

**2019 Progress Report to the 2015 Orange County & Orange County Fire Authority  
Hazard Mitigation Plan (approved July 2016)**

2015 Plan Project Number	Action Item	Status
OCPW2	East Garden Grove-Wintersburg Channel (Facility No. C05) Project	<b>Ongoing</b> , six projects within the 7-Year Flood Control Capital Improvement Plan are undergoing various stages of study or design. These reaches are also part of a major feasibility study where OCPW and USACE are partners. The study will be completed in early 2020. OCPW is committed to continue with projects if there is no Congressional authorization.
OCPW3	San Juan Creek Channel (Facility No. L01) Project, Lower Reach	<b>Ongoing</b> , three Capital Improvement Projects were completed in 2019 that include Phases 4, 5, & 6 totaling 8,200 LF of levee protection. An ongoing study to determine ultimate facility improvements that includes the entire system is in progress.
OCPW6	Santa Ana-Delhi Channel (Facility No. F01) Project, Lower Reach	<b>Ongoing</b> , the lower reach including the bridge to Mesa Drive is in preliminary design that includes work with regulatory agencies and right-of-way acquisition from many stakeholders including a municipal golf course.
OCPW7	Oceanview Channel (Facility No. C06) Project	<b>Ongoing</b> , this facility is part of a major feasibility study where OCPW and USACE are partners. The study will be completed in early 2020. OCPW is committed to continue with projects if there is no Congressional authorization. Currently, USACE is completing repairs and minor improvements to restore concrete lining to one reach.
OCPW8	San Diego Creek Channel (Facility No. F05) Project	<b>Ongoing</b> , continuing work to obtain regulatory permits to restore channel capacity to a reach downstream of Campus Drive. Study is to determine extent and locations for mitigation. A sediment removal project was completed upstream of Campus Drive to maintain capacity for flood control. A study is in progress to determine possible floodwall locations and spilling into the UCI Marsh.

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<b>OCPW9</b>	Lane Channel (Facility No. F08) Project	<b>Ongoing</b> , alternative design concepts including repair to existing as well as ultimate improvements were evaluated. Currently project from Jamboree to Main Street is under construction to restore as-built conditions.
<b>OCPW10</b>	Carbon Creek Channel (Facility No. B01) Project	<b>Ongoing</b> , a system-wide facility study has been underway to determine needed ultimate improvements. Recommended concepts will be applied to project reach from U/S Gilbert Street to Euclid Street and other future project reaches.
<b>OCPW12</b>	Fullerton Creek Channel (Facility No. A03) Project	<b>Ongoing</b> , the reach from Western Avenue to downstream of Beach Boulevard was completed in 2019. The reach from Beach Blvd. to I-5 Freeway is under construction.
<b>OCPW15</b>	Bolsa Chica Channel (Facility No. C02) Project	<b>Ongoing</b> , portions of the channel between upstream of the SR 22/I-405 Freeways to downstream of Katella Avenue (approximately 0.25 mile of channel) are in design phase for repairs to restore capacity. Work consists of major repair and or replacement of rock and earthen slopes that is scheduled for construction in Spring 2020.
<b>OCPW16</b>	Peters Canyon Channel (Facility No. F06) Project	<b>Ongoing</b> , the City of Tustin is constructing the reach from Warner Av to Edinger Av. The project should be completed by late 2019 or early 2020.
<b>OCSD18</b>	<b>Dam Inundation Mapping</b>	<b>Ongoing</b> , Dam Inundation Studies and Emergency Action Plans have been prepared for all OCFCD dams having classifications of “Extremely High”, “High” or “Significantly High” Hazard. One study has been approved by DSOD (Villa Park Dam) and nine are nearing approval. One other is in draft form where the recommendation will be for a lower (non-high hazard) classification.