

Short List of Projects

| No. | PROJECT |
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| 1 | Smith Canal Closure Structure |
| 2 | RD 17 Levee Strengthening |
| 3 | Paradise Cut Improvements (Base Case) |
| 4 | Tentatively Selected Plan from the Lower San Joaquin Feasibility Study |
| 5 | Mormon Slough Bypass Channel |
| 6 | Mormon Slough Bank Erosion Repair |
| 7 | Restore PL 84-99 status for select Levee Systems |
| 8 | Provide improvements to maintain FEMA accreditation. |
| 9 | Provide 200-year level improvement in identified areas (TBD) to allow future development. Development of local plans to meet ULDC. |
| 10 | Channel maintenance dredging in the Lower San Joaquin River. |
| 11 | Increase Storage in Friant and Don Pedro Reservoirs |
| 12 | Paradise Cut Expansion |
| 13 | Raise and strengthen the cross levees within the RD's to compartmentalize the leveed system and to provide resiliency. |
| 14 | Vegetation Removal and Bank Stabilization in the Corral Hollow Road Area (from CVFPP). |
| 15 | Re-Certify all FEMA accredited levees that have expired. |
| 16 | Prepare LOI and SWIF for all levee systems maintained by SJC (locks in PL 84-99). |
| 17 | Forecast Based Operation of Flood Control Projects |
| 18 | Paradise Cut Corridor Management Plan |
| 19 | Programmatic EIR to Allow Permits for Maintenance of Vegetation and Rock Placement |
| 20 | Bay Delta Conservation Plan (BDCP) Conveyance Options |
| 21 | San Joaquin National Wildlife Refuge |
| 22 | New Hogan Dam and Lake Raise or Re-Operate |
| 23 | Temperance Flat Dam – New USBR Project |
| 24 | Dos Rios Ranch |
| 25 | Stockton East Water District – Water Supply Enhancement Plan (SEWD – WSEP) |
| 26 | Upper San Joaquin River Basin Storage Options |
| 27 | RD 1 – Union Island East projects include: <ul style="list-style-type: none"> • Improve levee erosion protection with supplemental rock slope protection on all of the RD 1 project and non-project levees where needed. • Improve levee crown with all-weather road where needed. • Place riprap along Middle River across from Drexler Tract. • Improve the dryland levees between RD 2089 (Stark Tract) and RD 1 (Union Island East), improve wing levee road dryland levee in RD 1 and improve |

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| | <p>dryland levee between RD 1 (Union Island East) and RD 2 (Union Island West), to protect District from the flooding of adjacent Districts.</p> <ul style="list-style-type: none"> • Increase the levee crown widths where necessary and identify areas that would benefit from setback levees. • RD 1’s, Union Island - East, goal is to achieve and maintain compliance with PL 84-99 levee standards on all District levees. • Implement an aggressive vegetation control plan. • Implement an aggressive rodent control and damage repair plan. <p>RD 2 – Union Island West projects include:</p> <ul style="list-style-type: none"> • Improve levee erosion protection with supplemental rock slope protection on all of the RD 2 project and non-project levees where needed. Specific sites discussed - North Canal and Grant Line Canal. • Improve the dryland levee between RD 1 (Union Island East) and RD 2 (Union Island West), to protect District from the flooding of adjacent Districts. • Implement an aggressive vegetation control plan. • Implement an aggressive rodent control and damage repair plan. • Design and construct seepage control berms or cut-off walls where needed. North levee along Victoria Canal and west levee along Old River were discussed. • Improve levee crown with 20 foot wide all-weather road and wider turnouts where needed. • Increase the levee crown widths where necessary and identify areas that would benefit from setback levees. • RD 2’s, Union Island - West, long term goal is to improve levees to, and maintain compliance with PL 84-99 levee standards on all District levees. • Locate and remove abandoned floodgates and pipes through levee foundation. • Improve levee access ramps by flattening slopes and widening roadway. • Remove encroachments on the levee section that hinder inspection, maintenance and improvement projects. |
| 28 | <p>RD 17 – Mossdale Tract, RD 2107 - Mossdale, and RD 2062 – Stewart Tract projects include:</p> <ul style="list-style-type: none"> • Improve the tieback levee at the south end of RD 17. • Improvements as proposed by River Islands to Paradise Cut. • Reduce flows by upstream storage or other means. • Pursue 200-year ULOP level of protection. • Additional improvements to levees and flood control structures in the area as identified by the City of Lathrop and other RDs. |
| 29 | <p>RD 403 – Rough and Ready Island projects include:</p> <ul style="list-style-type: none"> • Bridge improvements at Navy Drive and Daggett Road. • Dredging the SJR Deep Water Ship Channel (DWSC) to accommodate larger ships. <p>RD 404 – Boggs Tract projects include:</p> <ul style="list-style-type: none"> • 1200-foot long slurry wall north of Highway 4. • 600-foot long cut-off wall along French Camp Slough. |

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| | <ul style="list-style-type: none"> • Re-Accredit levees for FEMA and PL84-99 (RIP). • Add closures to complete PL84-99. • Vegetation removal after permitting. • LOI and SWIF for vegetation issues. • MUD penetrations. • Interior drainage, pump station improvements. • WWTP headworks improvements and/or isolating the WWTP against a 200-year flood event. |
| 30 | <p>RD 524 – Middle Roberts Island projects include:</p> <ul style="list-style-type: none"> • RD 524, Middle Roberts Island, goal is to achieve and maintain compliance with PL 84-99 levee standards on all District levees. • Provide improved flood protection for and reduce seepage into the City of Stockton waste water treatment facilities. Improve the City of Stockton waste water treatment plant headworks to accommodate storm flows in the sewer system. • Survey, evaluate and improve the levees along the southerly, westerly, and northerly district boundaries of RD 524 to meet current flood system requirements. • Reinstalling a railroad crossing road over the railroad tracks on the levee crown near the Waste Water Treatment Plant (WWTP) ponds (currently the district does not have access over the tracks in this sensitive area where there are critical facilities). • Improve levee erosion protection on all of the RD 524 levees. • Increase the levee crown widths. • Identify and address levee seepage issues District wide. • Implement an aggressive vegetation control plan and implementation for the Burns Cutoff surrounding area. • Update the Flood Contingency Map (FCM) for the Roberts Island Flood Control System to bring it up to current mapping standards. <p>RD 544 – Upper Roberts Island projects include:</p> <ul style="list-style-type: none"> • RD 544's, Upper Roberts Island, goal is to achieve and maintain compliance with PL 84-99 levee standards on all District levees. • Survey, evaluate and improve RD 544 levees to meet current flood system requirements. • Identify all encroachments and address those that are not properly permitted or may not be in compliance. • Improve levee erosion protection with supplemental rock slope protection on all of the RD 544 levees. • Implement an aggressive rodent control and damage repair plan. • Increase the levee crown widths where necessary and identify areas that would benefit from setback levees. • Identify areas prone to excessive seepage and boils during high water events and develop strategy to mitigate the impacts. • Implement an aggressive vegetation control plan. |

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| | <ul style="list-style-type: none"> The Flood Contingency Map (FCM) for the Roberts Island Flood Control System was updated in August 2012. |
| 31 | <p>RD 684 – Lower Roberts Island projects include:</p> <ul style="list-style-type: none"> Address critical repair sections and to bring levees up to the Hazard Mitigation Plan (HMP) standards. Ultimately upgrade their levees to meet PL 84-99 standards. Setback levee along SJR/Turner Cut. A study on the protection of the Natali Levee in the event RD 524 floods. Raising the Natali Levee. Widening & lowering of the levee along Burns Cutoff. Provide for relief cut in RD 524 along Burns Cutoff to reduce flood risk to RD 684. <p>RD 2116 – Holt Station projects include:</p> <ul style="list-style-type: none"> No projects. |
| 32 | <p>RD 773 – Fabian Tract projects include:</p> <ul style="list-style-type: none"> Complete repairs to achieve PL84-99 (RIP) standards (97% there). Slope flattening and erosion protection (rip rap) along the south bank of Grant Line Canal. Right-of-way may be needed for a slope flattening project. Resolve O&M challenges (vegetation) due to wildlife and permitting requirements. Protect against increased erosion along the northern boundary of RD 773 (South bank of Grant Line Canal) due to Paradise Cut improvements. Improve levee erosion protection with supplemental rock slope protection on all of the RD 773 district levees where needed. Specific sites discussed - South Bank Grant Line Canal and Old River. RD 773’s, Fabian Tract, goal is to achieve and maintain compliance with PL 84-99 levee standards on all District levees. Design and construct back slope stability projects where needed. Right of Way acquisition may be required. Continue with an aggressive vegetation control plan that complies with the environmental permitting requirements. Continue with an aggressive rodent control and damage repair plan. Maintain the levee crown with all-weather road where needed. Increase the levee crown widths where necessary and identify areas that would benefit from setback levees. Fabian Tract has an approximate Annual Assessment of \$275,000. Fabian Tract supports approximately 20 permanent households, and approximately 60 full-time residents. Develop a Flood Contingency Map (FCM) for the “Old River” Flood Control System. <p>RD 1007 – Pico & Nagle projects include:</p> <ul style="list-style-type: none"> Flatten steep waterside slopes and dredge the siltation along Old River. |

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| | <ul style="list-style-type: none"> • Improve portions of the levee near Sugar Cut and Old River that are impassible during floods. • Verify levee geometry is compliant with PL 84-99 (RIP). • Maintain protection of the City of Tracy’s industrial waste treatment ponds. |
| 33 | <p>RD 1614 – Smith Tract and RD 828 – Weber Tract projects include:</p> <ul style="list-style-type: none"> • Construct the proposed Closure Structure (Canal Gate) on Smith Canal, which has the objective of providing central Stockton area with 200-year flood protection by 2025, which is consistent with the ULDC. (Prop 218 passed a vote of the parcel owners for local funding portion of this project). • Improve Wisconsin Pump Station to increase Smith Tract’s internal drainage ability. (Prop 218 portion of the financing of this project passed a vote of the parcel owners for local funding portion). • The goal of the “District’s” Plan is to construct above items in order to regain compliance with FEMA’s National Flood Insurance Program (NFIP) under the FEMA Guidelines for Levees (44CFR65.10). • The District provides supplemental rock slope protection on an opportunistic basis; if the landowner is doing improvements, the District will use that opportunity. Approximately 40% - 50% of the north bank of Smith Canal has adequate rock slope protection. |
| 34 | <p>RD 1608 – Lincoln Village West projects include:</p> <ul style="list-style-type: none"> • 14 Mile Slough – Sediment Removal Project • 14 Mile Slough – Slurry Wall Project |
| 35 | <p>RD 2042 – Bishop Tract projects include:</p> <ul style="list-style-type: none"> • District intends to operate and maintain its levee system in a manner to preserve its FEMA certification, continue to comply with U.S. Army Corps of Engineers (USACE) requirements to remain active in the PL 84-99 Program where applicable, and improve areas that may require additional improvement. • RD 2042, Bishop Tract, goal is to achieve and maintain a 200-year level of flood protection in accordance with the State of California, Department of Water Resources’ Urban Levee Design Criteria (ULDC) as the minimum standard. |
| 36 | <p>RD 2058 – Pescadero Tract projects include:</p> <ul style="list-style-type: none"> • Dredging of the Old River and Paradise Cut, especially at the confluence of these two streams to restore the design capacity. • Maintenance dredging of Paradise Cut, Old River, and Tom Paine Slough to maintain design capacity. • Tom Paine Slough dredging to restore capacity. • Paradise Cut left bank crown raising. • Paradise Cut access road widening. • Endangered Species Habitat Mapping (vegetation vs. endangered species permitting issues). • Vegetation clearing by goats (to avoid endangered species issues). |
| 37 | <p>RD 2064 – River Junction projects include:</p> <ul style="list-style-type: none"> • Improve the geometry of the levee, especially the top width, for better all-weather access. • This RD and others need rock placement for erosion repair and protection. • This RD and others support the Paradise Cut project. |

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| | <ul style="list-style-type: none"> • This RD and others support the USACE PL84-99 (RIP) standard. • This RD and others support SJR channel dredging to restore and maintain the design capacity. • RD 2075 (and others) support upstream storage options. • Investigate and fix the repairs made with additional piers and shoulder berms. <p>RD 2075 – McMullin Ranch projects include:</p> <ul style="list-style-type: none"> • Improve levee geometry as levees are too steep and too narrow. • Dredge the San Joaquin River to restore and maintain the design capacity. • Rock placement for erosion repair and protection. • Resolve permitting challenge of vegetation removal vs. habitat. <p>RD 2094 – Walthall projects include:</p> <ul style="list-style-type: none"> • The non-project levees are inferior (not as high, wide, or reliable) as the project levees, however, they need to be improved for all weather access and egress during a flood event. • Address seepage issues with the appropriate repair method. • Resolve permitting challenge of vegetation removal vs. habitat. <p>RD 2096 – Weatherbee Lake projects include:</p> <ul style="list-style-type: none"> • Provide assistance with the pump station electrical system. • Address seepage issues with the appropriate repair method. |
| 38 | <p>RD 2085 – Kasson District and RD 2095 Paradise Junction projects include:</p> <ul style="list-style-type: none"> • Address seepage issues with the appropriate repair method. • Need rock placement for erosion repair and protection. • Dredge the San Joaquin River to restore and maintain the design capacity. • Support levee setbacks and environmental mitigation within reason (avoid flooding entire tracts). • Protect and improve cross levees as backstop in case the primary levees fail. |
| 39 | <p>RD 2074 – Sargent-Barnhart Tract projects include:</p> <ul style="list-style-type: none"> • Strengthen the north-south levee at the east end of Fourteen Mile Slough owned by PG&E.. • Strengthen the dryland levee along Ten Mile Slough on the west side of RD 2074, the “Ten Mile Levee” in the case that RD 2119 is flooded. • Improve the west face of the “Ten Mile Levee” by rock placement and additional measures. • Strengthen the right bank of the Calaveras River and Fourteen Mile Slough to remedy seepage issues experienced during 1997 flood event. <p>RD 2119 – Wright-Elmwood Tract projects include:</p> <ul style="list-style-type: none"> • Improve levees to HMP then PL84-99 standards long-term. • Overhaul (degrade and rebuild) levees to ULOP standard when development occurs. • Protect City Sewer lift station and sanitary sewer line along the west side of Fourteen Mile Slough. • Protect and maintain the habitat mitigation areas. |

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| <p>40</p> | <p>RD 2089 – Stark Tract projects include:</p> <ul style="list-style-type: none"> • Achieve PL84-99 (RIP) standards for all levees in the RD. • Improve the geometry (crown widths) of the levee along Old River and protect the irrigation canal at the toe of the levee. • Need rock placement for erosion protection along all RD 2089 levees. • Improve the all-weather road on the levees. • Dredge and clear Salmon Slough to restore and maintain the capacity. • Strengthen the right bank of Salmon Slough to remedy seepage issues experienced during 1992 flood event. • Strengthen the dryland levee between RD 2089 and RD 1 so that RD 1 is protected from levee breaks in RD 2089. • Implement an aggressive rodent control and damage repair plan. • Implement an aggressive, but permitted, vegetation control plan. • Protect and maintain the Elderberry bushes as vegetation in mitigation areas along Salmon Slough. • Protect the regional power line crossing the RD as critical infrastructure. • Develop financial plan for district as ratio of levee miles to owners is higher than other RDs. • The RD supports environmental mitigation such as setback levees. However, flooding of whole islands for ecosystem restoration is opposed. |
| <p>41</p> | <p>RD 2126 – Atlas Tract (and RD 2115 – Shima Tract, no local plan yet, assume similar or the same as 2126) projects include:</p> <ul style="list-style-type: none"> • Remove broken concrete and replace with appropriately sized rock along west side of non-SPFC levee segments. • Remove and repair embedded dying roots. • Protect and maintain the sanitary sewer line along the east side of the RD. • Provide an additional power source for the interior drainage pump station. • District intends to operate and maintain its levee system in a manner to preserve its FEMA certification, continue to comply with U.S. Army Corps of Engineers (USACE) requirements in order to remain active in the PL 84-99 Program, and to maintain and improve areas that as required. • RD 2126, goal is to achieve and maintain a 200-year level of flood protection in accordance with the State of California, Department of Water Resources’ Urban Levee Design Criteria (ULDC) standard. • Atlas Tract levees are armored with riprap. The District wishes to maintain the riprap erosion protection on the entire island including the west levee that receives heavy wave action impact from boat traffic. • The interior dry levee (east levee) is a federal project levee accredited by FEMA and is maintained and operated by the District. • Rodent and weed abatement are an important part of the Maintenance and Operations of Atlas Tract levees. • Atlas Tract has one owner and no formal assessment in place. Atlas has a large lot tentative map approved. Atlas Tract elevation is above sea level and it is dry farmed (no irrigation). • Atlas Tract is certified to provide 100-year protection by FEMA. |

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| | <ul style="list-style-type: none">• Atlas Tract's storm drain pump station is currently powered by a stand-by generator. A permanent power source will be provided at the time of future development.• No Flood Contingency Map (FCM) for Atlas tract has been produced. A FCM of this area would be helpful during a high water event.• Atlas Tract's interior dryland levee was realigned to the west in 2010 to provide room for the future extension of Trinity Parkway from Bishop Tract to the north. Future plans for a new bridge crossing Mosher Slough on the south levee of Atlas Tract will then connect Atlas Tract to Shima Tract. |
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