



BELLEVUE
**PEDESTRIAN
& BICYCLE**
IMPLEMENTATION INITIATIVE

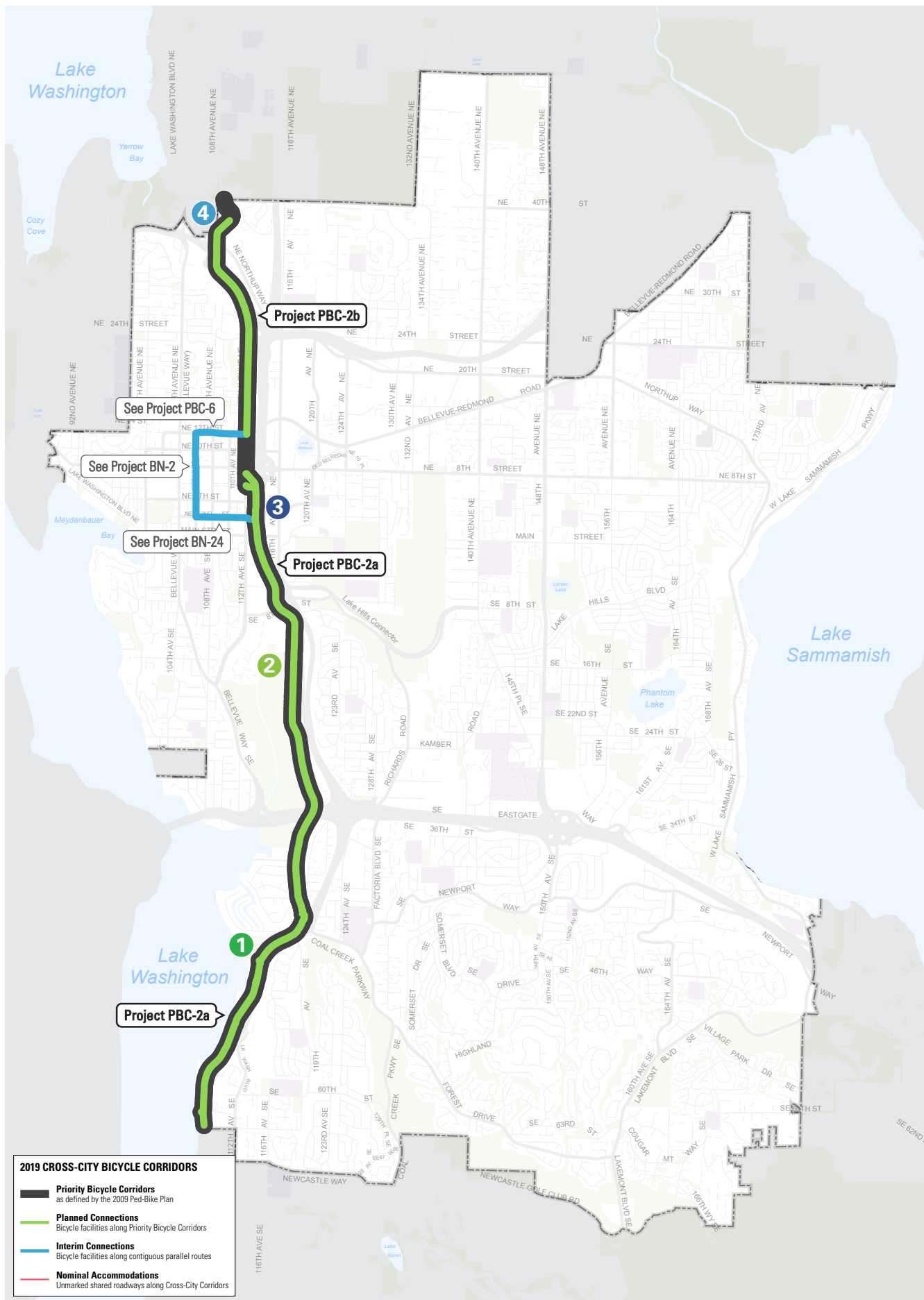
» 2016–2019 RAPID IMPLEMENTATION PROGRAM

candidate projects and conceptual layouts

DRAFT



January 2016



PRIORITY BICYCLE CORRIDOR NS-2: LAKE WASHINGTON LOOP TRAIL

Bicycle Classification: Priority Bicycle Corridor

Street Classifications: Local–Major Arterial

Traffic Volumes (AAWT):

5,800 (SE 8th St to Main St); 8,900–10,000 (NE 12th St to SR-520); 12,500 (north of SR-520)

Posted Speed Limits:

25–35 MPH

Existing Bicycle Facilities:

Offstreet Path (Lake Washington Blvd SE to Coal Creek Pkwy); Conventional Bike Lanes (118th Ave SE, 114th Ave SE); Sharrows (114th Ave NE); Conventional Bike Lanes (108th Ave NE at SR-520)

Major Nearby Destinations:

Newcastle Beach Park, Mercer Slough Nature Park and Environmental Education Center, Downtown Bellevue, Bellevue Montessori School, South Kirkland Park-and-Ride

Bicycle Network Connections:

Lake Washington Blvd SE (PBC), I-90 Trail (PBC), SE 8th St (PBC), NE 12th St (PBC), Northup Way, Eastside Rail Corridor (PBC)

Population & Employment (½-mile buffer):

19,552 residents and 55,752 jobs

2009 Plan Projects: B-101 (High), B-104 (High), and B-127 (High)

1. Newcastle Beach Park



2. Mercer Slough Environmental Education Center

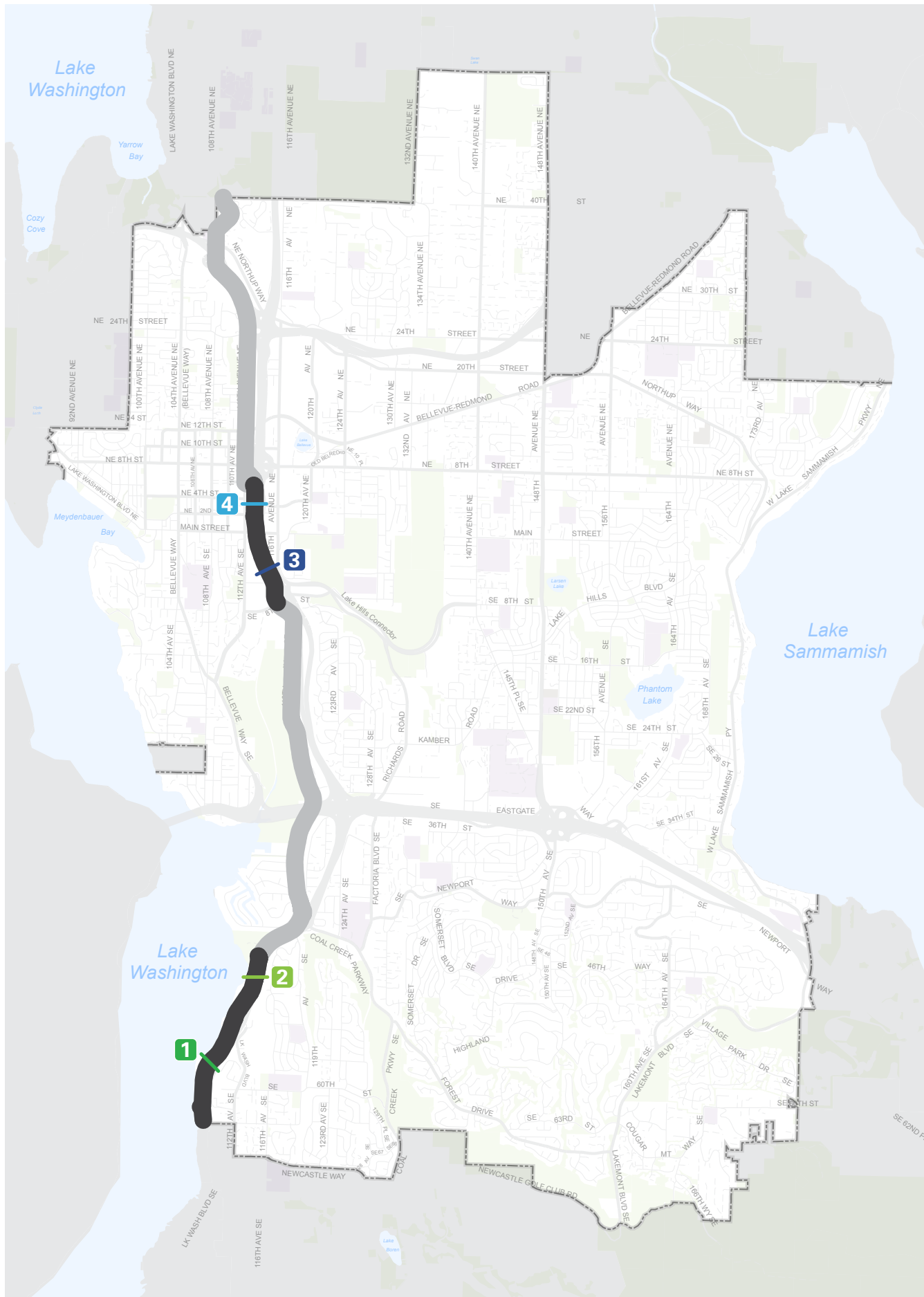


3. 114th Avenue NE in Downtown Bellevue



4. South Kirkland Park-and-Ride





CANDIDATE PROJECT PBC-2a: LAKE WASHINGTON BLVD SE, 114TH AVE NE

Bicycle Classification: Priority Bicycle Corridor

Street Classifications:

Local: Lake Washington Blvd SE

Minor Arterial: 114th Ave

Traffic Volumes (AAWT): 5,800 (north of SE 6th St)

Posted Speed Limits:

25 MPH (106th Ave SE, 114th Ave SE)

30 MPH (Lake Washington Blvd SE, 114th Ave NE)

Existing Bicycle Facilities:

Conventional Bike Lanes (SE 8th St to Main St);

Sharrows (Main St to NE 6th St)

Major Nearby Destinations:

Newcastle Beach Park, Mercer Slough Nature Park and Environmental Education Center, Downtown Bellevue

Bicycle Network Connections:

Lake Washington Blvd SE (PBC), I-90 Trail (PBC), SE 8th St (PBC)

Population (½-mile buffer):

Data forthcoming

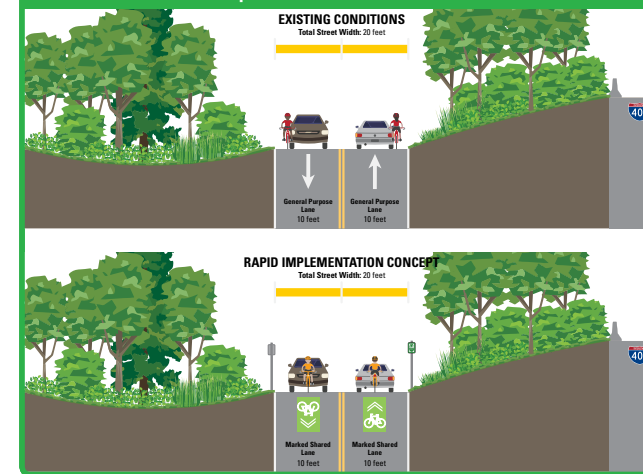
Employment (½-mile buffer):

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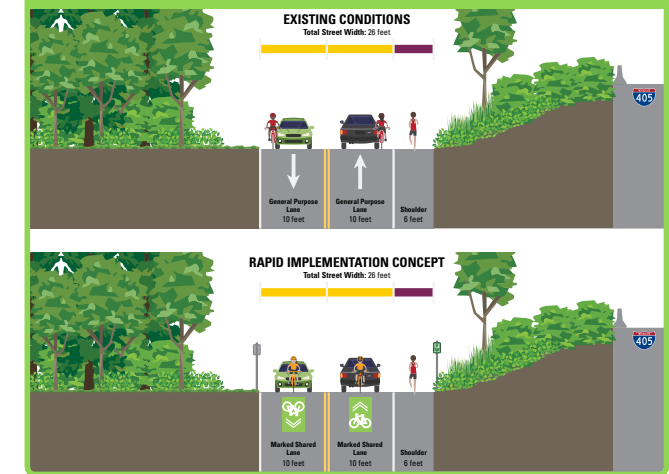
2009 Plan Projects: B-127 (High)

Typical Street Sections:

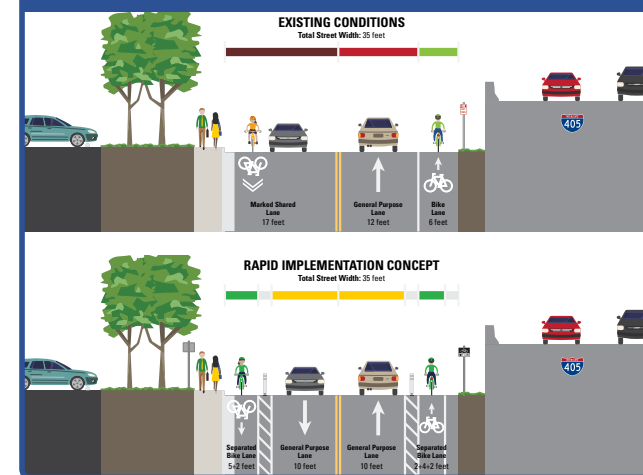
1. Lk. Wash. Loop Trail to Lk. Wash. Blvd SE



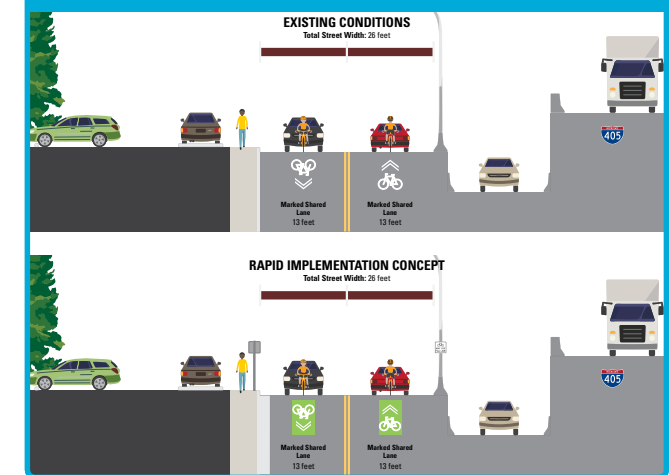
2. 106th Ave SE to Lk. Wash. Blvd SE

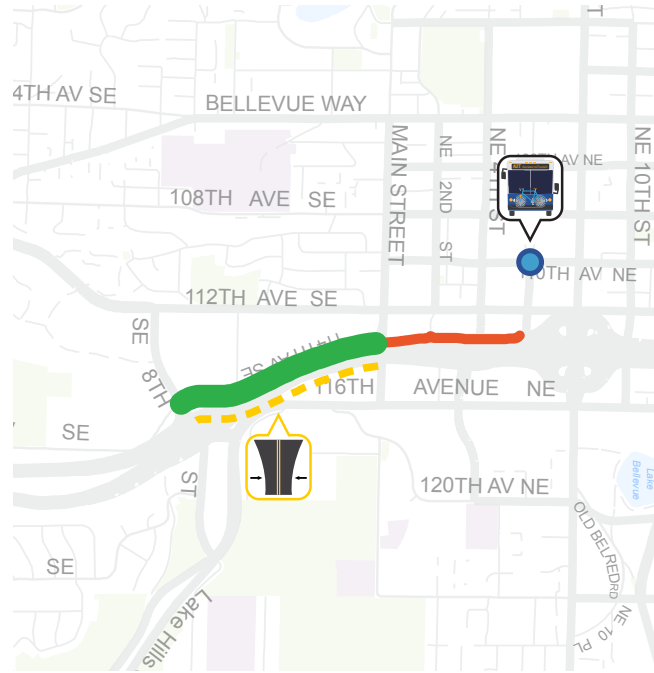
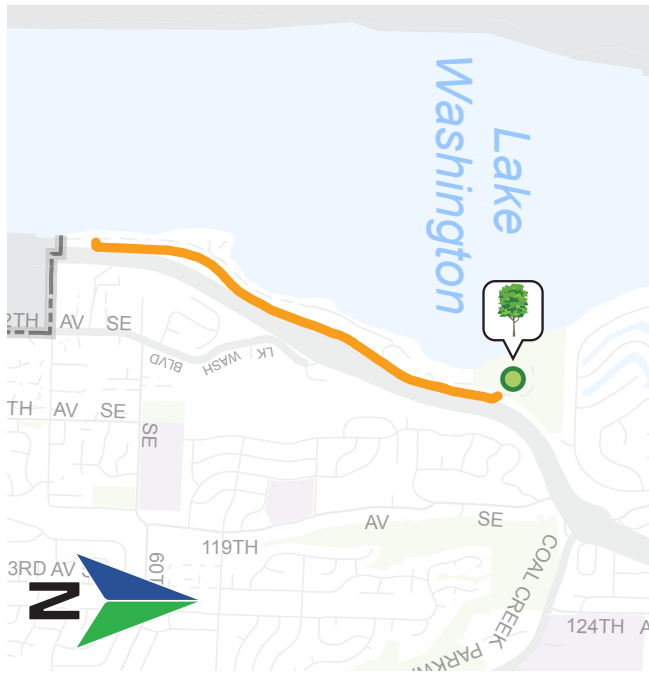


3. SE 8th St to Main St



4. Main St to NE 6th St





Issues:

Requires 10-foot Travel Lanes: 114th Ave SE from SE 8th St to Main St

Opportunities:

Neighborhood Greenway (## miles): Lake Washington Blvd SE from Lake Washington Loop Trail [north of south city limits] to Lake Washington Loop Trail [connects to Coal Creek Pkwy SE]

Separated Bike Lanes (## miles): 114th Ave SE from SE 8th St to Main St

Green-Backed Sharrows (## miles): 114th Ave SE from Main St to NE 6th St

Access to Transit: Bicycle connection to Bellevue Transit Center

Access to Parks: Bicycle connection to Newcastle Beach Park

Cost Estimates:

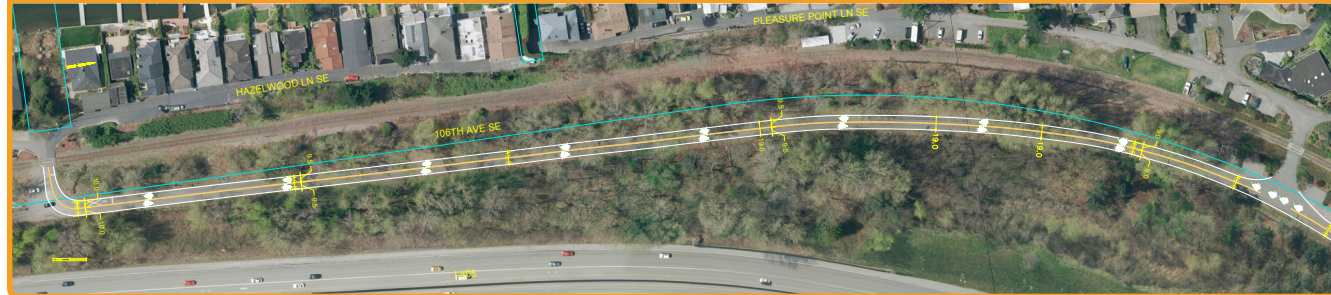
Capital: Forthcoming

O&M: Forthcoming

Conceptual Layouts:

Note: All dimensions are approximate pending field verification

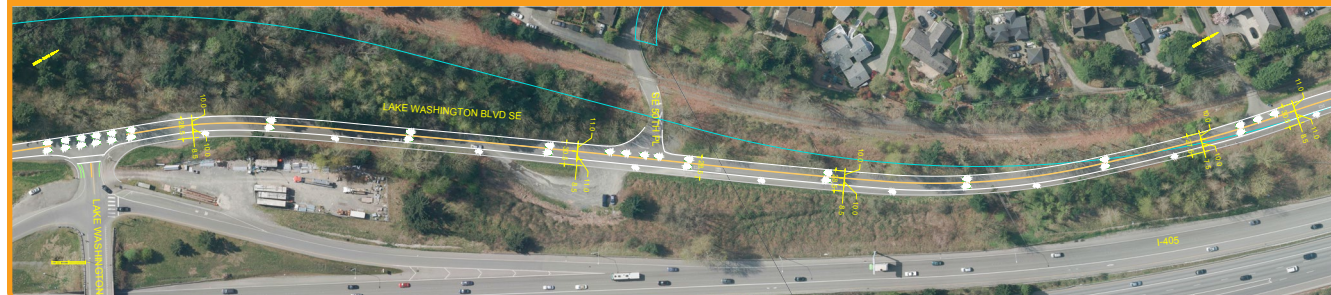
106th Ave SE from Lake Washington Loop Trail to Pleasure Point Lane SE



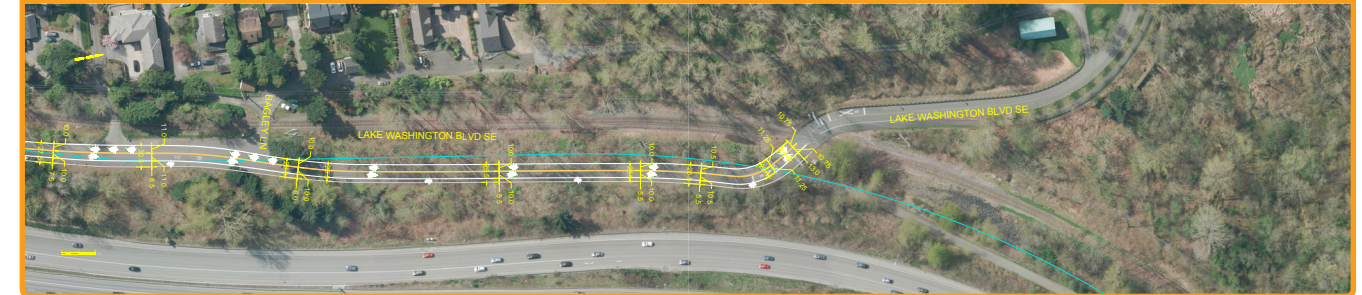
106th Ave SE from Pleasure Point Lane SE to Lake Washington Blvd SE



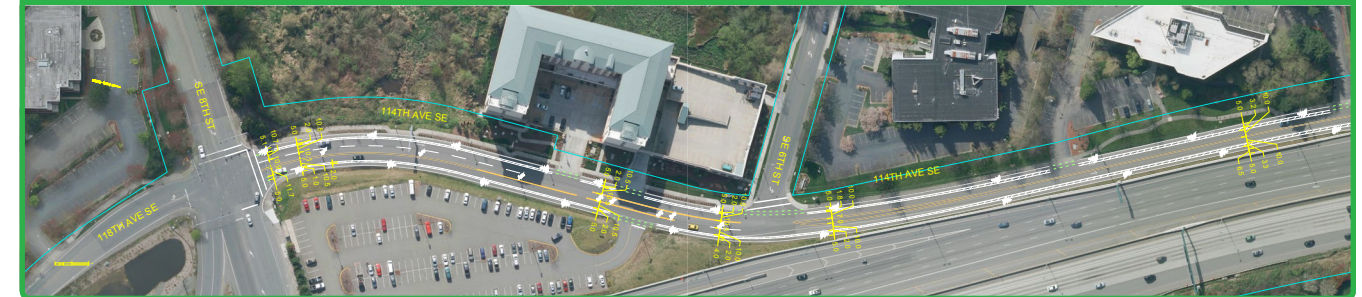
Lake Washington Blvd SE from 106th Ave SE to north of SE 50th PI



Lake Washington Blvd SE from north of SE 50th PI to Lake Washington Loop Trail

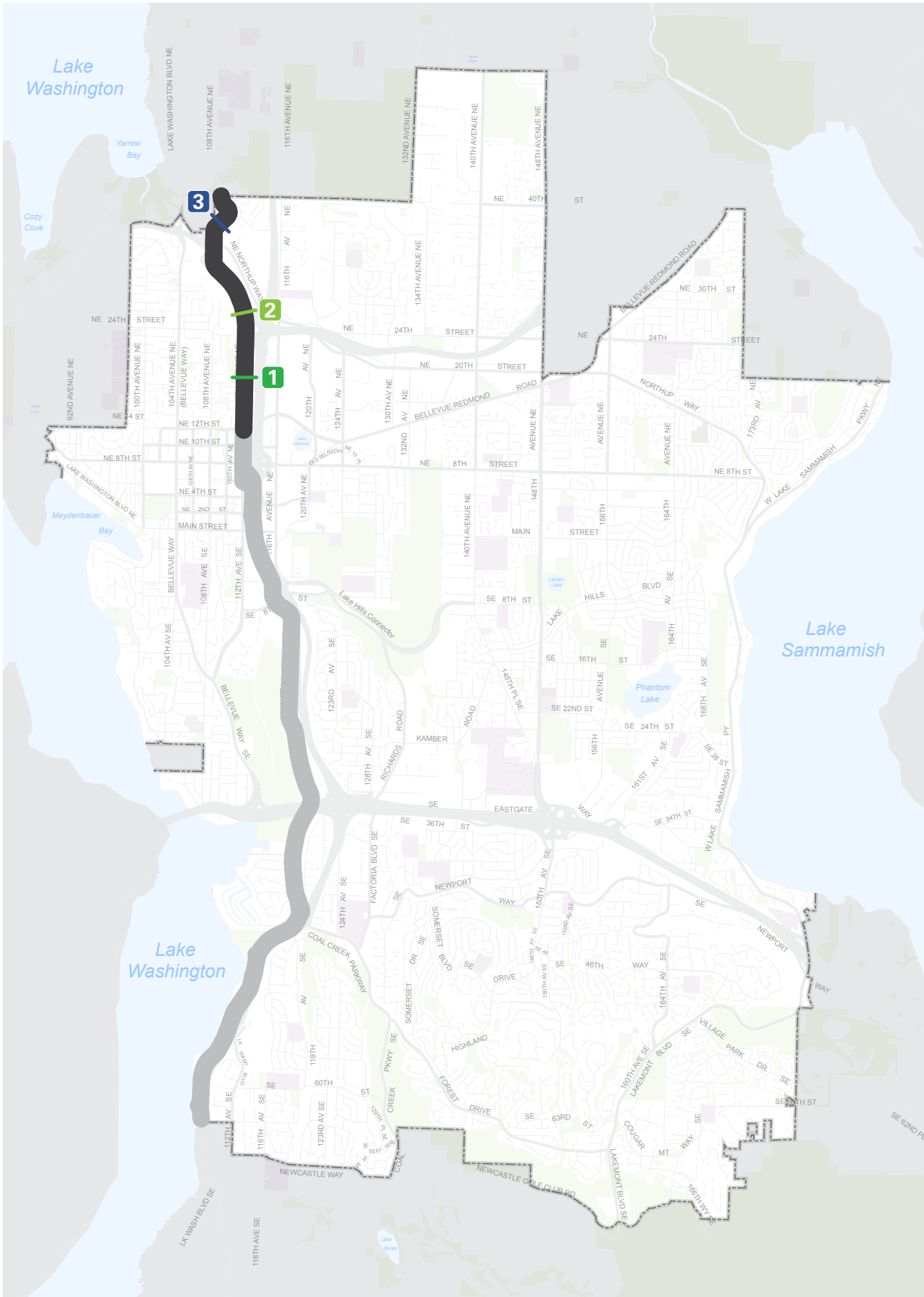


114th Ave SE from SE 8th St to Hilton Bellevue



114th Ave SE from Hilton Bellevue to north of Main St





CANDIDATE PROJECT PBC-2b: 112TH AVE NE, 108TH AVE NE

Bicycle Classification: Priority Bicycle Corridor

Street Classifications: Minor/Major Arterial

Traffic Volumes (AAWT):
8,900 (south of NE 24th St); 10,000 (south of SR-520);
12,500 (north of SR-520)

Posted Speed Limits:
30–35 MPH

Existing Bicycle Facilities:
Bike Lanes (both sides), Corp. Campus East to Northup Way; Bike Lane (one side), Northup Way to NE 38th Pl

Major Nearby Destinations:

Downtown Bellevue, Bellevue Montessori School, South Kirkland Park-and-Ride

Bicycle Network Connections:

NE 12th St (PBC), Northup Way, Eastside Rail Corridor (PBC)

Population (½-mile buffer):

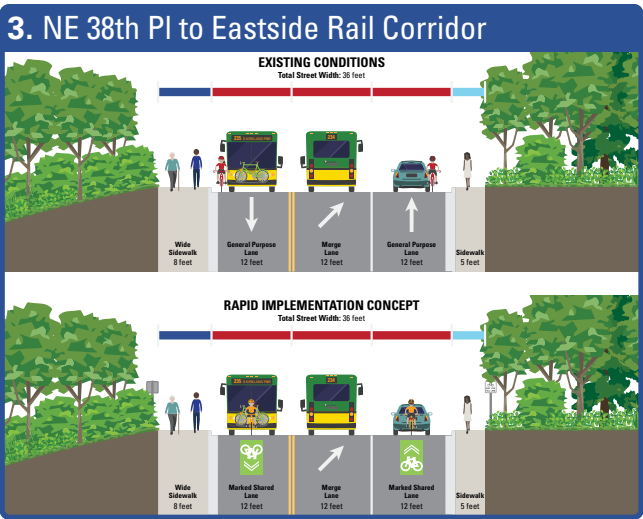
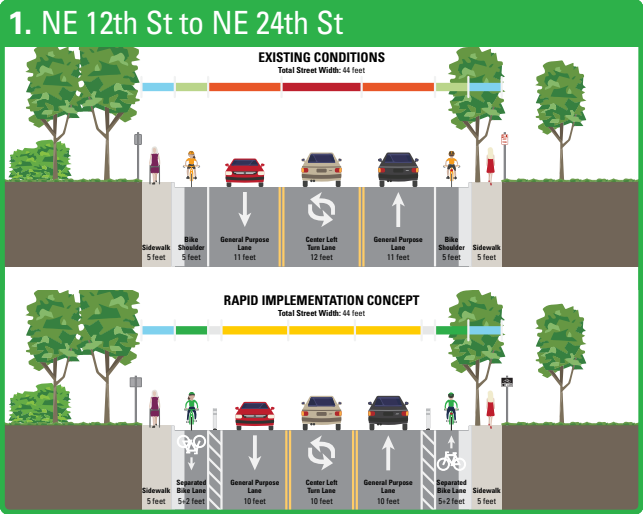
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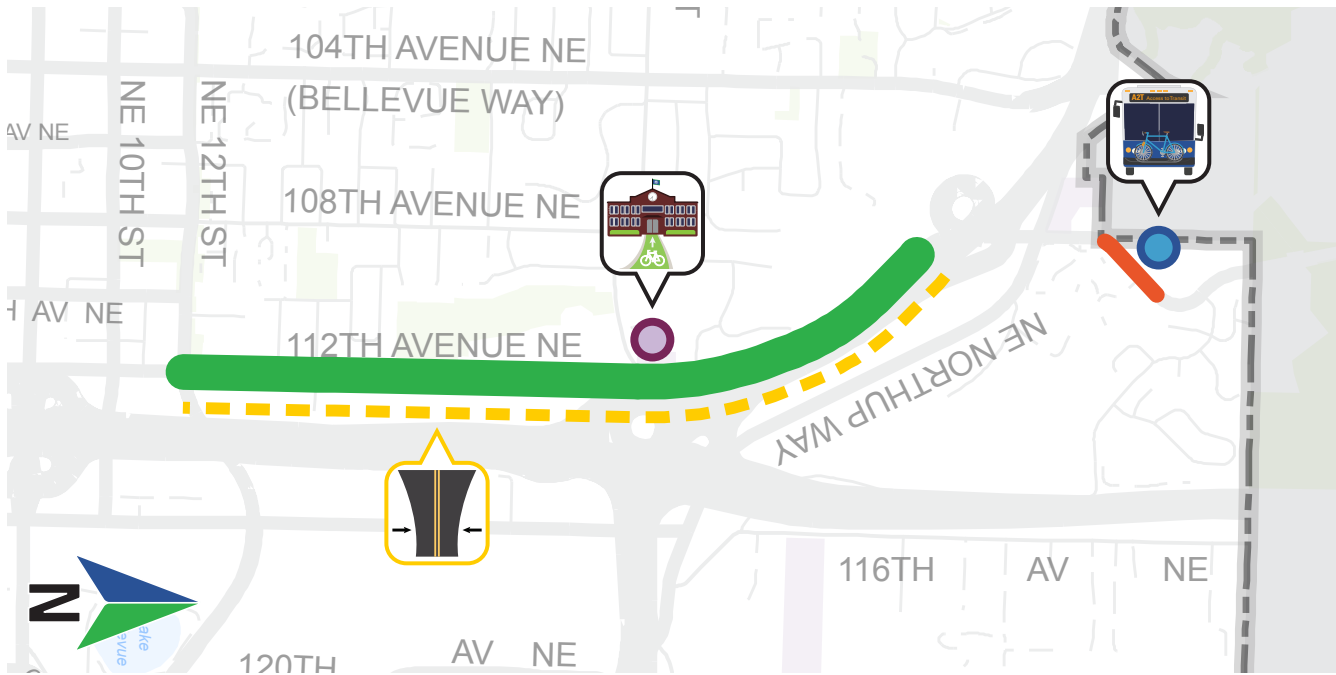
Employment (½-mile buffer):

Data forthcoming

2009 Plan Projects: B-101 (High), B-104 (High)

Typical Street Sections:





Issues:

Requires 10-foot Travel Lanes: 112th Ave NE from NE 12th St to SR-520 EB on-ramp

Opportunities:

Separated Bike Lanes (## miles): 112th Ave NE from NE 12th St to Corp. Campus East

On-Street Pedestrian Path (## miles): New pedestrian facilities from NE 24th St to 110th Ave NE trail

Green-Backed Sharrows (## miles): 108th Ave NE from NE 37th St to Eastside Rail Corridor

Access to Transit: Bicycle connection to South Kirkland P&R

Safe Routes to School: Bicycle connection to Bellevue Montessori School

Cost Estimates:

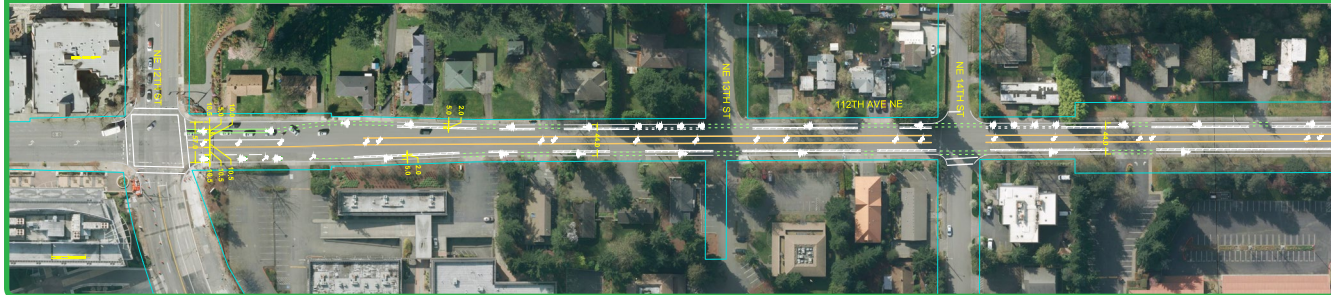
Capital: Forthcoming

O&M: Forthcoming

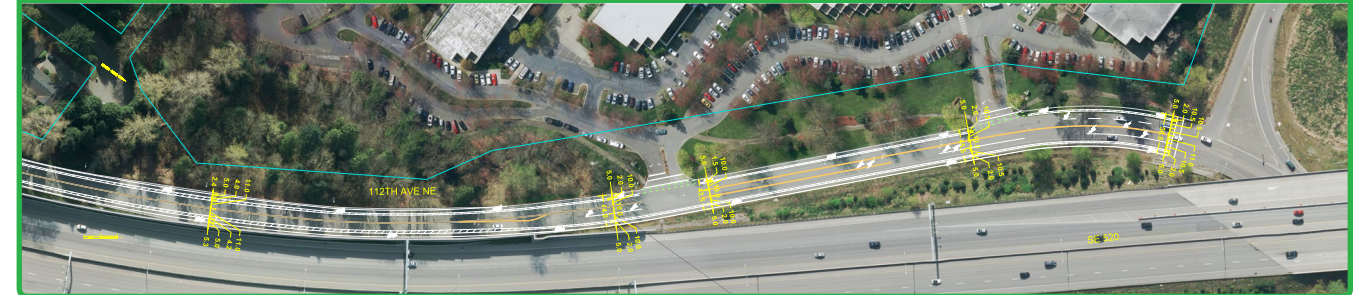
Conceptual Layouts:

Note: All dimensions are approximate pending field verification

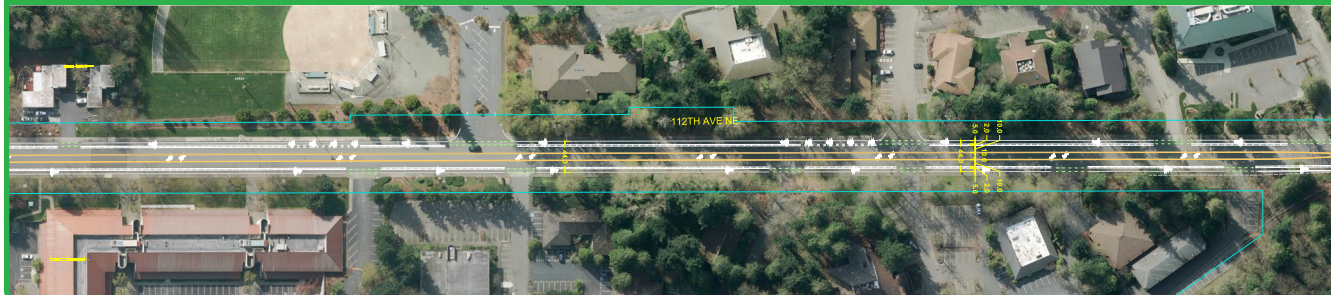
112th Ave NE from NE 12th St to Hidden Valley Sports Park



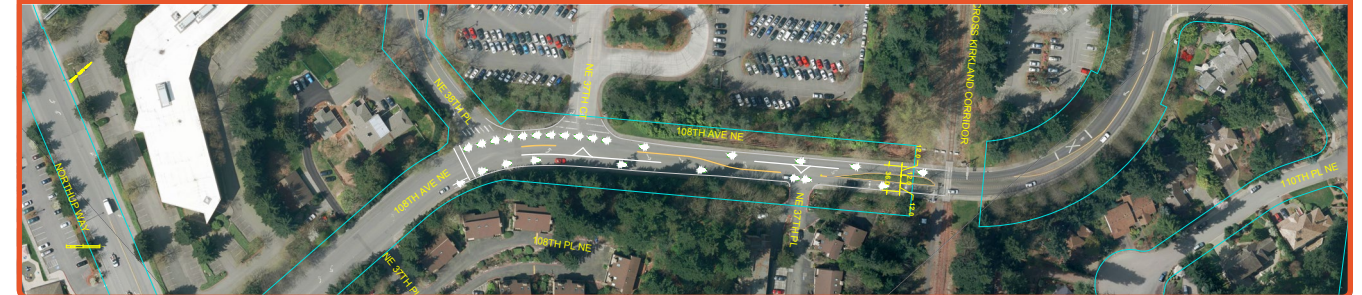
112th Ave NE from 110th Ave NE to SR-520 EB on-ramp



112th Ave NE from Hidden Valley Sports Park to south of NE 24th St

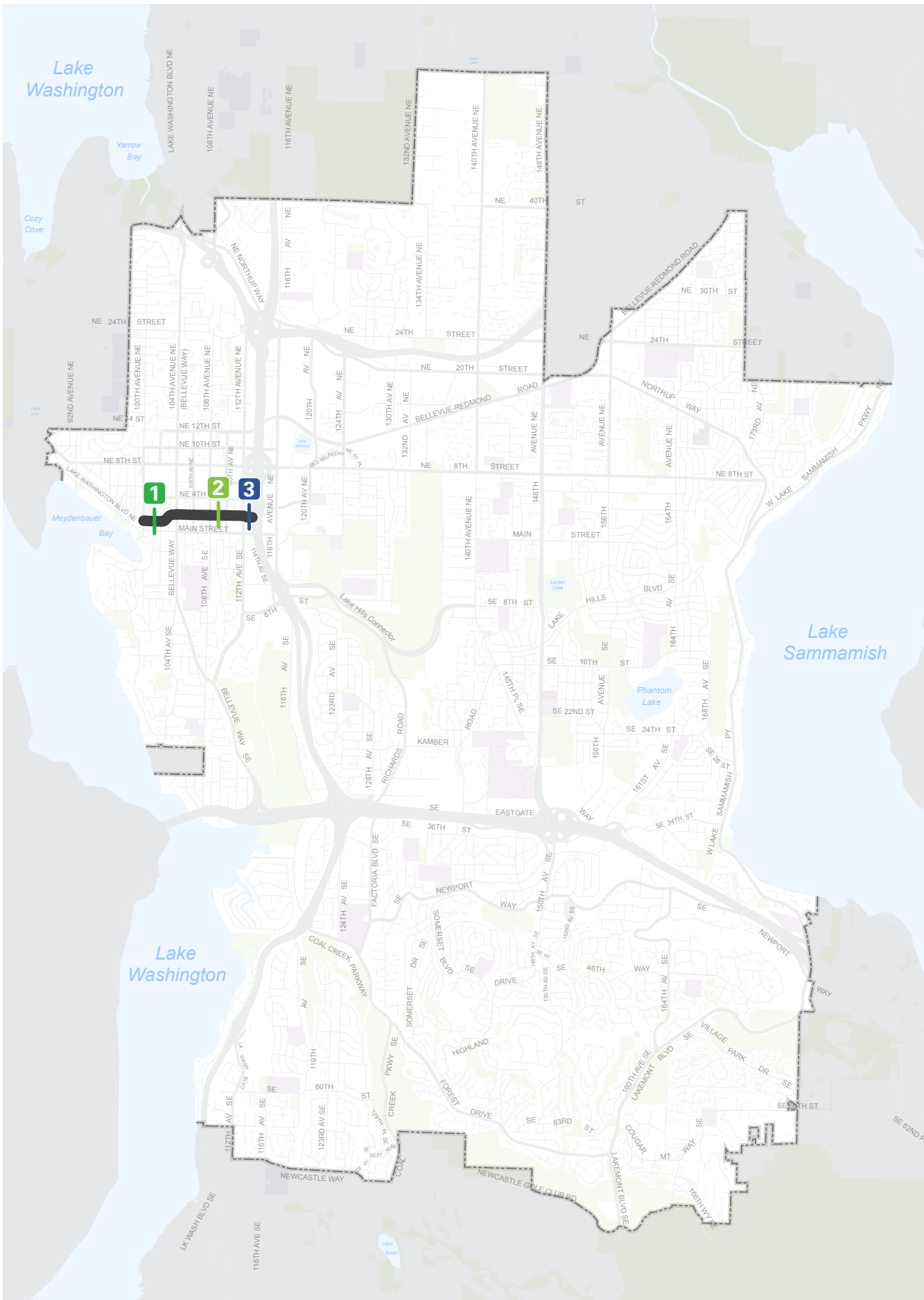


108th Ave NE from NE 37th St to Eastside Rail Corridor



112th Ave NE from south of NE 24th St to 110th Ave NE





CANDIDATE PROJECT BN-24: NE 1ST ST, NE 2ND ST

Bicycle Classification: Bicycle Network

Street Classifications: Collector Arterial/Minor Arterial

Traffic Volumes (AAWT):

5,200 (east of 102nd Ave NE); 8,100 (east of Bellevue Way NE); 7,300 (east of 108th Ave NE)

Posted Speed Limits:

25 MPH (west of Bellevue Way NE)
30 MPH (east of Bellevue Way NE)

Existing Bicycle Facilities:

Wide Lane/Shared Shoulder: 100th Ave NE to 102nd Ave NE, 106th Ave NE to 112th Ave NE

Major Nearby Destinations:

Downtown Park

Bicycle Network Connections:

100th Ave NE, 106th Ave NE, 108th Ave NE (PBC), 114th Ave NE (PBC)

Population (½-mile buffer):

14,668 residents

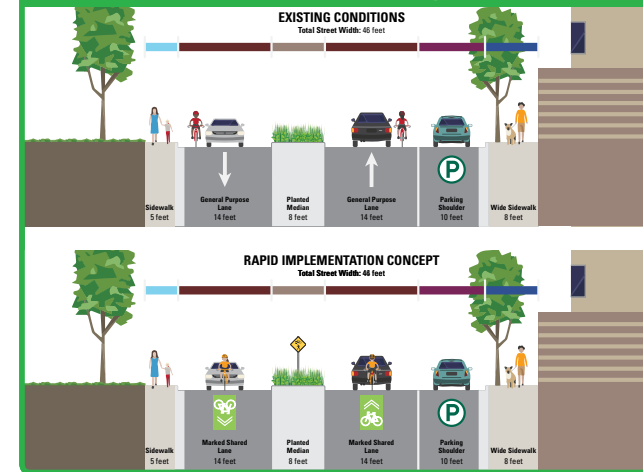
Employment (½-mile buffer):

47,941 jobs

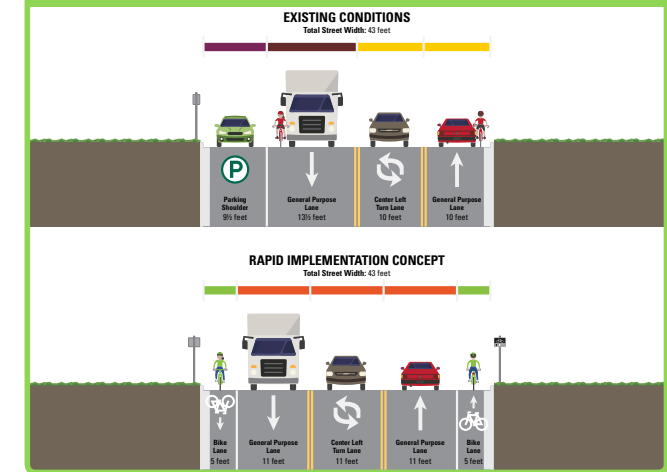
2009 Plan Projects: B-401 (Medium)

Typical Street Sections:

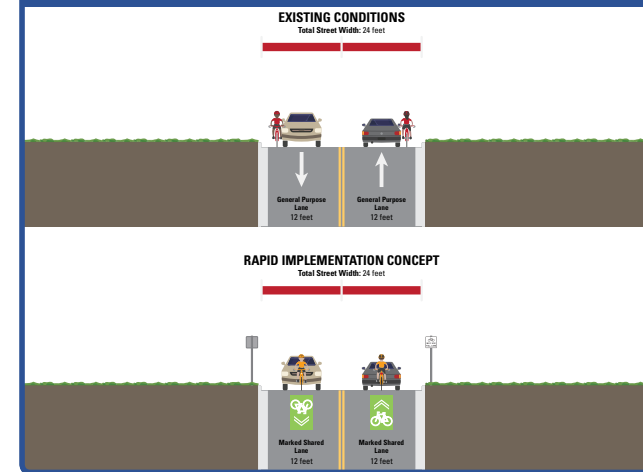
1. 100th Ave NE to Bellevue Way NE

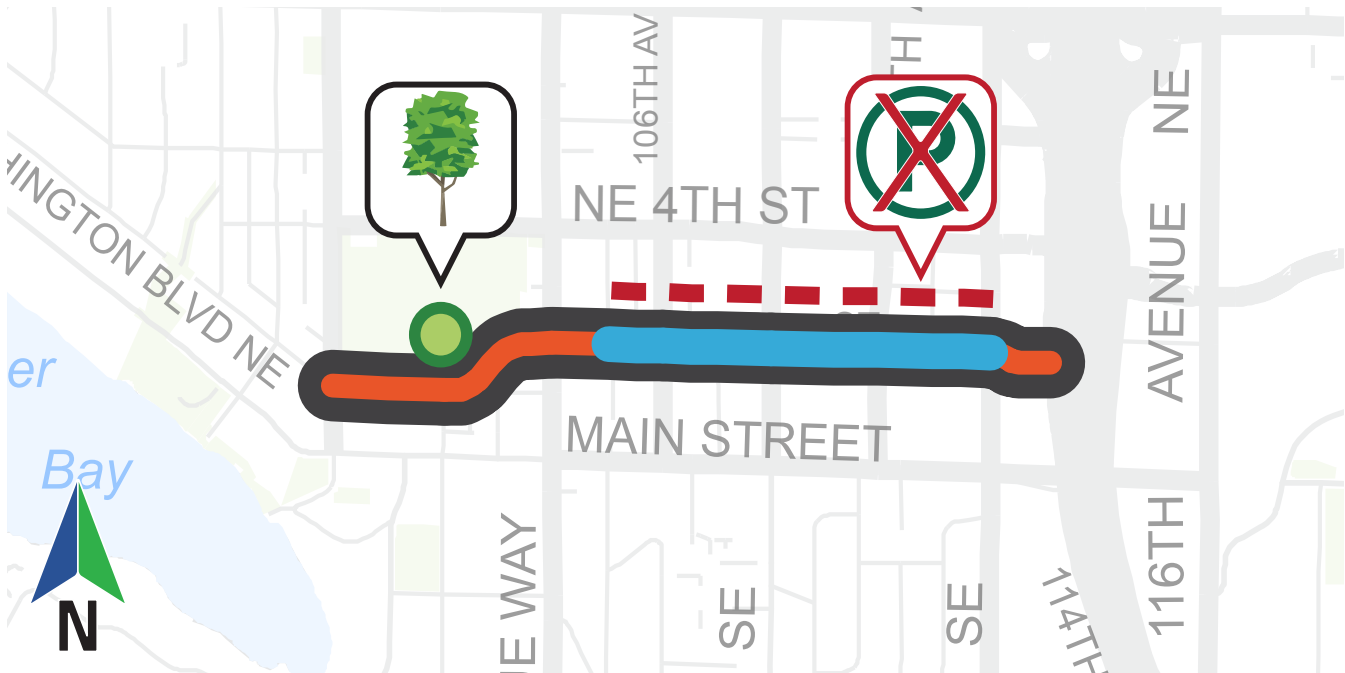


2. 106th Ave NE to 112th Ave NE



3. 112th Ave NE to 114th Ave NE





Issues:

 Parking Removal Required (est. ## spaces): NE 2nd St from 105th Ave NE to 112th Ave NE

Opportunities:

Green-Backed Sharrows (## miles): NE 1st St from 100th Ave NE to 105th Ave NE

Conventional Bike Lanes (## miles): NE 2nd St from 105th Ave NE to 112th Ave NE

Green-Backed Sharrows (## miles): NE 2nd St from 112th Ave NE to 114th Ave NE

 Access to Parks: Bicycle connection to Downtown Park

Cost Estimates:

Capital: Forthcoming

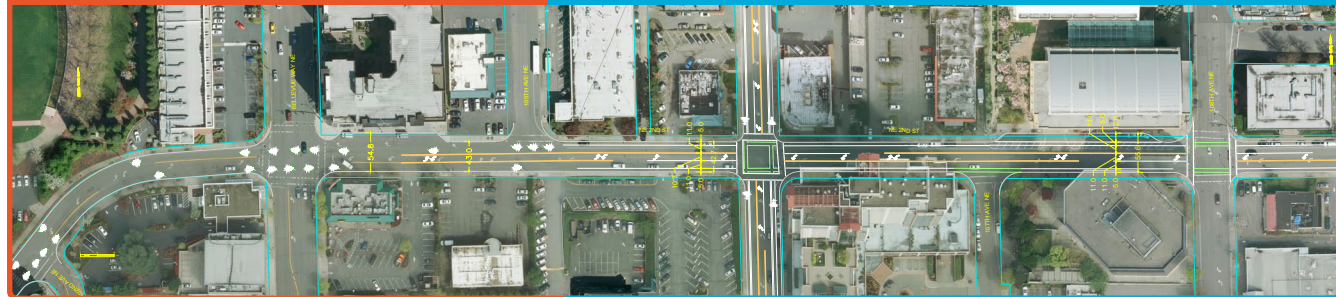
O&M: Forthcoming

Conceptual Layouts:

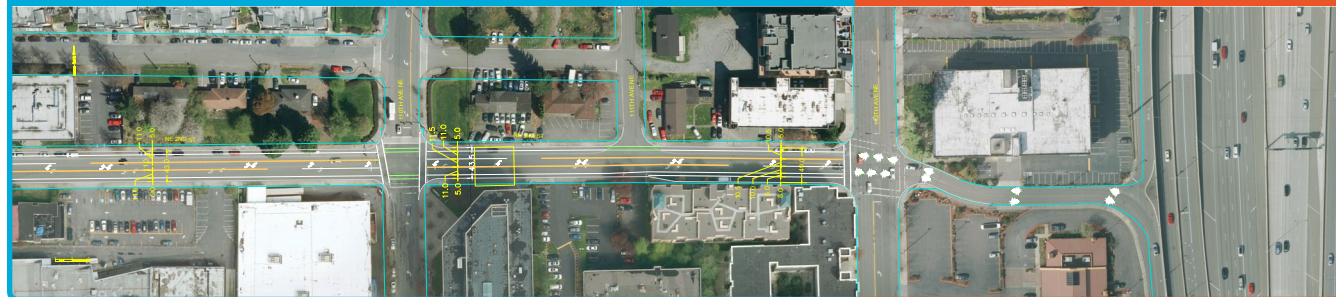
NE 1st St from 100th Ave NE to Bellevue Way NE



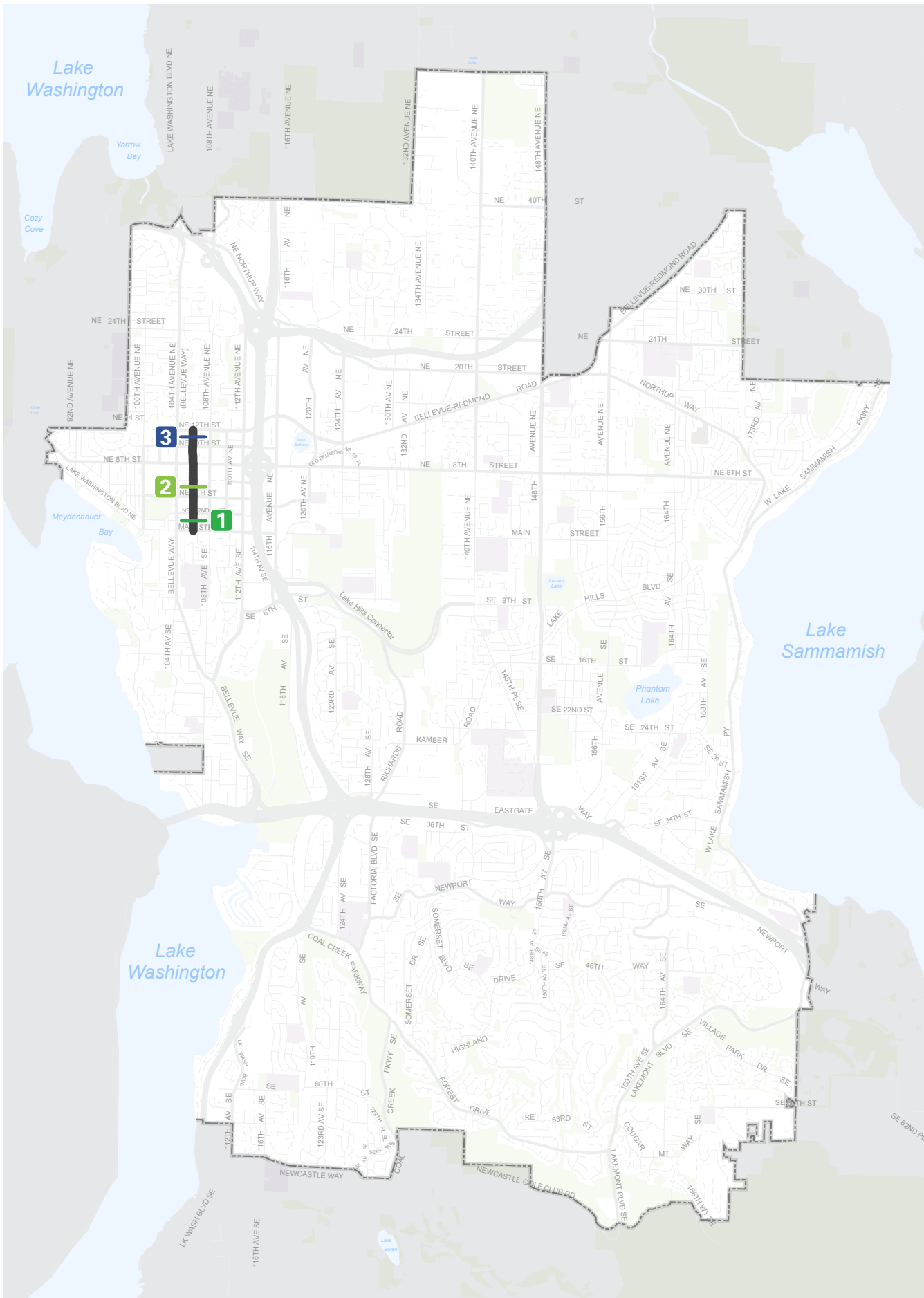
NE 2nd St from Bellevue Way NE to 108th Ave NE



NE 2nd St from 108th Ave NE to 114th Ave NE



Note: All dimensions are approximate pending field verification



CANDIDATE PROJECT BN-2: 106TH AVE NE

Bicycle Classification: Bicycle Network

Street Classifications: Minor Arterial

Traffic Volumes (AAWT):

5,700 (south of NE 4th St); 8,900 (south of NE 8th St);
5,700 (south of NE 12th St)

Posted Speed Limits:

30 MPH

Existing Bicycle Facilities:

Wide Lane/Shared Shoulder: Main St to NE 4th St

Major Nearby Destinations:

Downtown Pedestrian Corridor, Robert E. McCormick Park

Bicycle Network Connections:

100th Ave NE, 106th Ave NE, 108th Ave NE (PBC),
114th Ave NE (PBC)

Population (½-mile buffer):

19,300 residents

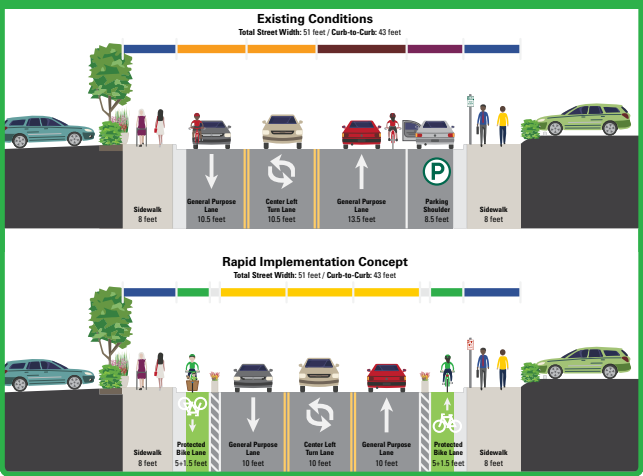
Employment (½-mile buffer):

45,396 jobs

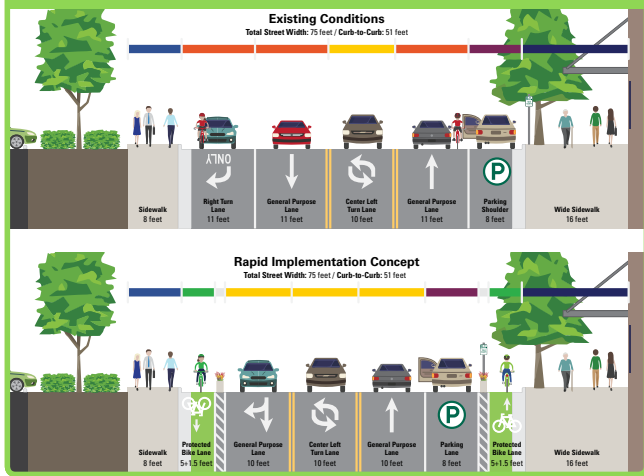
2009 Plan Projects: None

Typical Street Sections:

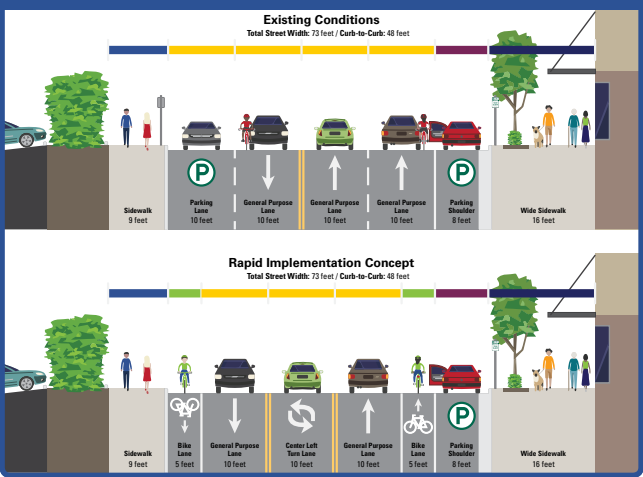
1. Main St to NE 4th St

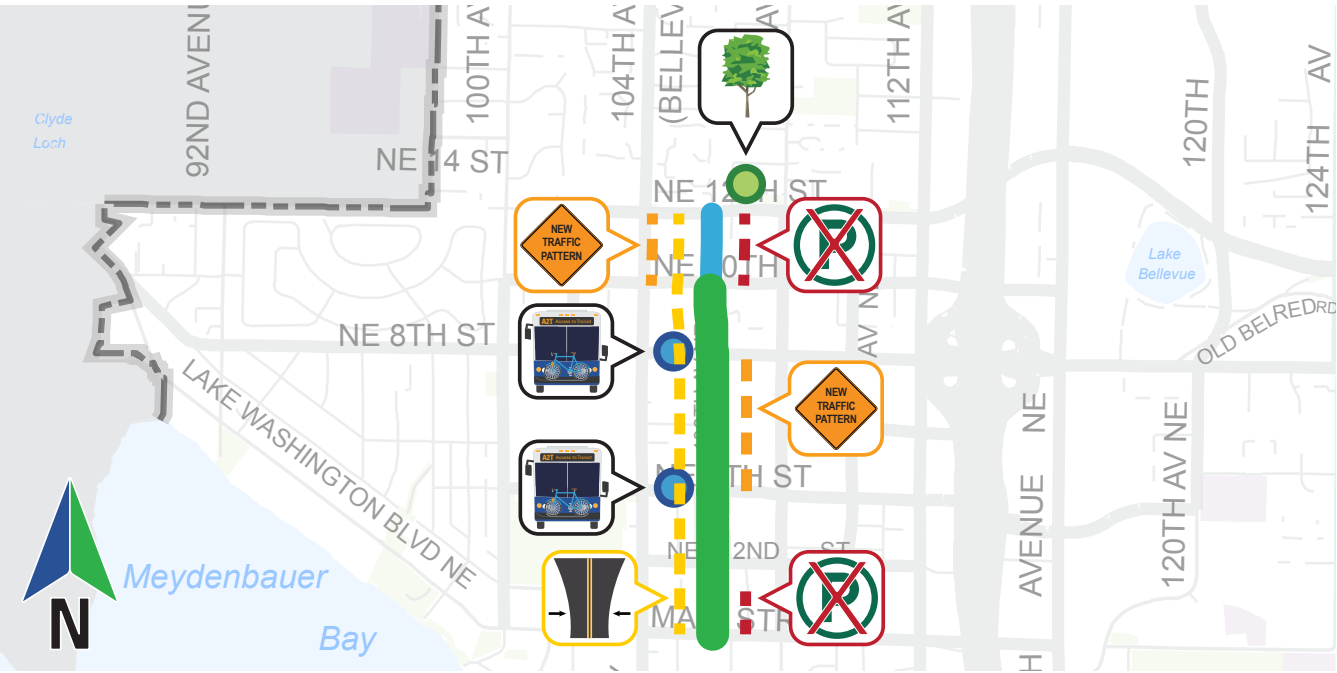


2. NE 4th St to NE 8th St



3. NE 10th St to NE 12th St





Issues:

- Requires 10-foot Travel Lanes:** 106th Ave NE from Main St to NE 12th St
- Parking Removal Required (est. ## spaces):** 106th Ave NE from Main St to NE 1st St
- Parking Removal Required (est. ## spaces):** 106th Ave NE from NE 10th St to NE 12th St (one side only)
- Lane Reconfiguration:** 4 GP lanes reconfigured to 2 GP + two-way left turn lane, NE 10th St to NE 12th St
- Lane Reconfiguration:** Right-turn lanes consolidated into thru lanes at NE 4th (SB) and NE 8th St (NB)

Opportunities:

- Separated Bike Lanes (## miles):** 106th Ave NE from Main St to NE 10th St
- Conventional Bike Lanes (## miles):** 106th Ave NE from NE 10th St to NE 12th St
- Access to Transit:** Bicycle connections to Route 550 on NE 4th St and Route 271 on NE 8th St
- Access to Parks:** Bicycle connection to Robert E. McCormick Park

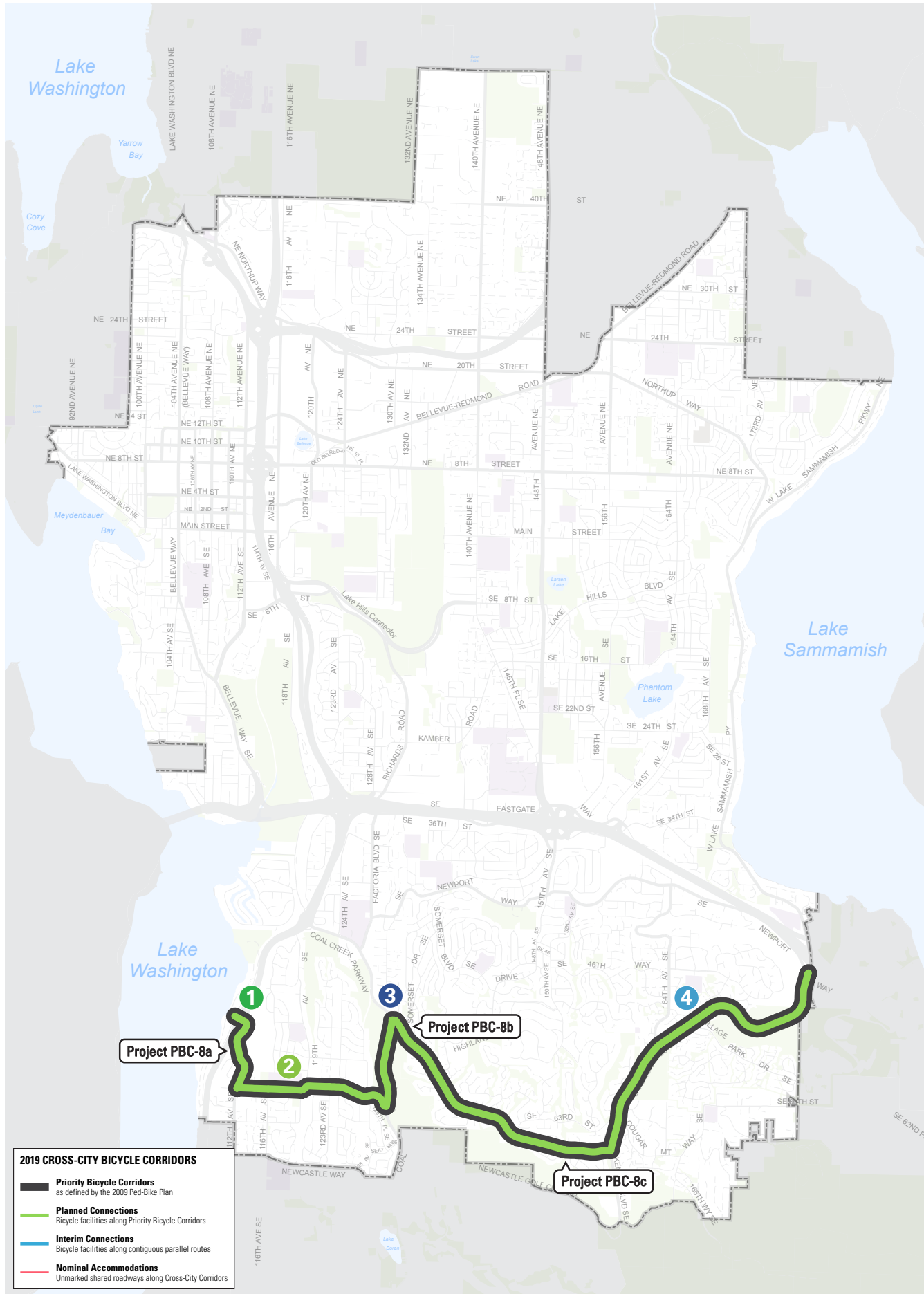
Cost Estimates:

Capital: Forthcoming | O&M: Forthcoming

Conceptual Layouts:

Note: All dimensions are approximate pending field verification





» PRIORITY BICYCLE CORRIDOR EW-5: COAL CREEK - COUGAR MOUNTAIN CONNECTION

Bicycle Classification: Priority Bicycle Corridor

Street Classifications: Local–Major Arterial

Traffic Volumes (AAWT):

4,900–9,900 west of Coal Creek Pkwy

3,100–27,900 from Coal Creek Pkwy to east city limits

Posted Speed Limits:

25–30 MPH on Local–Minor Arterials

40 MPH on Major Arterials

Existing Bicycle Facilities:

Conventional Bike Lanes along portions of Lake Washington Blvd SE, SE 60th St, SE Coal Creek Pkwy, Forest Dr SE, Lakemont Blvd SE

Major Destinations:

Newport Hills Park-and-Ride, Olde Middle School, Ringdall Jr. High School, Lewis Creek Park, Lakemont Community Park

Bicycle Network Connections:

I-90 Trail (PBC), Factoria Trail, Richards Rd, 139th Ave SE, 156th Ave SE, 161st Ave SE (PBC)

Population & Employment (½-mile buffer):

18,955 residents and 1,034 jobs

2009 Plan Projects: B-153 (Med), B-157 (Med),

B-158 (Med), B-218 (High), and O-139 (Med)

1. Newport Hills Park-and-Ride



2. Olde Middle School & Ringdall Jr. High School

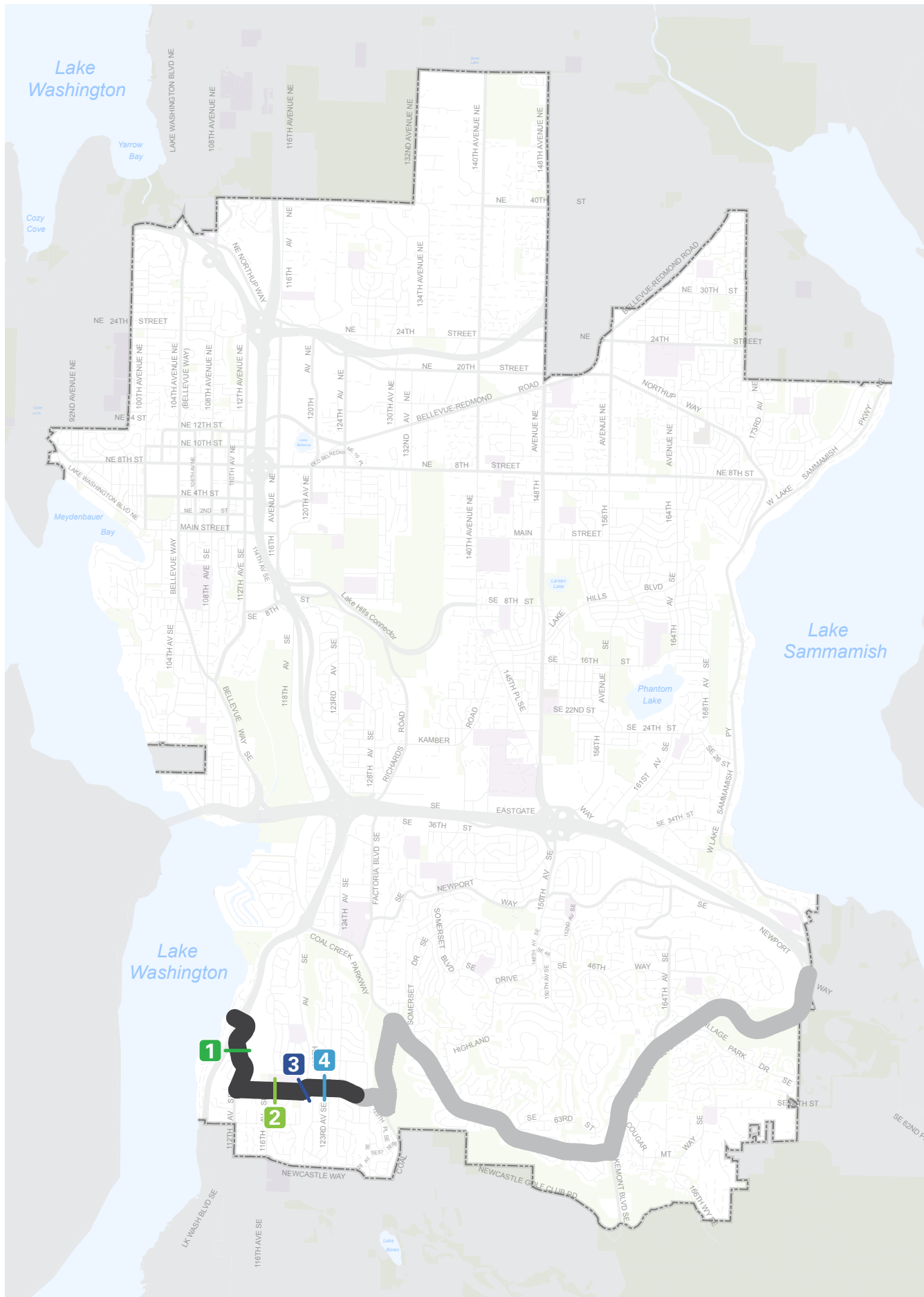


3. Forest Drive at Coal Creek Parkway



4. Lakemont Boulevard





CANDIDATE PROJECT PBC-8a: LAKE WASHINGTON BLVD SE, SE 60TH ST

Bicycle Classification: Priority Bicycle Corridor

Street Classifications: Local–Minor Arterial

Traffic Volumes (AAWT):

9,900 (Lake Washington Blvd SE);

4,900–5,300 (SE 60th St)

Posted Speed Limits:

30 MPH (Newport Hills Park-and-Ride to 120th Ave SE)

25 MPH (west of P&R and east of 120th Ave SE)

Existing Bicycle Facilities:

Conventional Bike Lanes: Newport Hills Park-and-Ride to 120th Ave SE; Bike Shoulder(s) east of 123rd Ave SE

Major Nearby Destinations:

Newport Hills Park-and-Ride, Olde Middle School, Ringdall Jr. High School, Newport Hills Park

Bicycle Network Connections:

Lake Washington Loop (PBC), 116th Ave SE, 119th Ave SE

Population (½-mile network buffer):

Data forthcoming

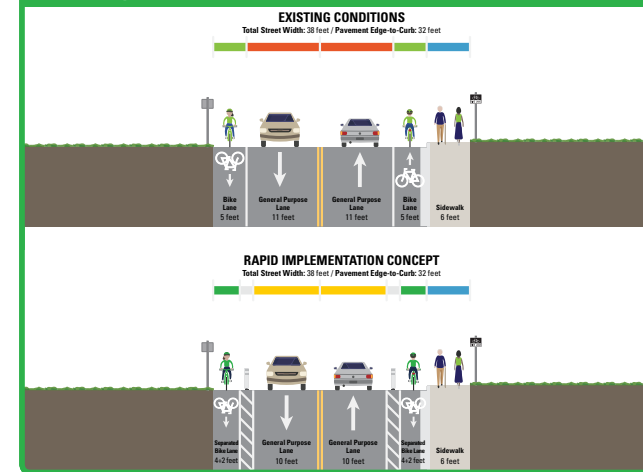
Employment (½-mile buffer):

Data forthcoming

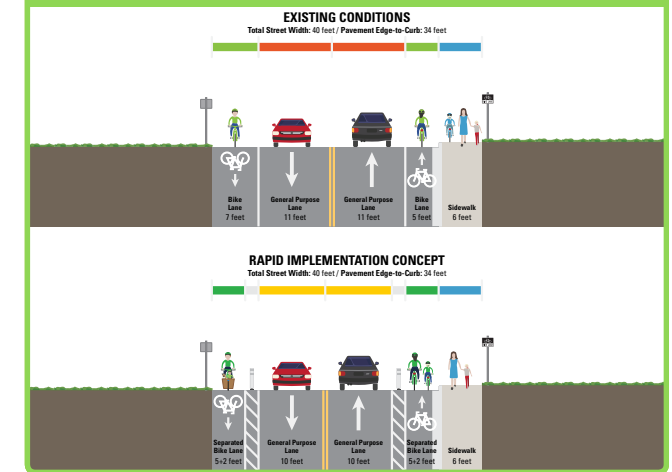
2009 Plan Projects: B-153 (Med), B-157 (Med)

Typical Street Sections:

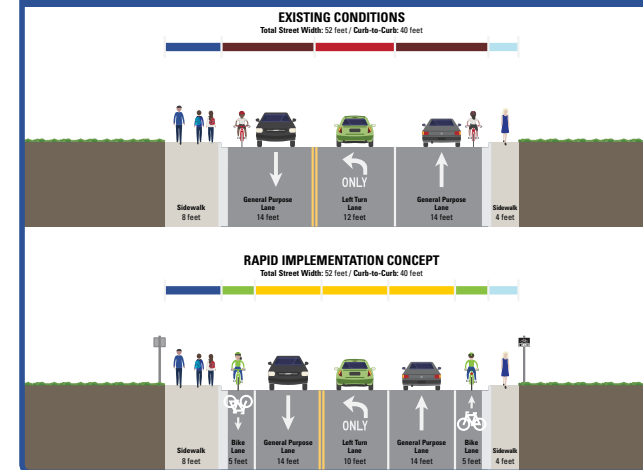
1. Newport Hills Park-and-Ride to SE 60th St



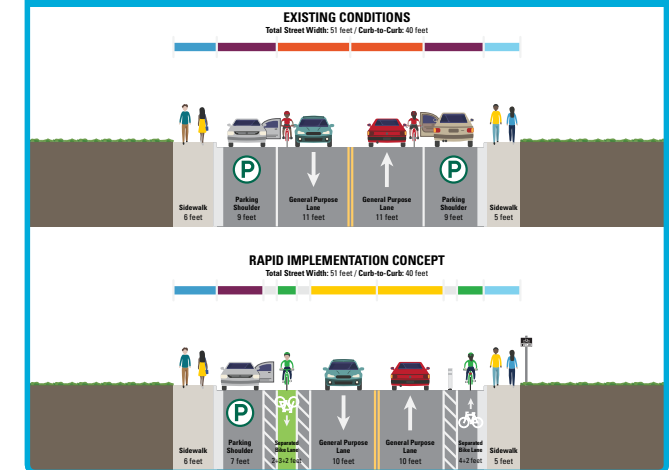
2. 116th Ave SE to 120th Ave SE

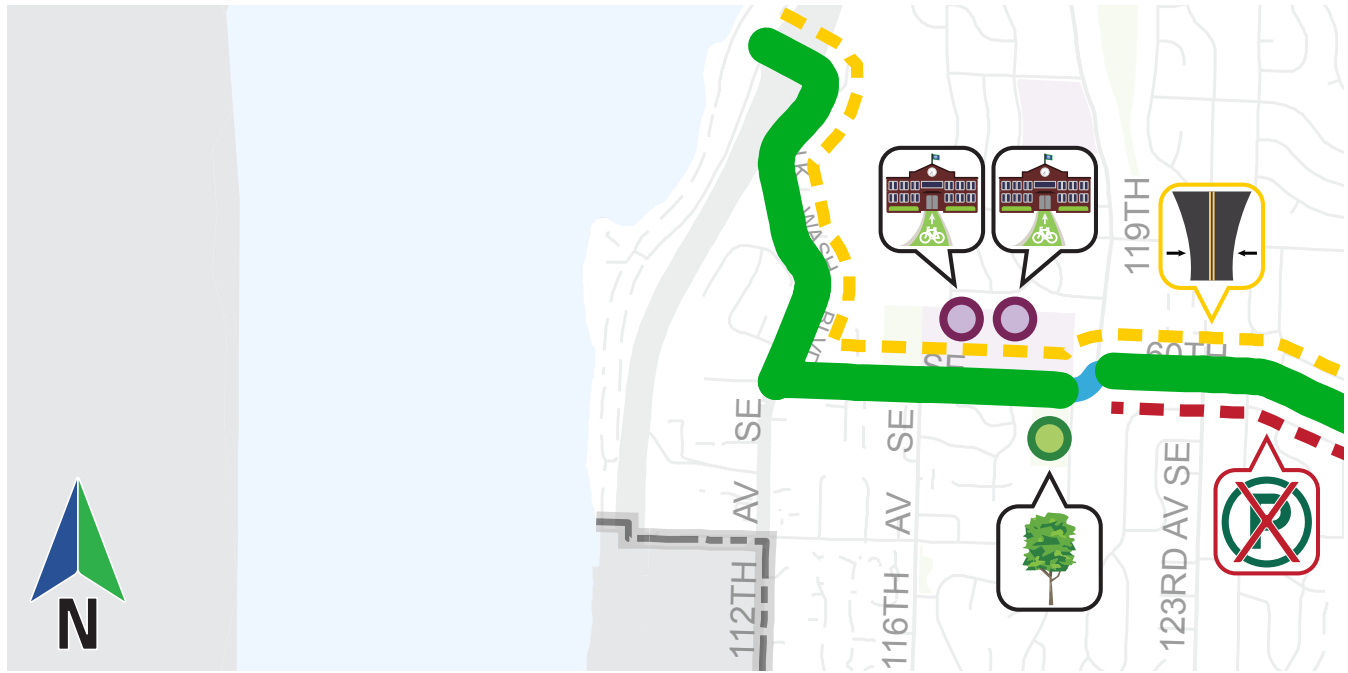


3. 120th Ave SE to 119th Ave SE



4. 119th Ave SE to 123rd Ave SE





Issues:

- Requires 10-foot Travel Lanes:** Lake Washington Blvd SE and SE 60th St from 106th Ave SE to 126th Ave SE
- Parking Removal Required (est. ## spaces):** SE 60th St from 119th Ave SE to 126th Ave SE

Opportunities:

- Separated Bike Lanes (## miles):** Lake Washington Blvd SE and SE 60th St from 106th Ave SE to 120th Ave SE
- Conventional Bike Lanes (## miles):** SE 60th St from 120th Ave SE to 119th Ave SE
- Separated Bike Lanes (## miles):** SE 60th St from 119th Ave SE to 126th Ave SE
- Safe Routes to School:** Bicycle connections to Olde Middle School and Ringdall Jr. High School
- Access to Parks:** Bicycle connection to Newport Hills Park

Cost Estimates:

- Capital:** Forthcoming
- O&M:** Forthcoming

Conceptual Layouts:

Note: All dimensions are approximate pending field verification

Lake Washington Blvd SE from 106th Ave SE to 113th PI SE



Lake Washington Blvd SE from 113th PI SE to north of SE 59th St



Lake Washington Blvd SE from north of SE 59th St to SE 60th St



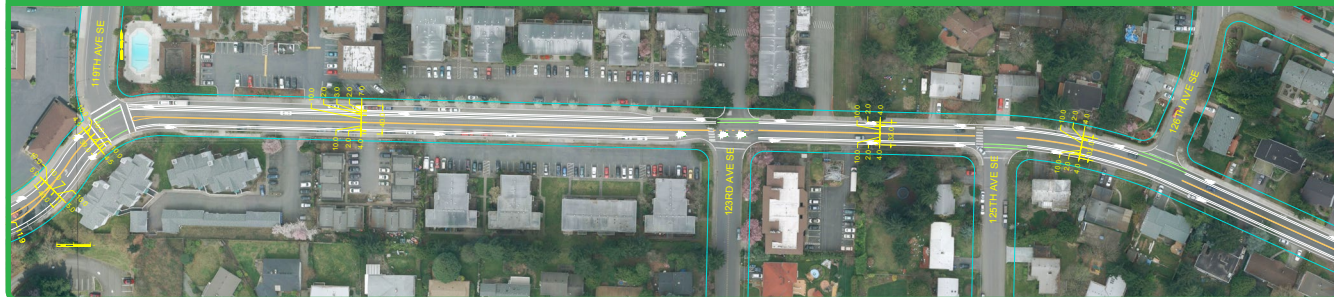
SE 60th St from Lake Washington Blvd SE to 116th Ave SE

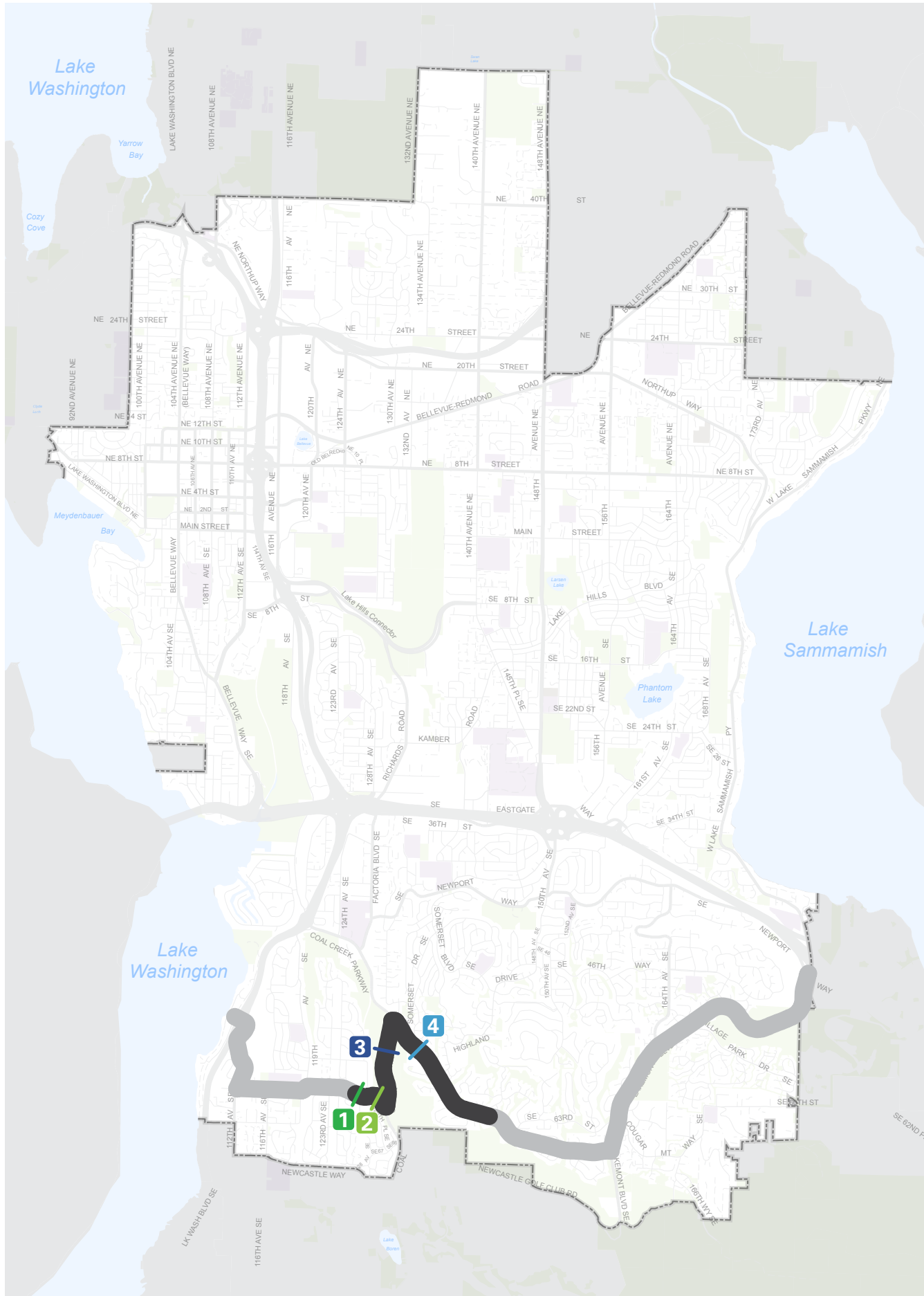


SE 60th St from 116th Ave SE to 119th Ave SE



SE 60th St from 119th Ave SE to 126th Ave SE





CANDIDATE PROJECT PBC-8b: SE 60TH ST, COAL CREEK PKWY SE, FOREST DR SE

Bicycle Classification: Priority Bicycle Corridor

Street Classifications: Collector Arterial–Major Arterial

Traffic Volumes (AAWT):

4,900–5,300 (SE 60th St); 27,900 (Coal Creek Pkwy SE);
9,000 (Forest Dr SE)

Posted Speed Limits:

25 MPH (SE 60th St); 40 MPH (Coal Creek Pkwy SE);
30 MPH (Forest Dr SE)

Existing Bicycle Facilities:

Bike Lane, One Side (SE 60th St east of 126th Ave SE)
Bike Lanes, Both Sides (Coal Creek Pkwy SE, Forest Dr SE)

Major Nearby Destinations:

Coal Creek Trail

Bicycle Network Connections:

Coal Creek Pkwy SE, Highland Dr (PBC)

Population (½-mile buffer):

Data forthcoming

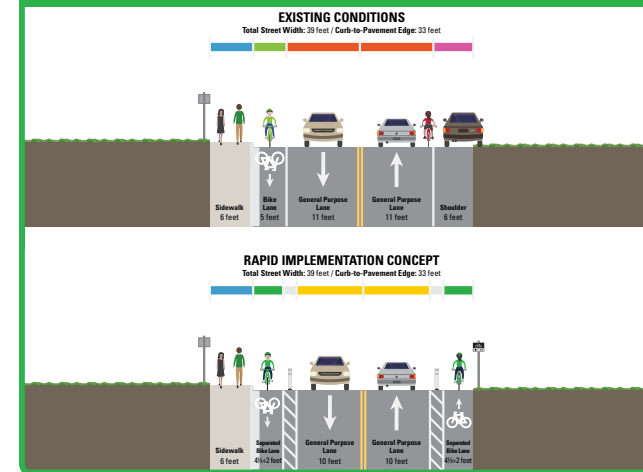
Employment (½-mile buffer):

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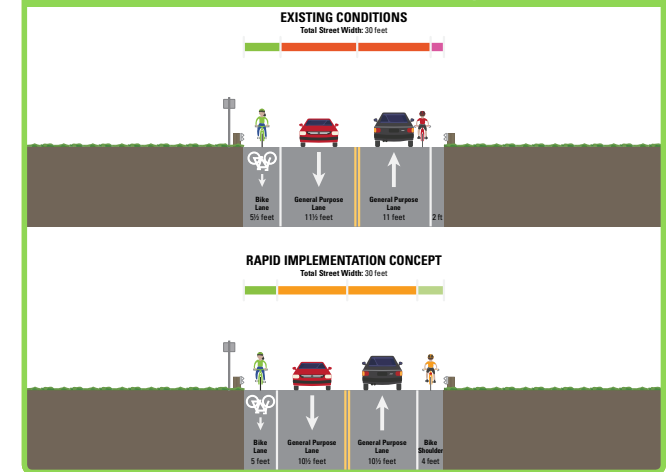
2009 Plan Projects: B-157 (Med), O-139 (Med)

Typical Street Sections:

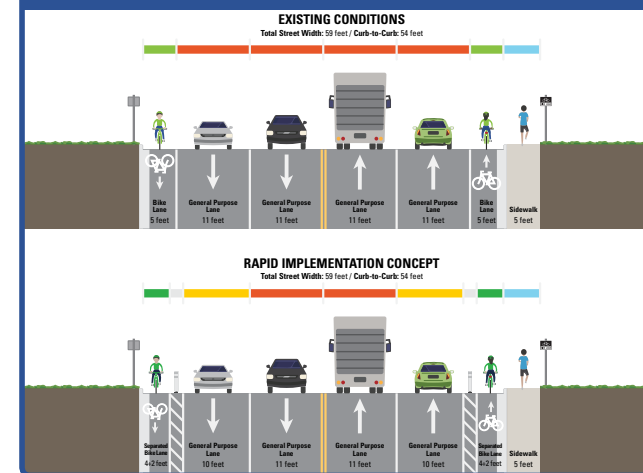
1. 126th Ave SE to 129th Ave SE



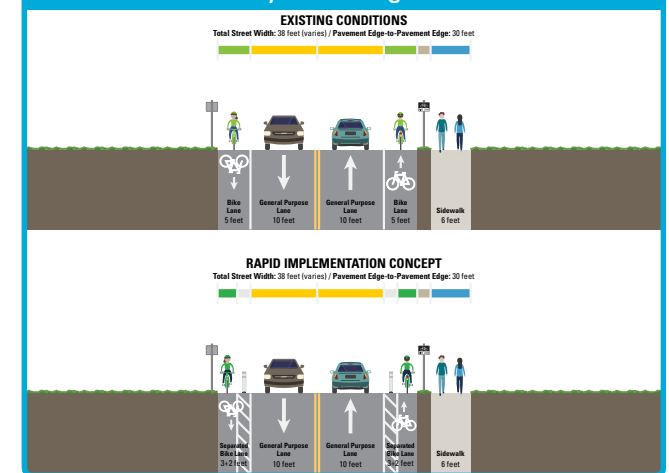
2. 129th Ave SE to Coal Creek Pkwy SE

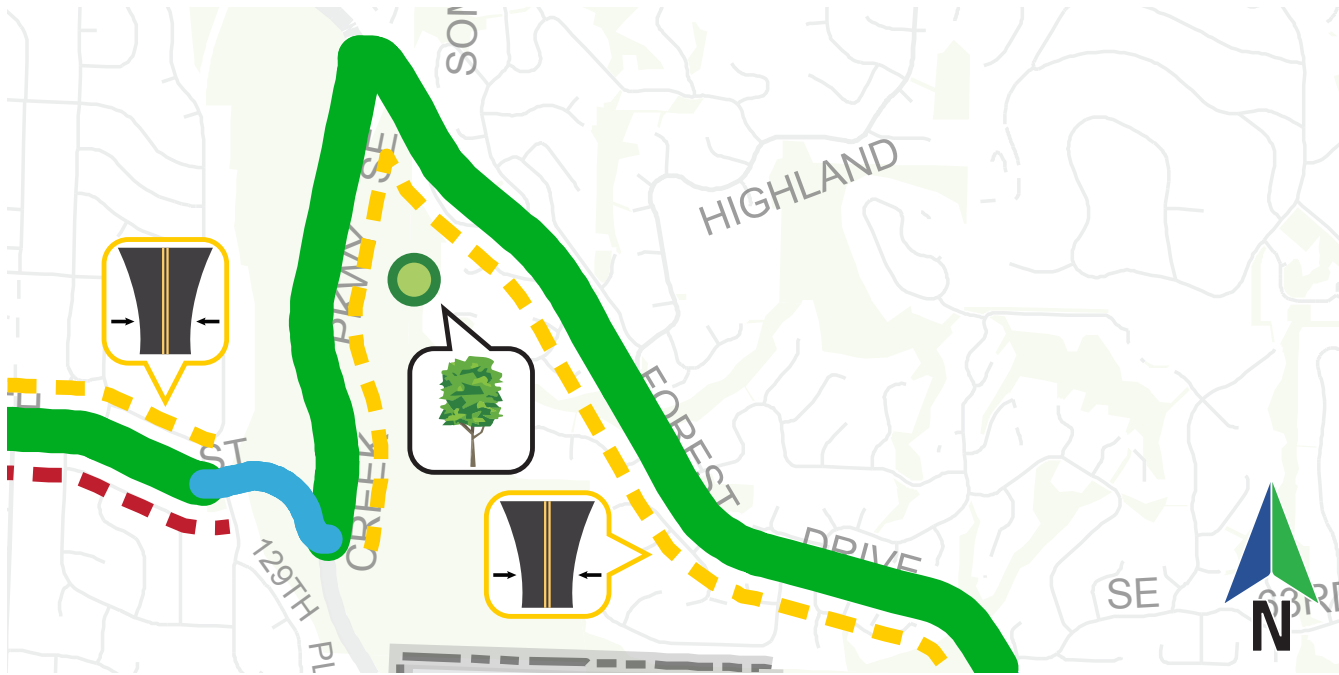


3. SE 60th St to Forest Dr SE



4. Coal Creek Pkwy SE to Highland Dr





Issues:

- Requires 10-foot Travel Lanes:** SE 60th St from 126th Ave SE to 129th Ave SE
- Requires 10-foot Travel Lanes:** Coal Creek Pkwy SE and Forest Dr SE from SE 60th St to SE 63rd St
- Parking Removal Required (est. ## spaces):** SE 60th St from 126th Ave SE to 129th Ave SE

Opportunities:

- Separated Bike Lanes (## miles):** SE 60th St from 126th Ave SE to 129th Ave SE
- Conventional Bike Lanes (## miles):** 129th Ave SE to Coal Creek Pkwy SE
- Separated Bike Lanes (## miles):** Coal Creek Pkwy SE and Forest Dr SE from SE 60th St to east of 142nd Ave SE
- Access to Parks:** Bicycle connection to Coal Creek Trail

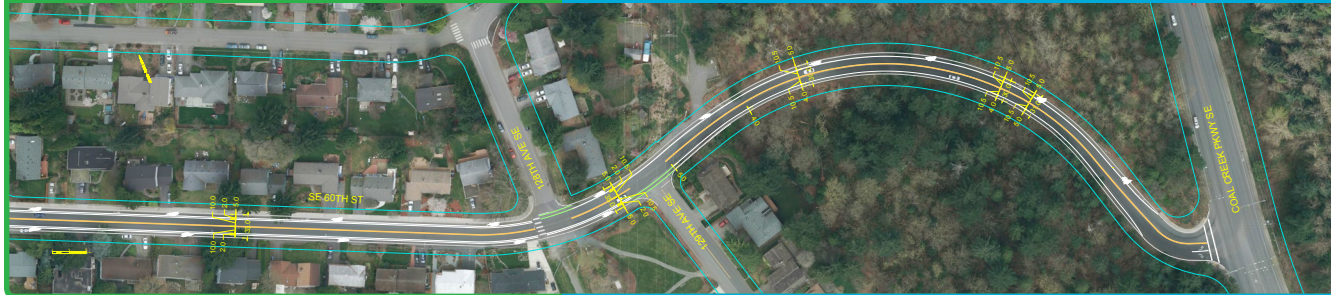
Cost Estimates:

- Capital:** Forthcoming
- O&M:** Forthcoming

Conceptual Layouts:

Note: All dimensions are approximate pending field verification

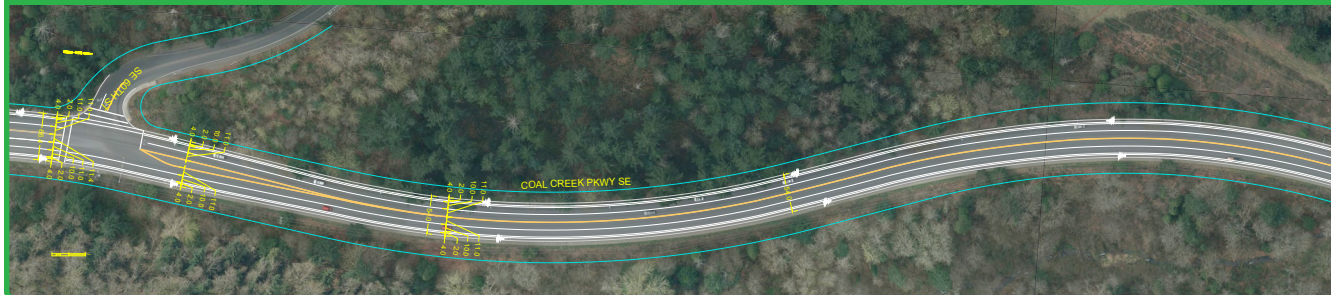
SE 60th St from 126th Ave SE to Coal Creek Pkwy SE



Forest Dr SE from Coal Creek Pkwy SE to Somerset Dr SE



Coal Creek Pkwy SE from SE 60th St to south of Forest Dr SE



Forest Dr SE from Somerset Dr SE to SE 59th St

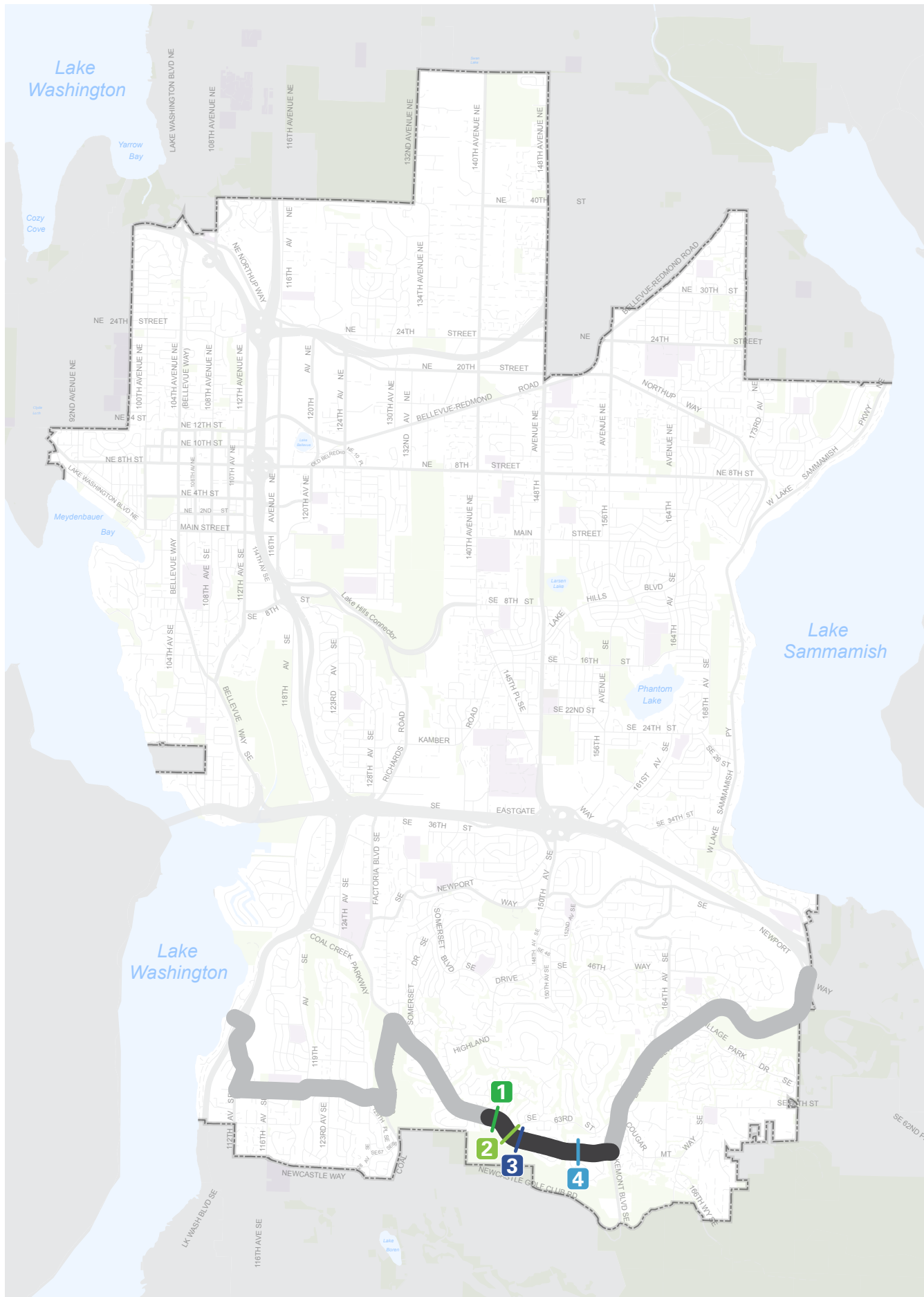


Coal Creek Pkwy SE from north of SE 60th St to Forest Dr SE



Forest Dr SE from SE 59th St to east of 142nd Ave SE





CANDIDATE PROJECT PBC-8c: FOREST DR SE

Bicycle Classification: Priority Bicycle Corridor

Street Classifications: Minor Arterial

Traffic Volumes (AAWT):

3,100 (west of Lakemont Blvd SE) to 8,600 (east of Highland Dr)

Posted Speed Limits:

30 MPH Forest Dr SE

Existing Bicycle Facilities:

Conventional Bike Lanes (west of SE 63rd St);

Bike Shoulders (152nd Ave SE to Lakemont Blvd SE)

Bicycle Network Connections:

Coal Creek Pkwy SE, Highland Dr (PBC)

Population (½-mile buffer):

Data forthcoming

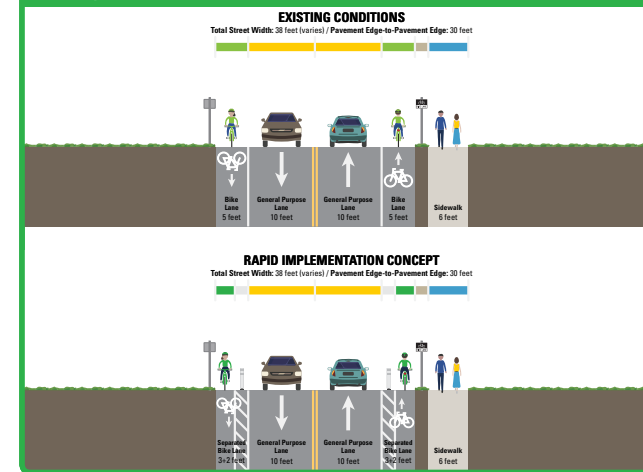
Employment (½-mile buffer):

Data forthcoming

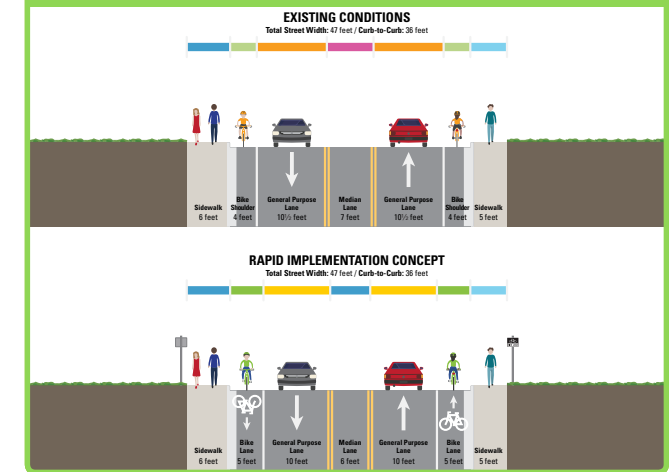
2009 Plan Projects: B-158 (Med)

Typical Street Sections:

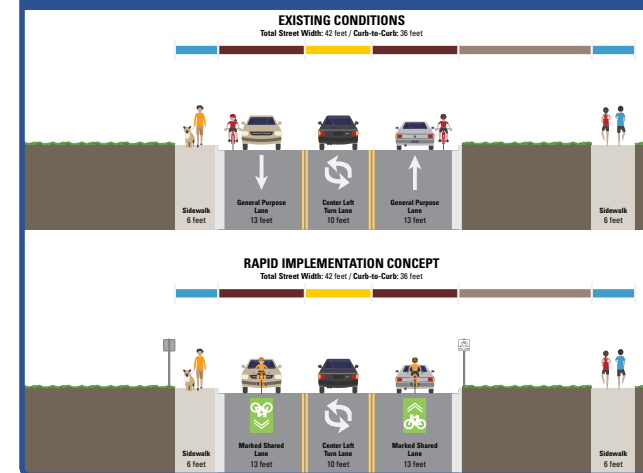
1. Highland Dr to SE 63rd St



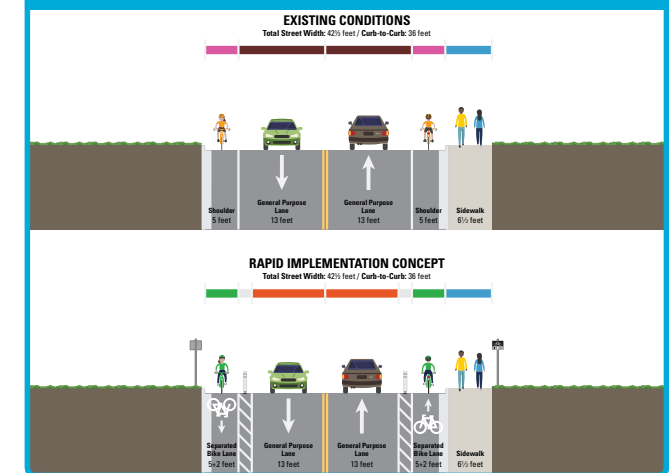
2. SE 63rd to 147th Ave SE

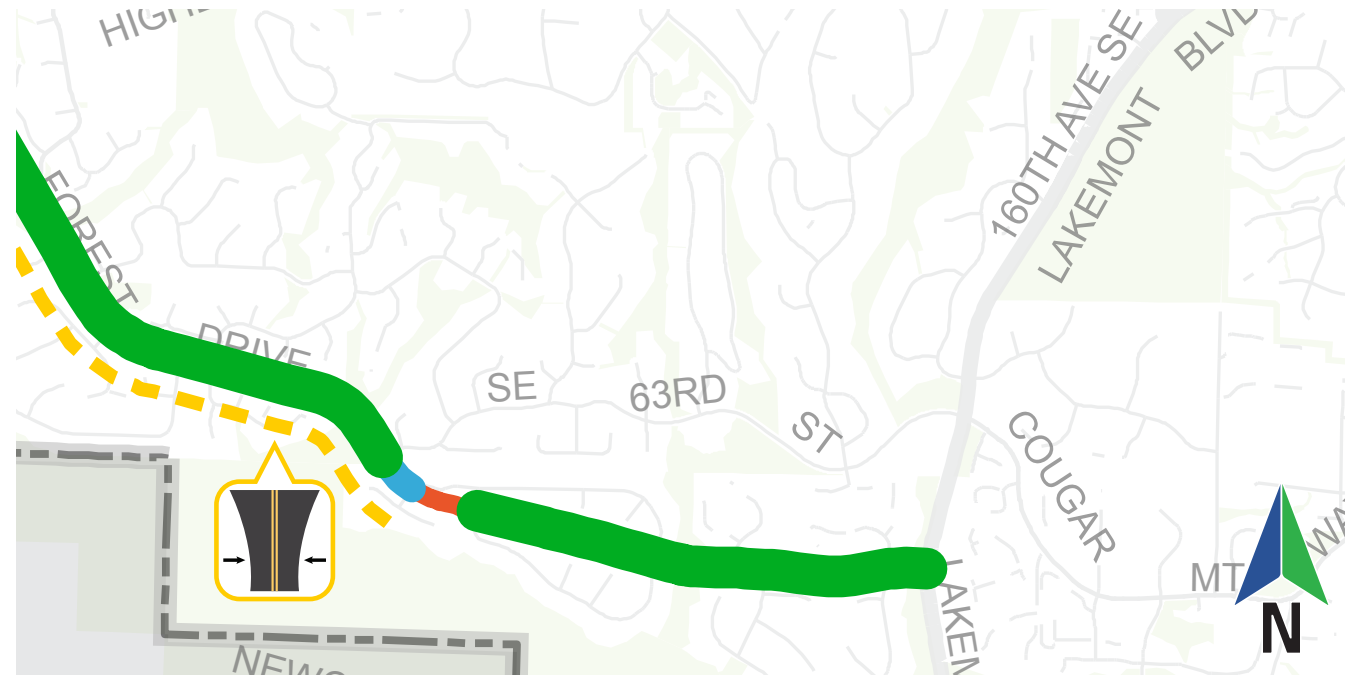


3. 147th Ave SE to 148th Ave SE



4. 148th Ave SE Lakemont Blvd SE





Issues:

Requires 10-foot Travel Lanes: Forest Dr SE from 142nd Ave SE to SE 63rd St

Opportunities:

Separated Bike Lanes (## miles): Forest Dr SE from 142nd Ave SE to SE 63rd St

Conventional Bike Lanes (## miles): Forest Dr SE from SE 63rd St to 147th Ave SE

Green-Backed Sharrows (## miles): Forest Dr SE from 147th Ave SE to 148th Ave SE

Separated Bike Lanes (## miles): Forest Dr SE from 148th Ave SE to Lakemont Blvd SE

Cost Estimates:

Capital: Forthcoming

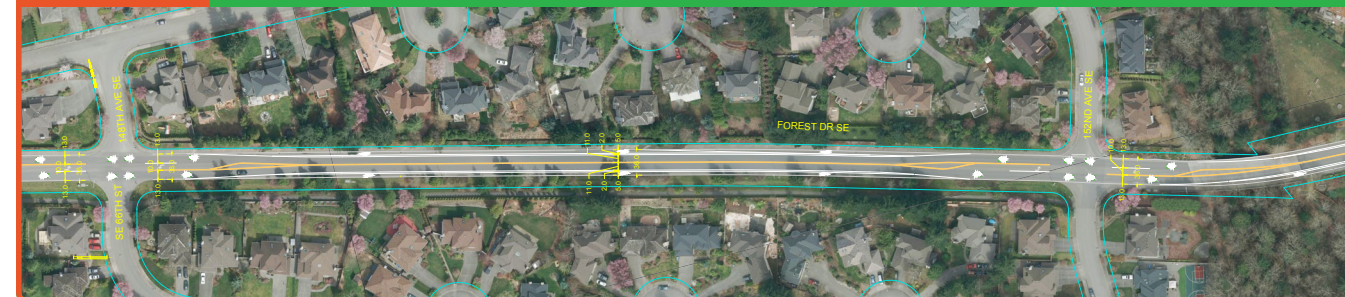
O&M: Forthcoming

Conceptual Layouts:

Forest Dr SE from east of 142nd Ave SE to 148th Ave SE



Forest Dr SE from 148th Ave SE to east of 152nd Ave SE



Forest Dr SE from east of 152nd Ave SE to Lakemont Blvd SE



Note: All dimensions are approximate pending field verification