

Notice of Section 401 Application Reception

File Number: 332022-14

Project Name: State Route 71/State Route 91 Interchange Improvement Project

Date Posted: 7/12/2022

Received: 7/05/2022

Project City: Corona

Project County: Riverside

Applicant Organization: Riverside County Transportation Commission

Applicant Name: Anne Mayer

Waterboard Staff: TBA

Brief Description of Project:

Project Description: This project is a major element of RCTC's 10-year Measure A delivery plan and a high priority within the region. The SR-91/SR-71 Interchange is a significant source of traffic congestion in the area. The overall purpose and goal of the project is to improve the operational efficiency of the eastbound (EB) SR-91 to northbound (NB) SR-71 connector, minimize future congestion and delay in the EB direction of SR-91 between Green River Road and the SR-91/SR-71 interchange, improve accessibility to SR-71 from EB SR-91 at Green River Road and improve access and reduce congestion associated with weaving from Green River Road to EB SR-91.

Project Activities: Six bridge columns and footings are proposed west of SR-71, encompassing a total area of 675 square feet or 0.015 acre. Two of the footings would be located on the levee of the Santa Ana River Channel Spillway, and four footings would be located outside the spillway. Four of the column footings would be cast-in-drilled-hole (CIDH) piles, while Footings #5 and #8 would be spread footings with multiple CIDH shafts. Four other footings would be constructed south of SR-91. Permanent and temporary measures have been incorporated into the bridge column design and construction methods to minimize potential impacts to the existing channel levee. Grading of hillside slopes generally located north of SR-91 and west of SR 71 would be required to accommodate the flyover bridge structure and realignment of the SR-71 SB connector to EB SR-91. Most of the SR-71 realignment would be constructed within an existing Caltrans easement; however, hillside slope grading would be required to construct a maximum 2:1 gradient and provide a long-term roadway/slope/drainage easement west of the SR-71 travel lanes. Additional improvements include modification or construction of new drainage facilities. Treatment features may include biofiltration swales along the toe of slopes and retention/detention basins within the project limits.