



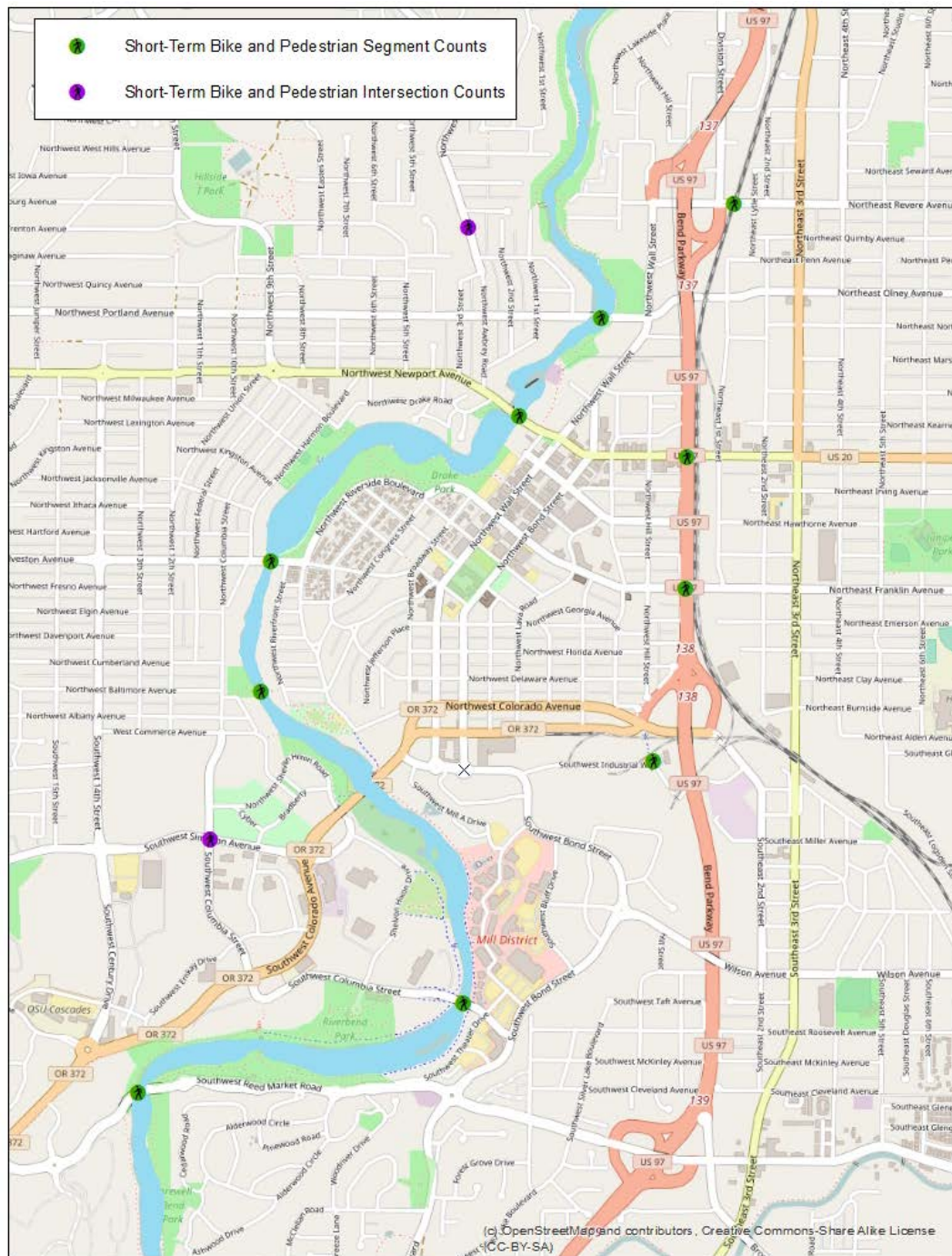
Chapter 3: Short-Term Bike and Pedestrian Counts



SHORT-TERM BIKE AND PEDESTRIAN COUNTS

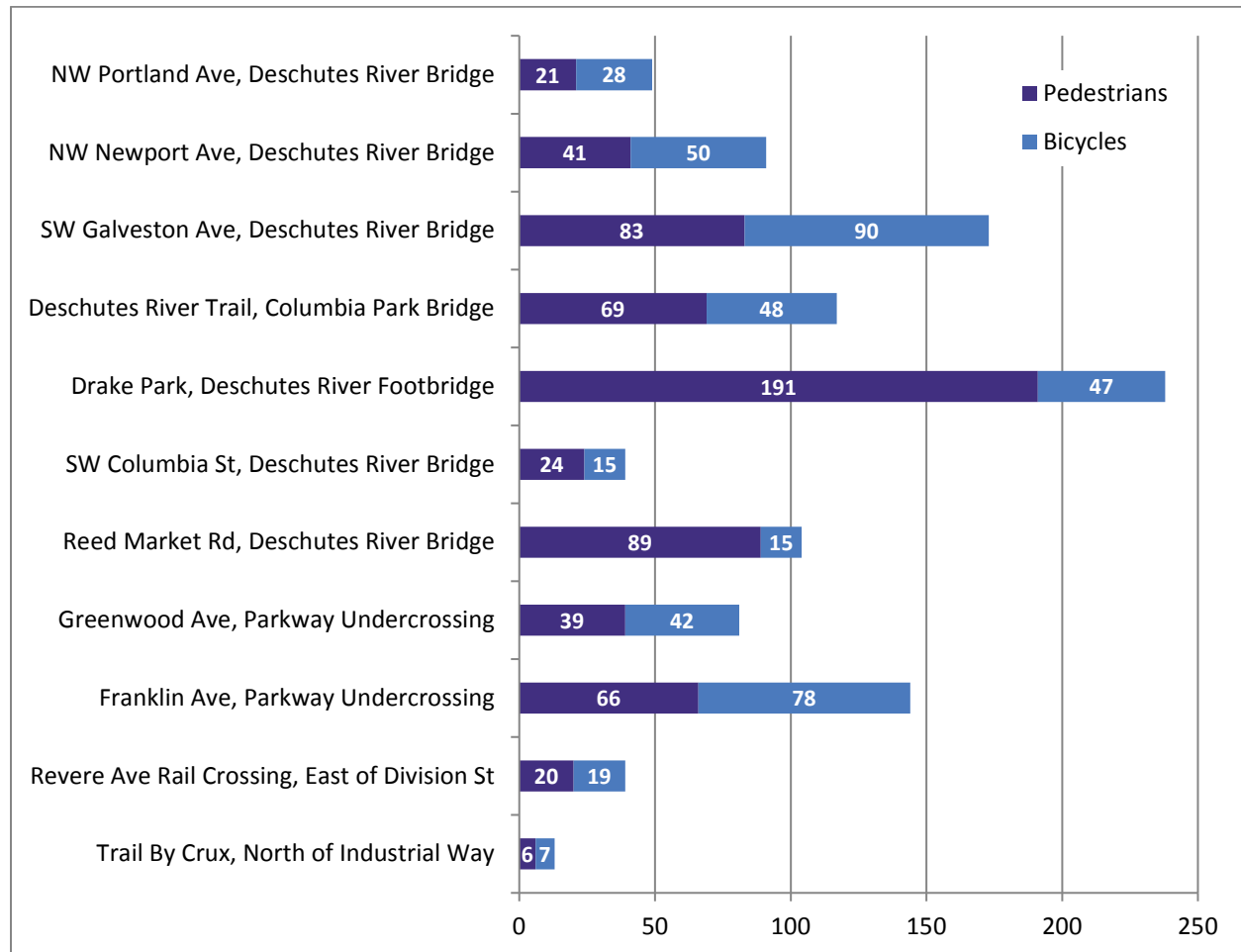
Short-term count locations were selected to capture information about opportunity areas, existing bicycle routes, key crossings, and trails. Data was collected at the short-term count locations in May 2016. Both segment and intersection counts were collected. The count locations are shown in the map in Exhibit 3-1.

Exhibit 3-1. Short-Term Bike and Pedestrian Count Locations



The chart in Exhibit 3-2 compares the total number of bicyclists and pedestrians recorded at each segment count location for the two hour peak period (3:30 – 5:30 p.m.) on May 17th, 2017. The Deschutes River Bridges are listed in order from north to south.

Exhibit 3-2. Bike and Pedestrian Counts by Location



As seen in the table, the highest number of pedestrians was counted at the Deschutes River Footbridge in Drake Park, followed by the Reed Market Road Deschutes River Bridge. The highest number of bicyclists was counted on SW Galveston Avenue at the Deschutes River Bridge, followed by Franklin Avenue at the Parkway Undercrossing.

A summary of the counts collected at each location are provided in the following pages. The segment count locations are summarized first in the order shown in the table above, followed by the intersection count locations.

LOCATION: NW PORTLAND AVENUE, DESCHUTES RIVER BRIDGE

Functional Classification: Major Collector

Cross-Section: Two vehicle lanes, bike lanes, sidewalks

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



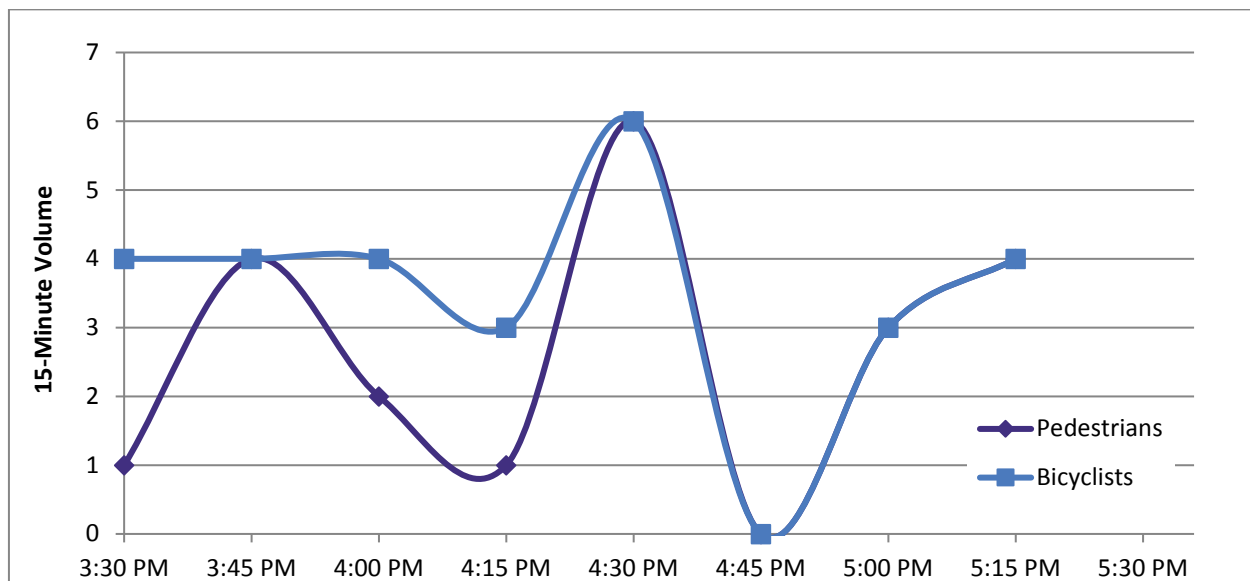
Total Pedestrians: 21 | 9 WB/12 EB



Total Bicyclists: 28 | 16 WB/12 EB

Bicyclists on sidewalk: 2

Bicyclists in roadway: 26



LOCATION: NEWPORT AVENUE, DESCHUTES RIVER BRIDGE

Functional Classification: Minor Arterial

Cross-Section: Two vehicle lanes, bike lanes, sidewalks

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



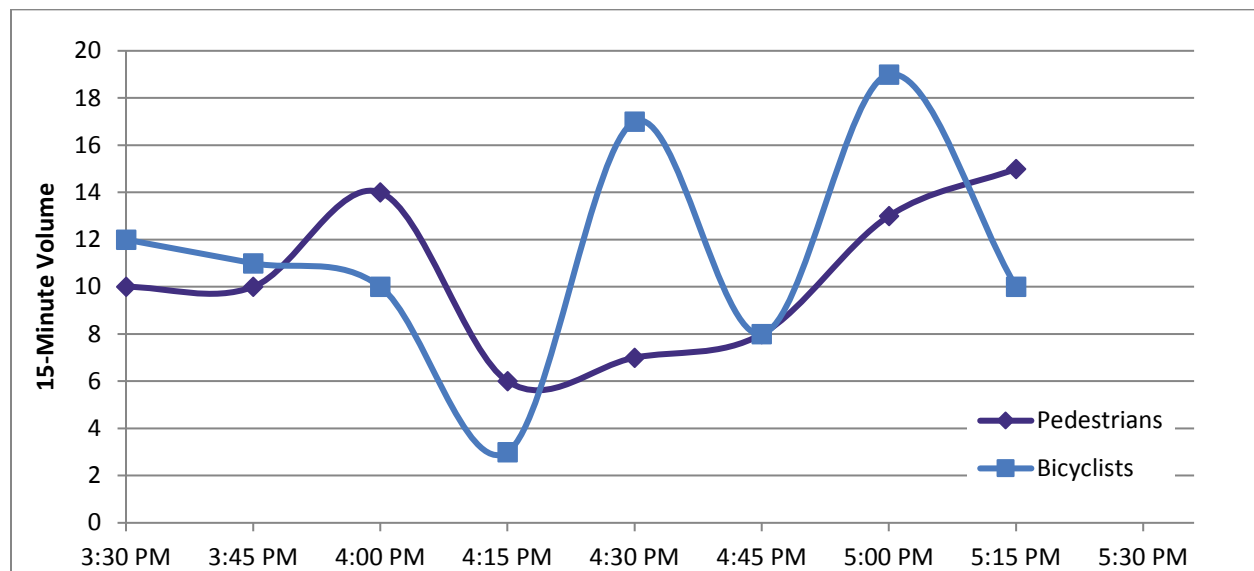
Total Pedestrians: 41 | 23 WB/18 EB



Total Bicyclists: 50 | 29 WB/21 EB

Bicyclists on sidewalk: 15

Bicyclists in roadway: 35



LOCATION: SW GALVESTON AVENUE, DESCHUTES RIVER BRIDGE

Functional Classification: Minor Arterial

Cross-Section: Two vehicle lanes, bike lanes, sidewalks

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



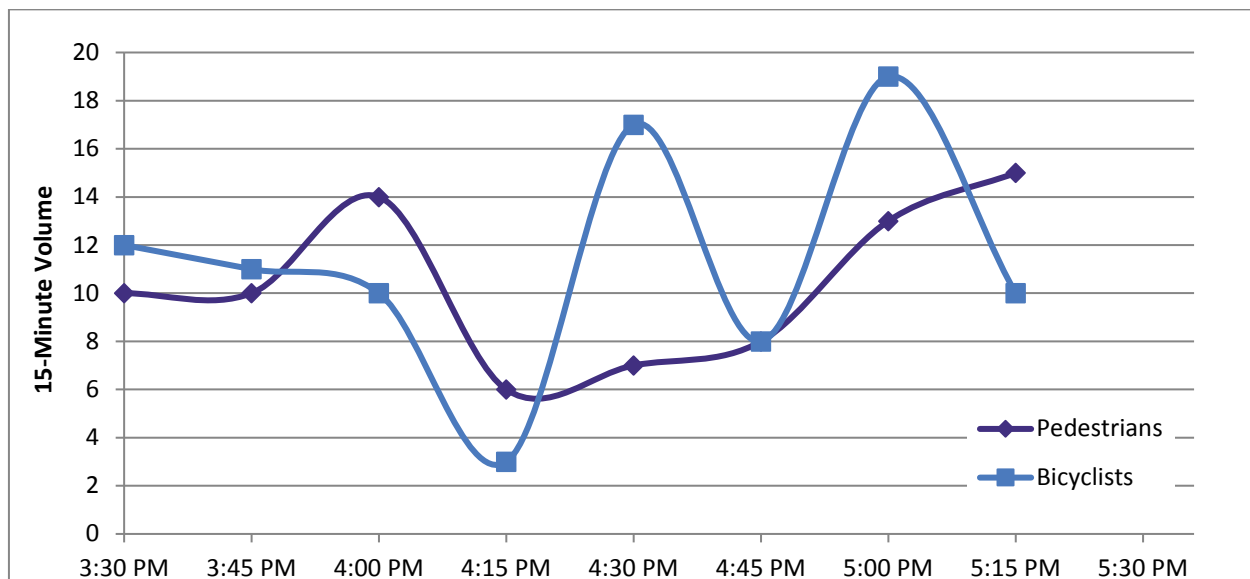
Total Pedestrians: 83 | 40 WB/43 EB



Total Bicyclists: 90 | 47 WB/73 EB

Bicyclists on sidewalk: 22

Bicyclists in roadway: 68



LOCATION: DESCHUTES RIVER TRAIL, COLUMBIA PARK BRIDGE

Functional Classification: NA (Trail)



Cross-Section: Bridge

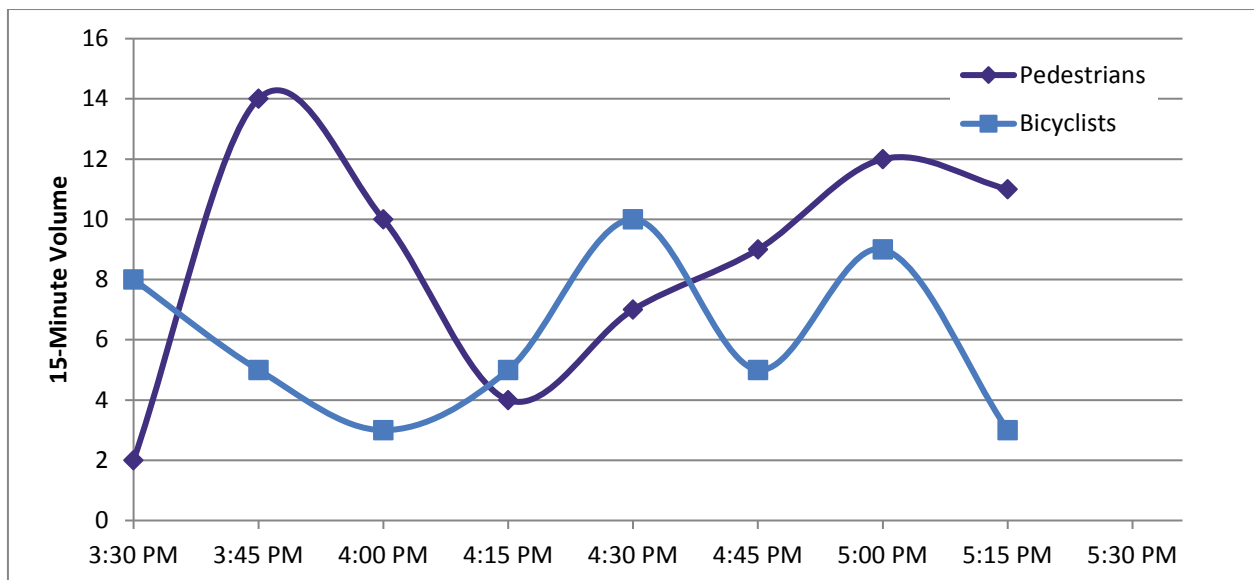
Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.

 **Total Pedestrians:** 69 | 32 WB/37 EB
 **Total Bicyclists:** 48 | 30 WB/18 EB



LOCATION: DRAKE PARK, DESCHUTES RIVER FOOTBRIDGE

Functional Classification: NA (Trail)

Cross-Section: Wooden bridge

Source: Video data



Source: Google Earth

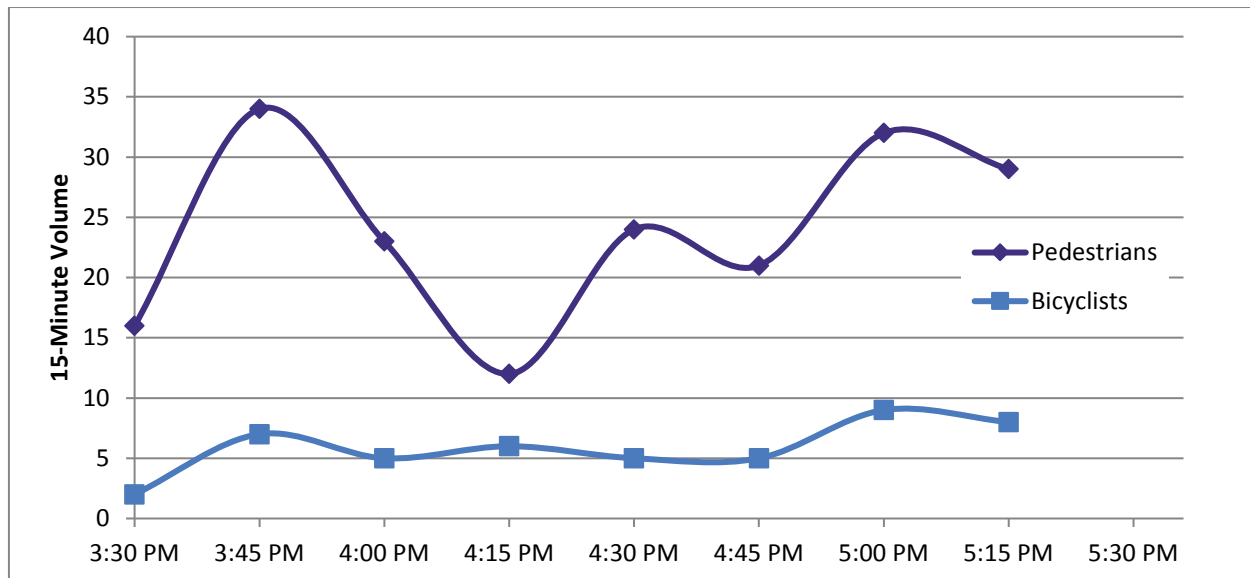
Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



Total Pedestrians: 191 | 92 WB/99 EB



Total Bicyclists: 47 | 29 WB/18 EB



LOCATION: SW COLUMBIA STREET, DESCHUTES RIVER BRIDGE

Functional Classification: Local



Cross-Section: Two vehicle lanes, sidewalks

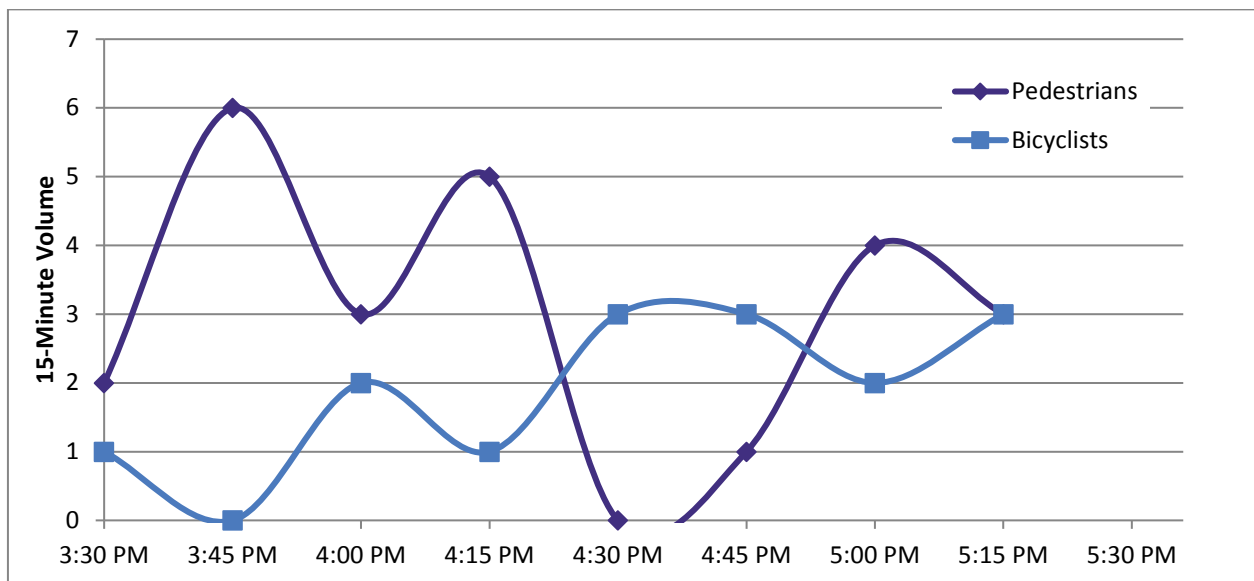
Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.

-  **Total Pedestrians:** 24 | 8 WB/16 EB
-  **Total Bicyclists:** 15 | 7 WB/8 EB
- Bicyclists on sidewalk: 2*
- Bicyclists in roadway: 13*



LOCATION: REED MARKET ROAD, DESCHUTES RIVER BRIDGE

Functional Classification: Minor Arterial

Cross-Section: Two vehicle lanes, raised median, bike lanes, sidewalks

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



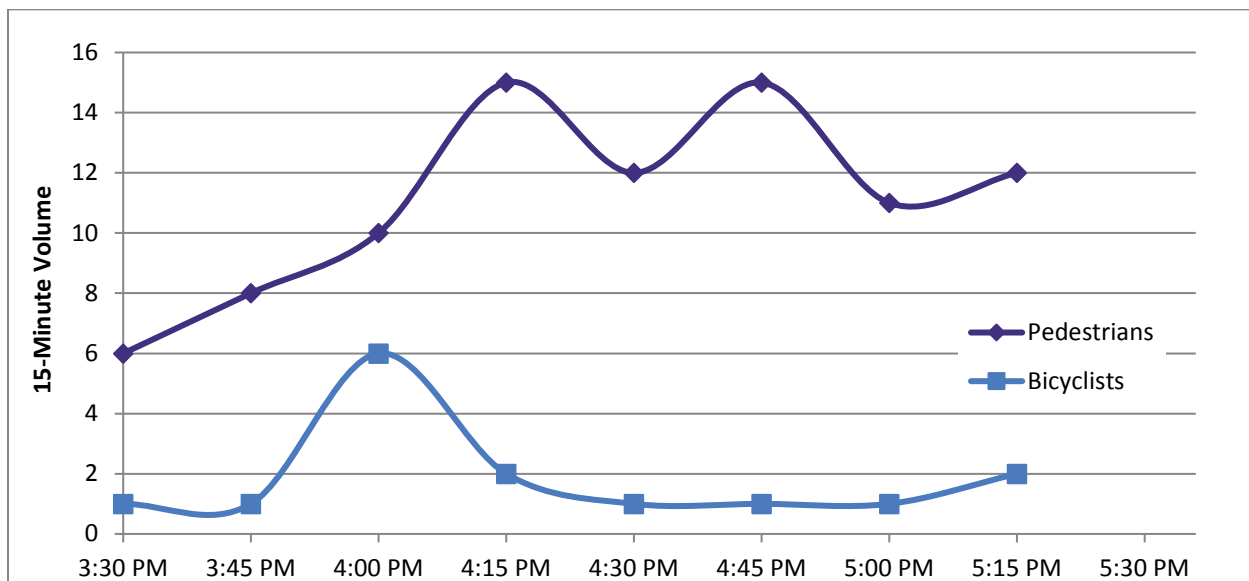
Total Pedestrians: 89 | 45 WB/44EB



Total Bicyclists: 15 | 6 WB/9 EB

Bicyclists on sidewalk: 6

Bicyclists in roadway: 9



LOCATION: GREENWOOD AVENUE, PARKWAY UNDERCROSSING

Functional Classification: Minor Arterial

Cross-Section: Four vehicle lanes with separated bike/pedestrian path on either side

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



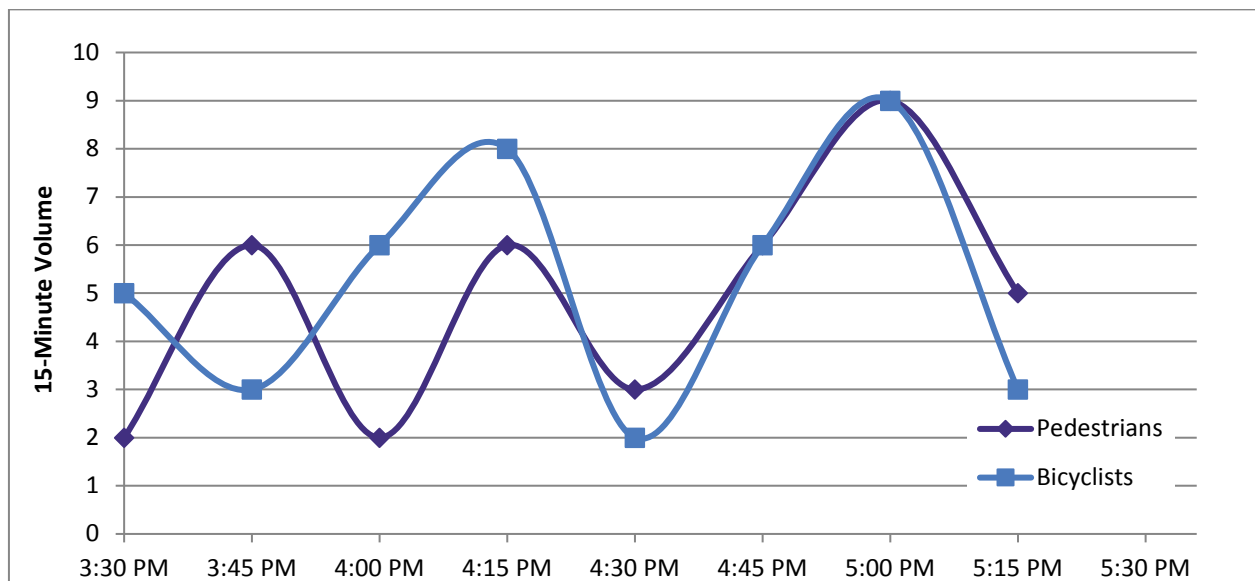
Total Pedestrians: 39 | 18 WB/21 EB



Total Bicyclists: 42 | 22 WB/20 EB

Bicyclists on sidewalk: 18

Bicyclists in roadway: 24



LOCATION: FRANKLIN AVENUE, PARKWAY UNDERCROSSING

Functional Classification: Minor Arterial

Cross-Section: Two vehicle lanes with separated bike/pedestrian path on either side

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



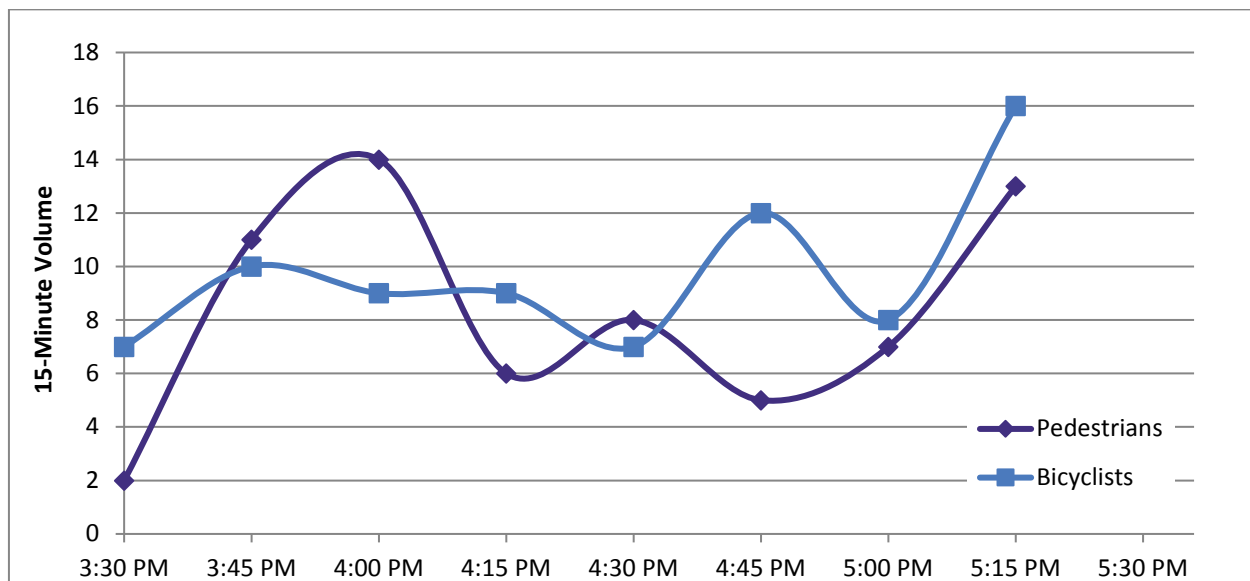
Total Pedestrians: 66 | 35 WB/31 EB



Total Bicyclists: 78 | 53 WB/25 EB

Bicyclists on sidewalk: 73

Bicyclists in roadway: 5



LOCATION: NE REVERE AVENUE RAIL CROSSING, EAST OF DIVISION STREET

Functional Classification: Minor Arterial

Cross-Section: Four vehicle lanes, sidewalks

Source: Video data



Source: Google Earth

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



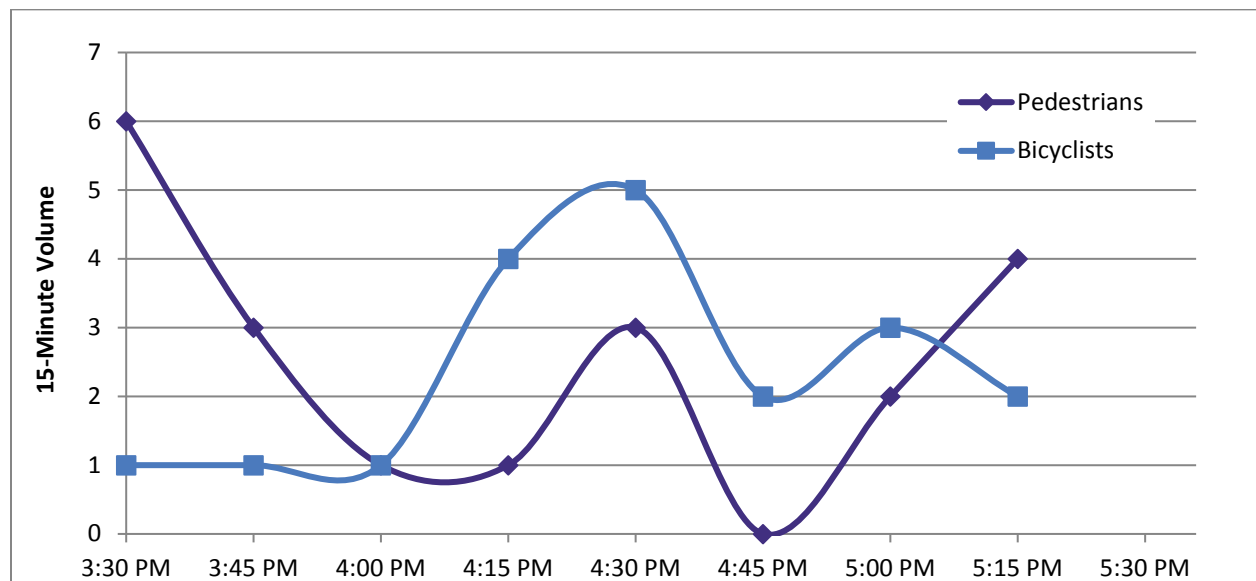
Total Pedestrians: 20 | 14 WB/6 EB



Total Bicyclists: 19 | 10 WB/9 EB

Bicyclists on sidewalk: 7

Bicyclists in roadway: 12



LOCATION: TRAIL BY CRUX, NORTH OF INDUSTRIAL WAY

Functional Classification: NA (Trail)

Cross-Section: Two vehicle lanes, bike lanes, sidewalks

Source: Video data



Source: Google Earth

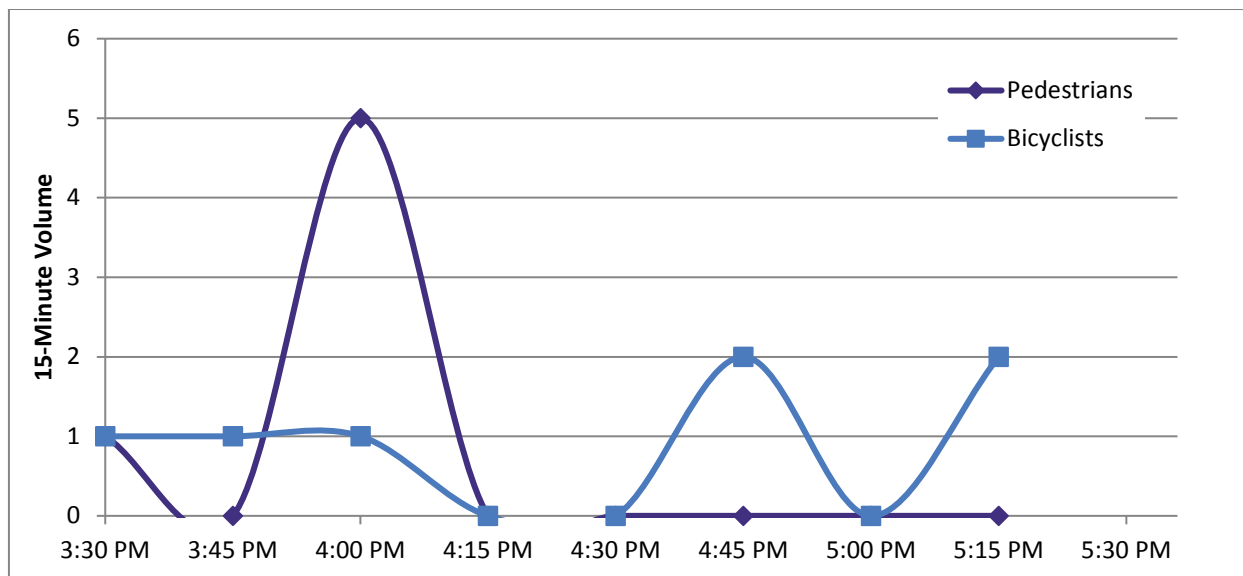
Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.



Total Pedestrians: 6 | 5 SB/1 NB



Total Bicyclists: 7 | 3 SB/4 NB



LOCATION: SW COLUMBIA STREET/SW SIMPSON AVENUE



Source: Google Earth

Functional Classification: Minor Arterial/Local

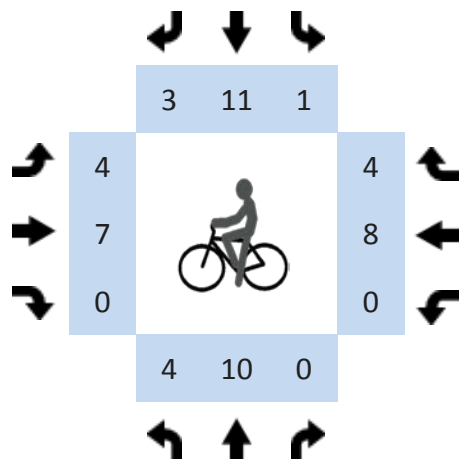
Cross-Section: Bicycle lanes and sidewalks on both roadways, except for gap in southbound bicycle lane on SW Columbia Street between SW Shevlin Hixon Drive and SW Simpson Avenue

Traffic Control: All-way-stop-control

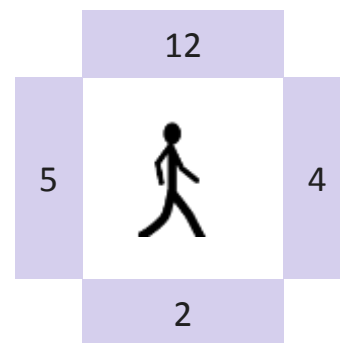
Source: Bicycle Turning Movement Count and Pedestrian Crosswalk Count

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.

Bicyclists:



Pedestrians:



LOCATION: SW BOND STREET/SW INDUSTRIAL WAY



Source: Google Earth

Functional Classification: Major Collector/Major Collector

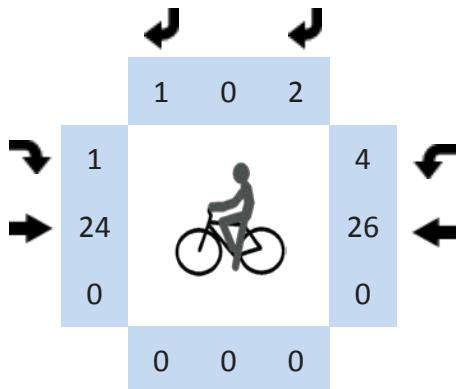
Cross-Section: Sidewalks on both roadways

Traffic Control: Roundabout

Source: Bicycle Turning Movement Count and Pedestrian Crosswalk Count

Date: Tuesday, May 17, 2016, 3:30-5:30 p.m.

Bicyclists:



Pedestrians:

