

## Purpose & Need

### Purpose of the Project

To improve mobility and safety along the SR 502 Corridor between NE 15th Avenue and NE 102nd Avenue, and to improve regional connectivity between Battle Ground, north Clark County, and I-5.

### Need for the Project

#### Mobility

- Additional capacity is needed to improve mobility on SR 502
- Traffic congestion has worsened as population has grown
- Traffic volumes would more than double by 2033
- Intersections would become more congested
- Travel times from the new I-5/SR 502 Interchange to Battle Ground would double
- Freight movement would slow and be more costly

#### Safety

- Above average number of severe accidents along SR 502 compared to other state highways
- Rate of collisions on SR 502 has increased since 2001
- Drivers would wait five or more minutes at unsignalized intersections for a gap to turn left onto SR 502, causing frustration and increased risk taking to enter roadway
- Deficient shoulder widths hinder emergency parking and safe pedestrian and bicycle travel