



CITY OF MARSHALL

COMMISSION AGENDA INFORMATION SHEET:

MEETING DATE: June 11, 2015

PROJECT: Discussion and consideration of directing staff to appropriate funding for slope drainage repairs at 2001 Turtle Creek from General Fund Unobligated Reserves, as a result of utility easement erosion. (Public Services Director)

DESCRIPTION:

In 2010, shortly before I began work with the City, one of our Water Utility crews dug into a huge slope wall behind 2001 Turtle Creek while trying to locate a sewer line that was shown on drawings to be located in a utility easement that should have been serving a motel site on East Pinecrest. The line was never located and the utility crew eventually installed a new sewer line in the utility easement, but up at the top of the slope and actually in the rear parking lot of the Harrison County Land Records.

During the investigative searching for the non-located sewer line, our utility crews disturbed the entire slope behind the home, disturbed the roots of several large trees and brush that had been stabilizing the slope. Some storm water from State Highway 43 was flowing across the parking lot of Harrison County Records, down the newly disturbed slope, and washing dirt up against the back wooden fence of 2001 Turtle Creek – we corrected this issue with installation of a curb to redirect the water away from their slope. The major source of erosion of the slope was and is still coming from the motel parking lot, but our disturbing the slope soil added to the erosion. We have been trying to come to an agreement with the owner of the home for the type of repairs required for the disturbed slope; we believe we have reached an agreement. Our City Attorney will still need to finalize an agreement with the owner, but we need to fund the needed repairs, which involve:

- Utilizing an environmental erosion control firm to perform the work
- Removal of the existing rear wooden fence and gate
- Removal of all dead trees on slope wall
- Repairing and stabilizing slope behind the fence
- Application of reinforcement matting on slope
- Hydro-mulching slope seeding of reinforcement matting (monitor for 90 days to guarantee coverage and establishment of a full vegetation covered the mat)

- Grading and installation of a 10' wide drainage channel (from the receiving point of the hotel drainage, eastward to the property line of 2001 Turtle Creek and making a 90 degree turn northward into an existing drainage area)
- Installation of rip-rap stabilization in the full length of the new 10' wide flume drain area
- Repairing of all sink holes in back and front yards
- Re-seeding of areas in back and front yards disturbed by our filling sink holes and/or damage by equipment during operation
- Reinstallation of a new wooden rear fence and gate

The current estimated cost for the environmental stabilization, tree removal, drainage flume, fence replacement, and yard repair runs approximately \$50,000; this is a non-budgeted expense.

COST:

Approximately \$50,000.00

FUNDING:

N/A

Acct. Name & No

01-0416-05-02

Original Budget

-0-

RECOMMENDED CITY COMMISSION ACTION:

Staff recommends approval to appropriate \$50,000 for slope drainage repairs at 2001 Turtle Creek from General Fund Unobligated Reserves, as a result of utility easement erosion. (Public Services Director)

CITY CONTACT: J. C. Hughes, Public Services Director – 903-503-4503 (cell)

ATTACHMENTS:

N/A