

# South Auburn Street Roundabout Project

**Design:** November 2017 - Summer 2018

**Construction:** Fall 2018 - Spring 2019

## Project Description:



The City of Colfax, in partnership with Placer County Transportation Planning Agency (PCTPA), Caltrans, and Maidu Village Travel Center is embarking on the design and construction of a roundabout at the intersection of South Auburn Street and the Westbound Interstate-80 on/off-ramps. The intersection is currently controlled by an all-way stop (stop signs). Unfortunately, the intersection isn't keeping-up with the increasing traffic demands and should be upgraded to a modern roundabout. The decision to move the project improvements forward was based on an October 2016 Study which evaluated different traffic control methods including a 4-way stop with more lanes, signalization, and a roundabout. A roundabout was clearly identified as the most suitable traffic control system. This roundabout will:

- Reduce bottlenecks at the South Auburn Street and Westbound Interstate-80 on/off-ramps,
- Improve traffic circulation,
- Provide safe access to the undeveloped parcel to the west, and
- Reduce vehicle emissions.

A roundabout is a circular intersection in which traffic travels counterclockwise around a center island and entering traffic must yield to circulating traffic. Roundabouts offer advantages over traffic signals by increasing traffic capacity between 30 percent and 50 percent compared to traditional intersections. Also, since most vehicles entering the intersection are only required to

yield (not required to stop), vehicle emissions from stopping and starting at the intersection and delays to motorists will be greatly reduced.

The project components include:

- A dedicated southbound lane for the I-80 on-ramp,
- Access to the undeveloped parcel to the west,
- Pedestrian and bicycle facilities,
- A precisely designed traffic roundabout that can accommodate semi-trucks,
- Yield signs and traffic channelizers at all entry approaches of roundabout to regulate and deflect traffic,
- High visibility pedestrian crosswalks, and
- Resurfacing of South Auburn Street within project limits.

The City has retained Omni-Means Engineering to design the project.

**For additional information regarding this project, please contact City Hall: (530) 346-2313.**