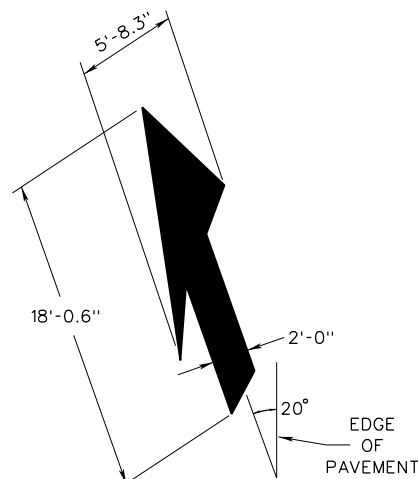
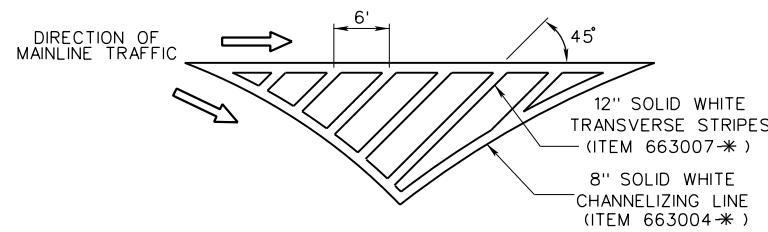


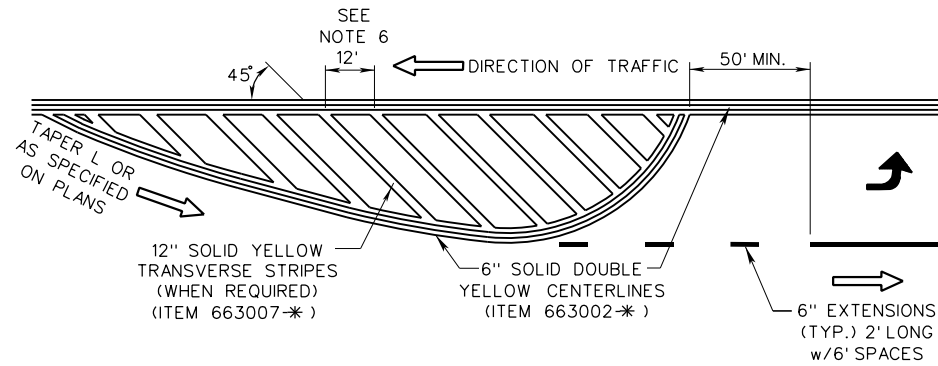
**RAMP WRONG WAY ARROW**  
SEE NOTE 7



**LANE REDUCTION ARROW**



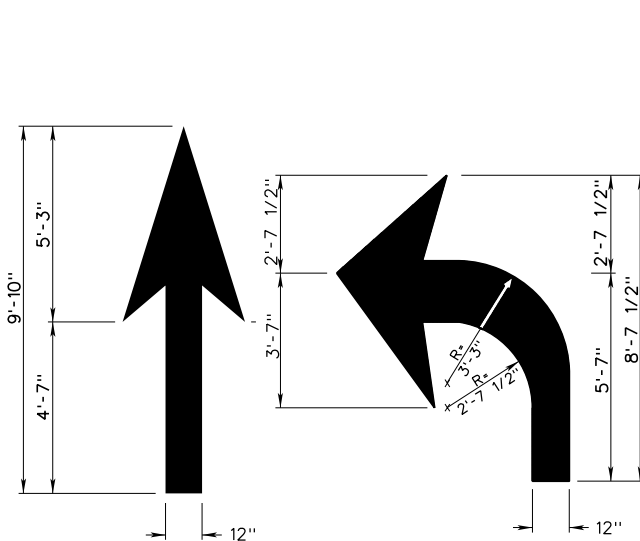
**(A) TYPICAL PAINTED ISLAND**



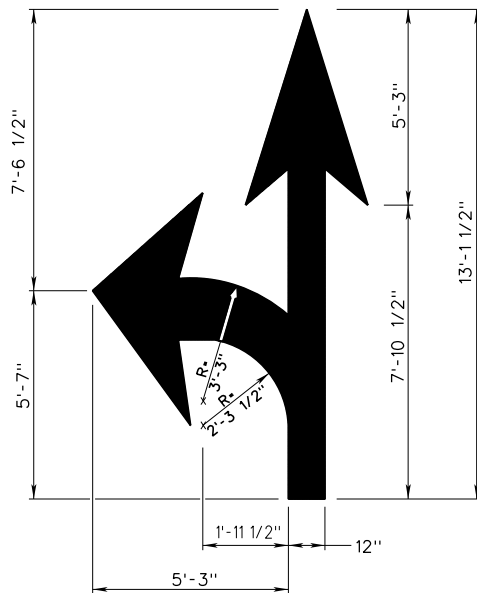
**(B) TYPICAL LANE SHUNT - UNDIVIDED HIGHWAY**

GENERAL NOTES

1. LOCATION OF WORDS AND SYMBOLS SHALL BE AS SHOWN ON THE PLANS OR AS OTHERWISE SPECIFIED.
2. TYPICAL PLACEMENT OF WORD AND SYMBOL MARKING IS SHOWN ON STANDARD SHEET TEM-2.
3. IF MESSAGES ON PAVEMENT CONSIST OF MORE THAN ONE WORD IT SHOULD BE READ "UP", THAT IS THE FIRST WORD SHOULD BE NEAREST THE DRIVER.
4. ALL WORD AND SYMBOL MARKING SHALL BE WHITE IN COLOR. (EXCEPTION: MARKINGS VISIBLE ONLY TO TRAFFIC PROCEEDING IN THE WRONG DIRECTION MAY BE RED).
5. WORD AND SYMBOL MARKING SHALL BE MADE OF TYPE V MATERIAL AS INDICATED ON THE CONTRACT PLANS. ENHANCED SKID RESISTANT TYPE V MATERIAL SHALL BE USED WHEN SPECIFIED.
6. THIS DIMENSION SHALL BE 12 FEET UNLESS OTHERWISE SPECIFIED. IN NO CASE SHALL THIS DIMENSION BE LESS THAN 8 FEET OR GREATER THAN 12 FEET.
7. WHERE LENGTH WILL PERMIT, TWO (2) FREEWAY RAMP ARROWS SHALL BE PLACED ON EXIT RAMP. THE NO. 1 ARROW SHOULD BE PLACED NEAR THE INTERSECTION OF THE RAMP AND THE INTERSECTING CROSSROAD (50 FT MIN.), BUT PRIOR TO THE BEGINNING OF ANY LANE SEPARATION CHANNELIZING LINES AT THE END OF THE RAMP. THE NO. 2 ARROW SHOULD BE PLACED NOT LESS THAN 100 FEET, BUT NOT MORE THAN 250 FEET PRIOR TO THE NO. 1 ARROW WITH 150-200 FEET DESIRABLE. THE NO. 2 ARROW SHALL NOT BE PLACED ON THE RAMP IN FRONT OF "EXIT" SIGN. ARROWS SHOULD BE LOCATED IN THE FIELD WITHIN LIMITS MENTIONED ABOVE, TAKING ADVANTAGE OF RAMP GRADE AND ALIGNMENT. ARROW SHALL BE CENTERED BETWEEN THE EDGE LINES, AND SHALL POINT IN THE DIRECTION OF THE INTENDED TRAFFIC FLOW.



ONE DIRECTIONAL

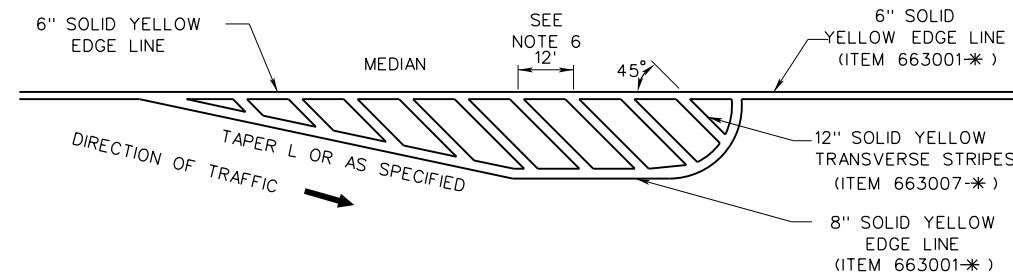


MULTI-DIRECTIONAL

**LANE ASSIGNMENT ARROWS**

**TYPICAL PAVEMENT MARKING ARROWS**  
(ITEM 663010-\*)

TAPER L DIMENSIONS  
 FOR SPEEDS 45 MPH OR MORE WHERE:  
 $L = S \times W$  L= LENGTH IN FEET  
 FOR SPEEDS 40 MPH OR LESS  $S =$  85TH PERCENTILE SPEED IN MPH  
 $L = \frac{WS^2}{60}$  W= OFFSET WIDTH IN FEET



**(C) TYPICAL LANE SHUNT - DIVIDED HIGHWAY**

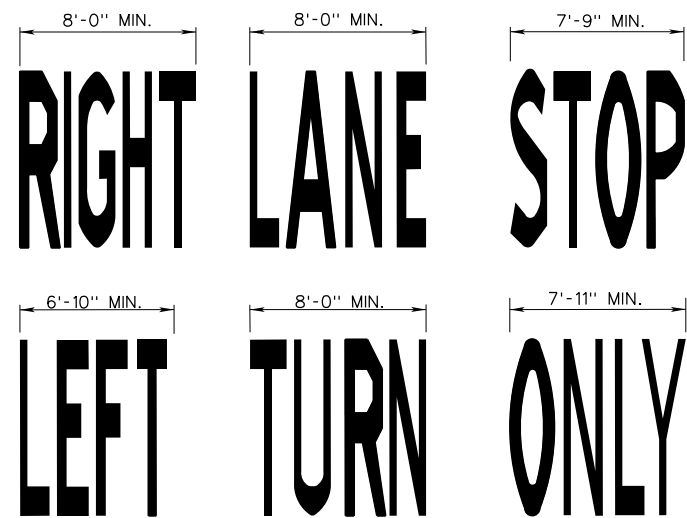
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STANDARD DETAIL

CHANELIZATION,  
 WORD AND SYMBOL  
 MARKINGS  
 (SHEET 1 of 3)

STANDARD SHEET TEM-3

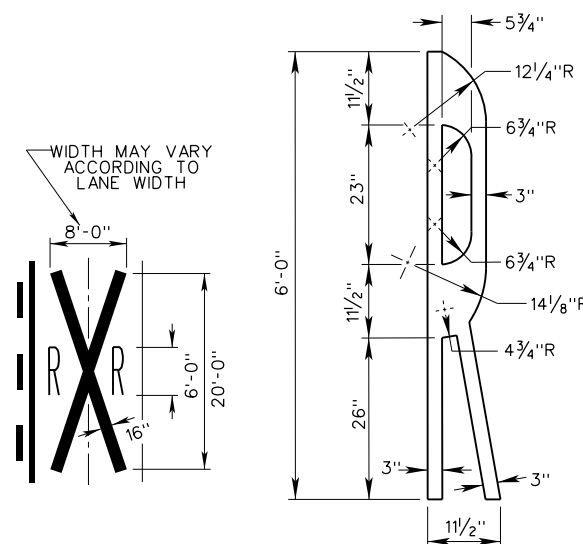
PREPARED: 8/2018  
 REVISION DATE

12/19/2018  
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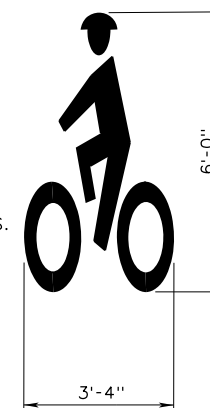
ALL LETTERS SHALL HAVE A MIN. HEIGHT OF 8'-0"

**TYPICAL PAVEMENT MARKING LEGENDS  
 (ITEM 663011-\*)**



**RAILROAD-HIGHWAY CROSSINGS  
 (ITEM 663015-\*)**

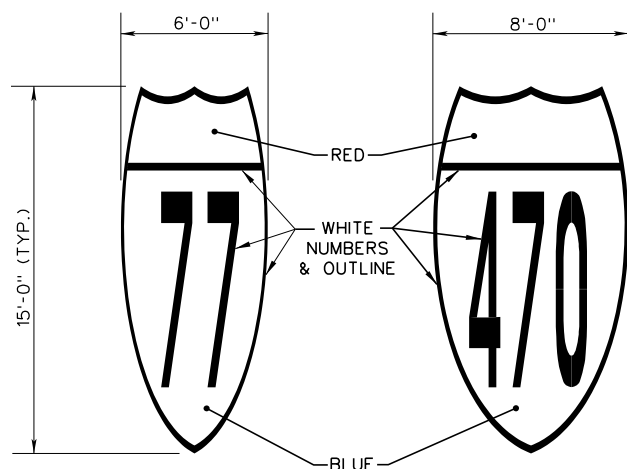
SYMBOL SHALL BE CENTERED ON BICYCLE LANE. SYMBOL MAY BE REVERSED BASED ON ENGINEERING JUDGEMENT FOR UNIQUE CIRCUMSTANCES.



**BICYCLE SYMBOL  
 (ITEM 663009-\*)**

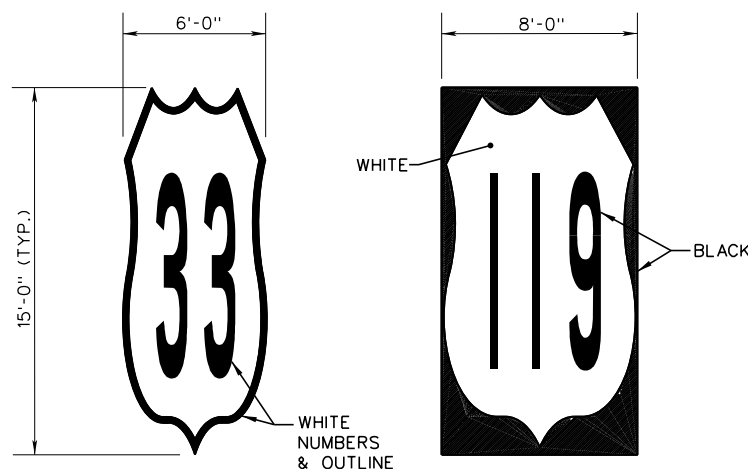
GENERAL NOTES

1. LOCATION OF WORDS AND SYMBOLS SHALL BE AS SHOWN ON THE PLANS OR AS OTHERWISE SPECIFIED.
2. TYPICAL PLACEMENT OF WORD AND SYMBOL MARKING IS SHOWN ON STANDARD SHEET TEM-2.
3. IF MESSAGES ON PAVEMENT CONSIST OF MORE THAN ONE WORD IT SHOULD BE READ "UP", THAT IS THE FIRST WORD SHOULD BE NEAREST THE DRIVER.
4. ALL WORD AND SYMBOL MARKING SHALL BE WHITE IN COLOR. EXCEPTIONS: MARKINGS VISIBLE ONLY TO TRAFFIC PROCEEDING IN THE WRONG DIRECTION MAY BE RED. ELONGATED INTERSTATE ROUTE SHIELDS MAY BE RED AND BLUE.
5. WORD AND SYMBOL MARKING SHALL BE MADE OF TYPE V MATERIAL AS INDICATED ON THE CONTRACT PLANS. ENHANCED SKID RESISTANT TYPE V MATERIAL SHALL BE USED WHEN SPECIFIED.
6. YIELD MARKINGS SHOULD BE PLACED AT THE DESIRED YIELD POINT AS NEAR AS POSSIBLE TO THE INTERSECTING ROADWAY, BUT IN NO CASE MORE THAN 30 FEET OR LESS THAN 4 FEET FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.
7. WORD/NUMBER MARKINGS SHALL BE MADE UP OF LETTERS/DIGITS OF THE SHAPE AND PROPORTION AS SHOWN IN SECTION 10 OF THE FHWA PUBLICATION "STANDARD HIGHWAY SIGNS AND MARKINGS", LATEST EDITION.
8. ELONGATED ROUTE SHIELD PAVEMENT MARKINGS ARE TO BE TYPE V. US ROUTE SHIELDS SHALL HAVE CONTRAST FOR BOTH ASPHALT AND CONCRETE PAVEMENT. SYMBOL TO BE ALIGNED IN THE CENTER OF THE LANE. ARROWS OR MESSAGES (TO, LEFT, RIGHT, NORTH, SOUTH, ETC.) MAY BE USED TO SUPPLEMENT ROUTE SHIELDS AND SHALL FOLLOW THE ROUTE SHIELD. USE AN 80 FT GAP BETWEEN MARKINGS. HOWEVER, CARDINAL DIRECTIONS (IF USED) MAY BE 40 FT FROM A ROUTE SHIELD MARKING.
9. USE OF ROUTE SHIELD PAVEMENT MARKINGS MUST BE SUPPORTED BY STUDY AND APPROVED BY TRAFFIC ENGINEERING DIVISION.



ON ASPHALT OR CONCRETE PAVEMENT

**INTERSTATE SHIELDS \*\***



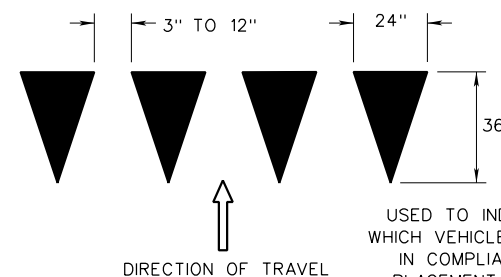
ON ASPHALT PAVEMENT

ON CONCRETE PAVEMENT

**US ROUTE SHIELDS \*\***

**TYPICAL ELONGATED ROUTE SHIELDS \*\***

\*\* - SEE NOTE 9



USED TO INDICATE THE POINT BEHIND WHICH VEHICLES ARE REQUIRED TO YIELD IN COMPLIANCE WITH A YIELD SIGN; PLACEMENT SHALL FOLLOW NOTE 8.

**YIELD TRIANGLES  
 (ITEM 663008-\*)**

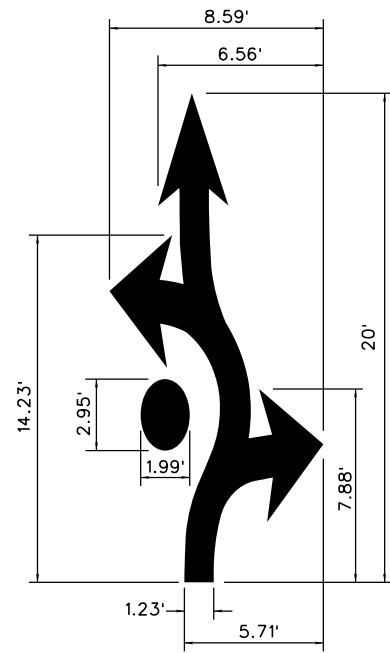
NOTE:  
 ← THIS ARROW ONLY INDICATES DIRECTION OF TRAVEL.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STANDARD DETAIL

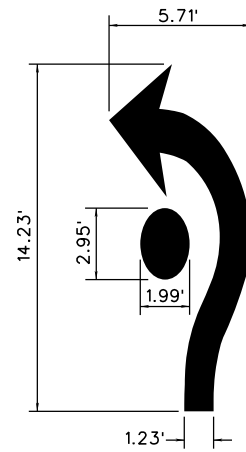
PREPARED: 8/2018  
 REVISION DATE

**CHANNELIZATION,  
 WORD AND SYMBOL  
 MARKINGS  
 (SHEET 2 of 3)**

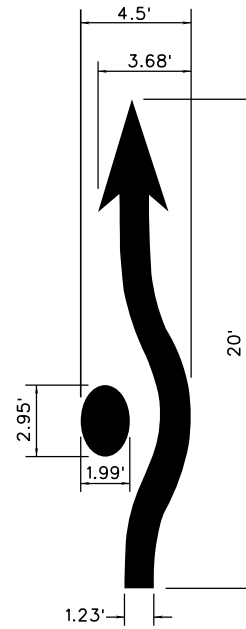
**STANDARD SHEET TEM-3**



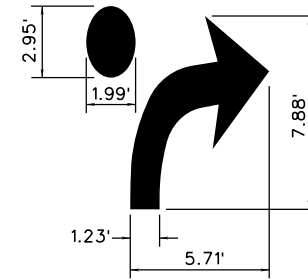
**TYPE LTRE**



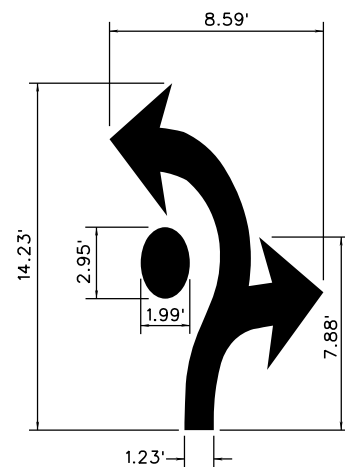
**TYPE LE**



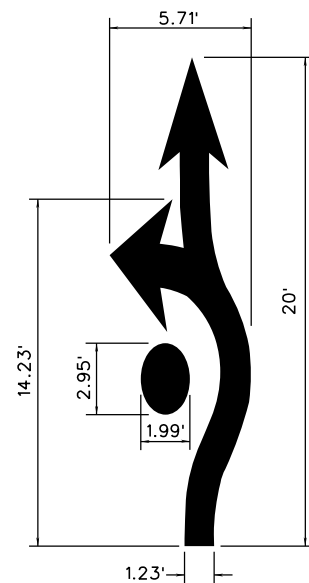
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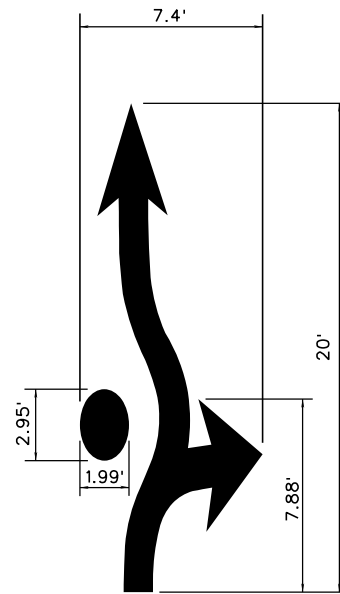
**TYPE RE**



**TYPE LRE**



**TYPE LTE**



**TYPE TRE**

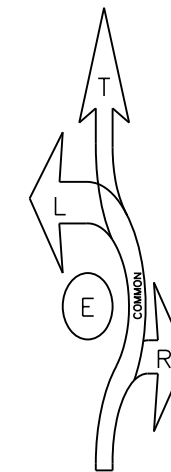
**ROUNDABOUT TRAFFIC ARROWS  
(ITEM 6630??-\*)**

**GENERAL NOTES**

1. LOCATION OF WORDS AND SYMBOLS SHALL BE AS SHOWN ON THE PLANS OR AS OTHERWISE SPECIFIED.
2. CENTER THE ARROW ON THE LANE CENTERLINE BETWEEN THE LATERAL EXTREMITIES OF THAT ARROW TYPE.
3. ALL WORD AND SYMBOL MARKING SHALL BE WHITE IN COLOR. (EXCEPTION: MARKINGS VISIBLE ONLY TO TRAFFIC PROCEEDING IN THE WRONG DIRECTION MAY BE RED).
4. WORD AND SYMBOL MARKING SHALL BE MADE OF TYPE V MATERIAL AS INDICATED ON THE CONTRACT PLANS. ENHANCED SKID RESISTANT TYPE V MATERIAL SHALL BE USED WHEN SPECIFIED.



**LANE PLACEMENT  
SEE NOTE 2**



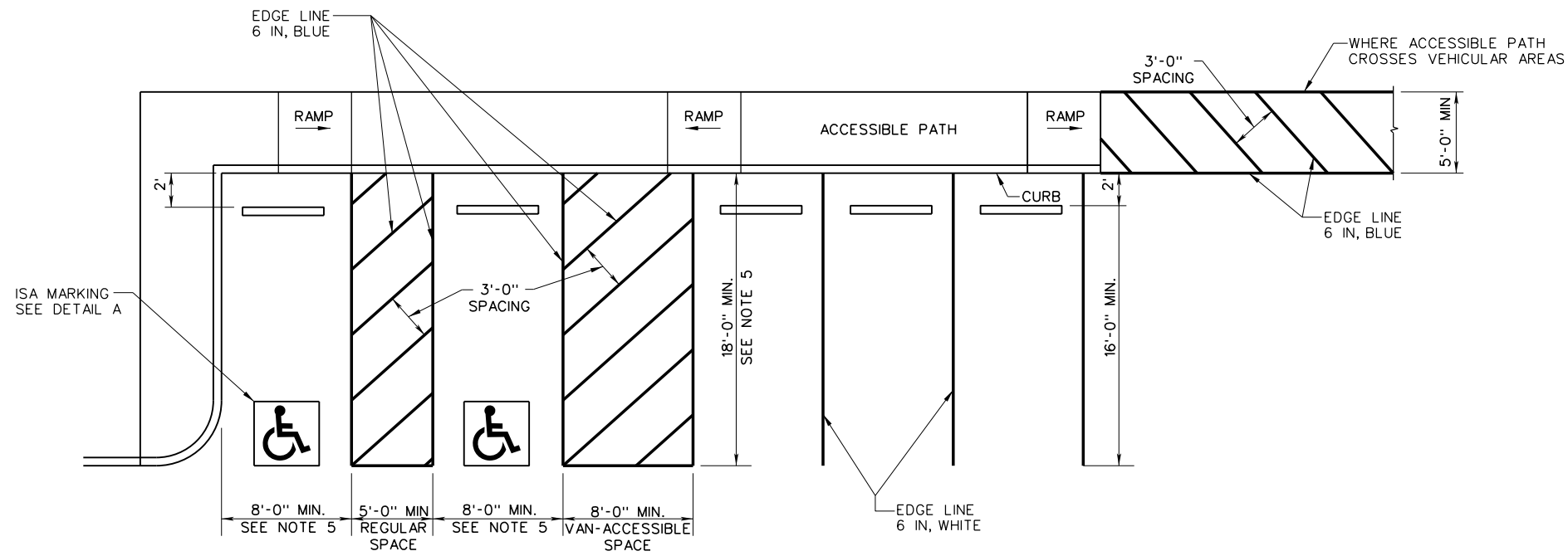
**COMPONENT KEY**

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
STANDARD DETAIL**

**CHANNELIZATION,  
WORD AND SYMBOL  
MARKINGS  
(SHEET 3 of 3)**

**STANDARD SHEET TEM-3**

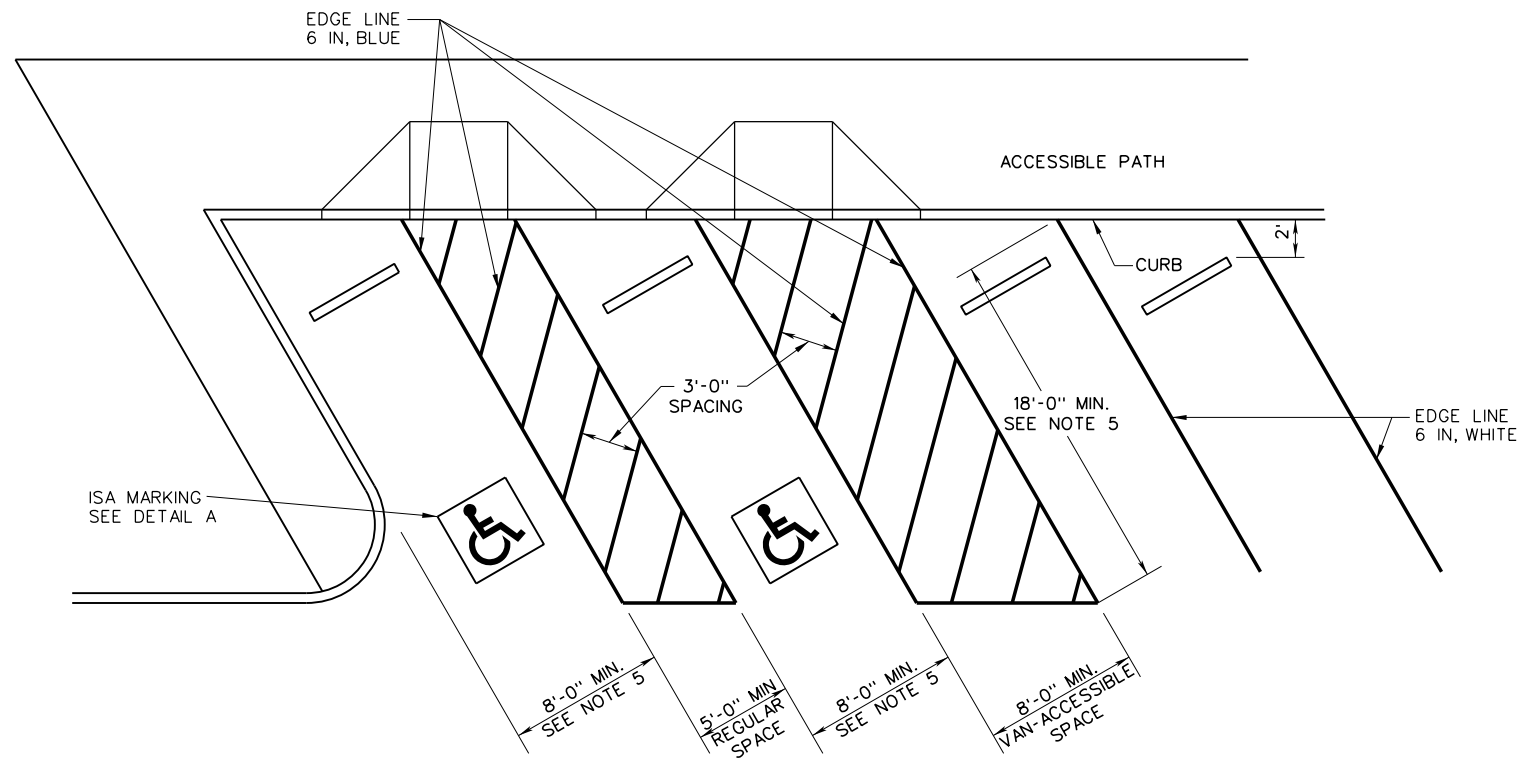
PREPARED: 8/2018  
REVISION DATE

**PERPENDICULAR PARKING**

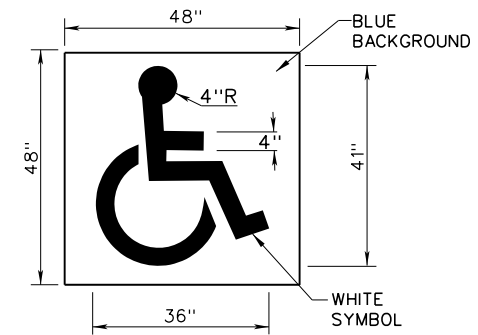
**GENERAL NOTES**

1. LOCATION OF ISA MARKING SHALL BE AS SHOWN ON THE PLANS OR AS OTHERWISE SPECIFIED.
2. THE ISA MARKING SHALL BE COMPRISED OF A WHITE FIGURE ON A BLUE BACKGROUND. THE PAVEMENT MARKINGS COLORS SHALL CONFORM TO THE STANDARD HIGHWAY COLORS.
3. THE ISA MARKING ONLY TO BE USED WHERE THE FACILITY MEETS FEDERAL ACCESSIBILITY GUIDELINES.
4. THE PARKING LAYOUTS SHOWN ARE TO BE CONSIDERED SCHEMATIC. LAYOUTS WILL VARY DEPENDING ON FEDERAL ACCESSIBILITY GUIDELINES AND SITE SPECIFICS.
5. ACCESSIBLE PARKING SPACES SHALL NOT BE SMALLER IN LENGTH OR WIDTH THAN THAT SPECIFIED BY THE LOCAL JURISDICTION FOR OTHER PARKING SPACES.
6. ACCESSIBLE PATHS THAT MUST CROSS VEHICULAR AREAS SHALL BE STRIPED AS SHOWN.
7. SEE STANDARD SHEET PVT 7 IN STANDARD DETAILS BOOK VOLUME I FOR RAMP DETAILS.



**ANGLED PARKING**

**TYPICAL ACCESSIBLE PARKING LAYOUTS**



**DETAIL A**  
**TYPE V ISA MARKING**

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**STANDARD DETAIL**

PREPARED: 8/2018  
REVISION DATE

**ACCESSIBLE PARKING AND SYMBOL MARKINGS**

**STANDARD SHEET TEM-5**

ISA = INTERNATIONAL SYMBOL OF ACCESS

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