

2025 Progress Report to the 2021 Orange County & Orange County Fire Authority Hazard Mitigation Plan (FEMA approval December 2021)

2021 Plan Project Number	Mitigation Action Item	Coordinating Organization	Status
OCPW1	Santa Ana River Channel Project - Design and Construction of Flood Control Improvements	Orange County Public Works	<p>Ongoing - OCFCD, as the local sponsor for the Prado Dam Project, completed the right-of-way and utility certification packages, which were submitted to USACE in July 2025 and December 2025, respectively. The Engineering Documentation Report (EDR) for Santiago Creek (part of the original authorized project) was completed in March 2025. The design is being amended to accommodate language from the 2024 Water Resources Development Act (WRDA). Dredging of the Santa Ana River near the ocean outlet is planned for the future.</p>

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OCPW2	East Garden Grove-Wintersburg Channel (Facility No. C05) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Multiple project reaches within the Flood Control Capital Improvement Program have been undergoing various stages of study or design. The reach from Warner to Goldenwest was completed in 2023. The bridges at Warner, Springdale, and Edwards were completed in March 2025. Improvements to the downstream Warner Avenue bridge at Bolsa Bay are programmed for the future. These reaches were part of the major feasibility study completed in 2020 by OCFCD and USACE. OCPW actively seeks federal appropriations and grant funding.
OCPW3	San Juan Creek Channel (Facility No. L01) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reaches between the ocean outlet and upstream of the Trabuco Creek Channel confluence, and the reach from upstream of Trabuco Creek Channel confluence to downstream of the I-5 freeway are planned for the future.
OCPW4	Trabuco Creek Channel (Facility No. L02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reaches between the San Juan Creek confluence and 2,300 feet upstream of Del Obispo are planned for the future.

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OCPW5	Westminster Channel (Facility No. C04) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Facility reaches were part of the major feasibility study completed in 2020 by OCFCD and USACE. OCPW actively seeks federal appropriations and grant funding.
OCPW6	Santa Ana-Delhi Channel (Facility No. F01) Project, Lower Reach - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing – Design of the lower reach, including the bridge to Mesa Drive, is ongoing. Design is anticipated to be completed in May 2026, with construction proposed to begin in August 2026. Right-of-way acquisitions and permitting are ongoing.
OCPW7	Oceanview Channel (Facility No. C06) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	<p>Completed - USACE completed improvements and repairs to one reach. OCPW also contributed to an improvement project as part of the I-405 widening project by OCTA, which was completed in August 2024.</p> <p>Ongoing - Facility reaches were part of the major feasibility study completed in 2020 by OCFCD and USACE. OCPW actively seeks federal appropriations and grant funding.</p>

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OCPW8	Lane Channel (Facility No. F08) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reach from the San Diego Creek confluence to Jamboree Road and from Main Street to Redhill Avenue are planned for the future. The facility reach from Jamboree Road to Main Street was completed in February 2021.
OCPW9	Carbon Creek Channel (Facility No. B01) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - A complex system-wide facility study was completed in December 2022 to determine ultimate improvements. Recommended concepts will be applied to project reaches from upstream of Gilbert Street to Euclid Street and other future project reaches.
OCPW10	Brea Creek Channel (Facility No. A02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing –Improvements to the channel are planned for the future.
OCPW11	Fullerton Creek Channel (Facility No. A03) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Completed - The reach from Western Avenue to downstream of Beach Blvd was completed in 2019. The reach from Beach Blvd. to I-5 Freeway was completed in 2021. Ongoing – Improvements to the reach from I-5 Fwy to Dale Avenue are planned for the future. A facility study including this reach has been in progress since 2021.

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OCPW12	Santa Ana-Santa Fe (Facility No. F10) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reach from the confluence with Peters Canyon Channel to Newport Avenue are planned for the future.
OCPW13	Santa Ana Gardens Channel (Facility No. F02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reach from downstream of Alton Avenue to Segerstrom Avenue are planned for the future.
OCPW14	Bolsa Chica Channel (Facility No. C02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Maintenance repairs were completed for the reach between Westminster Avenue and the 22 Freeway in 2020. Improvements to other reaches are planned for the future.
OCPW15	Peters Canyon Channel (Facility No. F06) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Completed - The City of Tustin constructed the reach from Warner Ave. to Edinger Ave, and the project was completed in 2020. Ongoing – Improvements to the reach from San Diego Creek confluence to downstream of Barranca Parkway are planned for the future.
OCPW16	Laguna Canyon Channel (Facility No. I02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Completed - The major repair project for the reach from Laguna Canyon Frontage Road to Woodland Drive that failed in the 2/14/19 storm event, was completed in October 2023.

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OCPW17	Huntington Beach Channel (Facility No. D01) and Talbert Channel (Facility No. D02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Completed - The rehabilitation project addressed corroded steel sheet pile channel walls with less than 10-year remaining service life so that the system can continue to provide the needed flood protection and for FEMA levee re-accreditation. Project construction was completed in July 2023.
OCPW18	Houston Storm Channel (Facility No. A03S02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reach from the Fullerton Creek Channel confluence to 100 feet upstream of Brookhurst Street are planned for the future.
OCPW19	Gisler Storm Channel (Facility No. D03S03) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Improvements to the reach from Fairview Road to 400 feet upstream of Fairview Road are planned for the future.
OCPW20	Paularino Channel (Facility No. F03) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Project was removed from the flood control CIP due to limited proposed flood control improvements.