

Notice of Section 401 Application Reception

File Number: 332025-08

Project Name: South Norco Channel Stage 2 Project

Received: 3/11/2025

Date Posted: 3/25/2025

End of 21 Day Public Comment Period: 4/15/2025

Project City: Norco, and Corona

Project County: Riverside

Applicant Organization: City of Norco

Applicant Name: Sam Nelson

Waterboard Staff: TBA

Brief Description of Project:

Project Description: The existing earthen South Norco channel reach does not have the capacity to convey the 100-year discharges. The proposed channel improvements will provide flood protection to thirty (30) residences and/or businesses adjacent to the channel and remove flood insurance requirement for those properties currently within the FEMA Zone AE floodplain.

Project Activities: The proposed South Norco Stage 2 Project provides drainage improvements for the South Norco Channel from Hamner Avenue to the confluence with South Norco Channel Line SB just east of River Road. The existing earthen South Norco channel reach does not have the capacity to convey the 100- year discharges and several surrounding properties are located within a Federal Emergency Management Agency (FEMA) Zone AE floodplain. The proposed channel improvements will provide flood protection to thirty (30) residences and/or businesses adjacent to the channel and remove flood insurance requirement for those properties currently within the FEMA Zone A floodplain. The project will replace nearly 5,800 feet of mainline channel with a new channel that is sized to contain the 100- year storm event. The proposed improvements include the following segments: Between the back of American Boat Storage parking lot & Parkridge Ave. This segment uses a cast-in-place (CIP) Double- 14'Wx7'H reinforced concrete box (RCB) that will be built per Caltrans Standard plans D81 & D82. The RCB an average of 18" of cover and will connect into an existing 2 cell – 14'Wx9.5'H RCB. The RCBs will connect to have the same soffit elevation. The invert connection between the (2) structures will involve a concrete drop-off wall. Between Parkridge Ave.& First St. This segment uses a cast-in-place (CIP) rectangular concrete channel (30'W X 8.5'H). Rectangular transition structures will be provided at connection with the upstream and downstream structures. The First Street Crossing will be a cast-in-place (CIP) 5 cell –

7'Wx6'H RCB that will be built per Caltrans Standard plans D81 & D82. Between First St. & Mountain Ave This segment uses a cast-in-place (CIP) rectangular concrete lined channel (30'W X 6.5'H). Rectangular transition structures will be provided at connection with the upstream and downstream systems. The Mountain Avenue Crossing will be a cast-in-place (CIP) 4 cell – 8'Wx6'H RCB that will be built per Caltrans Standard plans D81 & D82. Upstream of Mountain Ave This segment uses a cast-in-place (CIP) rectangular concrete lined channel (28'W X 6.5'H). Rectangular transition structures will be provided at connection with the downstream system.