# Summary of Standard Drawing Changes
## January 2021

<table>
<thead>
<tr>
<th>Std Dwg No.</th>
<th>Summary of Changes</th>
</tr>
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<tbody>
<tr>
<td>PC.H2.9</td>
<td>Minor changes</td>
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<tr>
<td>PC.H3</td>
<td>Changes to drawing to follow WSDOT Typ. 1 and 2 Mailbox Support drawings; Renamed drawing to reference mailbox placement.</td>
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<tr>
<td>PC.H5.1</td>
<td><strong>NEW</strong>: Guardrail Reflector Strip Details</td>
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<tr>
<td>PC.H5.2</td>
<td><strong>NEW</strong>: Guardrail Reflector Tab Details</td>
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NOTES:

1) **GENERAL** - ALL PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND TO THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, AS ADOPTED BY PIERCE COUNTY. ALL STRIPING SHALL BE PAINTED USING WATER-BASED MATERIAL UNLESS OTHERWISE SPECIFIED IN THE PLANS. ALL ARROWS, ONLYS, CROSSWALK LINES, STOP LINES, AND OTHER MARKINGS SHALL BE TYPE B PREFORMED THERMOPLASTIC, AS APPROVED BY THE COUNTY TRAFFIC ENGINEER. ALL TYPE B PAVEMENT MARKING MATERIAL SHALL HAVE FACTORY APPLIED REFLECTIVE BEADS AND HEAT INDICATORS. WHEN SPECIFIED ON THE PLANS, ALL LONG LINES SHALL BE PLASTIC TYPE D-3 OR D-4.

2) **CENTER LINES** - CENTER LINES, NO-PASS LINES, AND DOUBLE CENTER LINES, AS WARRANTED, SHALL BE USED ON ALL ARTERIALS AND ON ALL UNDIVIDED PAVEMENTS OF THREE OR MORE LANES.

DOUBLE CENTER LINE SHALL HAVE 4 INCHES BETWEEN LINES FOR MULTI-LANE ROADWAYS, COLLECTOR ARTERIAL, WHERE LEFT-TURN CHANNELIZATION IS PRESENT, AND ON NARROWER ROADWAYS WITH 10-FOOT WIDE LANES OR LESS. DOUBLE CENTER LINE SHALL HAVE 12 INCHES BETWEEN LINES ON MAJOR AND SECONDARY ARTERIALS, WHERE NONE OF THE ABOVE LISTED CONDITIONS ARE PRESENT.

INSTALL CENTER LINE RPMs IN ACCORDANCE WITH SHEETS 4, 5, AND 6 OF 9.

3) **LANE LINE** - LANE LINES SHALL BE USED ON MULTI-LANE ROADS. INSTALL RPMs IN ACCORDANCE WITH SHEETS 4, 5, AND 6 OF 9.

4) **EDGE LINE** - EDGE LINES SHALL BE USED UNDER THE FOLLOWING CIRCUMSTANCES AND SHALL BE CARRIED THROUGH PRIVATE DRIVEWAYS AND PRIVATE ROAD APPROACHES:

   - A) ON ALL MAJOR ARTERIALS, WHEN MINIMUM 10-FOOT LANE WIDTHS CAN BE PROVIDED AND NO CONTINUOUS CURBING EXISTS ALONG THE ARTERIAL.
   - B) ON ALL URBAN SECONDARY ARTERIALS AND ALL RURAL SECONDARY ARTERIALS THAT HAVE A POSTED SPEED LIMIT OF 40 MPH OR GREATER OR AN AADT > 3,000, WHEN MINIMUM 10-FOOT LANE WIDTHS CAN BE PROVIDED AND NO CONTINUOUS CURBING EXISTS ALONG THE ARTERIAL.
   - C) ON ALL COLLECTOR ARTERIALS THAT HAVE AN AADT > 3,000, WHEN MINIMUM 10-FOOT LANE WIDTHS CAN BE PROVIDED AND NO CONTINUOUS CURBING EXISTS ALONG THE ARTERIAL.
   - D) ON ALL PAVEMENT WIDTH TRANSITIONS. Omit if adjacent to curbing.
   - E) ON ALL ARTERIALS WHERE IT IS DESIRABLE TO REDUCE DRIVING ON PAVED SHOULDERS.

5) **STOP LINE** - STOP LINES SHALL BE USED UNDER THE FOLLOWING CIRCUMSTANCES AND SHALL BE CARRIED ACROSS ALL APPROACH LANES THAT ARE REQUIRED TO STOP:

   - A) ON ALL APPROACHES TO SIGNALIZED INTERSECTIONS.
   - B) ON ALL APPROACHES TO MULTI-WAY STOP INTERSECTIONS.
   - C) ON ALL APPROACHES WHERE CHANNELIZATION EXISTS.

6) **CROSSWALK LINE** - CROSSWALK LINES SHALL HAVE A SLIP-RESISTANT TREATMENT. THEY SHALL BE USED AT STOP-CONTROLLED INTERSECTIONS, WHEN APPROVED BY THE COUNTY ENGINEER, AT ALL SIGNALIZED INTERSECTIONS, AND AT COUNTY ENGINEER-APPROVED MID-BLOCK CROSSINGS AND UNCONTROLLED CROSSINGS.

7) **REMOVAL** - ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH NEW PAVEMENT MARKINGS SHALL BE REMOVED.

8) **DEFINITIONS** - (NOTE: PROFILED PLASTIC LINES (TYPE D) SHALL CONFORM TO WSDOT STANDARD PLAN M-20.20-XX UNLESS OTHERWISE NOTED)

   - A) CENTER LINE - 4-INCH BROKEN YELLOW, 10-FOOT LINE, 30-FOOT GAP (NOT PROFILED IF TYPE D)
   - B) NO-PASS LINE - 4-INCH SOLID YELLOW / 4-INCH GAP / 4-INCH BROKEN YELLOW, 10-FOOT LINE, 30-FOOT GAP (NOT PROFILED IF TYPE D)
   - C) DOUBLE CENTER LINE - 4-INCH SOLID YELLOW / 4-INCH OR 12-INCH GAP / 4-INCH SOLID YELLOW (NOT PROFILED IF TYPE D)
   - D) TWO-WAY LEFT-TURN CENTER LINE - 4-INCH SOLID YELLOW / 4-INCH GAP / 4-INCH BROKEN YELLOW, 10-FOOT LINE, 30-FOOT GAP (NOT PROFILED IF TYPE D)
   - E) LANE LINE - 4-INCH BROKEN WHITE, 10-FOOT LINE, 30-FOOT GAP (PROFILED IF TYPE D)
   - F) EDGE LINE - 4-INCH SOLID YELLOW OR WHITE (NOT PROFILED IF TYPE D)
   - G) WIDE LANE LINE - 8-INCH SOLID WHITE (PROFILED IF TYPE D)
   - H) WIDE DOTTED LANE LINE - 8-INCH DOTTED WHITE, 3-FOOT LINE, 9-FOOT GAP (PROFILED IF TYPE D)
   - I) DOTTED EXTENSION LINE - 4-INCH DOTTED WHITE OR YELLOW, 2-FOOT LINE, 6-FOOT GAP (NOT PROFILED IF TYPE D)
   - J) STOP LINE - 18-INCH WHITE, PLASTIC
   - K) CROSSWALK LINE - 24-INCH WIDE, 9-FOOT LONG, UNLESS OTHERWISE NOTED, PLASTIC

(RESULT OF SCALE)
NOTES:
1) 4:1 TAPERS MAY BE ELIMINATED PROVIDED 4’ MINIMUM CLEARANCE FROM BACK OF WALK TO BACK OF MAILBOX IS PROVIDED.
2) SEE WSDOT STANDARD PLAN H-70.10-XX FOR TYPE 1 MAILBOX SUPPORT MATERIALS.
3) SEE WSDOT STANDARD PLAN H-70.20-XX FOR TYPE 2 MAILBOX SUPPORTS.

Mailbox Placement

Pierce County
Planning & Public Works
Office of the County Engineer

01/21/2021 DATE

MAILBOX PLACEMENT

STANDARD DRAWING PC.H3
NOTES:

1) GUARDRAIL REFLECTOR STRIPS SHALL NOT BE INSTALLED OVER POST BOLTS OR RAILING SLOTS.
NOTE:

1) GUARDRAIL REFLECTOR TABS SHALL NOT BE PLACED WITHIN 12 FT OF THE IMPACT HEAD ON EACH TERMINAL.

2) A MINIMUM OF 3 GUARDRAIL REFLECTOR TABS (SPACED EVENLY) SHALL BE INSTALLED ON ANY CONTINUOUS GUARDRAIL SECTION REGARDLESS OF OVERALL LENGTH.