STANDARD MARKINGS FOR TWO-LANE, TWO-WAY TRAFFIC

NUMBER OF TRAFFIC ARROWS BASED ON APPROACH LANE LINE LENGTH

- **LESS THAN 50'**
  - 1 LEGEND, 20' BEHIND STOP LINE

- **50' - 120'**
  - 2 LEGENDS, AS SHOWN

- **GREATER THAN 120'**
  - SPACED AT EVEN INTERVALS - MAX SPACING 150'

STANDARD MARKINGS FOR LEFT TURN LANE

- **TYPE 2W RPM**
  - DOUBLE CENTERLINE (YELLOW)
  - WIDE LANE LINE (LEFT LANE APPROACH)

- **50'**
  - VARI)ES

END OF TWO-WAY TURN LANE

- **SPEED LIMIT x (3)**
  - VARI)ES (20' MIN)

STANDARD MARKINGS FOR TWO-WAY TURN LANE

- **NUMBER OF TRAFFIC ARROWS BASED ON APPROACH LANE LINE LENGTH**

  - **APPROACH LANE LINE LENGTH**
    - **LESS THAN 50'**
      - 1 LEGEND, 20' BEHIND STOP LINE
    - **50' - 120'**
      - 2 LEGENDS, AS SHOWN
    - **GREATER THAN 120'**
      - SPACED AT EVEN INTERVALS - MAX SPACING 150'

- **WHITE LANE LINE OR YELLOW CENTERLINE**
  - SEE DETAIL D DASHED LANE LINE COS STD 403

- **CENTERLINE AND LANE LINE MARKINGS**

  - **WHITE LANE LINE OR YELLOW CENTERLINE**

  - **WIDTH AND COLOR SHALL MATCH CONNECTING CHANNELIZATION**

  - **DOTTED EXTENSION LANE MARKING**
NOTES:
1. "ONLY" LEGENDS ARE OPTIONAL
2. TRAFFIC ARROWS SHOULD BE ALIGNED BY THE BASE OF THE LEGEND AND CENTERED IN THE LANE
3. TRAFFIC ARROWS SHALL BE PER WSDOT STD PLAN M-24.40-02 (LOW SPEED)
4. TRAFFIC LETTERS AND NUMBERS SHALL BE PER WSDOT STD PLAN M-80.10-01 - LOW SPEED APPLICATIONS

DETAIL A1 - WIDE LANE LINE (RIGHT TURN APPROACH)
BIKE LANE MARKINGS - RIGHT ONLY LANE

NOTES:
1. BICYCLE LANE SYMBOL PER WSDOT STD PLAN M-9.50-02
2. INSTALL BICYCLE LANE LEGENDS AT THE ENDS OF EACH BLOCK, SEE DRAWING FOR DIMENSIONS
3. FOR LONG BLOCKS INSTALL BICYCLE LANE LEGENDS AT EVEN INTERVALS APPROXIMATELY 300' APART
4. USE 8" WHITE EXTENSION BIKE LANE LINE THROUGH BUS ZONES
5. INSTALL "BIKE LANE ENDS" SIGN (R4-4) 100' PRIOR TO TERMINATING A BIKE LANE
6. WHEN BIKE LANE ADJACENT TO FOG LINE OR CURB IS GREATER THAN OR EQUAL TO 7', USE A BUFFERED BIKE LANE, SEE STD PLAN 411
6' Preferred - 4' Min
3' Preferred - 2' Min
Buffered Bike Lane
Bus Zone - 85' Min
45°
7.5' Typ

White Edge Line
White Bike Lane Line
4" White Extension Line
8" White Extension Line
20' Typ
7' Min

4" White Thermoplastic Crosshatch
3' Preferred - 2' Min
6' Preferred - 4' Min
25'

Driveway

Bus Zone - 85' Min
Buffered Bike Lane

Use only 1 Bike Lane Legend at the head of the "T". It should be placed on the far side of the intersection.

T-Intersections
NOTES:
1. SEE WSDOT STD PLAN J-50.12-00 FOR WIRING PLAN
2. ADVANCED LOOPS SHOULD NOT BE IN SERIES WITH STOP BAR LOOPS
3. LOOP SHOULD BE SEPARATED BY LANE
NOTES:
1. TWO PEDESTRIAN PUSHBUTTONS ON A CORNER SHOULD BE SEPARATED BY 10'.
2. PUSH BUTTON FACE SHOULD BE ORIENTED PARALLEL TO THE CROSSING DIRECTION.
3. PUSH BUTTON SHALL HAVE A 4' X 4' LANDING WITH LESS THAN A 2% CROSS-SLOPE IN ALL DIRECTIONS. PUSH BUTTON LANDING CAN OVERLAP WITH ADA RAMP LANDING.
NOTES:
1. PEDESTRIAN SCALE LIGHTING SHOULD BE DIRECTED TOWARD THE SIDEWALK, AND CAN BE USED IN COMBINATION WITH ROADWAY SCALE LIGHTING.
2. PEDESTRIAN SCALE LUMINAIRES SHALL BE MOUNTED 12 TO 14 FEET ABOVE THE SIDEWALK.
3. ALL FIXTURES SHALL BE FROM TABLE 1 AND REQUIRE APPROVAL FROM THE CITY TRAFFIC ENGINEER.
4. INTERSECTION STREET LIGHTING SHOULD BE PLACED DOWNSTREAM OF CURB RAMPS, PERPENDICULAR TO THE CURB. FOLLOWING FHWA GUIDANCE, LUMINAIRES SHOULD BE LOCATED AT LEAST 10 FEET FROM THE CROSSWALK AND POSITIONED TO LIGHT THE SIDE OF THE PEDESTRIAN FACING THE APPROACHING VEHICLE.
5. WHERE FEASIBLE, LIGHTING SHOULD BE PLACED ON THE APPROACH SIDE OF A MID-BLOCK PEDESTRIAN CROSSING TO ENHANCE VISIBILITY OF PEDESTRIANS.
6. LIGHTING SHALL COMPLY WITH SECTION 7.9 OF THE ENGINEERING DEVELOPMENT MANUAL.
7. LIGHTING DESIGN AND CONSTRUCTION SHALL BE CONSISTENT WITH THE FOLLOWING CITY OF SEATTLE STANDARD PLANS AND CONSTRUCTION STANDARDS:
   a. STD PLAN 543B - PED LIGHT POLE FOUNDATION DETAIL
   b. STD PLAN 563A - POLE MOUNTING AND GROUT DETAIL
   c. STD PLAN 463B - FESTOON OUTLET DETAIL
   d. CONSTRUCTION STANDARD 1714.50 - UNDERGROUND STREETLIGHT SYSTEMS
   e. CONSTRUCTION STANDARD 1716.34 - STREETLIGHT POLE MOUNTING & GROUTING

<table>
<thead>
<tr>
<th>TYPE</th>
<th>LIGHT</th>
<th>POLE/ BASE</th>
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<tbody>
<tr>
<td>DECORATIVE PEDESTRIAN LIGHT</td>
<td>5723.15 - URBANSCAPE PED LIGHT</td>
<td>5752.05 - ROUND STREETLIGHT POLE</td>
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<tr>
<td></td>
<td>5723.23 - SIDE MOUNT PED LIGHT</td>
<td>5754.07 - SQUARE PED LIGHT POLE</td>
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</tbody>
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| TABLE 1: MATERIAL STANDARD NUMBERS (FROM SEATTLE CITY LIGHT CATALOG) |
|---------------------------|---------------------------|--------------------------------------|
| DECORATIVE PEDESTRIAN LIGHT | 5723.15 - URBANSCAPE PED LIGHT | 5752.05 - ROUND STREETLIGHT POLE |
| DECORATIVE PEDESTRIAN LIGHT | 5723.23 - SIDE MOUNT PED LIGHT | 5754.07 - SQUARE PED LIGHT POLE |
|                           | 5723.15 - URBANSCAPE PED LIGHT | 5723.23 - SIDE MOUNT PED LIGHT |

APPROVED BY: TRICIA JUHNKE CITY ENGINEER
PUBLICATION DATE: 03/01/2020 REVISION DATE: 02/11/2020

STANDARD DETAIL NUMBER: 440 SCALE: NOT TO SCALE
PEDESTRIAN LIGHTING