

Notice of Section 401 Application Reception

File Number: 302024-05

Project Name: Golden Avenue over Carbon Canyon Creek Channel

Received: 3/11/2024

Date Posted: 3/12/2024

End of 21 Day Public Comment Period: 4/02/2024

Project City: Placentia

Project County: Orange

Applicant Organization: GPA Consulting

Applicant Name: Jennifer Johnson

Waterboard Staff: CL

Brief Description of Project:

Project Description: The purpose of the project is to replace a functionally obsolete bridge.

Project Activities: Excavation to a maximum depth of 15 feet would be required on the un-lined upper banks to construct the cast-in-drilled-hole piles, abutment footings, and abutment seats. There will be proposed bridge drains on the west side of the bridge and proposed roadway drains on the east side of the bridge that will connect to a proposed manhole. From the manhole, one proposed collector pipe will connect to the existing channel at one location within a portion of the creek channel owned by Orange County Public Works. To connect the storm drain pipe, work in the creek channel would be required to form the reinforced concrete collar around the storm drain pipe at the connection to the channel. This work would include chipping/jack hammering of the existing concrete creek channel walls, trenching within the earthen portion outside of the creek channel, and grouting/cementing of the outfall structure. Construction would be conducted during the dry season (estimated April to October) and when no surface water is expected to be in the creek channel; therefore, a water diversion would not be required for the project. Should unexpected nuisance flows enter the creek channel from urban runoff, temporary sand bags would be placed in the concrete-lined channel upstream of the construction area to prevent any nuisance flow from entering the construction area. The trees on both sides of the bridge would be removed to construct the project.