

2023 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 sole local sponsor for the Prado Dam Project, continues work to acquire lands, easements, rights-of-way, etc., and to relocate impacted utilities, to enable construction of the SAR Mainstem Project. The draft Design Documentation Report (DDR) for the Santiago Creek (part of the original authorized project) was completed in early 2023. Dredging of the Santa Ana River near the ocean outlet is planned for the future.</p>
OCPW2	East Garden Grove-Wintersburg Channel (Facility No. C05) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	<p>Ongoing - Four project reaches within the Flood Control Capital Improvement Program are undergoing various stages of study or design. The reach from Warner to Goldenwest was completed in 2023. The bridges at Warner, Springdale, and Edwards will have design completed in summer 2023 and begin construction in September 2023. These 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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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 - The lower reach, including the bridge to Mesa Drive is currently in design. Design is anticipated to be completed in 2024.
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 ongoing project as part of the I-405 widening project by OCTA.</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>
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 confluence with San Diego Creek to Redhill are planned for the future.

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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.
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.
OCPW14	Bolsa Chica Channel (Facility No. C02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - Preliminary design is underway for maintenance repairs along the existing earthen slopes for the reach between Westminster Avenue and the 22 Fwy. Construction is scheduled for FY 23/24.

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OCPW15	Peters Canyon Channel (Facility No. F06) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	<p>Completed - The City of Tustin constructed the reach from Warner Ave. to Edinger Ave, and the project was completed in 2020.</p> <p>Ongoing – Improvements to the reach from San Diego Creek confluence to downstream of Barranca Parkway are planned for the future.</p>
OCPW16	Laguna Canyon Channel (Facility No. I02) Project - Design and Construction of Flood Control Improvements	Orange County Public Works	Ongoing - The major repair project for the reach from Laguna Canyon Frontage Road to Woodland Drive that failed in the 2/14/19 storm event, is planned to be completed in summer 2023.