

Summary Form for Electronic Document Submittal

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Project Description (Proposed actions, location, and/or consequences):

The project proposes to reconfigure the State Route 91 (SR-91)/Adams Street interchange from post mile (PM) 15.1 to 16.2 in the City of Riverside in Riverside County, California. The project proposes a hook ramp configuration for the SR-91/Adams Street interchange. It would eliminate the intersection between the eastbound ramps and Adams Street. The eastbound ramps would be moved to create a hook ramp that would intersect Indiana Avenue east of the Adams Street overcrossing. The off-ramp terminals in both directions would be widened from two to three lanes. The eastbound off-ramp would consist of a dedicated left-turn lane and two dedicated right-turn lanes. The westbound off-ramp would consist of a dedicated left-turn lane, a through/left-turn/right-turn lane, and a dedicated right-turn lane. The westbound on-ramp would consist of three lanes that would taper to one lane before joining SR-91. The eastbound on-ramp would consist of two lanes that would taper to one lane before joining SR-91. The portion of Indiana Avenue between the eastbound ramps and Adams Street would be widened from two to three lanes in each direction. Indiana Avenue would be widened to provide dedicated turn lanes to the hook ramps.

With the proposed project the existing Adams Street bridge would be replaced. In the northbound direction, the structure would consist of two through lanes, two dedicated left-turn lanes, a bike lane, and a six-foot-wide sidewalk. In the southbound direction the structure would consist of two through lanes, two dedicated left-turn lanes, a bike lane, and a six-foot-wide sidewalk.

A pump station is located in the southwest quadrant of the interchange along the outside shoulder of the eastbound off-ramp at the freeway level within State right of way. The proposed project would impact the existing pump station and require relocation farther to the south. The pump station would be redesigned to capture increased runoff due to the added impervious area. The existing two 45 horsepower duty pumps can continue to service the pump station with modifications. The existing duty pumps would take stormwater runoff and convey it to the bioretention basin. The current connection between the pump station and the concrete ditch would be abandoned and a diversion to the bioretention basin would be added to the discharge pipe. The pumps would continue to operate as they currently do, with discharge from the proposed best management practices (BMPs) released through an underdrain collector or from the overflow structure to a storm drain pipe that would connect to the existing concrete drainage ditch downstream of the bioretention basin. The bioretention basin would be sized to treat the required water quality volume and accommodate detention requirements.

The proposed project would result in permanent right of way acquisition of 0.68 acres. Planned property acquisitions would affect commercial, office, residential properties as well as land owned by California Baptist University.