

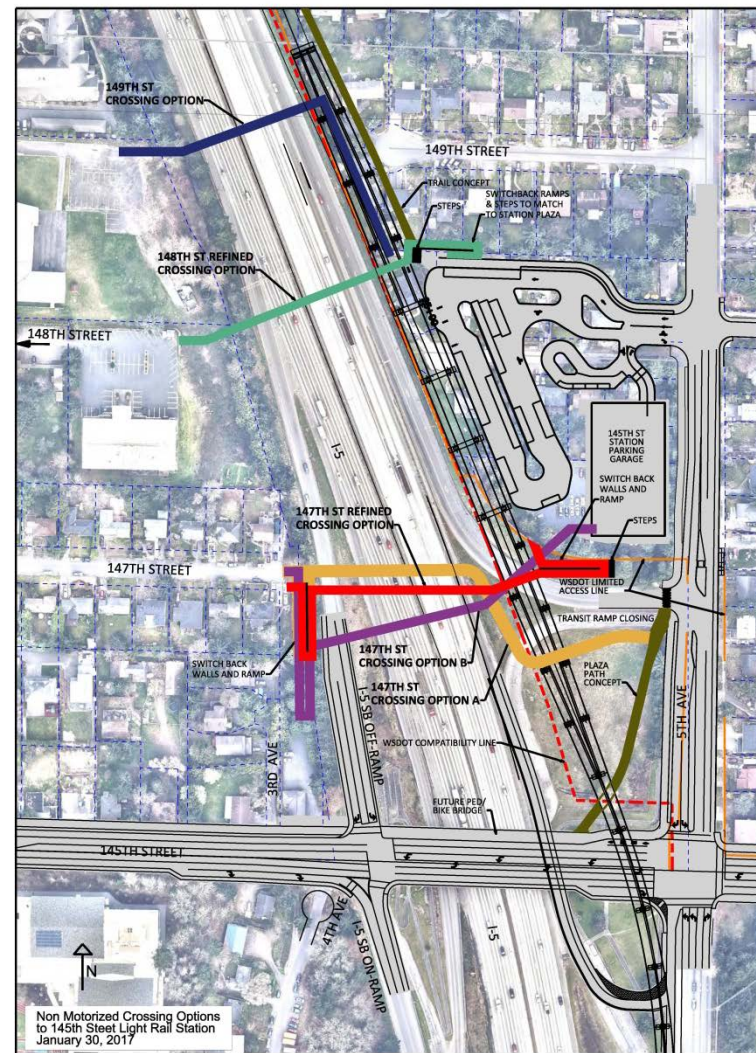
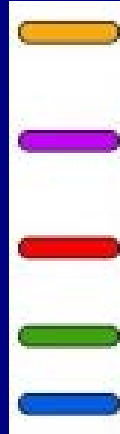
# 147<sup>th</sup>/148<sup>th</sup> Street Non-Motorized Bridge and Preferred Alternative

City Council Meeting  
February 27, 2017





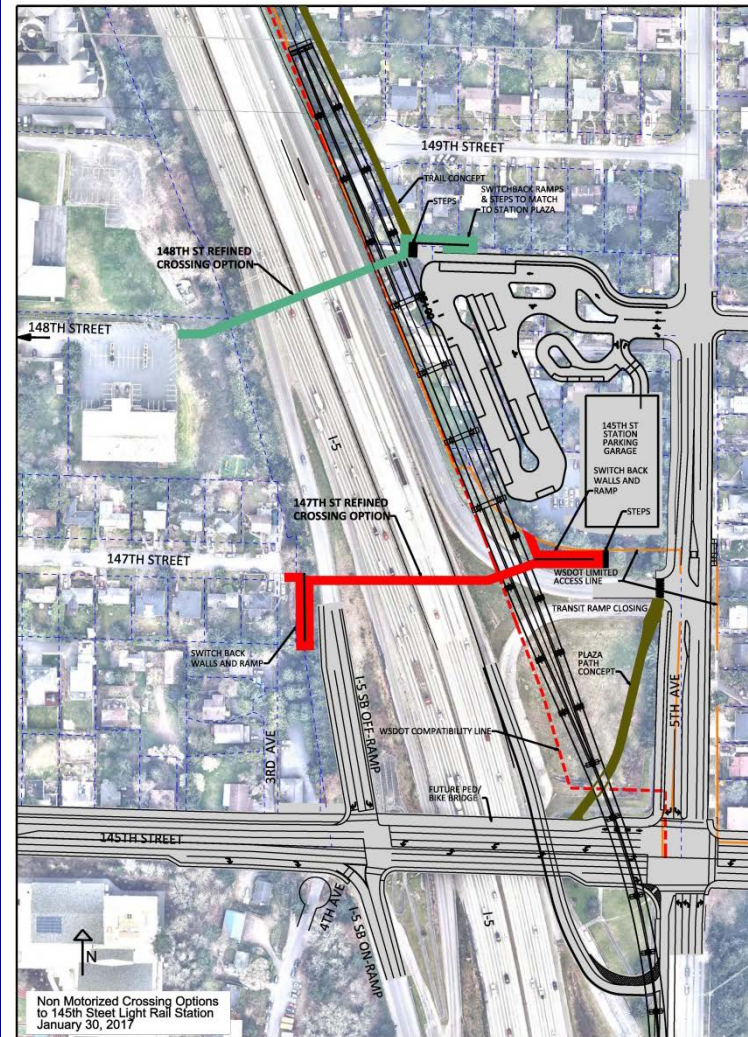
# Non-Motorized Bridge Options

- 147<sup>th</sup> Street Option A
- 147<sup>th</sup> Street Option B
- 147<sup>th</sup> Street Refined Option
- 148<sup>th</sup> Street Refined Option
- 149<sup>th</sup> Street Option



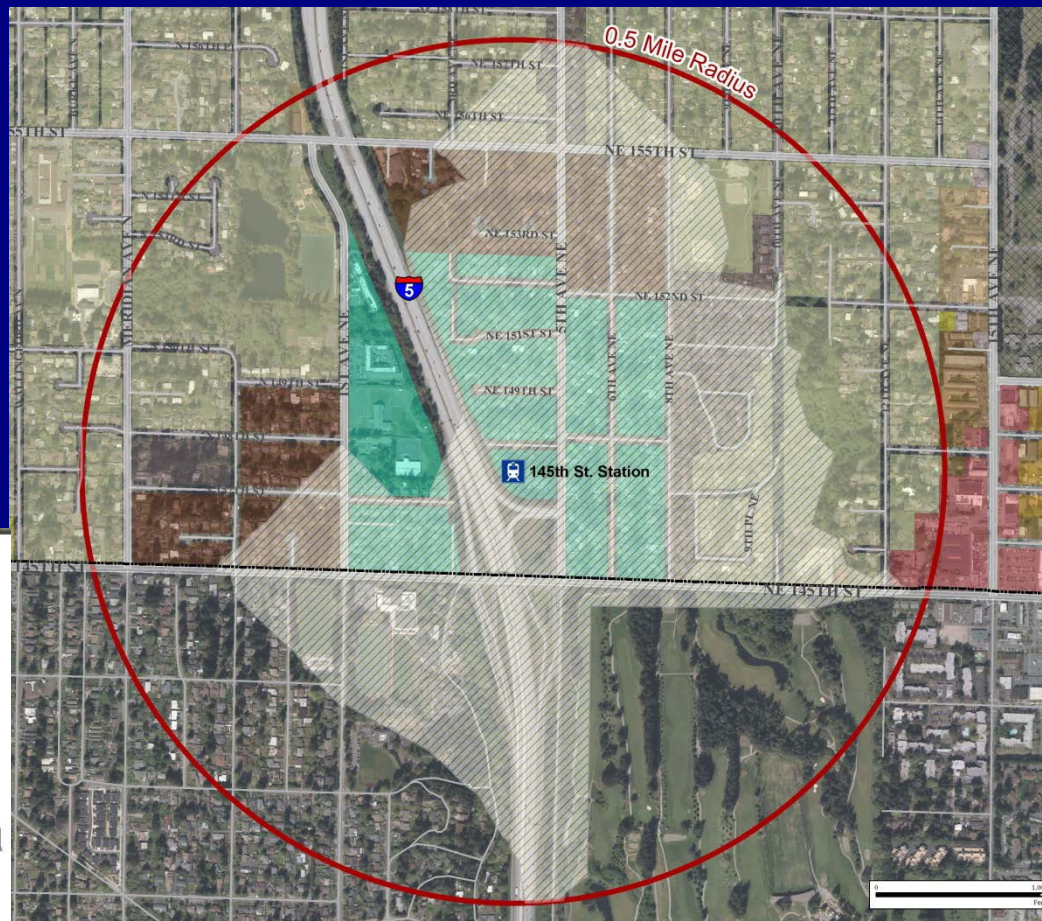
# Refined Non-Motorized Bridge Options

- 148<sup>th</sup> Street Refined Option 
  - Reconfiguration of ramp/stairs
- 147<sup>th</sup> Street Refined Option 
  - Adjustments to bridge alignment
  - Reconfiguration of ramp/stairs



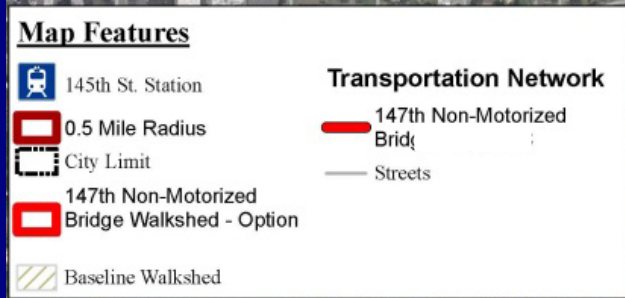
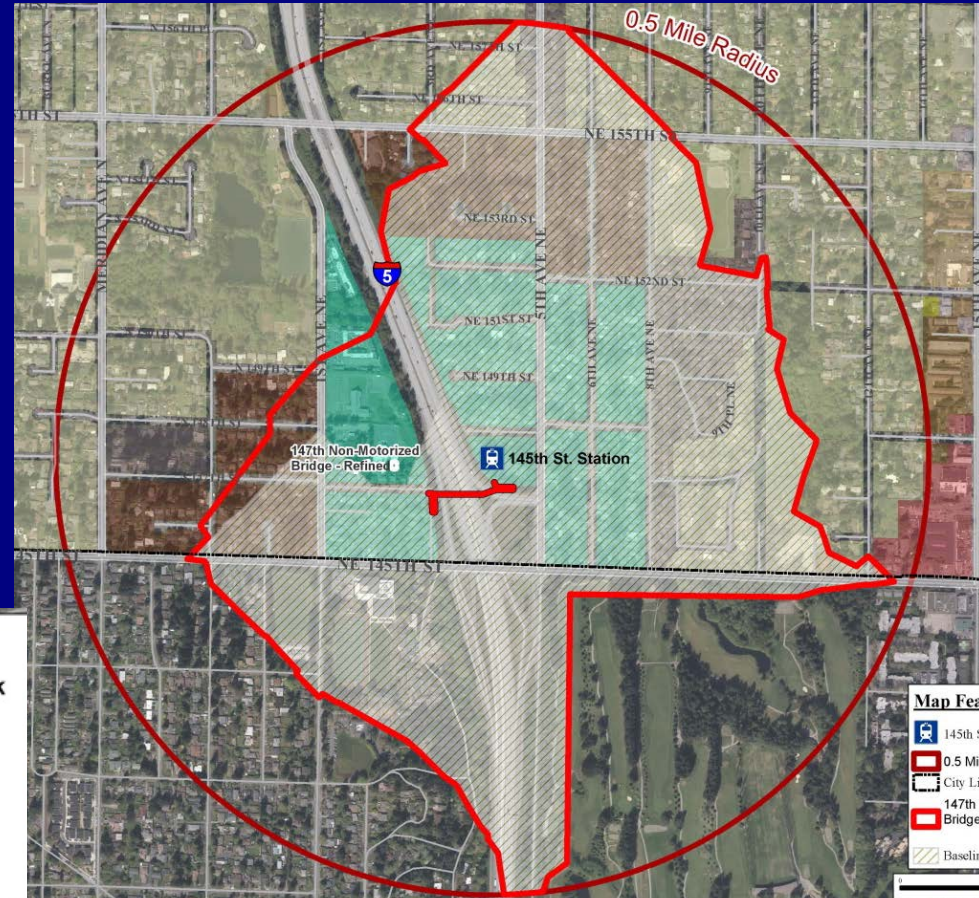
# Baseline Walkshed

- 0.5 mile radius around 145<sup>th</sup> St. Station
- 145<sup>th</sup> St. Station Subarea Phase 1 Zoning



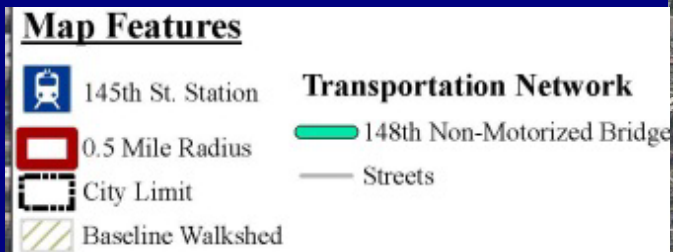
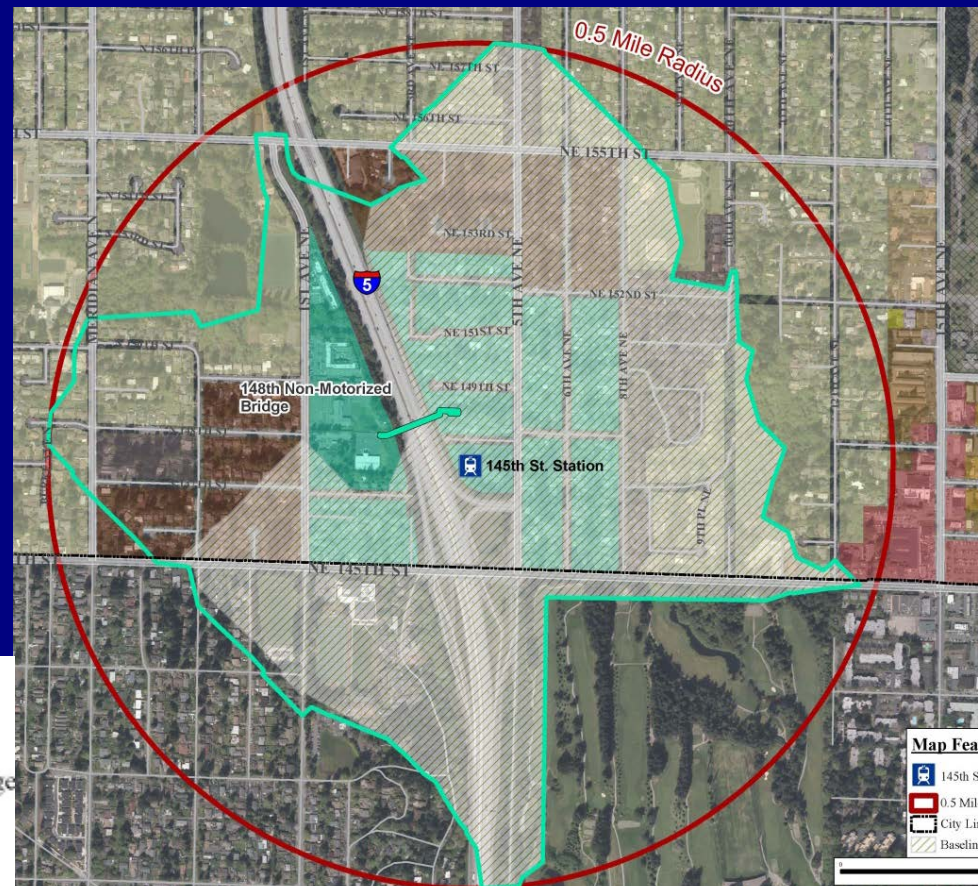
# 147<sup>th</sup> Street Refined Crossing Option

- Modest increase to walkshed
- Approx. 3.5 min. walk



# 148<sup>th</sup> Street Refined Crossing Option

- Greatest increase to walkshed
- Approx. 2.4 min. walk



# Non-Motorized Bridge Cost Estimates

Option	Cost Estimate
147 <sup>th</sup> Street – Option A	\$17,512,000
147 <sup>th</sup> Street – Option B	\$18,792,000
147 <sup>th</sup> Street – Refined Option	\$16,687,000
148 <sup>th</sup> Street – Refined Option	\$13,331,000
149 <sup>th</sup> Street (Note: option found to be infeasible)	N/A

# Preferred Alternative Recommendation

## Refined 148<sup>th</sup> Street Crossing Option

- Lowest cost option
- Shortest crossing distance
- Greatest increase to walkshed



# Resource/Financial Impact

2017 Capital Improvement Projects (CIP) budget includes \$500,000 for 147<sup>th</sup>/148<sup>th</sup> Street Non-motorized Bridge – 30% Design and Environmental Analysis



# Resource/Financial Impact (*continued*)

## Potential Funding Sources

- Sound Transit Multi-Modal Access Improvements
- WA State Recreation & Conservation Office
- WSDOT Pedestrian/Bicycle Program
- STP/CMAQ – Regional
- STP/CMAQ – Countywide
- Federal Transit Admin – FAST – New Starts



# Discussion

Recommendation for Council authorization to move forward with the 148<sup>th</sup> Street Refined Option as the preferred alternative to advance to 30% design and environmental review

