

**CITY OF MARLIN TOWNHALL MEETING 01/25/2021**

**(PROPOSED STREET REPAIR - INFORMATION ONLY PACKET)**



On or about Dec. 17, 2020, city representatives from the public works dept. and management met with several asphalt and pavement companies to include a road repair and design engineer to look at the degree of damaged road infrastructure of Marlin street. We received the news that Marlin street is basically beyond patching, the majority of them will have to be grounded and reworked back into solid roadways. The average estimate for engineering and construction of new streets with curbs and drainage from several companies was \$11.50-17.00 per sq. ft. of street, @ an estimated \$5,144,050.00 for 8 streets.

However, one company was willing to work with the city by entering into an agreement with the city public works dept. that would allow our personnel to ground up the roads to be repaired. The contractor would come in and prep. the road, lay the foundation and top layer to include curb and gutters, then seal the streets. This avenue should save 30-35% of cost savings from billed labor and any debris removal cost, the street repair est. rate of approx. \$7.50 per sq. ft. of asphalt laid. The city could stand to gain an est. 32 streets repaired with curb and gutters at an est. projected cost of \$2.4 - \$3.0 Million.



**Street Repair & Project – (Start: End of May 2020 – 21, Goal: 10-15 Streets)**

**Priority One!!!**

- |   |   |
|---|---|
| ***Houghton St. (Straight Through)              | <i>Pending</i>  |
| ***Bryder St. (Straight Through)                | <i>Pending</i>  |
| ***Foster St. (Straight Through)                | <i>Pending (Concrete Street)</i>  |
| ***Park St. (Straight Through)                  | <i>Pending</i>  |
| *** <b>Eddins St.</b> (Straight Through) –      | Major Work conducted est. 1.2 mi, @\$64,000+ 6-8 wks. to complete due to weather conditions. (Needs Sealing)  |
| *** <b>MLK St.</b> (Straight Trough to Park) –  | Major Work conducted (Needs re-bladed /top coat & Sealing)  |
| *** <b>Harter St.</b>                           | Major Work conducted (Needs Sealing)  |
| ***Kennedy St. (Straight Through)               | <i>Pending</i>  |
| ***900 – 1700 Ward St.                          | <i>Pending</i>  |
| *** <b>Anders St.</b>                           | Major work conducted (Needs Sealing)  |
| ***Virginia St. (Straight Through) –            | Major work conducted est. .5 mi, (Needs patch work of remaining minor potholes 700 Sqf. to complete) \$26,000 1 wk. to complete current est. \$13,000 to complete |
| *** <b>Blue Bonnet St.</b> (Straight Through) - | Major Work conducted (Needs re-bladed /top coat & Sealing)  |
| *** <b>Lovell Ln.</b>                           | Major Work conducted (Needs re-bladed /top coat & Sealing)  |
| ***Royal St.                                    | <i>Pending</i>  |
| *** Agnes Ave                                   | <i>Pending (Concrete Street)</i>  |
| ****Norbett (Straight Through)                  | <i>Pending</i>  |
| ***700 Clark St.                                | <i>Pending</i>  |
| *** Carter St.                                  | <i>Pending</i>  |

**Priority Two!!!**

- |                                   |                |
|-----------------------------------|----------------|
| Aycock St.                        | <i>Pending</i> |
| Walbash St.                       | <i>Pending</i> |
| Monroe @ Capps St.                | <i>Pending</i> |
| North Ridge St. @ North Ridge Ln. | <i>Pending</i> |

AV \$160,911,216

ITEM	I&S Tax	AMOUNT	TERMS	ANNUAL DEBT SERVICE
	\$0.24	\$2,400,000	7 YRS@2.5%	\$385,863

TAX EFFECT TO THE INDIVIDUAL	Home Value	Annual Tax Effect	Monthly Tax Effect
	\$50,000	\$120	\$10
	\$75,000	\$180	\$15
	\$100,000	\$239	\$20
	\$150,000	\$360	\$30

GCSC fees Range from 1% to 2.5% depending on the Issuance Amount. All fees can be financed as a part of the issuance such as the Attorney General fee and Bond Counsel fee

**PROPOSED**

AV \$160,911,216

ITEM	I&S Tax	AMOUNT	TERMS	ANNUAL DEBT SERVICE
	\$0.18	\$2,400,000	10 YRS @2.75%	\$283,562

TAX EFFECT TO THE INDIVIDUAL	Home Value	Annual Tax Effect	Monthly Tax Effect
	\$50,000	\$88	\$7
	\$75,000	\$132	\$11
	\$100,000	\$176	\$15
	\$150,000	\$264	\$22

GCSC fees Range from 1% to 2.5% depending on the Issuance Amount. All fees can be financed as a part of the issuance such as the Attorney General fee and Bond Counsel fee

**PROPOSED**

AV \$160,911,216

ITEM	I&S Tax	AMOUNT	TERMS	ANNUAL DEBT SERVICE
	\$0.30	\$3,000,000	7 YRS @2.5%	\$480,361

TAX EFFECT TO THE INDIVIDUAL	Home Value	Annual Tax Effect	Monthly Tax Effect
	\$50,000	\$149	\$12
	\$75,000	\$224	\$19
	\$100,000	\$299	\$25
	\$150,000	\$448	\$37

GCSC fees Range from 1% to 2.5% depending on the Issuance Amount. All fees can be financed as a part of the issuance such as the Attorney General fee and Bond Counsel fee

**PROPOSED**

AV \$160,911,216

ITEM	I&S Tax	AMOUNT	TERMS	ANNUAL DEBT SERVICE
	\$0.22	\$3,000,000	10YRS @2.75%	\$346,509

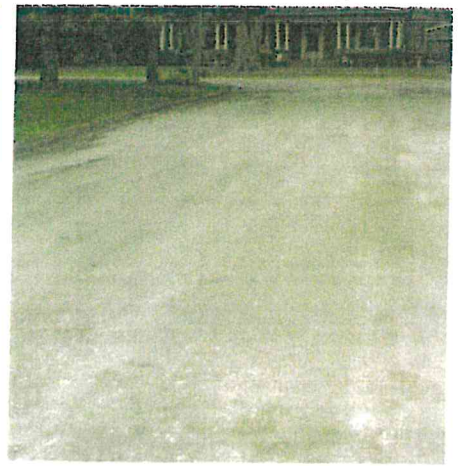
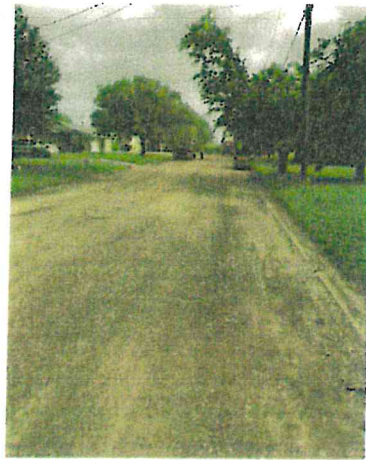
TAX EFFECT TO THE INDIVIDUAL	Home Value	Annual Tax Effect	Monthly Tax Effect
	\$50,000	\$108	\$9
	\$75,000	\$176	\$15
	\$100,000	\$215	\$18
	\$150,000	\$322	\$27

GCSC fees Range from 1% to 2.5% depending on the Issuance Amount. All fees can be financed as a part of the issuance such as the Attorney General fee and Bond Counsel fee

**PROPOSED**



**LOVELL STREET**



**MLK STREET**



**BLUEBONNET STREET**

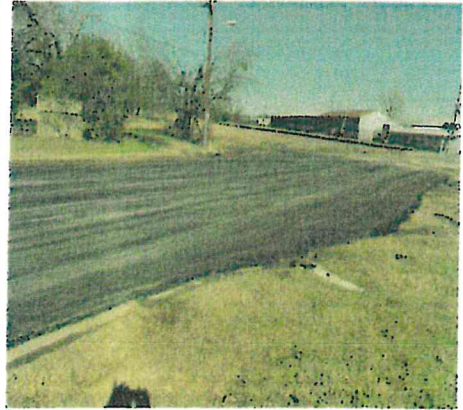
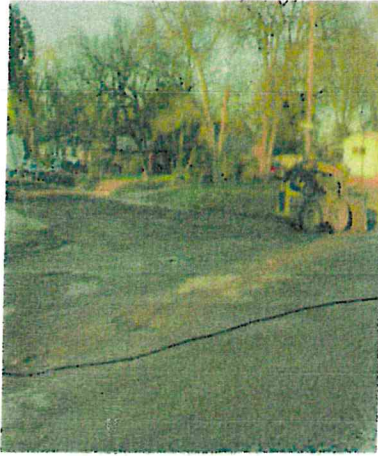








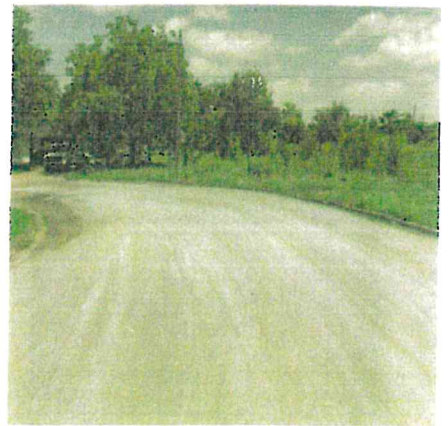
**VIRGINASTREET**



**ANDERS STREET**







**EDDINS STREET**









City of Marlin Road Bond Street Estimates for Construction & Engineering  
MM 1-6-21

Virginia St

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	1,947	3,894
110	Excavation	10	CY	324	3,240
134	Backfill Pavement Edge	1.5	LF	876	1,314
164	Seeding for Erosion Control	0.75	SY	487	365
360	6" Concrete Pavement	11.5	SF	17,520	201,480
500	Mobilization	13,932	LS	1	13,932
529	Concrete Laydown Curb and Gutter	25	LF	876	21,900

Total Roadway = 246,125  
 Surveying = 7,000  
 Engineering = 31,996  
 Project Management/Oversight = 7,000  
 Construction Testing = 4,000  
**Total = 296,122**

(LF) Width = 40  
 (LF) Length = 438  
 (SY) Surface Area = 1,947  
 (LF) Length of Curb 1 Side = 438  
 (LF) Length of curb 2 Sides = 876

Norbet St

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	1,593	3,186
110	Excavation	10	CY	266	2,660
134	Backfill Pavement Edge	1.5	LF	956	1,434
164	Seeding for Erosion Control	0.75	SY	531	398
360	6" Concrete Pavement	11.5	SF	14,340	164,910
500	Mobilization	11,789	LS	1	11,789
529	Concrete Laydown Curb and Gutter	25	LF	956	23,900

Total Roadway = 208,277  
 Surveying = 7,000  
 Engineering = 27,076  
 Project Management/Oversight = 7,000  
 Construction Testing = 4,000  
**Total = 253,353**

(LF) Width = 30  
 (LF) Length = 478  
 (SY) Surface Area = 1,593  
 (LF) Length of Curb 1 Side = 478  
 (LF) Length of curb 2 Sides = 956



**Ripley St**

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	5,180	10,360
110	Excavation	10	CY	863	8,630
134	Backfill Pavement Edge	1.5	LF	2,520	3,780
164	Seeding for Erosion Control	0.75	SY	1,400	1,050
360	6" Concrete Pavement	11.5	SF	46,620	536,130
500	Mobilization	37,377	LS	1	37,377
529	Concrete Laydown Curb and Gutter	25	LF	2,520	63,000

Total Roadway = 660,327  
 Surveying = 10,000  
 Engineering = 75,938  
 Project Management/Oversight = 10,000  
 Construction Testing = 6,000  
**Total = 762,265**

(LF) Width= 37  
 (LF) Length = 1,260  
 (SY) Surface Area = 5,180  
 (LF) Length of Curb 1 Side = 1,260  
 (LF) Length of curb 2 Sides = 2,520

**Royal St**

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	4,533	9,066
110	Excavation	10	CY	756	7,560
134	Backfill Pavement Edge	1.5	LF	2,400	3,600
164	Seeding for Erosion Control	0.75	SY	1,333	1,000
360	6" Concrete Pavement	11.5	SF	40,800	469,200
500	Mobilization	33,026	LS	1	33,026
529	Concrete Laydown Curb and Gutter	25	LF	2,400	60,000

Total Roadway = 583,451  
 Surveying = 10,000  
 Engineering = 67,097  
 Project Management/Oversight = 10,000  
 Construction Testing = 6,000  
**Total = 676,547**

(LF) Width= 34  
 (LF) Length = 1,200  
 (SY) Surface Area = 4,533  
 (LF) Length of Curb 1 Side = 1,200  
 (LF) Length of curb 2 Sides = 2,400

**Houghton St**

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	4,933	9,866
110	Excavation	10	CY	822	8,220
134	Backfill Pavement Edge	1.5	LF	2,400	3,600
164	Seeding for Erosion Control	0.75	SY	1,333	1,000
360	6" Concrete Pavement	11.5	SF	44,400	510,600
500	Mobilization	35,597	LS	1	35,597
529	Concrete Laydown Curb and Gutter	25	LF	2,400	60,000

Total Roadway = 628,883  
 Surveying = 7,000  
 Engineering = 72,322  
 Project Management/Oversight = 7,000  
 Construction Testing = 6,000  
**Total = 721,205**

(LF) Width= 37  
 (LF) Length = 1,200  
 (SY) Surface Area = 4,933  
 (LF) Length of Curb 1 Side = 1,200  
 (LF) Length of curb 2 Sides = 2,400

**Carter St**

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	1,620	3,240
110	Excavation	10	CY	270	2,700
134	Backfill Pavement Edge	1.5	LF	1,080	1,620
164	Seeding for Erosion Control	0.75	SY	600	450
360	6" Concrete Pavement	11.5	SF	14,580	167,670
500	Mobilization	12,161	LS	1	12,161
529	Concrete Laydown Curb and Gutter	25	LF	1,080	27,000

Total Roadway = 214,841  
 Surveying = 7,000  
 Engineering = 26,855  
 Project Management/Oversight = 7,000  
 Construction Testing = 4,000  
**Total = 259,696**

(LF) Width= 27  
 (LF) Length = 540  
 (SY) Surface Area = 1,620  
 (LF) Length of Curb 1 Side = 540  
 (LF) Length of curb 2 Sides = 1,080

**Agnes St**

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	5,016	10,032
110	Excavation	10	CY	836	8,360
134	Backfill Pavement Edge	1.5	LF	2,440	3,660
164	Seeding for Erosion Control	0.75	SY	1,356	1,017
360	6" Concrete Pavement	11.5	SF	45,140	519,110
500	Mobilization	36,191	LS	1	36,191
529	Concrete Laydown Curb and Gutter	25	LF	2,440	61,000

Total Roadway = 639,370  
 Surveying = 10,000  
 Engineering = 73,528  
 Project Management/Oversight = 10,000  
 Construction Testing = 6,000  
**Total = 738,897**

(LF) Width= 37  
 (LF) Length = 1,220  
 (SY) Surface Area = 5,016  
 (LF) Length of Curb 1 Side = 1,220  
 (LF) Length of curb 2 Sides = 2,440

**Foster St**

Item #	Description of Work	\$/Unit	Unit	Qty	Total
105	Remove Existing Pavement	2	SY	9,632	19,264
110	Excavation	10	CY	1,605	16,050
134	Backfill Pavement Edge	1.5	LF	4,686	7,029
164	Seeding for Erosion Control	0.75	SY	2,603	1,952
360	6" Concrete Pavement	11.5	SF	86,691	996,947
500	Mobilization	69,503	LS	1	69,503
529	Concrete Laydown Curb and Gutter	25	LF	4,686	117,150

Total Roadway = 1,227,896  
 Surveying = 15,000  
 Engineering = 135,069  
 Project Management/Oversight = 15,000  
 Construction Testing = 8,000  
**Total = 1,400,965**

(LF) Width= 37  
 (LF) Length = 2,343  
 (SY) Surface Area = 9,632  
 (LF) Length of Curb 1 Side = 2,343  
 (LF) Length of curb 2 Sides = 4,686

Total Roadway = \$4,409,170  
 Total Engineering = \$509,880  
 Total Project Management = \$73,000  
 Total Surveying = \$73,000  
 Total Construction Testing = \$44,000  
 Total Geotech Drilling = \$35,000

**Total = \$5,144,050**