

CITY OF MARSHALL
2018 DRAINAGE UTILITY - DRAINAGE IMPROVEMENT PROGRAM
FUND # 84

CITY COMMISSION

Approved on 02-22-2018 - V2

J. C. Hughes

903-503-4503 (cell) - 903-935-4489 (office direct)

***BUDGET INCLUDES CARRY OVER FUNDS FROM 2017 (\$175,000)**

| 2018 REVENUE | 2018 Revenue Estimates | 2018 COST SUMMARY: | Estm'd Costs | Summary Total |
|-------------------------------|------------------------|-----------------------------------|---------------------|-------------------|
| Utility Tax Fund - 2018 | \$380,250.00 | Personnel Related Costs | \$115,268.00 | |
| Misc Funds | \$0.00 | Fuel, Oil, Lube, Supplies & Misc | \$15,050.00 | |
| Misc Funds | \$0.00 | ROW & Creek Herbicide | \$20,000.00 | |
| Misc Funds | \$0.00 | Misc Equip & Services | \$4,400.00 | |
| Misc Funds | \$0.00 | Contracted Services | \$10,000.00 | |
| Misc Funds | \$0.00 | Misc. Culverts and Bridges | \$25,000.00 | |
| Misc Funds | \$0.00 | Detention Pond Projects | \$2,000.00 | |
| Misc Funds | \$0.00 | Drainage Improvements | \$100,000.00 | |
| Misc Funds | \$0.00 | Machinery & Equipment | \$7,000.00 | |
| Misc Funds | \$0.00 | Engineering | \$30,000.00 | |
| Misc Funds | \$0.00 | Loans and/or Debt Service | \$52,500.00 | |
| Sub-Total DUS Projects | \$380,250.00 | Sub-Total DUS Projects | \$381,218.00 | -\$968.00 |
| Carry Over From 2017 | \$175,000.00 | 2017 Drainage Improvements | \$174,000.00 | |
| Sub-Total Revenue | \$175,000.00 | Sub-Total DUS Carry Over | \$174,000.00 | \$1,000.00 |
| 2018 Drainage Projects | \$555,250.00 | 2018 Drainage Projects | \$555,218.00 | \$32.00 |

General Notes: Drainage Utility Fee - \$3.50/meter

ALPHA LISTING OF 2018 PROPOSED DRAINAGE IMPROVEMENTS AND TYPE IMPROVEMENT - Does not include Alternate Projects

| Location | COND | Project Description | Bridge Repair | Culvert Repair | Detention | Ditch Lining | Drainage | Budgeted 2018 |
|----------------------------------|------|-----------------------------------------------|---------------|----------------|-----------|--------------|----------|---------------------|
| Alamo Blvd. - Culverts | 4 | Install new Storm Culverts and Sidewalk | | X | | | | \$35,000.00 |
| Contracted Services | 3/4 | Misc. Contracted Services - Concrete & Drains | | X | X | X | X | \$10,000.00 |
| Detention Pond Projects | 3/4 | Small Neighborhood Detention Pond Projects | | | X | | | \$2,000.00 |
| Dredge Parker Creek | 3/4 | Remove Silt and Debris from RR to Hwy 59 | | | | | X | \$35,000.00 |
| Houston Street - 1200 West | 3/4 | Culvert Maintenance (Mrs. Moody) | | X | | | | \$12,000.00 |
| Inman Street - 2400 to 2500 Blk. | 3/4 | Improve Drainage Ditches Inman & Callum | | | | X | X | \$20,000.00 |
| Indian Springs Culvert | 3/4 | Repair Liner Separation | | X | | | | \$5,000.00 |
| Maverick Drive Culvert & Bridge | 3/4 | Repair Wing Walls and Add Rip Rap | X | | | | X | \$20,000.00 |
| Misc. Culvert & Bridge Repairs | 3/4 | Replace or Repair Misc. Culverts and Bridges | X | X | | | | \$25,000.00 |
| Sallie Sue - 1101 | 3/4 | Install Catch Basins, Culvert, & Drive Apron | | | | | X | \$15,000.00 |
| Sanford Street - 406 (Culverts) | 3/4 | Install Storm Culverts and Cover | | X | | | | \$20,000.00 |
| Sanford & Whetstone Box | 3/4 | Culvert, Line Ditch | | X | | | | \$20,000.00 |
| Sanford & Elm Rip Rap | 3/4 | Remove Culvert and Add Large Rip Rap | | X | | | | \$15,000.00 |
| Warren Drive - 110 Drainage | 3/4 | Install Catch Basins, Culvert, & Drive Apron | | | | | X | \$30,000.00 |
| Wingwood Circle - Culvert Repair | 3/4 | Install Wingwall, Rip Rap, and Guardrails | | X | | | X | \$10,000.00 |
| Total | | | | | | | | \$274,000.00 |

2018 EQUIPMENT PURCHASES

| Item | Description | Item Budget | Budgeted 2018 |
|-------------------------|---------------------------------------------|-------------------|-------------------|
| (2) Heavy Duty Trailers | Needed to Haul Mini Backhoes, Brush & Limbs | \$7,000.00 | \$7,000.00 |
| Total | | \$7,000.00 | \$7,000.00 |

2018 DRAINAGE UTILITY DETENTION & DRAINAGE ENGINEERING

| Item | Project Description | Project Budget | City | Grants | Budgeted 2018 |
|---------------------------|-----------------------------------------------|-----------------------|--------------|----------------|--------------------|
| Engineering Related Costs | Upper Parker Creek Detention Pond Engineering | \$3,000,000.00 | \$750,000.00 | \$2,250,000.00 | \$30,000.00 |
| Total | | \$3,000,000.00 | | | \$30,000.00 |

2018 EQUIPMENT LOAN PAYMENTS

| Item | Description | Item Budget | Budgeted 2018 |
|----------------------------|------------------------------------------------|---------------------|--------------------|
| Equipment Loan Payments | Mini Backhoe (\$8,700 x 5 yrs.) | \$40,000.00 | \$8,700.00 |
| | (2) 3/4-Ton Ext Cab Trucks (\$13,200 x 5 yrs.) | \$60,000.00 | \$13,200.00 |
| | Two-Ton Dump Truck (\$14,500 x 5 yrs.) | \$66,000.00 | \$14,500.00 |
| Future Loan Match Reserves | Reserve for Future Bonds or Loans | \$16,100.00 | \$16,100.00 |
| Total | | \$182,100.00 | \$52,500.00 |

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| Misc Funds | \$0.00 | Engineering | \$30,000.00 | |
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| Sub-Total Revenue | \$175,000.00 | Sub-Total DUS Carry Over | \$174,000.00 | \$1,000.00 |
| 2018 Drainage Projects | \$555,250.00 | 2018 Drainage Projects | \$555,218.00 | \$32.00 |

General Notes: Drainage Utility Fee - \$3.50/meter

FUTURE DRAINAGE PROJECT CONSIDERATIONS - AND - PRELIMINARY 2019

FUTURE DRAINAGE PROJECTS

| Location | COND | Project Description | Bridge Repair | Culvert Repair | Detention | Ditch Lining | Drainage | | Budgeted 2018 |
|------------------------------------|------|-------------------------------------------------|---------------|----------------|-----------|--------------|----------|--|-----------------------|
| Bell Cut-Off - Drainage Repair | 3/4 | Repair Low Water Crossing | | | | | | | \$35,000.00 |
| Carter Street - Culvert & Wingwall | 3/4 | Add Wingwall Upstream Side and Rip Rap | | X | | | X | | \$75,000.00 |
| Carter Street - 511 & 512 | 4 | Consider Purchasing and Removing Buildings | | | | | X | | \$75,000.00 |
| Country Club - Improve Drainage | 3/4 | Reconstruct Drainage System 400 - 500 Block | | X | | | X | | \$250,000.00 |
| Cox Creek Culvert | 3/4 | Replace with Double Culvert and Rip Rap | | X | | X | X | | \$35,000.00 |
| Franklin Street - 800 | 4 | Consider Purchasing and Removing Building | | | | | X | | \$50,000.00 |
| Franklin Street Underpass | 4 | Repair UPRR Drainage Basin | | | | | X | | \$150,000.00 |
| Georgetwon Road - 800 -900 | 3/4 | Reconstruct Drainage System 800 - 900 Block | | | | X | X | | \$50,000.00 |
| Grove Street - Old Wiley Dorm | 4 | Consider Purchasing and Removing Building | | | | | X | | \$50,000.00 |
| Hawley Street - 302 | 4 | Consider Purchasing and Removing Building | | | | | X | | \$50,000.00 |
| Higgins/James/Rudd Drainage | 3/4 | Reconstruct Drainage Near Old RR Crossing | | | | X | X | | \$20,000.00 |
| Meredith - East - 306 | 3/4 | Reconstruct Drainage System 300 Block | | | | X | X | | \$25,000.00 |
| Parker Creek Maintenance | 3/4 | South of Hwy. 59 - 1000' South of Elysian Field | | | | | X | | \$35,000.00 |
| Parker Creek Maintenance | 3/4 | 1000' South of Elysian Field to Five Notch Rd. | | | | | X | | \$300,000.00 |
| Summit Street - 803 | 3/4 | Clear Drainage Upstream to Madison Street | | | | X | X | | \$35,000.00 |
| Turtle Creek Maintenance | 3/4 | Remove Debris and Clear Channel Eastward | | | | | X | | \$50,000.00 |
| Upper Hippy Hollow Drainage | 3/4 | Improve Drainage Walls - Carter thru City Park | | X | | X | X | | \$75,000.00 |
| Washington Street - 600 South | 4 | Consider Purchasing and Removing Building | | | | | X | | \$50,000.00 |
| Wingwood Terrace - 43 | 3 | New Catch Basin & Drainage to Wingwood Tr. | | | | | X | | \$35,000.00 |
| Youngsdale Circle - 704-710-712 | 3 | Consider Purchasing and Removing Buildings | | | | | X | | \$100,000.00 |
| Total | | | | | | | | | \$1,545,000.00 |

FUTURE DETENTION POND PROJECTS

| Location | COND | Project Description | Bridge Repair | Culvert Repair | Detention | Ditch Lining | Drainage | | Budgeted 2018 |
|--------------------------|------|------------------------------------------------|---------------|----------------|-----------|--------------|----------|--|------------------------|
| Cox Creek Drainage Basin | 3/4 | Affects Donna St., Karen St., and Cox Road | | | #5 | | | | \$750,000.00 |
| Lower Happy Hollow Creek | 3/4 | Affects Carter, So. Washington East to Hwy. 59 | | | #3 | | | | \$1,000,000.00 |
| Upper Happy Hollow Creek | 3/4 | Affects West Houston, Sanford, Carter & Park | | | #4 | | | | \$1,000,000.00 |
| East Parker Creek | 3/4 | Affects Hwy 59, Houston, FM-31, Elysian Fields | | | #2 | | | | \$3,000,000.00 |
| Lower Parker Creek | 3 | Affects Elysian Fields and Hwy. 59 | | | #6 | | | | \$1,500,000.00 |
| Upper Parker Creek | 4 | Affects 59 & 80/Kroger Center/59 & Houston | | | #1 | | | | \$3,000,000.00 |
| Town Branch Creek | 3/4 | Affects Bella Wyatt Park, Eastward to Hwy. 59 | | | #7 | | | | \$1,250,000.00 |
| Turtle Creek | 3/4 | Affects Turtle Creek, Maverick East to Hwy. 59 | | | #8 | | | | \$1,000,000.00 |
| Total | | | | | | | | | \$12,500,000.00 |

2019 FUTURE DRAINAGE PROJECTS: \$14,045,000.00