

Scope:	GR, DR, BR
Route/Termini:	Poorhouse Road - Hail State Boulevard to SR 25 - 3 Lanes + 5 Lanes ROW
Status:	Preliminary project development (Initial or Planning level cost estimate)
Confidence:	50% Chance the project cost will not exceed the provided Estimate
County:	Oktibbeha
Date:	3/31/2020
Letting Date:	9/30/2022

	FMS	Ext
PE:	0	
ROW:	0	
Construction:	0	

One can manually change the Qty and then press refresh icon button below

Run Cost Estimate (click button)



Item Number	Pay Items	Unit	Qty	Unit Cost		Total Cost per Item	
				2020 Cost	2022 Cost	2020 Cost	2022 Cost
				@ 50 % Level	@ 50 % Level	@ 50 % Level	@ 50 % Level
203-A003	Unclassified Excavation, FM	CY	328,000	\$5.00	\$5.23	\$1,640,000.00	\$1,716,307.56
203-EX017	Borrow Excavation, FME	CY	96,000	\$9.00	\$9.42	\$864,000.00	\$904,201.06
203-G003	Excess Excavation, FM	CY	140,000	\$6.00	\$6.28	\$840,000.00	\$879,084.36
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	9,200	\$8.00	\$8.45	\$73,600.00	\$77,779.30
213-A001	Agricultural Limestone	TN	200	\$76.00	\$79.54	\$15,200.00	\$15,907.24
213-B001	Combination Fertilizer, 13-13-13	TN	28	\$722.00	\$755.59	\$20,216.00	\$21,156.63
213-C001	Superphosphate	TN	200	\$709.00	\$741.99	\$141,800.00	\$148,397.81
214-A001	Seeding, Bahiagrass	LB	6,400	\$5.00	\$5.20	\$32,000.00	\$33,292.80
215-A001	Vegetative Materials for Mulch	TN	200	\$167.00	\$173.75	\$33,400.00	\$34,749.36
226-A001	Temporary Grassing	AC	140	\$759.00	\$789.66	\$106,260.00	\$110,552.90
234-A001	Temporary Silt Fence	LF	21,200	\$3.00	\$3.06	\$63,600.00	\$64,878.36
235-A001	Temporary Erosion Checks	BALE	2,000	\$7.00	\$7.14	\$14,000.00	\$14,281.40
236-A004	Silt Basin, Type D	EA	12	\$1,982.00	\$2,021.84	\$23,784.00	\$24,262.06
239-A001	Temporary Slope Drains	LF	2,000	\$9.00	\$9.18	\$18,000.00	\$18,361.80
304-C023	Shoulder GM Thickness Below HMA (Class 5)	CY	1,564	\$42.00	\$44.38	\$65,688.00	\$69,418.03
403-A015	HMA (9.5mm) ST	TN	4,648	\$95.00	\$100.79	\$441,560.00	\$468,451.00
601-A003	Class "B" Structural Concrete	CY	920	\$695.00	\$738.76	\$639,400.00	\$679,657.26
601-B004	Class "C" Structural Concrete, Minor Structures	CY	240	\$1,482.00	\$1,575.31	\$355,680.00	\$378,073.97
602-A001	Reinforcing Steel	LB	240,000	\$1.10	\$1.17	\$264,000.00	\$280,621.70
603-CA003	24" Reinforced Concrete Pipe, Class III	LF	2,600	\$47.00	\$47.94	\$122,200.00	\$124,656.22
603-CA010	66" Reinforced Concrete Pipe, Class III	LF	920	\$156.00	\$159.14	\$143,520.00	\$146,404.75
609-D004	Type 3A Curb & Gutter	LF	42,240	\$23.00	\$24.40	\$971,520.00	\$1,030,685.57
616-A001	Concrete Median and/or Island Pavement, 4-inch	SY	37,547	\$35.00	\$36.06	\$1,314,133.33	\$1,353,853.01
635_A001	Vehicle Loop Assemblies Linear Feet 2004	LF	2136	\$11.46	\$12.16	\$24,478.56	\$25,969.30
637-A001	Equipment Cabinet, Type B	EA	3	\$5,375.59	\$5,702.96	\$16,126.77	\$17,108.89
640-A016	Traffic Signal Heads, Type 1 LED	EA	12	\$872.66	\$925.80	\$10,471.92	\$11,109.66
640-A022	Traffic Signal Heads, Type 7 LED	EA	12	\$1,819.33	\$1,930.13	\$21,831.96	\$23,161.53
642-A008	Solid State Traffic Actuated Controllers, Type 8A	EA	3	\$18,078.17	\$19,179.13	\$54,234.51	\$57,537.39
647-A005	Pull Boxes	EA	24	\$811.23	\$860.63	\$19,469.52	\$20,655.21
666-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Conductor Linear Feet 2004	LF	10824	\$2.77	\$2.94	\$29,982.48	\$31,808.41
668-A018	Traffic Signal Conduit, Underground, Type 4, 2"	LF	5412	\$7.18	\$7.62	\$38,858.16	\$41,224.62
907-639-A029	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 45' Arm	EA	12	\$18,418.00	\$19,539.66	\$221,016.00	\$234,475.87
907-639-C002	Pole Foundations, 36" Diameter	CY	48	\$880.61	\$934.24	\$42,269.28	\$44,843.48

Listed Pay Item Total: \$8,682,300.49 \$9,102,928.54

Typical Section Markup: \$992,000.00 \$1,040,059.04

Bridge Cost: \$890,400.00 \$933,536.86

Interchange Markup: \$0.00 \$0.00

Extra Items: \$2,600,000.00 \$2,769,062.40

Subtotal: \$13,164,700.49 \$13,845,586.84

Lump Sum (Staking, Mobilization, MOT) @ 12%: \$1,579,764.06 \$1,661,470.42

Letting Cost: \$14,744,464.55 \$15,507,057.26

Engineering & Contingencies @15%: \$2,211,669.68 \$2,326,058.59

Total: \$17,000,000.00 \$17,800,000.00