

Project Overview

- The project is intended to increase safety for pedestrians, bicyclists, transit users and motorists on a busy section of SE Powell Boulevard (US Highway 26) between SE 20th and SE 34th Avenues
- This area of SE Powell Boulevard (US26) serves 34,600-38,500 vehicles per day, in addition to hundreds of bicyclists, transit riders and pedestrians
- People use the corridor to go to schools, parks, social service agencies, restaurants and shopping. Also used by commuters traveling through the area by car, bus and bicycle to get to work and by trucks for deliveries to local businesses



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What are the Problems?

- This busy section of SE Powell Boulevard (US26) has a history of safety issues and is a high priority for Safety Funding
- High rates of rear-end and turning crashes involving motorists, bicyclists and pedestrians
- Poor visibility of bicyclists and pedestrians, limited sight distances, frequent left turns and side streets that are close together contribute to these crashes
- Crashes in the project corridor between 2009 and 2013 resulted in 188 injuries (with 4 serious injuries and 2 fatalities)



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What are the Problems? (continued)

- Road alignment, including curves and hills, and an abundance of trees create limited visibility between drivers, pedestrians, bicyclists and transit users
- Heavy traffic makes crossing SE Powell Boulevard more difficult
- High numbers of crashes, many involving bicyclists and pedestrians (3 bicycle crashes, 12 pedestrian crashes between 2009 and 2013).
- Signals and signs can be difficult to see



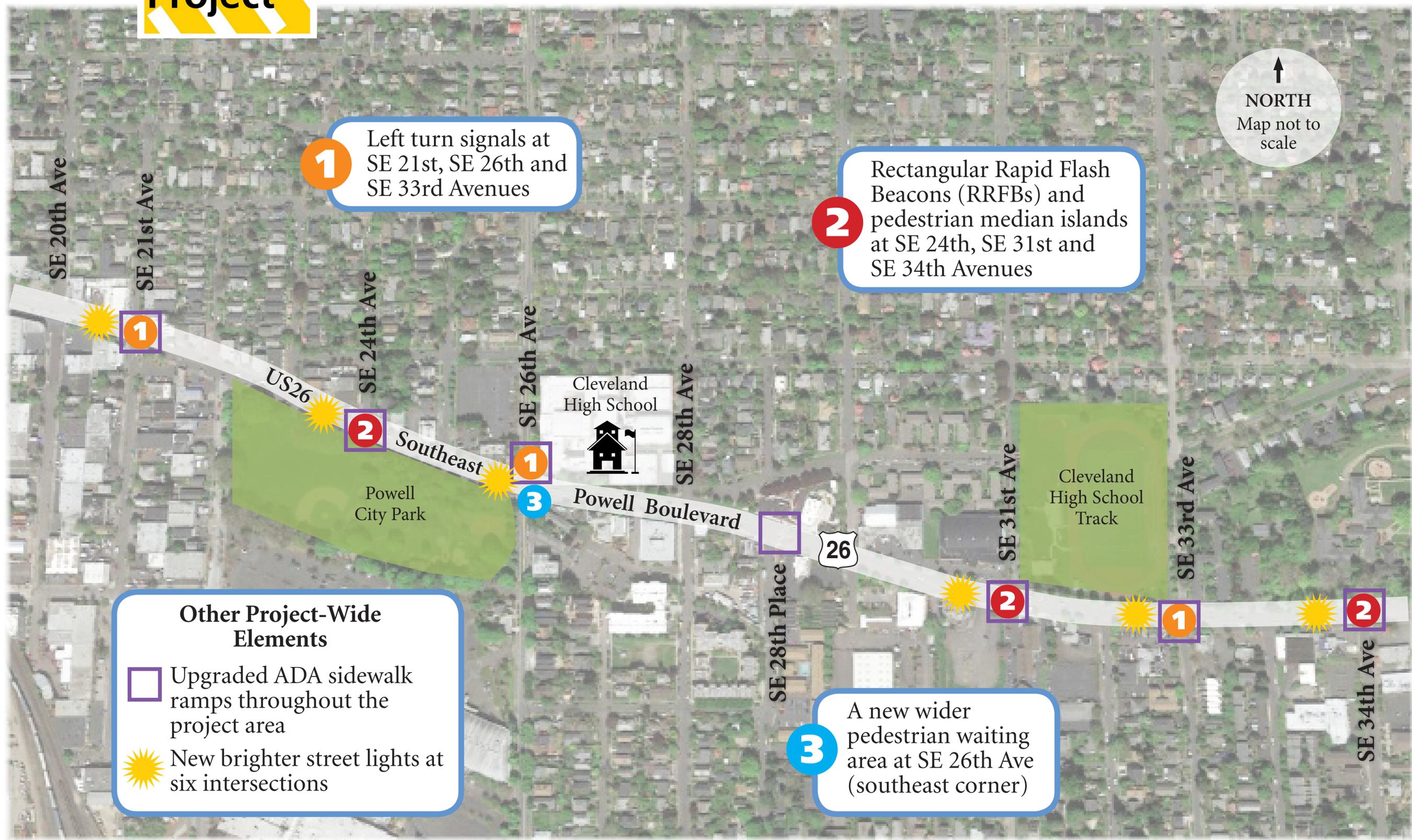
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Powell
Boulevard
**SAFETY
Project**

Powell Boulevard Safety Project:

Southeast 20th to Southeast 34th Avenues



Project Elements

The project is expected to increase safety by reducing the number of severe crashes while minimizing traffic impacts to the neighborhoods and local businesses.

Project Elements Include:

- Three enhanced pedestrian signals (Rectangular Rapid Flash Beacons, RRFBs) will be installed to alert drivers that pedestrians are crossing
- Safer crossings for bicyclists and pedestrians will include high visibility striping and center islands
- A new wider pedestrian waiting area on the southeast corner of 26th Avenue and SE Powell Boulevard near Cleveland High School will provide more space for students crossing Powell



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Project Elements (continued)

- New signals at intersections (21st, 26th, and 33rd) with enhanced safety features, including bigger and more visible signals and poles, as well as countdown and audible countdown pedestrian signals
- Tree removal and trimming to increase visibility
- Improved street lighting at signals and RRFB installation sites
- Increased visibility of bicyclists, pedestrians and motorists
- Red light enforcement aid (not photo-radar)
- Sidewalk ADA ramp improvements and repair of some sidewalks
- Improved signs and more visible street names



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