## Summary of Standard Drawing Changes

**January 2021**

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AT NON-ARTERIAL INTERSECTIONS ONLY:

24 IN. OR GREATER

AT OR ALONG ARTERIALS:

36 IN.

SEE STANDARD DRAWING PC.G1.5 FOR STREET NAME SIGN NOTES AND DETAILS

(POT TO SCALE)
16-INCH SIGN HEIGHT

8-INCH NUMBERS AND LETTERS, 6-INCH ROADWAY DESIGNATION AND AREA ABBREVIATIONS

NOTES:

1) 16 IN. SIGN HEIGHT WITH 8 IN. LETTER/NUMBER, WITH 6 IN. ROADWAY DESIGNATION AND AREA ABBREVIATIONS.

2) PIERCE COUNTY LOGO FONT SHALL BE "TIMES NEW ROMAN".

3) STREET NAME FONT SHALL BE UNITED STATES FEDERAL HIGHWAY ADMINISTRATION "HIGHWAY GOTHIC".

4) FOR INTERSECTIONS WHERE A ROADWAY CHANGES NAMES, CONTACT PIERCE COUNTY TRAFFIC ENGINEERING FOR SIGN DETAILS.

5) ALL OVERHEAD STREET NAME SIGNS FOR NUMBERED STREETS AND NAMED STREETS WITH SIX OR FEWER LETTERS IN THE NAME SHALL CONTAIN THE PIERCE COUNTY LOGO. ALL NAMED STREETS WITH GREATER THAN SIX LETTERS IN THE NAME SHALL HAVE NO LOGO ON THE OVERHEAD SIGN.

6) FOR MAST ARM SIGNAL LOCATIONS - SIGNS ARE SINGLE SIDED. MOUNT SIGNS IN ACCORDANCE WITH CURRENT WSDOT STANDARD PLAN G-30.10-XX.

7) FOR SPANWIRE SIGNAL LOCATIONS - SIGNS ARE DOUBLE SIDED.

8) SIGN LENGTH AS REQUIRED FOR LETTER SPACING.

* SIGN LENGTH AS REQUIRED FOR LETTER SPACING.

** 8 IN. DESIRED WITH 5.25 IN. MINIMUM UNLESS OTHERWISE APPROVED BY PIERCE COUNTY.

SEE STANDARD DRAWING PC.G1.5 FOR STREET NAME SIGN NOTES AND DETAILS

NOT TO SCALE
24-INCH SIGN HEIGHT
12-INCH NUMBERS CASE LETTERS, 9-INCH ROADWAY DESIGNATION AND AREA ABBREVIATIONS

NOTES:

1) 24 IN. SIGN HEIGHT WITH 12 IN. LETTER/NUMBER SHALL BE USED AT INTERSECTIONS WHERE ANY LEG IS FOUR LANES OR MORE AND WHERE THE POSTED SPEED LIMIT IS 40 MPH OR GREATER. USE 9 IN. LETTERS FOR ROADWAY DESIGNATION AND AREA ABBREVIATIONS.

2) PIERCE COUNTY LOGO FONT SHALL BE "TIMES NEW ROMAN".

3) STREET NAME FONT SHALL BE UNITED STATES FEDERAL HIGHWAY ADMINISTRATION "HIGHWAY GOTHIC".

4) FOR INTERSECTIONS WHERE A ROADWAY CHANGES NAMES, CONTACT PIERCE COUNTY TRAFFIC ENGINEERING FOR SIGN DETAILS.

5) ALL OVERHEAD STREET NAME SIGNS FOR NUMBERED STREETS AND NAMED STREETS WITH SIX OR FEWER LETTERS IN THE NAME SHALL CONTAIN THE PIERCE COUNTY LOGO. ALL NAMED STREETS WITH GREATER THAN SIX LETTERS IN THE NAME SHALL HAVE NO LOGO ON THE OVERHEAD SIGN.

6) FOR MAST ARM SIGNAL LOCATIONS - SIGNS ARE SINGLE SIDED. MOUNT SIGNS IN ACCORDANCE WITH CURRENT WSDOT STANDARD PLAN G-30.10-XX.

PIERCE COUNTY LOGO BLUE BACKGROUND W/ WHITE MNTS; LOGO SIZE IS 12 IN. (CIRCLE AND TEXT) (SEE NOTE 5)

OVERHEAD MOUNT D3-301(mod) SIGN DETAIL

SEE STANDARD DRAWING PC.G1.5 FOR STREET NAME SIGN NOTES AND DETAILS

(NOT TO SCALE)

176 St E

Portland Ave E

Canyon Rd E
AT NON-ARTERIAL INTERSECTIONS ONLY:

PRIVATE ROAD
34 Ave E

AT OR ALONG ARTERIALS:

PRIVATE ROAD
Main St E

SEE STANDARD DRAWING PC.G1.5 FOR STREET NAME SIGN NOTES AND DETAILS

(NOT TO SCALE)
NOTES:

LETTERING REQUIREMENTS

1) STANDARD LETTER SERIES “C” FOR POST-MOUNTED SIGNS. SERIES “B” MAY BE USED WHEN STANDARD SIGN BLANK SIZE IS EXCEEDED.

2) DO NOT USE ORDINATE SUFFIXES (1ST, 2ND, 3RD, etc.) WITH NUMBERED STREET NAMES (i.e., 110 AVE E, NOT 110TH AVE E).

3) USE STANDARD ROADWAY DESIGNATION AND AREA ABBREVIATIONS AS LISTED ON THIS SHEET. THE ROADWAY DESIGNATION AND AREA LETTER HEIGHT SHALL BE REDUCED BY 25%. FOR PUBLIC ROAD SIGNS, THIS SHALL BE TOP JUSTIFIED. FOR PRIVATE ROAD SIGNS, IT SHALL BE BOTTOM JUSTIFIED.

SIGN MATERIAL REQUIREMENTS

1) FOR OVERHEAD SIGNS, THE SHEET ALUMINUM SIGN SHALL BE CONSTRUCTED OF ALLOY 6061-T6, 5052-H36 OR 5052-H38, WITH A THICKNESS OF 0.125 IN.

2) FOR POST-MOUNTED SIGNS, THE SHEET ALUMINUM SIGN SHALL BE CONSTRUCTED OF ALLOY 6061-T6, 5052-H36 OR 5052-H38, WITH A THICKNESS OF 0.080 IN OR 14 GAUGE.

3) SIGN FACE MATERIAL FOR POST-MOUNTED STREET NAME SIGNS SHALL BE TYPE IV WHITE SHEETING OVERLAID WITH GREEN ELECTRO CUT FILM WITH THE STREET NAME CUT OUT. FOR OVERHEAD-MOUNTED STREET NAME SIGNS, THE MATERIAL SHALL BE TYP IX SHEETING.

SIGN POST REQUIREMENTS

1) WOOD SIGN POSTS SHALL BEUNTREATED WESTERN RED CEDAR, 4 IN. X 4 IN. NOMINAL DIMENSION.

2) GALVANIZED SIGN POSTS SHALL MEET REQUIREMENTS SPECIFIED IN PC.G2.2 AND SHALL ONLY BE USED WHEN CALLED FOR IN THE PLANS.

HARDWARE - PUBLIC ROAD SIGNS

1) SIGN BRACKET SHALL BE DIE CAST HIGH STRENGTH ALUMINUM ALLOY DESIGNED FOR MOUNTING ON TOP OF THE 4 IN. X 4 IN. WOODEN POST. SLOTS FOR SIGNS SHALL HAVE A NOMINAL 6 IN. LENGTH (3 IN. FOR 8 IN. TALL SIGNS) WITH TWO 5/16 IN. ZINC PLATED STANDARD ALLEN WRENCH SET SCREWS.

2) ALL OTHER HARDWARE AND FASTENERS SHALL BE GALVANIZED STEEL.

HARDWARE - PRIVATE ROAD SIGNS

1) USE 3/8 IN. X 2 IN. GALVANIZED LAG BOLT WITH NYLON WASHER FOR CENTER MOUNTING HOLE. SUPPLEMENT LAG BOLT WITH FOUR 2.5 IN. 8 D GALVANIZED NAILS IN THE OUTER HOLES.

ROADWAY DESIGNATION ABBREVIATIONS:

Ave - AVENUE
St - STREET
Ct - COURT
Blvd - BOULEVARD
Cir - CIRCLE
Dr - DRIVE
Ext - EXTENSION
Hwy - HIGHWAY
Pkwy - PARKWAY
Pl - PLACE
Ln - LANE
Rd - ROAD
Way - WAY

AREA ABBREVIATIONS:

E - EAST
NE - NORTHEAST
NW - NORTHWEST
S - SOUTH
SW - SOUTHWEST
W - WEST
STOP SIGN (R1-1)

NOTES:
1) SIGN SIZE: A STOP SIGN THAT FACES A MULTI-LANE APPROACH SHALL BE 36 IN. X 36 IN. IF THE SIDE ROAD INTERSECTS A MULTI-LANE ROAD WITH A SPEED LIMIT OF 45 MPH, THE STOP SIGN SHALL BE 36 IN. X 36 IN. ALL OTHER STOP SIGNS SHALL BE 30 IN. X 30 IN., UNLESS OTHERWISE DIRECTED BY THE COUNTY ENGINEER.

2) SIGN FACE MATERIAL SHALL BE TYPE IV SHEETING. SIGN POST SHALL BE 4 IN. X 4 IN. UNTREATED WESTERN RED CEDAR OR 2 IN. GALVANIZED METAL, AS DIRECTED BY THE COUNTY ENGINEER.

3) THE STOP SIGN SHALL BE CONTINUOUSLY VISIBLE FROM A DISTANCE OF AT LEAST 240 FT. BACK ON THE APPROACHING ROADWAY, WHEN THE LEGAL SPEED LIMIT IS 25 MPH.

4) ALL CLEARING WITHIN PIERCE COUNTY RIGHT OF WAY TO MAKE THE SIGN VISIBLE IS THE RESPONSIBILITY OF THE APPLICANT OR CONTRACTOR. APPROVED ROAD CONSTRUCTION PLANS OR A PERMIT FROM PIERCE COUNTY IS NECESSARY BEFORE WORK COMMENCES.

5) VARIATION FROM THIS LOCATION BY WRITTEN APPROVAL OF THE COUNTY ENGINEER.

6) MOUNT WITH TWO 3/8 IN. X 3 IN. GALVANIZED LAG SCREWS AGAINST 1 IN. DIA. GALVANIZED FLAT WASHER AGAINST 1 IN. DIA. NYLON WASHER.

7) LEGEND, BACKGROUND, AND BORDER SHALL MEET WSDOT SIGN FABRICATION MANUAL.

STOP SIGN INSTALLATION DETAIL

APPROVED BY:
COUNTY ENGINEER

DATE
01/21/2021

STANDARD DRAWING PC.G2.1
NOTES:

1) MOUNTING HEIGHT IS 7 TO 7.5 FEET FROM SHOULDER OR SIDEWALK SURFACE.

2) MOUNTING HEIGHT MAY BE REDUCED 1-FOOT WHEN SUPPLEMENTARY PLAQUE IS USED, SEE MUTCD.

3) MOUNTING HEIGHT FOR ARROW BOARDS AND CHEVRONS IS 5 TO 5.5 FEET.

4) MOUNTING HEIGHT FOR D10-1, W12-401, AND W16-101 IS 4 TO 4.5 FEET (W16-101 SHALL HAVE A MOUNTING HEIGHT OF 6 FEET WHEN USED WITH TYPE III BARRICADES.

5) MOUNTING HARDWARE SHALL BE IN ACCORDANCE WITH STANDARD DRAWING PC.G2.1. FOR STEEL POST INSTALLATIONS, USE AN ALUMINUM DRIVE RIVET TO INSTALL THE SIGN TO THE POST INSTEAD OF A LAG BOLT.

6) VERIFY AND STAKE LOCATIONS OF TRAFFIC SIGNS FOR ENGINEER APPROVAL AND ADJUSTMENT PRIOR TO INSTALLATION.

7) INSTALL GALVANIZED SIGN POST ONLY WHEN CALLED FOR IN THE PLANS.

SIGN MOUNTING HEIGHT AND WOOD SIGN POST DETAIL

GALVANIZED SIGN POST DETAIL

(SIGN INSTALLATION DETAIL)

STANDARD DRAWING PC.G2.2

Pierce County
Planning & Public Works
Office of the County Engineer

NOT TO SCALE

APPROVED BY:
COUNTY ENGINEER

01/21/2021
DATE