

<b>Crossville Downtown Economic</b>					
<b>Watermain (SRF Number:</b>					
Opinion of Probable Construction					
Extension to Genesis					
			Ironwood Construction & Engineering, LLC PO Box 1369 Crossville, TN 38557 License: 60849		
			Engineer's Estimate		
			TOTAL PROJECT		TOTAL PROJECT
Item	Description	Unit	Quantity	Unit Price	Total
	MOBILIZATION				
105-01	Line & Grade Survey	LS	1	\$2,000.00	\$2,000.00
717-01S	Mobilization	LS	1	\$5,000.00	\$5,000.00
712-01S	Traffic Control	LS	1	\$5,000.00	\$5,000.00
722-01.01	Field Office (Type I)	LS	1	\$1,000.00	\$1,000.00
	DEMOLITION AND REMOVAL				
202-03	Removal of Sidewalk	SY	48	\$15.00	\$720.00
202-08.10	Removal of Curb	LF	110	\$10.00	\$1,100.00
	EROSION PREVENTION AND SEDIMENT CONTROL				
209-09.41	Curb Inlet Protection (Type 2)	EA	9	\$100.00	\$900.00
801-01.07S	Temporary Seeding (With Mulch)	SY	45	\$2.00	\$90.00
	EARTHWORK				
603-05.20	Containment and Disposal of Waste	CY	500	\$75.00	\$37,500.00
	WATER DISTRIBUTION				
501-01S	Trench Repair (Asphalt Area Including Removal)	SY	720	\$95.00	\$68,400.00
630-01.06S	6" DIP PR350 Waterline	LF	178	\$71.80	\$12,780.40
630-01.08S	8" DIP PR350 Waterline	LF	12	\$76.29	\$915.48
630-01.12S	12" DIP PR350 Waterline	LF	1277	\$94.23	\$120,331.71
630-03.01S	M.J. Waterline Fittings	LB	5500	\$3.00	\$16,500.00
630-04.02S	2" Gate Valve w/ Valve Box & Marker	EA	4	\$1,000.00	\$4,000.00
630-04.06S	6" Gate Valve w/ Valve Box & Marker	EA	3	\$1,900.00	\$5,700.00
630-04.08S	8" Gate Valve w/ Valve Box & Marker	EA	1	\$2,100.00	\$2,100.00
630-05.10S	10" Tapping Sleeve & Valve	EA	1	\$6,000.00	\$6,000.00
630-04.12S	12" Gate Valve w/ Valve Box & Marker	EA	1	\$4,000.00	\$4,000.00

630-06.05S	5-1/4" Fire Hydrant Assembly	EA	3	\$4,000.00	\$12,000.00
630-08.01S	3/4" Water Service Installation	EA	2	\$1,000.00	\$2,000.00
630-08.02S	1" Water Service Installation	EA	1	\$2,000.00	\$2,000.00
630-08.03S	1-1/2" Water Service Installation	EA	2	\$2,500.00	\$5,000.00
630-08.04S	2" Water Service Installation	EA	1	\$3,000.00	\$3,000.00
630-09.01S	3/4" Copper Service Tubing	LF	117	\$20.00	\$2,340.00
630-09.03S	1-1/2" Copper Service Tubing	LF	30	\$80.00	\$2,400.00
630-09.04S	2" Copper Service Tubing	LF	144	\$100.00	\$14,400.00
	PORTLAND CEMENT CONCRETE PAVEMENT				
701-02.02S	Concrete Sidewalk (6")	SF	432	\$7.00	\$3,024.00
702-03S	Concrete Combined Curb & Gutter Type 6-30	LF	110	\$50.00	\$5,500.00
	MISCELLANEOUS SITE IMPROVEMENTS				
SUBTOTAL CONSTRUCTION					\$345,701.59
CONTINGENCY (10%)					\$34,570.00
TOTAL					\$380,271.59