



KERRVILLE CITY COUNCIL AGENDA
WORKSHOP, JUNE 25, 2019, 4:00 PM
CITY HALL COUNCIL CHAMBERS
701 MAIN STREET, KERRVILLE, TEXAS



ROLL CALL

1. CALL TO ORDER

2. INFORMATION AND DISCUSSION



2.A Presentation and discussion regarding Stormwater Master Plan



2.B Presentation and discussion regarding Pavement Management System Update

NOTE

City Council will recess this meeting around 5:00 PM and break for dinner. Dinner and the continuation of the meeting will occur in the Upstairs Conference Room of City Hall. The workshop will end with enough time for Council to begin its regular meeting at 6:00 PM, by returning to Council Chambers.

3. ADJOURNMENT



**TO BE CONSIDERED BY THE CITY COUNCIL
CITY OF KERRVILLE, TEXAS**

SUBJECT: Presentation and discussion regarding Stormwater Master Plan

AGENDA DATE OF: June 25, 2019

DATE SUBMITTED: Jun 14, 2019

SUBMITTED BY: Kyle Burow

EXHIBITS:

Expenditure Required:	Remaining Budget Balance in Account:	Amount Budgeted:	Account Number:
\$0	\$0	\$0	N/A

PAYMENT TO BE MADE TO: N/A

Kerrville 2050 Item?	Yes
Key Priority Area	W - Water / Waste-Water / Drainage
Guiding Principle	W7. Develop and maintain a long-range plan for stormwater/drainage management, addressing and prioritizing infrastructure needs and identifying funding sources
Action Item	W7.3 - Explore a variety of options, including bond funding or city-wide drainage fees, to address drainage infrastructure concerns

SUMMARY STATEMENT:

During the February 20, 2018 City Council Workshop regarding Waterways and Drainage Systems, the development of a citywide drainage master plan was contemplated with topics including: review of drainage design standards, FEMA Flood Maps, maintenance of urban ditches, flooded streets, streams, and waterways. The effect of using streets as the community's primary means of stormwater drainage, and the consequential effects on the street pavement condition, was also discussed. It was determined at the meeting that the City should develop a citywide stormwater drainage master plan to help address the top rated drainage issues around the community.

In addition, during the Kerrville 2050 Comprehensive Planning process, the citizens of

Kerrville requested the City take a more holistic approach to providing development guidance for stormwater management, as well as a means to better enforce the design criteria for the benefit of the overall community. The direction from the Kerrville 2050 plan was to create a master plan to both update current development/drainage standards for future community growth, as well as outline strategies to address existing problematic stormwater areas. Further direction was given to incorporate a program to address specific drainage projects already known by City staff and the community, as well as future project planning.

In January 2019, the City hired LNV Engineering to evaluate the drainage improvement needs for the 13 problem areas that were identified, with proposed solutions for each area. In addition, LNV was also tasked with reviewing current drainage policies and criteria to identify where improvements are needed and recommended. The stormwater master presentation will provide an initial prioritization of the 13 problematic drainage areas based off of weighted criteria, recommend changes to drainage facility construction standards and development codes, identify funding opportunities, and provide a road map for future implementation.

RECOMMENDED ACTION:

Review and discuss.



**TO BE CONSIDERED BY THE CITY COUNCIL
CITY OF KERRVILLE, TEXAS**

SUBJECT: Presentation and discussion regarding Pavement Management System Update

AGENDA DATE OF: June 25, 2019

DATE SUBMITTED: Jun 14, 2019

SUBMITTED BY: Kyle Burow

EXHIBITS:

Expenditure Required:	Remaining Budget Balance in Account:	Amount Budgeted:	Account Number:
\$0	\$0	\$0	N/A

PAYMENT TO BE MADE TO: N/A

Kerrville 2050 Item?	Yes
Key Priority Area	M - Mobility / Transportation
Guiding Principle	M4. Place a high priority on the maintenance of existing streets
Action Item	M4.1 - Update the City's Pavement Management Plan

SUMMARY STATEMENT:

In 2015, the City of Kerrville hired Fugro to inspect the City of Kerrville's street system and develop a five and ten year prioritized capital improvement plan. The plan implemented maintenance and rehabilitation practices for the street system through slurry seal, crack seal, overlay, and full reconstruction of streets based on the best repair method for the type of failures found. After three and a half years of scheduled implementation, 100% of the crack seal segments, 100% of the slurry seal and overlay segments, and approximately 40% of the reconstruction segments have been completed that were scheduled to date.

As part of the adopted FY19 budget, an update to the Pavement Management Plan was initiated to reassess the current street pavement condition as well as the efficacy of recent maintenance practices. The City hired 6S Engineering to reevaluate the street condition assessment, which included a FUGRO rescan of each City-maintained street, an analysis of the effectiveness of the recent street repair methods, a degradation assessment of

street segments compared to the initial report, and the development of a future budget and updated maintenance plan to be presented to City Council. The updated management plan will look at the possibility of adding new pavement repair techniques, combining multiple street segments to reduce construction costs, incorporate the information gained through the first three years of implementation, re calibrate the prioritization of necessary street repairs, and identify future funding needs.

RECOMMENDED ACTION:

Review and discuss.