

Opinion of Probable Cost for Harris County 249 and Coons Road Tract Utility Extension
Detailed (Conceptual)
October 12, 2021

Item:	Quantity	Unit	Unit Cost	Total
<u>Water Distribution Items</u>				
12-inch C900 Waterline (Open Cut)	700	LF	\$ 100	\$ 70,000
12-inch C900 Waterline (Trenchless)	20	LF	\$ 300	\$ 6,000
Flushing Valves	2	EA	\$ 4,500	\$ 9,000
Water Meter and Box	1	LS	\$ 5,000	\$ 5,000
Appurtenances, Bonds, Etc.	20%		\$	\$ 18,000
Water Distribution Total			\$	108,000
<u>Sanitary Sewer Items</u>				
8-inch PVC Sanitary Sewer (Open Cut)	700	LF	\$ 70	\$ 49,000
Sanitary Sewer Manhole	2	EA	\$ 4,000	\$ 8,000
Appurtenances, Bonds, Etc.	15%		\$	\$ 9,000
Sanitary Sewer Total			\$	66,000
Subtotal			\$	174,000
Engineering, Surveying, and Materials Testing			\$	\$ 39,000
Contingencies (10%)			\$	\$ 17,500
Total			\$	230,500

Notes:

(1) This opinion of probable cost was prepared on the basis of experience and judgment, utilizing historical bid costs for similar work if available. Actual bids and ultimate construction costs may vary based on market conditions, inflation, and unforeseen field conditions. The final determination of construction cost is made through the bidding process with contractor(s).

