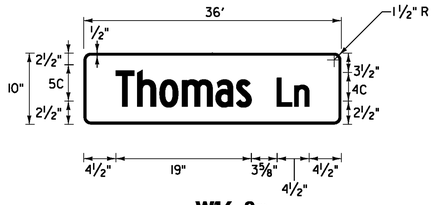


W16-8p

LOCATION: ESSEX STA. 29+25, RT

COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

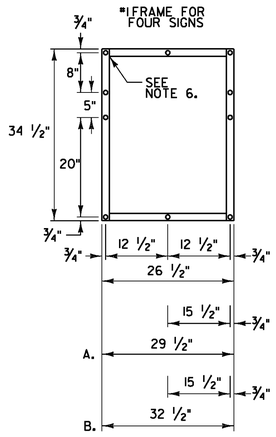
W16-8p

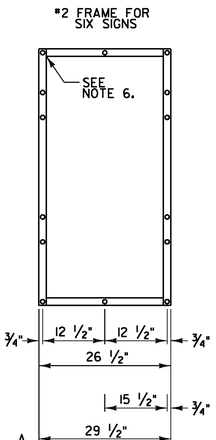
LOCATION: ESSEX STA. 107+50, RT
ESSEX STA. 114+00, LT

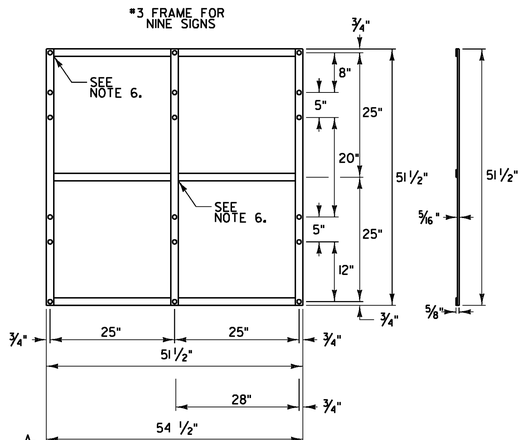
COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

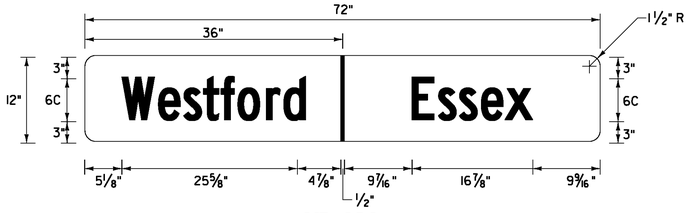
MATERIAL: 0.125" FLAT SHEET ALUMINUM

ROUTE MARKER ASSEMBLY FRAMES



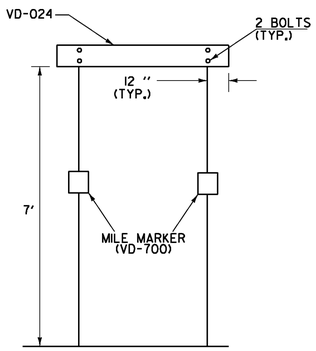


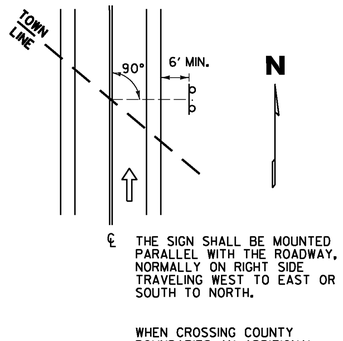




VD-024

LOCATION: ESSEX STA. 232+37, RT.





℄ THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY, NORMALLY ON RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.

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

TRAFFIC SIGN NOTES

1. ALL SIGN LETTERING, DIGITS, ARROWS, AND DESIGN OF SYMBOLS FOR SIGNS REFERENCED 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.
2. ALL COLORS SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) AND APPROVED BY FHWA UNLESS OTHERWISE NOTED.
3. ALL SHEETING SHALL BE TYPE III MINIMUM PER SUBSECTION 750.08 RETROREFLECTIVE SHEETING.
4. ALL STREET NAME SIGNS ARE TWO-SIDED UNLESS NOTED OTHERWISE.
5. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIALS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

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

NOTES:

1. NOTES FOR *1 AND *2 FRAME:
   - A. WITH ONE 30 INCH THREE DIGIT SIGN
   - B. WITH TWO 30 INCH THREE DIGIT SIGNS
2. NOTES FOR *3 FRAME:
   - A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
   - B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
   - C. WITH THREE 30 INCH THREE DIGIT SIGNS.
3. ALL HOLES SHALL BE 7/16" DIAMETER. FOR OTHER SIGN COMBINATIONS THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.
4. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.
5. FRAMES SHALL BE CONSTRUCTED OF 5/16" × 1 1/2" A-36 STEEL.
6. ALL OVERLAPPED CONNECTIONS SHALL BE WELDED WITH TWO 1/4" WIDE FILLET WELDS, 1 1/2" LONG.

TOWN LINE SIGN NOTES:

1. WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENTS.
2. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.
3. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE NOTED.
4. THE SIGN BASE MATERIAL SHALL BE FLAT SHEET ALUMINUM 0.125" MINIMUM THICKNESS. THE RETROREFLECTIVE MATERIAL SHALL BE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE LEGEND SHALL BE CUT-OUT RETROREFLECTIVE LEGEND. ALL RETROREFLECTIVE MATERIAL SHALL BE EQUAL TO OR EXCEEDING THE "THE AMERICAN SOCIETY OF TESTING AND MATERIALS" (ASTM D 4956) TYPE III.
5. SIGNS SHALL HAVE A RETROREFLECTIVE WHITE LEGEND ON A RETROREFLECTIVE GREEN BACKGROUND.
6. LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.

NOT TO SCALE

Stantec

TRAFFIC SIGN DETAIL SHEET #3

PROJECT NAME: ESSEX-WESTFORD
PROJECT NUMBER: STP 2912(1)

FILE NAME: p10c226.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10c226tsd03.i

PLOT DATE: 2/20/2013
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 68 OF 239