

Eagle Harbor Drive Phase I Non-Motorized Project Option Discussion

- Project is included in the CIP in 2024
- Design confirmation needed to begin right-of-way acquisition
- Discussion goal: *Is there Council interest in exploring higher-cost alternatives?*

Eagle Harbor Drive Phase I Non-Motorized Project Area



Eagle Harbor Drive Phase I Non-Motorized Options

April 20, 2021

Eagle Harbor Drive Phase I Non-Motorized Project Area



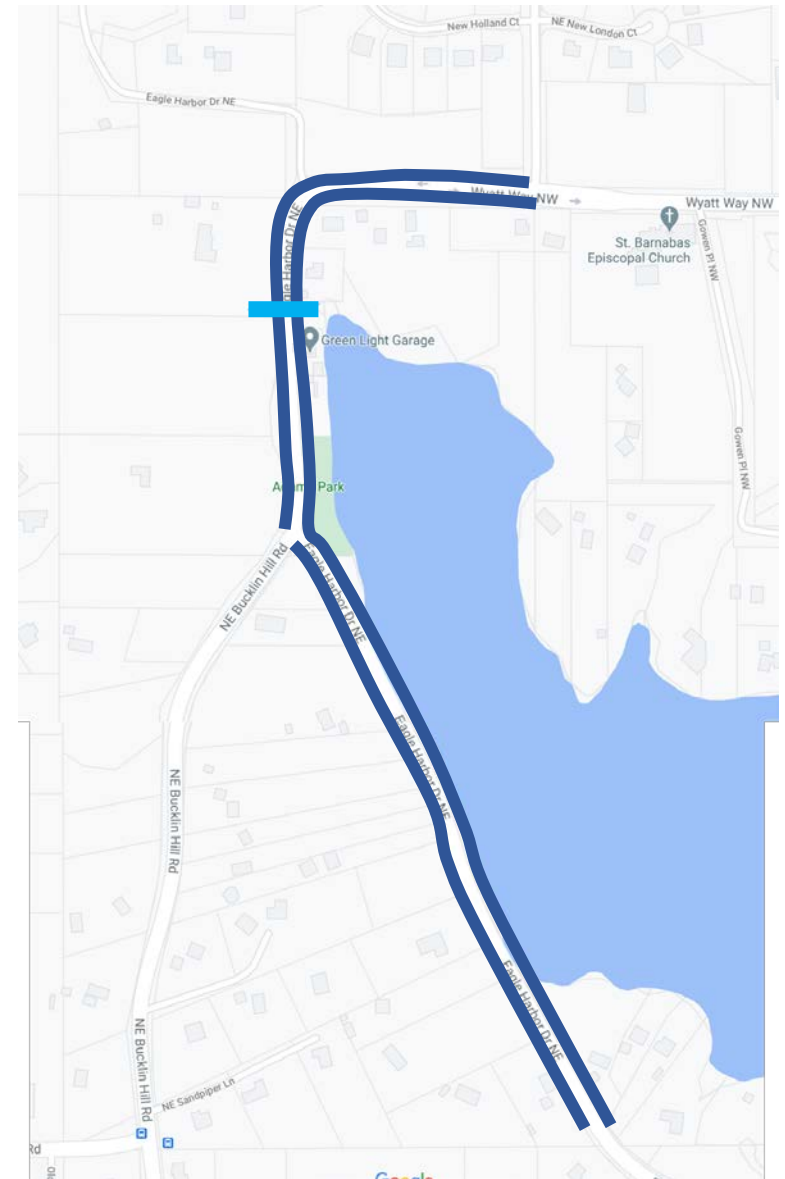
Table 2. Sea Level Rise Visualization Parameters

Visualize flooding risk from sea level rise for yourself using the following parameters for water level above MHHW in the NOAA [Sea Level Rise Viewer](#)

	Risk Profile	Currently	By 2050	By 2120
1	Very High Risk of Future Flooding (99% chance)	+3.1'	+3.2'	+3.8'
2	High Risk of Future Flooding (90% chance)	+3.1'	+3.5'	+4.7'
3	Moderate Risk of Future Flooding (50% chance)	+3.1'	+3.9'	+5.9'
4	Low Risk of Future Flooding (10% chance)	+3.1'	+4.3'	+7.4'
5	Very Low Risk of Future Flooding (1% chance)	+3.1'	+4.7'	+10'

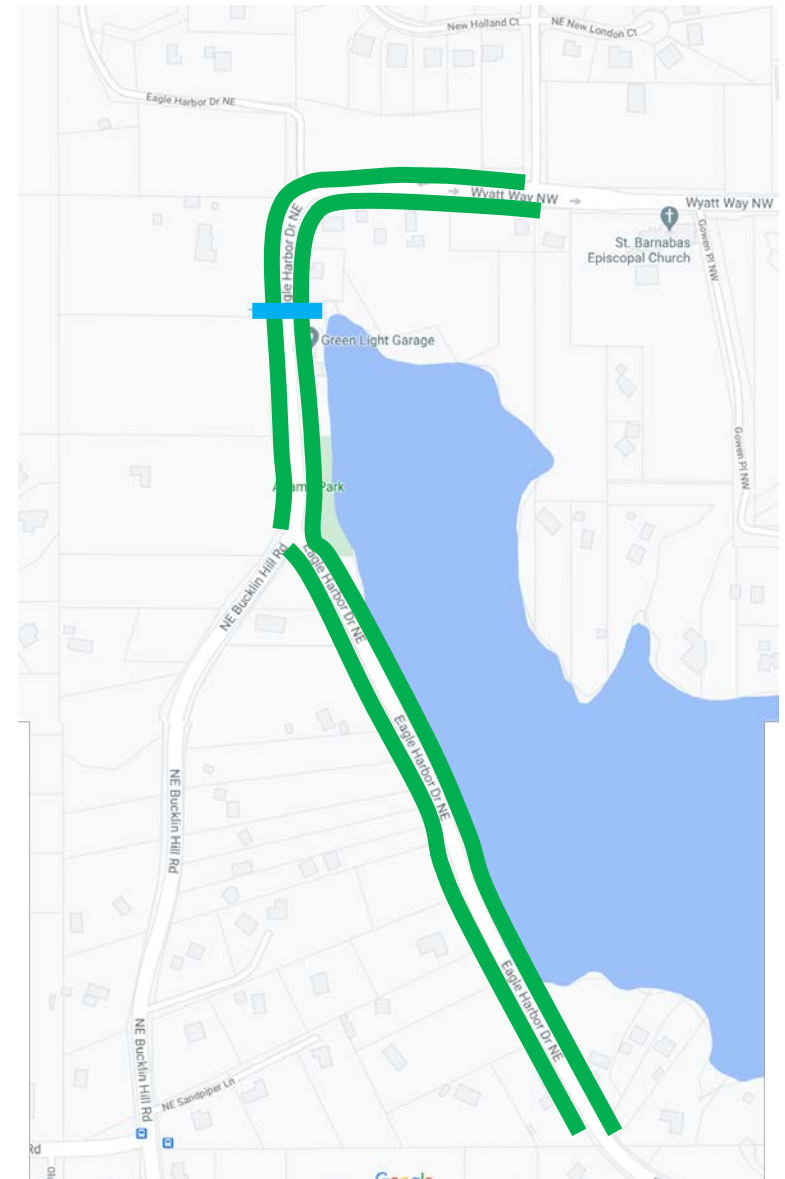
EH PH I Design Option 1

- 7'-wide shoulders both sides
- In-house design
- Right-of-way acquisition
- Preliminary Cost estimate:
 - \$735K Fed grant
 - \$115K City funds
 - \$550K SSWM (fish culvert)
 - \$1.4 M**
- Budget = \$1.4M – included in CIP



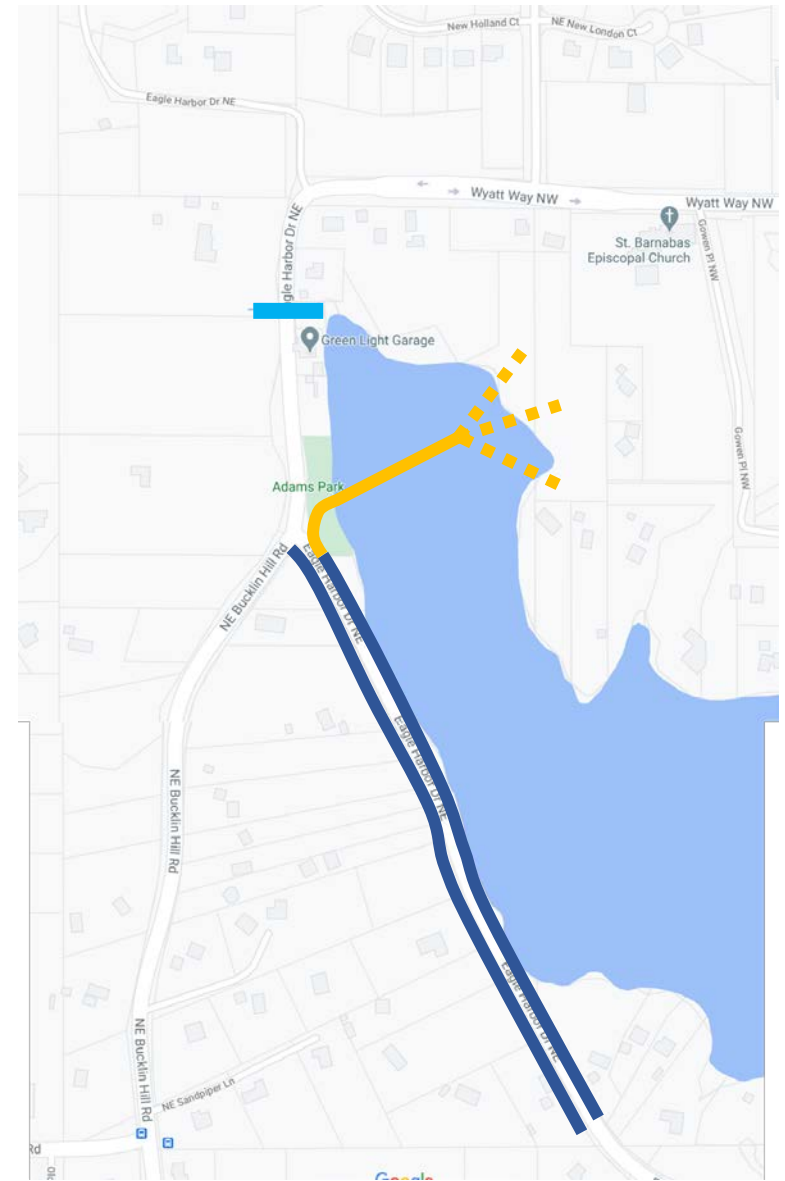
EH PH I Design Option 2

- 5'-wide, physically separated lanes both sides
- Design services needed
- Significant upland right-of-way acquisition
- Preliminary Cost estimate:
 - \$735K Fed grant
 - \$715K City funds
 - \$550K SSWM (fish culvert)
 - \$2.0 M**
- Budget needed = \$600K



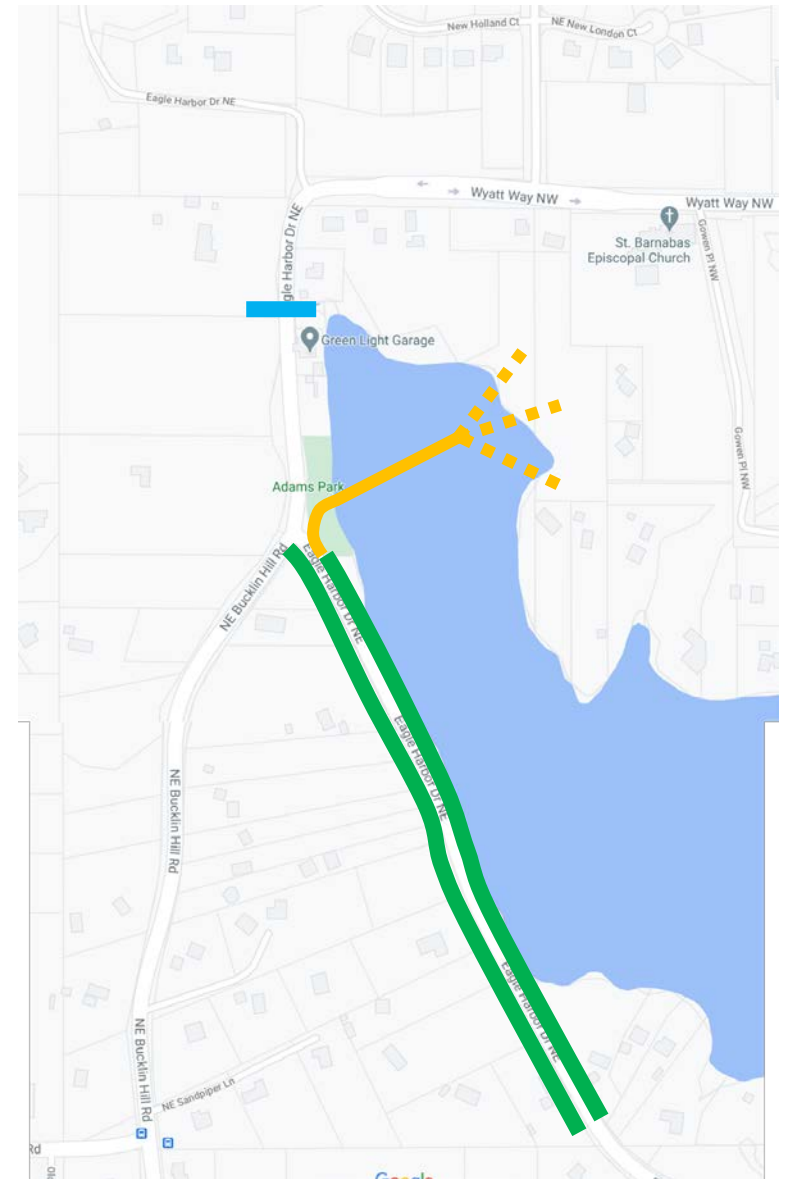
EH PH I Design Option 3

- 7'-wide shoulders (south); boardwalk
- Design + right-of-way/property acquisition
- **Potential SMP code change required**
- Preliminary Cost estimate:
 - \$735K Fed grant
 - \$1.315M City funds
 - \$550K SSWM (fish culvert)
 - \$2.6 M**
- Budget needed = \$1M



EH PH I Design Option 4

- 5'- separated(south); boardwalk
- Design + right-of-way/property acquisition
- **Potential SMP code change required**
- Preliminary Cost estimate:
 - \$735K Fed grant
 - \$1.515M City funds
 - \$550K SSWM (fish culvert)
 - \$2.9 M**
- Budget needed = \$1.4M



Eagle Harbor Drive Phase I Non-Motorized Project Options

- Stay the course with \$1.4M bike shoulder project
- Authorize \$30K budget amendment at the next regular business meeting to explore:
 - Project design alternatives and costs (all)
 - ROW acquisition potential
 - SMP policy options