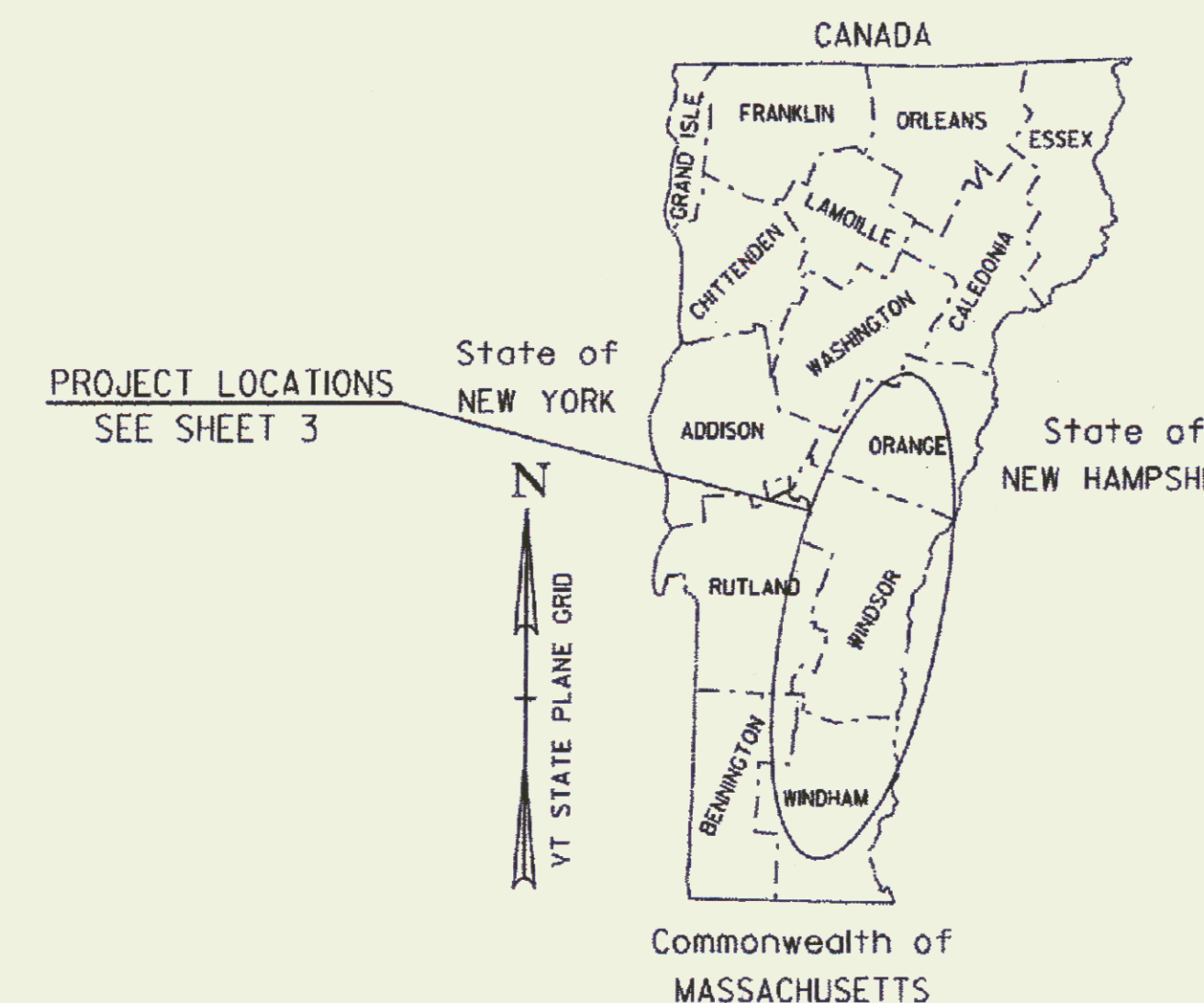


INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT AGENCY OF TRANSPORTATION



RECORD PLANS	
CONTRACTOR:	F. R. LAFAYETTE, INC. - ESSEX JUNCTION, VT
RESIDENT ENGINEER:	MARK HAUGHWOUT
CONSTRUCTION BEGAN:	APRIL 16, 2012
CONSTRUCTION COMPLETE:	SEPTEMBER 06, 2012
RECORD PLANS BY:	MARK HAUGHWOUT & C. PIERCE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	<i>Mark W. Haughwout</i> RESIDENT ENGINEER
DATE	4/8/13
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	

PROPOSED IMPROVEMENT TOWNS OF DUMMERSTON, HARTFORD, PUTNEY, SPRINGFIELD AND THETFORD COUNTIES OF WINDHAM, WINDSOR AND ORANGE VARIOUS TOWN HIGHWAYS

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

PROJECT LOCATIONS:			
TH-2,	MM	0.000 - 2.835, DUMMERSTON (MIDDLE ROAD)	
TH-9,	MM	0.000 - 0.680, HARTFORD (CHRISTIAN STREET)	
TH-2,	MM	0.000 - 2.630, PUTNEY (WEST HILL ROAD)	
TH-78,	MM	0.000 - 3.220, SPRINGFIELD (PLEASANT VALLEY ROAD)	
TH-76,	MM	0.000 - 0.057, SPRINGFIELD (FOX CHAIR MOUNTAIN ROAD)	
TH-83,	MM	0.000 - 0.057, SPRINGFIELD (BOEDTKER ROAD)	
TH-20,	MM	0.000 - 3.580, THETFORD (SAWNEE BEAN ROAD)	
TH-21,	MM	0.000 - 0.061, THETFORD (BARKER ROAD)	

PROJECT LENGTHS:			
2.835	MILES	(14968.80 FT)	
0.680	MILES	(3590.40 FT)	
2.630	MILES	(13886.40 FT)	
3.220	MILES	(17001.60 FT)	
0.057	MILES	(300.96 FT)	
0.057	MILES	(300.96 FT)	
3.580	MILES	(18902.4 FT)	
0.061	MILES	(322.08 FT)	

TOTAL LENGTH OF PROJECT: 13.120 MILES (69273.60 FT)

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

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

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

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

DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED *Paula Johnson* DATE 8/10/11

PROJECT MANAGER : JOSH SCHULTZ

PROJECT NAME : STATEWIDE SOUTHEAST REGION

PROJECT NUMBER : STP HRRR(10)

SHEET 1 OF 38 SHEETS

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STANDARDS

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

GENERAL NOTES

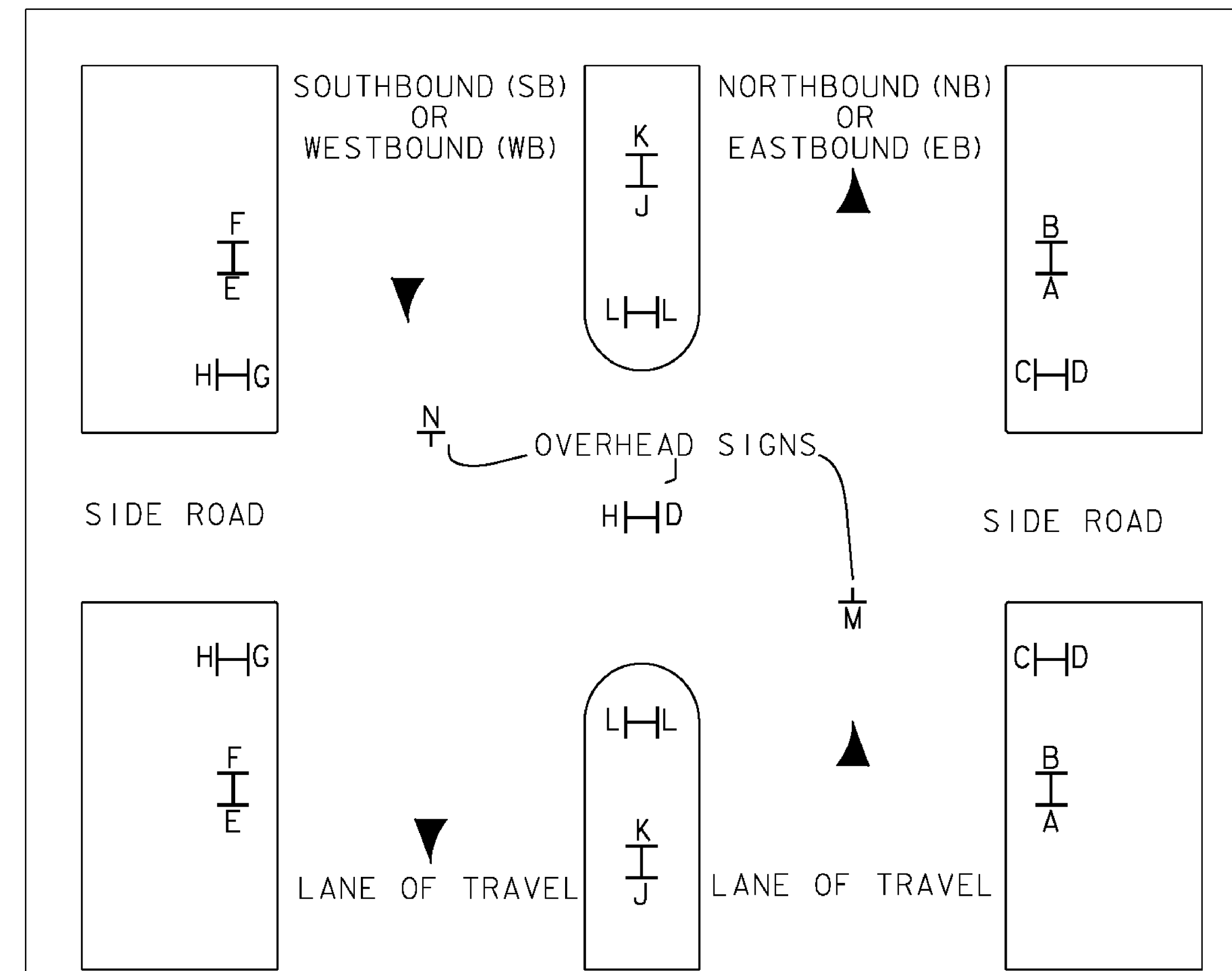
- ALL NEW SIGNS SHALL BE IN ACCORDANCE WITH THESE PLANS, THE LATEST EDITION OF THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE STANDARD HIGHWAY SIGNS BOOK (SHS) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA), AND APPLICABLE VTRANS E-SERIES STANDARDS OR AS DIRECTED BY THE ENGINEER. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
- SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH STATE STANDARD DRAWINGS E-121.

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

UNLESS OTHERWISE PROVIDED IN THESE PLANS FOR A PARTICULAR PLAQUE, SUPPLEMENTAL WARNING PLAQUES SHALL BE MOUNTED BELOW THE SIGN THEY SUPPLEMENT.
- ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REPLACED UNLESS OTHERWISE NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- EXISTING STREET NAME SIGNS ATTACHED TO SIGN POSTS THAT ARE TO BE REPLACED, SHALL BE REMOVED AND INSTALLED ONTO THE NEW POSTS. ALL WORK AND MATERIALS NECESSARY TO REMOVE AND INSTALL THE STREET NAME SIGNS SHALL BE PAID UNDER ITEM 675.50 REMOVING SIGNS, AND ITEM 675.60, ERECTING SALVAGED SIGNS. NEW POSTS INSTALLED SHALL BE PAID UNDER THEIR RESPECTIVE PAY ITEM. ESTIMATED QUANTITIES OF ITEM 675.50 AND ITEM 675.60 ARE INCLUDED ON THE QUANTITY SHEET TO PAY FOR THE WORK. ALL EXISTING STREET NAME SIGNS INSTALLED ON STAND ALONE SIGN POSTS SHALL BE RETAINED WITHIN THE PROJECT LIMITS, UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 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 TYPE VII, VIII, OR IX). REFER TO SUBSECTION 750.08 RETROREFLECTIVE SHEETING. THESE ABBREVIATIONS CAN BE FOUND UNDER SHEETING REMARKS ON THE TRAFFIC SIGN SUMMARY SHEETS INCLUDED WITHIN THESE PROJECT PLANS.
- UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIAL SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

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

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- IF SUITABLE EXCAVATION MATERIAL IS NOT AVAILABLE AND ITEM 203.30 EARTH BORROW IS USED THEN RENTAL ITEMS 608.25, 608.37 AND 608.40 DO NOT APPLY. THE COST OF INSTALLATION SHALL BE INCLUDED IN THE BASIS OF PAYMENT FOR ITEM 203.30.



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

TRAFFIC SIGN LOCATION CODES
NOT TO SCALE

VAOT RURAL AREA MIX

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

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

CONSTRUCTION GUIDANCE

- RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
- ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
- TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES

TURF ESTABLISHMENT

REVISIONS

JUNE 23, 2009	WHF
JANUARY 15, 2010	WHF

GUARDRAIL GENERAL NOTES

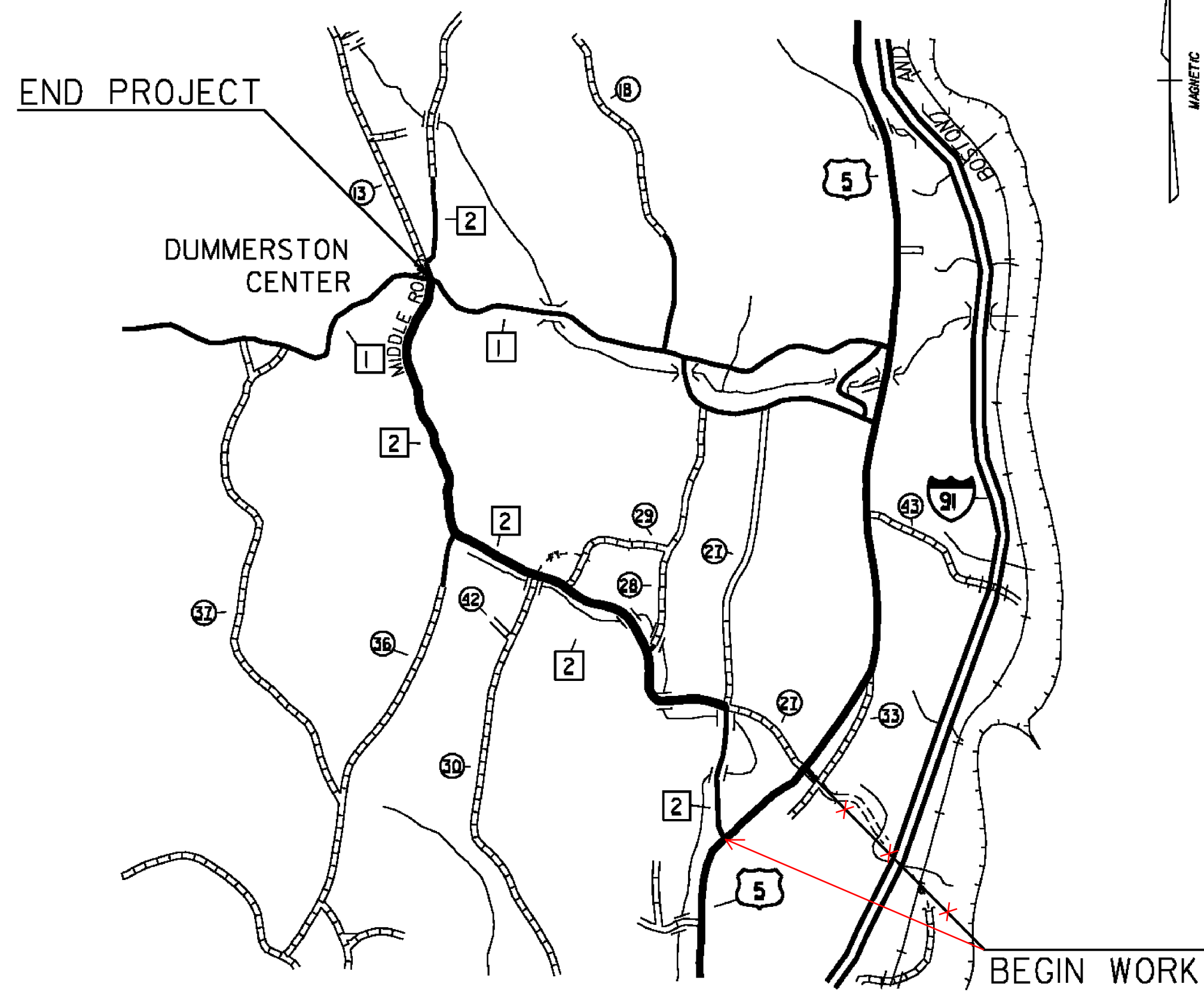
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I; 608.37 TRUCK RENTAL; AND 608.40 LOADER RENTAL, TYPE I; ARE INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED MATERIAL. 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.

PROJECT NAME: STATEWIDE SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)

FILE NAME: d10k320_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
INDEX OF SHEETS & GENERAL NOTES

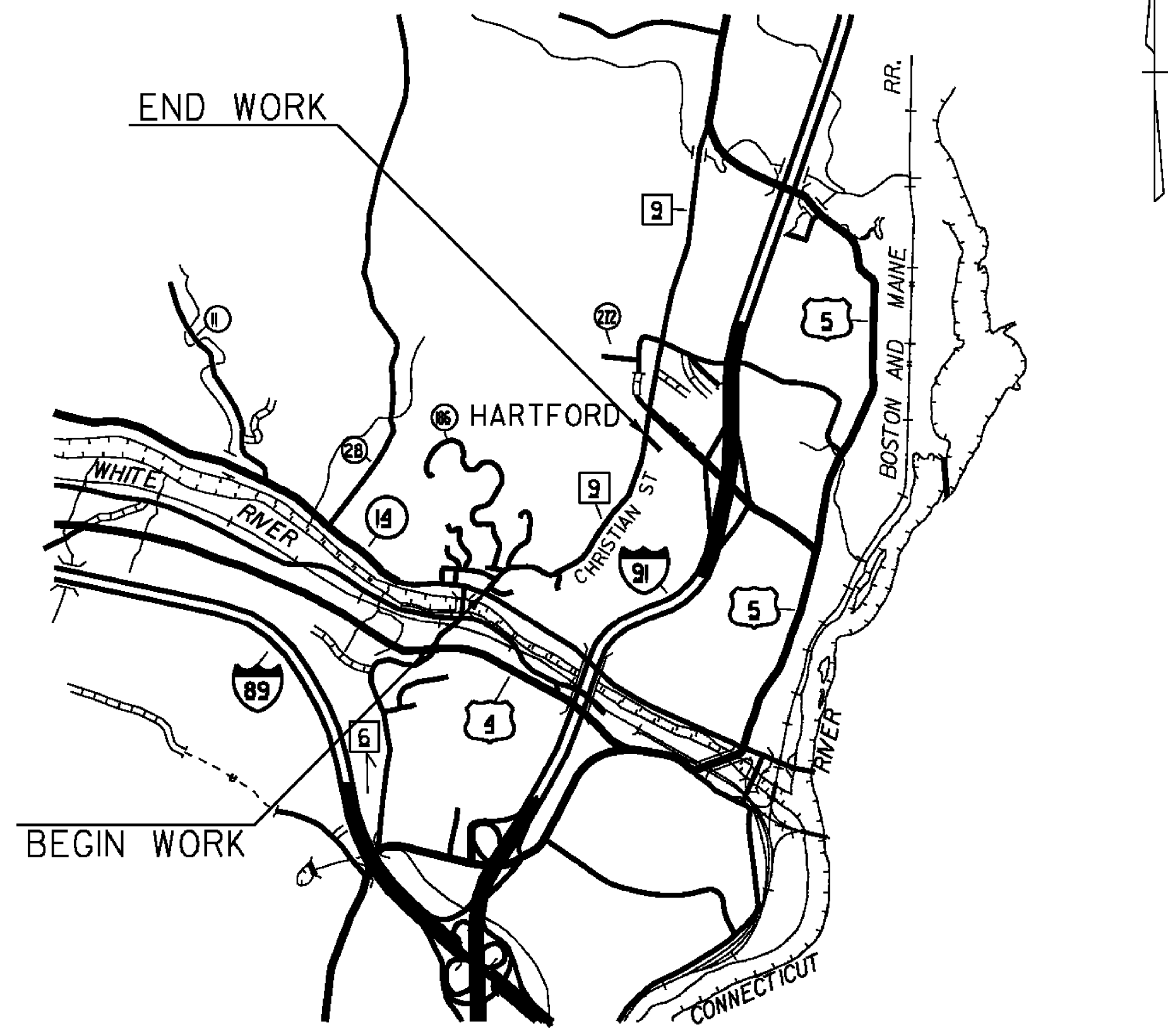
PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 2 OF 38

DUMMERSTON



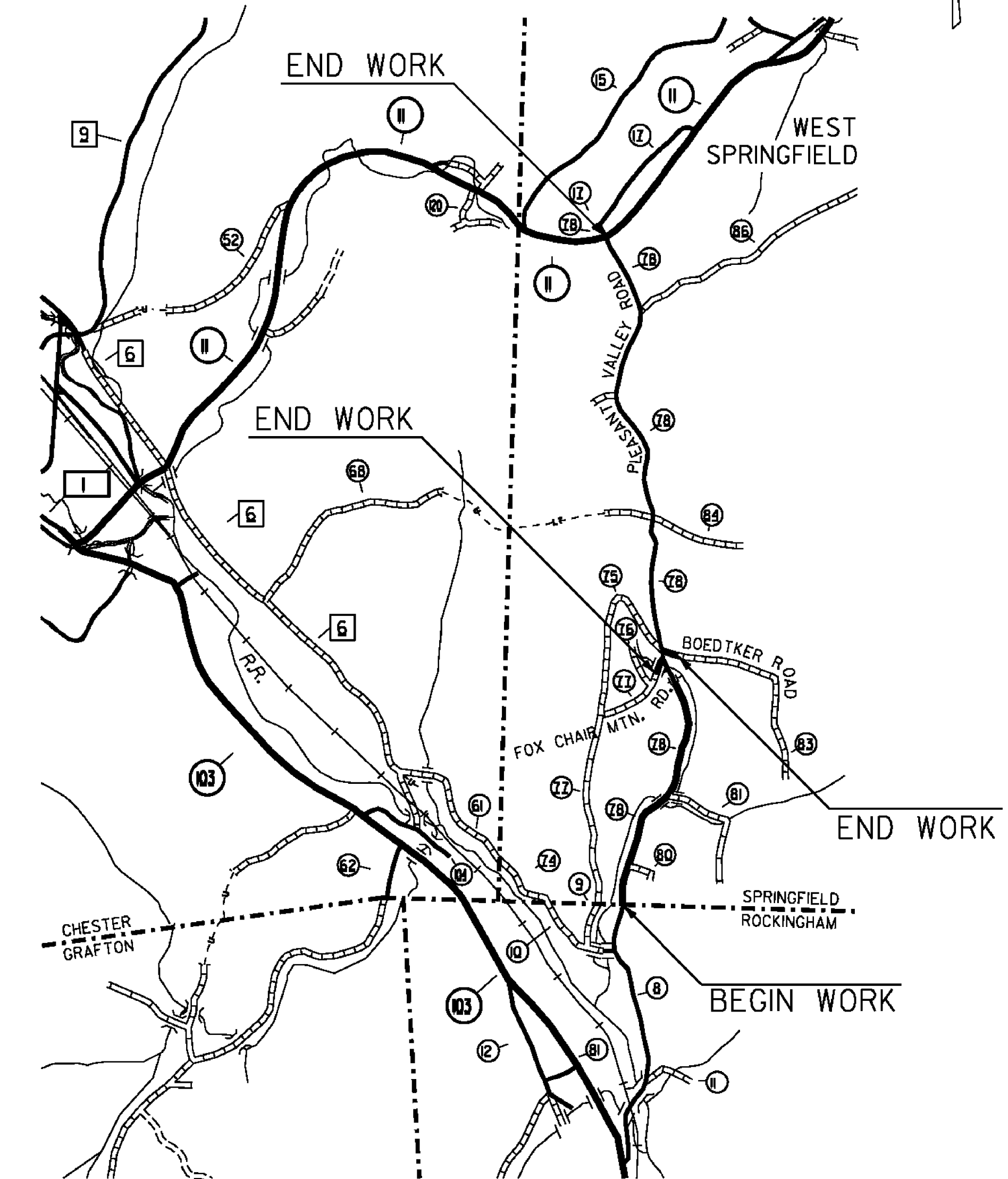
BEGINNING AT THE INTERSECTION OF US ROUTE 5 AND MIDDLE ROAD (TH-2) IN THE TOWN OF DUMMERSTON, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS EACH OTHER AS MILE MARKER 0.000 AND EXTENDING WESTERLY ALONG MIDDLE ROAD, 2.835 MILES TO A POINT 2735 FEET WEST OF UTILITY POLE #17-1/20/433/13 TO CONCLUDE THIS PORTION OF THE PROJECT.

HARTFORD



BEGINNING AT THE INTERSECTION OF VT ROUTE 14 AND CHRISTIAN STREET (TH-9) IN THE TOWN OF HARTFORD, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS EACH OTHER AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG CHRISTIAN STREET, 0.680 MILES TO A POINT 30 FEET NORTH OF UTILITY POLE #28/20 TO CONCLUDE THIS PORTION OF THE PROJECT.

SPRINGFIELD

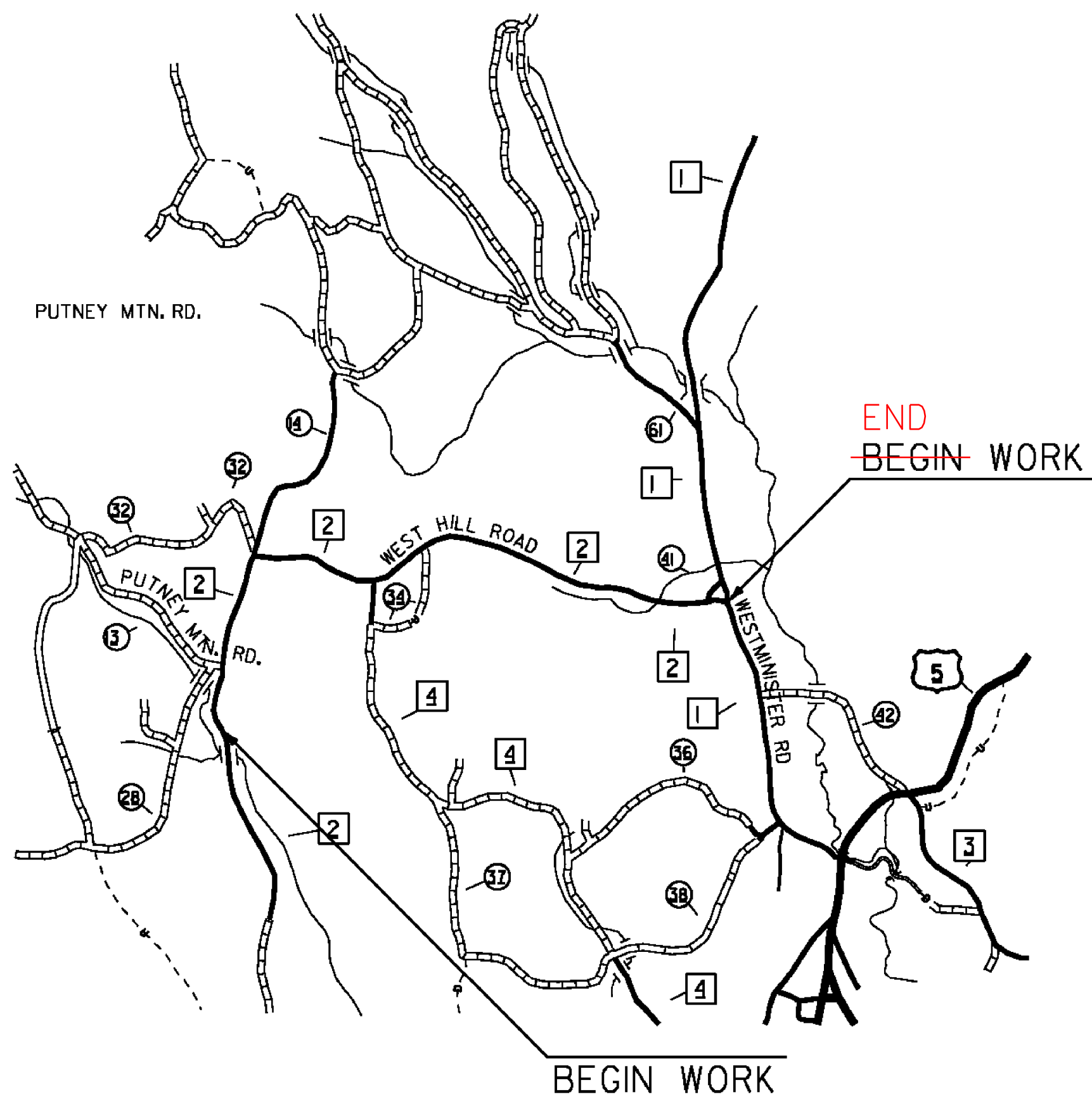


BEGINNING AT THE ROCKINGHAM - SPRINGFIELD TOWN LINE ON PLEASANT VALLEY ROAD (TH-78) IN THE TOWN OF SPRINGFIELD, DESIGNATING THE TOWNLINE AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG PLEASANT VALLEY ROAD FOR A DISTANCE OF APPROXIMATELY 3.220 MILES TO THE INTERSECTION OF VT ROUTE 11 AND PLEASANT VALLEY ROAD TO CONCLUDE THIS SEGMENT OF THIS PROJECT

ALSO, BEGINNING AT THE INTERSECTION OF PLEASANT VALLEY ROAD (TH-78) AND FOX CHAIR MOUNTAIN ROAD IN THE TOWN OF SPRINGFIELD, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS WITH EACH OTHER AS MILE MARKER 0.000 EXTENDING WESTERLY ALONG FOX CHAIR MOUNTAIN ROAD FOR A DISTANCE OF 0.057 MILES TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

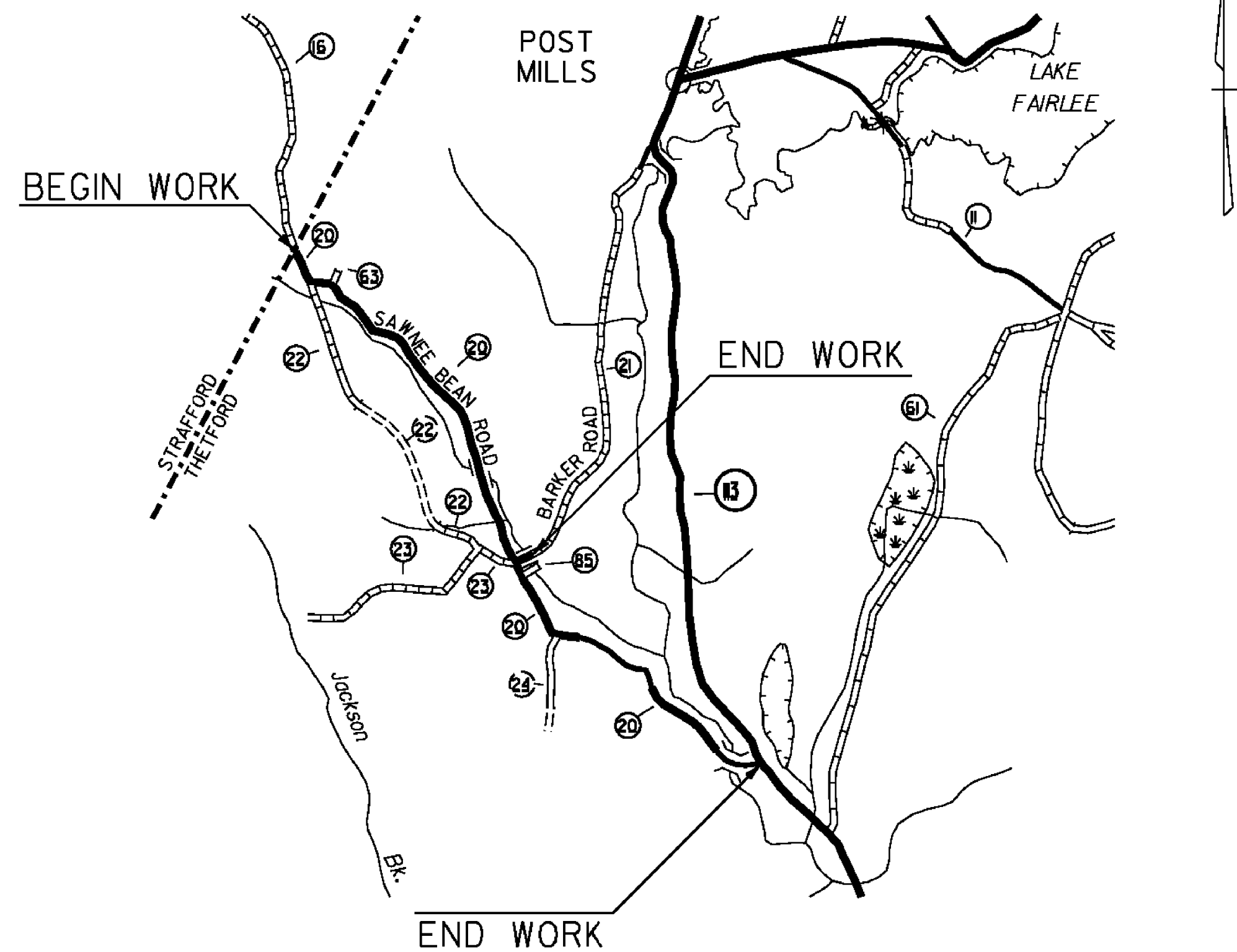
ALSO, BEGINNING AT THE INTERSECTION OF PLEASANT VALLEY ROAD (TH-78) AND BOEDTKER ROAD IN THE TOWN OF SPRINGFIELD, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS WITH EACH OTHER AS MILE MARKER 0.000 EXTENDING EASTERLY ALONG BOEDTKER ROAD FOR A DISTANCE OF 0.057 MILES TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

PUTNEY



BEGINNING AT A POINT 0.287 MILES SOUTH OF THE INTERSECTION OF PUTNEY MOUNTAIN ROAD AND WEST HILL ROAD (TH-2) IN THE TOWN OF PUTNEY, DESIGNATING A POINT ADJACENT TO UTILITY POLE # GMP/17/NET/99 AS MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG WEST HILL ROAD, APPROXIMATELY 2.63 MILES TO THE INTERSECTION OF WEST HILL ROAD AND WESTMINSTER ROAD TO CONCLUDE THIS PORTION OF THE PROJECT.

THETFORD



BEGINNING AT THE STRAFFORD-THETFORD TOWN LINE ON SAWNEE BEAN ROAD (TH-20) IN THE TOWN OF THETFORD, DESIGNATING THE TOWNLINE AS MILE MARKER 0.000 AND EXTENDING EASTERLY ALONG SAWNEE BEAN ROAD FOR A DISTANCE OF 3.58 MILES TO THE INTERSECTION OF VT ROUTE 113 AND SAWNEE BEAN ROAD TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

ALSO, BEGINNING AT THE INTERSECTION OF SAWNEE BEAN ROAD (TH-20) AND BARKER ROAD IN THE TOWN OF THETFORD, DESIGNATING WHERE THE CENTERLINE OF EACH ROAD INTERSECTS WITH EACH OTHER AS MILE MARKER 0.000 EXTENDING NORTHERLY ALONG BARKER ROAD FOR A DISTANCE OF 0.061 MILES TO A POINT ADJACENT TO POLE #7906/159*64L/10612/2-X1 TO CONCLUDE THIS SEGMENT OF THIS PROJECT.

NOT TO SCALE

PROJECT NAME: STATEWIDE SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)

FILE NAME: d10k320_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
LOCATION MAPS

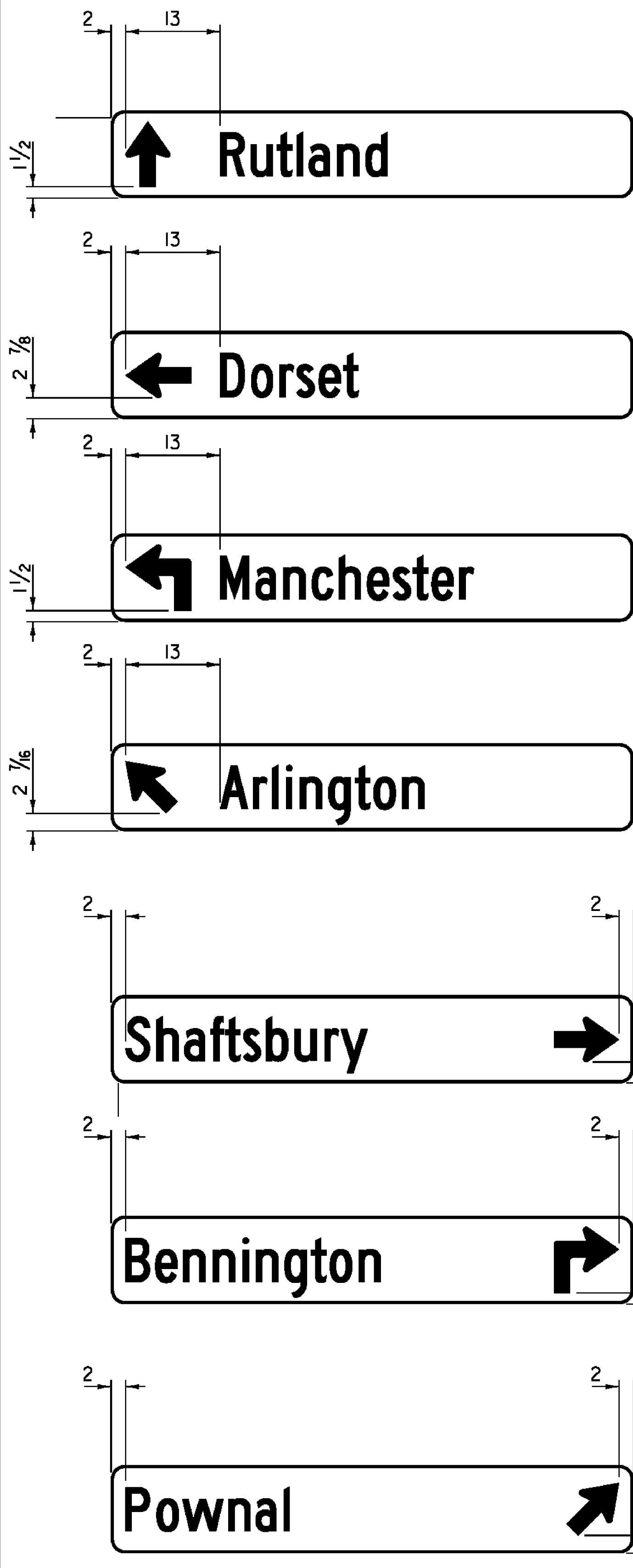
PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 3 OF 38

QUANTITY SHEET 1

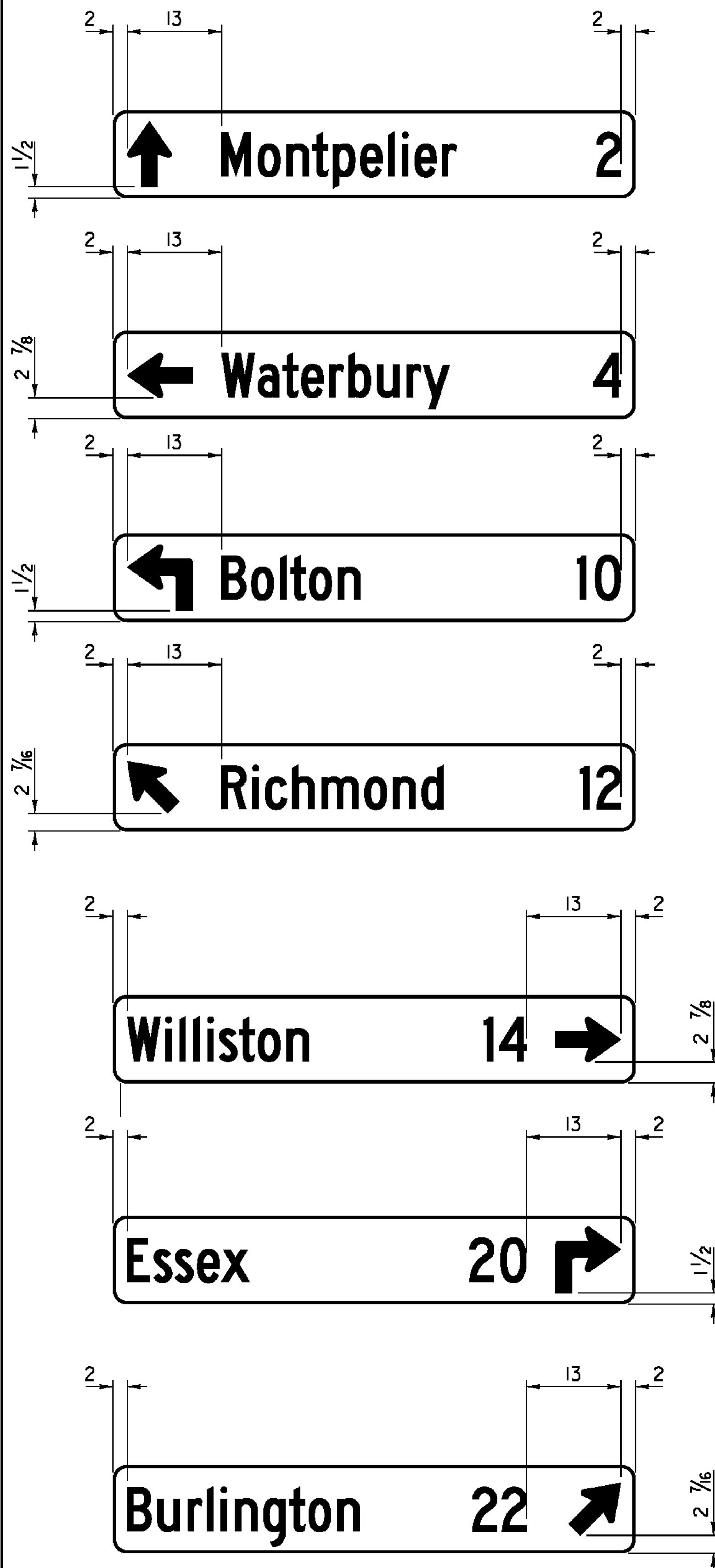
SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
											ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS	
											225	225		CY	EARTH BORROW	203.30	EST.				
											1	1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (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.				
											382.5	382.5		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	-				
											9	9		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-				
											100	100		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-				
											24	24		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.				
											275	275		HR	FLAGGERS	630.15	EST.				
											1	1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-				
											1	1		LS	TRAFFIC CONTROL	641.10	-				
											350	350		LF	4 INCH WHITE LINE	646.20	6.8				
											450	450		LF	4 INCH YELLOW LINE	646.21	-				
											132	132		LF	24 INCH STOP BAR	646.26	-				
											64	64		EACH	LETTER OR SYMBOL	646.30	-				
											64	64		LF	CROSSWALK MARKING	646.31	EST.				
											25	25		LB	SEED	651.15	EST.				
											25	25		LB	FERTILIZER	651.18	EST.				
											0.5	0.5		TON	AGRICULTURAL LIMESTONE	651.20	EST.				
											1.25	1.25		TON	HAY MULCH	651.25	EST.				
											12.5	12.5		CY	TOPSOIL	651.35	EST.				
											250	250		SY	TEMPORARY EROSION MATTING	653.20	EST.				
											1331	1331		SF	TRAFFIC SIGNS, TYPE A	675.20	0.89				
											3495	3495		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-				
											83	83		EACH	REMOVING SIGNS	675.50	-				
											1	1		EACH	ERECTING SALVAGED SIGNS	675.60	EST.				
											55	55		EACH	SPECIAL PROVISION (DELINEATOR WITH STEEL POST)	900.620	-				

PROJECT NAME: STATEWIDE SOUTHEAST REGION
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 PLOT DATE: 09-AUG-2011
 DRAWN BY: ITS
 CHECKED BY: JLS
 SHEET 4 OF 38

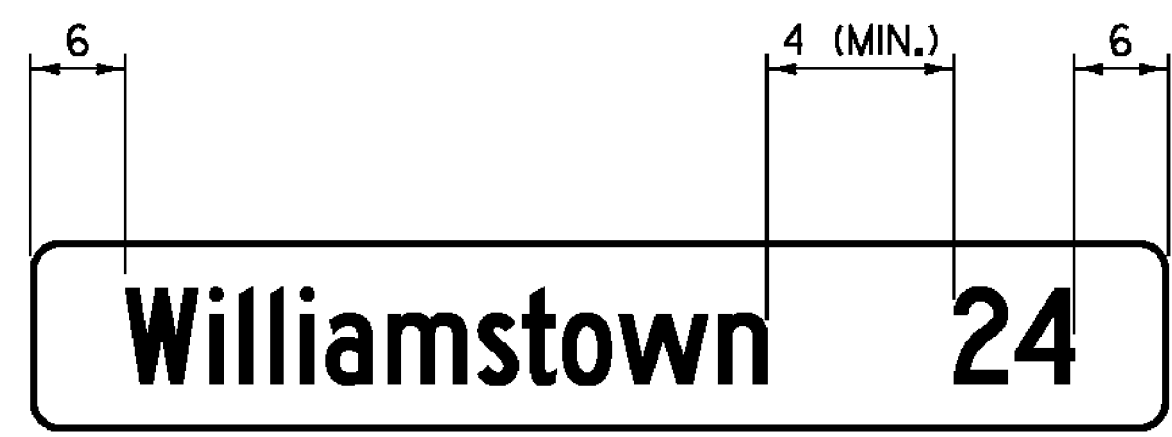
VD1-1



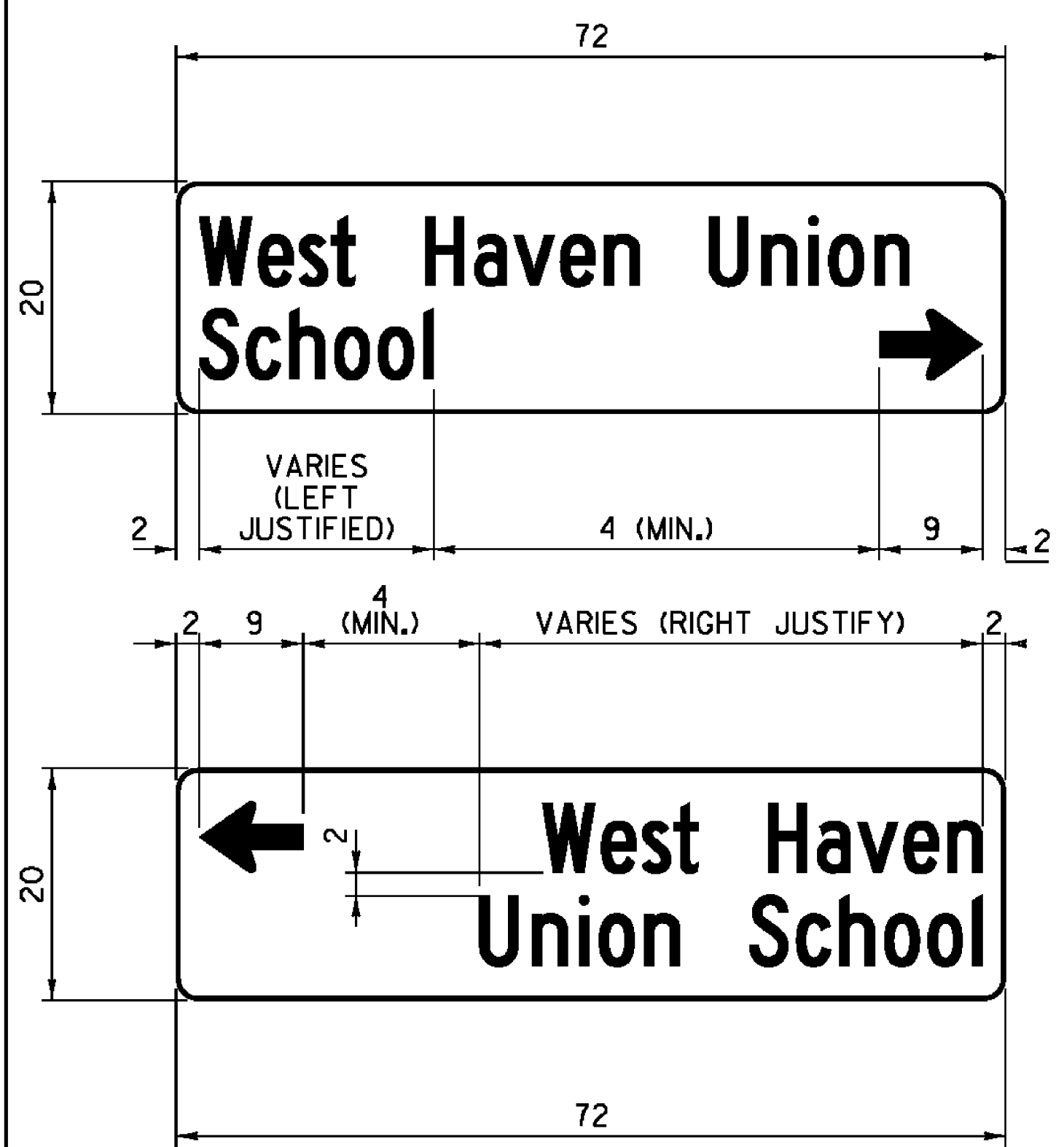
VD1-1A



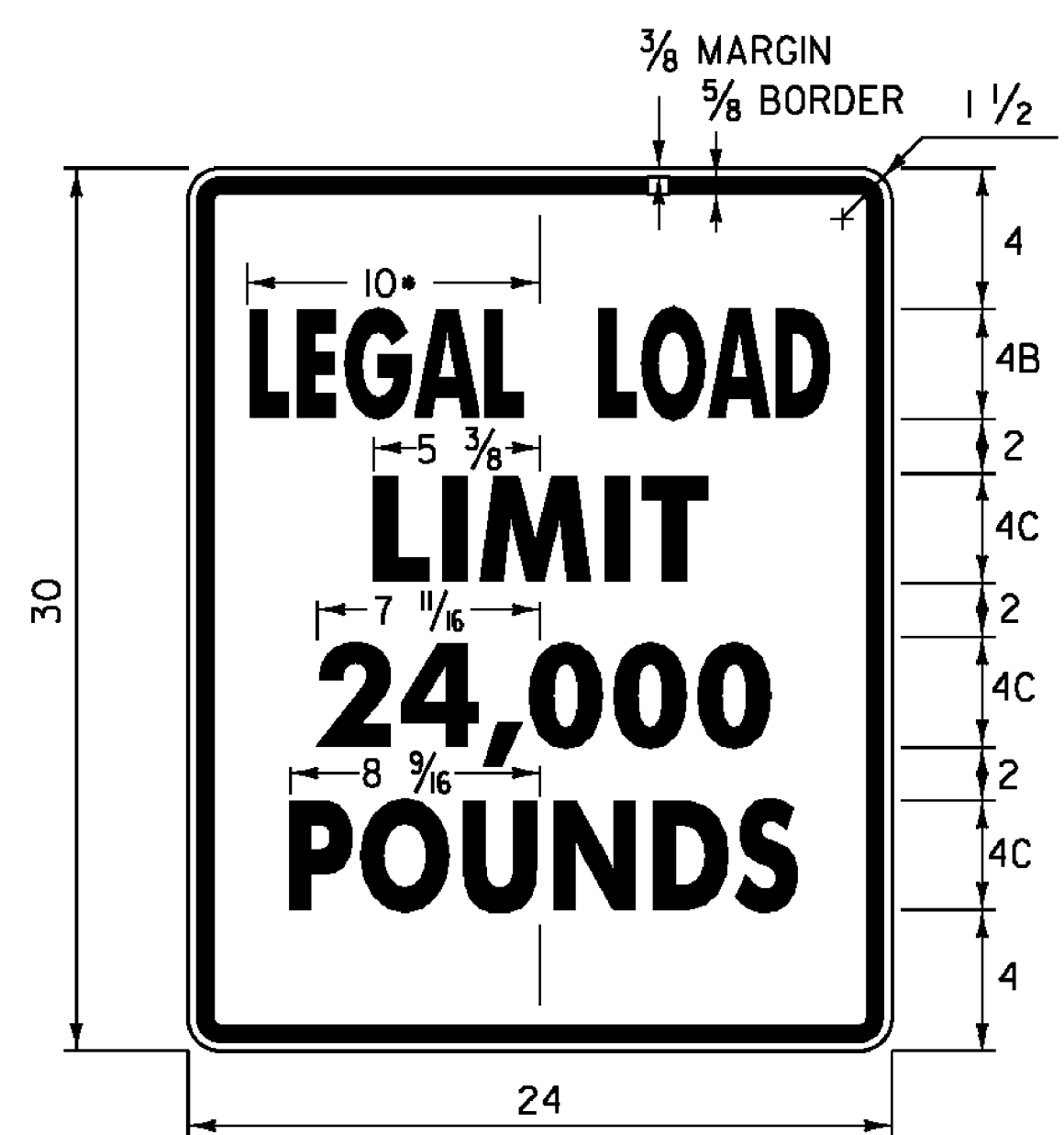
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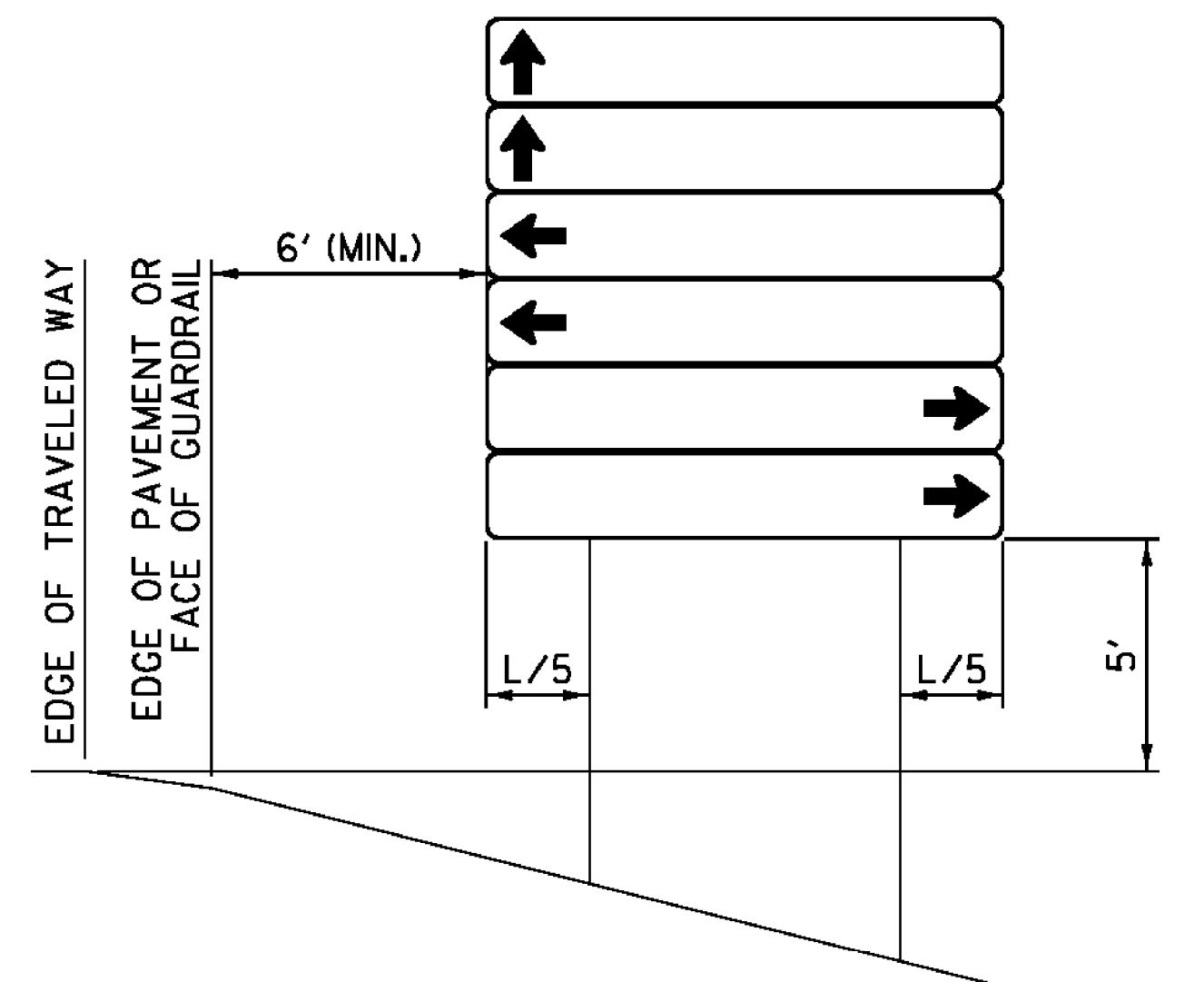
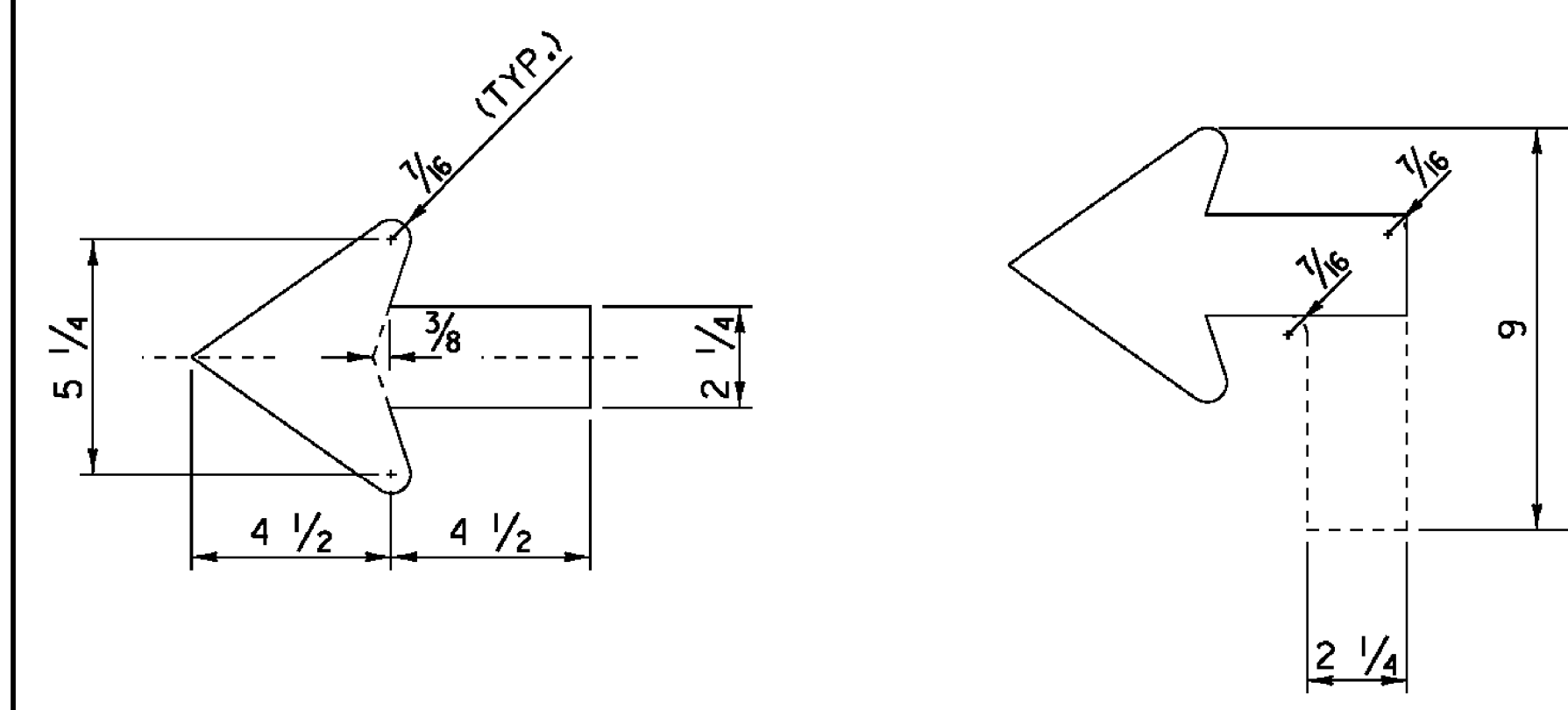
VD2-1S



VR-017



* REDUCE SPACING 50 %
LINE 3 ALTERNATE - 16,000
1.500" RADIUS, 0.625" BORDER, 0.375" INDENT
COLORS: BLACK ON WHITE
TEXT STYLE: "LEGAL LOAD" B; "LIMIT" C;
"24,000" C; "POUNDS" C



INSTALLATION DETAIL

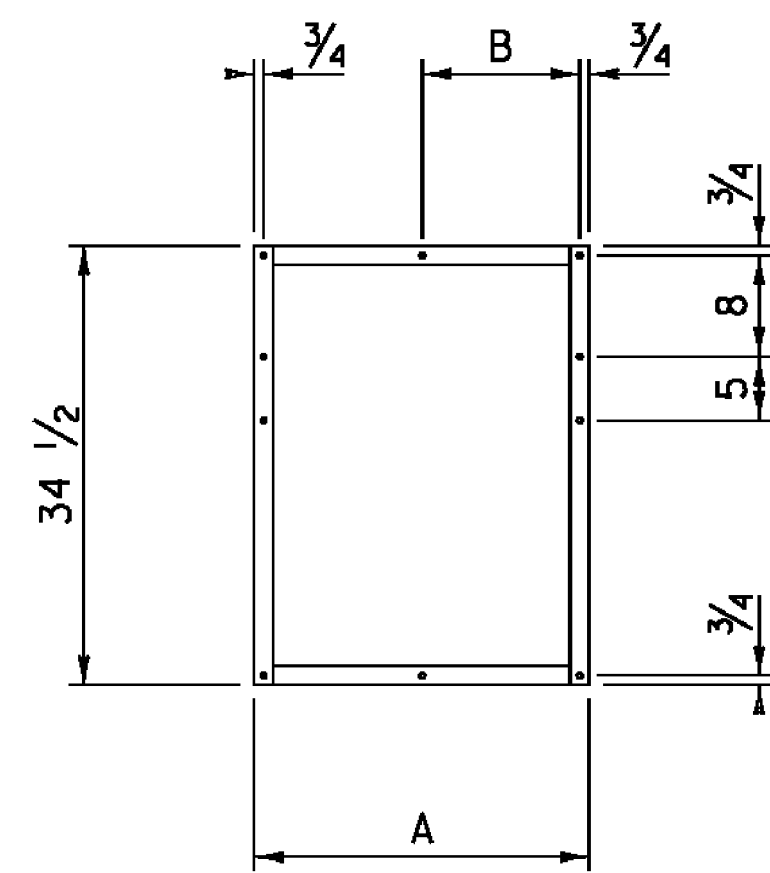
D-BOARD NOTES:

- 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 1/2 INCH RADIUS, UNLESS OTHERWISE NOTED.
- SIGNS SHALL HAVE A 3/8 INCH WIDE BORDER ROUNDED TO A 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 6 SIGNS.
- ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

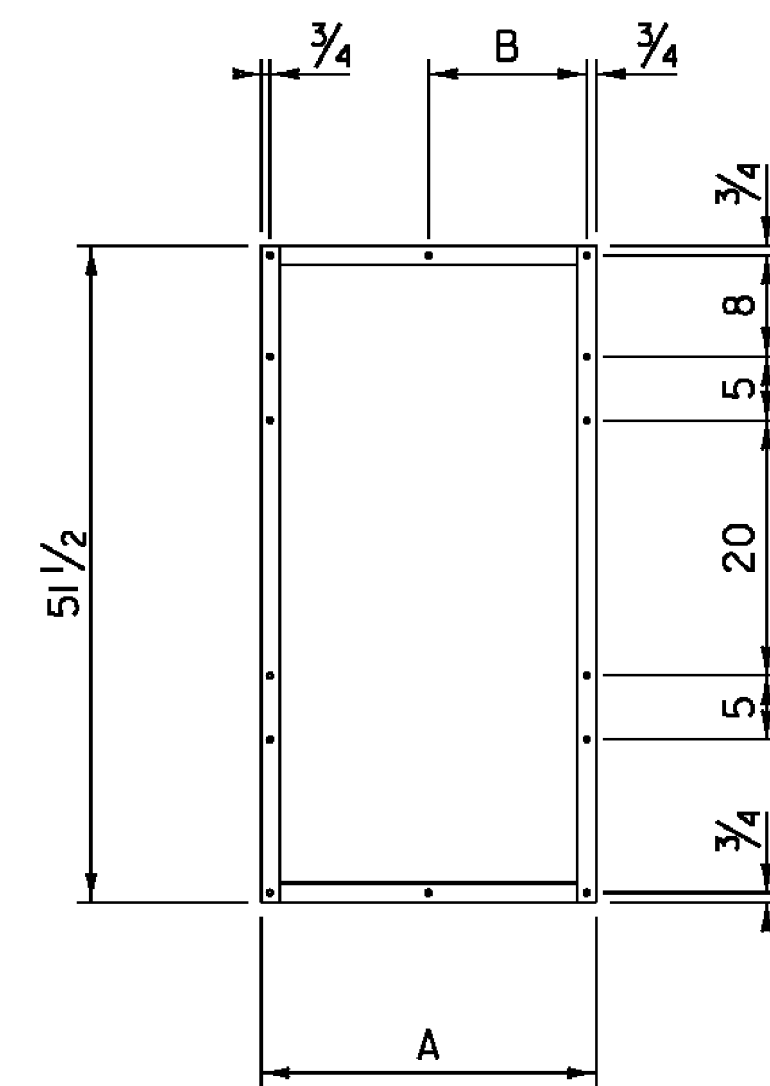
ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.

PROJECT NAME:	STATEWIDE SOUTHEAST REGION
PROJECT NUMBER:	STP HRRR(10)
FILE NAME:	dlok320_wrk.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	NLA
GENERAL SIGN DETAIL SHEET I	
PLOT DATE:	09-AUG-2011
DRAWN BY:	ITS
CHECKED BY:	JLS
SHEET 5	OF 38

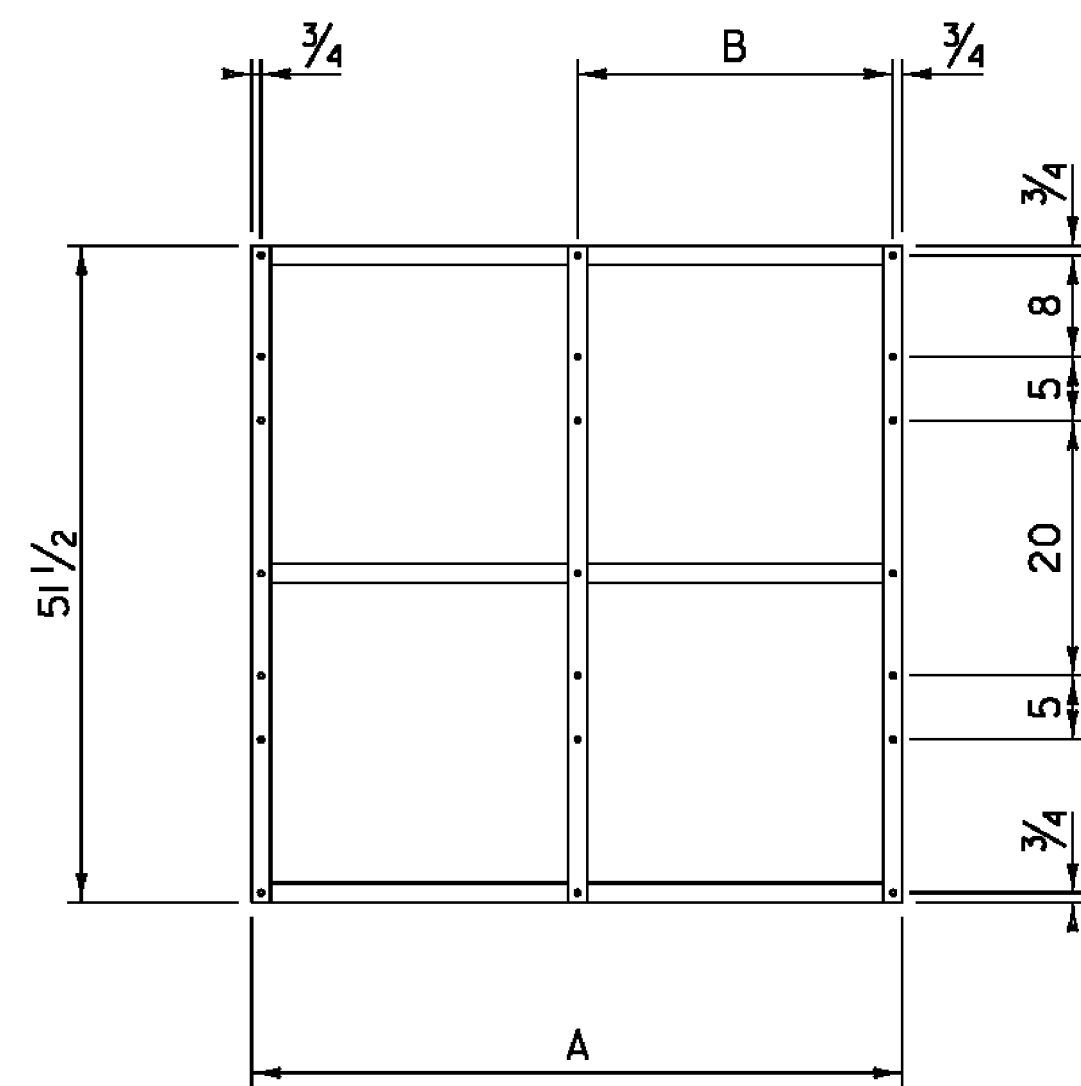
TYPE 1



TYPE 2



TYPE 3

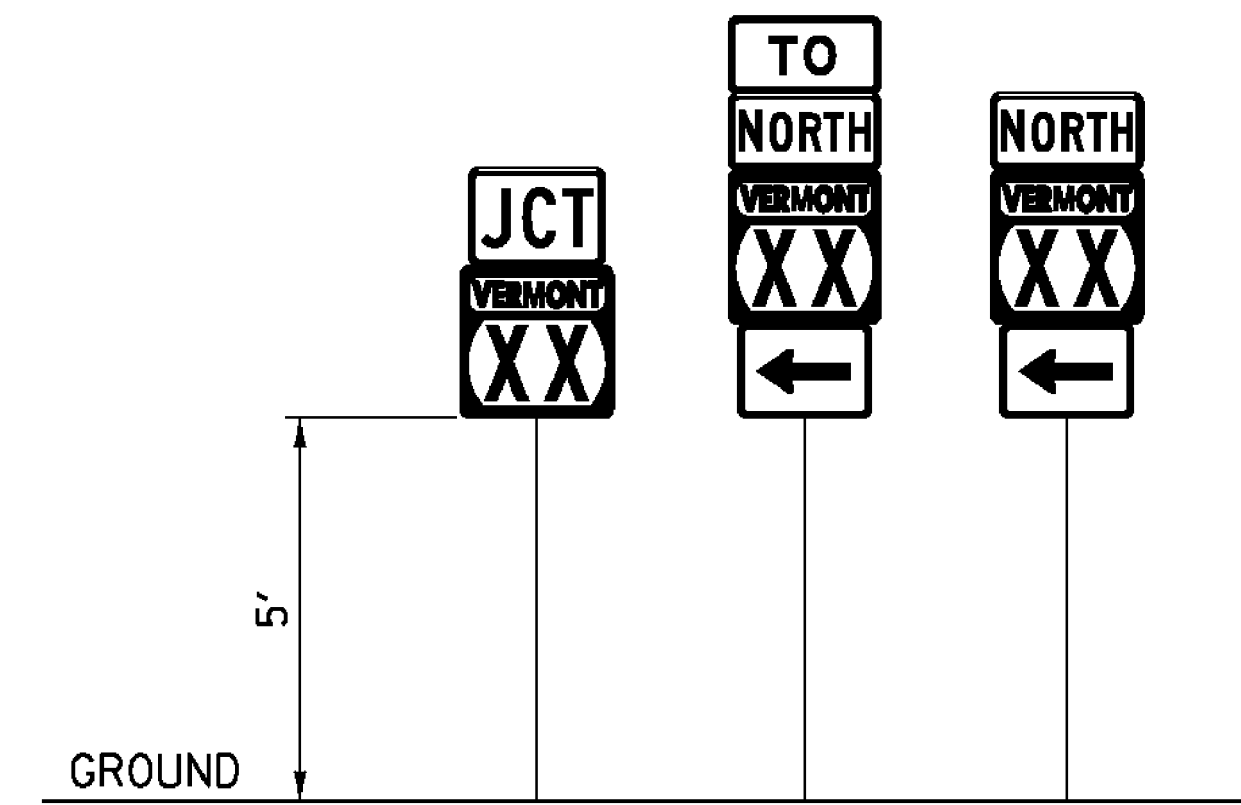


FRAME TYPE	A	B
1A	26 1/2	12 1/2
1B	29 1/2	15 1/2
1C	32 1/2	15 1/2

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

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

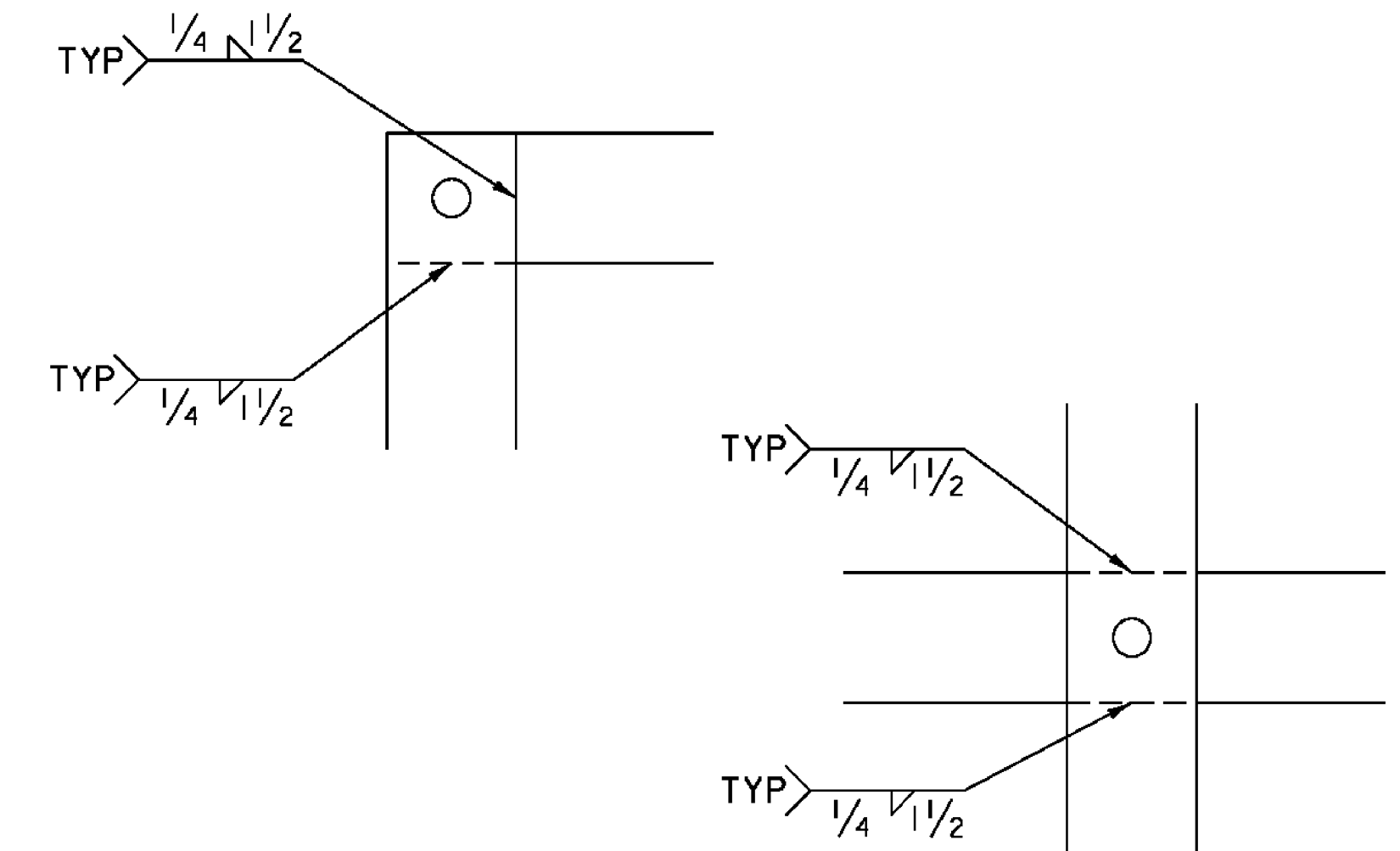
ROUTE MARKER ASSEMBLY FRAMES



GUIDE SIGN PLACEMENT DETAIL

NOTE:

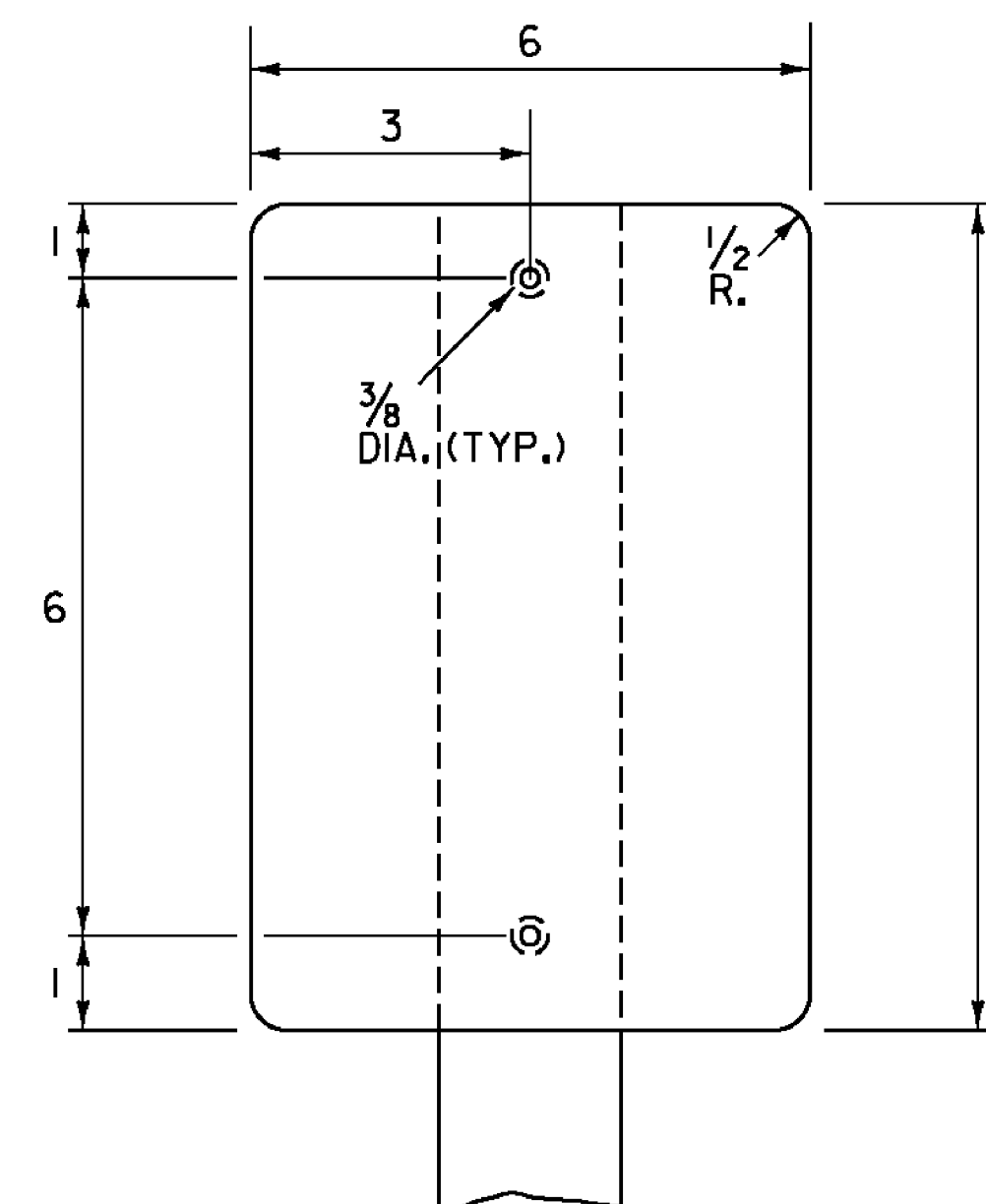
- IN ALL URBAN AREAS AND IN RURAL AREAS WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS, MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO 7 FEET.



WELDING DETAILS

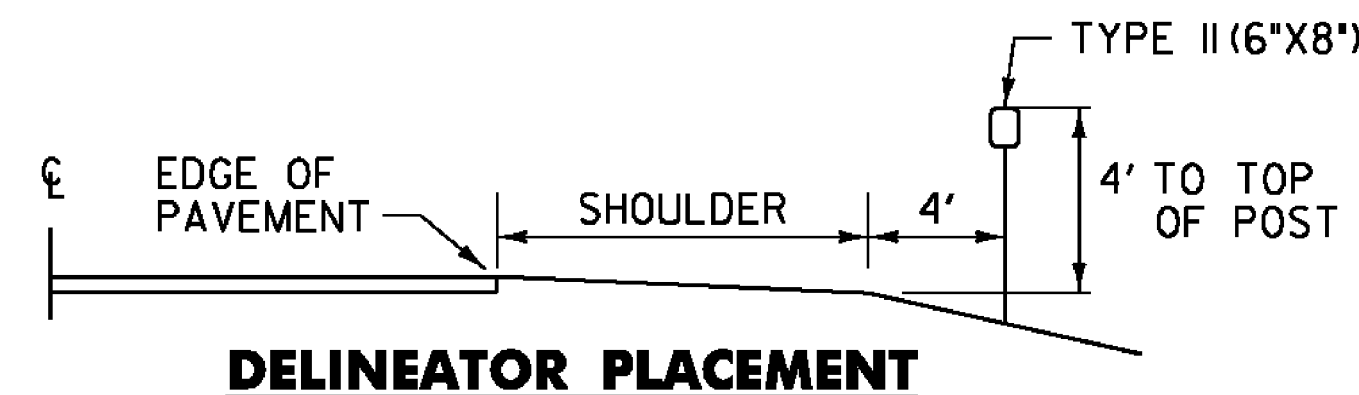
NOTES:

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



**TYPE II (6"X8") DELINEATOR
DELINEATORS WITH RETROREFLECTIVE SHEETING**

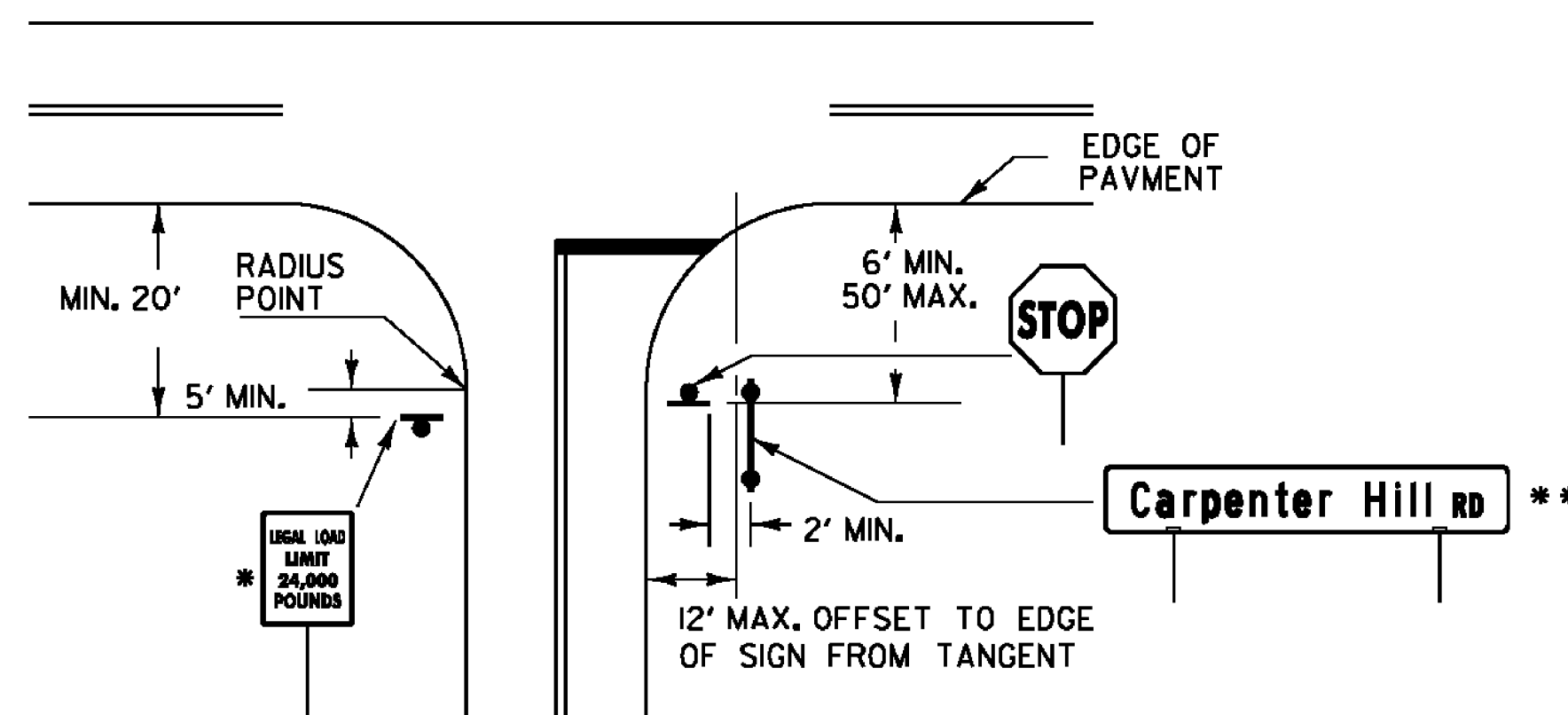
- MATERIAL FOR RETROREFLECTIVE SHEETING FOR DELINEATORS SHALL BE A 0.063" ALUMINUM BACKING WITH A WHITE ASTM TYPE III OR TYPE IV.
- ALL TYPE II (6"X8") DELINEATOR POSTS SHALL BE 1.88 LB/FT SQUARE STEEL WITH A 12 GAUGE ANCHOR, WITH AN ANCHOR REVEAL OF 2 INCHES.
- DELINEATOR POSTS SHALL HAVE A MINIMUM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



STREET NAME SIGNS NOTES:

- THE SIGN BASE MATERIALS USED FOR THE STREET SIGNS MAY BE EITHER OF THE FOLLOWING:
A - EXTRUDED ALUMINUM BLADES
B - FLAT ALUMINUM BLADES

THE MATERIAL FOR THE BLADES SHALL BE EITHER EXTRUDED ALUMINUM WITH A 0.25 INCH FLANGE THICKNESS AND A 0.090 INCH WEB (MIN) OR FLAT SHEET ALUMINUM WITH A MINIMUM THICKNESS OF 0.125 INCH. THE PREFERRED MOUNTING METHOD FOR STREET SIGNS IS POST TOP MOUNTING BRACKETS. HARDWARE FOR MOUNTING SIGNS TO POST SHALL BE INCIDENTAL TO OTHER ITEMS. MOUNTING METHOD WILL BE AS SHOWN ON THE PLANS. FOR POST TOP MOUNTINGS SIGNS SHALL HAVE TEXT ON BOTH SIDES.
- ALL STREET NAME SIGN BASE MATERIAL ON THIS SHEET SHALL HAVE WHITE RETROREFLECTIVE ASTM TYPE III (MINIMUM) TEXT ON A GREEN RETROREFLECTIVE ASTM TYPE III (MINIMUM) BACKGROUND. THE COLORS SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



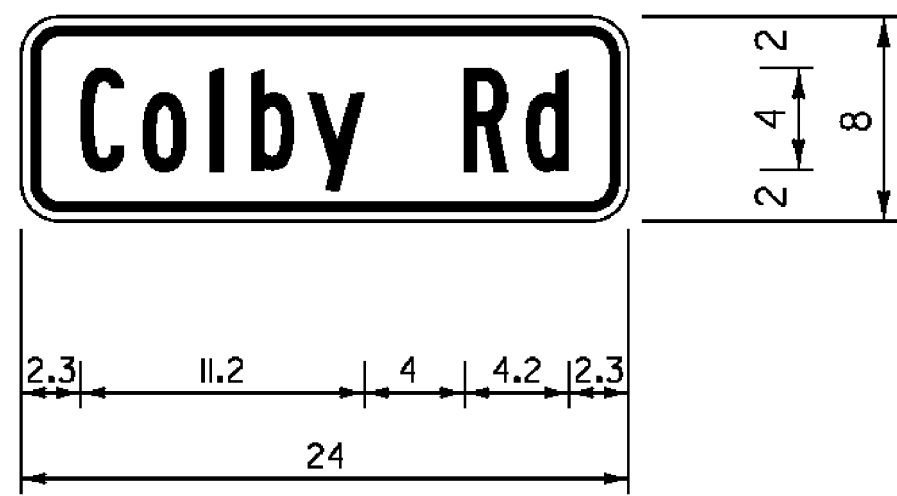
* MAY VARY ACCORDING TO ROADWAY CONDITIONS. SIDE ROAD SPEED LIMIT SIGN MAY BE INSTALLED BENEATH THIS SIGN AS REQUIRED.

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

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

LEGAL LOAD LIMIT AND STOP SIGNS AT INTERSECTIONS WITH TOWN HIGHWAYS

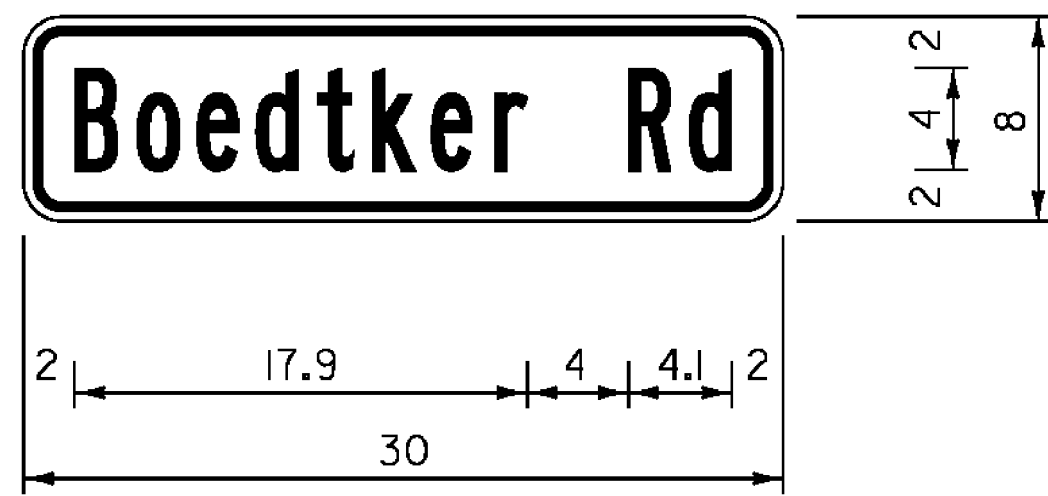
PROJECT NAME:	STATEWIDE SOUTHEAST REGION
PROJECT NUMBER:	STP HRRR(10)
FILE NAME:	dlok320_wrk.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	NLA
GENERAL SIGN DETAIL SHEET 2	
PLOT DATE:	09-AUG-2011
DRAWN BY:	ITS
CHECKED BY:	JLS
SHEET 6	OF 38



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

W16-8P

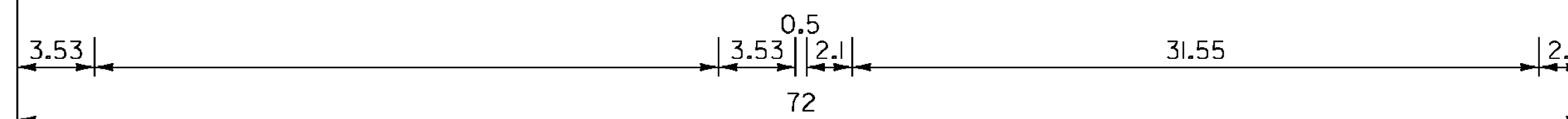
THETFORD



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

W16-8P

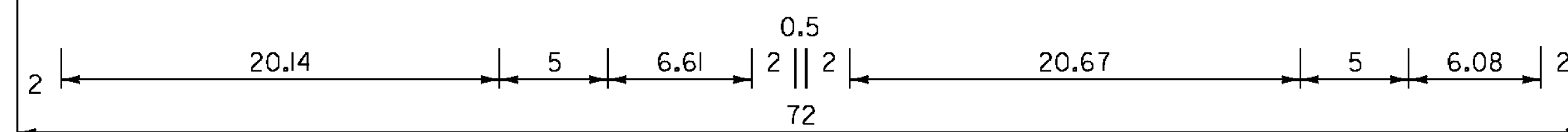
Springfield | Rockingham



No border, White on Green;
[Springfield] White B; Rectangle White; [Rockingham] White B;

VD-024

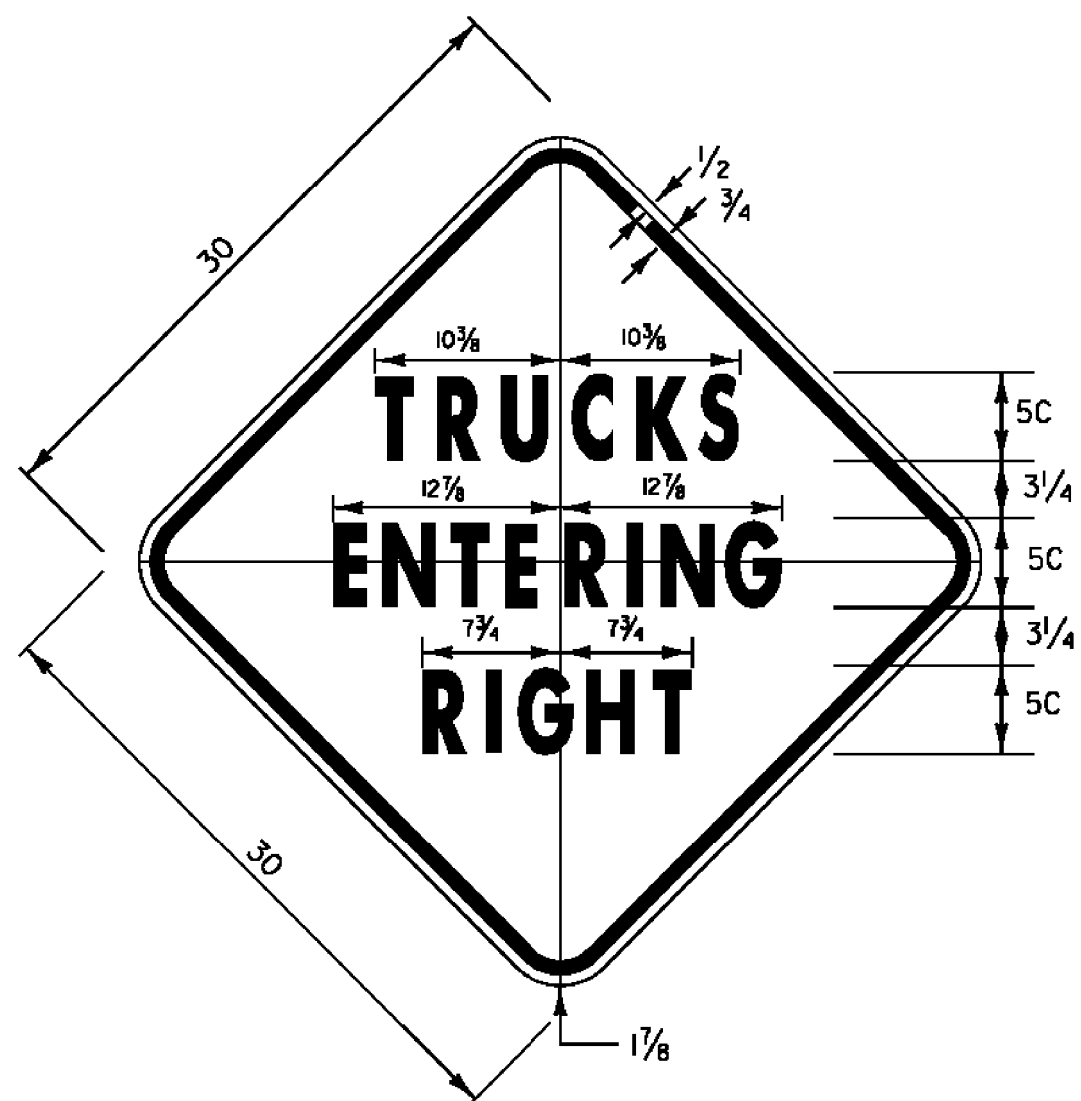
Windsor Co. | Windham Co.



No border, White on Green;
[Windsor Co.] White B 98 spacing; Rectangle White;
[Windham Co.] White B 67 spacing;

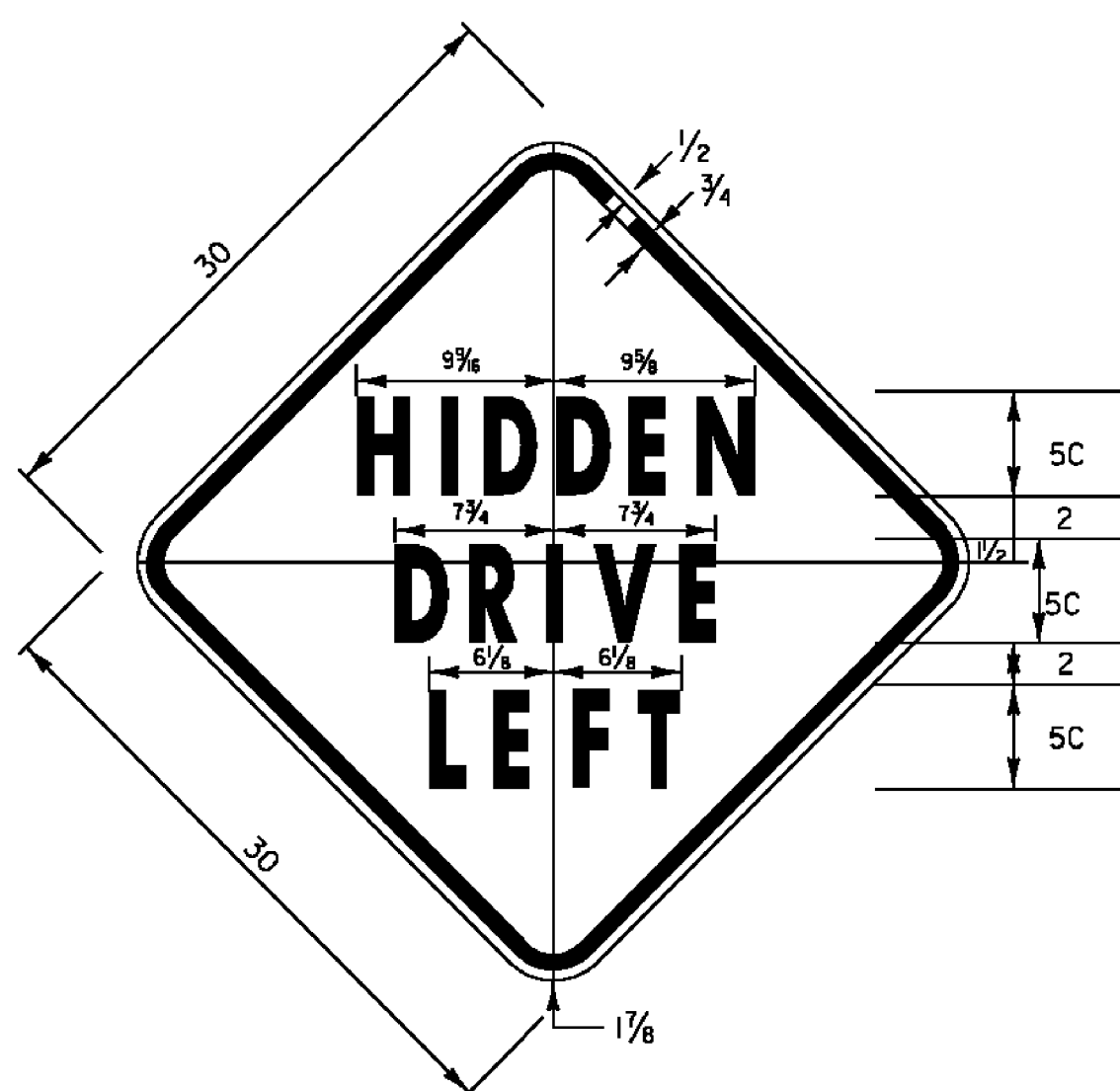
VD-024

SPRINGFIELD



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

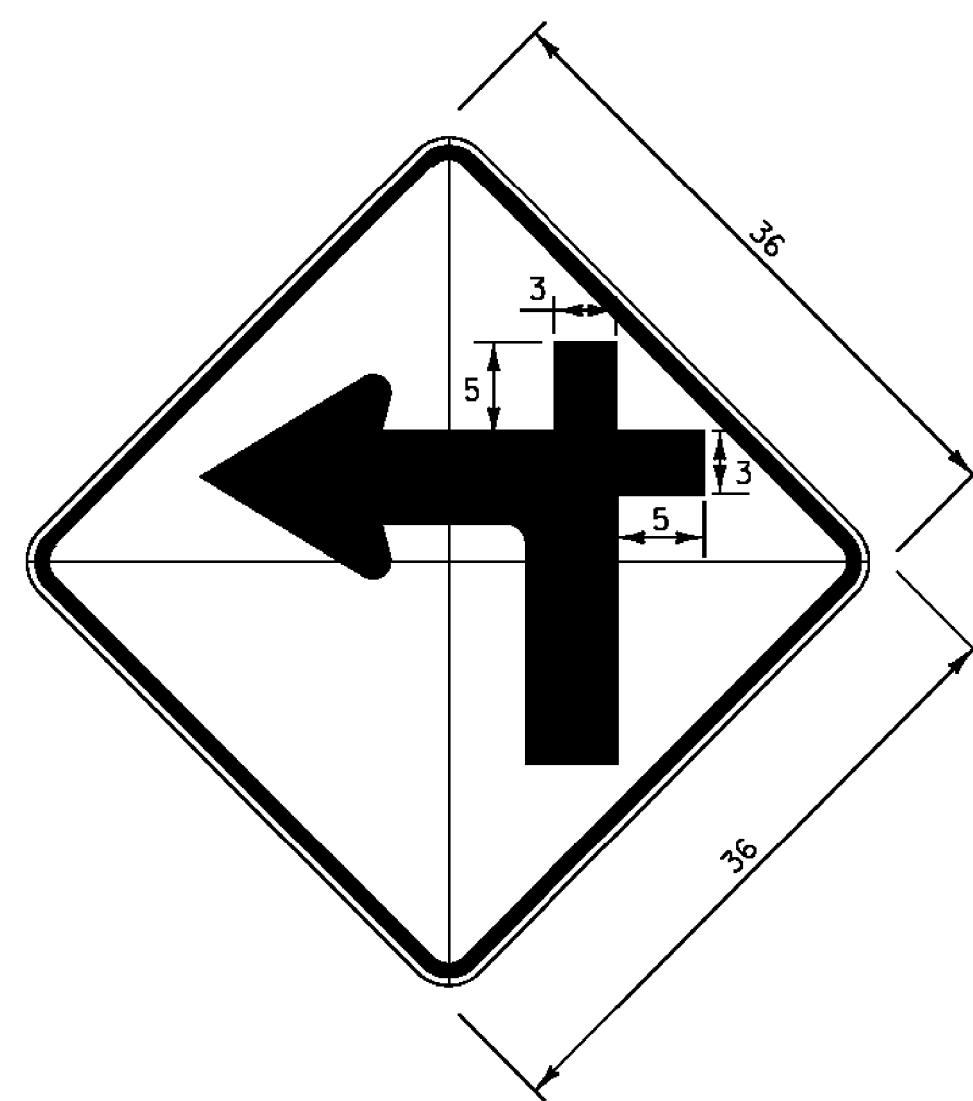
VW-081



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

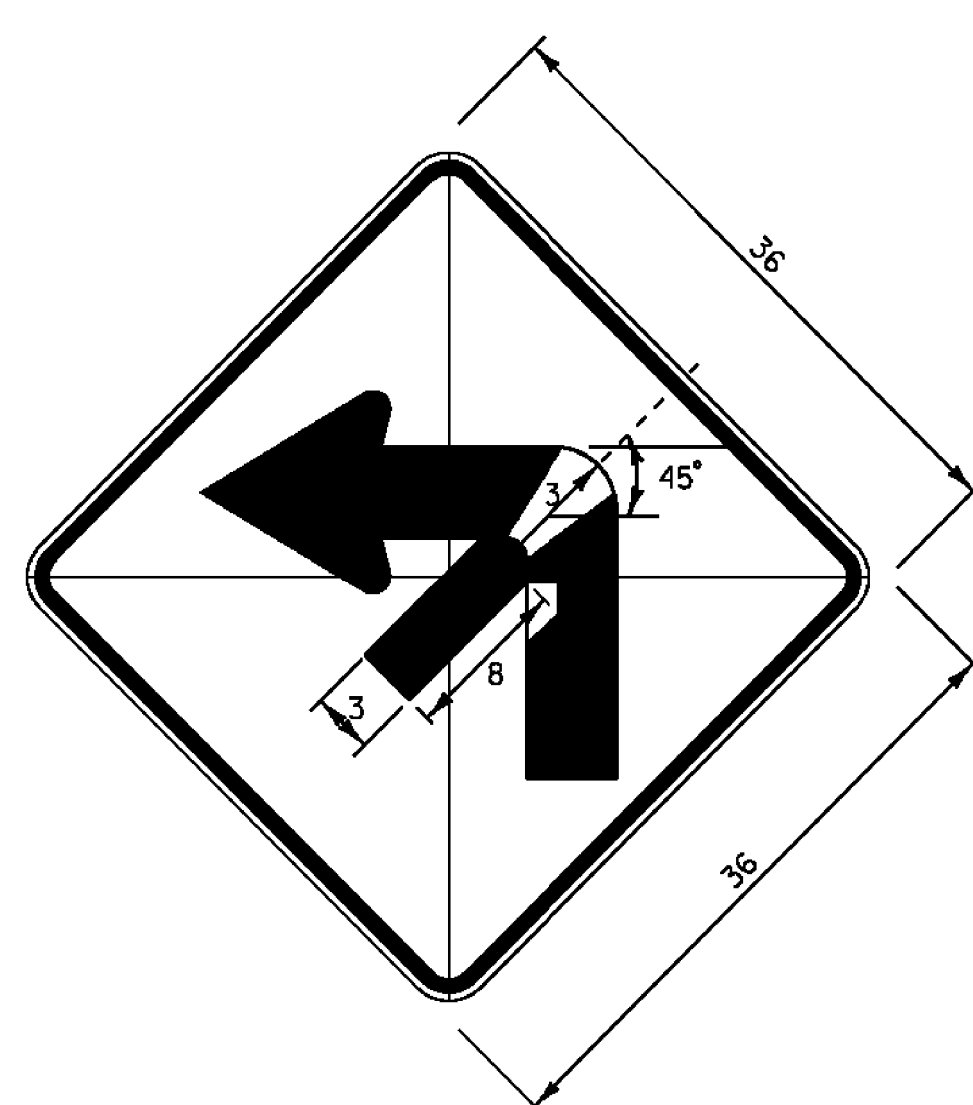
VW-133

PUTNEY



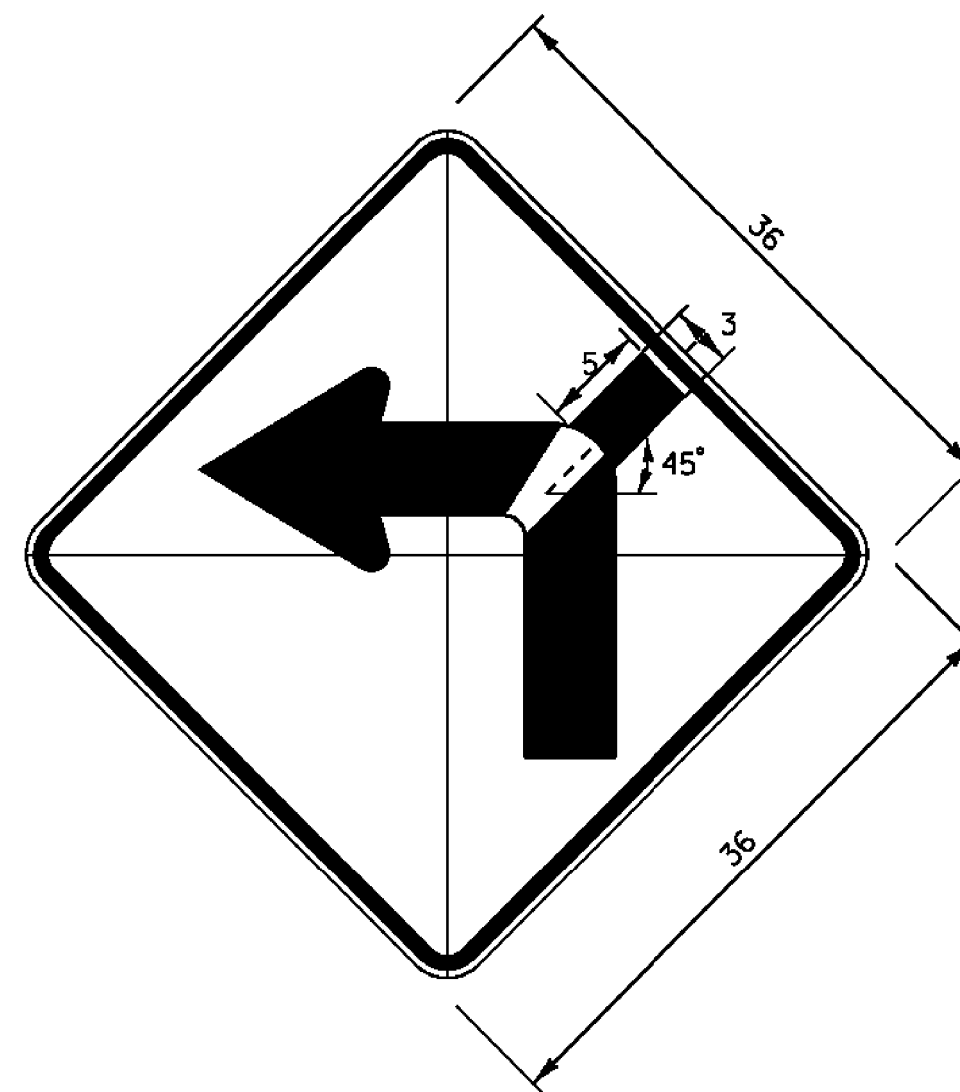
DIMENSIONS NOT SHOWN
FOR THIS DETAIL SHALL CONFORM
TO THE LATEST EDITION OF THE 2009 MUTCD
FOR SIGN DETAIL W1-1,
UNLESS OTHERWISE NOTED FOR THIS DETAIL

W1-1Mc R(L)



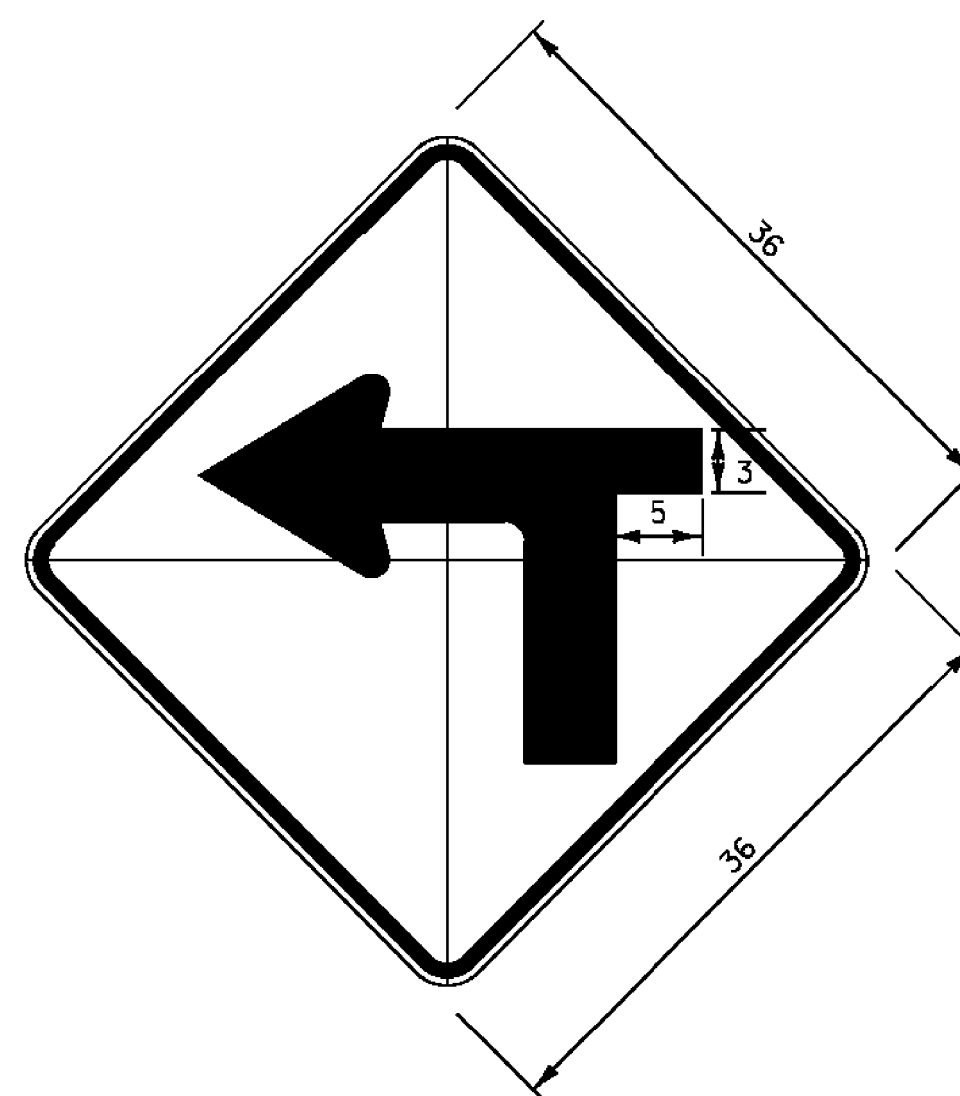
DIMENSIONS NOT SHOWN
FOR THIS DETAIL SHALL CONFORM
TO THE LATEST EDITION OF THE 2009 MUTCD
FOR SIGN DETAIL W1-1,
UNLESS OTHERWISE NOTED FOR THIS DETAIL

W1-1Mf L(R)



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

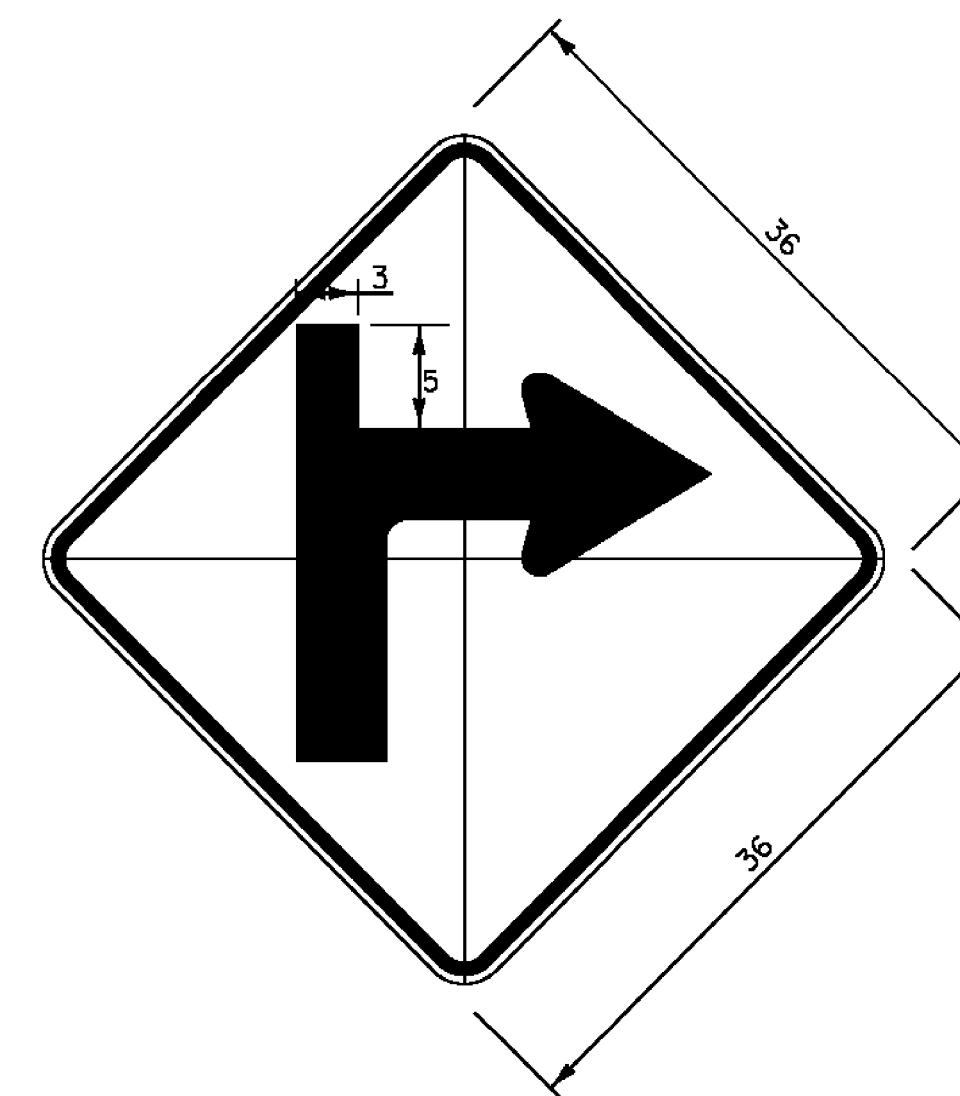
W1-1Md L(R)



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

W1-1Ma L(R)

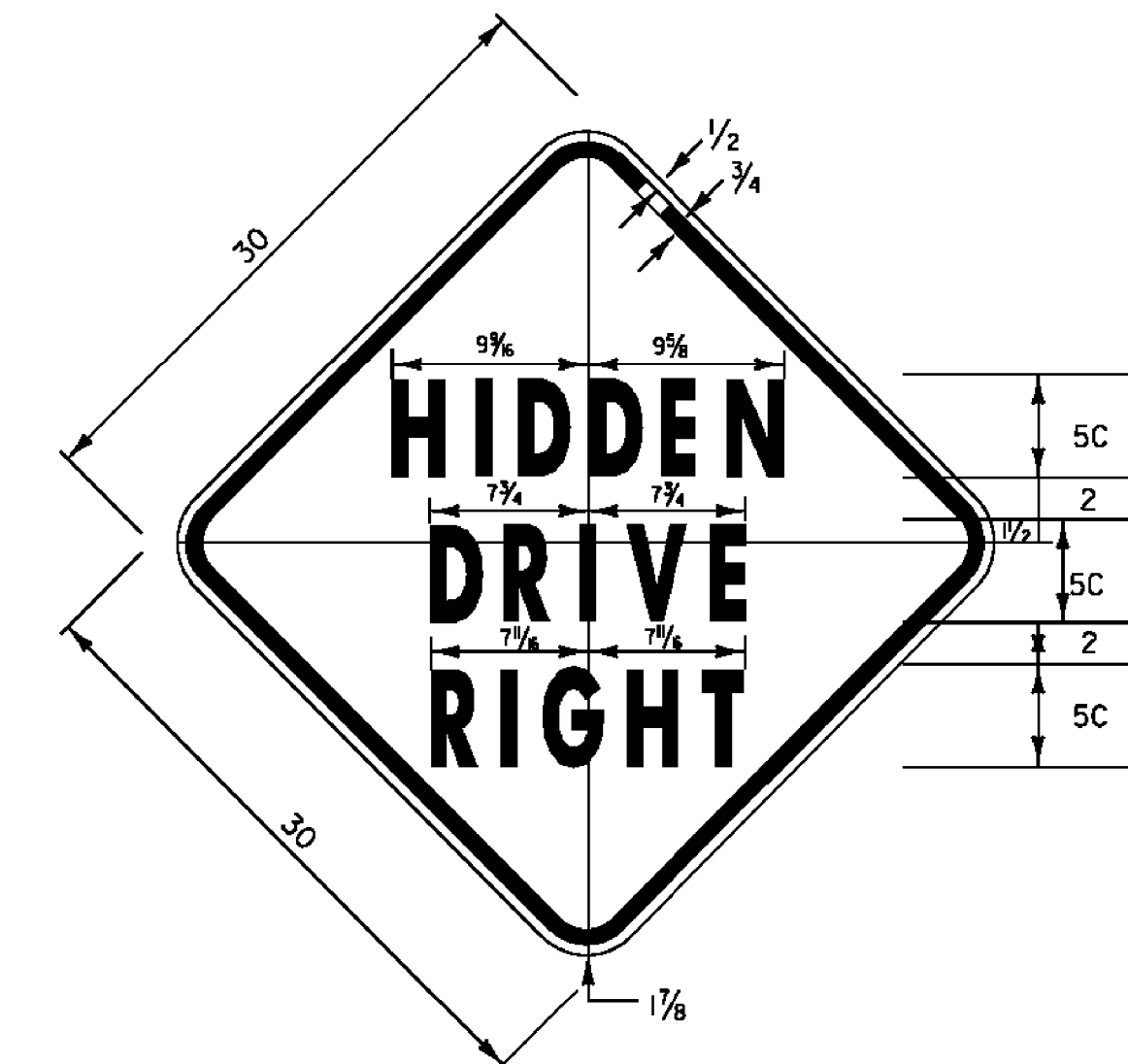
**DUMMERSTON
PUTNEY & THETFORD**



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

W1-1Mb R(L)

**DUMMERSTON, PUTNEY,
SPRINGFIELD & THETFORD**



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

VW-054

PUTNEY & THETFORD

ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.

PROJECT NAME: STATEWIDE SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)

FILE NAME: d10k320_wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
SPECIFIC TOWN SIGN DETAIL SHEET

PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 7 OF 38

TRAFFIC SIGN SUMMARY SHEET 2 - DUMMERSTON

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 SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL				
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	REPLACE		REMOVE	1.75	2.00	2.50	FOUNDATION	3.00	3.50			4.00	5.00	DETAIL IN SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
SB	MM 0.853, LT	E	WI-6R	48	24			8.00															INSTALL NEW SIGN ON 2 POSTS 45 FT NORTH OF POLE #GMP/6/NET/12-4/18	X					
SB	MM 0.860, LT	F	WI-6L	48	24			8.00															INSTALL NEW SIGN ON 2 POSTS 50 FT NORTH OF POLE #GMP/6/NET/12-4/18	X					
SB	MM 0.863, LT	E	WI-IR	48	48																		REMOVE EXISTING SIGN AND POST 60 FT NORTH OF POLE #GMP/6/NET/12-4/18						
SB	MM 0.865, LT	F	WI-IL	48	48																		REMOVE EXISTING SIGN AND POST 65 FT NORTH OF POLE #GMP/6/NET/12-4/18						
SB	MM 0.890, LT	F	WI-IL	30	30			6.25															INSTALL NEW SIGN AND POST 420 FT SOUTH AND ACROSS FROM TUCKER REED ROAD NORTH OF POLE #48296	X					
		F	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-IL SIGN ON THE SAME POST	X					
NB	MM 1.110, RT	C	VR-017	24	30			5.00															REPLACE EXISTING SIGN AND POST 160 FT EAST ON TUCKER REED ROAD			5			
NB	MM 1.120, RT	D	RI-1	30	30		TUCKER REED RD	6.25			X	X	X										REPLACE EXISTING SIGN AND POST ON THE NORTHEAST CORNER OF THE TUCKER REED ROAD	X					
NB	MM 1.250, RT TO MM 1.330, RT	A B		6	8		(14) TYPE II - 6" X 8" WHITE DELINEATORS																INSTALL NEW DELINEATORS (14) BACK-TO-BACK 60 FT APART ON 7 POSTS, INSTALL FIRST DELINEATOR 680-490 FT NORTH OF TUCKER REED ROAD			6			
NB	MM 1.390, RT	A	WI-IR	30	30			6.25															INSTALL NEW SIGN AND POST 317 FT NORTH FROM THE LAST DELINEATORS CHEVRON AT MM 1.419	X					
		A	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-IR SIGN ON THE SAME POST	X					
SB	MM 1.410, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00															INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET 422 FT NORTH AND ACROSS FROM THE LAST DELINEATORS SEPARATE POSTS	X					
SB	MM 1.419, LT	F	WI-8L	18	24																		REMOVE EXISTING SIGN AND POST 470 FT NORTH OF AND ACROSS FROM THE LAST DELINEATOR						
SB	MM 1.430, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00															REPLACE ONE AND INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET 422 FT SOUTH OF AND ACROSS FROM KNAPP ROAD SEPARATE POSTS	X					
SB	MM 1.440, LT	F	WI-8L	18	24																		REMOVE EXISTING SIGN AND POST 370 FT SOUTH OF AND ACROSS FROM KNAPP ROAD						
SB	MM 1.450, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00															INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET 317 FT SOUTH OF AND ACROSS FROM KNAPP ROAD SEPARATE POSTS	X					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".										EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB							
SHEET SUBTOTALS								SF	SF	EA	EA	EA	EA	EA	EA	FT	FT	FT	EA	LB	LB	LB	LB						
								62.25		7	7	10	8	14	14	14	EA	LB	LB	LB	LB								

PROJECT NAME: STATEWIDE SOUTHEAST REGION
 PROJECT NUMBER: STP HRRR(10)
 FILE NAME: d:\0k320_wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 DUMMERSTON TRAFFIC SIGN SUMMARY 2

PLOT DATE: 09-AUG-2011
 DRAWN BY: ITS
 CHECKED BY: JLS
 SHEET 9 OF 38

TRAFFIC SIGN SUMMARY SHEET 1 - HARTFORD

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	FOUNDA-TION	3.00		4.00		DETAIL IN SHS			DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER						
																		1.75	2.00	2.50	3.00						3.50	4.00	5.00			
SB	MM 0.010, LT	F	RI-1	30	30			6.25		*			X	X									ALL STREET SIGNS WERE SALVAGED ONTO THE NEW POSTS.	RETAIN EXISTING SIGN AND POST REPLACE SIGN								
SB	MM 0.010, LT SLIP RAMP	F	RI-1	30	30			6.25		*			X	X										RETAIN EXISTING SIGN AND POST REPLACE SIGN								
SB	MM 0.025, LT	F	W3-1	30	30								X	X										REMOVE EXISTING SIGN AND POST								
NB	MM 0.030, RT	D	RI-1	30	30		ELMWOOD CT.	6.25					X	X	I	13.5'								REPLACE EXISTING SIGN AND POST FOR ELMWOOD COURT	X							
NB	MM 0.064, RT 0.064 0.050, RT	A	R2-1	24	30			5.00					X	X	I	13.5'							INSTALLED AT REMOVED SBSA SIGN LOCATION BELOW.	REPLACE EXISTING SIGN AND POST 74 FT NORTH OF POLE #3-8/3/GMP/3	X							
SB	MM 0.076, LT 0.076 0.050, LT	F	W3-1	30	30			6.25							I	14'								INSTALL NEW SIGN AND POST 160 FT NORTH AND ACROSS FROM POLE #3-8/3/GMP/3	X							
NB	MM 0.064, RT	A	S3-1	30	30								X	X										REMOVE EXISTING SIGN AND POST 74 FT NORTH OF POLE #3-8/3/GMP/3								
SB	MM 0.070, LT	H	RI-1	30	30		SUMMER ST.	6.25				X	X	X	I	13'								REPLACE EXISTING SIGN AND POST FOR SUMMER STREET	X							
NB	MM 0.110, RT	A	WI-3R	30	30			6.25							I	14'								INSTALL NEW SIGN AND POST 15 FT SOUTH OF FIRE HYDRANT	X							
SB	MM 0.120, LT	H	RI-1	30	30		HARRY GIBBS ST	6.25				X	X	X	I	13.5'								REPLACE EXISTING SIGN AND POST FOR HARRY GIBBS STREET	X							
SB NB	MM 0.135, LT RT	H	RI-1	30	30		SCHOOL ST.	6.25				X	X	X	I	14'								REPLACE EXISTING SIGN AND POST FOR SCHOOL STREET	X							
SB	MM 0.140, LT	E	WI-6R	48	24			8.00							2	12' X 12.5'								INSTALL NEW SIGN ON 2 POSTS 15 FT NORTH OF POLE #3-8P7/1209437	X							
SB	MM 0.140, LT	F	WI-6L	48	24			8.00							2	12' X 12.5'								INSTALL NEW SIGN ON 2 POSTS 20 FT NORTH OF POLE #3-8P7/1209437	X							
NB	MM 0.296, RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00							2 +	12.5' X 12.5'								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 30 FT SOUTH AND ACROSS FROM POLE #NET/14/GMP/8 SEPARATE POSTS	X	55216	POLE#					
NB	MM 0.315, RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00							2 +	13' X 14'								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 53 FT NORTH AND ACROSS FROM POLE #NET/14/GMP/8 SEPARATE POSTS	X	55216	POLE#					
NB	MM 0.332, RT	A B	WI-8L WI-8R	18 18	24 24			3.00 3.00							2 +	13' X 13'								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 143 FT NORTH AND ACROSS FROM POLE #NET/14/GMP/8 SEPARATE POSTS	X	55216	POLE#					
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*.																																
SHEET SUBTOTALS								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
								76.50		9	9	14	17	210	222.5	210	222.5															

PROJECT NAME: STATEWIDE SOUTHEAST REGION
 PROJECT NUMBER: STP HRRR(10)
 FILE NAME: d10k320_wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 HARTFORD TRAFFIC SIGN SUMMARY I

PLOT DATE: 09-AUG-2011
 DRAWN BY: ITS
 CHECKED BY: JLS
 SHEET 13 OF 38

TRAFFIC SIGN SUMMARY SHEET 2 - HARTFORD

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 <small>SHS = STANDARD HIGHWAY SIGN BOOK</small>	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 SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
																	lb/ft	lb/ft	lb/ft		lb/ft	lb/ft			lb/ft	lb/ft			
NB	MM 0.349, RT	B	WI-6R	48	24																		REMOVE EXISTING SIGN AND POSTS ACROSS FROM POLE #16/10 MISSING						
NB	MM 0.349, RT	A B	WI-8L WI-8R	18	24			3.00						2		13'								INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET ACROSS FROM POLE #16/10	X				
NB	MM 0.359, RT	D	RI-1	30	30			6.25			X	X	X		X	13'								REPLACE EXISTING SIGN AND POST FOR PAULA STREET	X				
SB	MM 0.394, LT	F	WI-3R	30	30			6.25							1	15'								INSTALL NEW SIGN AND POST ACROSS FROM POLE #GMP/12/NET/18 POLE #55208	X				
SB	MM 0.437, LT	H	RI-1	30	30			6.25			X	X	X		X	13.5'								REPLACE EXISTING SIGN AND POST FOR TRUPELL ROAD	X				
NB	MM 0.513, RT 0.424	A	R2-1	24	30			5.00							1	14'								INSTALL NEW SIGN AND POST 70 FT NORTH OF POLE #GMP/15/1- SOUTH OF TRUPELL RD STOP SIGN	X				
SB	MM 0.513, LT 0.426	F	R2-1	24	30			5.00					X	X	1	15'								INSTALL NEW SIGN AND PST 70 FT NORTH AND ACROSS FROM POLE #GMP/15/1- SOUTH OF TRUPELL RD STOP SIGN	X				
NB	MM 0.565, RT	A	S3-1	30	30								X	X										REMOVE EXISTING SIGN AND POST 80 FT SOUTH OF POLE #GMP/17/23					
SB	MM 0.580, LT	F	W3-5	36	36			9.00							2	14'								INSTALL NEW SIGN ON 2 POSTS 100 FT SOUTH OF POLE #3-8/24/GMP/18 POLE #55197	X				
NB	MM 0.602, RT	A	S3-1	36	36	F-Y-G		9.00							2	14'								INSTALL NEW SIGN ON 2 POSTS 20 FT NORTH AND ACROSS FROM POLE #3-8/24/GMP/18 POLE #55197	X				
NB	MM 0.630, RT	A A	WI-2R VW-060	30 30	30 30			6.25 6.25					X	X	2	16.5'								INSTALL NEW SIGN AND POST ACROSS FROM POLE #GMP/19 POLE #55193	X				
SB	MM 0.680, LT	F	W7-1	30	30			6.25							1	12.5'								INSTALL NEW SIGN AND POST 30 FT NORTH OF POLE #28/20 22	X				
SB	MM 0.557 LT	F	W3-5	36	36						X	X	X	X	2	14'								DUE TO A PROPERTY OWNER COMPLAINT, THIS SIGN WAS MOVED 120' FROM ORIGINAL LOCATION. 45' N. OF POLE #GMP/19/55193					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS 'SIGN POST DESIGN GUIDE'.										EA	EA	EA	EA	EA	EA	FT	FT	FT	LB	LB	LB	LB							
										1	3	2	4	5	180	227													
SHEET SUBTOTALS								SF	SF	EA	EA	EA	EA	EA	EA	FT	FT	EA	LB	LB									
								71.50 65.25		4		5	6	12	16	180	227												

















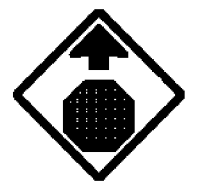

PROJECT NAME: STATEWIDE SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)
FILE NAME: d:\0k320_wrk.dgn PLOT DATE: 09-AUG-2011
PROJECT LEADER: JLS DRAWN BY: ITS
DESIGNED BY: NLA CHECKED BY: JLS
HARTFORD TRAFFIC SIGN SUMMARY 2 SHEET 14 OF 38

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	lb/ft			FOUNDATION	lb/ft				DETAIL IN SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER		
																	1.75	2.00	2.50		3.00	3.50						4.00	5.00
SB	MM 0.713, LT	F E	WI-8L WI-8R	18	24			3.00							2	12'							INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET 100 FT SOUTH OF POLE #75/7-3>7/71 SEPARATE POSTS	X					
SB	MM 0.722, LT	H	RI-2	30	30																		REMOVE EXISTING SIGN AND POST 53 FT SOUTH OF POLE #75/7-3>7/71						
SB	MM 0.722, LT	H	RI-1	30	30		AIKEN RD WEST HILL	6.25		X	X	X			1	13.5'							STREET SIGNS WERE SALVAGED ONTO THE NEW POST.	INSTALL NEW SIGN AND POST 53 FT SOUTH OF POLE #75/7-3>7/71	X				
SB	MM 0.740, LT	F E	WI-8L WI-8R	18	24			3.00							2	12'							INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET 42 FT NORTH OF POLE #75/7-3>7/71 SEPARATE POSTS	X					
SB	MM 0.760, LT	F	WI-IMcL	36	36			9.00							2	14.5'							INSTALL NEW SIGN ON 2 POSTS ADJACENT TO POLE #GMP/74			7			
		F	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-IMcL SIGN ON THE LEFT HAND POST	X					
NB	MM 0.890, RT	A	WI-5R	30	30			6.25							1	14'							INSTALL NEW SIGN AND POST 53 FT SOUTH OF AND ACROSS FROM POLE #7/65	X					
		A	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-5R SIGN ON THE SAME POST	X					
SB	MM 1.120, LT	F	WI-5R	30	30			6.25							1	15.5'							INSTALL NEW SIGN AND POST ADJACENT TO POLE #61/17733/7/56 ACROSS FROM	X					
		F	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-5R SIGN ON THE SAME POST	X					
NB	MM 1.142, RT	A	WI-IMaL	36	36			9.00							2	14'							INSTALL NEW SIGN ON 2 POSTS 30 FT SOUTH OF POLE #7/55/17732			7			
		A	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-IMcL SIGN ON THE LEFT HAND POST	X					
SB	MM 1.160, LT	F	TOWN SIGN	30	30																		REMOVE EXISTING SIGN AND POST 74 FT SOUTH OF AND ACROSS FROM POLE #V 254/58/109853						
NB	MM 1.174, RT	B	WI-6R	48	24			8.00							2	12'							INSTALL NEW SIGN ON 2 POSTS ADJACENT TO POLE #V 254/58/109853	X					
NB	MM 1.174, RT	A	WI-6L	48	24			8.00							2	12'							INSTALL NEW SIGN ON 2 POSTS ADJACENT TO POLE #V 254/58/109853	X					
SB	MM 1.196, LT	F	VW-054	24	30																		REMOVE EXISTING SIGN AND POST SOUTH OF AND ACROSS FROM POLE #V253/57/109850						
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	3	3																
SHEET SUBTOTALS								SF	SF	EA	EA	EA	EA	EA	EA	EA	FT	FT	FT	EA	LB	LB	LB	LB					
								73.75		3	3	13	15																

PROJECT NAME: STATEWIDE SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)
FILE NAME: d10k320.wrkg.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
PUTNEY TRAFFIC SIGN SUMMARY 2
PLOT DATE: 09-AUG-2011
DRAWN BY: ITS
CHECKED BY: JLS
SHEET 17 OF 38

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 O/(in)				SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL					
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	FOUNDATION			lb/ft					DETAIL IN SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER			
																	1.75	2.00	2.50	3.00	3.50	4.00						5.00	7.60	9.00
NB	MM 2.013, RT	A	WI-5L	30	30			6.25					X		X	I	15'	X						REPLACE EXISTING SIGN AND POST 21 FT SOUTH OF POLE #GMP/24 POLE #17571	X					
		A	WI3-IP	18	18			2.25															INSTALL NEW PLAQUE BELOW WI-5L SIGN ON THE SAME POST	X						
NB	MM 2.069, RT	A	WI-8L	18	24			3.00								2	8'	X						INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET 79 FT SOUTH OF POLE #18/GMP/18 SEPARATE POSTS	X					
		B	WI-8R	18	24			3.00								+	12'	X												
NB	MM 2.084, RT	A	WI-8L	18	24			3.00								2	12'	X						INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN-BRACKET ADJACENT TO POLE #18/GMP/18 SEPARATE POSTS	X					
		B	WI-8R	18	24			3.00								+	12'	X												
SB	MM 2.124, LT	F	TOWN SIGN	24	24								X		X									REMOVE EXISTING SIGN AND POST ACROSS FROM POLE #17/GMP/17						
SB	MM 2.124, LT	F	VW-054 VW-081	30	30		 	6.25								I	15'	X						INSTALL NEW SIGN AND POST ACROSS FROM POLE #17/GMP/17			7			
SB	MM 2.130, LT TO MM 2.223, LT	F E		6	8		(18) TYPE II - 6" X 8" WHITE DELINEATORS																	INSTALL NEW DELINEATORS BACK-TO-BACK 60 FT APART ON 9 POSTS, INSTALL THE FIRST SET 32 FT NORTH OF AND ACROSS FROM POLE #17/GMP/17			6			
NB	MM 2.291, RT	A	WI-IL	30	30			6.25					X		X	I	15.5'	X						REPLACE EXISTING SIGN AND POST 322 FT NORTH OF AND ACROSS FROM POLE #17565	X					
		A	WI3-IP	18	18			2.25																INSTALL NEW PLAQUE BELOW WI-IL SIGN ON THE SAME POST	X					
SB	MM 2.393, LT	F	WI-IR	30	30			6.25								I	15'	X						INSTALL NEW SIGN AND POST ACROSS FROM POLE #GMP/8/8 POLE #17558	X					
		F	WI3-IP	18	18			2.25																INSTALL NEW PLAQUE BELOW WI-IR SIGN ON THE SAME POST	X					
SB	MM 2.410, LT	F	WI-2R	30	30								X		X									REMOVE EXISTING SIGN AND POST 243 FT SOUTH OF AND ACROSS FROM POLE #GMP/6 POLE #17556						
SB	MM 2.456, LT	F	WI-5R	30	30			6.25								I	15'	X						INSTALL NEW SIGN AND POST ACROSS FROM POLE #GMP/6 POLE #17556	X					
		F	WI3-IP	18	18			2.25																INSTALL NEW PLAQUE BELOW WI-5R SIGN ON THE SAME POST	X					
NB	MM 2.547, RT	A	W3-I	30	30			6.25								I	14'	X						INSTALL NEW SIGN AND POST 69 FT NORTH OF POLE #GMP/3	X					
SB	MM 2.570, LT	H	RI-1	30	30			6.25					X		X	I	12'	X						REPLACE EXISTING SIGN AND POST 25 FT FROM THE SOUTHWEST CORNER OF CROSS ROAD AND WEST HILL ROAD 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".											EA	EA	EA	EA	EA	EA	EA	5	5	FT	FT	FT	LB	LB	LB	LB	PROJECT NAME: STATEWIDE SOUTHEAST REGION PROJECT NUMBER: STP HRRR(10) FILE NAME: d10k320.wr.k.dgn PROJECT LEADER: JLS DESIGNED BY: NLA PUTNEY TRAFFIC SIGN SUMMARY 4			
SHEET SUBTOTALS								SF	SF		EA	EA	EA	EA	EA	EA	EA	9	II	FT	FT	FT	EA	LB				PLOT DATE: 09-AUG-2011 DRAWN BY: ITS CHECKED BY: JLS SHEET 19 OF 38		
								64.75			5																			

TRAFFIC SIGN SUMMARY SHEET 5

DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS					NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL							
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN		REMOVE	lb/ft			lb/ft					DETAIL IN SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER					
																	1.75	2.00	2.50	3.00	3.50	4.00						5.00				
SB	MM 2.600, LT	F	WI-5R	36	36																					REMOVE EXISTING SIGN AND POST ADJACENT TO POLE *GMP/I						
		F	R2-1	24	30																					REMOVE EXISTING SIGN ADJACENT TO POLE *GMP/I						
		F	VR-017	24	30																					REMOVE EXISTING SIGN ADJACENT TO POLE *GMP/I						
SB	MM 2.600, LT	F	R2-1	24	30			5.00								I	15'	X								X	INSTALL NEW SIGN AND POST ADJACENT TO POLE *GMP/I					
		F	RI2-1	24	30		 LLL 24,000 POUNDS	5.00																		X	INSTALL NEW SIGN BELOW R2-1 SIGN ON THE SAME POST					
NB	MM 2.620, RT	A	RI-1	30	30			6.25								I	12.5'	X								X	REPLACE EXISTING SIGN AND POST NORTH OF AND ACROSS FROM POLE *GMP/I					
SB	MM 2.620, LT	E	RI-1	30	30			6.25								I	13'	X								X	INSTALL NEW SIGN AND POST NORTH OF POLE *GMP/I AND ACROSS FROM EXISTING STOP SIGN					
NB	1.198 RT		R2-1	24	30			5.00								I	12.5'	X									SIGN INSTALLED ON HOUGHTON BROOK RD.					
SB	0.30 ~ 0.65 LT			6	8		25 TYPE II 6" x 8" WHITE DELINEATORS, ONE PER POST FACING MOTORISTS IN THE SB LANE SHOULDER.																				NEW DELINEATORS INSTALLED ON SIDE FACING MOTORISTS (SINGLE) AT 50' SPACING AS REQUESTED BY TOWN ROAD FORMAN. SEE ALSO SHEET #36					
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		PROJECT NAME: STATEWIDE SOUTHEAST REGION PROJECT NUMBER: STP HRRR(10)						
SHEET SUBTOTALS								SF	SF	EA	EA	EA		FT	EA	LB		FILE NAME: d:\0k320_wrk.dgn PROJECT LEADER: JLS DESIGNED BY: NLA PUTNEY TRAFFIC SIGN SUMMARY 5							PLOT DATE: 09-AUG-2011 DRAWN BY: ITS CHECKED BY: JLS SHEET 20 OF 38							
								22.50 27.50		4	2	3	45 53.0	45 53.0																		

TRAFFIC SIGN SUMMARY SHEET 4 - SPRINGFIELD


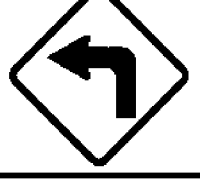






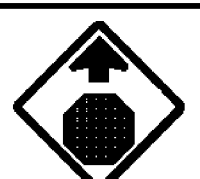





DIRECTION	MILEMARKER, STATION, OR SIGN NUMBER	LOCATION	MANUAL ON UNIFORM TRAFFIC DEVICES OR STATE CODE	SIGN DIMENSIONS		SHEETING REMARKS	SIGN LEGEND	NEW SIGNS		EXISTING SIGNS						NO. OF NEW POSTS	SQUARE STEEL (in)			TUBULAR STEEL (in)				SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL		
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN	REMOVE		lb/ft			lb/ft						DETAIL IN SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
																	1.75	2.00	2.50	3.00	3.50	4.00	5.00					
											1.88	2.42	3.35	FOUNDATION	7.60	9.00	10.80	14.60										
NB	MM 1.872, RT	C	WI4-2	30	30			6.25									1	12.5'	X						INSTALL NEW SIGN AND POST SOUTH OF RUUSUNEN ROAD	X		
NB	MM 1.877, RT	C	R2-1	24	30																				REMOVE EXISTING SIGN AND POST NORTH OF RUUSUNEN ROAD AND BACK-TO-BACK WITH STOP SIGN MISSING			
NB	MM 1.877, RT	D	RI-1	30	30			6.25										12.5'	X						INSTALL NEW SIGN AND POST NORTH OF RUUSUNEN ROAD	X		
SB	MM 1.897, RT	H	RI-1	30	30			6.25										12.5'	X						INSTALL NEW SIGN AND POST SOUTH OF POPPE ROAD	X		
NB	MM 2.010, RT	A	WI-IR	30	30			6.25										13.5'	X						INSTALL NEW SIGN AND POST 392 FT SOUTH OF POLE #352/38/CV6T/VTC #13	X		
		A	WI3-IP	18	18			2.25																	INSTALL NEW PLAQUE BELOW WI-IR ON THE SAME POST	X		
SB	MM 2.036, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00									2 +	12' X 12'							INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 128 FT SOUTH OF AND ACROSS FROM POLE #352/38/CV6T/VTC #13 SEPARATE POSTS 13	X		
SB	MM 2.051, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00									2 +	12' X 12'							INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 48 FT SOUTH OF AND ACROSS FROM POLE #352/38/CV6T/VTC #13 SEPARATE POSTS 13	X		
SB	MM 2.066, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00									2 +	12' X 12'							INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 32 FT NORTH OF AND ACROSS FROM POLE #352/38/CV6T/VTC #13 SEPARATE POSTS 13	X		
SB	MM 2.082, LT	F	WI-IL	30	30			6.25										17'	X						INSTALL NEW SIGN AND POST 116 FT NORTH OF AND ACROSS FROM POLE #352/38/CV6T/VTC #13	X		
		F	WI3-IP	18	18			2.25																	INSTALL NEW PLAQUE BELOW WI-IL SIGN ON THE SAME POST	X		
SB	MM 2.375, LT	F	R2-1	24	30			5.00										13'	X						INSTALL NEW SIGN AND POST ADJACENT TO POLE #791/19 ACROSS FROM	X		
NB	MM 2.396, RT	A	TOWN SIGN	30	30																				REMOVE EXISTING SIGN AND POST 111 FT NORTH OF POLE #791/19			
NB	MM 2.429, RT	A	WI-IMdR	36	36			9.00										13' X 14'							INSTALL NEW SIGN ON 2 POSTS 285 FT NORTH OF POLE #791/19		7	
		A	WI3-IP	18	18			2.25																	INSTALL NEW PLAQUE BELOW WI-IMdR SIGN ON THE LEFT HAND POST	X		
SB	MM 2.474, LT	F E	WI-8L WI-8R	18 18	24 24			3.00 3.00									2 +	12.5' X 12.5'							INSTALL NEW BACK-TO-BACK CHEVRON SIGNS ON SIGN BRACKET 90 FT SOUTH OF POLE #CTC 17/791/16 SEPARATE POSTS			
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	PROJECT NAME: STATEWIDE SOUTHEAST REGION PROJECT NUMBER: STP HRRR(10)		
											EA	EA	EA	EA	EA		FT	FT	FT		EA	LB	FILE NAME: d10k320.wrk.dgn PROJECT LEADER: JLS DESIGNED BY: NLA SPRINGFIELD TRAFFIC SIGN SUMMARY 4					
SHEET SUBTOTALS								SF	SF		EA	EA	EA	EA	EA		FT	FT	FT		EA	LB	PLOT DATE: 09-AUG-2011 DRAWN BY: ITS CHECKED BY: JLS SHEET 25 OF 38					
								76.00			-2-3	2	-16				180-205											

TRAFFIC SIGN SUMMARY SHEET 1 - THETFORD

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 O/(in)				SIGN FRAME REQUIRED	REMARKS SHS = STANDARD HIGHWAY SIGN BOOK	SIGN DETAIL							
				WIDTH	HEIGHT			"A"	"B"	RETAIN	SALVAGE FROM	SALVAGE TO	REMOVE	RETAIN	REMOVE		lb/ft			FOUNDATION	lb/ft					DETAIL IN SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER					
																	1.75	2.00	2.50		3.00	3.50	4.00						5.00				
								1.88	2.42	3.35					7.60	9.00	10.80	14.60															
EB	MM 0.000, RT	A	R2-1	24	30			5.00								1	12.5'	X							INSTALL NEW SIGN AND POST AT TOWN LINE DIRECTLY ACROSS FROM R2-1 SIGN	X							
WB	MM 0.000, LT	F	R2-1	24	30			5.00						X	X	1	13'	X							REPLACE EXISTING SIGN AND POST AT TOWN LINE	X							
EB	MM 0.105, RT	A	WI-IMbL	36	36			9.00								2	13.5'	X							INSTALL NEW SIGN ON 2-POST 80 FT WEST OF POLE #48-1		7						
		A	WI6-8P	24	8			1.33																DUE TO E-911 ADDRESS CHANGES, THIS SIGN WAS CHANGED TO COLBY ROAD NORTH.			7						
EB	MM 0.148, RT	D	RI-2	36	36			3.89								2	13'	X							INSTALL NEW SIGN ON 2 POSTS AT THE INTERSECTION OF COLBY ROAD IN THE ISLAND FACING COLBY ROAD	X							
EB	MM 0.160, RT	D	RI-2	36	36			3.89								2	14'	X							INSTALL NEW SIGN ON 2 POSTS AT THE INTERSECTION OF COLBY ROAD EAST OF THE ISLAND ON THE RAMP FOR COLBY ROAD	X							
WB	MM 0.180, LT	F	WI-IMaR	36	36			9.00								2	13.5'	X							INSTALL NEW SIGN AND POST 160 FT EAST AND ACROSS FROM INTERSECTION OF COLBY ROAD		7						
		F A	WI6-8P	24	8			1.33																	SEE NOTE ABOVE. THE OLD SIGNS WERE GIVEN TO THE TOWN.			7					
EB	MM 0.210, RT	A	WI-5R	30	30			6.25								1	15'	X							INSTALL NEW SIGN AND POST 65 FT WEST AND ACROSS FROM MAIL BOX	X							
		A	WI3-IP	18	18			2.25																	INSTALL NEW PLAQUE BELOW WI-5R SIGN ON THE SAME POST	X							
WB	MM 0.220, LT	F	WI-6L	48	24			8.00								2	12'	X							INSTALL NEW SIGN ON 2 POSTS 15 FT WEST OF MAIL BOX	X							
WB	MM 0.230, LT	E	WI-6R	48	24			8.00								2	13'	X							INSTALL NEW SIGN ON 2 POSTS 45 FT EAST OF MAIL BOX	X							
EB	MM 0.480, RT	A	WI-6L	48	24			8.00								2	13'	X							INSTALL NEW SIGN ON 2 POSTS 190 FT WEST AND ACROSS FROM POLE #71-5/NET/79C/5	X							
EB	MM 0.480, RT	B	WI-6R	48	24			8.00								2	13.5'	X							INSTALL NEW SIGN ON 2 POSTS 185 FT WEST AND ACROSS FROM POLE #71-5/NET/79C/5	X							
WB	MM 0.540, LT	E	WI-6R	48	24			8.00								2	13'	X							INSTALL NEW SIGN ON 2 POSTS 125 FT EAST OF POLE #71-5/NET/79C/5	X							
WB	MM 0.540, LT	F	WI-6L	48	24			8.00								2	13'	X							INSTALL NEW SIGN ON 2 POSTS 130 FT EAST OF POLE #71-5/NET/79C/5	X							
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".											EA	EA	EA	EA	EA	EA	EA																
SHEET SUBTOTALS								SF	SF																								
								94.94																									

PROJECT NAME: STATEWIDE SOUTHEAST REGION
 PROJECT NUMBER: STP HRRR(10)
 FILE NAME: d10k320.wrk.dgn
 PROJECT LEADER: JLS
 DESIGNED BY: NLA
 THETFORD TRAFFIC SIGN SUMMARY I

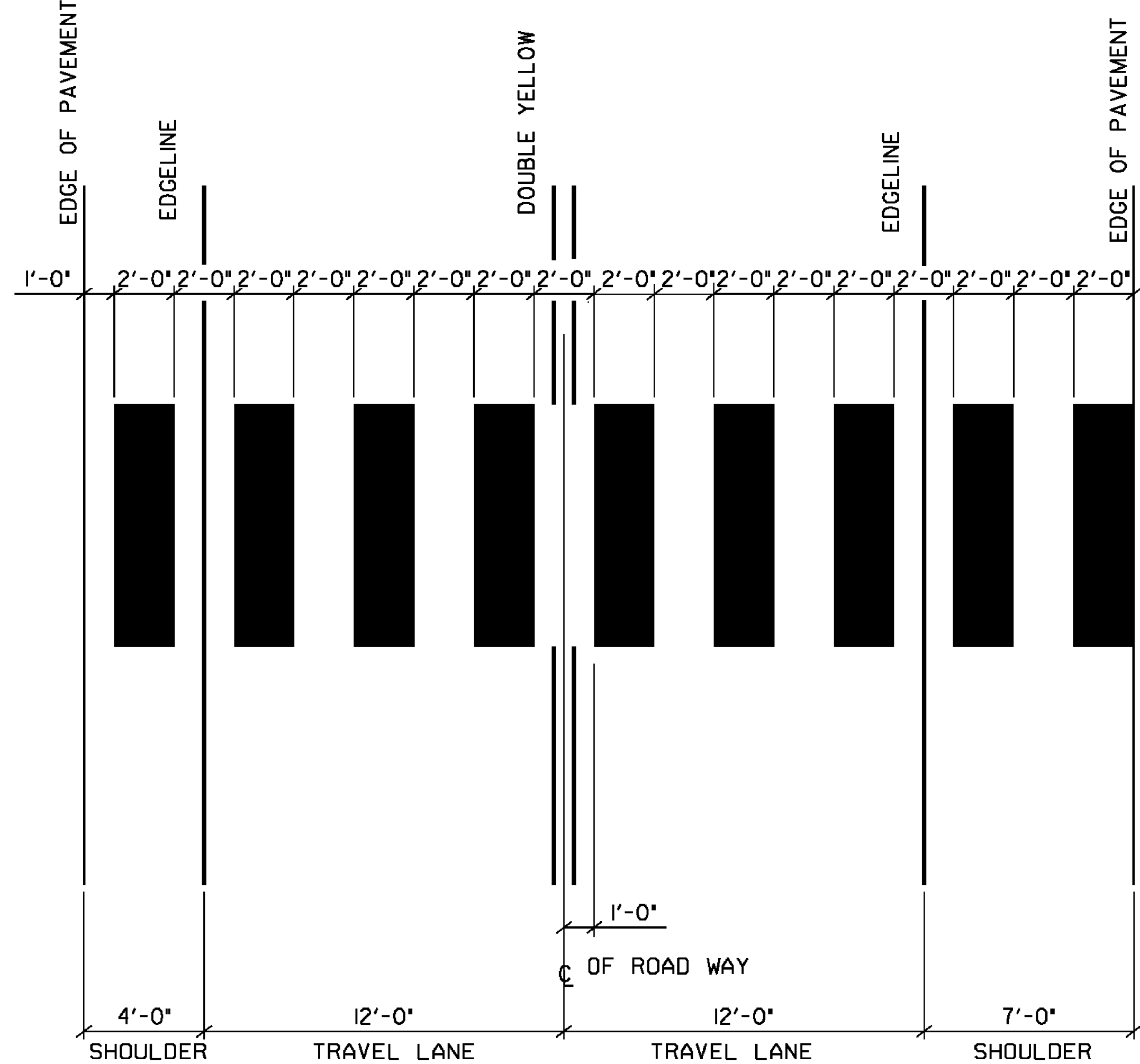
PLOT DATE: 09-AUG-2011
 DRAWN BY: ITS
 CHECKED BY: JLS
 SHEET 29 OF 38

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 SHS = STANDARD HIGHWAY SIGN 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 SHS	DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER					
																	lb/ft				lb/ft													
EB	MM 2.447, RT	A	VW-054	30	30			6.25						X	X	I	13.5'	X							REPLACE EXISTING SIGN AND POST 1020 FT WEST OF POLE #165/5		7							
EB	MM 2.630, RT	A	WI-IL	30	30			6.25								I	14'	X							INSTALL NEW SIGN AND POST 50 FT WEST OF POLE #165/5	X								
		A	WI3-IP	18	18			2.25																	INSTALL NEW PLAQUE BELOW WI-IL SIGN ON THE SAME POST	X								
EB	MM 2.670, RT	A	WI-6L	48	24			8.00								2	10.5'	X							INSTALL NEW SIGN ON 2 POSTS 155 FT EAST OF POLE #165/5	X								
EB	MM 2.670, RT	B	WI-6R	48	24			8.00								2	10.5'	X							INSTALL NEW SIGN ON 2 POSTS 160 FT EAST OF POLE #165/5	X								
WB	MM 2.685, LT	F	TOWN SIGN	12	18									X	X										REMOVE EXISTING SIGN AND POST									
WB	MM 2.700, LT	F	WI-IR	30	30			6.25								I	15'	X							INSTALL NEW SIGN AND POST 380 FT WEST AND ACROSS FROM POLE #1061/1/25T	X								
		F	WI3-IP	18	18			2.25																	INSTALL NEW PLAQUE BELOW WI-IR SIGN ON THE SAME POST	X								
EB	MM 2.770, RT	A	W3-I	30	30			6.25								I	12'	X							INSTALL NEW SIGN AND POST 15 FT WEST OF POLE #1061/1/25T	X								
WB	MM 2.815, LT	F	R2-1	24	30			5.00						X	X	I	17'	X							REPLACE EXISTING SIGN AND POST 75 FT WEST OF THE INTERSECTION WITH VT-113	X								
		F	VR-017	24	30			5.00						X											REPLACE EXISTING SIGN BELOW R2-1 (SL-35) SIGN ON THE SAME POST	X								
EB	MM 2.825, RT	A	RI-1	30	30		 1130 0911 0358	6.25						X	X	I	13.5'	X							REPLACE EXISTING SIGN AND POST AT MP 3.585 OF VT-113, SALV. MILE MARKER	X								
EB	MM 0.21RT TO MM 0.64 RT			6	8		50 TYPE II - 6" x 8" WHITE DELINEATORS - 40' SPACING																		INSTALL 50 DELINEATORS ON NEW POSTS (SINGLE DELINEATOR), FACING MOTORISTS IN EB LANE ALONG BROOK AS REQUESTED BY TOWN ROAD FOREMAN. SEE ALSO SHEET #36.									
							BARKER BAKER ROAD																											
NB	MM 0.020, RT	A	R2-1	24	30			5.00								I	14'	X							INSTALL NEW SIGN AND POST 105 FT NORTH THE INTERSECTION OF SAWNEE BEAN ROAD	X								
NB	MM 0.052, RT	A	R2-1	24	30									X	X										REMOVE EXISTING SIGN AND POST 40 FT NORTH OF PHELPS ROAD									
<p>FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDE".</p>										EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
SHEET SUBTOTALS								SF	SF																									
								66.75																										

TOWNSTATE HIGHWAY INVENTORY FOR PAVING 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	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		
DUMMERSTON																					
MIDDLE ROAD	0.000 CL	PAVED			MM 0.004 TO 0.493 CL			MM 0+004 LT	YES	MM 0.005 LT				MM 0.130 LT	YES					ITEM 646.85	
HOUGHTON ROAD	0.583 RT	PAVED	GRAVEL		STA 0+17 TO 0+42 CL			STA 0+18 LT	YES											REMOVE 40 L.F. OF C FOR HOUGHTON AND NOURSE HOLLOW ROADS.	
NOURSE HOLLOW ROAD	0.583 RT	PAVED	GRAVEL		STA 0+17 TO 0+42 CL			STA 0+18 LT	YES												ADDED BY C.O.D. #1 DATED 5-23-2012
MIDDLE ROAD	0.583 RT	PAVED				REMARKS															PAIN DASHED EDGE LINE MM 0.545 - 0.610 RT TO BETTER IDENTIFY THE OUTSIDE OF CURVE FOR THE INTERSECTION
HARTFORD								MM 0.00 LT													
CHRISTIAN STREET (SLIP LANE)	0.000 CL	PAVED						STA 0+20 LT	YES	MM 0.01 LT											
CHRISTIAN STREET	0.000 CL	PAVED			MM 0.010 TO 0.025 CL			MM 0.010 LT	YES	MM 0.01 LT				MM 0.050 LT	YES						
SUMMER STREET	0.074 LT	PAVED			STA 0+17 TO 0+42 CL			STA 0+18 LT	YES												
HARRY GIBBS STREET	0.124 LT	PAVED			STA 0+17 TO 0+42 CL			STA 0+18 LT	YES												
PUTNEY																					
HOUGHTON BROOK ROAD	1.202 RT	PAVED			STA 0+17 TO 0+42 CL			STA 0+18 LT	YES	STA 0+27 LT											
WEST HILL ROAD	2.624 CL	PAVED						MM 2.621 RT	YES	MM 2.619 RT				MM 2.547 RT	YES						
SPRINGFIELD																					
PLEASANT VALLEY ROAD	3.215 CL	PAVED			MM 3.211 TO 3.206 CL			MM 3.211 RT	YES	MM 3.209 RT				MM 3.129 RT	YES						
THETFORD																					
SAWNEE BEAN ROAD	2.830 CL	PAVED			MM 2.826 TO 2.821 CL			MM 2.286 RT	YES	MM 2.284 RT					YES						
TOTALS					450 LF			132 LF		28 EA				36 EA							64 LF

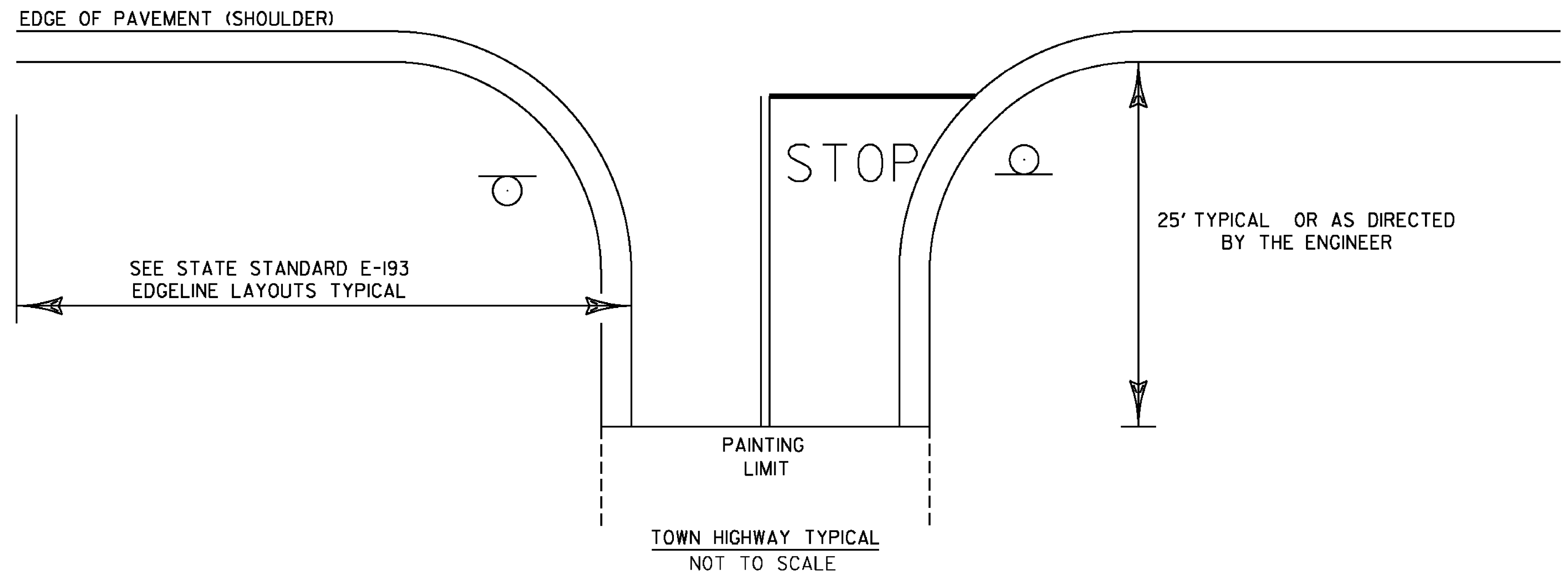


▪ ADJUST SPACING (1 - 2 FT) TO AVOID WHEEL PATHS

NOTES:

BLOCK PATTERN CROSSWALK DETAIL

IN ADDITION TO WHITE MARKINGS CROSSWALK PAVEMENT MAY BE TEXTURED AND/OR COLORED BRICK RED. MUTCD RESERVED COLORS (WHITE, YELLOW, BLUE, RED) SHALL NOT BE USED AS BACKGROUND COLORS.



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 SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)

FILE NAME: d10k320.wrk.dgn
PROJECT LEADER: JLS
DESIGNED BY: NLA
TOWN HIGHWAY PAVEMENT MARKINGS

PLOT DATE: 09-AUG-2011
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CHECKED BY: JLS
SHEET 35 OF 38

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

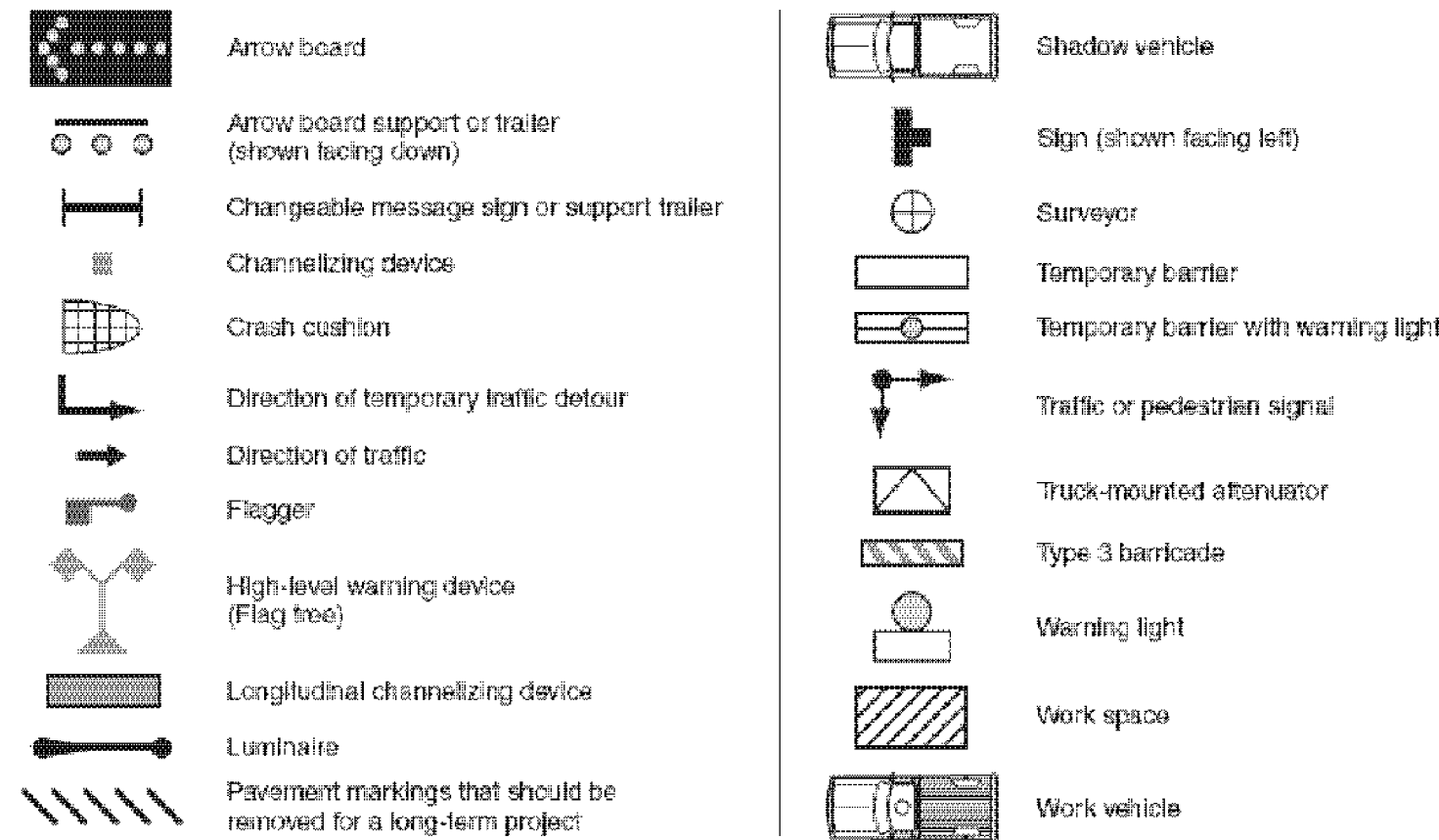


Figure 6E-3. Use of Hand-Signaling Devices by Flaggers

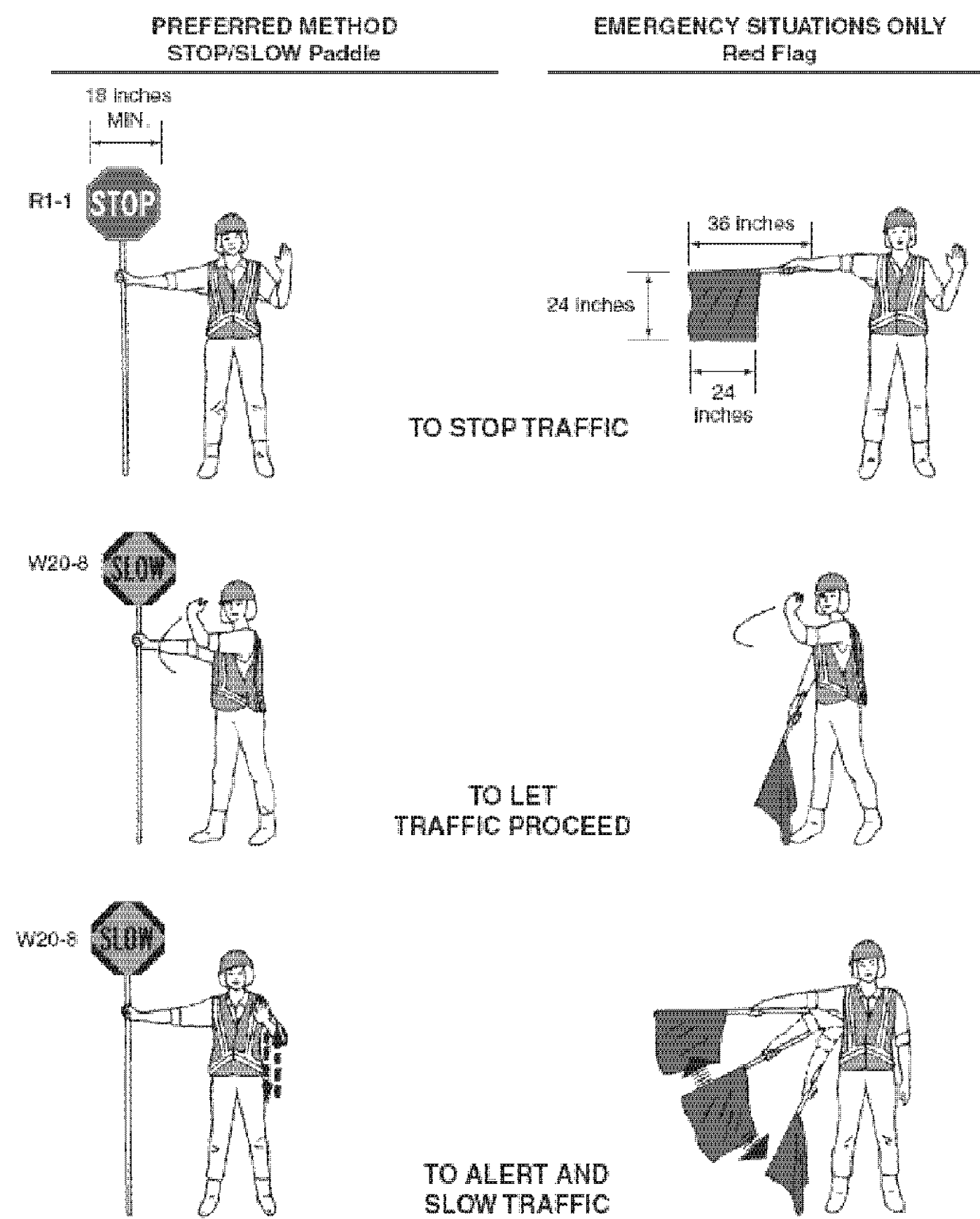


Figure 6F-7. Channelizing Devices

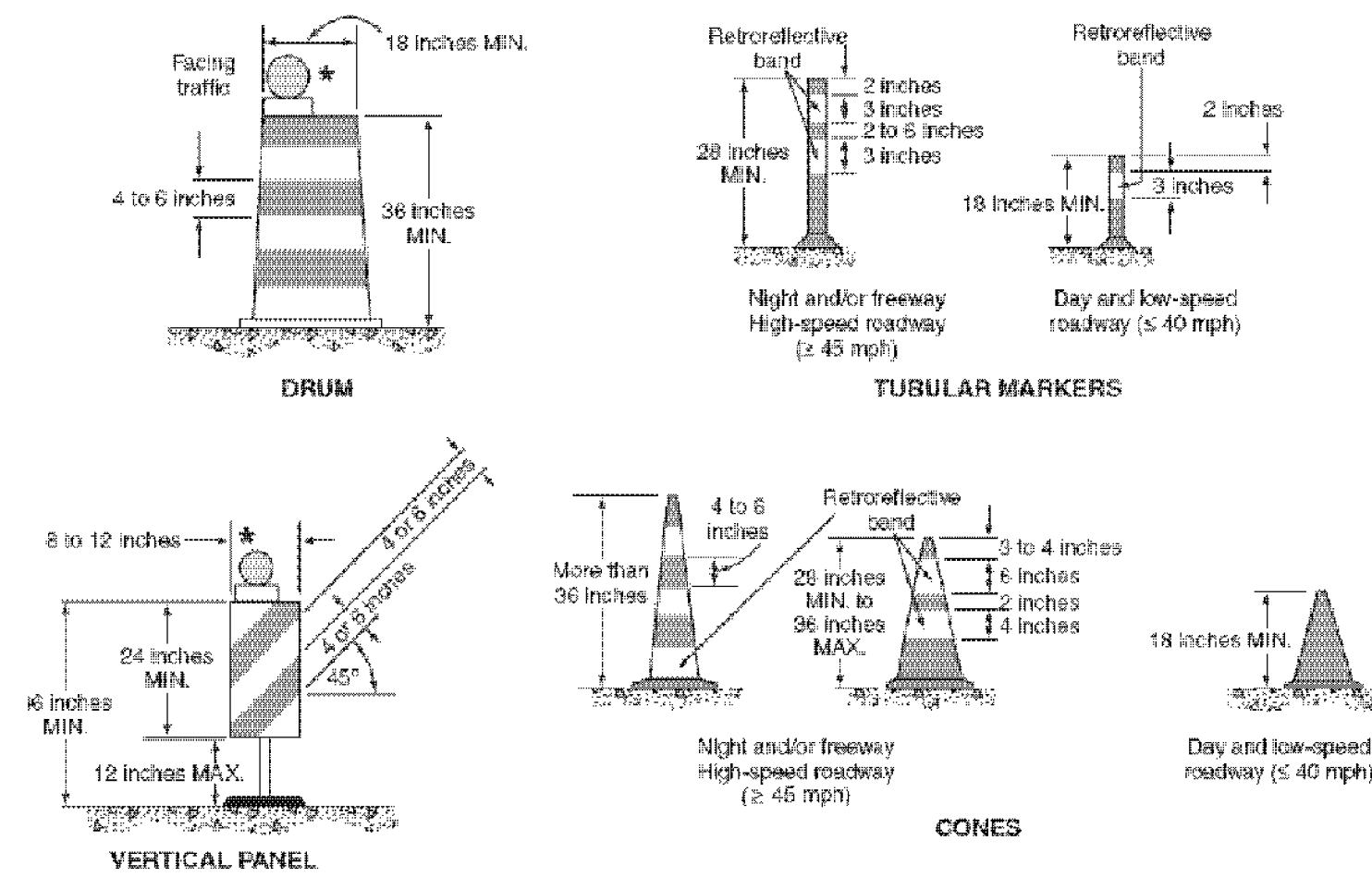


Figure 6C-2. Types of Tapers and Buffer Spaces

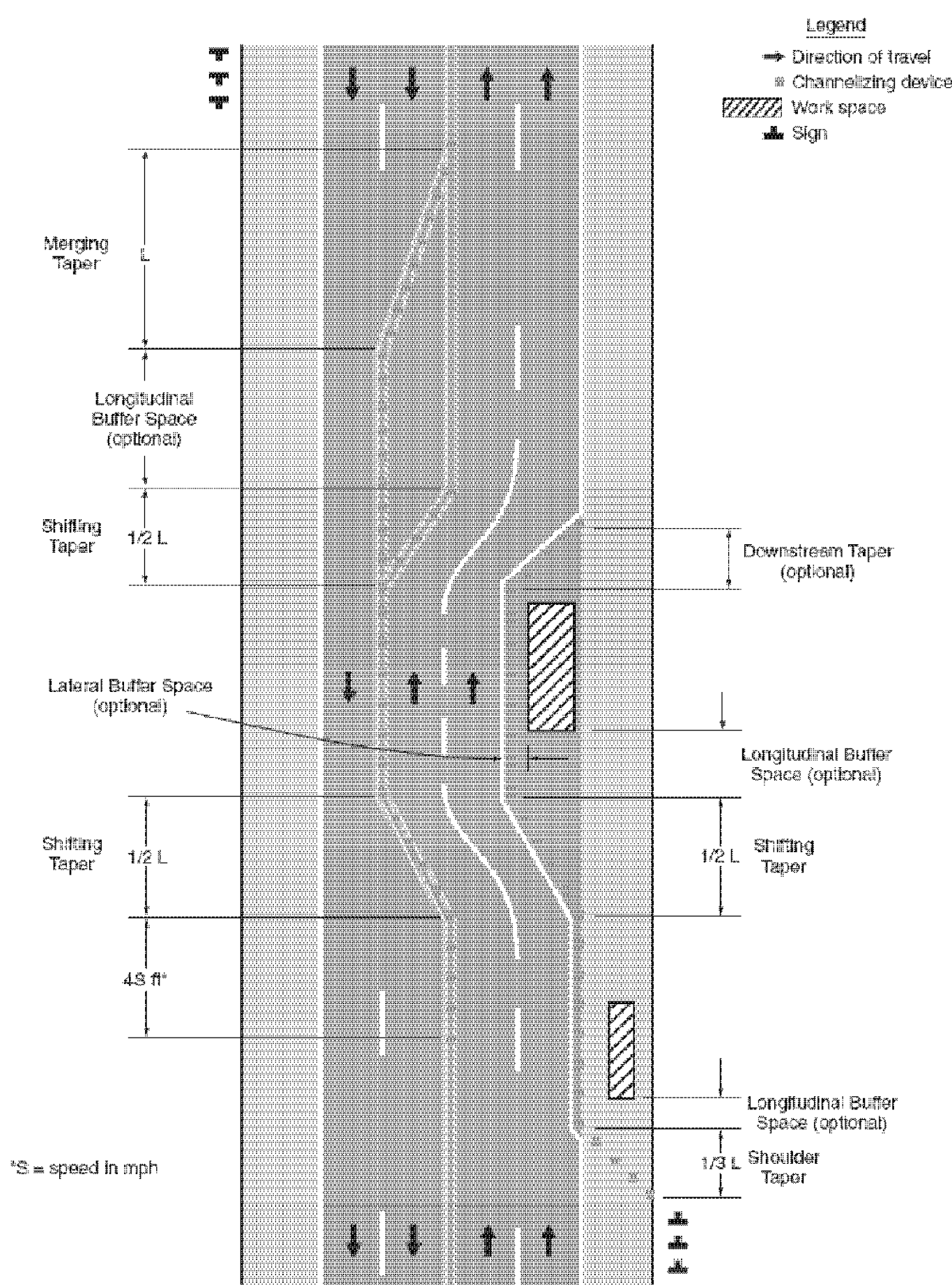
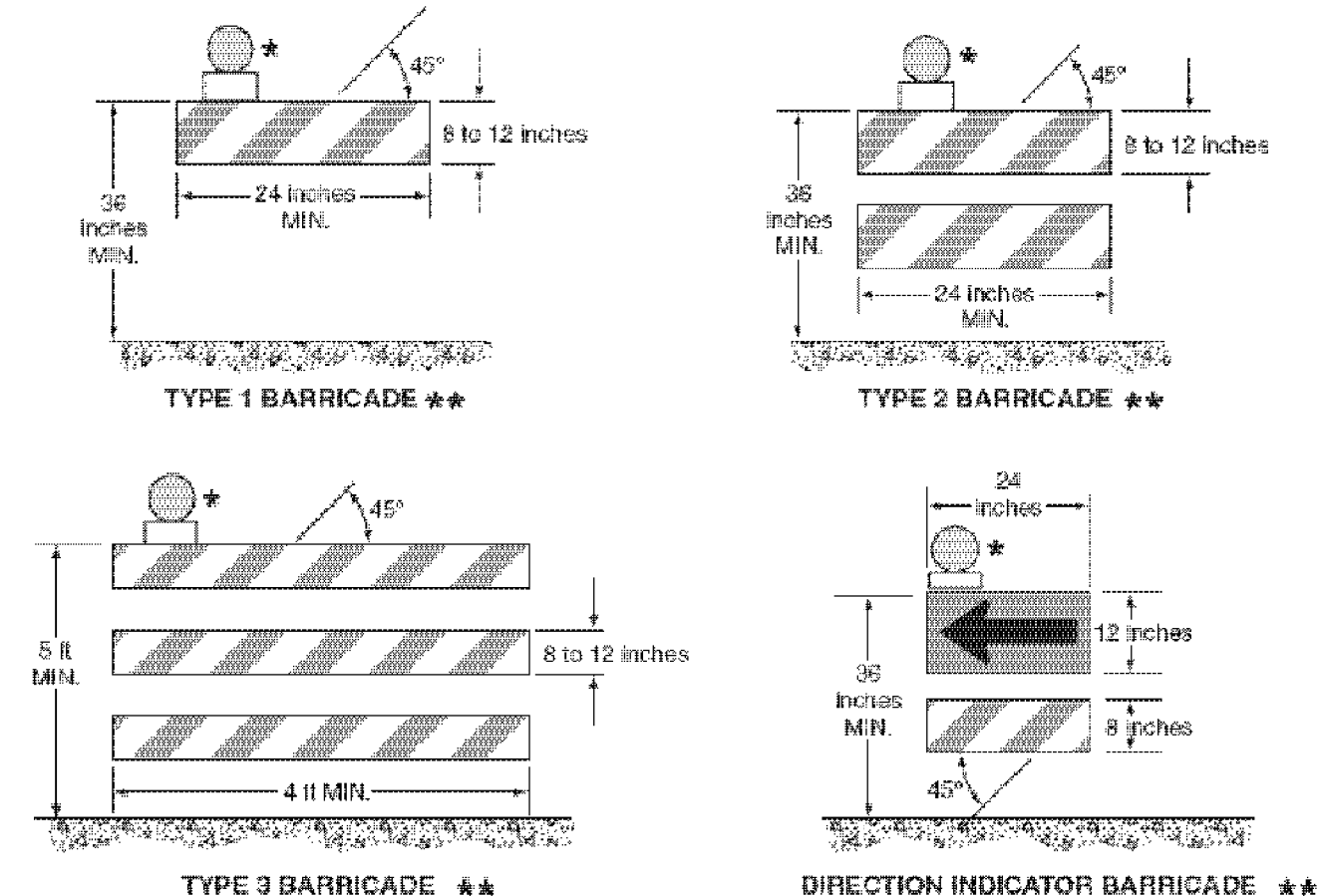
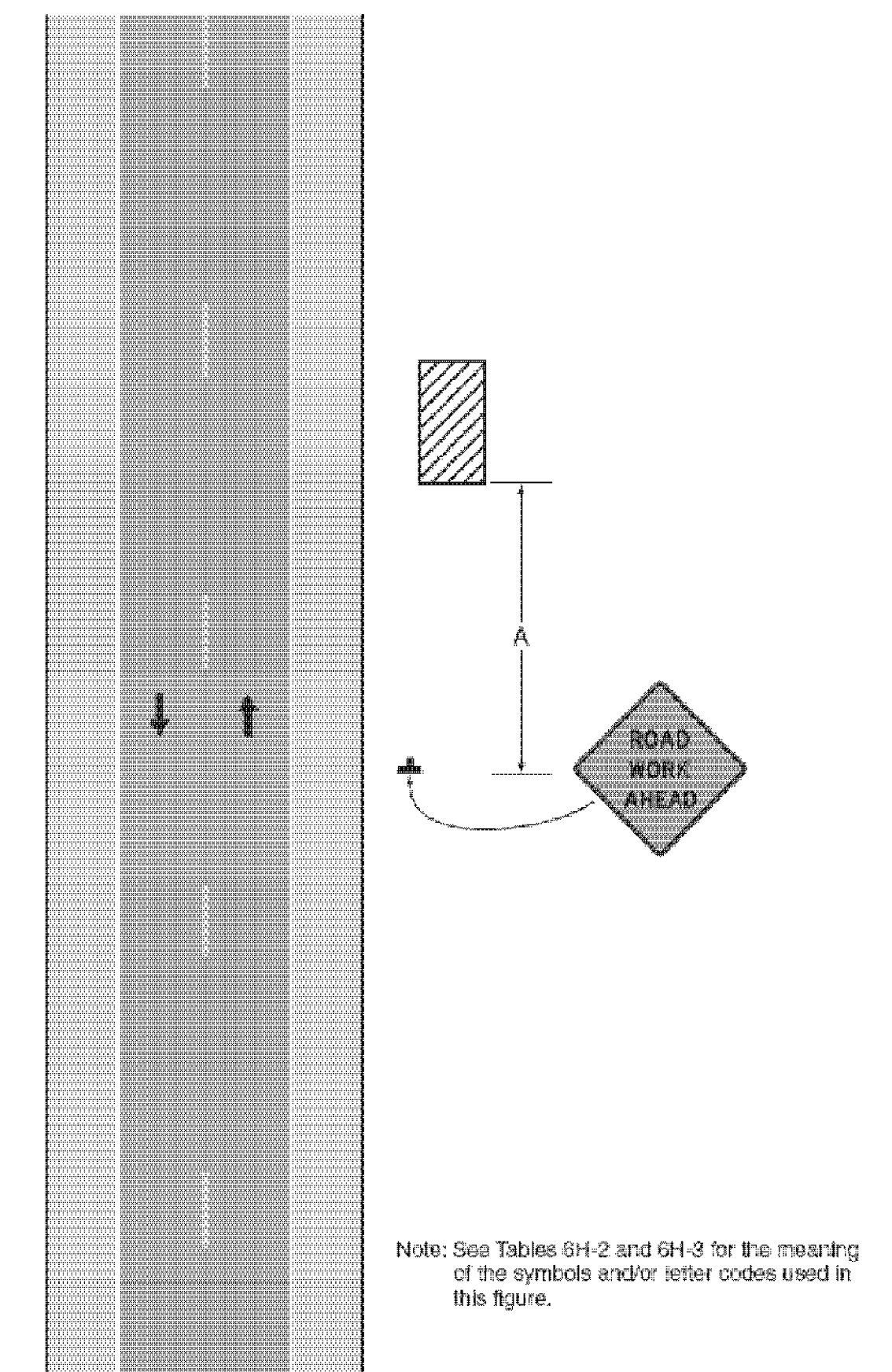


Figure 6H-1. Work Beyond the Shoulder (TA-1)



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

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

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

Note: Use Table 6C-4 to calculate L

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

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

* Speed category to be determined by highway agency
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-48. 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.)

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

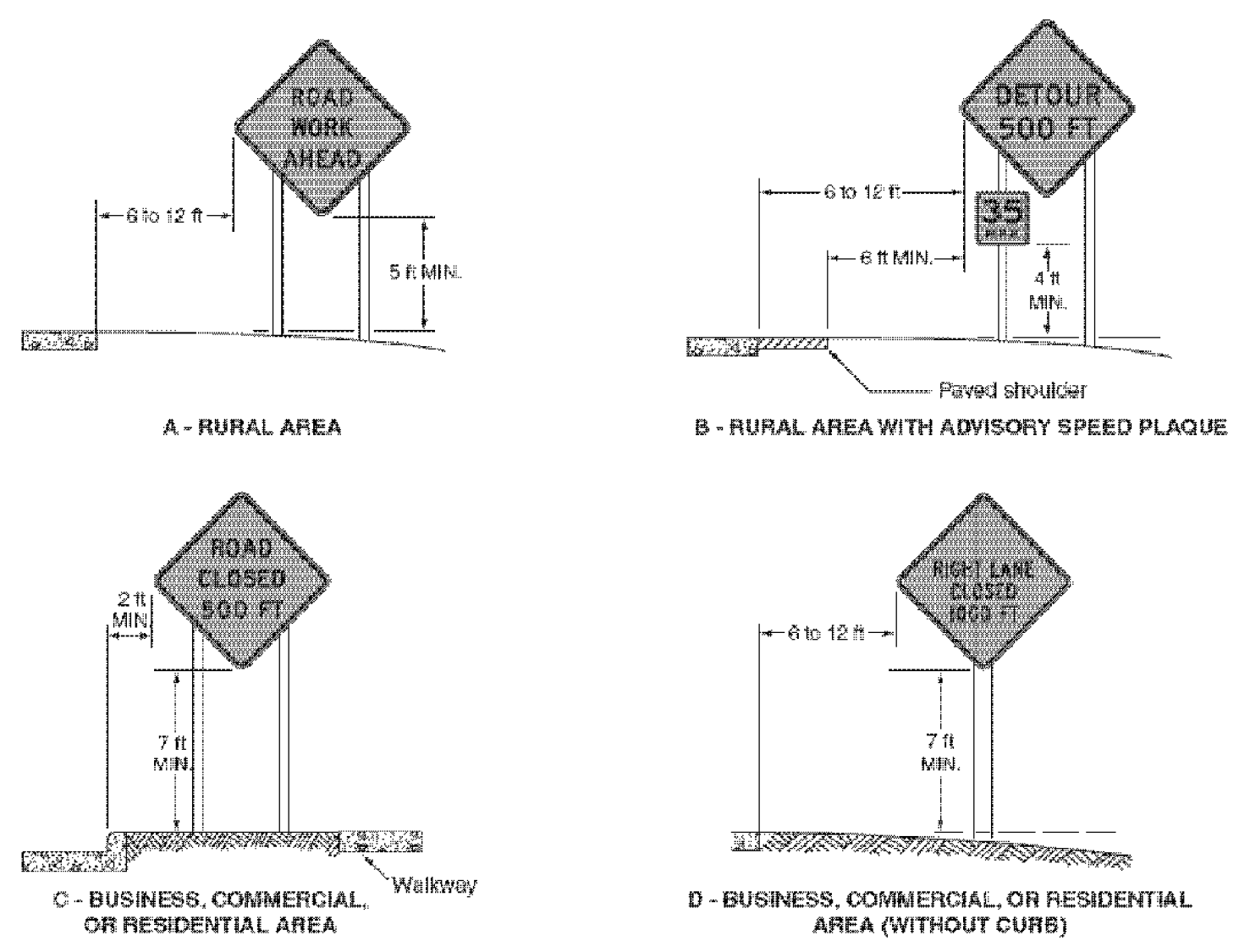


Table 6C-4. Formulas for Determining Taper Length

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

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

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

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

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

- 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 RESIDENT ENGINEER. WHERE CONFLICTS EXIST, THE MUTCD SHALL GOVERN. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THE TEMPORARY TRAFFIC CONTROL PROVIDED, HE/SHE MAY SUBMIT AN ALTERNATE PROPOSAL AS STATED IN SUBSECTION 641.02 GENERAL CONSTRUCTION REQUIREMENTS OF THE 2006 STANDARD SPECIFICATIONS.
 - 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 641.0.

PROJECT NAME: STATEWIDE SOUTHEAST REGION
PROJECT NUMBER: STP HRRR(10)

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DESIGNED BY: NLA
TRAFFIC CONTROL SHEET 1

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

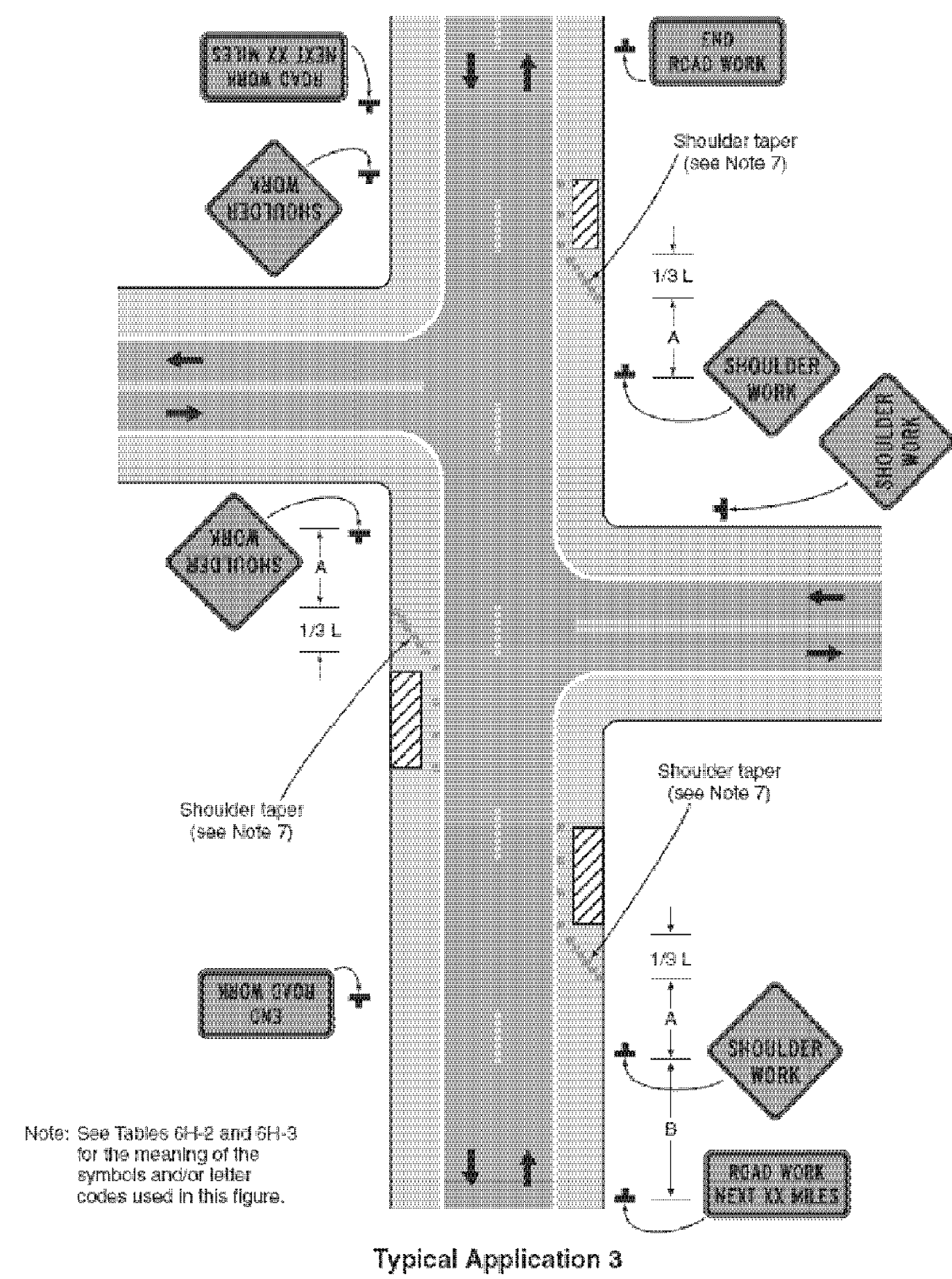


Figure 6H-4. Short-Duration or Mobile Operation on a Shoulder (TA-4)

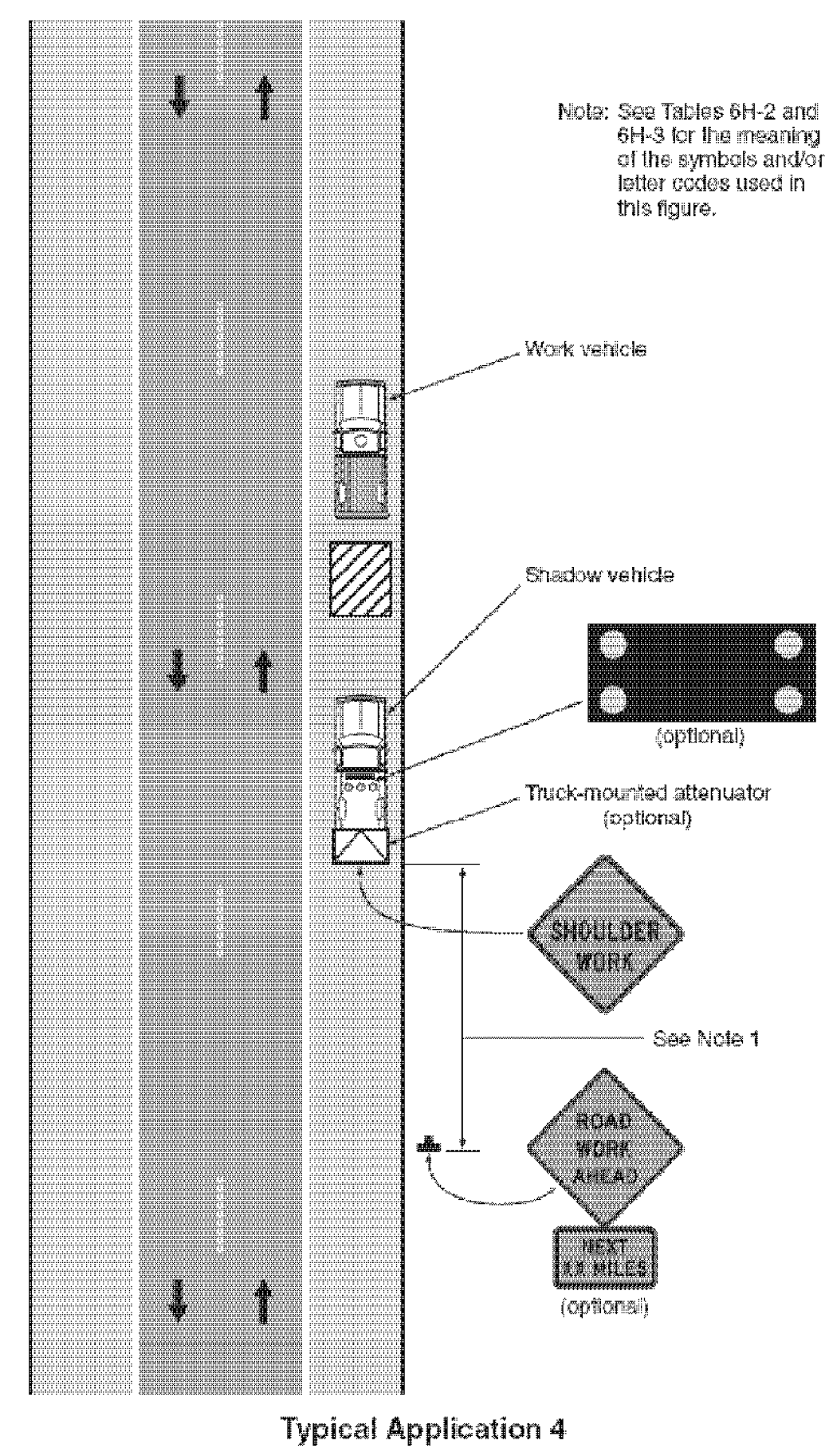


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)

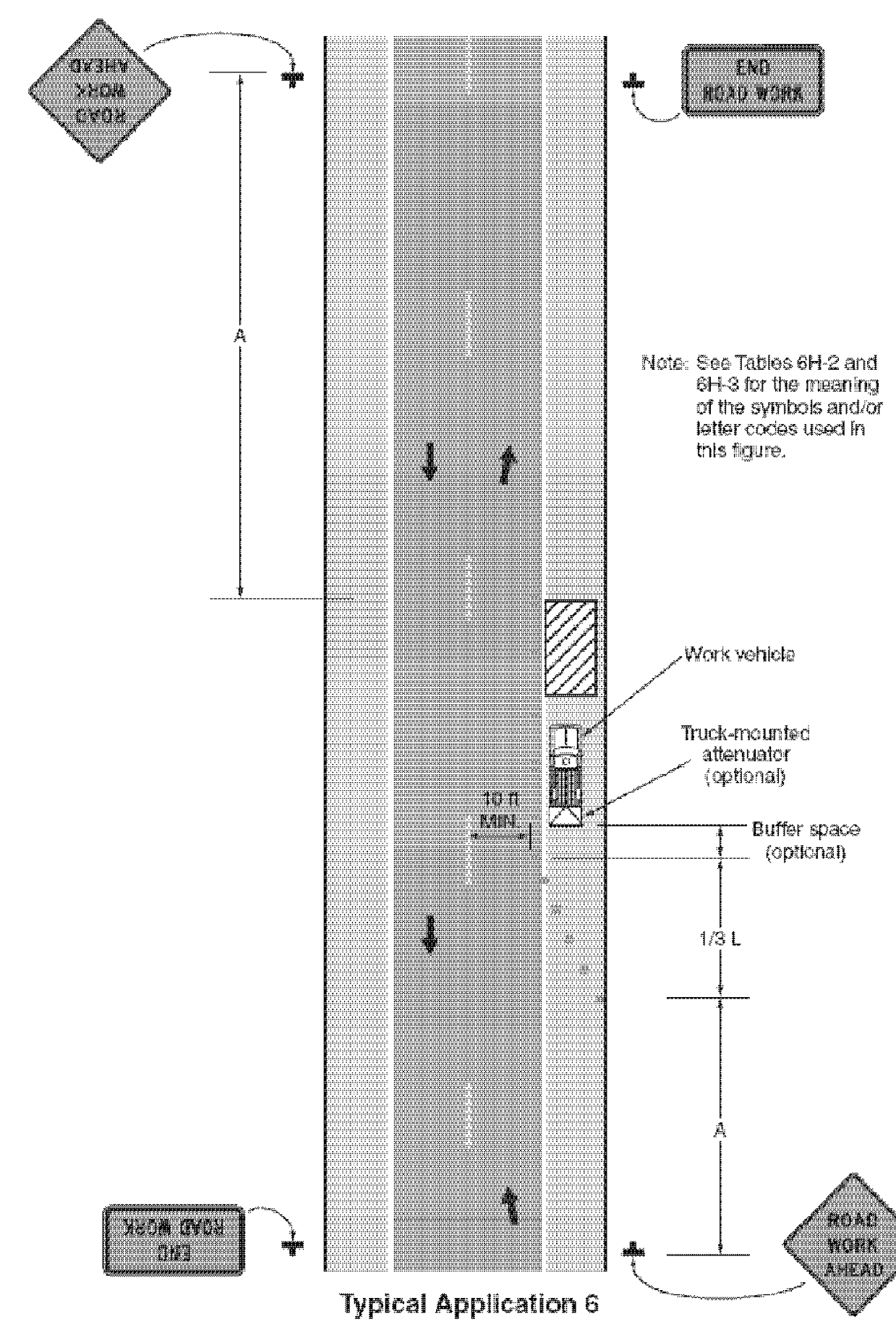


Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)

