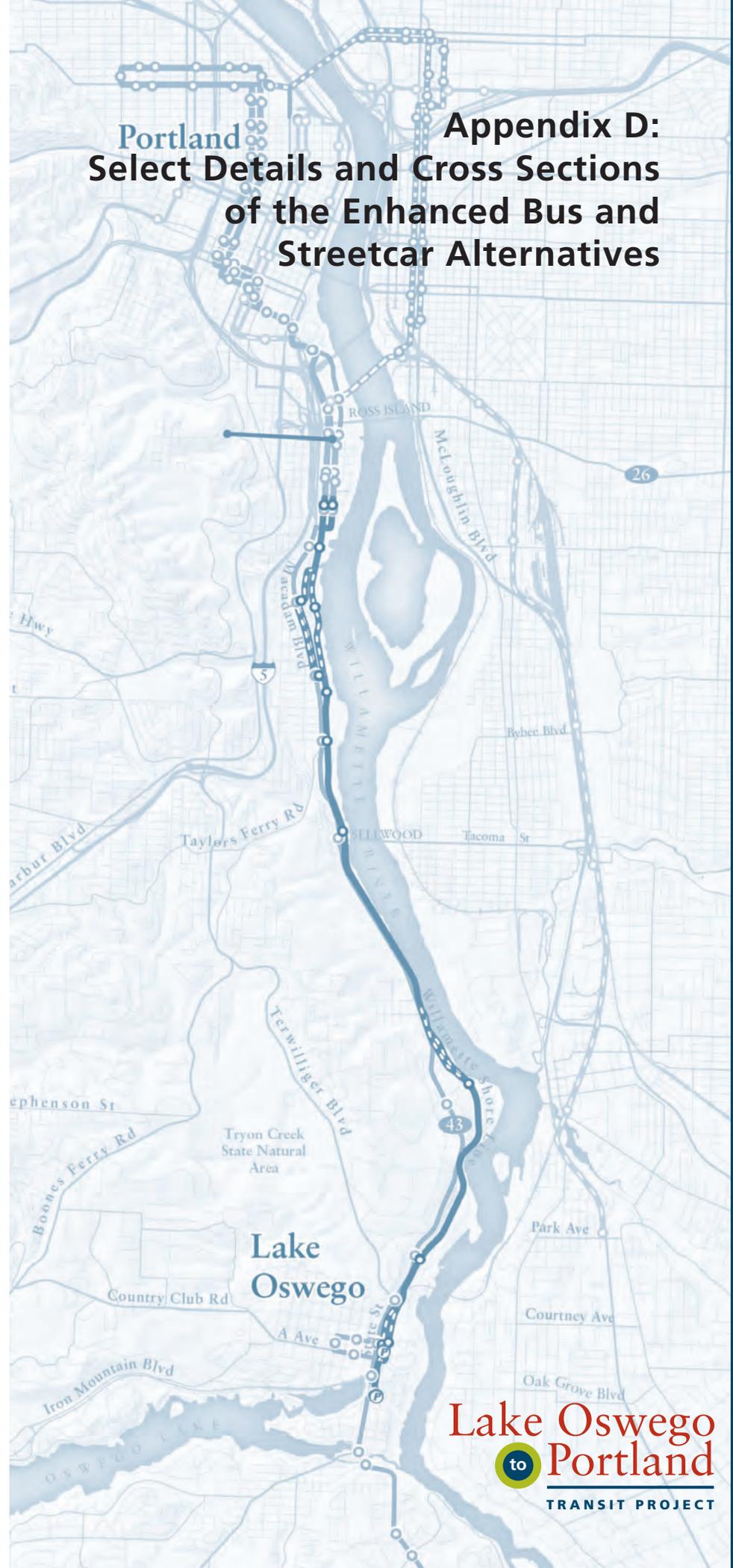


Portland  
**Appendix D:  
Select Details and Cross Sections  
of the Enhanced Bus and  
Streetcar Alternatives**



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**APPENDIX D**

**SELECT DETAILS AND CROSS SECTIONS OF THE  
ENHANCED BUS AND STREETCAR ALTERNATIVES**

**Enhanced Bus Alternative:**

D-1. Park-and-Ride at Southern Terminus

**Streetcar Alternative:**

D-2. Moody/Bond Couplet

D-3. Macadam In-Street and Macadam Additional Lane Design Options  
Transition from Willamette Shore Line to SW Landing Drive

D-4. Macadam In-Street and Macadam Additional Lane Design Options  
Typical Cross-Sections on SW Landing Drive

D-5. Macadam In-Street Design Option  
Transition from Landing Drive to Macadam at Boundary

D-6. Macadam Additional Lane Design Option  
Transition from Landing Drive to Macadam at Boundary

D-7. Willamette Shore Line Design Option at SW Boundary Street

D-8. Typical Cross-Sections near SW Pendleton Street

D-9. Macadam In-Street Design Option  
Transition from Macadam to Willamette Shore Line at Carolina

D-10. Macadam Additional Lane Design Option  
Transition from Macadam to Willamette Shore Line at Carolina

D-11. New Interchange Design Option at Sellwood Bridge

D-12. Willamette Shore Line Design Option at Sellwood Bridge

D-13. Riverwood In-Street Design Option at Riverwood Road

D-14. Willamette Shore Line Design Option at Riverwood Road

D-15. Riverwood In-Street Design Option and Willamette Shore Line Design Option  
Typical Cross-Sections

D-16. UPRR Design Option

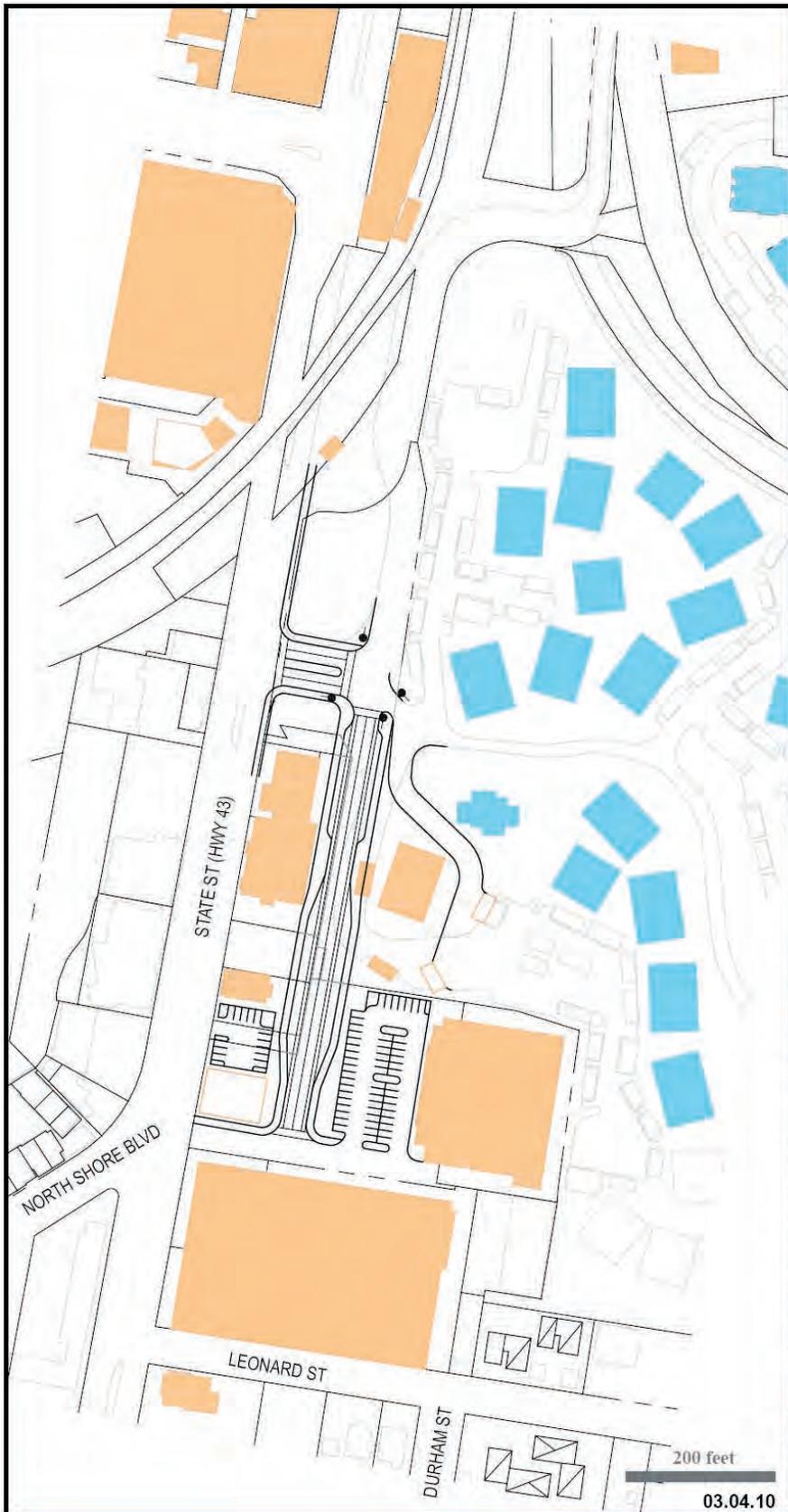
D-17. Foothills Design Option

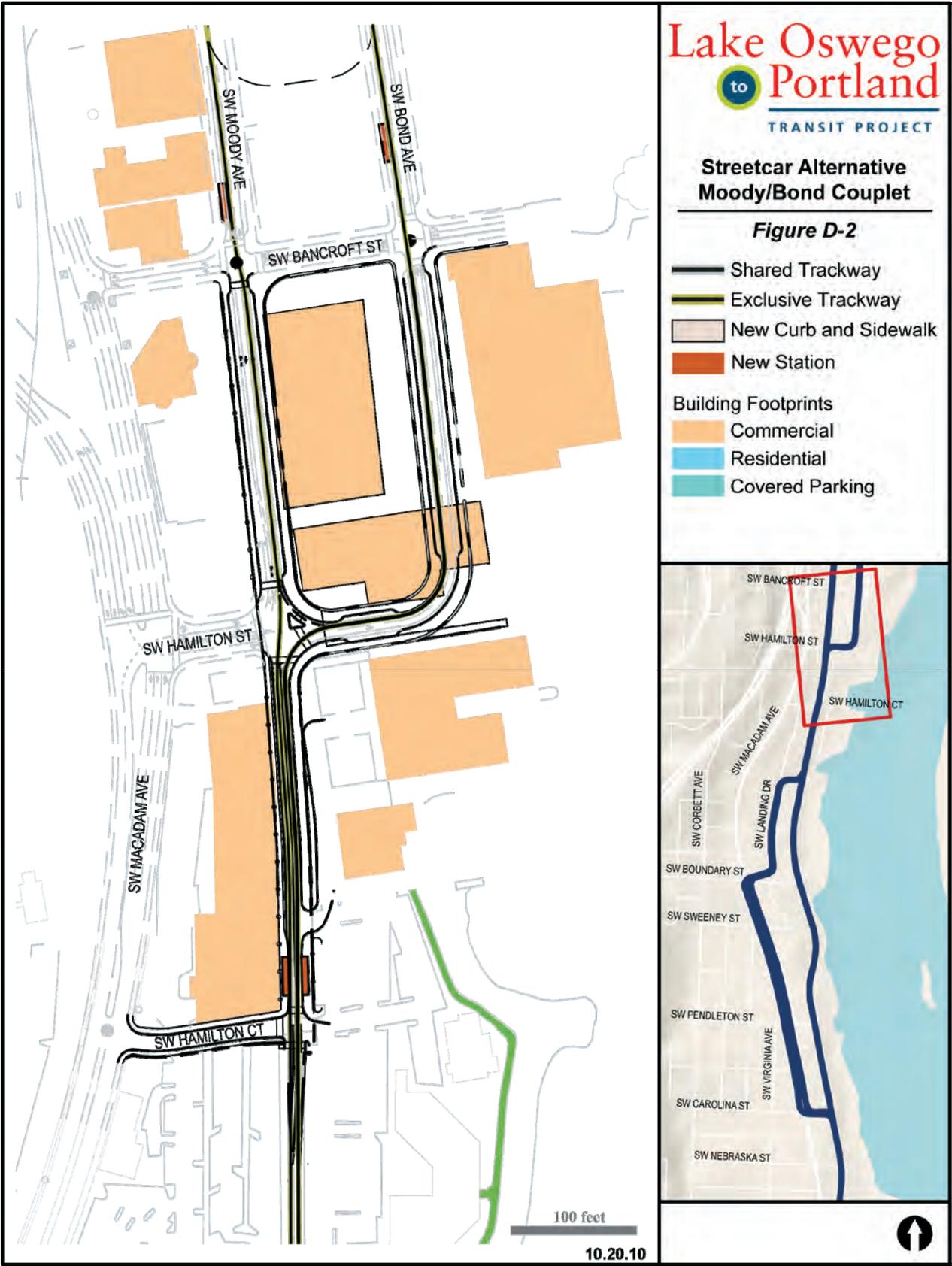
D-18. Park-and-Ride at Southern Terminus

**Enhanced Bus Alternative  
 Park-and-Ride at  
 Southern Terminus**

*Figure D-1*

-  Shared Trackway
-  Exclusive Trackway
-  New Curb and Sidewalk
-  New Station
- Building Footprints
  -  Commercial
  -  Residential
  -  Covered Parking





# Lake Oswego to Portland

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## Streetcar Alternative Macadam In-Street and Macadam Additional Lane Design Options Transition from Willamette Shore Line to SW Landing Drive

**Figure D-3**

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking

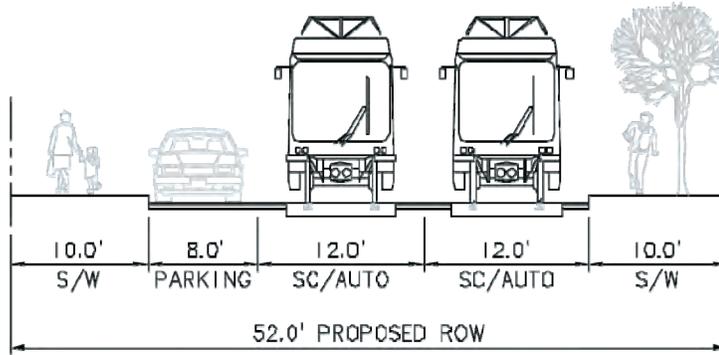


100 feet  
03.04.10

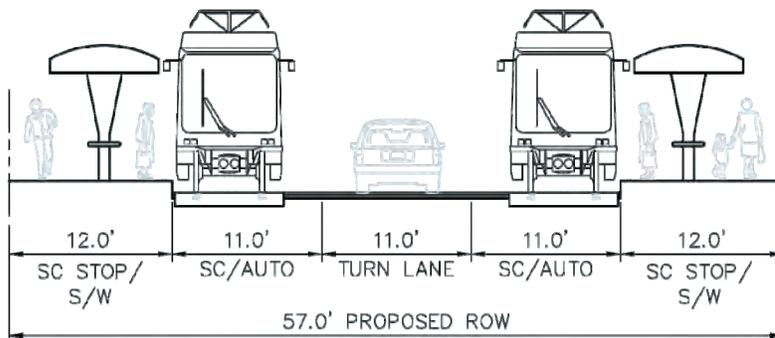


Streetcar Alternative  
Typical Cross-Sections  
on SW Landing Drive  
Macadam In-Street and  
Macadam Additional Lane  
Design Options

Figure D-4



**A: Streetcar Alternative**  
Macadam In-Street and Additional Lane Design Options  
Typical Cross-Section on SW Landing Drive - Facing North



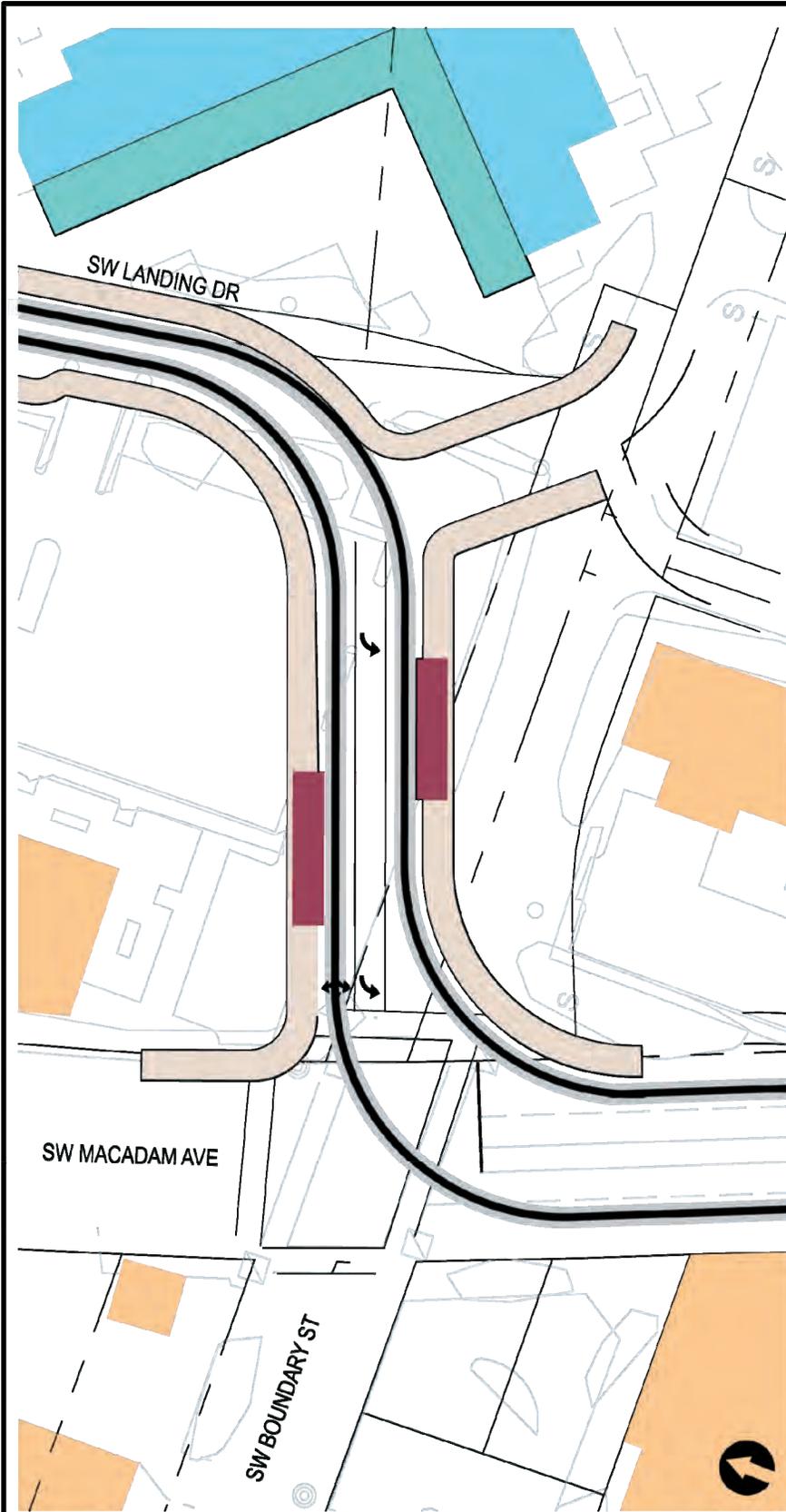
**B: Streetcar Alternative**  
Macadam In-Street and Additional Lane Design Options  
Cross-Section at SW Boundary Street Station - Facing West



**Streetcar Alternative  
Macadam In-Street  
Design Option  
Transition from Landing  
Drive to Macadam  
at Boundary**

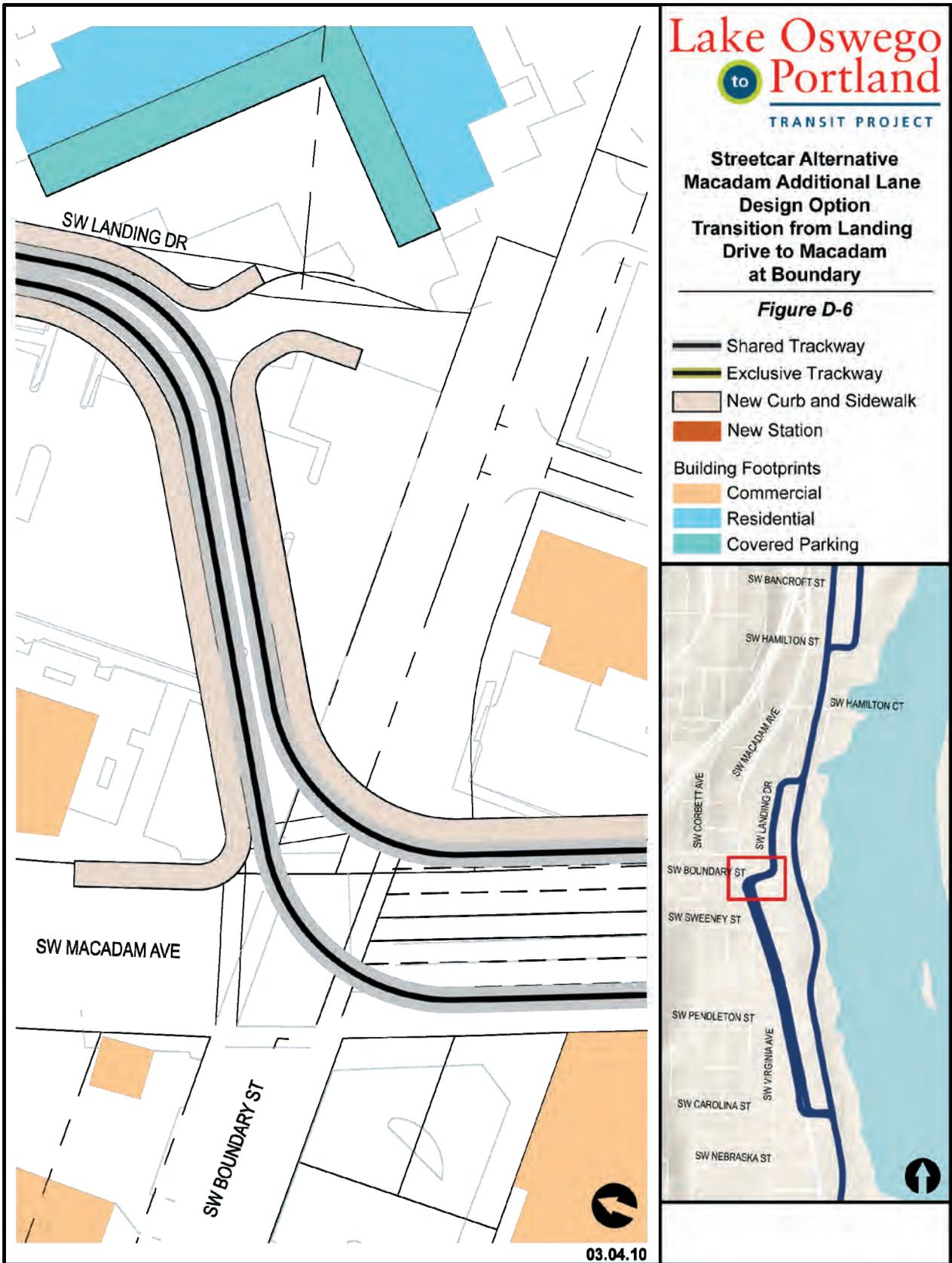
**Figure D-5**

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



03.04.10





Streetcar Alternative  
Willamette Shore Line  
Design Option at  
SW Boundary Street

Figure D-7

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking

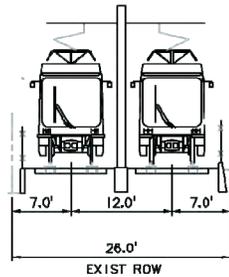


03.04.10

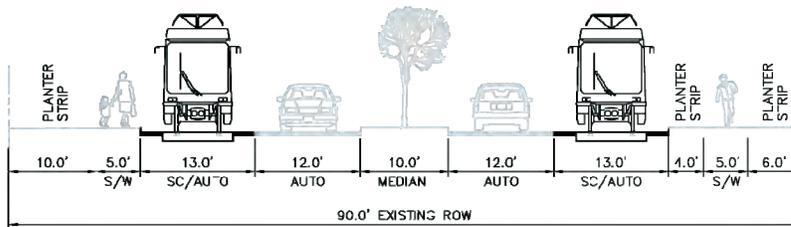


Streetcar Alternative  
Typical Cross-Sections  
near SW Pendleton Street

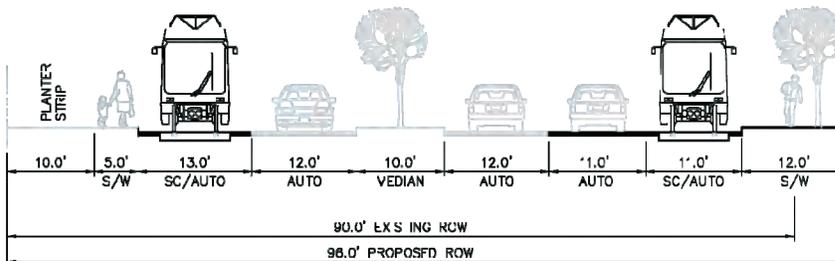
Figure D-8



**A: Streetcar Alternative Willamette Shore Line Design Option  
Cross-Section near SW Pendleton Street - Facing North**



**B: Streetcar Alternative Macadam In-Street Design Option  
Cross-Section near SW Pendleton Street - Facing North**



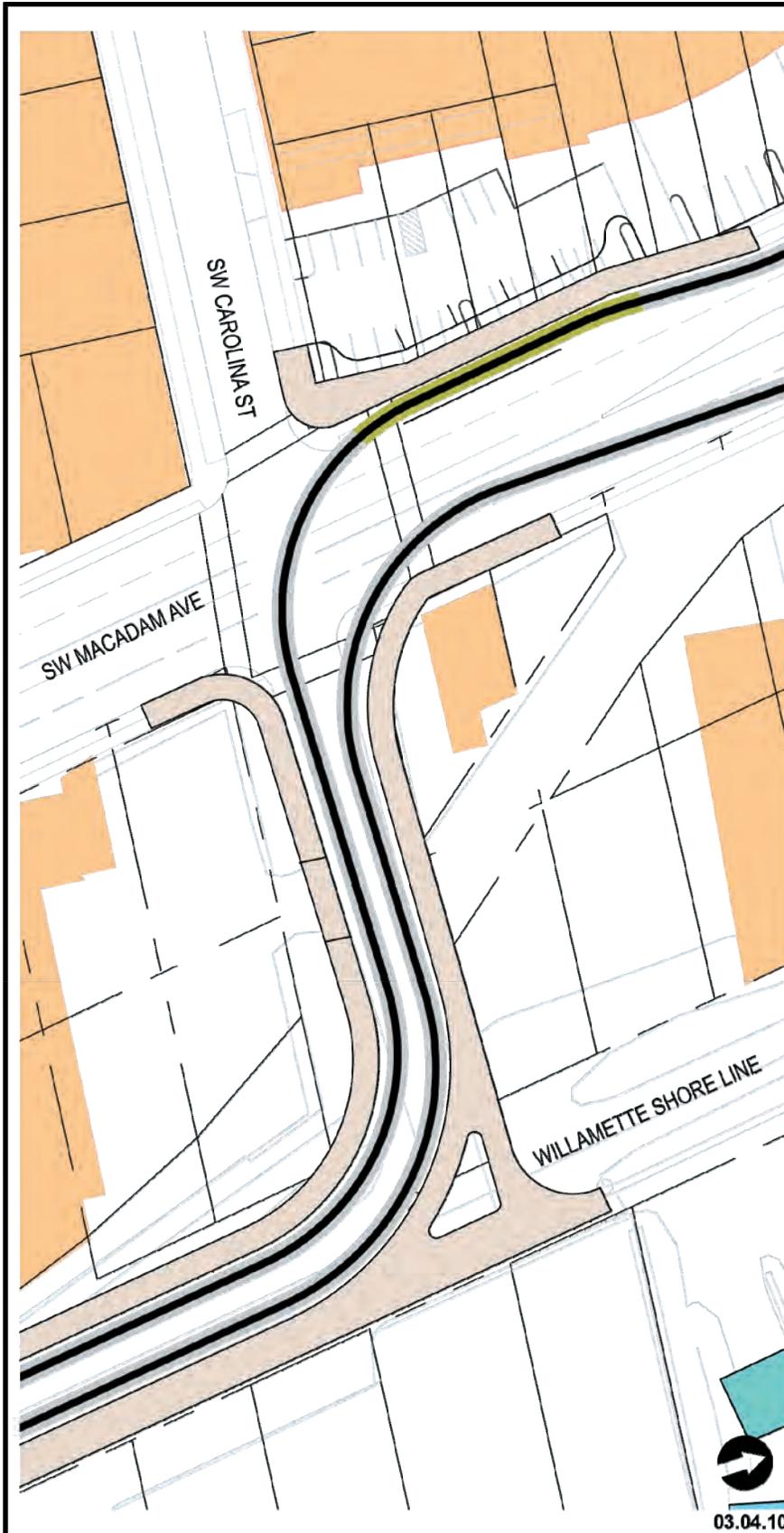
**C: Streetcar Alternative Macadam Additional Lane Design Option  
Cross-Section near SW Pendleton Street - Facing North**



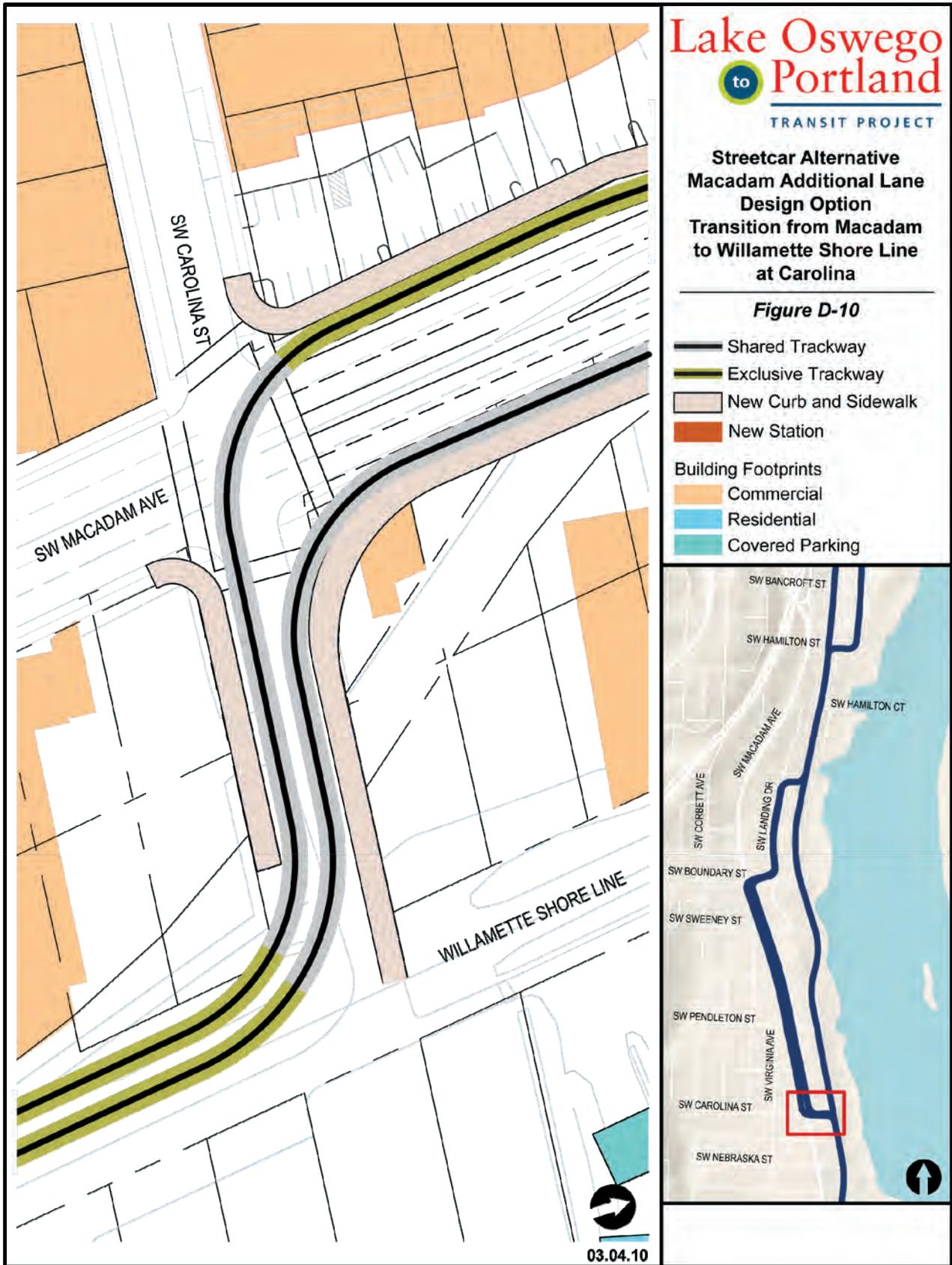
**Streetcar Alternative  
Macadam In-Street  
Design Option  
Transition from Macadam  
to Willamette Shore Line  
at Carolina**

Figure D-9

-  Shared Trackway
-  Exclusive Trackway
-  New Curb and Sidewalk
-  New Station
- Building Footprints
  -  Commercial
  -  Residential
  -  Covered Parking



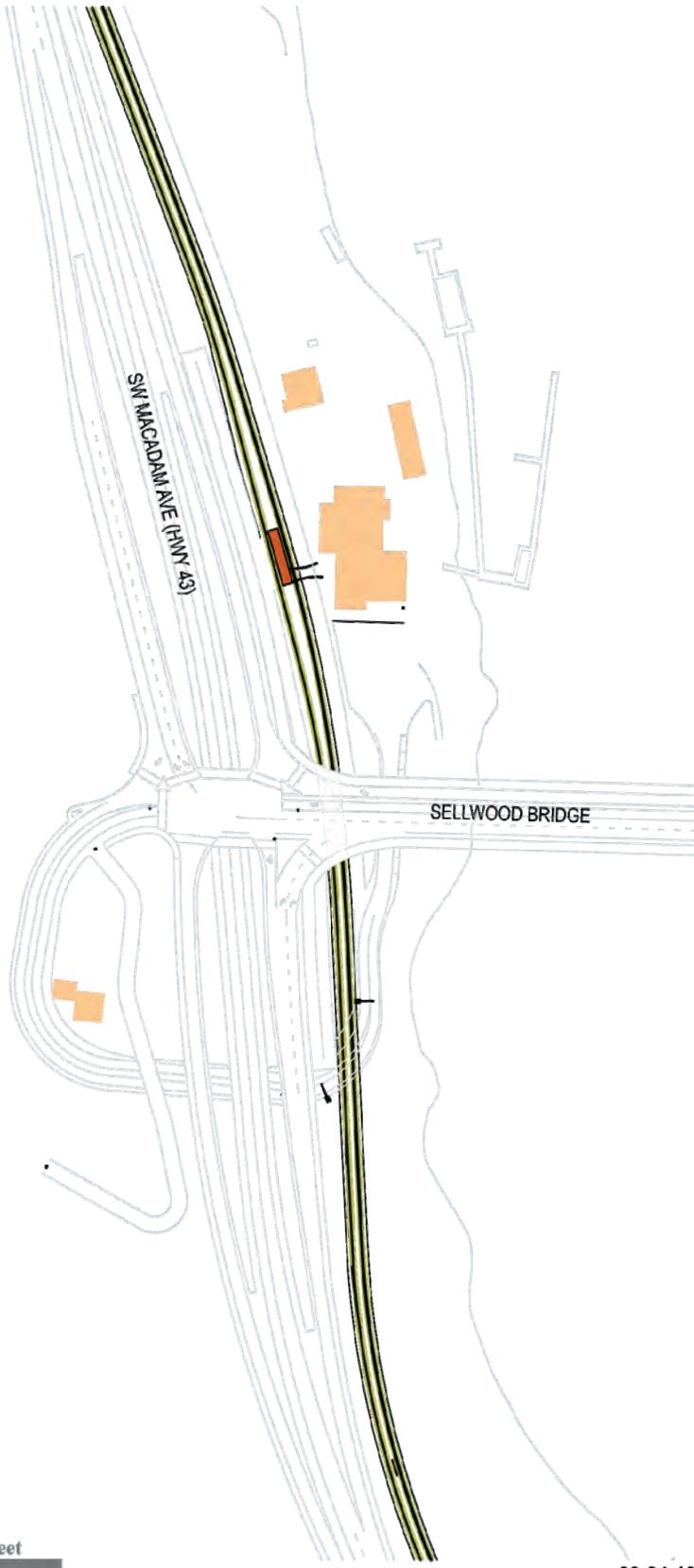
03.04.10



**Streetcar Alternative  
New Interchange  
Design Option  
at Sellwood Bridge**

**Figure D-11**

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



100 feet

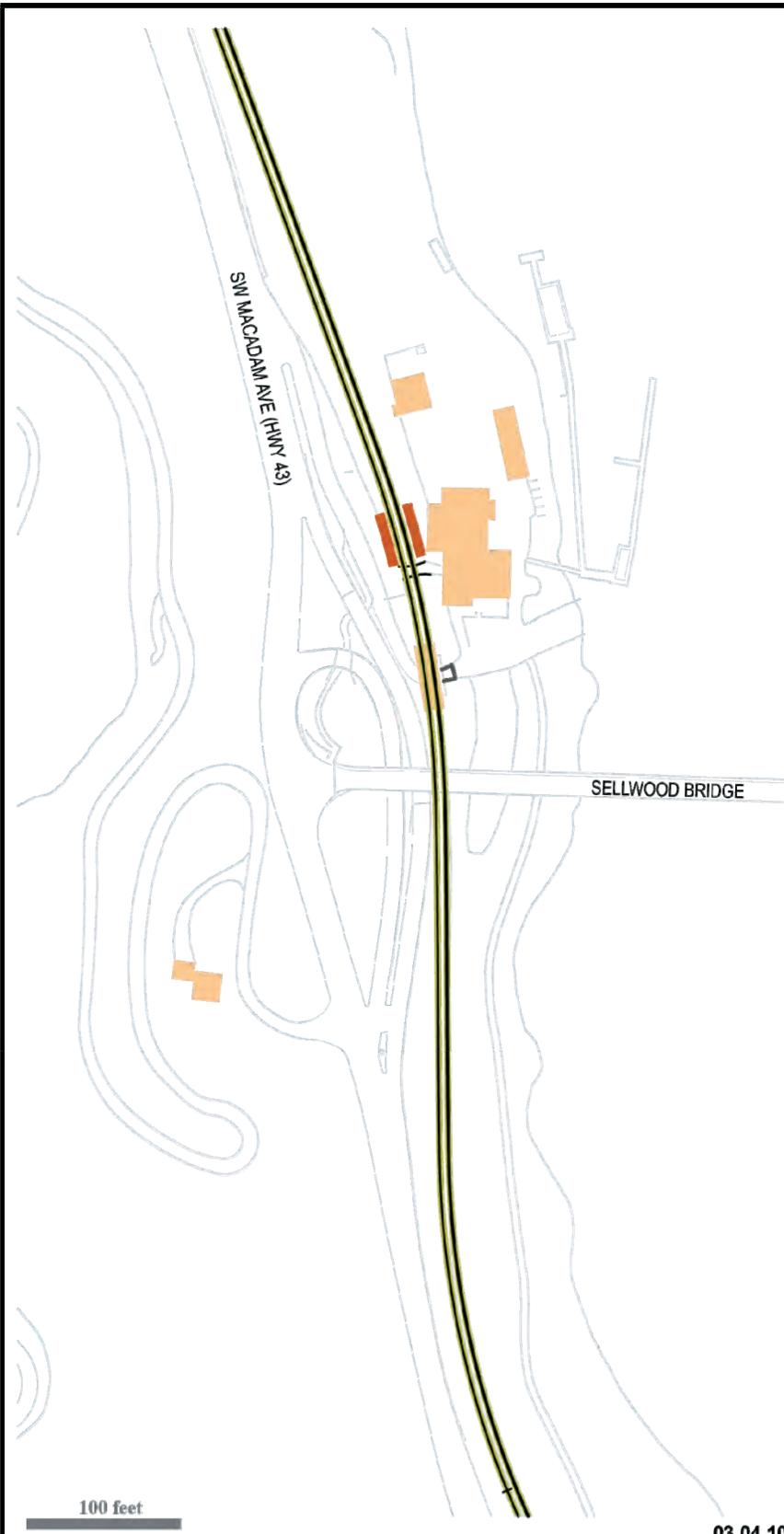
03.04.10



**Streetcar Alternative  
 Willamette Shore Line  
 Design Option  
 at Sellwood Bridge**

**Figure D-12**

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



**Streetcar Alternative  
Riverwood In-Street  
Design Option  
at Riverwood Road**

*Figure D-13*

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



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Streetcar Alternative  
Willamette Shore Line  
Design Option  
at Riverwood Road

Figure D-14

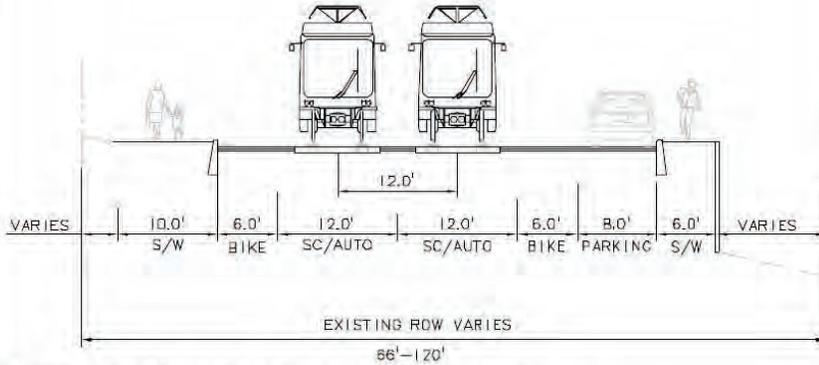
-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



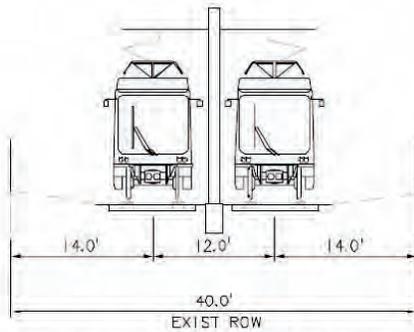
03.04.10

Streetcar Alternative  
Riverwood In-Street  
Design Option and  
Willamette Shore Line  
Design Option  
Typical Cross-Sections

Figure D-15



A: Streetcar Alternative Riverwood Design Option  
Cross-Section North of SW Military Road - Facing North



B: Streetcar Alternative Willamette Shore Line Design Option  
Cross-Section North of SW Military Road - Facing North



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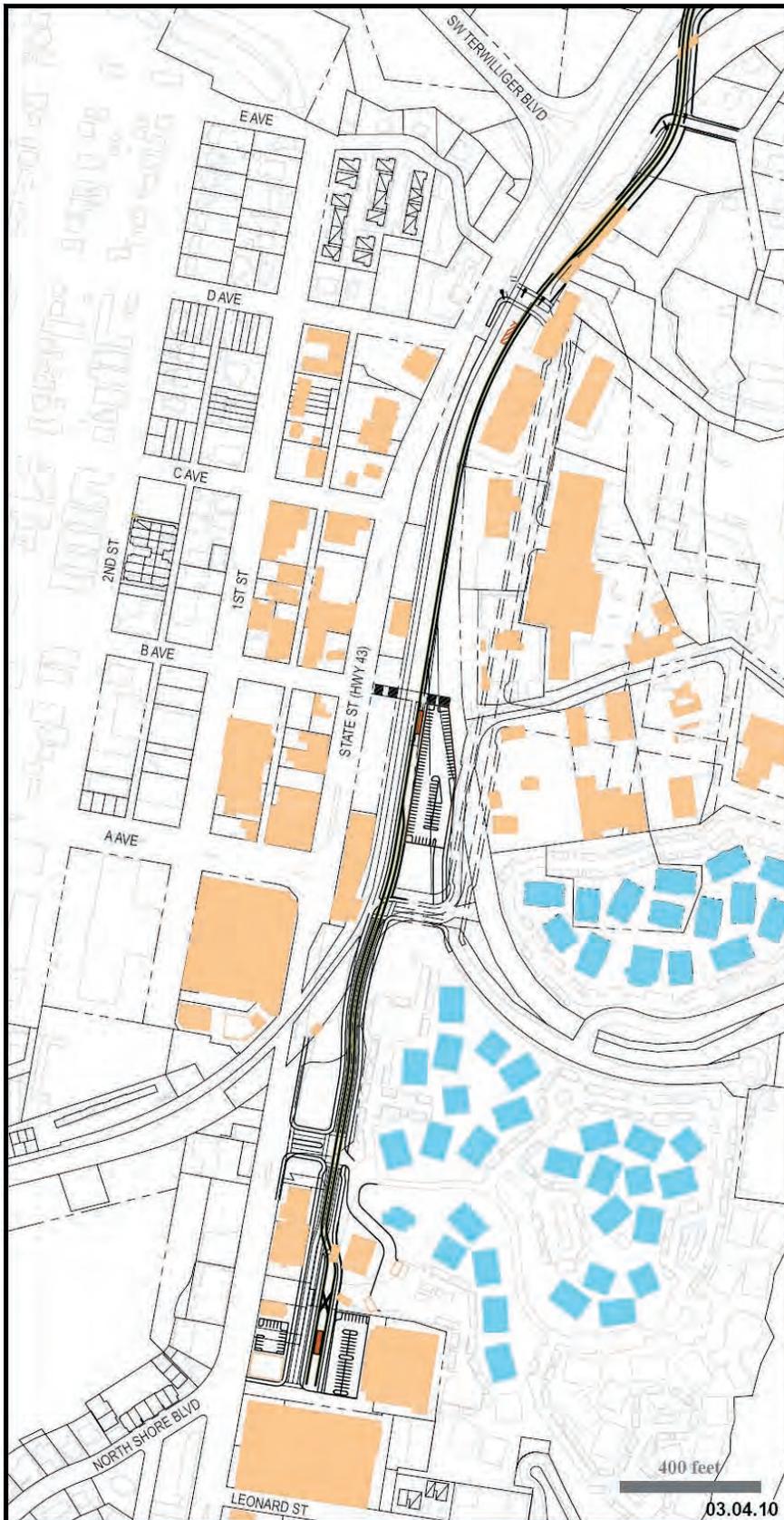
# Lake Oswego to Portland

to  
TRANSIT PROJECT

## Streetcar Alternative UPRR Design Option

Figure D-16

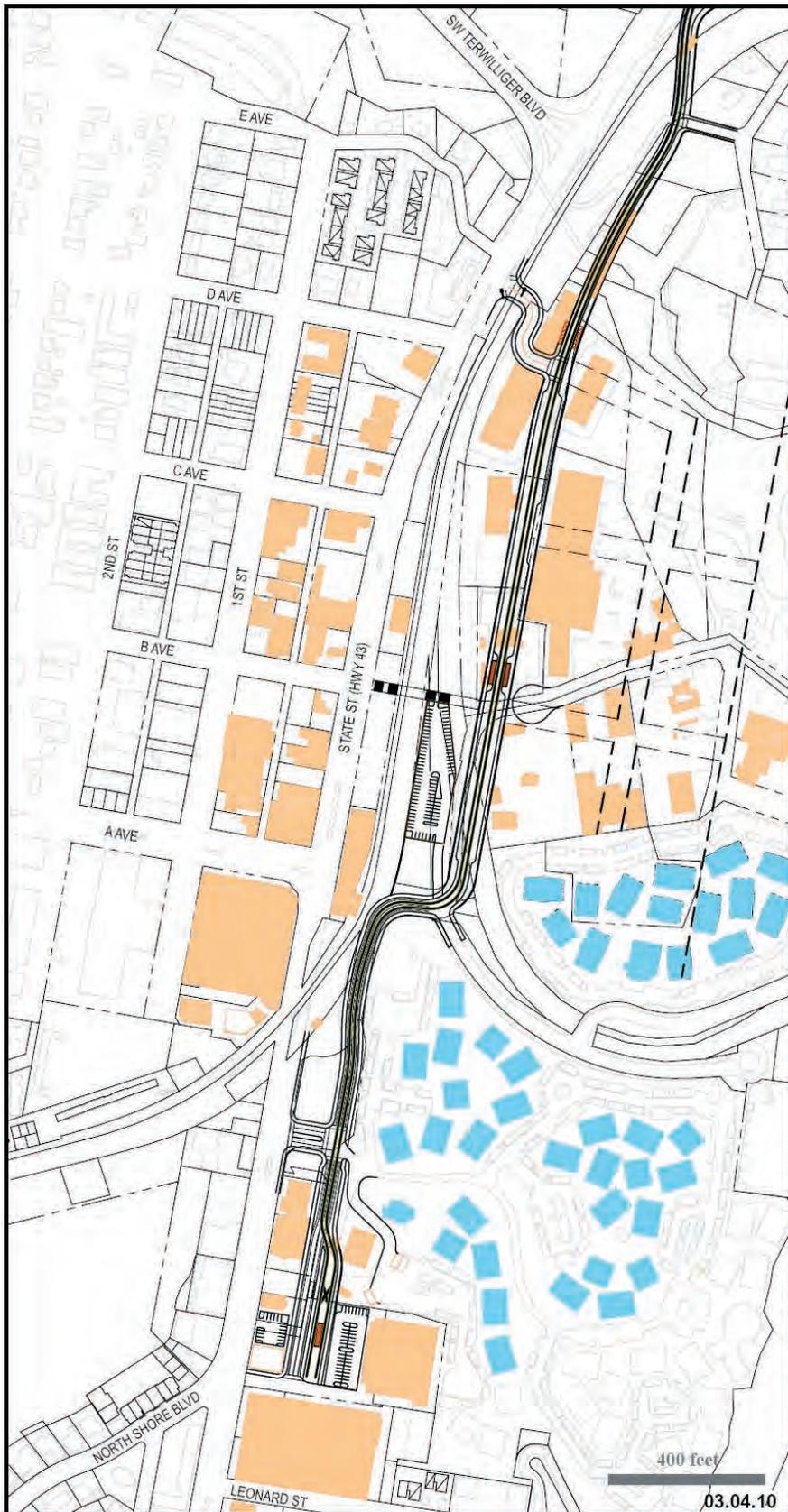
-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



Streetcar Alternative  
Foothills Design Option

Figure D-17

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



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# Lake Oswego to Portland

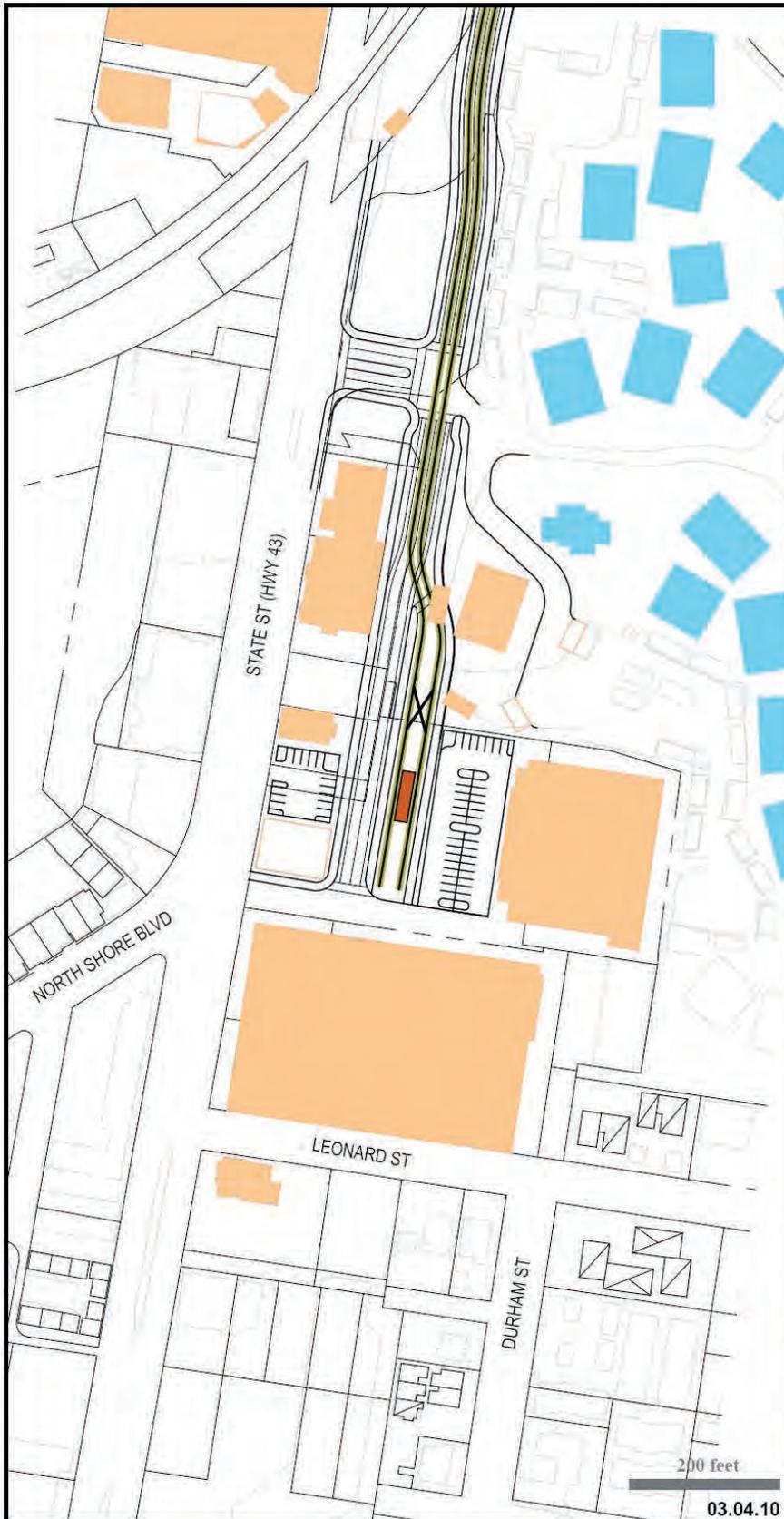
to **Portland**

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## Streetcar Alternative Park-and-Ride at Southern Terminus

Figure D-18

-  Shared Trackway
  -  Exclusive Trackway
  -  New Curb and Sidewalk
  -  New Station
- Building Footprints
-  Commercial
  -  Residential
  -  Covered Parking



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