

Redmond Central Connector Master Plan

Briefing to the Redmond City Council On the Infrastructure Alignment Plan October 12, 2010

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&

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The Berger Partnership

Park Trail + Light Rail + Streets + Infrastructure

Master Planning Process

- Infrastructure Alignment Plan – October 2010
(to Complete Stormwater Trunk Line Design for June 2011 Construction & Complete Easement Agreements)
- Draft Master Plan – January 2011
- Final Master Plan – April 2011
(to Complete Regional Trail Design for Fall 2011 Construction)

Park Trail + Light Rail + Streets + Infrastructure

Design Criteria:

Trail

- 25 to 29 feet wide trail ROW per standards for trails >2000 p/d

Stormwater Trunk Line Design

- 20 feet away from private property boundary
- 10 feet from edge of rail to edge of manhole

Sound Transit East Link Design

- 28 foot transit way with up to 18' of flare for center platform
- Straight as possible to limit noise and sustain speed
- Keep speeds at or above 35 MPH, up to 55 MPH
- Intersection gates needed if >35 MPH

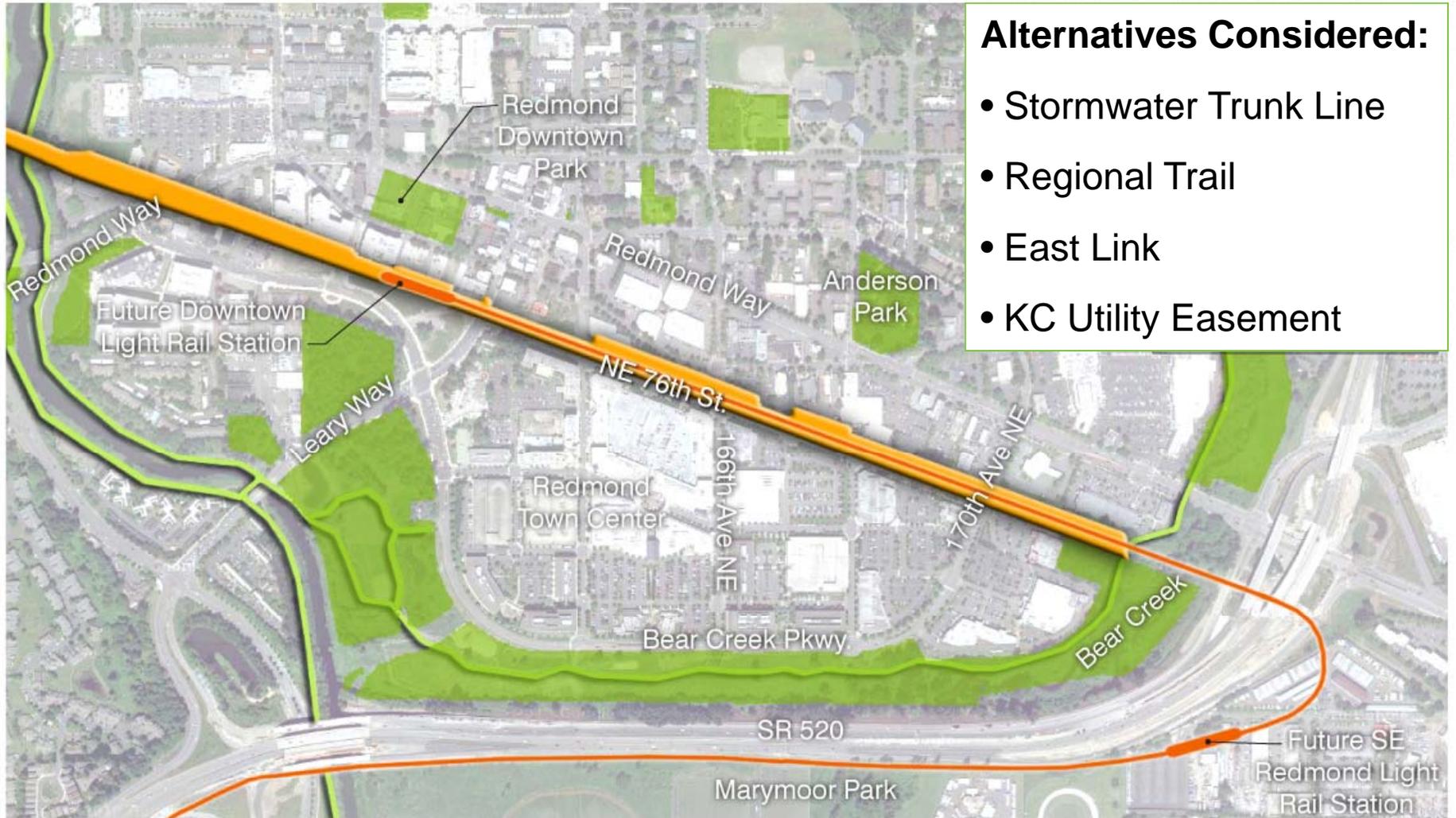
Other Rail Design (Freight, Commuter, or Excursion)

- 17 feet wide single track envelope
- Rail stations must be located Downtown

Downtown Study Area

Alternatives Considered:

- Stormwater Trunk Line
- Regional Trail
- East Link
- KC Utility Easement

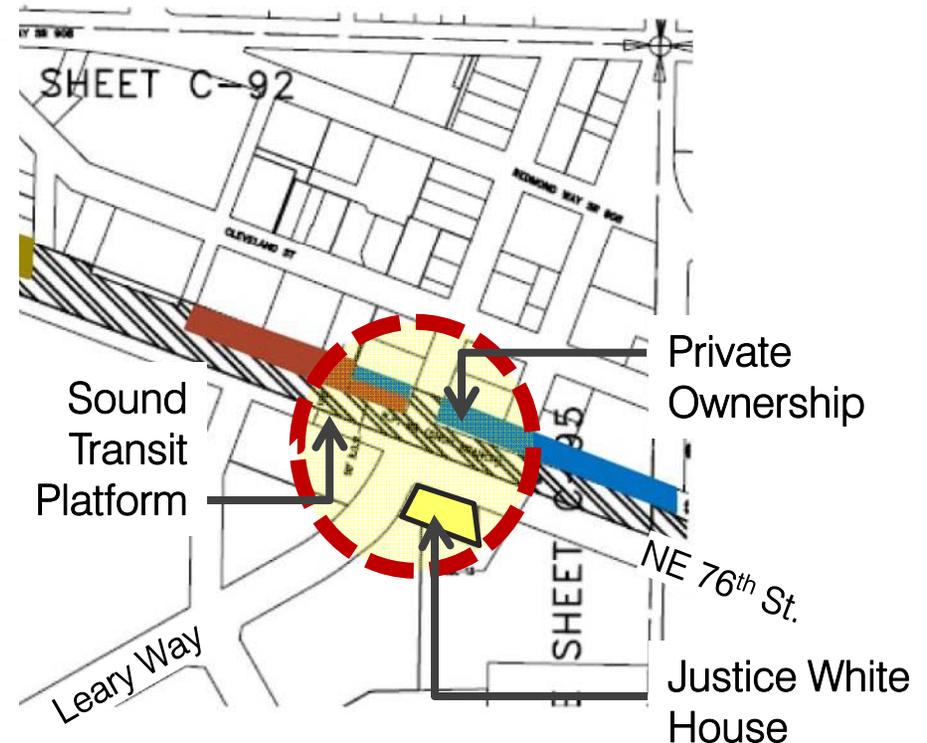


Park Trail + Light Rail + Streets + Infrastructure

- Lease
- Inactive Lease
- Possible Encroachment
- Owned by Others

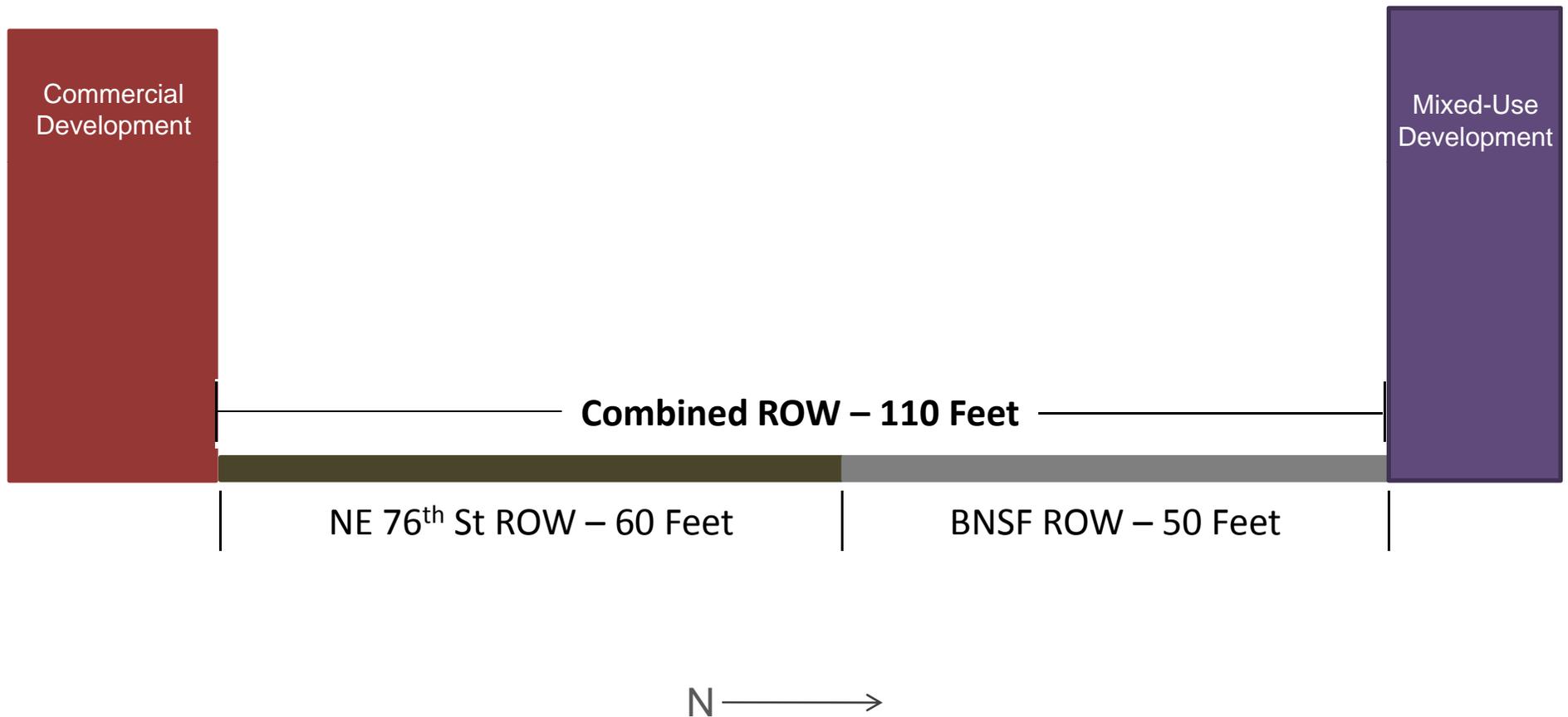
Critical Pinch Point: Leary Way & NE 76th St

- BNSF ROW narrows to approx. 50' (private development to north)
- Must accommodate: City park trail, City stormwater trunk line, S.T. light rail, K.C. sewer line
- S.T. light rail track flare for center platform (widened transit way)
- Gates & signaling for vehicular and pedestrian crossings at street corners
- Historic Justice White House at southeast corner of intersection



Park Trail + Light Rail + Streets + Infrastructure

Combined BNSF & Street Right of Way Corridor at Leary Way Pinch Point



Park Trail + Streets + Light Rail + Infrastructure

Proposed Envelopes for Trail/Utility & Sound Transit



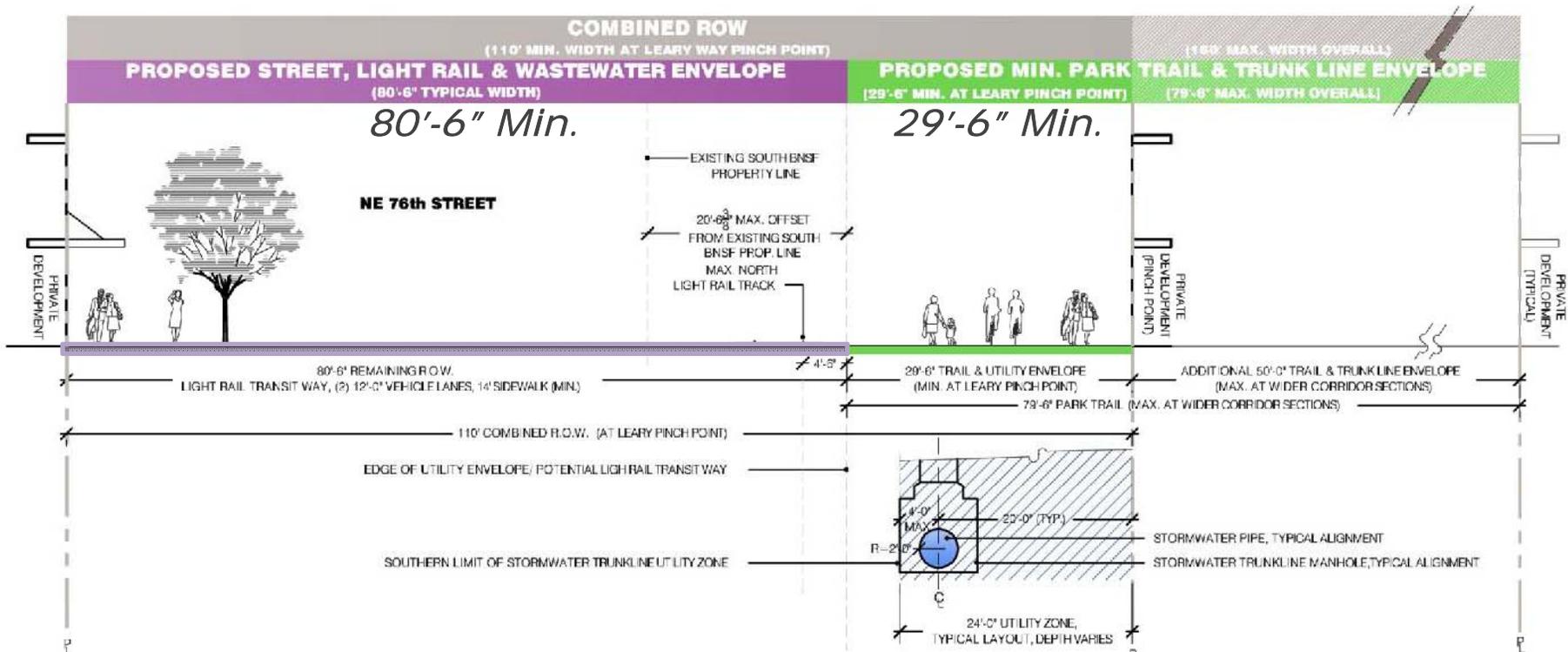
Park Trail + Streets + Light Rail + Infrastructure

Proposed Envelopes for Trail/Utility & Sound Transit



Park Trail + Streets + Light Rail + Infrastructure

Proposed Envelopes for Trail/Utility & Sound Transit



Trunk Line 20' off of North Prop. Line

Sammamish Valley Study Area

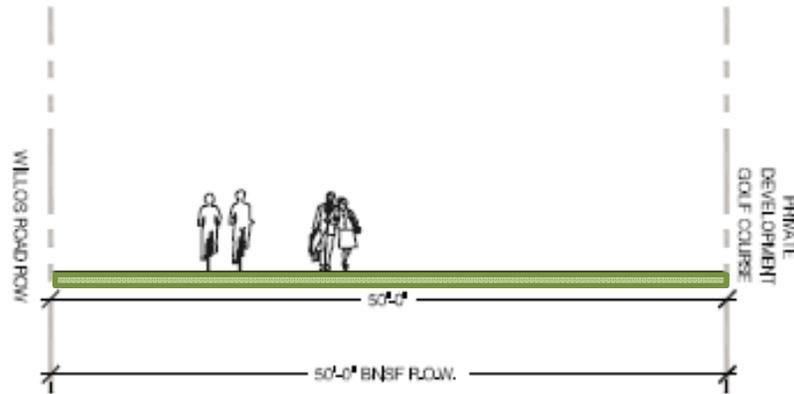
Alternatives Evaluated:

- Trail
- Trail with Existing Tracks
- Trail with New Tracks



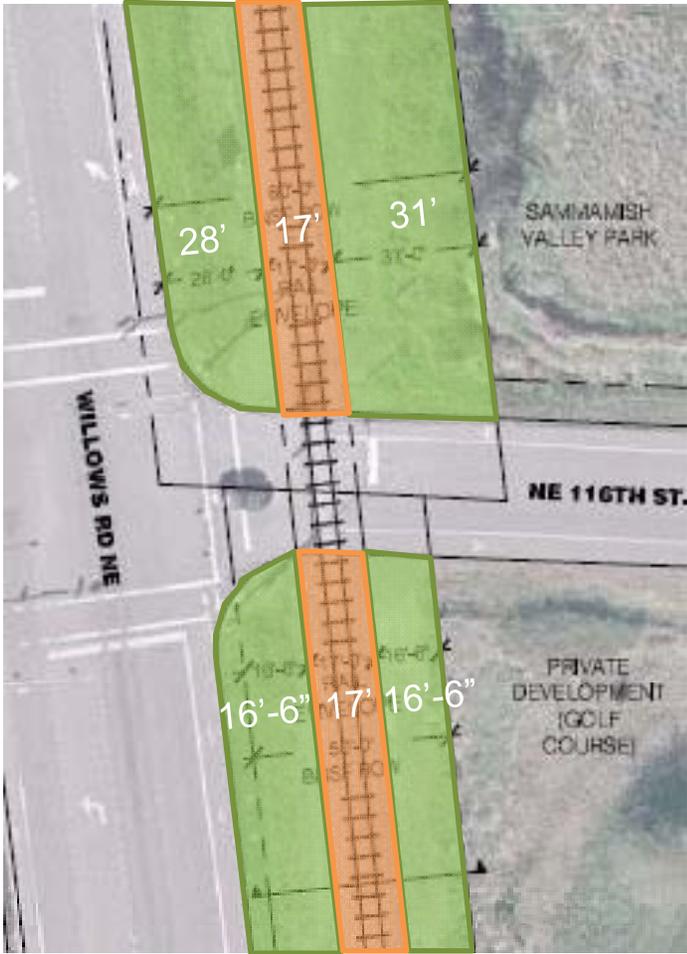
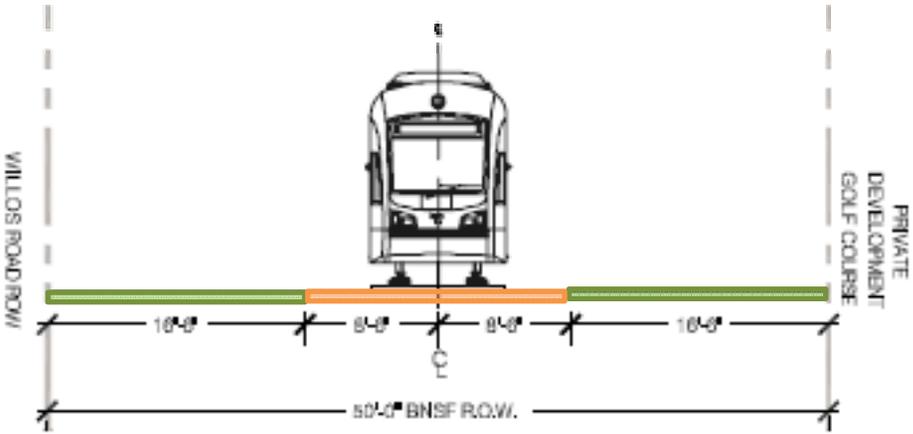
Park Trail + Streets + Light Rail + Infrastructure

Trail without Rail



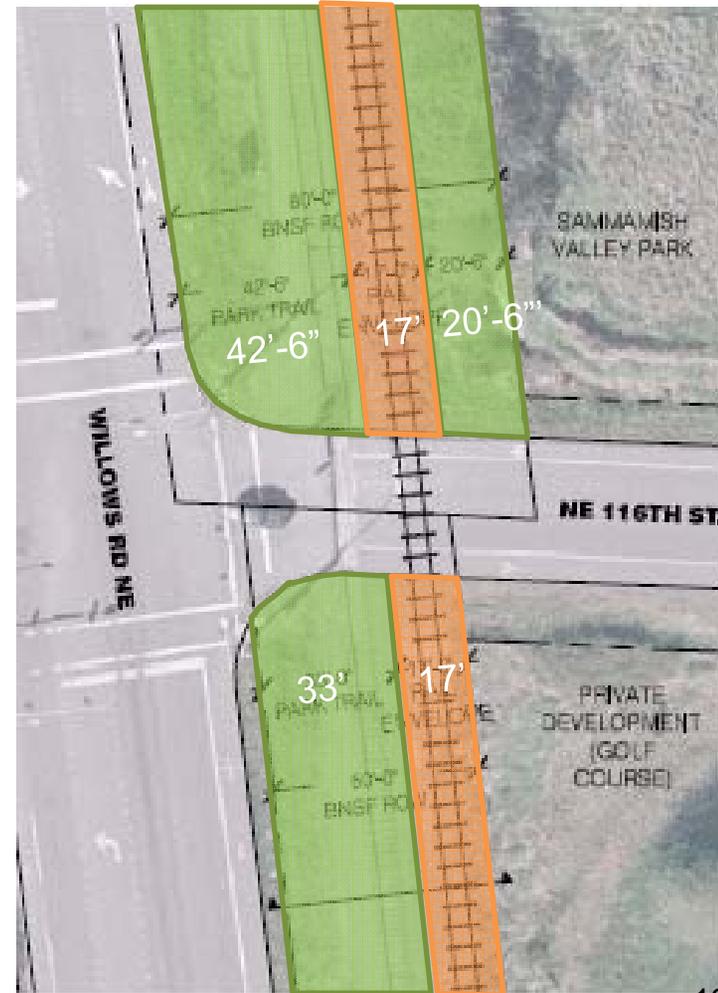
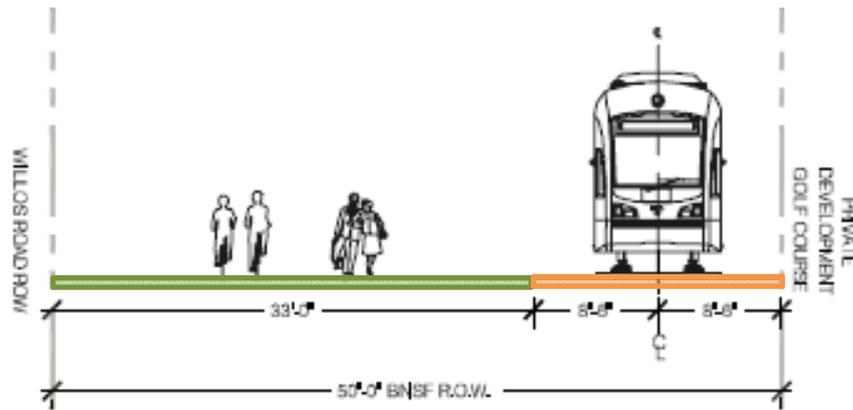
Park Trail + Streets + Other Rail + Infrastructure

Trail with existing tracks



Park Trail + Streets + Light Rail + Infrastructure

Trail with reconstructed tracks



Park Trail + Light Rail + Streets + Infrastructure

Next Steps Redmond Central Connector Master Plan:

- Redmond Arts Commission Visioning 10/14/10
- **Redmond Council to Consider Approval of Plan 10/19/10**
- Public Meeting on Alternatives 11/15/10
- Joint Commission Meeting on Alternatives 12/2/10
- Draft Plan in January 2011
- Final Plan in April 2011
- Build Stormwater Trunk Line June 2011
- Design/Build 1st mile trail 2011/2012



Park Trail + Streets + Light Rail + Infrastructure

Next Steps:

- **Redmond Council to Consider Approval of Plan 10/19/10**
- Continue working with partners on Easement Agreements - Winter '10/11
- Build Stormwater Trunk Line June 2011
- Design/Build 1st mile regional trail 2011/2012