

# *Blaine Residential Street Program*

## *H Street December 10, 2007*



# *Project Goals*

- Improve Traffic Capacity
- Provide sidewalks on one side
- Accommodate bicycles

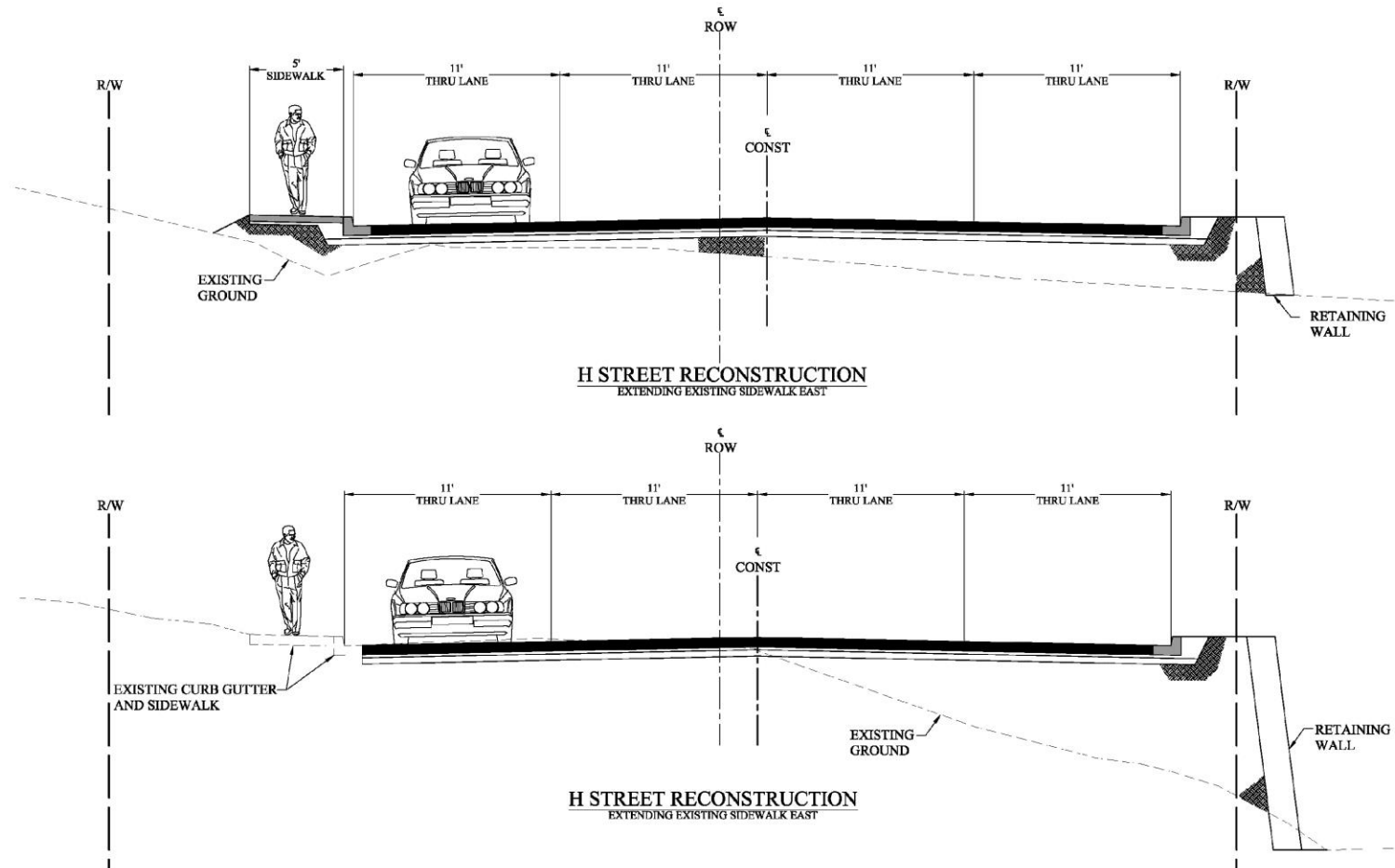


# *4 Lanes or 3 Lanes?*

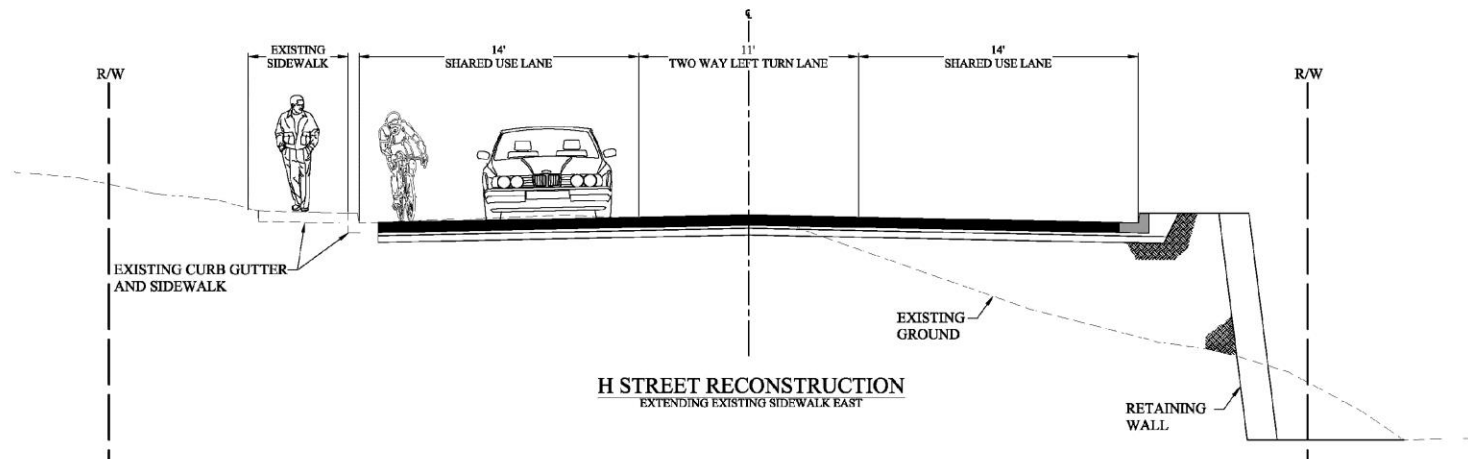
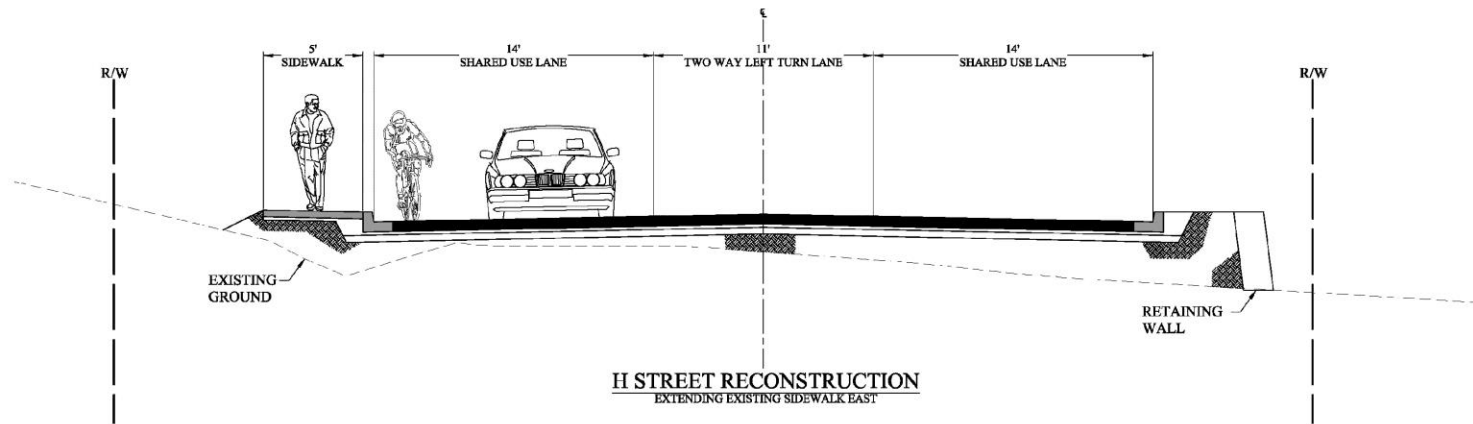
- 4 lanes when there are few driveways or access points. Capacity 25,000 to 30,000 ADT.
- 3 lanes when there are multiple driveways. Capacity up to 25,000 ADT.



# 4 Lane Section

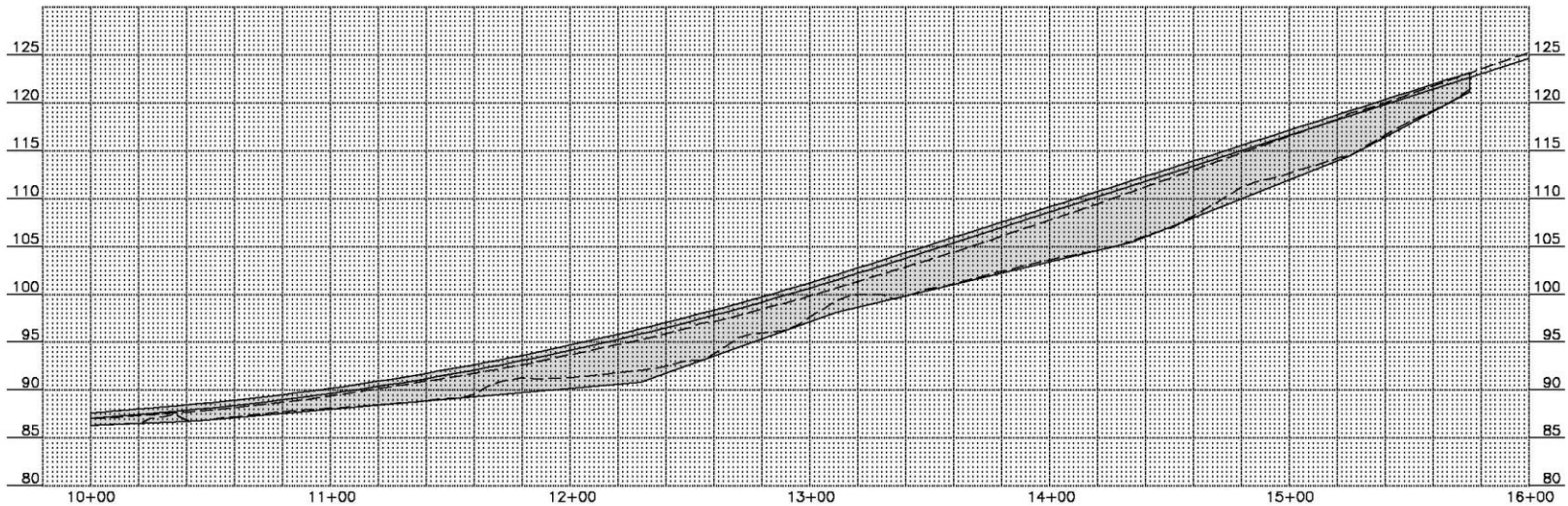


# 3 Lane Section



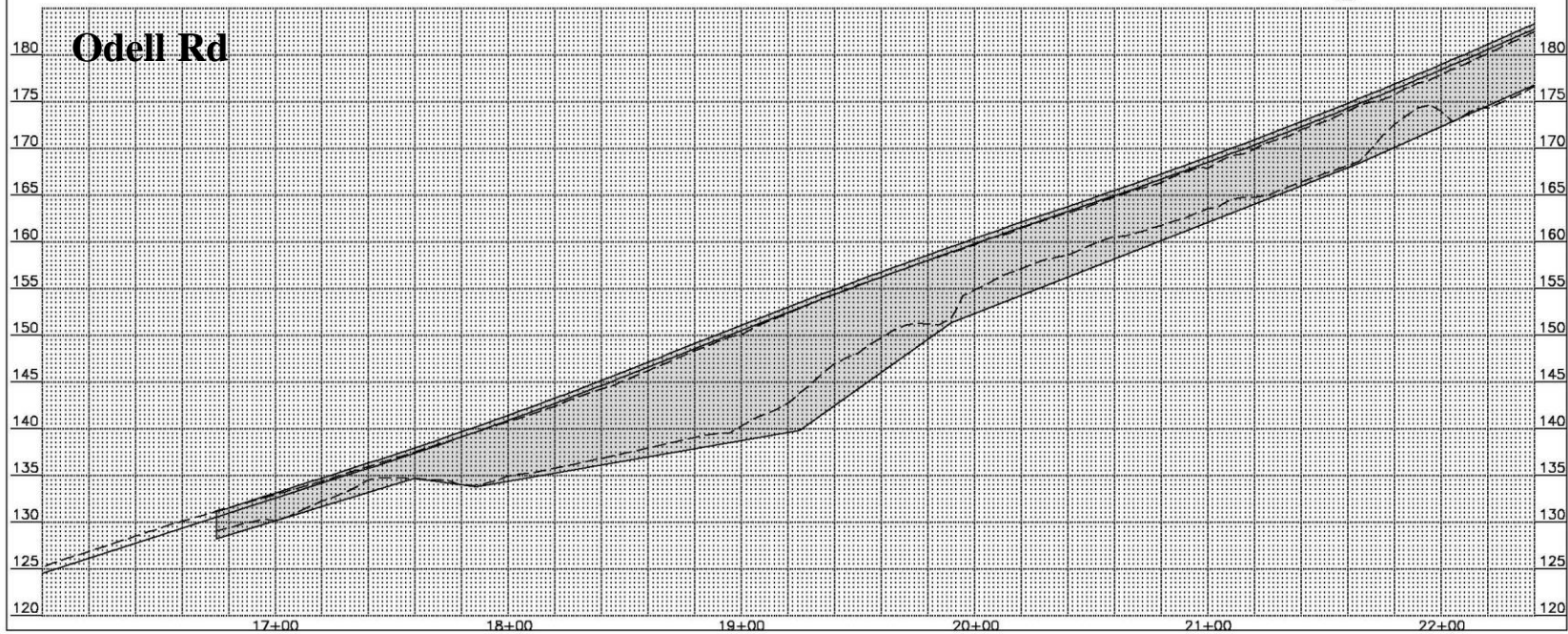


# Walls





# Walls

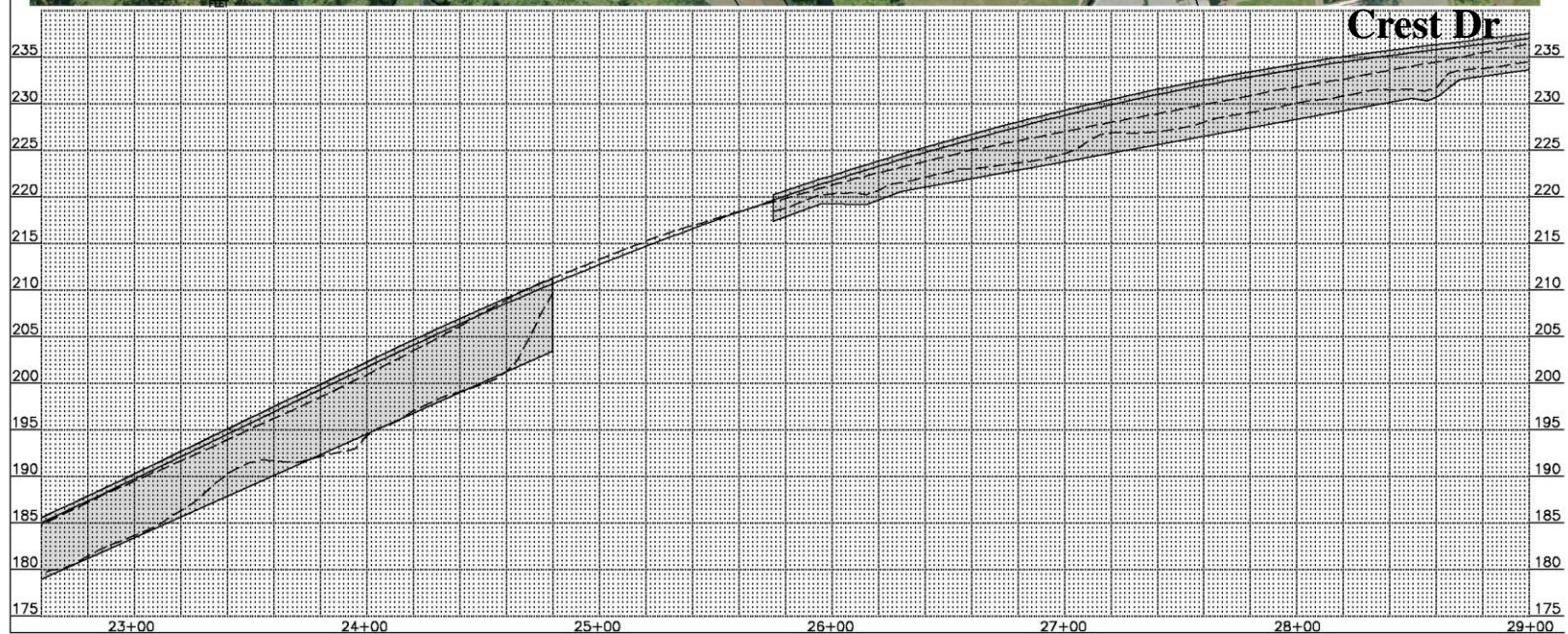
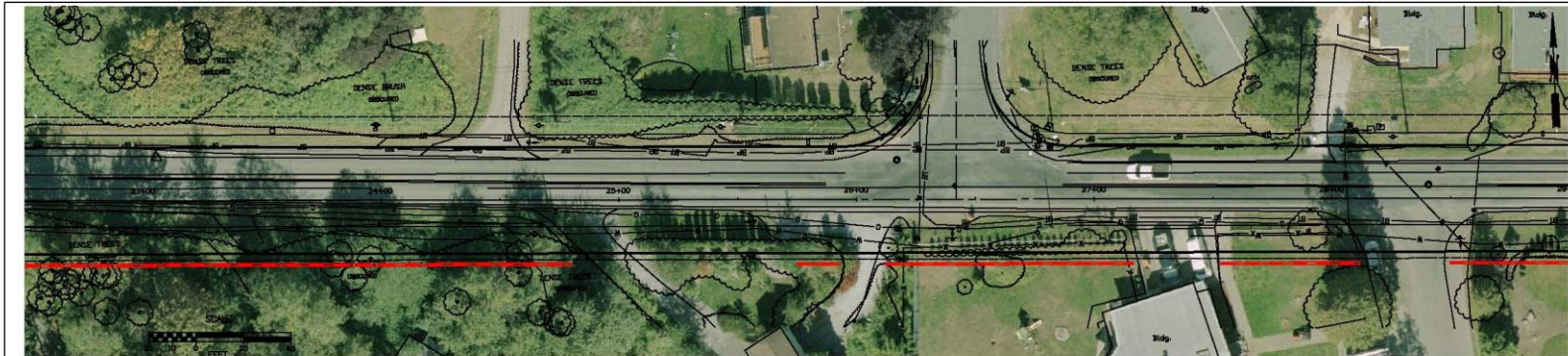




# Walls

Lincoln Ln

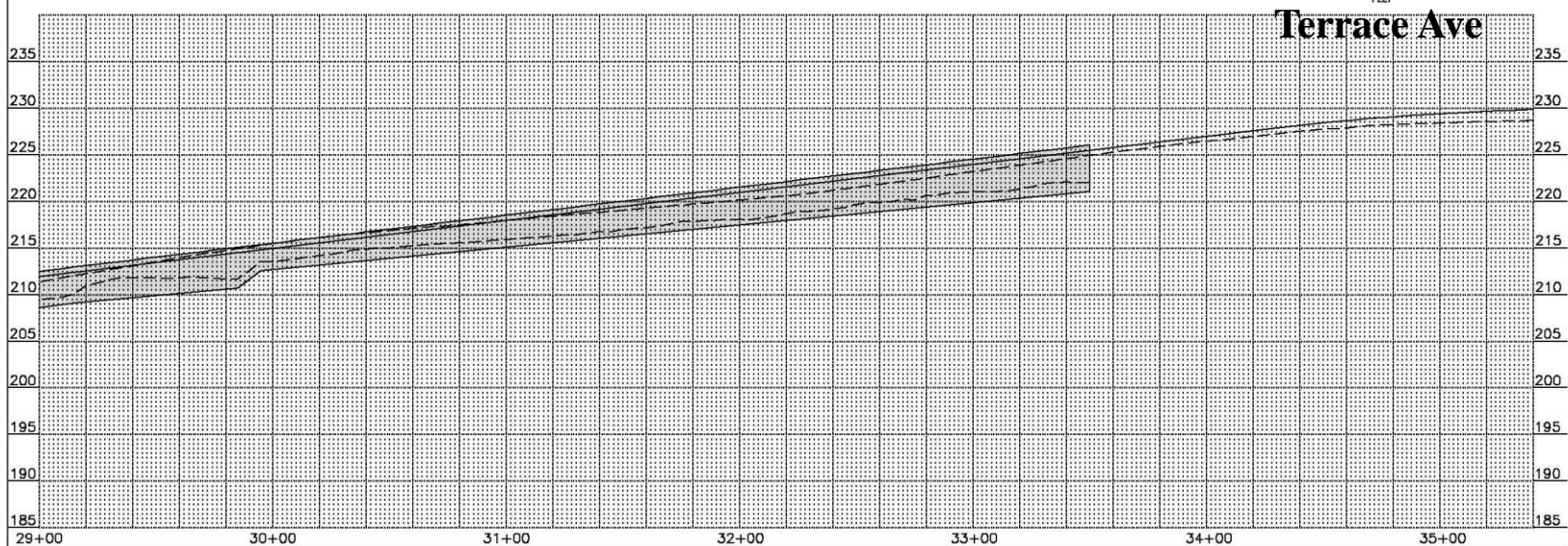
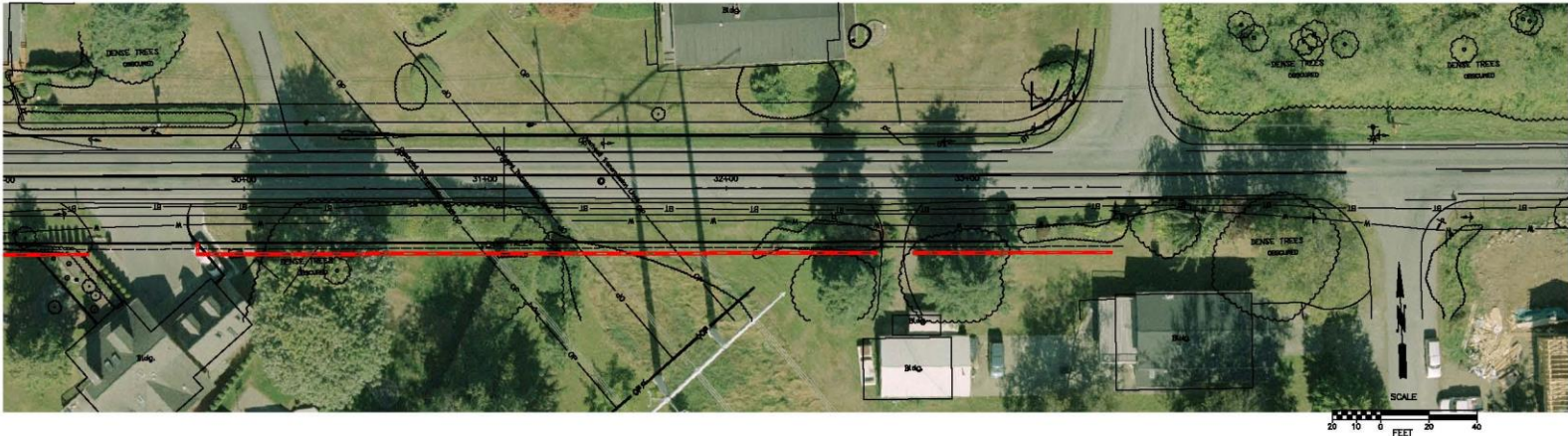
Allan St





# Walls

## Terrace Ave





# *Walls*





# *Walls*



# *Benefits of Center Turn Lane/Median*

- Safe place for vehicles to enter/leave roadway
- Traffic Calming (to keep speeds to 35 mph and less)
- Reduced impervious area improves water quality of Drayton Harbor





# *Examples of Other 3-lane Roadways*



- NE Juanita Drive –  
Kirkland  
(18,064 ADT - 2005)



# *Examples of Other 3-lane Roadways*

- NE 70<sup>th</sup> St – Kirkland (19,146 ADT - 2005)





# *Examples of Other 3-lane Roadways*



- Lake Washington Blvd – Kirkland (23,423 ADT -2005)



# *Examples of Other 3-lane Roadways*

- Old Redmond Road – Redmond  
(13,237 AWDT -2005)





# *Current Cost Comparisons*

<b>3-Lane Section</b>	<b>\$3.75 to \$5.01 Million</b>
<b>4-Lane Section</b>	<b>\$4.15 to \$5.55 Million</b>

Costs shown are total project costs including engineering, construction, and right-of-way. It assumes construction in 2008.



*Questions?*





