6.25				X		X		I		15									
NB	MM 3.007 RT	A		30	30							X															
NB	MM 3.007 RT	A	W1-2R	30	30			6.25																			
SB	MM 3.054 LT	E F	W1-8R W1-8L	18 18	24 24			3.00 3.00							I		15										
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".										EA	EA	EA	EA	EA	EA		FT	FT	FT		LB	LB	LB				
										6	6	6	5	5	8		120	120	120								
								SF 51.00	SF	EA 6	EA 6	EA 5	EA 5	EA 8		FT 120	FT 120	FT 120		EA	EA	EA	EA	LB			

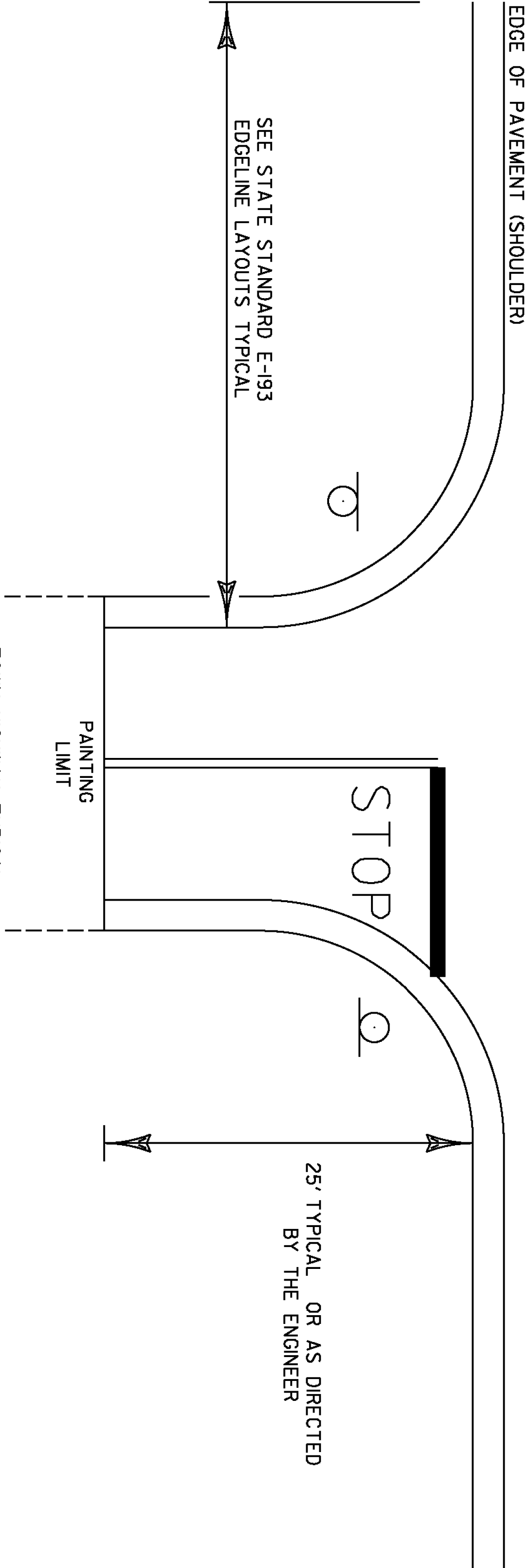
STATE OF VERMONT AGENCY OF TRANSPORTATION																				TRAFFIC SIGN SUMMARY SHEET									
DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE		SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS			EXISTING POST		SQUARE STEEL (in)			TUBULAR O/L (in)										
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	REMOVE	R E T A I N	R E M O V E	NO. OF NEW POSTS	1.75	2.00	2.50	3.00	3.50	4.00	7.60	9.00	10.00						
SB	MM 3.416 LT	F	R1-I	30	30			6.25					X	X	I			15											
NB	MM 3.436 RT	A	VR-017	24	30			5.00							I			15											
NB	MM 3.436 RT	A	R2-I	24	30			5.00				X	X																
SB	MM 3.464 LT	F	W3-I	30	30			6.25							I			15											
NB	MM 3.515 RT. TO MM 3.550 RT.	A B		6	8		(8) TYPE 11 6"X 8" WHITE DELINEATORS																						
NB	MM 3.661 RT	A	W1-3R	30	30			6.25							I			15											
NB	MM 3.661 RT	A	W13-1P	18	18			2.25																					
SB	MM 3.725 LT	F	W1-6	48	24			8.00							2			30											
SB	MM 3.733 LT	E	W1-6	48	24			8.00							2			30											
NB	MM 3.803 RT	A	W1-3R	30	30			6.25							I			15											
NB	MM 3.803 RT	A	W13-1P	18	18			2.25																					
SB	MM 3.803 LT	F	W1-3R	30	30			6.25							I			15											
SB	MM 3.803 LT	F	W13-1P	18	18			2.25																					
SB	MM 3.932 LT	F	W1-3L	30	30			6.25							I			15											
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".										EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB									
										EA	EA	EA	EA	EA	2	2	2	2	11	165	165	EA	EA	EA	EA				
								SF 70.25	SF	EA 2	EA 2	EA 2	EA 2	EA 11	FT 165	FT 165	FT 165	EA	EA	EA									

STATE OF VERMONT AGENCY OF TRANSPORTATION													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) lb/ft			FOUNDATION			TUBULAR O/L (in) lb/ft		
			WIDTH	HEIGHT	"A"	"B"			RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	R E T A I N	R E M O V E	1.75		2.00	2.50	3.00	3.50	4.00	7.60	9.00	10.00	
SB	MM 3.932 LT	F	W13-1P	18	18			2.25																	
NB	MM 4.104 RT	A	R12-1	24	30			5.00			X			X				15							
NB	MM 4.117 RT - MM 4.160 RT	A B		6	8		(10) TYPE 11 - 6"x 8" WHITE DELINEATORS																		
NB	MM 4.222 LT - MM 4.255 LT	A B		6	8		(8) TYPE 11 - 6"x 8" WHITE DELINEATORS																		
NB	MM 4.780 RT	A	W5-3	36	36			9.00				X		X				30							
NB	MM 4.815 RT	A	R12-1	24	30			5.00				X		X				15							
NB	MM 4.828 RT	A	OM-3R	12	36			3.00										15							
SB	MM 4.828 LT	E	OM-3L	12	36			3.00										15							
NB	MM 4.842 RT	B	OM-3L	12	36			3.00										15							
SB	MM 4.842 LT	F	OM-3R	12	36			3.00										15							
SB	MM 4.845 LT	F	R12-1	24	30							X		X											
SB	MM 4.881 LT	F	W5-3	36	36			9.00					X		X			30							
SB	MM 4.893 LT	F	R2-1	24	30								X		X										
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".										EA	EA	EA	EA	EA	EA	6		FT	FT	FT	FT	FT	FT	FT	
							SF 42.25	SF	EA 6	EA 6	EA 6	EA 6	EA 6	EA 10	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	

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.

HRRR PROJECT - PAVEMENT MARKINGS - MILE POINTS													
PAY ITEM			646.26		646.30		646.30			646.21		646.20	
TOWN	CONSTRUCTION REGION	ROAD NAME	ML STATION (MM)	STOP BAR (MM)	YIELD BAR (MM)	"STOP" TEXT (MM)	"STOP AHEAD" TEXT (MM)	RAILROAD XING (MM)	SCHOOL (MM)	CENTERLINE (FT AT MM)	EDGE LINE (FT AT MM)	COMMENTS	
BERLIN	NE	DOG RIVER ROAD	-	-	-	-	-	-	-	-	-	-	
LUNENBURG	NE	RIVER ROAD							MM 1,900 RT MM 2,038 LT				
	NE											EXTEND 200' OF DOUBLE YELLOW CENTERLINE IN BOTH DIRECTIONS ON RIVER ROAD AND ALSO 200' ON S LUNENBURG RD	
	NE	MT ORNE BRIDGE ROAD		MM 0,005 LT		MM 0,005 LT							
NEWARK	NE	NEWARK STREET							MM 1,343 RT MM 1,568 LT				
	NE												
	NE									100' IN 3 DIRECTIONS AT MM 1,729 CT		EXTEND 100' OF DOUBLE YELLOW CENTERLINE IN BOTH DIRECTIONS ON NEWARK ST AND ALSO 100' ALONG HOLLOW ROAD	
	NE	HOLLOW ROAD		MM 0,010 LT		MM 0,010 LT							
NEWBURY	NE	LEIGHTON HILL ROAD	-	-	-	-	-	-	-	-	-	-	
WOLCOTT	NE	ELMORE POND ROAD GULF ROAD	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
SUBTOTALS	NE					12 LETTERS			24 LETTERS				
	NE												
TOTALS	NE			48 FT			LETTER TOTAL = 36			900 FT X 2 = 1800 FT			



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

PROJECT NAME: STATEWIDE NORTHEAST REGION	
PROJECT NUMBER: STP HRRR(16)	
FILE NAME: povementmarkings.dgn	PLOT DATE: 1/27/2014
PROJECT LEADER: J. DEVLIN	DRAWN BY: N. PATTIS
DESIGNED BY: N. PATTIS	CHECKED BY: B. GROSE
PAVEMENT MARKINGS SHEET	SHEET 48 OF 50

