



**RESOURCE
MANAGEMENT AGENCY
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

KUYLER CROCKER
District One

PETE VANDER POEL
District Two

AMY SHUKLIAN
District Three

EDDIE VALERO
District Four

DENNIS TOWNSEND
District Five

AGENDA DATE: April 2, 2019

Public Hearing Required	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Published Notice Required	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Advertised Published Notice	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Meet & Confer Required	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Personnel Resolution attached	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
CONTACT PERSON: Celeste Perez PHONE: (559)624-7010		

SUBJECT: Presentation on the Strathmore Creek Flood Control Project

REQUEST(S):
That the Board of Supervisors:

Receive a presentation from the Tulare County Flood Control District regarding the Strathmore Creek Flood Control Project

SUMMARY:
The Tulare County Flood Control District (“FCD”) is an independent special district established by the Tulare County Flood Control District Act, 1969 Cal. Stat. 2218; Cal. Water Code App. 111-1 et seq. The Tulare County Board of Supervisors also serves as the FCD’s Board of Supervisors. The FCD is also guided by the Flood Commission, whose seven members are appointed by the Board. The Flood Commission provides input on activities by the District and maintains a list of project priorities throughout the County. The District is staffed by County staff, primarily led an engineer from the Resource Management Agency who serves as the FCD’s district engineer.

The Community of Strathmore has an ongoing issue with stormwater collecting on the east side of the Friant Kern Canal in the vicinity of Avenue 196. The water that collects in this area is often referred to as Strathmore Creek, which is a tributary Frazier Creek. The County owns a triangular parcel of land of approximately 0.6 acres located east of the Friant-Kern Canal and south of Avenue 196 where this stormwater collects. When the Canal was built, a siphon was installed under the canal to convey the water to the west, where it would then flow further west through the community towards Highway 65. Later, this flow was directed into Schara Lake. Shortly after the canal was constructed, this siphon was plugged and a pump was installed to pump the collected stormwater

SUBJECT: Presentation on the Strathmore Creek Flood Control Project

DATE: April 2, 2019

into the Friant-Kern Canal under an agreement between the County and the U.S. Bureau of Reclamation. A few years later, a second pump was added.

The Resource Management Agency's current practice for managing stormwater on this parcel, beginning around 2010, is to utilize one of the pumps to pump the water into a manifold with hoses. The hoses are laid across the Avenue 196 bridge and run west into the community. Water runs through the hoses and then along Avenue 196 into an existing storm drain system in the community. This operation requires that the County close the Avenue 196 Bridge. Before the manifold was installed, a series of pipes was connected to a portable pump to convey the water in the same manner. During emergencies, the County may also request permission to pump stormwater into the Friant-Kern Canal using the other pump and/or a portable pump.

In 2012, the Flood Commission created a new Flood Project List, which included a permanent solution to convey water to the storm drain system in Strathmore. The proposed solution also included a second phase, which was to establish a basin in the vicinity of Avenue 196 and the Canal to mitigate the peak flow of water into the pumping basin. In February 2017, the project list was reexamined and the Strathmore Creek project was re-ranked from Number 13 to Number 5.

At this time, RMA staff began the design process for the project and a design concept was created. The final design concept was to extend the existing storm drain system by approximately 1,500 ft. total, going east along Avenue 196 then south on Road 234. A new HDPE pipe would be installed through the existing siphon under the canal and connect into the new storm drain system. Flow of the water through the HDPE pipe would be controlled by a new gate at the inlet of the siphon and another valve would be installed between the HDPE pipe and the storm drain extension. The valve and gate would allow for water to be controlled so as not to inundate the storm system downstream.

In 2018, staff submitted 60% design plans to various stakeholder entities for comment. This included the Friant Water Authority, who supported the project and design. Other Stakeholders included the engineer for the Strathmore Public Utility District and the U.S. Bureau of Reclamation. Staff continued to work on the project and have prepared 90% plans as of February 2019. Staff are currently working on permitting the project through the U.S. Bureau of Reclamation and preparing the project specifications.

Staff intend to submit the permitting documents in April, with construction in Summer of 2019 pending timely approval of the permit.

FISCAL IMPACT/FINANCING:

There are no net County costs to the General Fund.

This project is a Flood Control District Project and will be paid for by the Flood Control District Funds. It has been previously budgeted in the Flood Control District Budget in budget line 771-771-2000-7043.

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LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

This program links to Strategic Initiative 1: Safety and Security includes the goal of improving and maintaining flood protection infrastructure. The proposed action meets this initiative by providing increased flood protection for the community of Strathmore as well as improving the reliability of the transportation network by not requiring a closure of Avenue 196 during rain events.

ADMINISTRATIVE SIGN-OFF:



Reed Schenke, P.E.
Director

RS:rm

cc: County Administrative Office

**BEFORE THE BOARD OF SUPERVISORS
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF PRESENTATION ON)
THE STRATHMORE CREEK FLOOD) Resolution No. _____
CONTROL PROJECT)
)

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE
BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD APRIL 2, 2019, BY
THE FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: JASON T. BRITT
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

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Received a presentation from the Tulare County Flood Control District regarding the
Strathmore Creek Flood Control Project.