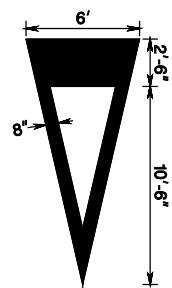


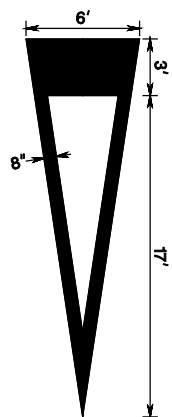
LEGEND

- (A) 4" SOLID WHITE LINE (6" FOR INTERSTATES)
- (B) 4" SOLID YELLOW LINE (6" FOR INTERSTATES)
- (C) 2 - 4" SOLID YELLOW LINES
- (D) 4" BROKEN WHITE LINE (6" FOR INTERSTATES)
- (E) 4" BROKEN YELLOW LINE
- (F) 4" DOTTED WHITE LINE
2' LINE WITH 6' SPACE
- (G) 4" DOTTED YELLOW LINE
2' LINE WITH 6' SPACE
- (H) 2 - 4" DOTTED YELLOW LINES
2' LINES WITH 6' SPACE
- (I) 4" DOTTED WHITE LINE (6" FOR INTERSTATES)
3' LINE WITH 9' SPACE
- (J) 8" SOLID WHITE LINE (12" FOR INTERSTATES)
- (K) 8" SOLID YELLOW LINE
- (L) 8" DOTTED WHITE LINE
2' LINE WITH 6' SPACE
- (M) 8" DOTTED WHITE LINE (12" FOR INTERSTATES)
3' LINE WITH 9' SPACE
- (N) 12" SOLID WHITE LINE
- (O) 24" SOLID WHITE LINE
- (P) 24" (b) x 36" (h) YIELD LINES
- (Q) 24" SOLID WHITE LINES
SPACED 12' c to c @ 45°
- (R) 24" SOLID YELLOW LINES
SPACED 12' c to c @ 45°



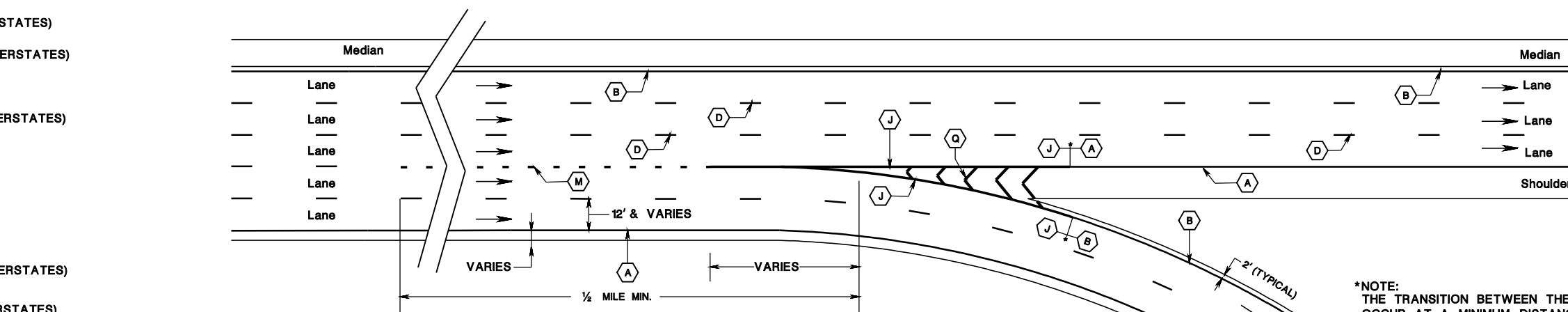
AREA = 26 S.F.

YIELD AHEAD TRIANGLE SYMBOL
(FOR ROADWAYS WITH POSTED
SPEED LIMIT LESS THAN 45 MPH)



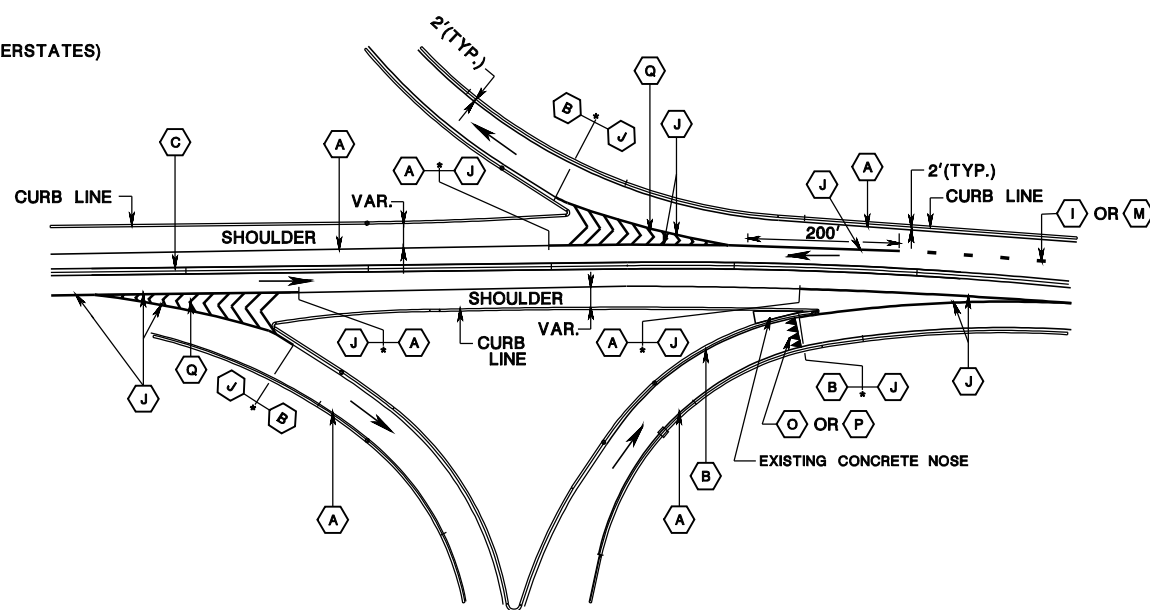
AREA = 37 S.F.

YIELD AHEAD TRIANGLE SYMBOL
(FOR ROADWAYS WITH POSTED
SPEED LIMIT OF 45 MPH OR GREATER)



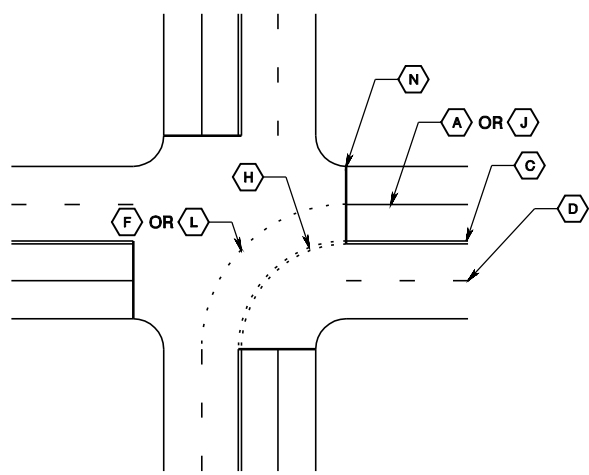
TWO LANE DROP AT AN EXIT RAMP

*NOTE:
THE TRANSITION BETWEEN THE EDGE LINES WILL
OCCUR AT A MINIMUM DISTANCE OF 15' FROM THE
PHYSICAL GORE POINT OR LAST CHEVRON MARKING.

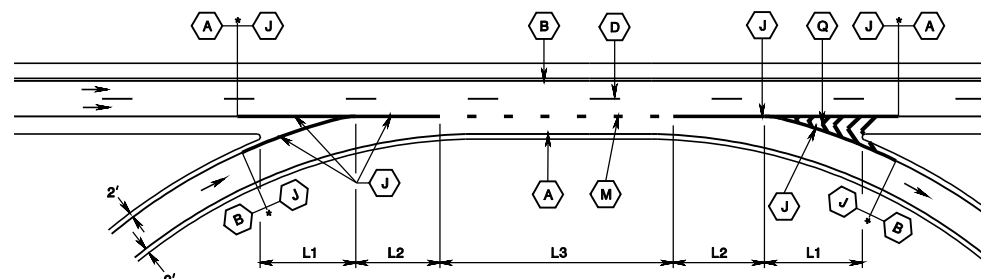


TYPICAL RAMP STRIPING DETAIL

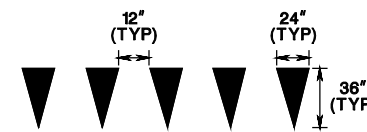
NOTE:
INSTALL STOP LINES AND YIELD TRIANGLES IN LINE
WITH THE EXISTING STOP SIGNS AND YIELD SIGNS.



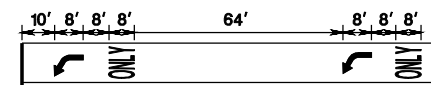
INTERNAL INTERSECTION STRIPING DETAIL



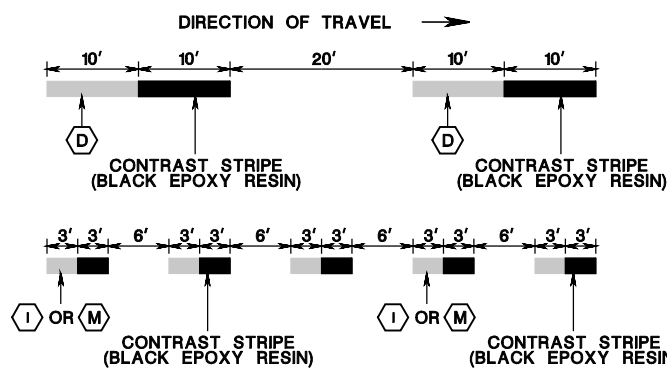
TYPICAL ON-OFF RAMP STRIPING DETAIL



WHITE YIELD LINES DETAIL

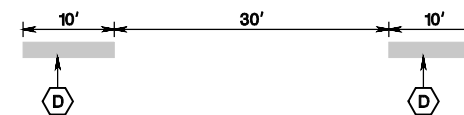


TYPICAL TURN LANE MARKING



**LIGHT-COLORED PAVEMENT
CONTRAST STRIPING DETAIL**

NOTES:
1. LIGHT-COLORED PAVEMENT INCLUDES ALL CONCRETE
ROADWAYS SURFACES AND CONCRETE BRIDGE DECKS.
2. THE LENGTH OF LIGHT-COLORED PAVEMENT SECTIONS FOR
CONTRAST STRIPING WILL BE AT LEAST 250'.
3. THE WIDTH OF THE CONTRAST STRIPE WILL MATCH THE
WIDTH OF THE STRIPING BEING CONTRASTED.
4. GLASS BEADS WILL NOT BE USED IN THE BLACK EPOXY RESIN.



TYPICAL BROKEN LINE DETAIL

**TRAFFIC STRIPES
AND MARKINGS**

N.T.S.

CD-610-8

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

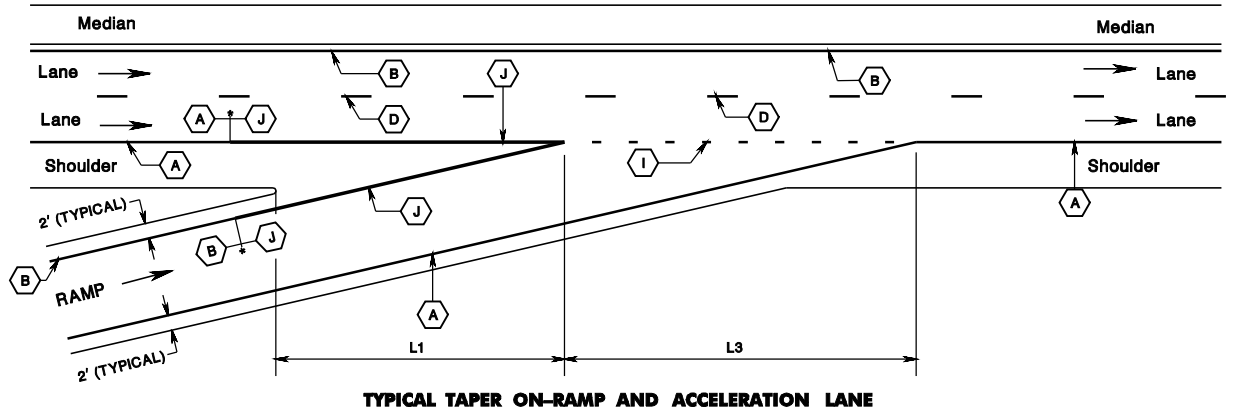
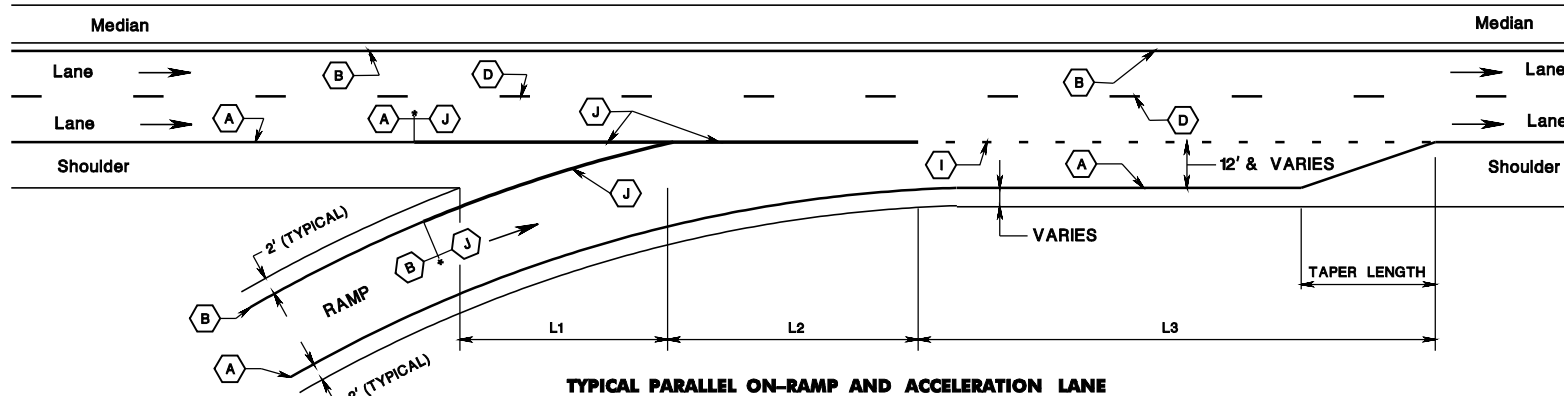
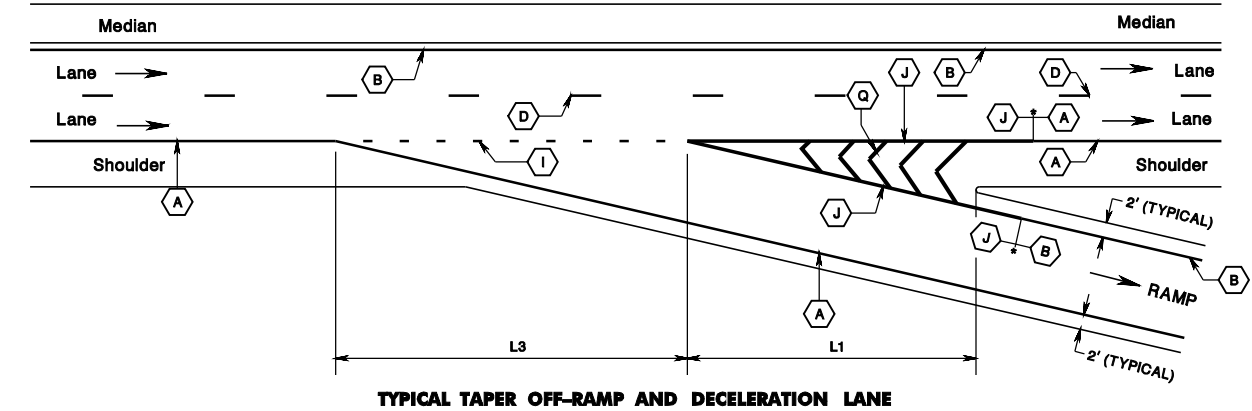
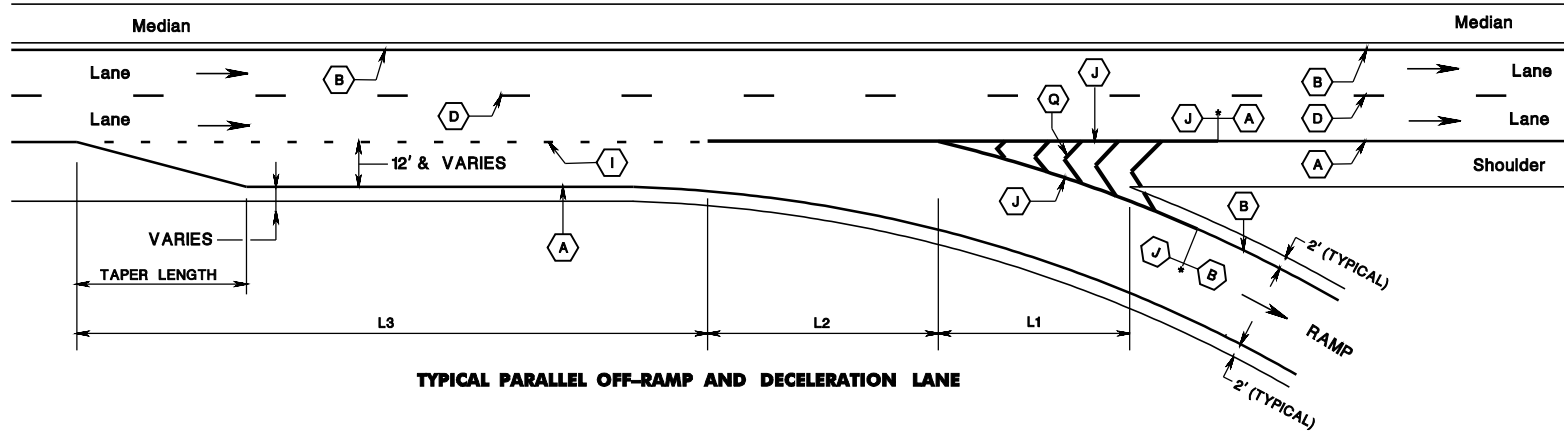
CD-610-8.1

OFF-RAMP AND DECELERATION LANE PAVEMENT STRIPING DETAILS

ROUTE NUMBER	DIRECTION	RAMP EXIT NUMBER	RAMP EXIT IDENTIFICATION	STATION NUMBER	L1 (FEET)	L2 (FEET)	L3 (FEET)	TAPER LENGTH (FEET)	WORK TO BE PERFORMED

ON-RAMP AND ACCELERATION LANE PAVEMENT STRIPING DETAILS

ROUTE NUMBER	DIRECTION	RAMP EXIT NUMBER	RAMP ENTRANCE IDENTIFICATION	STATION NUMBER	L1 (FEET)	L2 (FEET)	L3 (FEET)	TAPER LENGTH (FEET)	WORK TO BE PERFORMED



GENERAL NOTES

- MARK OUT AND / OR INVENTORY THE FOLLOWING BEFORE BEGINNING THE RESURFACING OPERATION:
 - TRAFFIC MARKING SYMBOLS
 - THE POINT OF CONVERGENCE OF THE PAINTED GORE FOR ACCELERATION LANES.
 - THE POINT OF DIVERGENCE OF THE PAINTED GORE FOR DECELERATION LANES.
 - THE LANE LENGTHS OF L1, L2, L3 AND THE TAPER.
 - NOTE THE EXISTING SHAPES OF ALL ACCELERATION AND DECELERATION LANES. THE MARK OUTS MUST BE ALONG THE CURB, GUIDERAIL, SHOULDER OR ANY OTHER NON-MOVABLE OBJECT OR DEVICE. THE INVENTORY CAN BE DONE BY AERIAL PHOTOGRAPHY AND / OR DRIVE-THROUGH PHOTOGRAPHY AND / OR DRIVE-THROUGH VIDEO. THE CONTRACTOR SHOULD FILL THE TABLE (ABOVE) WITH THE EXISTING DIMENSIONS AND PROVIDE THE RESIDENT ENGINEER WITH A COPY.
- RETAIN THE EXISTING TAPER LENGTHS AND SHAPE FOR ALL ACCELERATION AND DECELERATION LANES. MAINTAIN ALL EXISTING LANE WIDTHS.
- INSTALL RAISED PAVEMENT MARKERS (RPM) WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH CD610-1, 610-2 AND 610-3.
- THE TRANSITION BETWEEN THE EDGE LINES WILL OCCUR AT A MINIMUM DISTANCE OF 15' FROM THE PHYSICAL GORE POINT OR LAST CHEVRON MARKING.

L1 = DISTANCE BETWEEN THE CONVERGING OR DIVERGING POINT OF THE PAINTED GORE TO THE PHYSICAL GORE APPROACH NOSE.

L2 = TOTAL LENGTH OF ACCELERATION OR DECELERATION LANE CONTAINING SOLID WHITE LANE LINE.

L3 = TOTAL LENGTH OF ACCELERATION OR DECELERATION LANE CONTAINING DOTTED WHITE LANE LINES.

LEGEND

- | | |
|---|--|
| (A) 4" SOLID WHITE LINE (6" FOR INTERSTATES) | (J) 8" SOLID WHITE LINE (12" FOR INTERSTATES) |
| (B) 4" SOLID YELLOW LINE (6" FOR INTERSTATES) | (K) 8" SOLID YELLOW LINE |
| (C) 2 - 4" SOLID YELLOW LINES | (L) 8" DOTTED WHITE LINE 2' LINE WITH 6' SPACE |
| (D) 4" BROKEN WHITE LINE (6" FOR INTERSTATES) | (M) 8" DOTTED WHITE LINE (12" FOR INTERSTATES) 3' LINE WITH 9' SPACE |
| (E) 4" BROKEN YELLOW LINE | (N) 12" SOLID WHITE LINE |
| (F) 4" DOTTED WHITE LINE 2' LINE WITH 6' SPACE | (O) 24" SOLID WHITE LINE |
| (G) 4" DOTTED YELLOW LINE 2' LINE WITH 6' SPACE | (P) 24" (b) x 36" (h) YIELD LINES |
| (H) 2 - 4" DOTTED YELLOW LINES 2' LINES WITH 6' SPACE | (Q) 24" SOLID WHITE LINES SPACED 12' c to c @ 45° |
| (I) 4" DOTTED WHITE LINE (6" FOR INTERSTATES) 3' LINE WITH 9' SPACE | (R) 24" SOLID YELLOW LINES SPACED 12' c to c @ 45° |

TRAFFIC STRIPES AND MARKINGS

N.T.S.

CD-610-9

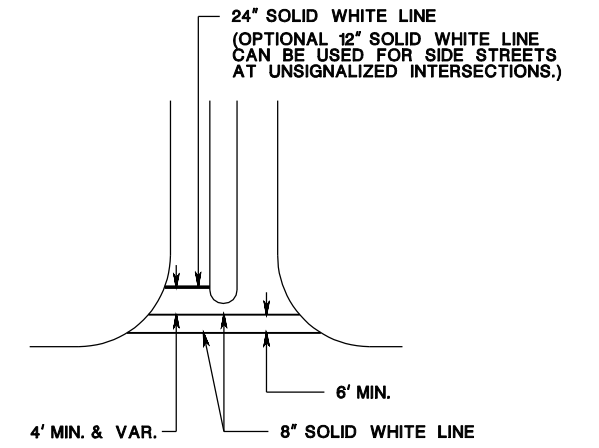
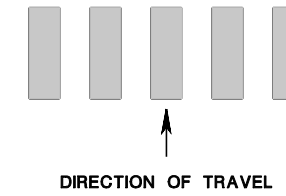
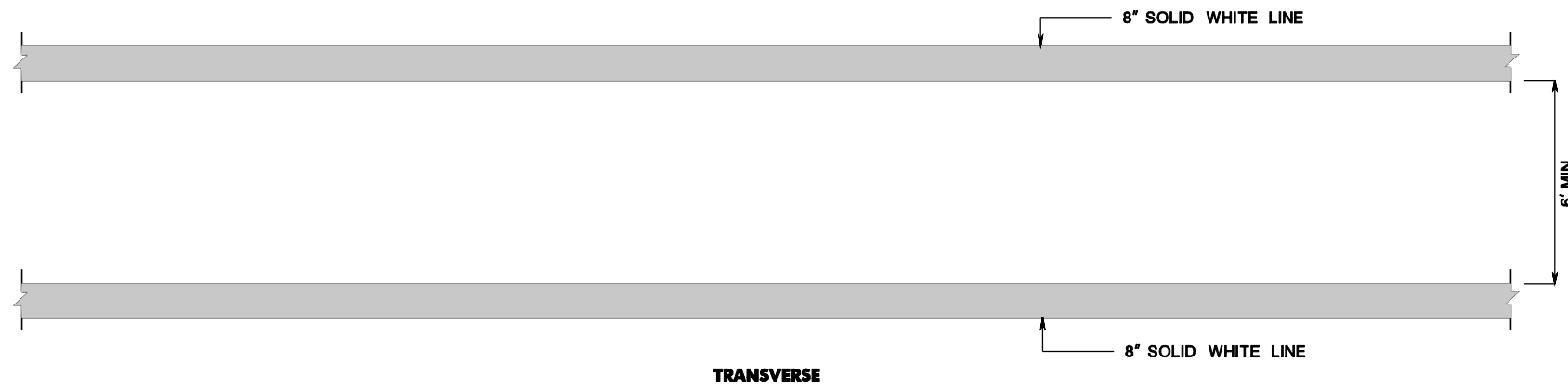
NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

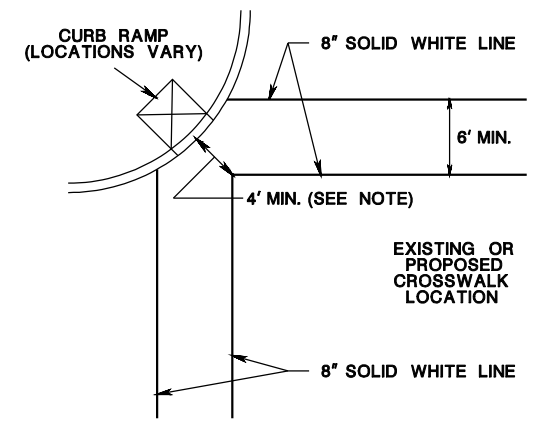
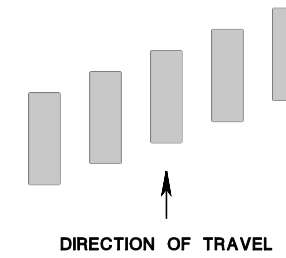
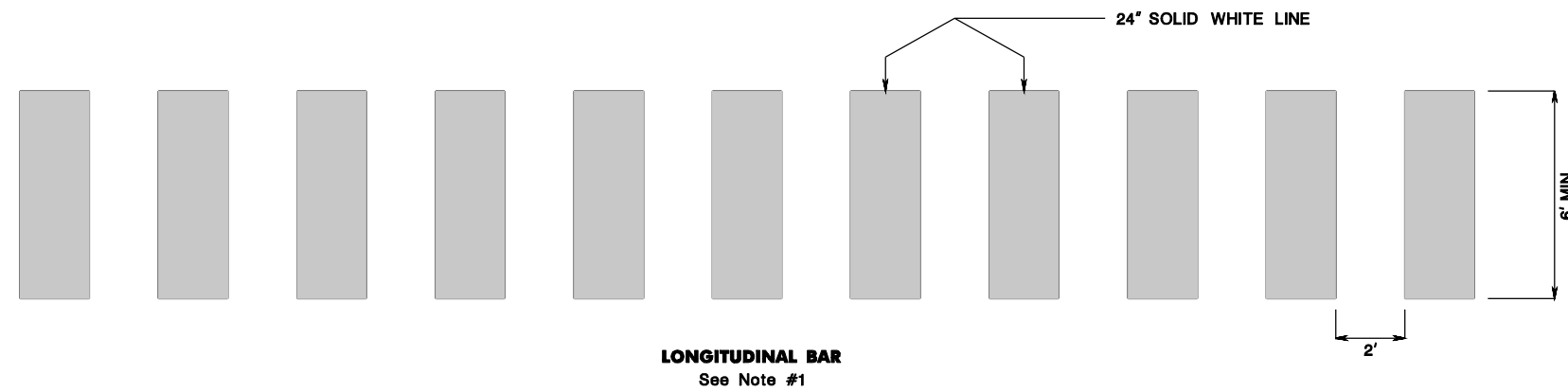
CD-610-9.1

87B
164

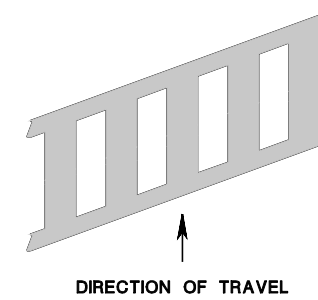
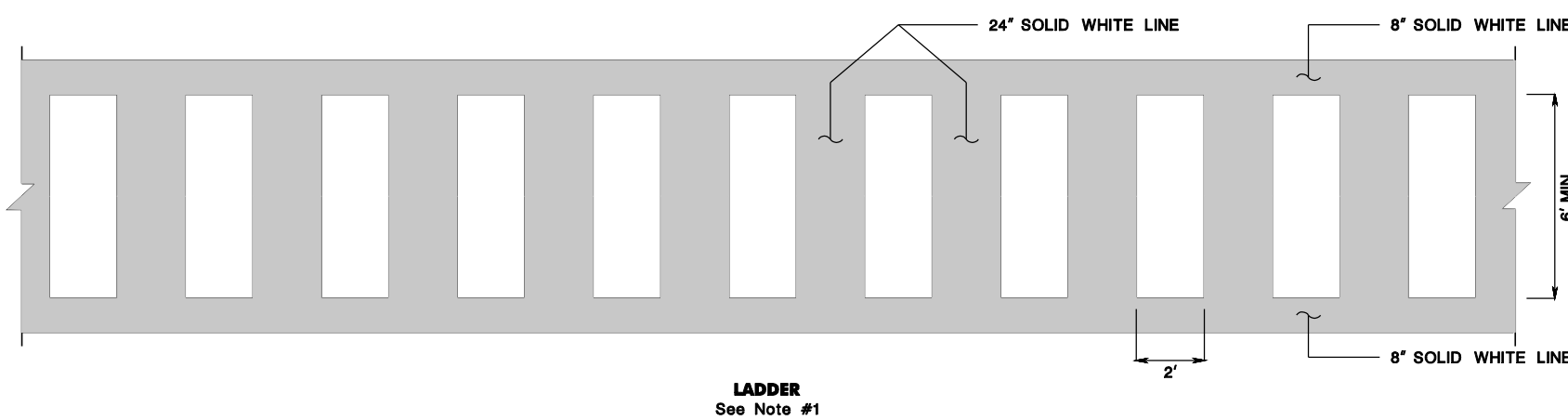
CROSSWALK MARKINGS



TYPICAL CROSSWALK DETAIL



- NOTES:
1. ALLOW 4' MINIMUM CLEAR SPACE AREA FOR ACCESS TO CURB RAMP WHERE CROSSWALK LINES INTERSECT.
 2. SEE STANDARD DETAIL CD-606-2 FOR PREFERRED CROSSWALK AND CURB RAMP TREATMENT



THE INNER CROSSWALK LINES MUST BE PARALLEL TO THE DIRECTION OF TRAVEL.

- NOTES:
1. Spaces between markings should be placed in wheel tracks of each lane.
 2. The "TRANSVERSE" crosswalk is the current standard used by the NJDOT.
 3. The "LONGITUDINAL BAR" and "LADDER" crosswalks are High-Visibility crosswalks.

TRAFFIC STRIPES AND MARKINGS

N.T.S.

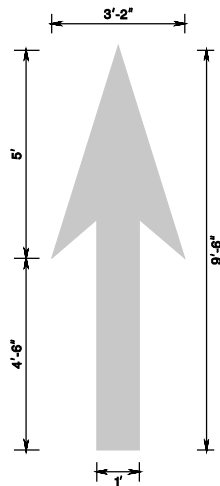
CD-610-10

NEW JERSEY DEPARTMENT OF TRANSPORTATION

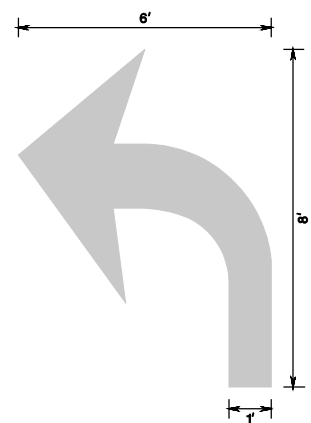
CONSTRUCTION DETAILS

CD-610-10.1

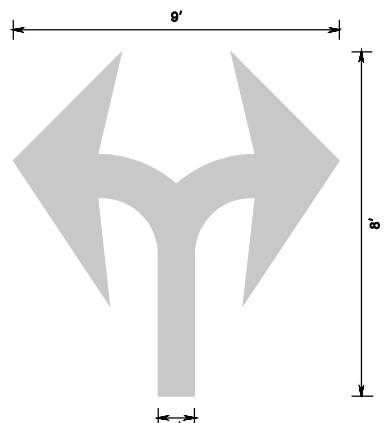
87C
164



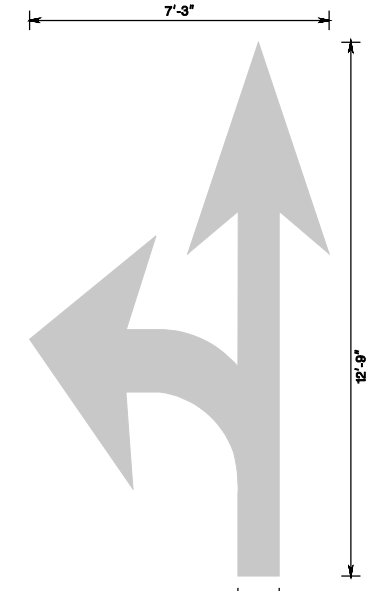
THROUGH ARROW
AREA = 12 S.F.



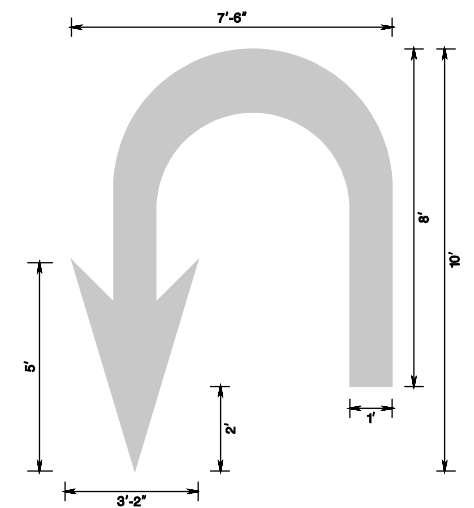
LEFT-TURN ARROW
AREA = 15 S.F.
(For Right-turn arrow, use mirror image)



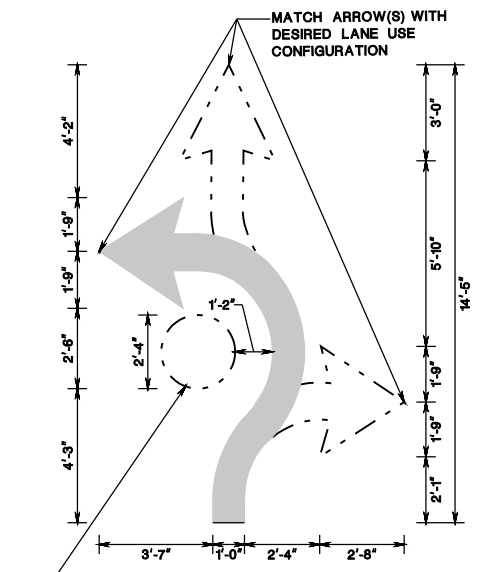
SHARED LEFT /RIGHT ARROW
AREA = 27 S.F.



SHARED LEFT /THROUGH ARROW
AREA = 27 S.F.
(For Shared Through/Right arrow, use mirror image)

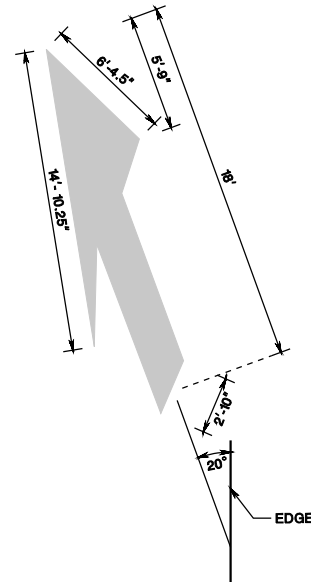


U-TURN ARROW
AREA = 24 S.F.

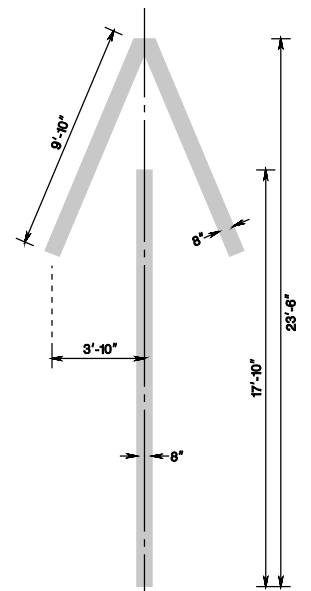


MATCH ARROW(S) WITH DESIRED LANE USE CONFIGURATION

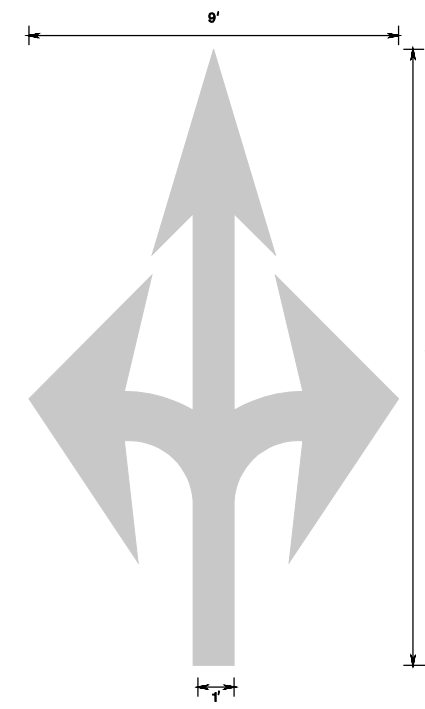
OPTIONAL FOR LEFT-MOST LANE (AREA = 4 S.F.)
CURVED-STEM LANE USE ARROWS
AREA (L, TH, R) = 28 S.F.
AREA (L, TH) = 23 S.F.
AREA (L, R) = 21 S.F.
AREA (L) = 16 S.F.



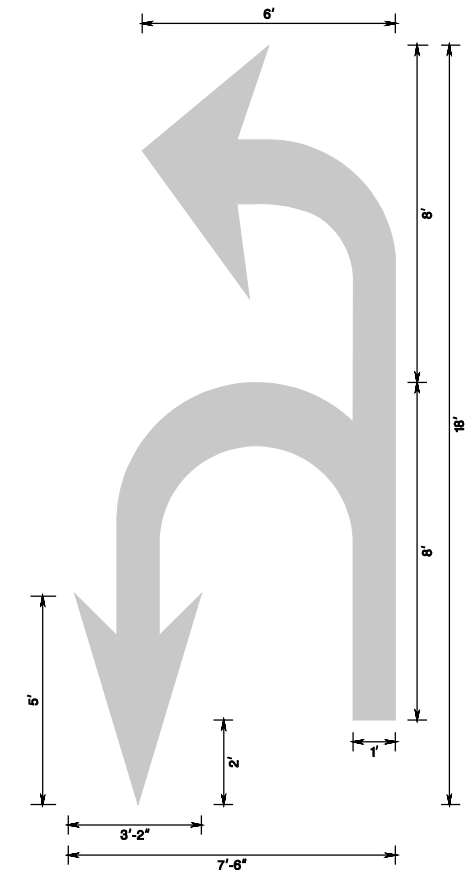
LANE DROP ARROW (RIGHT)
AREA = 42 S.F.
(For left lane, use mirror image)



WRONG-WAY ARROW
AREA = 25 S.F.



SHARED ALL MOVEMENT ARROW
AREA = 37 S.F.



COMBINATION LEFT-TURN /U-TURN ARROW
AREA = 42 S.F.

TRAFFIC STRIPES AND MARKINGS

N.T.S.

CD-610-11

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CD-610-11.1

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date= 10-JUN-2024 10:24
ID= 000754207

BDC24D-01-REVISED
BDC24D-07-ORIGINAL SHEET

25 35 40 MPH KEEP BUS ONLY BIKE YIELD SLOW SCHOOL

AREA=18.0 S.F. AREA=18.0 S.F. AREA=18.0 S.F. AREA=28.0 S.F. AREA=37.0 S.F. AREA=30.0 S.F. AREA=31.0 S.F. AREA=34.0 S.F. AREA=35.0 S.F. AREA=35.0 S.F. AREA=46.0 S.F.

AHEAD TURN XING PED NO EXIT SIGNAL OR LEFT RIGHT

AREA=45.0 S.F. AREA=35.0 S.F. AREA=31.0 S.F. AREA=27.0 S.F. AREA=19.0 S.F. AREA=27.0 S.F. AREA=47.0 S.F. AREA=18.0 S.F. AREA=29.0 S.F. AREA=37.0 S.F.

STOP TO DO NOT BLOCK NORTH SOUTH EAST WEST

AREA=32.0 S.F. AREA=15.0 S.F. AREA=18.0 S.F. AREA=25.0 S.F. AREA=41.0 S.F. AREA=44.0 S.F. AREA=42.0 S.F. AREA=34.0 S.F. AREA=36.0 S.F.

A B C D E F G H I J K L M N O P Q R

AREA=8.1 S.F. AREA=10.7 S.F. AREA=6.6 S.F. AREA=9.0 S.F. AREA=9.8 S.F. AREA=7.2 S.F. AREA=8.3 S.F. AREA=9.3 S.F. AREA=4.0 S.F. AREA=5.3 S.F. AREA=9.0 S.F. AREA=5.9 S.F. AREA=10.9 S.F. AREA=10.7 S.F. AREA=8.3 S.F. AREA=7.6 S.F. AREA=8.8 S.F. AREA=9.2 S.F.

S T U V W X Y Z

AREA=9.9 S.F. AREA=5.9 S.F. AREA=8.5 S.F. AREA=7.3 S.F. AREA=10.1 S.F. AREA=7.3 S.F. AREA=6.0 S.F. AREA=7.8 S.F.

1 2 3 4 5 6 7 8 9 0

AREA=4.0 S.F. AREA=8.9 S.F. AREA=9.2 S.F. AREA=8.0 S.F. AREA=9.5 S.F. AREA=9.7 S.F. AREA=5.9 S.F. AREA=10.5 S.F. AREA=9.7 S.F. AREA=9.0 S.F.

NOTES:

1. All number and letter pavement markings are white in color.
2. The space between words should be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. If a message consists of more than one word, it should read "UP", i.e., the first word should be nearest the driver.
4. Minor variations in dimensions may be accepted by the Resident Engineer.
5. Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.
6. Word and Symbol marking should not exceed three lines of information.
7. All Word markings are 8' in height.
8. The line width for the lettering is 6".
9. The spacing between the lettering is 4".

TRAFFIC MARKING SYMBOLS

N.T.S.

CD-610-13

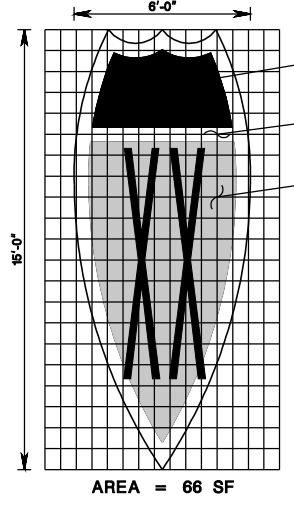
NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CD-610-13.1

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 BDC24D-01-REVISED
 BDC24D-07-ORIGINAL SHEET

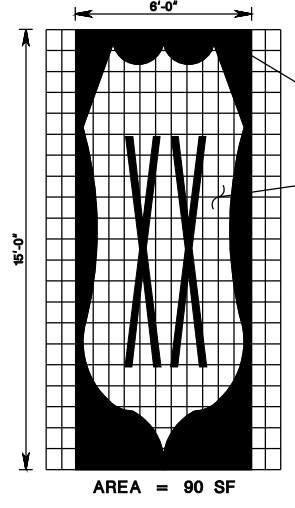
INTERSTATE



RED
 WHITE
 BLUE
 TEXT: WHITE
 4" LINE WIDTH

AREA = 66 SF

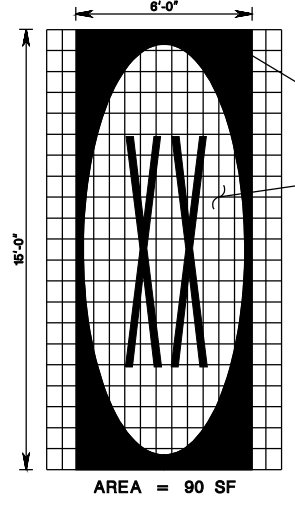
US



BLACK
 WHITE
 TEXT: BLACK
 4" LINE WIDTH

AREA = 90 SF

STATE



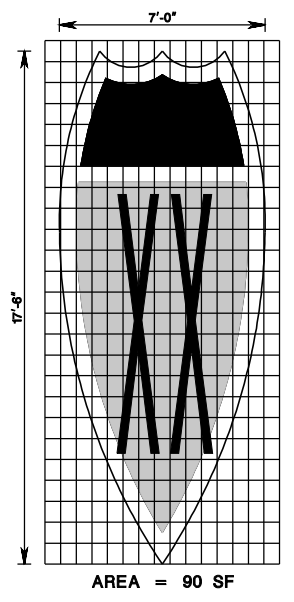
BLACK
 WHITE
 TEXT: BLACK
 4" LINE WIDTH

AREA = 90 SF

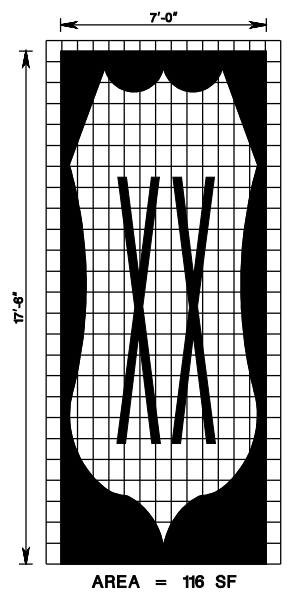
TWO DIGIT SHIELD:
6' WIDE

TWO DIGIT SHIELD:
7' WIDE

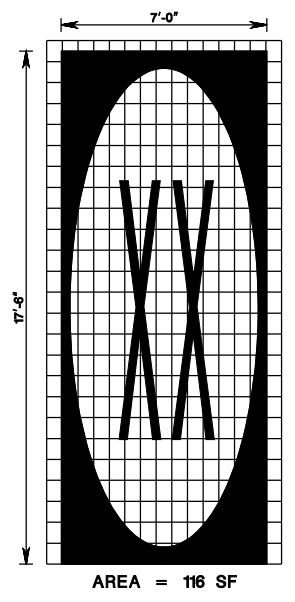
THREE DIGIT SHIELD:
8' WIDE



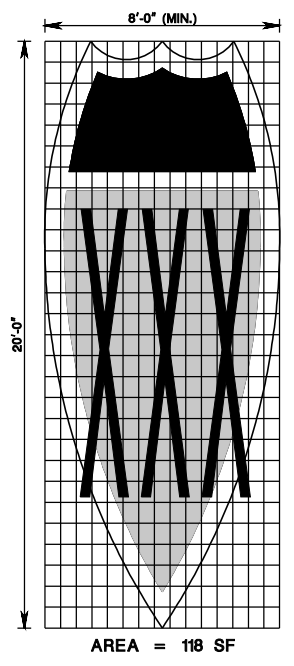
AREA = 90 SF



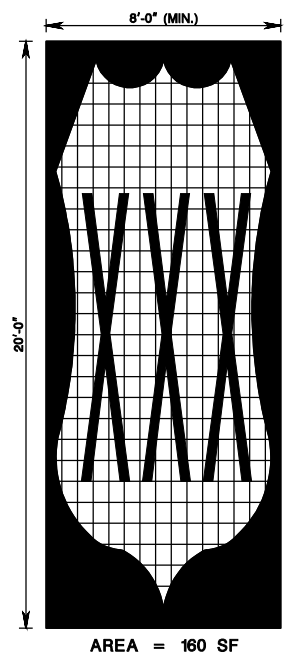
AREA = 116 SF



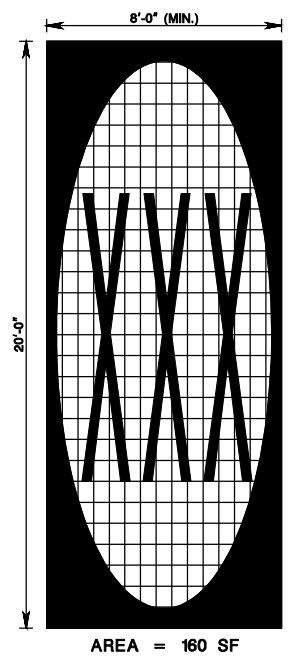
AREA = 116 SF



AREA = 118 SF

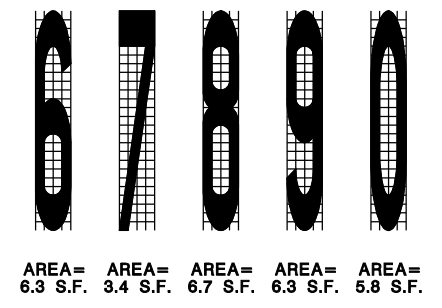
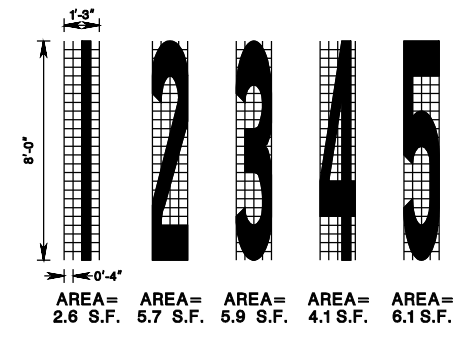
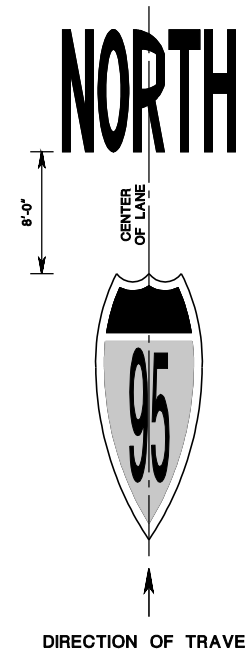


AREA = 160 SF

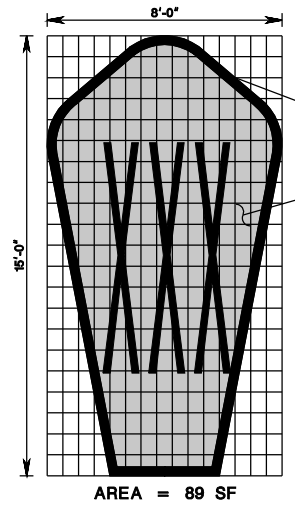


AREA = 160 SF

ROUTE SHIELD NUMBER MARKINGS - 4" LINE WIDTH



COUNTY



YELLOW
4" BORDER
 BLUE
 TEXT: YELLOW
4" LINE WIDTH

AREA = 89 SF

**TRAFFIC MARKING
ROUTE SYMBOLS**

N.T.S.

CD-610-14

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

NOTE:
 1. THE ROUTE SYMBOL CAN BE PRE-FORMED THERMOPLASTIC.
 INSTALLATION MUST FOLLOW THE NJDOT STANDARD SPECIFICATIONS
 FOR ROAD AND BRIDGE CONSTRUCTION.

CD-610-14.1