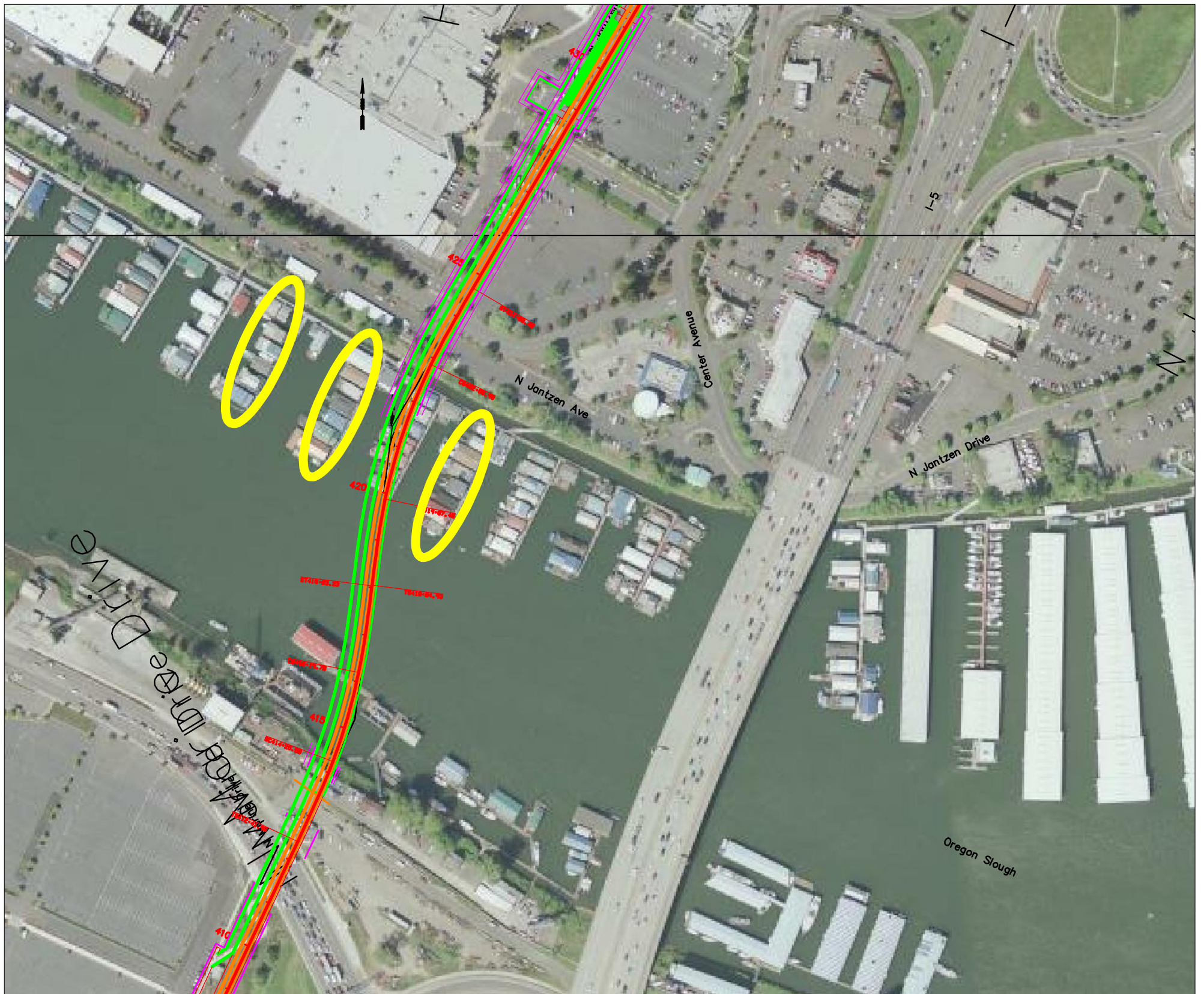


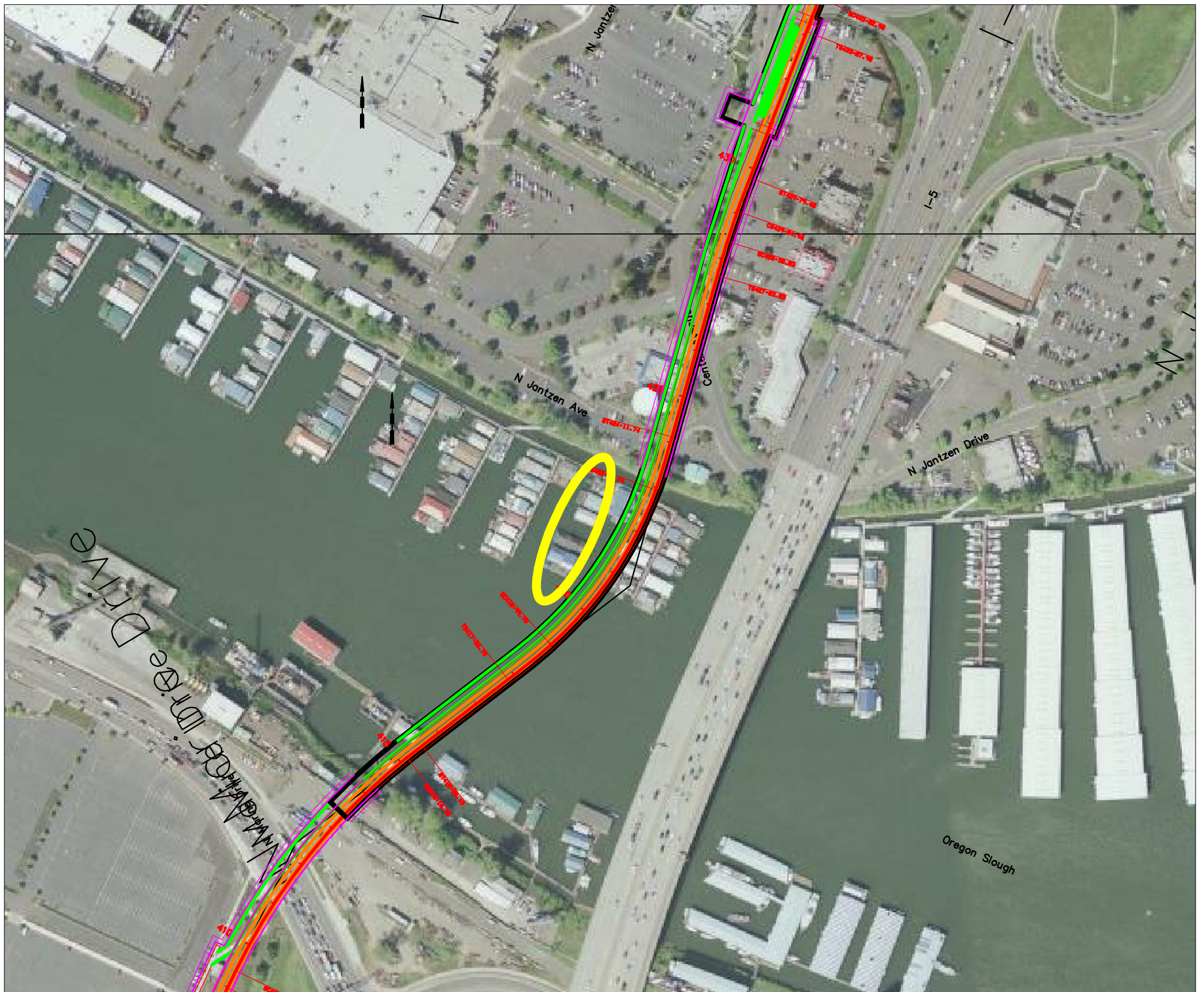
# LRT with Full Bridge Replacement



## Replacement Bridge LRT Impacts and Mitigation Hayden Island Offset

- 21 LRT noise impacts - yellow circles
- All noise impacts would be mitigated to below the criteria with 4 foot noise walls on structure

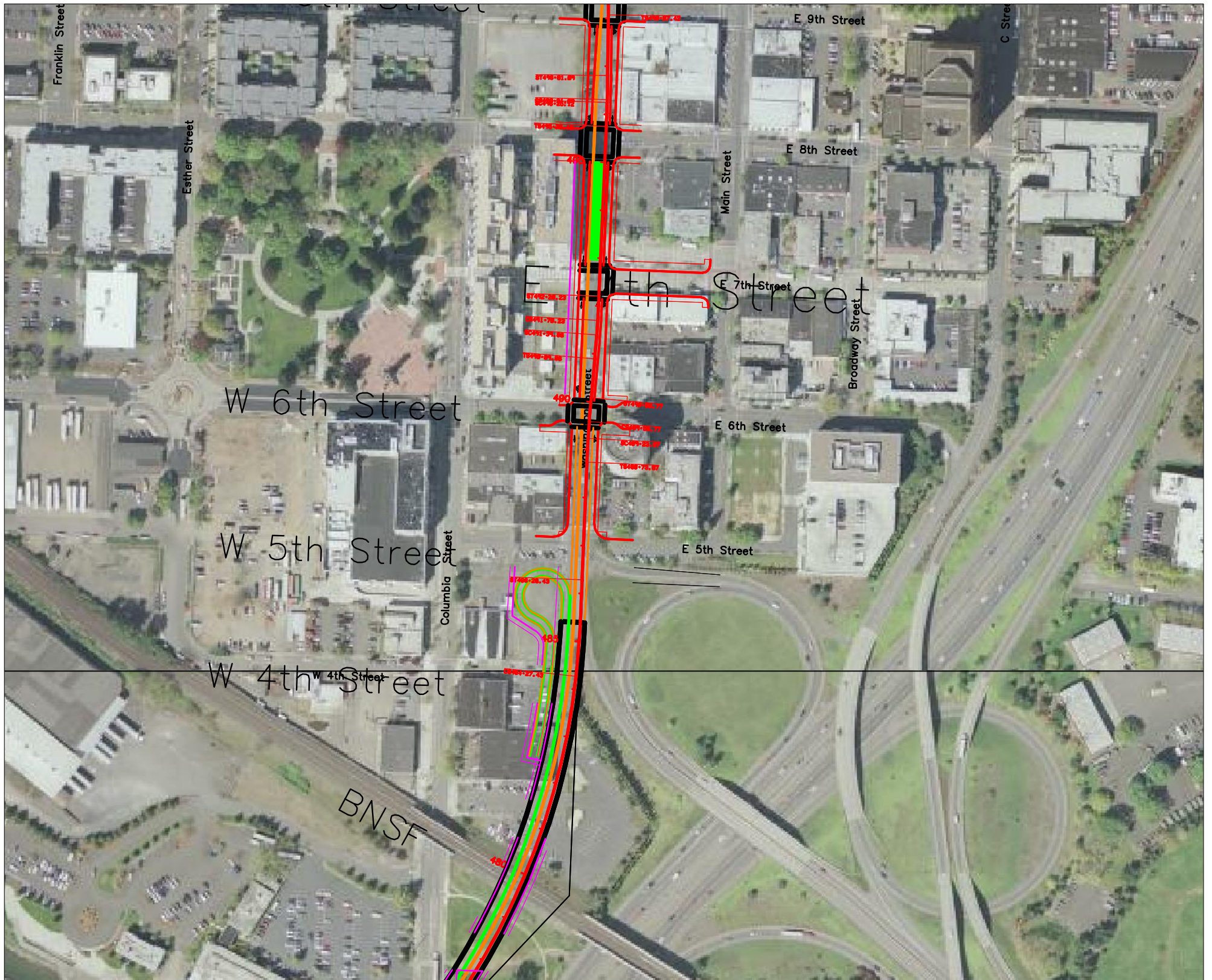
# LRT with Full Bridge Replacement



## Replacement Bridge LRT Impacts and Mitigation Hayden Island Adjacent

- 7 noise Impacts - yellow circles
- All noise impacts would be mitigated to below the criteria with 4 foot noise walls on structure

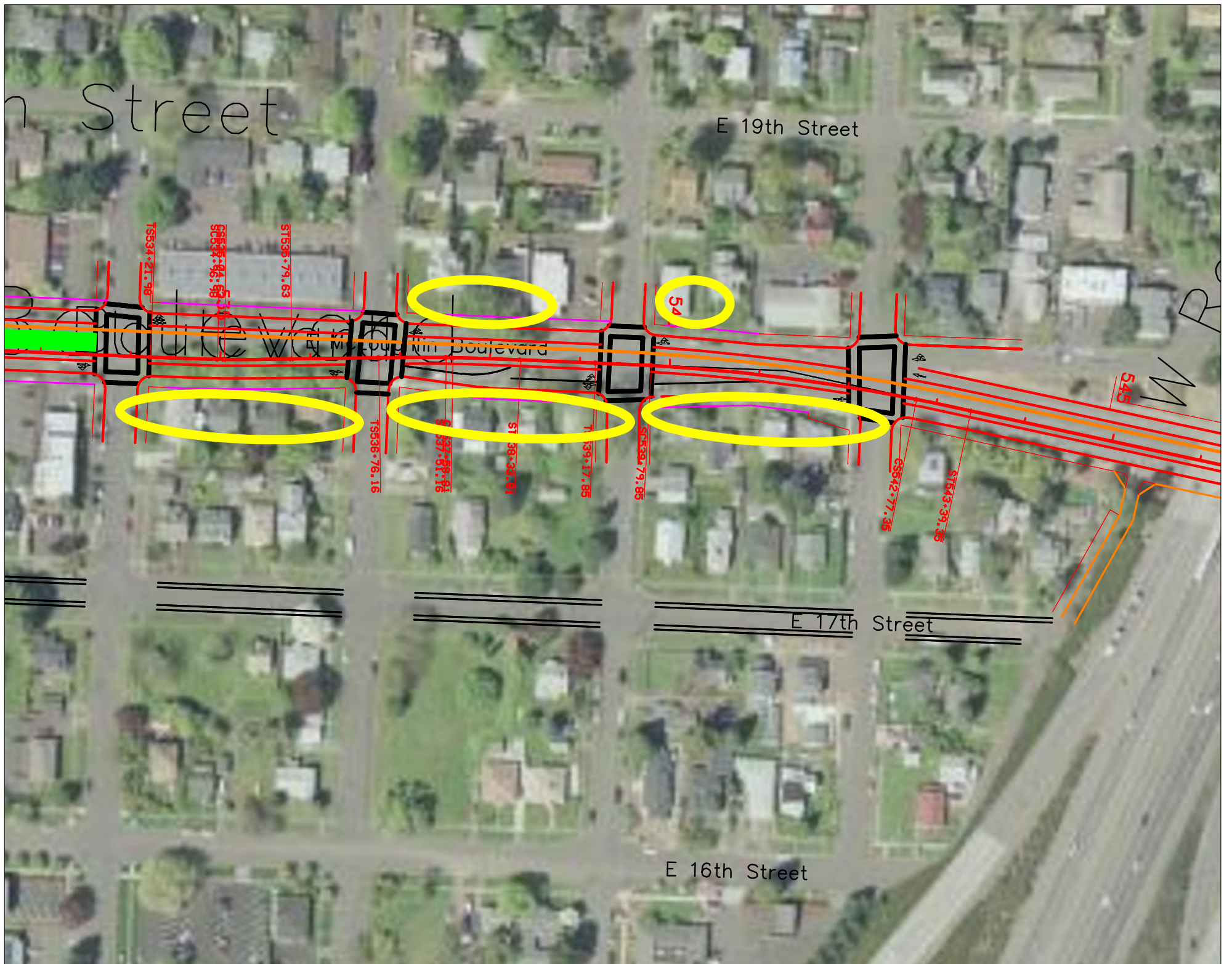
# LRT with Full Bridge Replacement



## LRT Impacts and Mitigation Washington Downtown

- No LRT noise impacts
- None - no impacts.

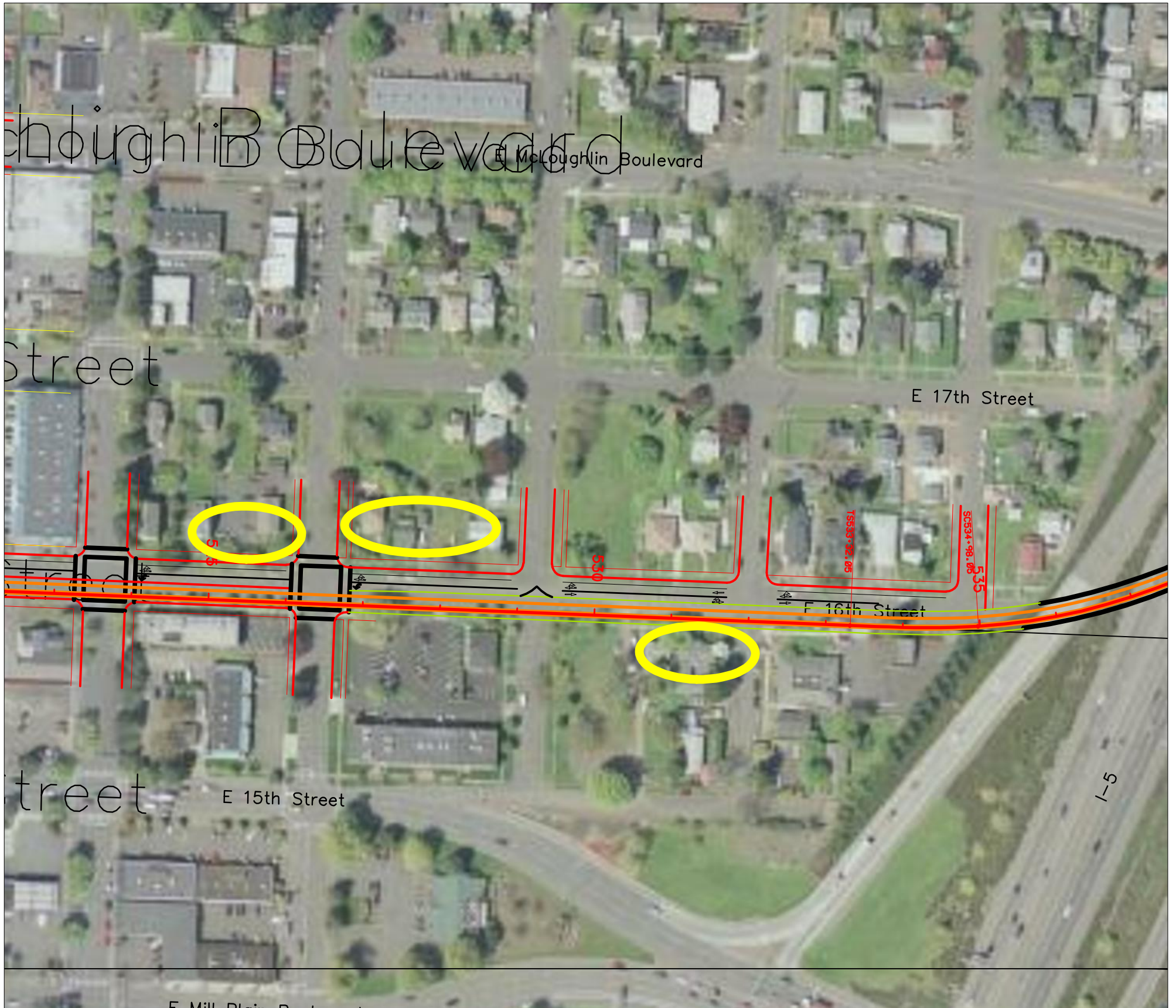
# LRT with Full Bridge Replacement



## LRT Impacts and Mitigation for McLoughlin Boulevard Alternative

- 16 noise impacts on McLoughlin
  - No server impacts
- 
- All 16 noise impacts would be mitigated with sound insulation to within HUD interior noise standards. Note, this has no reduction on exterior noise levels. This is not likely to be an issue on the McLoughlin Alignment

# LRT with Full Bridge Replacement



## LRT Impacts and Mitigation 16th Street Alignment

- 10 noise impacts Broadway
  -
- 
- Mitigate using sound insulation program to within HUD standards.

Note, if the analysis is performed assuming I-5 noise mitigation, the impacts remain the same severity

# LRT with Full Bridge Replacement



## LRT Impacts and Mitigation I-5 Flyover

- No noise impacts along I-5 with planned I-5 traffic noise mitigation measures
- May put sound walls on the structure - 4 feet.

Note: If the analysis is preformed with the I-5 noise mitigation considered there are 12 residential impacts shown in the magenta circle. The 4-foot wall on the structure would mitigate the noise increase from the LRT

# LRT with Full Bridge Replacement



## LRT Impacts and Mitigation Broadway 2-way

- 24 noise impacts along Broadway
- Mitigate using sound insulation program to within HUD standards.

# LRT with Full Bridge Replacement

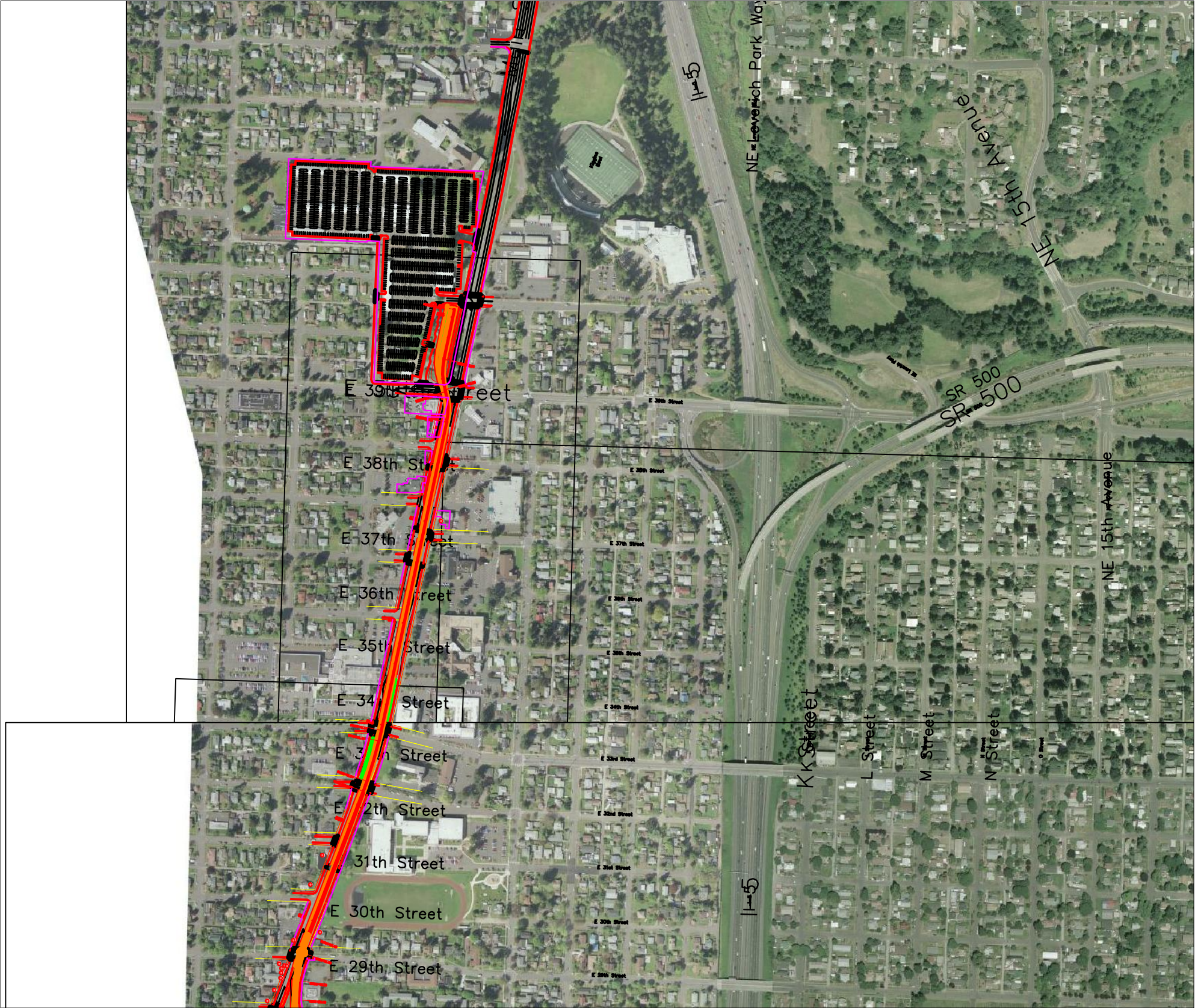


## LRT Impacts and Mitigation Broadway Couplet

- No noise impacts along Broadway



# LRT with Full Bridge Replacement



## LRT Impacts and Mitigation Main North of 29th

- No noise impacts