

Roundabout at 4th Street and Pacific Hwy



La Center

3rd street to Pacific Highway

City of La Center

Project Goal:

- The 4th Street and Pacific Highway intersection is the highway to commerce. Reconstructing this intersection with a roundabout improves mobility for freight, school busses, pedestrians and bicyclist.
- The intersection is a popular crossing point during all hours of the day for pedestrians and travel length is over

Project Outcome

- The construction the roundabout allows traffic to flow with very little delay. Pedestrian safety has increased in the crosswalk.

Project Information

Federal Funding Program: STP-Rural

RTC Awarded Funding: \$830,000

Total Project Cost: \$2,178,930

Project Type: Road Improvement

Project Length: 0.04 miles

Function Classification: Major Collector

Daily Traffic Volume: 12,000

Project Description

The project consists of construction of a roundabout at the intersection of 4th Street and Pacific Highway. The roundabout is 110-feet outside diameter and 55-foot inscribed circle with a 15-foot wide circulating roadway and 12.5-foot truck apron. The decision to construct a roundabout at this intersection has dramatically improved mobility, access and pedestrian safety.

Project Funding

Phase	Year	Federal Funds	Other Funds	Total
PE	2015	\$ 138,000	\$	\$ 138,000
ROW	2017	\$ 0	\$	\$
CN	2018	\$692,000	\$ 1,348,000	\$
Total		\$ 830,000	\$ 1,348,000	\$ 2,178,930

Project Outcome Details

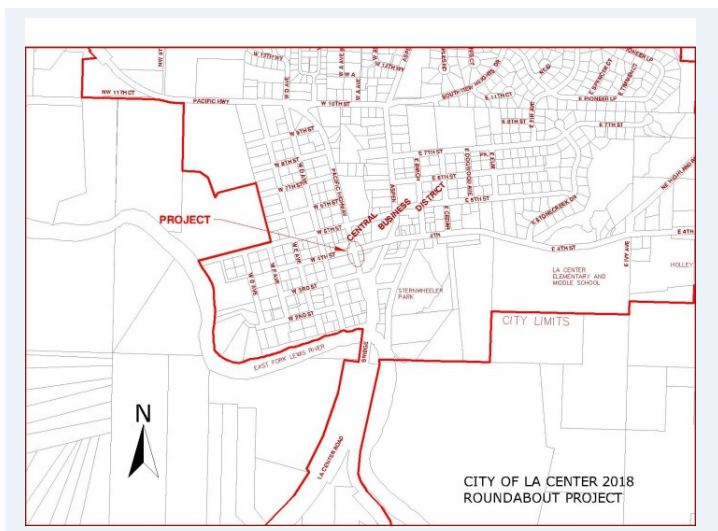
Before the roundabout construction, there was a long delay for traffic stopped at 4th Street entering Pacific Highway with a level of service D. The roundabout has increased mobility with shorter wait time and it is estimated the level of service is B for all legs of travel currently.

School bus queuing on 4th Street during the peak hour has decreased, and they no longer take alternate routes to go to and from school to avoid traffic.

Pedestrian length of travel across Pacific Highway is shorter because of decreased length of travel and traffic refuge in the central islands. The previous length of travel across Pacific Highway was 47-feet for pedestrian crossing and the length of travel now is 15-feet to the traffic refuge island.

Prior to constructing the roundabout, trucks frequently had to cross the opposite travel lane, to turn from Pacific Highway to 4th Street easterly. The roundabout has allowed trucks to maneuver the roundabout without crossing in oncoming lanes.

MAP



Before



After

