

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
BOARD ACTION SUMMARY

DEPT: Public Works

BOARD AGENDA #: *C-2

AGENDA DATE: March 28, 2017

SUBJECT:

Approval to Accept the Proposition 1 Planning Grant in the Amount of \$499,790 from the California State Water Board and Approval to Use Community Development Funds to Design a Stanislaus Multi-Agency Storm Water Resource Plan

BOARD ACTION AS FOLLOWS:

No. 2017-141

On motion of Supervisor Withrow, Seconded by Supervisor Olsen
and approved by the following vote,

Ayes: Supervisors: Olsen, Withrow, Monteith, DeMartini, and Chairman Chiesa

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) Approved as recommended

2) Denied

3) Approved as amended

4) Other:

MOTION:



ATTEST: PAM VILLARREAL, Assistant Clerk

File No.

**THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
AGENDA ITEM**

DEPT: Public Works

Urgent

Routine

AC

BOARD AGENDA #: *C-2

AGENDA DATE: March 28, 2017

CEO CONCURRENCE:



4/5 Vote Required: Yes No

SUBJECT:

Approval to Accept the Proposition 1 Planning Grant in the Amount of \$499,790 from the California State Water Board and Approval to Use Community Development Funds to Design a Stanislaus Multi-Agency Storm Water Resource Plan

STAFF RECOMMENDATIONS:

1. Approve receipt of Proposition 1 Planning Grant funds in the amount of \$499,790 from the California State Water Board for the creation of a Stanislaus Multi-Agency Storm Water Resource Plan.
2. Approve the use of up to \$30,000 of Community Development Funds to design a Stanislaus Multi-Agency Storm Water Resource Plan.
3. Approve a resolution to authorize the Public Works Director to act as the Authorized Representative on behalf of Stanislaus County for creation of the Stanislaus Multi-Agency Storm Water Resource Plan.
4. Direct the Auditor Controller to make the necessary budget adjustments per the attached budget journal.

DISCUSSION:

Stanislaus County, as lead agency, was successful in obtaining the Proposition 1 Planning Grant to develop a Stanislaus Multi-Agency Regional Storm Water Resource Plan (SWRP). In general, a SWRP includes information needed for effective regional management of storm water as a resource; it will identify, evaluate, and prioritize potential storm water resource-related capital improvement projects. A SWRP is also a prerequisite to receiving funds for storm water and dry weather runoff capture projects from any bond approved by voters after January 2014. One requirement of the grant program is each entity must officially designate an Authorized Representative.

Stanislaus County has teamed with 20 stakeholders, which includes the City of Modesto, a broad range of other public agencies, along with non-profit and disadvantaged community stakeholders to prepare a regional, multi-agency SWRP (Exhibit A). This plan identifies and prioritizes multi-benefit storm water resource projects to improve regional water supply resilience and aid in the adaptation of infrastructure to climate change. Stanislaus County and the City of Modesto are the primary drivers behind this effort to secure State monies for storm water improvements, which is why they are picking up the majority of costs associated with this

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local match for the SWRP. The other stakeholders provided the regional partners necessary to receive this planning grant, and all eventual projects within Stanislaus County will improve sustainability of our groundwater supplies.

The SWRP will focus on projects that augment groundwater recharge to address groundwater overdraft, while also enhancing flood protection, water quality, habitat, and community values. Objective criteria for project evaluation will be developed based on a county-wide assessment of storm water resources, topography, soil conditions, habitat and community needs to quantify project opportunities and benefits. The plan is being prepared in cooperation with Integrated Regional Water Management Plans, groundwater associations, and flood management planning groups to assure integration and maximize efficiency and benefits.

The application for the Proposition 1 Planning Grant included several multi-benefit storm water resource projects. Stanislaus County is considering two priority projects: Dry Creek Watershed Detention and Little Salado Creek. The multi-benefits of these projects include groundwater recharge, water supply resilience, and flood peak reduction. The Dry Creek Watershed Detention project involves a reconnaissance study of potential options for reducing flood risks by detaining flood flows in the Dry Creek watershed, upstream of the City of Modesto. The Little Salado Creek project involves piping of the existing open ditch channels, including the use of perforated pipe for groundwater recharge, and construction of a 40-acre± basin for storm water detention and percolation. The piping of the open ditches is necessary to fully develop the 1,532-acre former Crows Landing Air Facility. Currently portions of the former Crows Landing Air Facility are within the 100-year flood plain. The Little Salado Creek project will allow all of the Crows Landing Air Facility to be removed from the 100-year flood plain thus allowing full development of the important industrial site. While those listed above are the priority projects, there are 67 other projects (Exhibit B), which all potentially contribute to the sustainability of Stanislaus County's groundwater. Including these projects in the SWRP enables their respective agencies to apply for State construction monies in the future.

It is the County's goal to complete the SWRP to qualify for Round 2 of the Implementation Grants in 2018, which will provide a total of \$100,000,000 in construction monies throughout the State. The State awarded \$80,000,000 in Round 1 of the Implementation Grants, of which the City of Fresno was successful in obtaining \$8,452,918 for its storm water capture, retention and reuse project.

The grant requires a local match of up to \$500,000, which can be comprised of purchased services and labor-in-kind charges. Approximately \$210,000 in preparatory work has already been performed on storm drain related studies, leaving a local match balance of \$290,000. The City of Modesto approved participation in this process on January 12, 2016 and will provide \$100,000 towards the local match. Stanislaus County's share of the match contribution is \$104,000, with the remaining \$86,000 to be contributed by other stakeholders primarily through labor-in-kind services. To meet the County's match requirement, \$44,000 of in-kind labor will be performed, and a contracted consultant will perform studies on Dry Creek Watershed Detention and Little Salado Creek at a cost of \$60,000. Given the direct benefits of the Little Salado Creek project to the development of the 1,532-acre former Crows Landing Industrial Business Park, it is recommended that \$30,000 be funded by the Crows Landing Air Facility budget.

Approval to Accept the Proposition 1 Planning Grant in the Amount of \$499,790 from the California State Water Board and Approval to Use Community Development Funds to Design a Stanislaus Multi-Agency Storm Water Resource Plan

Additionally, it is recommended that the balance of \$30,000 be funded by the Community Development Fund with equal distributions of \$6,000 from each of the five districts. As shown by the projects listed in Exhibit B, these projects are located across the breadth of the County and all contribute to the betterment of the County, whether it is in flood control or improvements to regional water supply resilience.

The Stanislaus County Community Development Fund was established by the Board of Supervisors in Fiscal Year 2007-2008 and has been used for community projects such as sidewalks, lighting, and infrastructure projects; establishing maintenance districts in the unincorporated communities of Stanislaus County; Municipal Advisory Councils formation costs; and neighborhood cleanup activities.

Staff are actively working with the other stakeholders (see Exhibit A) to obtain commitments for the remaining \$86,000. Should the final amount of the local match be less than the agreed upon Match Funds, there are provisions in the grant agreement to reduce the amount of the grant proportionately to the deficit in local match funds.

POLICY ISSUE:

The Board of Supervisors officially represents the County in matters of financial commitment, and can designate staff members to handle specific duties related to these matters.

FISCAL IMPACT:

The Proposition 1 Planning Grant to develop a Stanislaus Multi-Agency Regional Storm Water Resource Plan (SWRP) is \$499,790. The grant requires a local match of up to \$500,000, which is comprised of \$210,000 in preparatory work has already been performed on storm drain related studies, a contribution of \$100,000 from the City of Modesto, Stanislaus County's share of \$104,000, with the remaining \$86,000 to be contributed by other stakeholders primarily through labor-in-kind services. The County's local match contribution of \$104,000 can be a combination of contracted services and labor-in-kind charges. The in-kind labor in the amount of \$44,000 is included in the Fiscal Year 2016-2017 Public Works Engineering budget. Additionally, existing appropriations are currently available in the Fiscal Year 2016-2017 Crows Landing Air Facility Budget.

Approval to Accept the Proposition 1 Planning Grant in the Amount of \$499,790 from the California State Water Board and Approval to Use Community Development Funds to Design a Stanislaus Multi-Agency Storm Water Resource Plan

Cost of recommended action:		\$ 789,790
Source(s) of Funding:		
Proposition 1 Grant Funding	\$ 499,790	
City of Modesto	100,000	
Partner Agencies	86,000	
Public Works Engineering	44,000	
Crows Landing Air Facility	30,000	
Community Development Funds	30,000	
Funding Total:		<u>\$ 789,790</u>
Net Cost to County General Fund		<u>\$ -</u>

Fiscal Year:	2016-2017
Budget Adjustment/Appropriations needed:	Yes

Fund Balance as of December 31, 2016
 Community Development Funds \$2,429,927

BOARD OF SUPERVISORS' PRIORITY:

The recommended action is consistent with the Board's priorities of providing A Safe Community, A Healthy Community, A Strong Local Economy, and A Well-Planned Infrastructure System by securing State funding to develop planning documents necessary to apply for future State funding for storm water infrastructure improvement projects.

STAFFING IMPACT:

Existing Public Works staff are overseeing this project.

CONTACT PERSON:

Matt Machado, Public Works Director Telephone: (209) 525-4153
 Keith D. Boggs, Assistant Executive Officer Telephone: (209) 652-1514

ATTACHMENT(S):

1. Exhibit A: Collaborating Public Agencies
2. Exhibit B: Example Project Concepts
3. Authorizing Resolution
4. Budget JV

Exhibit A

Table 1. Collaborating public agencies and other stakeholder groups.

Collaborating Entity	Type of Entity	Letter of Support	DAC in whole or in part?	Project Role		
				Project Selection, Plan Prep	Plan Implementation	Project Completion
Stanislaus County (Applicant)	County		Yes	X	X	X
City of Modesto	City	X	Yes	X	X	X
City of Oakdale	City			X		X
City of Waterford	City			X		X
City of Hughson	City	X	Yes	X		X
City of Ceres	City			X		X
City of Riverbank	City	X	Yes	X		X
City of Newman	City	X	Yes	X		X
City of Patterson	City			X		X
Crows Landing	CSD	X	Yes	X		X
Westley	CSD	X	Yes	X		X
Keyes	CSD	X	Yes	X		X
Monterey Park Tract	CSD	X	Yes	X		X
Self Help Enterprises	NP	X			X	
River Partners	NP	X		X		X
Tuolumne River Trust	NP	X		X		
Oakdale Irrigation District	Agency	X		X		X
Patterson Irrigation District	Agency			X		X
Eastside Water District	Agency	X		X		X
Central California Irrigation District	Agency			X		
Mid-San Joaquin RFMP Workgroup	RG				X	
East Stanislaus IRWM	RG				X	
Westside San Joaquin IRWM	RG				X	

NP = Non-Profit

CSD = Community Services District

RG = Regional Group

ATTACHMENT 2

Exhibit B: Example Project Concepts

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
 COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	Stanislaus County	Little Salado Creek	To partially divert, retain, and percolate up to 1,030 cubic feet per second of flow from Little Salado Creek.	X	X		X		
	Stanislaus County	Dry Creek Watershed Detention Reconnaissance Study	Reconnaissance study of potential options for reducing flood risks by detaining flood flows in the Dry Creek watershed, upstream of the City of Modesto.	X	X	X	X	X	X
	Stanislaus County	Airport Neighborhood Storm Drain Project - LID	Rehabilitate and clean existing drywells and catch basins; installation of bio-swales and sidewalks to address localized flooding, non-vehicular traffic movements, and water quality.	X	X	X		X	X
	Stanislaus County	Empire Community Storm Drain Project - LID	Rehabilitate and clean existing drywells and catch basins; installation of bio-swales and sidewalks to address localized flooding, non-vehicular traffic movements, and water quality.	X	X	X		X	X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
 COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Modesto	Cross Connection Elimination	There are 60 storm drain cross connections where storm water is discharged into the sanitary sewer system. The City is removing the cross connections to capture, treat, and infiltrate the stormwater runoff to augment groundwater supplies, reduce flood-related damage, improve the quality of stormwater runoff percolating to the underlying groundwater basin, and reduce sanitary sewer overflows, and peak wet weather flow in the sanitary sewer collection system.	X	X	X			X
	City of Modesto	Detention Basins Retrofit	There are 14 Detention Basins in the City, which will be considered for operational and structural modifications to increase percolation and volume storage to increase recharge.	X	X	X			
	City of Modesto	Outfall Rehabilitation	The City has 64 river outfalls and 26 canal outfalls, these sources of runoff will be evaluated, for the feasibility to capture and reuse the runoff.	X	X	X	X	X	

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
 COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Modesto	Storage Pond at Jennings Treatment Plant	The City of Modesto has a 2568 acre feet Storage Pond available for storage starting 2018, which could be used to capture flood flows from the adjacent San Joaquin River or storm water runoff, to be used for irrigation, recharge and maintain the ponds filled for the multitude of birds attracted by the ponds, which are enjoyed by avid birders and the public who visit to see the birds the second saturday of each month.	X	X	X	X		X
	City of Modesto	Northeast Modesto Runoff Area	A project has been identified to capture runoff in the Northeast Modesto Area, which can be modified to reuse the runoff as recharge.	X	X	X		X	
	City of Modesto	Reduction of Localized Street Flooding for Rockwell Watershed Areas	Approximately 30 percent of the City's storm drainage is addressed by rockwells which, in many areas of the City are deficient at draining stormwater runoff and minimizing localized flooding. The City is pursuing different methods to capture and recharge and reduce street flooding issues.	X	X	X			X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Newman	LID Project for Water Quality Improvement and Water Conservation	Low Impact Development (LID) infrastructure to receive, treat, and store stormwater runoff and urban water runoff from sources such as nuisance water from park/open spaces, parking areas and landscaped areas	X	X	X	X	X	X
	City of Oakdale	Wood Basin Connection and Expansion	Increase capacity of existing basin and make additional connections to basin system, diverting storm water from current system which leads to river.	X	X	X	X	X	X
	City of Oakdale	Dry Well(s) Rehabilitation	The City has approximately 200 dry wells many of which need to be rehabilitated	X	X	X	X		X
	City of Oakdale	Outfall Treatment Devices - Diversions	Explore systems to either treat storm water at or near river discharge locations or in some cases take advantage of opportunities to divert to possible basin locations	X	X	X	X	X	X
	City of Oakdale	Detention Basin location expansions.	Look at key locations to possibly locate new basin-recharge locations.	X	X	X	X	X	X
	City of Oakdale	Randi Plaza Storm water diversion project	Install french drain type system in areas around Randi Plaza which is currently a flat choke point in our current storm drain system.	X	X	X	X	X	X

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PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Oakdale	G Street and Hinkley Drain (Block 3 Project)	Install a french drain system to allow percolation - recharge and help detain storm water before flowing to Wood basin.	X	X	X	X	X	X
1	City of Patterson	Salado Creek Flood Management Project	Widening of Salado Creek from Delta Mendota Canal (DMC) to the City Limits. Involves widening of Salado Creek from the Delta Mendota Canal (DMC) to the City limits, which is approximately 6,000 feet in length. The width of Salado Creek would be widened to accommodate 710 cubic feet per second to match the City's Storm Dain Master Plan sizing requirements. Additionally, the project would also limit the DMC to the City Limits.		X	X	X		X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
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PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
2	City of Patterson	Storm Drainage Enhancements along Salado Creek	Installation of reinforced pipeline under the California Northern Railroad wooden bridge to improve storm drainage, flooding, and water quality along Salado Creek. The inlet structure of the 96" Cured in Place Pipe (CIPP) just downstream of the California Northern Railroad (CNRR) wooden bridge has a limited capacity and includes a debris collection grate at the pipe inlet that is too small. These conditions contribute to frequent flooding within and upstream of this area and prevent the available capacity in the 96" CIPP from being fully utilized. The inlet structure needs to be enlarged at this location to reduce flooding and ot provide discharge capacity.		X	X	X		X
3	City of Patterson	Percolation Basin	Purchase and development of a percolation basin.	X	X	X	X		X
	City of Patterson	Storm Drainage Master Plan	This would update the Storm Drainage Master Plan to align with the new General Plan boundaries.			X	X		X
	City of Patterson	Water Master Plan	This would update the Water Master Plan to align with the new General Plan boundaries.			X	X		X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Patterson	Non Potable Phase IV	Feasibility/Environmental Study for the creation of a riverfront park, recreational trail, and enhanced habitat along the western bank of the San Joaquin River between Old Las Palmas Avenue and Eucalyptus Avenue.			X	X		X
	City of Patterson	Turf Removal / LID Project	Remove turf at Baldwin Road Landscape Median and Landscape Easements, install drought tolerant landscaping and Low Impact Development design to help with groundwater recharge, water quality, and conserve water.	X		X	X		X
	City of Patterson	Community Center Parking Lot/LID Project	Installation of Landscaping and Low Impact Development (LID) storm water improvements that would improve water quality, help with flood control, recharge groundwater, and improve the environment.	X		X	X		X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
 COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Patterson	Salado Creek Landscape / LID Project	This project involves revising the landscaping along the creek to reduce water consumption and introduce Non-potable water for irrigation. (The purpose of the landscaping is to help prevent overgrowth, provide rodent control, provide aesthetics, incorporate LID to help with water quality, flood control).	X	X	X	X		X
	City of Patterson	Patterson WWTP - Reduce Flood Risks Study	Develop and evaluate potential solutions to existing flood hazards at the City's Waste Water Treatment Plant.		X		X		X
	City of Patterson	Storm Grate & Trash Capturing Improvements	Trash capturing devices MS4 Phase II Stormwater Permit		X	X	X		
	City of Patterson	Corp Yard / Water Tank Drain Improvements	Connect the City Coporation Yard and pressure Zone 2 Water Storage Tank to the City's storm drainage system to improve flood control.		X				

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Patterson	Black Gultch Storm Drainage Study	Study to determine what alternative solutions might be appropriate if/when the Delta Mendota Canal (DMC) Authority renews the permit. There is permitted spillyway into the DMC from Black Gultch, a drainage situation (between Saslado and Del Puerto Creeks), which prevents flooding at a Commercial Area.		X				
	City of Patterson	Replace Hwy 33 Pipe Project	Replace existing undersized lines from E Street to Las Palmas Avenue to prevent flooding to a Commercial Area.		X				
	City of Patterson	Riverfront Park Project Study	Feasibility/Environmental Study for the creation of a riverfront park, recreational trail, and enhanced habitat along the western bank of the San Joaquin River between Old Las Palmas Avenue and Eucalyptus Avenue.	X	X	X	X		X
	City of Patterson	Riverfront Park Project	Creation of a Riverfront Park, recreational trails and enhanced habitat along the western bank of the San Joaquin River between Old Las Palmas Avenue and Eucalyptus Avenue.	X	X	X	X		X
	City of Riverbank	7th Street Outfall Rehabilitation	Project will replace failed outfall, piping and construct a CDS storm filter.	X	X	X	X	X	X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Riverbank	Eastside Regional Basin	This will be a combined storm water basin and ground water recharge facility coordinated with OID & County.	X	X	X	X	X	X
	City of Riverbank	1st Street Basin Rehabilitation	Rehabilitate the basin by adding ground water recharge, habitat enhancement and public access.	X	X	X	X	X	X
	City of Riverbank	Gangi Cannery Site MS4 Compliance	Eliminate the cross connection of the cannery site storm drainage system with the sanitary sewer system.	X	X	X	X	X	X
	City of Riverbank	Candlewood Storm Drainage System Upgrade	Construct new storm outfall in Candlewood system to reduce flooding and to filter water.	X	X	X	X	X	X
	City of Riverbank	Castleberg Storm Drainage System Upgrades	Increase capacity, provide ground water recharge and filter water prior to river discharge.	X	X	X	X	X	X
	City of Riverbank	Safreno Park Storm Drainage System Upgrades	Provide ground water recharge, filter water and connect to MID canal.	X	X	X	X	X	X
	City of Riverbank	Townsend Avenue storm drainage improvements to reduce repeated flood events.	Improve the Townsend Avenue storm drainage system piping, drainage basin and filter water.	X	X	X	X	X	X
	City of Riverbank	City of Riverbank/OID Roselle Avenue Basin Improvements	Rehabilitate basin and provide ground water recharge, filter water and transfer ownership from OID to City of Riverbank.	X	X	X	X	X	X
	City of Riverbank	Various Storm Water Basin and Outfall Projects	Rehabilitate, filter and provide ground water recharge at various storm water basins and outfalls	X	X	X	X	X	X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Riverbank	Various storm water pipeline rehabilitation projects.	Repair, upsize and/or construct new storm drain lines to reduce existing flood areas.	X	X	X	X	X	X
	City of Riverbank	Storm Filter Installation Projects	Add storm drainage filters to existing drain inlets, provide regional storm water filtering prior to discharge.	X	X	X	X	X	X
	City of Turlock	Dianne Dr Basin	Deepen existing basin, install vertical rock wells, and piping to transfer to Turlock's Regional Water Quality Control Center	X	X	X	X	X	
	City of Turlock	W Linwood Ave	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Northern East	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Fansil Ln & W Main St	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Ruble Rd	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Southern East	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Highway 99 (southeast)	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Daubenberger Rd & Brier Rd	Install new basin and vertical rock wells	X	X	X	X	X	X
	City of Turlock	Stormwater Capture & Reuse Resource Study	Capture stormwater for beneficial use.	X	X	X	X	X	X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	City of Turlock	Cross Connection Elimination	Remove storm drain cross connections to capture, treat, and infiltrate the stormwater runoff to augment groundwater supplies, reduce flood-related damage, improve the quality of stormwater runoff percolating to the underlying groundwater basin, and reduce sanitary sewer overflows, and peak wet weather flow in the sanitary sewer collection system.	X	X	X	X	X	X
	City of Waterford	La Gallina Storm Basin	Rehabilitation Rejuvenation	X	X	X	X	X	X
	City of Waterford	South Becky Court Dry Well	Rehabilitation Rejuvenation	X	X	X	X	X	X
	City of Waterford	Tim Bell Road, Bently to Bonnie Brea Dry Wells	Rehabilitation Rejuvenation	X	X	X	X	X	X
	City of Waterford	Forrestal Basin	Elimination of Canal Pumping by introducing Dry Wells	X	X	X	X	X	X
	City of Waterford	Washburn and Stein Basins	Elimination of Canal Pumping by introducing Dry Wells	X	X	X	X	X	X
	City of Waterford	F St and Western Basin	Rehabilitation Rejuvenation	X	X	X	X	X	X
	City of Waterford	G St and Church St Basin	Rehabilitation Rejuvenation	X	X	X	X	X	X
	City of Waterford	Borax Ct Basin	Divert Runoff and Convert to percolation basin	X	X	X	X	X	X
	Eastside Water District	Diffused Surface Water Project	Collect stormwater that accumulates adjacent to the TID Highline Canal and direct to new groundwater recharge facilities	X	X	X	X	X	X

STANISLAUS MULTI-AGENCY REGIONAL STORM WATER RESOURCE PLAN
COMBINED PROJECT LIST

PRIORITY	AGENCY	PROJECT		PROJECT BENEFITS					
		NAME	DESCRIPTION	GROUNDWATER RECHARGE	FLOOD CONTROL	WATER QUALITY	ENVIRONMENTAL	COORDINATION	COMMUNITIES
	Eastside Water District	Mustang Creek Flood Control Project	Enhance and Operate Existing NRCS Constructed Project to protect TID Highline Canal and City of Turlock	X	X	X	X	X	X
	Eastside Water District	Sand Creek Flood Control Project	Enhance and Operate Existing Sand Creek Flood Control District Constructed Project to protect TID Main Canal and City of Turlock	X	X	X	X	X	X
	Eastside Water District	On-Farm Stormwater Management Project	Collect stormwater that accumulates on-farm and direct to new groundwater recharge facilities	X	X	X	X	X	X
	River Partners	Grayson Restoration Project	Restore native habitat to 285 acres located adjacent to San Joaquin River in Grayson, CA	X	X	X	X	X	X
	River Partners	Dos Rios Ranch Restoration	2,100-acre Riparian Habitat Restoration at confluence of San Joaquin River and Tuolumne River	X	X	X	X	X	X

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
STATE OF CALIFORNIA

2017-141

Date: March 28, 2017
On motion of Supervisor Withdraw Seconded by Supervisor Olsen
and approved by the following vote,
Ayes: Supervisors: Olsen, Withdraw, Monteith, DeMartini, and Chairman Chiesa
Noes: Supervisors: None
Excused or Absent: Supervisors: None
Abstaining: Supervisor: None
Item # *C-2

THE FOLLOWING RESOLUTION WAS ADOPTED:

**RESOLUTION APPROVING AN AUTHORIZED REPRESENTATIVE
FOR THE STANISLAUS MULTI-AGENCY STORM WATER RESOURCE PLAN**

WHEREAS, the County of Stanislaus desires to create the Stanislaus Multi-Agency Storm Water Resource Plan; and

WHEREAS, the County of Stanislaus desires to use a Proposition 1 Planning Grant from the California State Water Resources Control Board to create the Stanislaus Multi-Agency Storm Water Resource Plan; and

WHEREAS, the California State Water Resources Control Board requires the approval of an Authorized Representative in order to receive a Proposition 1 Planning Grant;

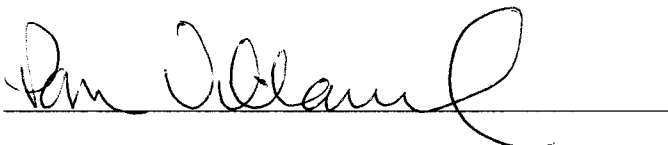
NOW THEREFORE, BE IT RESOLVED that the Board of Supervisors of Stanislaus County does hereby approve the following:

The Director of Public Works (the "Authorized Representative") or his designee is hereby authorized and directed to sign and file, for and on behalf of the County of Stanislaus, a Financial Assistance Application and an Assistance Agreement from the California State Water Resources Control Board for the creation of the Stanislaus Multi-Agency Storm Water Resource Plan.

The Authorized Representative, or his designee, is authorized to provide the assurances, certifications, and commitments required for the Financial Assistance Application, including executing a Financial Assistance Agreement from the California State Water Resources Control Board and any amendments or changes thereto.

The Authorized Representative, or his designee, is authorized to represent the County of Stanislaus in carrying out the County of Stanislaus' responsibilities under the Assistance Agreement, including certifying disbursement requests on behalf of the County of Stanislaus and compliance with applicable requirements.

ATTEST: **PAM VILLARREAL, Assistant Clerk**
Stanislaus County Board of Supervisors,
State of California



File No.

Database
Balance Type
Data Access Set

FMSDBPRD.CO.STANISLAUS.CA.US.PROD
Budget
County of Stanislaus

DO NOT CHANGE
DO NOT CHANGE
DO NOT CHANGE

Ledger
Budget
Category
Source
Currency

* List - Text County of Stanislaus
List - Text LEGAL BUDGET
* List - Text Budget - Upload
* List - Text PW JAS
* List - Text USD

DO NOT CHANGE
DO NOT CHANGE
DO NOT CHANGE

Period
Batch Name
Journal Name

List - Text MAR-17
Text Board Item #2017-XXX, Dated 3/28/17
Text JV102425

DO NOT CHANGE
ENTER AS MMM-YY (ALL CAPS FOR MMM) EX: NOV-11

Journal Description
Journal Reference
Organization
Chart Of Accounts

Text Stormwater plan, local match, CDF contribution
Text J Serrano 5-4119 w/questions
List - Text Stanislaus Budget Org
Text Accounting Flexfield

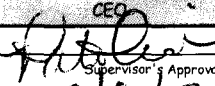
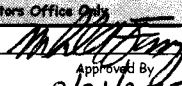
DO NOT CHANGE
DO NOT CHANGE

Upl	Fund (4 char)	Org (7 char)	Account (3 char)	GL Project (7 char)	Location (3 char)	Misc (6 char)	Other (5 char)	Debit (incl appropriation for all months) * Number	Credit (incl appropriation for all months) * Number	Line Description Text
Pr		0107	0015292	85850	0000000	000000	000000	00000	30000	CDF
Pr		1202	0040200	46600	0000000	000000	000000	00000		30000 PW Engineering
Pr		0100	0016046	85850	0000000	000000	000000	00000	30000	Crows Landing
Pr		1202	0040200	46600	0000000	000000	000000	00000		30000 PW Engineering
Pr		1202	0040200	25000	0000000	000000	000000	00000		499790 PW Engineering

Totals: 60000 559790

Tip: This is not the end of the Template. Unprotect the sheet and insert as many rows as needed.

Explanation: Stormwater plan, local match, CDF contribution
Board Item #2017-XXX, Dated March 28, 2017

Requesting Department Julie A Serrano		Date Entry		Auditors Office Only	
Prepared by 3/21/2017	Approved By  3/21/17	Keyed by	Prepared By 	Approved By 3/21/2017	
Date	Date	Date	Date	Date	Date