Point Defiance Shoreline Alternative

Modifications on the BNSF Main Line Required to Meet the Point Defiance Bypass Purpose and Need

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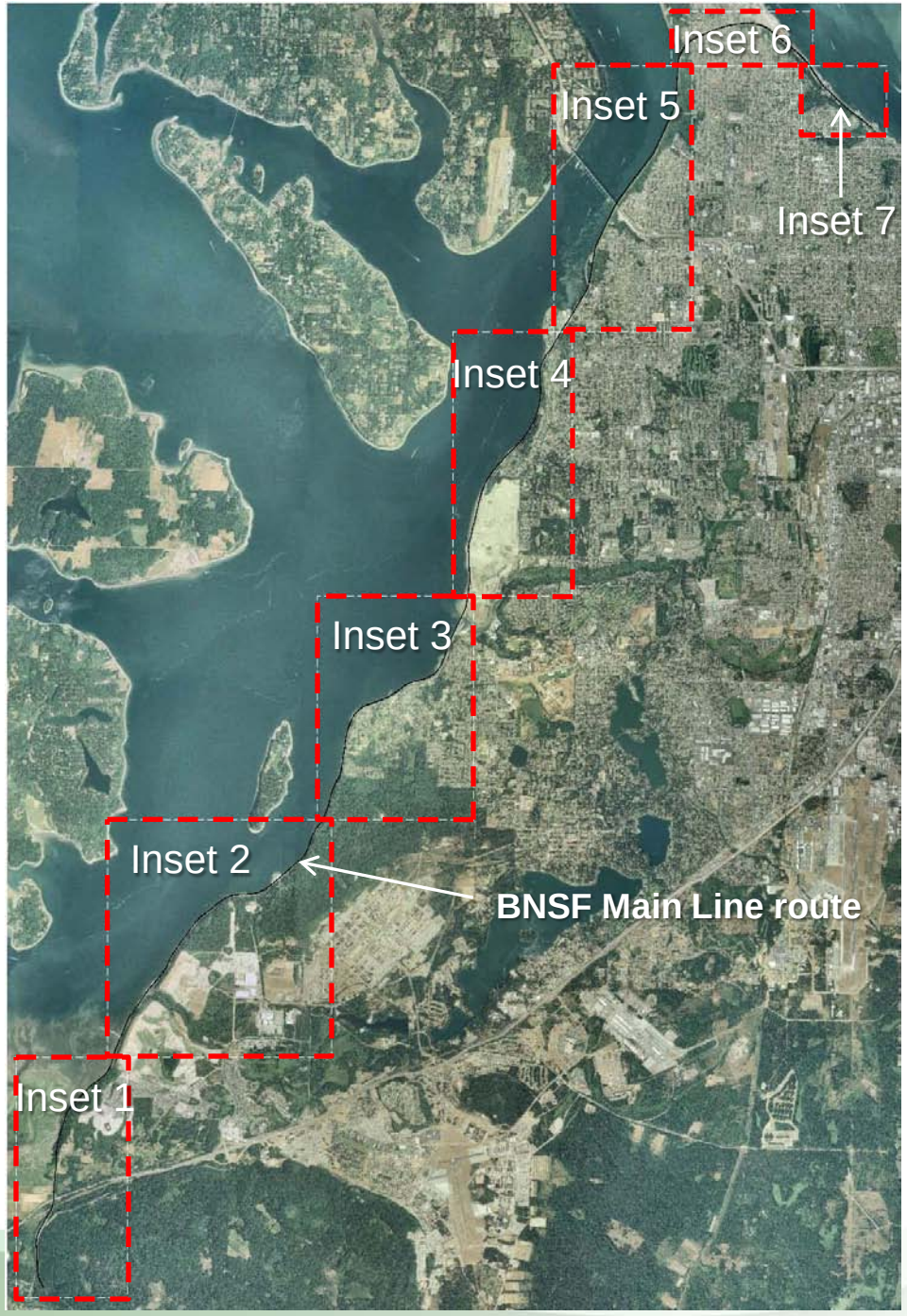
Point Defiance Shoreline Alternative



Washington State Department of Transportation

Inset 1
Nisqually

New 3rd main track for approx. 36,000 ft. (Nisqually to Ketron)

Inset 1

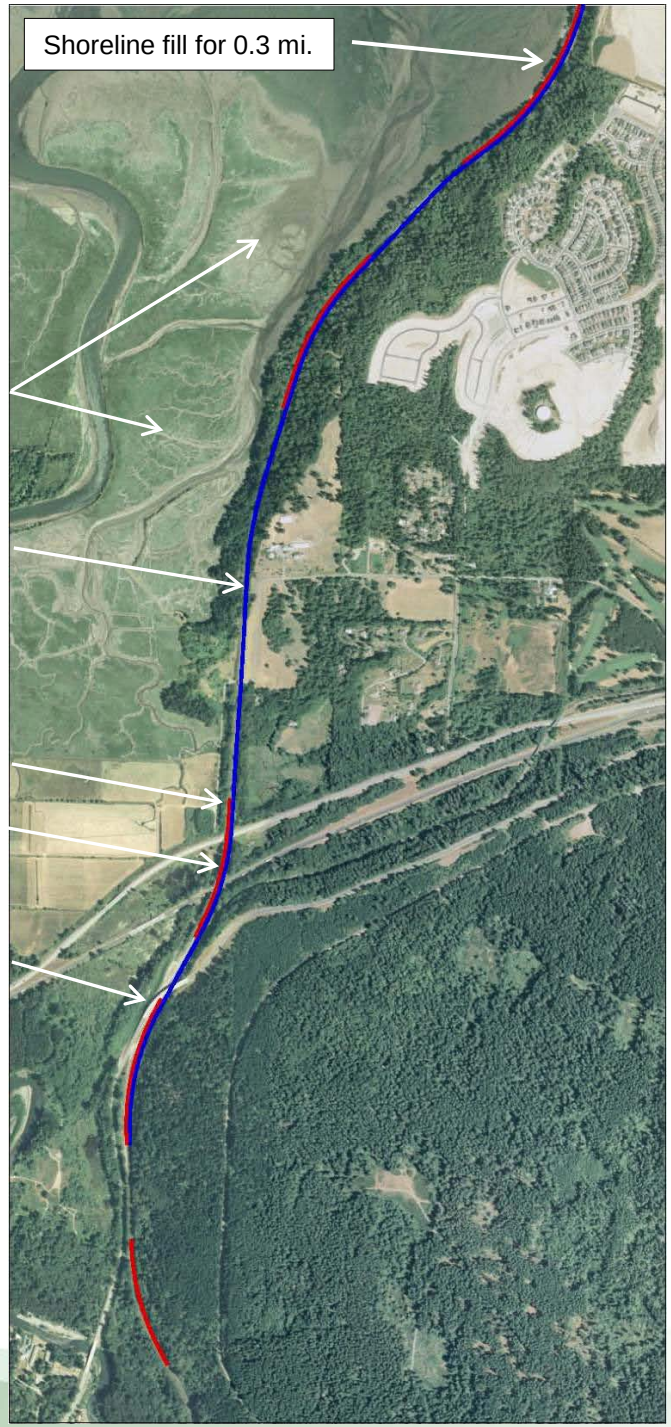
Nisqually National Wildlife Refuge

Replacement of bridge over Mounts Rd.

Nisqually National Wildlife Refuge impact

Replacement of two bridges over I-5

Replacement of Nisqually Rd. overpass



Curve Realignment

Third Track

Washington State Department of Transportation

Inset 2
Ketron

New 3rd main track for approx. 36,000 ft. (Nisqually to Ketron)

Shoreline fill for 0.9 mi.

Ketron
New Control Point

Wetland impact

Curve Realignment

Third Track

Washington State Department of Transportation

Inset 3
Steilacoom

Rebuild bridge over Chambers Cr. Waterway and eliminate moorage and pleasure boat-related business by eliminating movable span. Shoreline fill for 0.4 mi.

Wetland impact

Requires relocation of approx. 25 residences

Sunnyside Beach impact

Shoreline fill for 0.3 mi.

Wetland impact

Requires relocation of approx. 24 residences

Saltar Point Beach impact

Replacement of bridges over 5th St. Waterway and a boat launch. Shoreline fill for 0.1 mi.

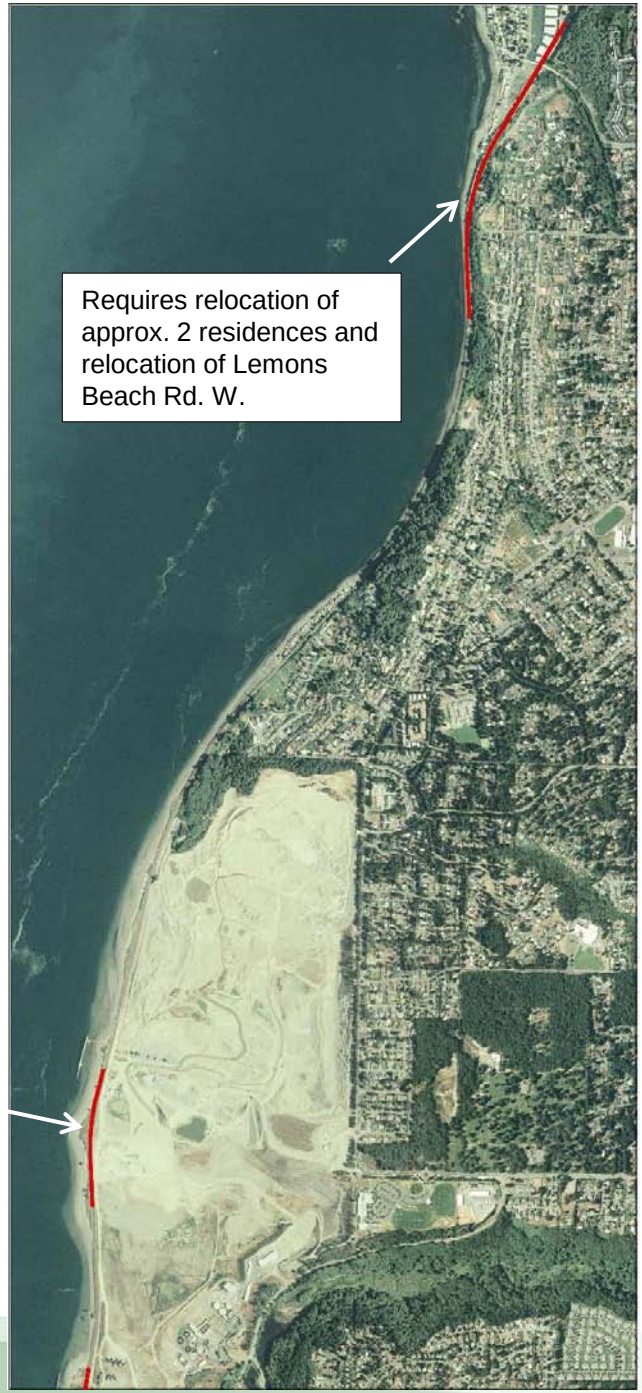
Shoreline fill for 0.3 mi.

Curve Realignment

Third Track

Washington State Department of Transportation

Inset 4
Between Titlow & Steilacoom



Curve Realignment

Third Track

Inset 5
Titlow

New main track for approx. 36,000 ft. (Titlow to Harbor Control Point)

Inset 5

Wetland impact

Requires relocation of approx. 3 residences

Multiple Titlow Beach Park impacts including trail relocation

Wetland impact. Shoreline Fill for 0.2 mi.

Curve Realignment

Third Track

Washington State Department of Transportation

Inset 6
Nelson Bennett/Ruston

New main track for approx. 36,000 ft. (Titlow to Harbor Control Point); another new main track for approximately 10,000 ft. through new tunnel.

New 2-track 39’ diameter tunnel using no more than 2 degree curves; existing is 2 tunnels totaling about 1 mi. from portal to portal.

Requires relocation of approx. 3 residences and relocation of Waterview St.

Inset 7
Ruston

New main track for approx. 36,000 ft. (Titlow to Harbor Control Point)

Curve Realignment

Third Track