

COST ESTIMATE NO. 1
WATER SYSTEM IMPROVEMENTS
CATOOSA AREA
CITY OF CROSSVILLE, TENNESSEE
WAUFORD PROJECT NO. 4669

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Cost</u>
1.	8 Each	Connection to Existing Facilities	\$15,000/ Ea.	\$120,000
2.	5,175 L.F.	Install 6-inch Water Line, open cut, Maynard Road	\$75/L.F.	\$388,125
3.	3,700 L.F.	Install 4-inch Water Line, open cut, Wilson Road	\$55/ L.F.	\$203,500
4.	2,920 L.F.	Install 4-inch Water Line, open cut, Creston Road @ Fredonia Road	\$55/ L.F.	\$160,600
5.	1,340 L.F.	Install 4-inch Water Line, open cut, Creston Road @ Northwood Drive	\$55/ L.F.	\$73,700
6.	250 C.Y.	Miscellaneous Stone	\$50 / C.Y.	\$12,500
7.	40 C.Y.	Asphaltic Concrete Pavement (Binder)	\$400 / C.Y.	\$16,000
8.	30 C.Y.	Asphaltic Concrete Pavement (Surface)	\$500 / C.Y.	\$15,000
9.	75 C.Y.	Miscellaneous Concrete	\$200 / C.Y.	\$15,000
10.	1 Each	Site Restoration and Clean Up	Lump Sum	<u>\$15,000</u>
ESTIMATED CONSTRUCTION COST				\$1,019,425
CONSTRUCTION CONTINGENCIES				<u>\$150,575</u>
1. Budgeted for Construction				\$1,170,000
2. Engineering: Survey and Design				\$63,000
Bidding and Award				\$10,000
Engineering During Construction				\$35,000
Resident Observation (6 months)				<u>\$90,000</u>
TOTAL ESTIMATED PROJECT COST				\$1,368,000

ENR CONSTRUCTION COST INDEX – 13425 (July 2023)