

# DRAWING SHEET INDEX

## GENERAL

### DRAWING INDEX, KEY MAP AND NOTES

- G 0.01 SHEET INDEX
- G 0.02 KEY MAP
- G 0.03 PLAN SET NOTES

### TYPICAL ROADWAY SECTIONS

- TS 1.01 TYPICAL ROADWAY SECTIONS - 3 LANE
- TS 1.02 TYPICAL ROADWAY SECTIONS - 5 LANE

## ALIGNMENT ALTERNATIVE AT2

### PLAN VIEW

- PL 1.01 STA 0+00 TO STA 14+00
- PL 1.02 STA 14+00 TO STA 28+00
- PL 1.03 STA 28+00 TO STA 42+00
- PL 1.04 STA 42+00 TO STA 56+00
- PL 1.05 STA 56+00 TO STA 70+00
- PL 1.06 STA 70+00 TO STA 84+00
- PL 1.07 STA 84+00 TO STA 98+00
- PL 1.08 STA 98+00 TO STA 112+00
- PL 1.09 STA 112+00 TO STA 124+00
- PL 1.10 STA 114+00 TO STA 138+00
- PL 1.11 STA 138+00 TO STA 152+00
- PL 1.12 STA 152+00 TO STA 166+00

### PROFILE VIEW

- PR 1.01 STA 0+00 TO STA 14+00
- PR 1.02 STA 14+00 TO STA 28+00
- PR 1.03 STA 28+00 TO STA 42+00
- PR 1.04 STA 42+00 TO STA 56+00
- PR 1.05 STA 56+00 TO STA 70+00
- PR 1.06 STA 70+00 TO STA 84+00
- PR 1.07 STA 84+00 TO STA 98+00
- PR 1.08 STA 98+00 TO STA 112+00
- PR 1.09 STA 112+00 TO STA 124+00
- PR 1.10 STA 114+00 TO STA 138+00
- PR 1.11 STA 138+00 TO STA 152+00
- PR 1.12 STA 152+00 TO STA 166+00

### UTILITY PLANS

- UT 1.01 STA 0+00 TO STA 14+00
- UT 1.02 STA 14+00 TO STA 28+00
- UT 1.03 STA 28+00 TO STA 42+00
- UT 1.04 STA 42+00 TO STA 56+00
- UT 1.05 STA 56+00 TO STA 70+00
- UT 1.06 STA 70+00 TO STA 84+00
- UT 1.07 STA 84+00 TO STA 98+00
- UT 1.08 STA 98+00 TO STA 112+00
- UT 1.09 STA 112+00 TO STA 124+00
- UT 1.10 STA 114+00 TO STA 138+00
- UT 1.11 STA 138+00 TO STA 152+00
- UT 1.12 STA 152+00 TO STA 166+00

## SE 172nd AVENUE

### PLAN VIEW

- PL 2.01 STA 0+00 TO STA 14+00
- PL 2.02 STA 14+00 TO STA 28+00
- PL 2.03 STA 28+00 TO STA 35+00

### PROFILE VIEW

- PR 2.01 STA 0+00 TO STA 14+00
- PR 2.02 STA 14+00 TO STA 28+00
- PR 2.03 STA 28+00 TO STA 35+00

### UTILITY PLANS

- UT 2.01 STA 0+00 TO STA 14+00
- UT 2.02 STA 14+00 TO STA 28+00
- UT 2.03 STA 28+00 TO STA 35+00

## SE FOSTER ROAD

### PLAN VIEW

- PL 3.01 STA 0+00 TO STA 14+00
- PL 3.02 STA 14+00 TO STA 28+00
- PL 3.03 STA 28+00 TO STA 42+00
- PL 3.04 STA 42+00 TO STA 56+00
- PL 3.05 STA 56+00 TO STA 70+00
- PL 3.06 STA 70+00 TO STA 84+00
- PL 3.07 STA 84+00 TO STA 98+30

### PROFILE VIEW

- PR 3.01 STA 0+00 TO STA 14+00
- PR 3.02 STA 14+00 TO STA 28+00
- PR 3.03 STA 28+00 TO STA 42+00
- PR 3.04 STA 42+00 TO STA 56+00
- PR 3.05 STA 56+00 TO STA 70+00
- PR 3.06 STA 70+00 TO STA 84+00
- PR 3.07 STA 84+00 TO STA 98+30

### UTILITY PLANS

- UT 3.01 STA 0+00 TO STA 14+00
- UT 3.02 STA 14+00 TO STA 28+00
- UT 3.03 STA 28+00 TO STA 42+00
- UT 3.04 STA 42+00 TO STA 56+00
- UT 3.05 STA 56+00 TO STA 70+00
- UT 3.06 STA 70+00 TO STA 84+00
- UT 3.07 STA 84+00 TO STA 98+30

## SE CHELDELIN ROAD

### PLAN VIEW

- PL 4.01 STA 0+00 TO STA 14+00
- PL 4.02 STA 14+00 TO STA 28+00
- PL 4.03 STA 28+00 TO STA 42+00
- PL 4.04 STA 42+00 TO STA 54+00

### PROFILE VIEW

- PR 4.01 STA 0+00 TO STA 14+00
- PR 4.02 STA 14+00 TO STA 28+00
- PR 4.03 STA 28+00 TO STA 42+00
- PR 4.04 STA 42+00 TO STA 54+00

### UTILITY PLANS

- UT 4.01 STA 0+00 TO STA 14+00
- UT 4.02 STA 14+00 TO STA 28+00
- UT 4.03 STA 28+00 TO STA 42+00
- UT 4.04 STA 42+00 TO STA 54+00

## SE TILLSTROM ROAD

### PLAN VIEW

- PL 5.01 STA 0+00 TO STA 14+00
- PL 5.02 STA 14+00 TO STA 28+00
- PL 5.03 STA 28+00 TO STA 33+15

### PROFILE VIEW

- PR 5.01 STA 0+00 TO STA 14+00
- PR 5.02 STA 14+00 TO STA 28+00
- PR 5.03 STA 28+00 TO STA 33+15

### UTILITY PLANS

- UT 5.01 STA 0+00 TO STA 14+00
- UT 5.02 STA 14+00 TO STA 28+00
- UT 5.03 STA 28+00 TO STA 33+15

## SE HEMRICK ROAD

### PLAN VIEW

- PL 6.01 STA 0+00 TO STA 14+00
- PL 6.02 STA 14+00 TO STA 28+00
- PL 6.03 STA 28+00 TO STA 32+76

### PROFILE VIEW

- PR 6.01 STA 0+00 TO STA 14+00
- PR 6.02 STA 14+00 TO STA 28+00
- PR 6.03 STA 28+00 TO STA 32+76

### UTILITY PLANS

- UT 6.01 STA 0+00 TO STA 14+00
- UT 6.02 STA 14+00 TO STA 28+00
- UT 6.03 STA 28+00 TO STA 32+76

## BRIDGE 1

### PLAN AND ELEVATION

- ST 1.01 ROCK CREEK, SE 172ND AVE

## BRIDGE 2

### PLAN AND ELEVATION

- ST 2.01 ROCK CREEK, SE TROGE RD

## CULVERT 1

### PLAN AND ELEVATION

- ST 3.01 ROCK CREEK HEMRICK ROAD TRIBUTARY,  
SE FOSTER RD

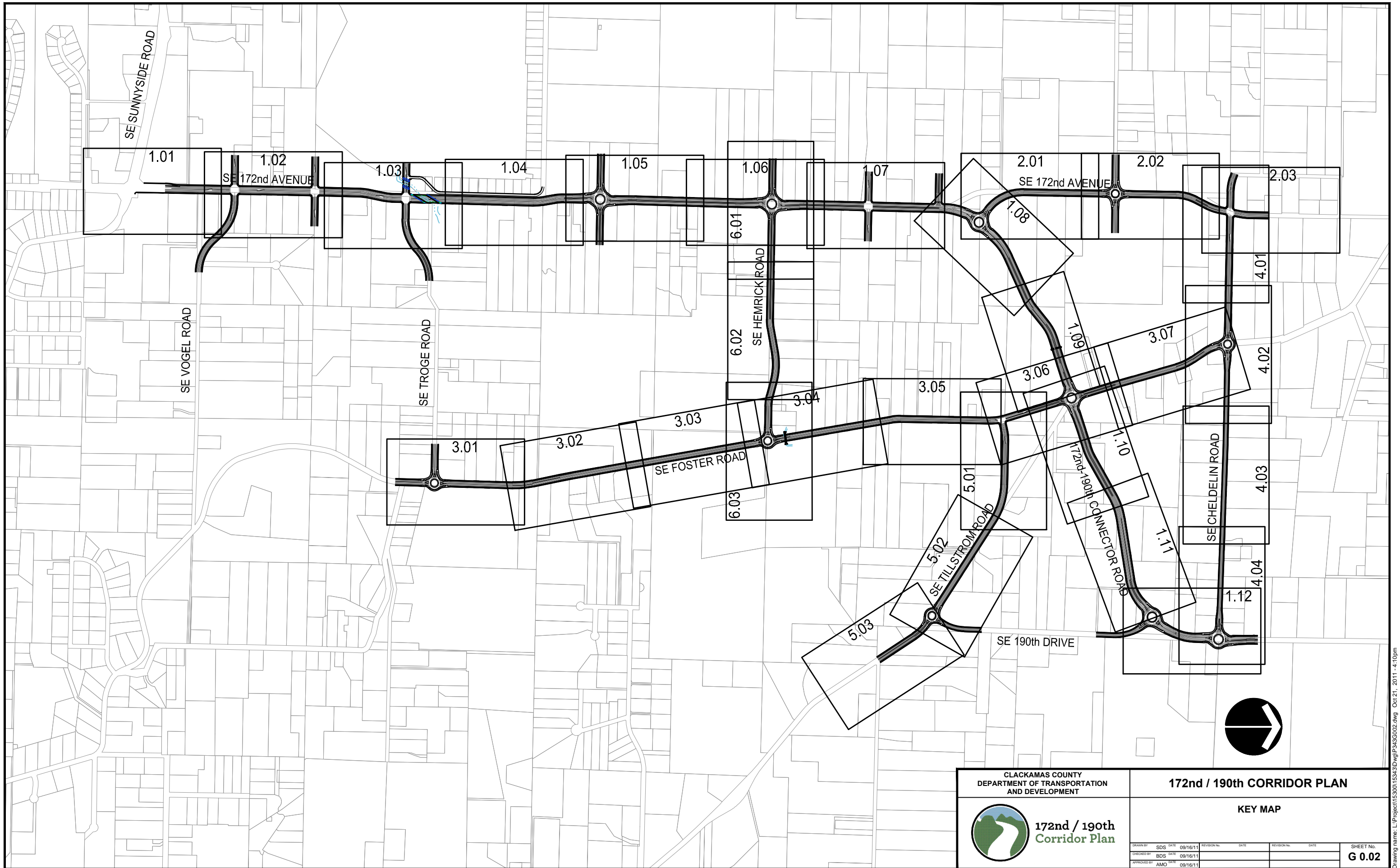
## CULVERT 2

### PLAN AND ELEVATION

- ST 4.01 TRIBUTARY TO ROCK CREEK,  
ALIGNMENT ALTERNATIVE AT2

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	<b>172nd / 190th CORRIDOR PLAN</b>
<b>172nd / 190th Corridor Plan</b>	<b>SHEET INDEX</b>
DRAWN BY: SDS DATE: 09/16/11 CHECKED BY: BDS DATE: 09/16/11 APPROVED BY: AMO DATE: 09/16/11	REVISION No. DATE SHEET No. <b>G 0.01</b>

Drawing Name: L:\Project\1530015343Dwg\PS43G001.dwg Oct 21, 2011 - 4:10pm




CLACKAMAS COUNTY  
DEPARTMENT OF TRANSPORTATION  
AND DEVELOPMENT

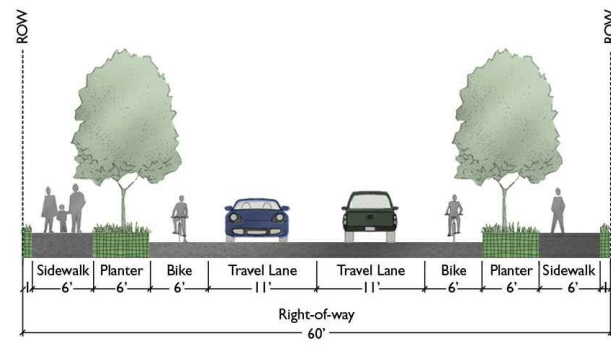
**172nd / 190th  
Corridor Plan**

<b>172nd / 190th CORRIDOR PLAN</b>			
<b>KEY MAP</b>			
DRAWN BY	SDS	DATE	09/16/11
CHECKED BY	BDS	DATE	09/16/11
APPROVED BY	AMO	DATE	09/16/11
SHEET No.			<b>G 0.02</b>

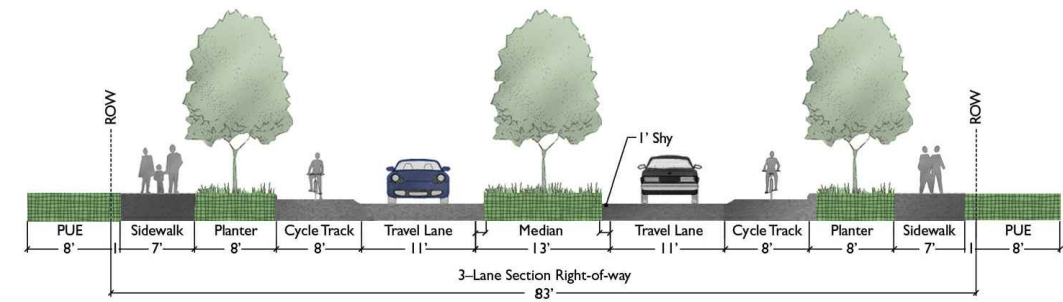
**NOTES:**

1. THESE DRAWINGS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT REFLECT ALL CONSTRUCTION ACTIVITIES.
2. THESE DRAWINGS PERTAIN TO THE LIMITS OF THE ROADWAYS WITHIN THE PROJECT STUDY AREA. IMPROVEMENTS TO ROADWAYS AND POTENTIAL IMPACTS TO PROPERTIES BEYOND THE LIMITS OF THE PROJECT STUDY AREA ARE NOT SHOWN.
3. NO TOPOGRAPHIC BASE MAPPING WAS PERFORMED TO SUPPORT THE DESIGN DEPICTED ON THESE DRAWINGS.
4. TAX LOT LINES SHOWN WERE OBTAINED FROM METRO'S RLIS DATABASE, 2010 VERSION.
5. BACKGROUND AERIAL PHOTOGRAPHY SHOWN WAS OBTAINED FROM CLACKAMAS COUNTY.
6. CONTOUR AND EXISTING SURFACE ELEVATION DATA WERE OBTAINED FROM LIDAR DATA.
7. EXISTING TRAFFIC SIGNALS SHOWN ON DRAWINGS MAY REQUIRE TIMING AND EQUIPMENT MODIFICATIONS.
8. ROADWAY IMPROVEMENTS SHOWN REFLECT THE 5-LANE SECTION WITH MEDIAN AND THE 3-LANE SECTION WITH MEDIAN. OTHER TYPICAL ROADWAY SECTIONS MAY BE APPLIED TO ACCOMMODATE DESIGNS WITHIN VARIOUS ZONING DESIGNATIONS.
9. FUTURE PEDESTRIAN FACILITIES MAY INCLUDE CONCRETE SIDEWALK, PLANTER STRIPS, TREEWELLS, SWALES, RAIN GARDENS, OR OTHER SIMILAR AMENITIES. NO ATTEMPT HAS BEEN MADE TO DISTINGUISH THE EXACT LOCATION OR EXTENT OF THESE SPECIFIC AMENITIES.
10. PROPOSED LANE STRIPING IS SHOWN TO AID IN IDENTIFYING THE TRAVEL CONFIGURATION. NOT ALL POTENTIAL TURN LANES ARE SHOWN.
11. LANE WIDTHS SHOWN ON PROPOSED CROSS SECTIONS REPRESENT THE FUTURE DESIRED LANE DIMENSIONS. FINAL ENGINEERING DESIGN WILL TAKE INTO ACCOUNT THE INTENTIONS OF THIS PLAN SET.
12. PROPOSED STORM WATER FACILITIES AND PIPE NETWORKS ARE SCHEMATIC IN NATURE AND ARE SHOWN TO ILLUSTRATE POTENTIAL FUTURE STORM WATER TREATMENT NEEDS. THE SIZE AND LOCATIONS OF THESE FACILITIES ARE BASED ON PRELIMINARY STORM WATER ANALYSIS AND ARE SHOWN TO REPRESENT THE POTENTIAL STORM TREATMENT AND STORAGE NEEDS OF THE CORRIDOR. EXACT FUTURE SIZES AND LOCATIONS MAY VARY UPON ADDITIONAL ENGINEERING DESIGN.
13. STORM FACILITIES ARE SIZED TO TREAT ROADWAY AREAS ONLY. POTENTIAL RUNOFF FROM ADJACENT PROPERTIES IS NOT INCLUDED IN SIZING CALCULATIONS.
14. PROPOSED CUT AND FILL LINES SHOWN ON PLANS REPRESENT GRADING OF 5:1 WITHIN THE 8' WIDE PUE, AND 2:1 BEYOND THE PUE TO EXISTING GROUND. PROPOSED RETAINING WALLS ARE SHOWN IN AREAS WHERE LIMITING THE IMPACTS OF ROADWAY GRADING ARE MOST ADVANTAGEOUS, SPECIFICALLY IN AREAS WHERE PRELIMINARY DESIGN INDICATES A CUT OR FILL DEPTH OF 5' OR GREATER, TO MINIMIZE THE IMPACTS OF SLOPE GRADING AND EASEMENTS. UNDER THIS GRADING SCHEME, PRELIMINARY DESIGN INDICATES SLOPE EASEMENTS OF UP TO 10' WIDE MAY BE REQUIRED IN SOME LOCATIONS.
15. FIELD OBSERVED WETLANDS SHOWN ON PLANS WERE OBTAINED FROM MASON, BRUCE & GIRARD, INC. FIELD RECONNAISSANCE (MAY 2011), AND HAVE NOT BEEN OFFICIALLY DELINEATED.
16. BRIDGES AND CULVERTS SHOWN ARE SCHEMATIC IN NATURE AND ILLUSTRATE ONE POTENTIAL ALTERNATIVE. ADDITIONAL HYDRAULIC, GEOTECHNICAL AND CIVIL ENGINEERING INVESTIGATION ARE REQUIRED.

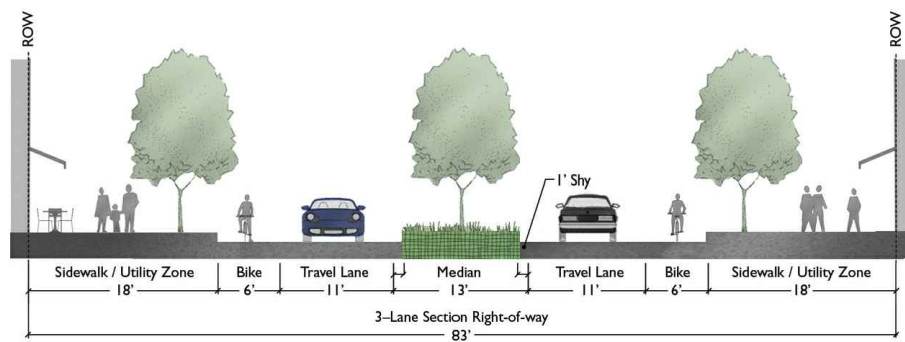
CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT		<b>172nd / 190th CORRIDOR PLAN</b>																							
 <b>172nd / 190th Corridor Plan</b>		<b>PLAN SET NOTES</b>																							
		<table border="1"> <tr> <td>DRAWN BY</td> <td>SDS</td> <td>DATE</td> <td>09/16/11</td> <td>REVISION No.</td> <td>DATE</td> <td>REVISION No.</td> <td>DATE</td> </tr> <tr> <td>CHECKED BY</td> <td>BDS</td> <td>DATE</td> <td>09/16/11</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>AMO</td> <td>DATE</td> <td>09/16/11</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	DRAWN BY	SDS	DATE	09/16/11	REVISION No.	DATE	REVISION No.	DATE	CHECKED BY	BDS	DATE	09/16/11					APPROVED BY	AMO	DATE	09/16/11			
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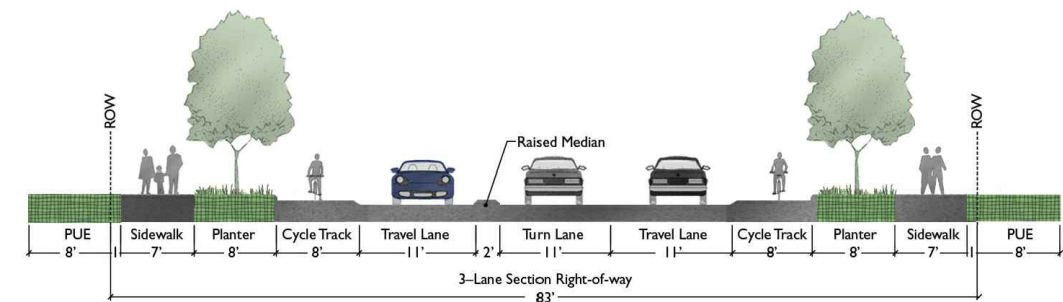
2-Lane Section



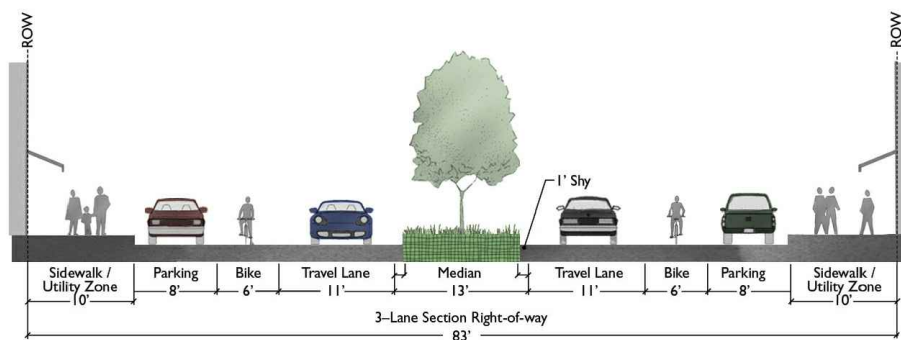
3-Lane Section with Median




3-Lane Section in Urban Center

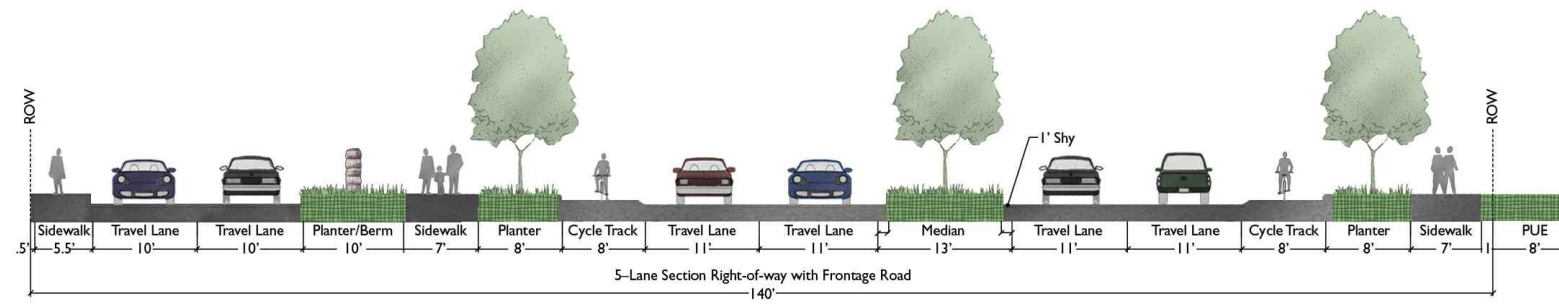


3-Lane Section with Left Turn Lane

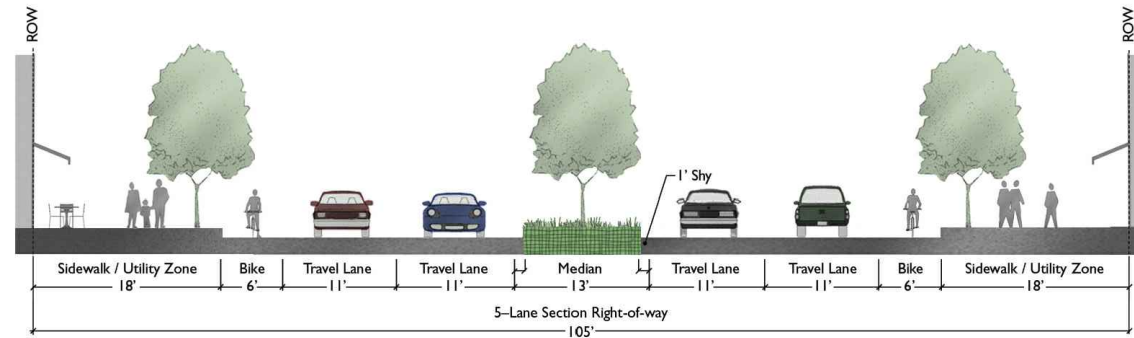


3-Lane Section with On-street Parking in Urban Center

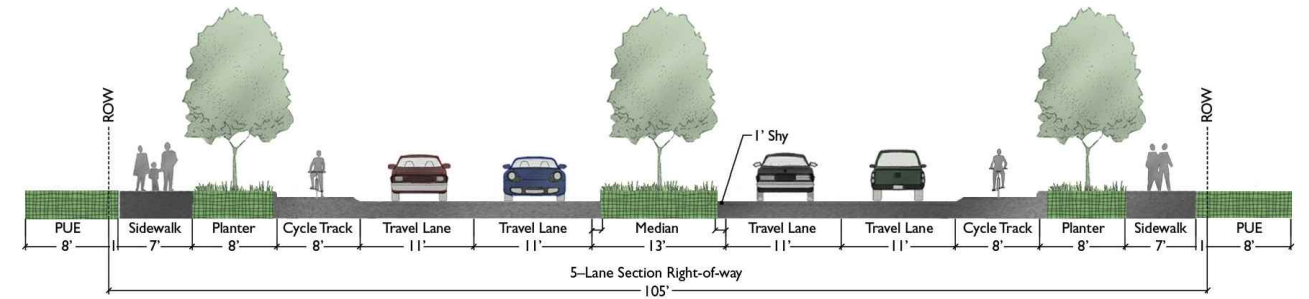
CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT		<b>172nd / 190th CORRIDOR PLAN</b>	
 <b>172nd / 190th Corridor Plan</b>		<b>TYPICAL ROADWAY SECTIONS</b> 3 LANE	
DRAWN BY: SDS CHECKED BY: BDS APPROVED BY: AMO	DATE: 09/16/11 DATE: 09/16/11 DATE: 09/16/11	REVISION No.: DATE: REVISION No.: DATE:	SHEET No.: <b>TS 1.01</b>



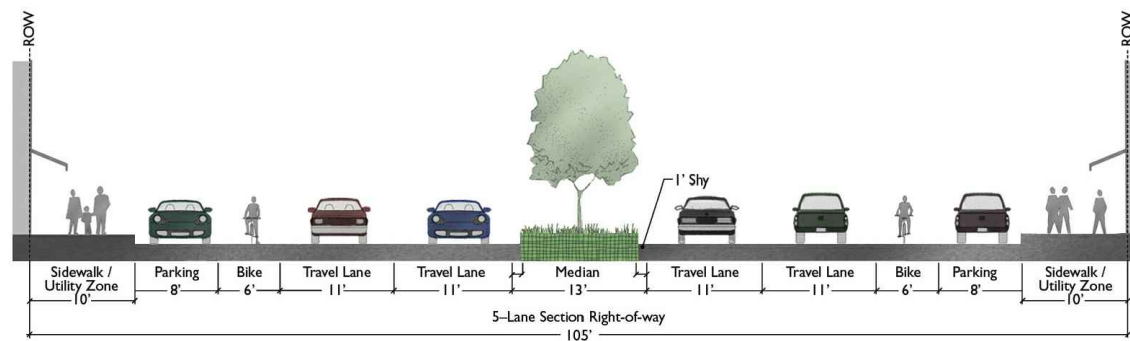
5-Lane Section with Median and Frontage Road



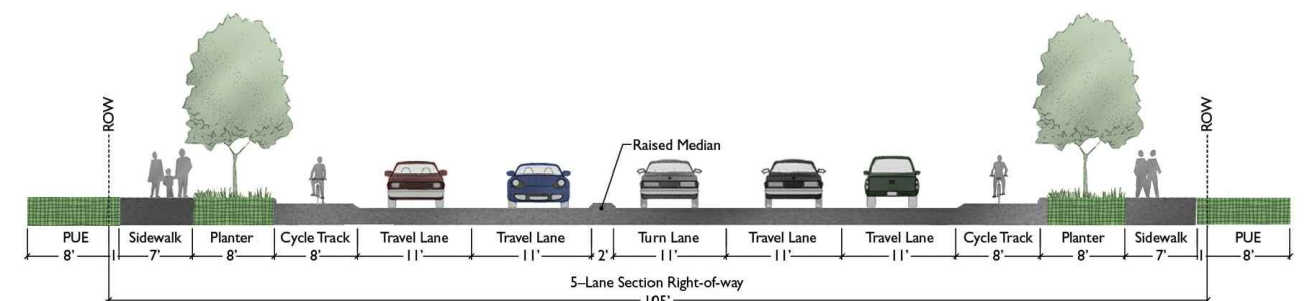
5-Lane Section in Urban Center




5-Lane Section with Median



5-Lane Section with On-street Parking in Urban Center



5-Lane Section with Left Turn Lane

 <b>172nd / 190th Corridor Plan</b>	<b>CLACKAMAS COUNTY</b> DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT		<b>172nd / 190th CORRIDOR PLAN</b>	
			<b>TYPICAL ROADWAY SECTIONS</b> 5 LANE	
DRAWN BY: SDS CHECKED BY: BDS APPROVED BY: AMO	DATE: 09/16/11 DATE: 09/16/11 DATE: 09/16/11	REVISION NO.: DATE:	REVISION NO.: DATE:	SHEET NO.: <b>TS 1.02</b>