

# KEY PENINSULA ROUNDABOUT

Lackey Rd NW / Jackson Lake Rd NW / Key Peninsula Hwy NW

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Transportation Engineer  
Pierce County

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PSRC – Rural Town Centers and Corridors

# Key Peninsula

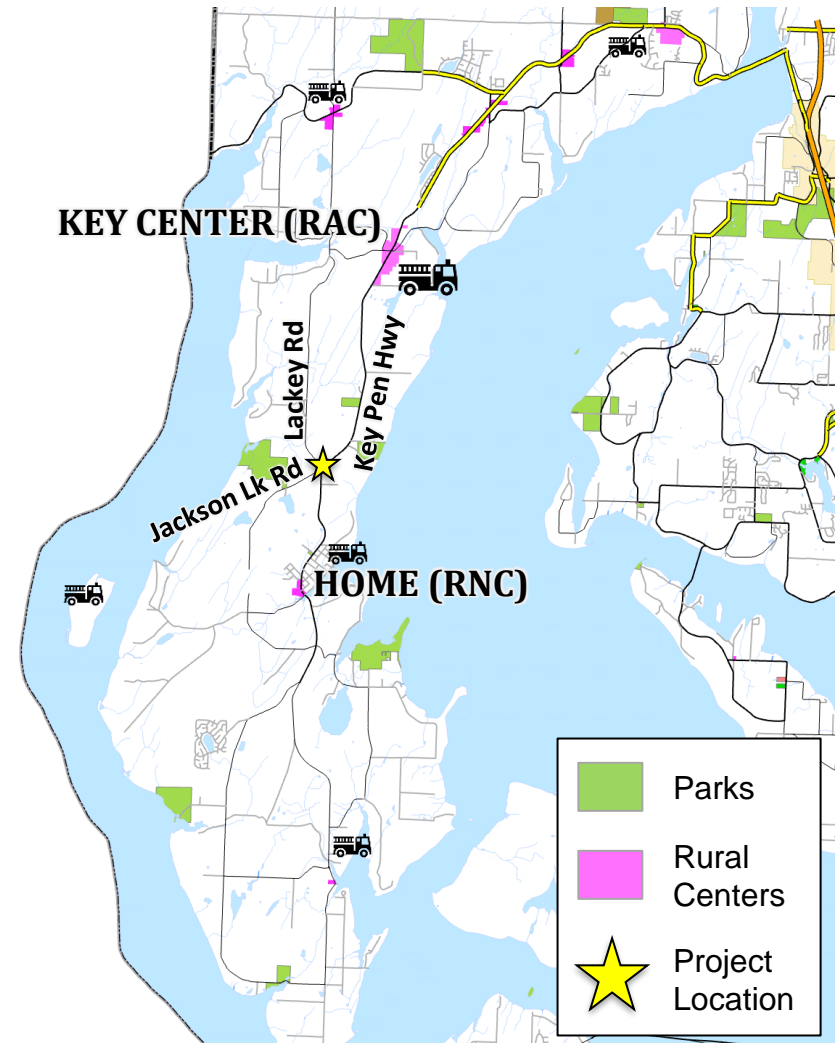
Population – 18,300

## Key Center

Zoning: Rural Activity Center (RAC)  
 97 Acres, Largest Commercial Center on Peninsula  
 Fire District HQ

## ‘Home’

Zoning: Rural Neighborhood Center (RNC)  
 18 Acres  
 Fire Station



# Rural Corridor / Centers

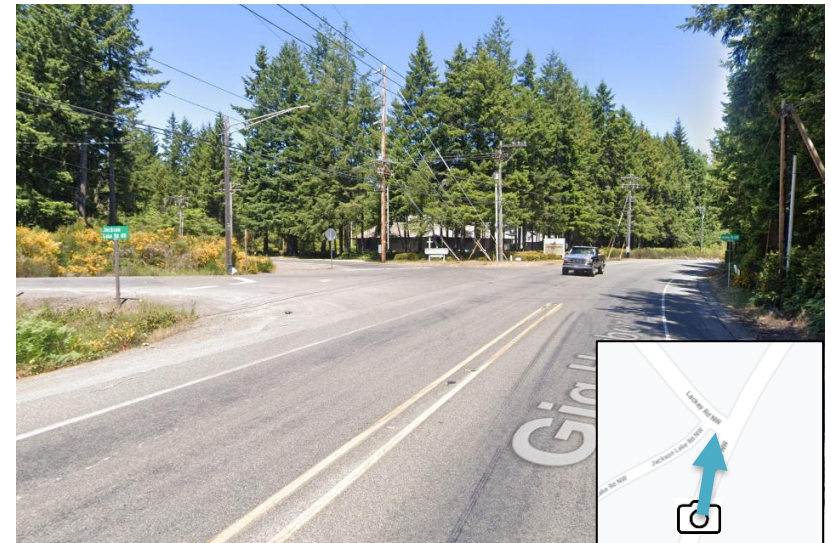
## Key Center RAC ↔ Home RNC 4.6 mile corridor

### ADT

- 7,500 – Key Pen Hwy      45 MPH
- 1,350 – Lackey Rd      40 MPH
- 850 – Jackson Lk Rd      35 MPH



# Existing Intersection



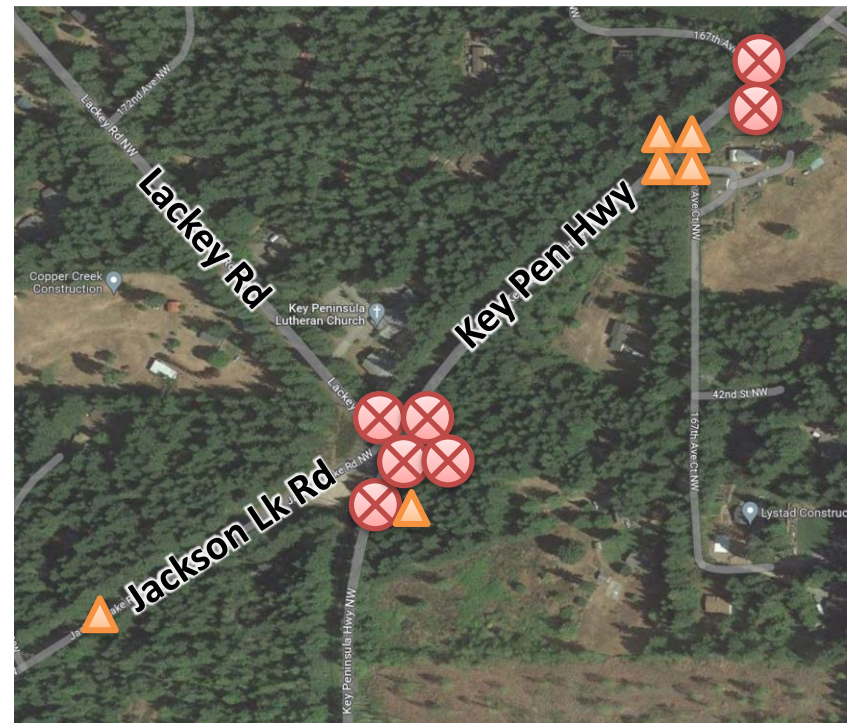
# Safety – Crashes

## 2017/2022 Traffic Report

- 16 Crashes (2012-2016)
- 6 Alternatives Identified
- Warrants not met for signal or multi-way stop

## CRASHES 2017-2021

- ☒ Injury (7)
- ▲ Non-Injury (6)



# Safety – Emergency Access

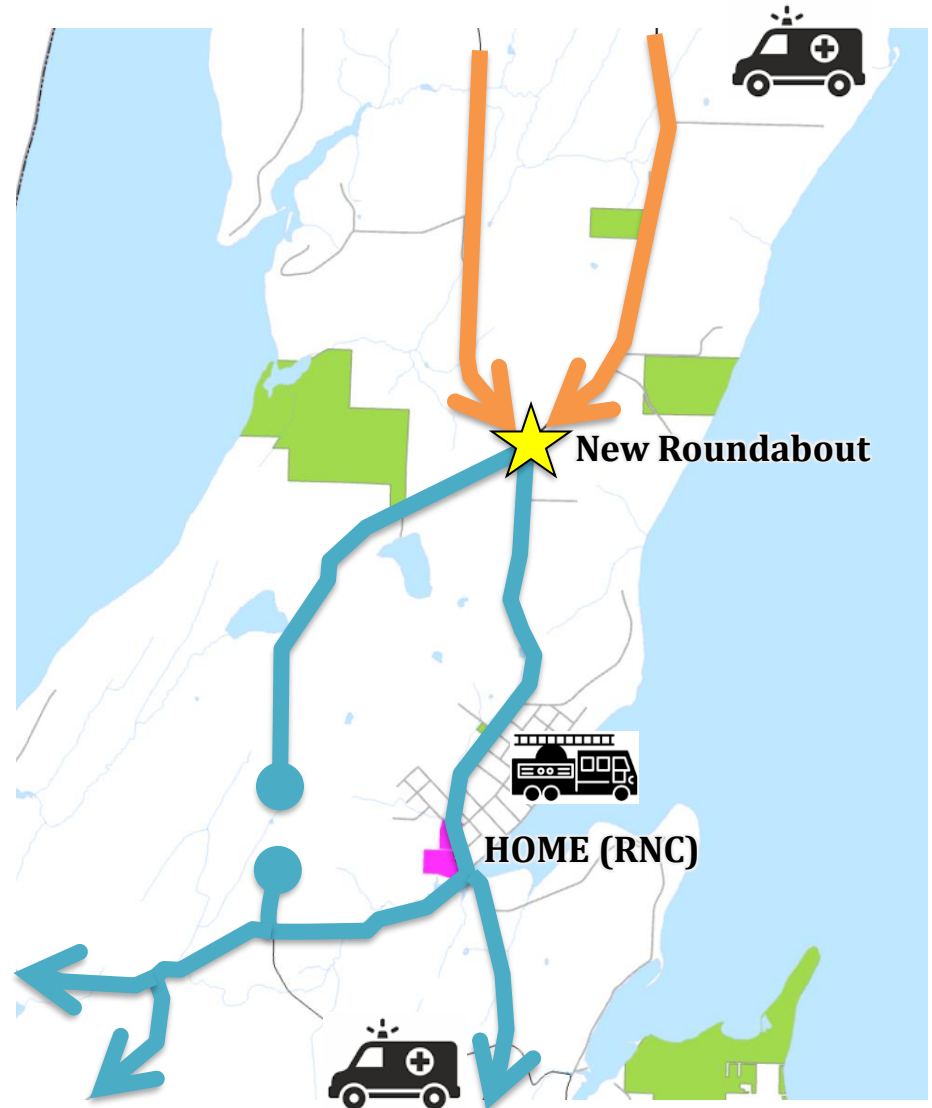
Single Choke Point for  
Emergency Service or  
Evacuation

5,500 Residents s/o Project

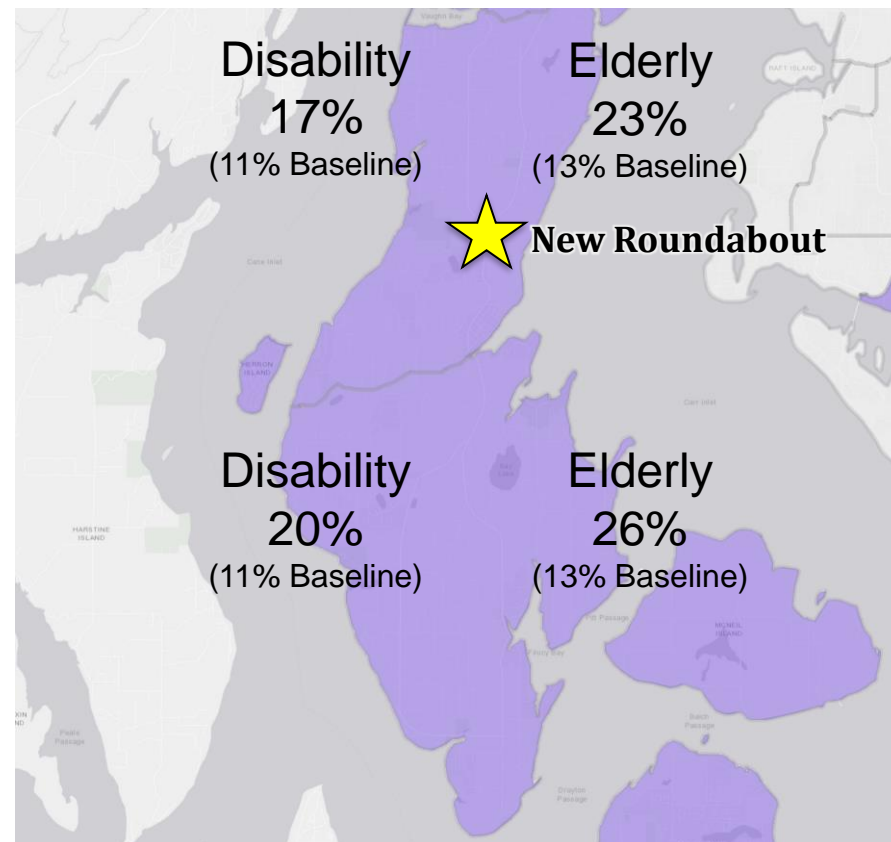
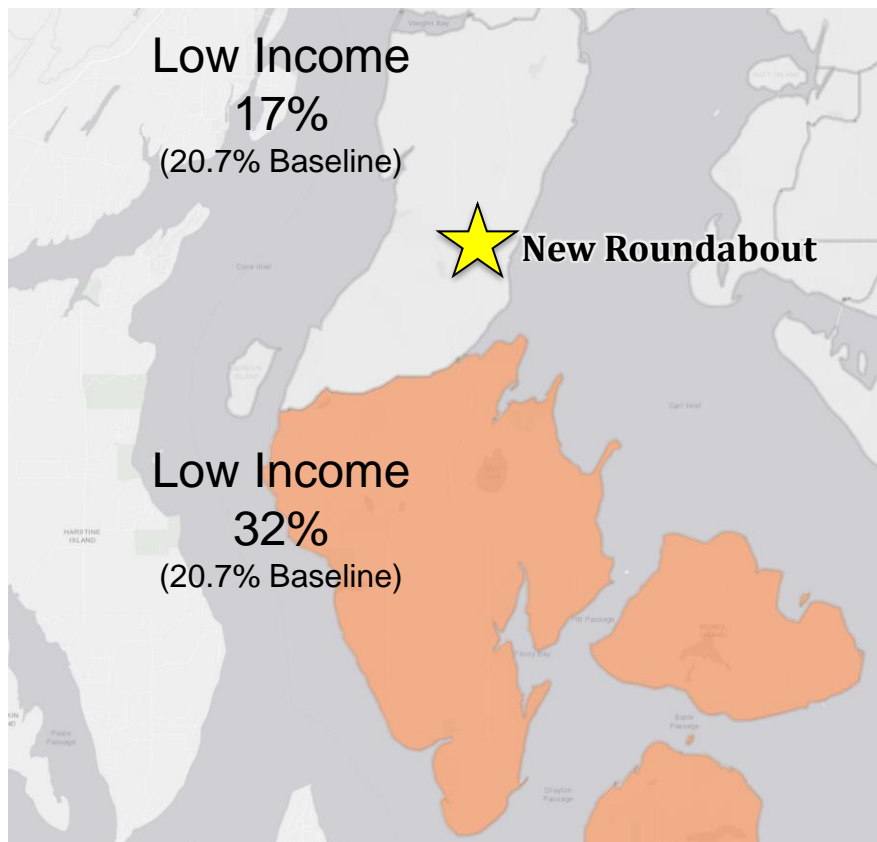
Typical Fire District Staffing\*:

- 1 Medic Unit North
- 1 Fire Unit South
- 1 Medic Unit South

*\*KPFD 2022 Annual Report*



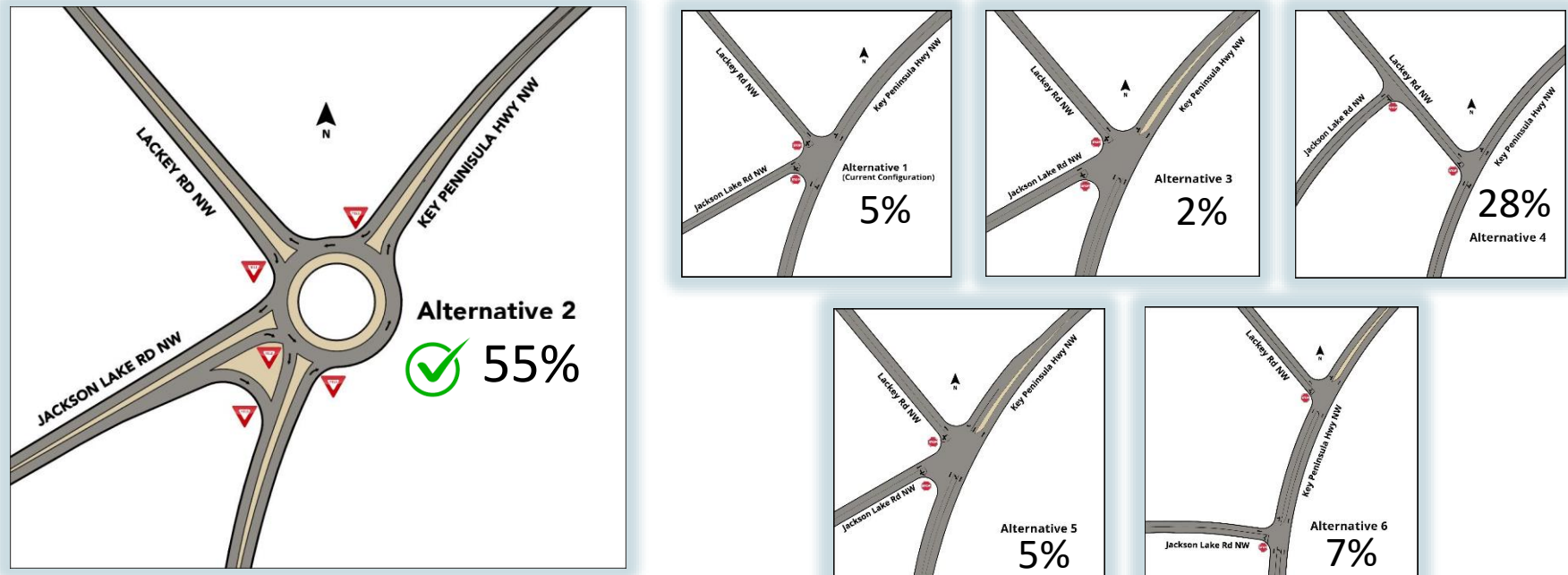
# Equity



# Public Engagement

## 2022 Online Open House

- 4,400+ webpage visits
- 327 survey responses or comments
- Strong support (55%) for roundabout



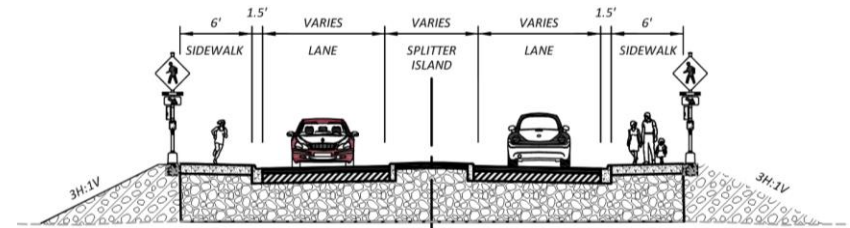


# Work Elements

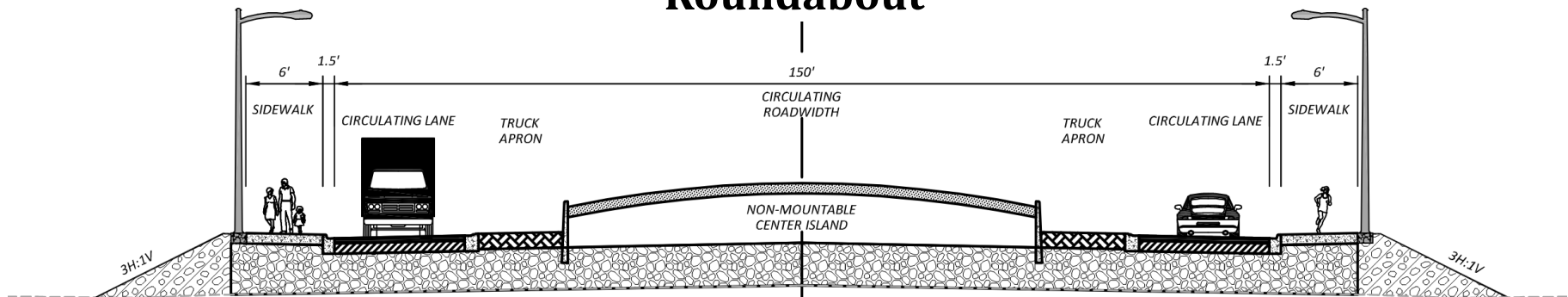
## Single Lane Roundabout

- Raised center island, truck aprons
- Curb, gutter, sidewalk
- Chicanes
- Raised splitter islands, crosswalks
- Rectangular Rapid Flashing Beacons
- Illumination
- Storm drainage

### Approach



### Roundabout



# Estimate and Schedule

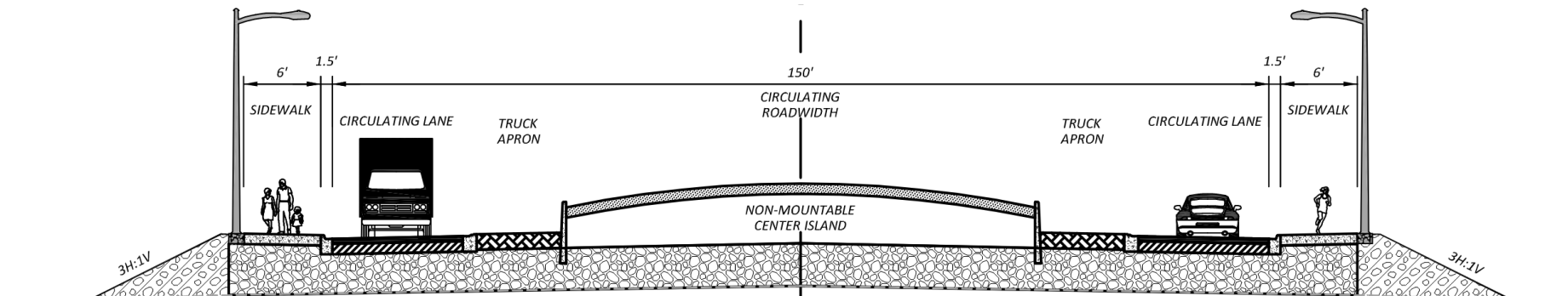
PHASE	COSTS (\$)	SCHEDULE
Design	658,000	2017 – 2026
<i>NEPA</i>		<i>2023 Jan – 2024 Oct</i>
Right of Way	180,000	2024 – 2026
Construction	4,729,000	2026 – 2027
<b>TOTAL</b>	<b>5,567,000</b>	

**RTCC Request: \$ 1,500,000 for CON in 2026**

## KEY PENINSULA ROUNDABOUT

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**\$ 1,500,000 RTCC Request**  
**2026 Construction**



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