

San Joaquin One Voice® Project Request

State Route 120 / Main St Diverging Diamond Interchange (DDI) Project

Project Summary:

The City of Manteca is proposing improvements to the Main Street / State Route 120 interchange to enhance circulation and mobility, and provide operational and safety improvements. The project has been planned to address the anticipated traffic generated from ongoing local development and growth, and enhance circulation and mobility for vehicular traffic, bicycles, and pedestrians including a grade-separated Class I bikeway and pedestrian path.

The Project will construct new on & off-ramps and widen Main Street to 4-lanes between Woodward Ave and Industrial Drive. The unique design configuration with the proposed Diverging Diamond Interchange (DDI) will not require R/W acquisition as part of the project. The DDI will also allow using the existing overcrossing bridge for widening the existing roadway that would save by more than \$7 million in construction cost. Furthermore, the efficiency of traffic flow will be increased by more than 30% due to the innovative DDI design and the grade-separated bike and pedestrian path.

As the project moves on to the planning phase in 2022-23, the City staff will coordinate several public meetings during the Project Study Report (PSR). Throughout the public meetings and public notifications procedures, the unique design configuration of DDI will be provided as part of public education as well. The City made a great success on the SR120/Union Road Diverging Diamond Interchange. As such, this new DDI project with similar design configurations can be expedited throughout a streamlined process since the traffic safety and efficiency have been improved significantly, e.g., a proven traffic and transportation system on a large scale

Current Project Status: RFP for Project Study Report (PSR) – preliminary design (2022)





EXHIBIT
SR 120 / MAIN STREET
DIVERGING DIAMOND INTERCHANGE PROJECT
CITY OF MANTECA

