

PROJECT BUDGET ESTIMATE					
FORT BEND COUNTY MOBILITY 2020					
PROJECT NO: 3-04			COST SUMMARY		
ROAD:	Mason Road	ENGINEERING	\$	25,500.00	
LIMITS: FROM:	FM 1093	RIGHT OF WAY & UTILITIES	\$	-	
TO:	Barker Dam	CONST. PHASE SERVICES	\$	9,400.00	
LENGTH: FEET =	580	CONSTRUCTION	\$	117,000.00	
STA =	5.8	TOTAL PROJECT BUDGET	\$	151,900.00	
MILES =	0.11	COUNTY BOND AMOUNT	\$	160,000.00	
SHORT DESCRIPTION: Extend SB left-turn lane at FM 1093.					
DESCRIPTION: Design and construct the extension of southbound dedicated left-turn lane at FM 1093.					
PREPARED BY: Schaumburg & Polk, Inc.					
REVISION DATE: 7/6/2020					
DESCRIPTION	UNIT	QTY	COST	AMOUNT	COMMENTS/ ASSUMPTIONS
ROADWAY & DRAINAGE					
REMOVAL/PREP ROW	STA	5.8	\$ 1,000.00	\$ 5,800.00	Landscape and small/medium trees are located in median
CONCRETE PAVEMENT					
2-LANE C&G (27' F-F)	STA		\$ 22,000.00	\$ -	
3-LANE C&G (40' F-F)	STA		\$ 28,000.00	\$ -	
4-LANE DIVIDED C&G (2-24' F-F)	STA		\$ 40,000.00	\$ -	
6-LANE DIVIDED C&G (2-36' F-F)	STA		\$ 54,000.00	\$ -	
ADDITIONAL LANE	STA	5.8	\$ 12,000.00	\$ 69,600.00	Left-tun lane extension
TRAFFIC ROUNDABOUT	EACH		\$ 60,000.00	\$ -	
ASPHALT PAVEMENT					
12' WIDE LANE	STA		\$ 12,000.00	\$ -	
6' WIDE SHOULDER	STA		\$ 8,500.00	\$ -	
24' REHABILITATION / OVERLAY	STA		\$ 10,000.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA		\$ 25,000.00	\$ -	
OTHER	EA		\$ 1.00	\$ -	
OTHER	EA		\$ 1.00	\$ -	
OTHER	EA		\$ 1.00	\$ -	
SUBTOTAL ROADWAY & DRAINAGE				\$ 75,400.00	
UTILITIES					
RELOCATE WATER DISTRIBUTION	STA		\$ 1,500.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 3,500.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 6,500.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 6,500.00	\$ -	
SUBTOTAL UTILITIES				\$ -	
DESCRIPTION	UNIT	QTY	COST	AMOUNT	COMMENTS/ ASSUMPTIONS
MISCELLANEOUS					
SIGNALIZED INTERSECTION	EA		\$ 200,000.00	\$ -	No signal
SIGNING & PAVEMENT MARKINGS	STA	5.8	\$ 600.00	\$ 3,480.00	
BLOCK SOD & SEEDING	STA	5.8	\$ 300.00	\$ 1,740.00	Unit cost lowered because of scope of work
SWPPP	STA	5.8	\$ 300.00	\$ 1,740.00	Unit cost lowered because of scope of work
SUBTOTAL MISCELLANEOUS				\$ 6,960.00	
OTHER ITEMS					
SIDEWALK (One side @ 5-foot wide)	STA		\$ 4,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
BRIDGE	SF		\$ 120.00	\$ -	
RETAINING WALL	SF		\$ 75.00	\$ -	
PUMP STATION	EA		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
PEDESTRIAN HAND RAIL	LF		\$ 100.00	\$ -	
CURB RAMP	EA		\$ 1.00	\$ -	
OTHER	EA		\$ 1.00	\$ -	
OTHER	EA		\$ 1.00	\$ -	
SUBTOTAL OTHER ITEMS				\$ -	
SUBTOTAL CONSTRUCTION COST				\$ 82,360.00	
TRAFFIC CONTROL PLAN (2%-8% x CONST ITEMS)	BUDGET		5%	\$ 4,100.00	
MOBILIZATION (% x CONST ITEMS)	BUDGET		3%	\$ 2,500.00	
CONTINGENCY (% x CONST ITEMS)	BUDGET		25%	\$ 20,600.00	
PROGRAM & ESCALATION (% x CONST ITEMS)	BUDGET		9%	\$ 7,400.00	
CONSTRUCTION COST TOTAL				\$ 116,960.00	
DESCRIPTION	UNIT	QTY	COST	AMOUNT	COMMENTS/ ASSUMPTIONS
ENGINEERING & DESIGN					
ENVIRONMENTAL REVIEW (Desktop Only)	BUDGET		\$ 8,000.00	\$ 8,000.00	
GEOTECH ENGINEERING (% x CONST COST)	BUDGET			\$ -	
PREL ENG REPORT (% x CONST COST)	BUDGET		6%	\$ 7,000.00	Includes Survey
PS&E DOCUMENTS (% x CONST COST)	BUDGET		9%	\$ 10,500.00	
SUBTOTAL ENGINEERING				\$ 25,500.00	
CONSTRUCTION PHASE SERVICES					
CONST MANAGEMENT (% x CONST)	BUDGET		4.0%	\$ 4,700.00	
LABORATORY TESTING (% x CONST)	BUDGET		4.0%	\$ 4,700.00	
SUBTOTAL CONSTRUCTION PHASE SERVICES				\$ 9,400.00	
RIGHT OF WAY & UTILITIES					
UNDEVELOPED	SF		\$ 3.00	\$ -	No proposed ROW needed
HARD CORNERS	EA		\$ 5,000.00	\$ -	
STRUCTURES	EA		\$ 60,000.00	\$ -	
ROW APPRAISAL & ACQUISITION COSTS	PARCEL		\$ 4,000.00	\$ -	
PIPELINE RELOCATION (<8")	EA		\$ 300,000.00	\$ -	Kinder Morgan Tejas Pipeline LLC, Natural Gas, 6.63" (there shouldn't be a need for relocation)
PIPELINE RELOCATION (8"-16")	EA		\$ 600,000.00	\$ -	No pipelines
PIPELINE RELOCATION (>16")	EA		\$ 800,000.00	\$ -	No pipelines
ENVIRONMENTAL MITIGATION	BUDGET		\$ 1.00	\$ -	Environmental Services + Mitigation
OTHER UTILITIES	BUDGET		\$ 1.00	\$ -	
SUBTOTAL RIGHT OF WAY				\$ -	
PROJECT COST SUMMARY					
ENGINEERING				\$ 25,500.00	
RIGHT OF WAY				\$ -	
CONSTRUCTION PHASE SERVICES				\$ 9,400.00	
CONSTRUCTION				\$ 117,000.00	
TOTAL PROJECT COST				\$ 151,900.00	
PROJECT BUDGET & RESOURCES				PROJECT TOTAL	
ENGINEERING			\$ 25,500.00		
RIGHT OF WAY & UTILITIES			\$ -		
CONSTRUCTION PHASE SERVICES			\$ 9,400.00		
CONSTRUCTION			\$ 117,000.00		
TOTAL PROJECT BUDGET :				\$ 151,900.00	
OTHER PROJECT RESOURCES					
CONTRIBUTION FROM: NONE					
CATEGORY	LOCAL SHARE	LOCAL AMOUNT			
ENGINEERING		\$ -			
RIGHT OF WAY & UTILITIES		\$ -			
CONSTRUCTION PHASE SERVICES		\$ -			
CONSTRUCTION		\$ -			
OTHER		\$ -			
OTHER		\$ -			
OTHER		\$ -			
OTHER		\$ -			
TOTAL OTHER CONTRIBUTIONS				\$ -	
COUNTY BOND AMOUNT				\$ 160,000.00	