

Silvey Road and Ridge Drive Water Main

CONSTRUCTION COST ESTIMATE

4/13/2017

	CONSTRUCTION COST ESTIMATE					Decker Construction		Still Ditching Service		Orr Wyatt Streetscape		Hoy Excavating LLC		Blue Nile Contractors		MB Construction, LLC		Triple C Underground, LLC Lawson Construction, LLC						
				Engineers		Lathrop, MO		Excelsior Springs, MO		Raytown, MO		Smithville, MO		Claycomo, MO		Monticello, MO		Odessa, MO		Kirksville, MO		Holthouse Construction LLC		
ITEM No.	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	
	Mobilization	1	LS	\$10,000.00	\$10,000	\$5,620.00	\$5,620.00	\$1,500.00	\$1,500.00	\$19,250.00	\$19,250.00	\$9,005.22	\$9,005.22	\$2,000.00	\$2,000.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	
2	12" DIP CL 52	20	LF	\$100.00	\$2,000	\$5.00	\$100.00	\$190.00	\$3,800.00	\$192.35	\$3,847.00	\$365.51	\$7,310.20	\$204.00	\$4,080.00	\$70.00	\$1,400.00	\$140.00	\$2,800.00	\$100.00	\$2,000.00	\$100.00	\$2,000.00	
3	6" PVC C900	2035	LF	\$50.00	\$101,750	\$24.00	\$48,840.00	\$35.00	\$71,225.00	\$56.65	\$115,282.75	\$36.10	\$73,463.50	\$36.00	\$73,260.00	\$27.00	\$54,945.00	\$20.00	\$40,700.00	\$46.00	\$93,610.00	\$40.00	\$81,400.00	
4	6" PVC C900 Directional Drill (w/o Casing)	118	LF	\$110.00	\$12,980	\$42.00	\$4,956.00	\$61.50	\$7,257.00	\$42.75	\$5,044.50	\$135.72	\$16,014.96	\$84.00	\$9,912.00	\$58.25	\$6,873.50	\$72.00	\$8,496.00	\$65.00	\$7,670.00	\$95.00	\$11,210.00	
5	4" PVC C900	15	LF	\$50.00	\$750	\$42.00	\$630.00	\$40.00	\$600.00	\$37.40	\$561.00	\$86.09	\$1,291.35	\$20.00	\$300.00	\$27.00	\$405.00	\$10.00	\$150.00	\$40.00	\$600.00	\$40.00	\$600.00	
6	2 1/2" Water Main	35	LF	\$30.00	\$1,050	\$32.00	\$1,120.00	\$35.00	\$1,225.00	\$21.35	\$747.25	\$14.96	\$523.60	\$73.00	\$2,555.00	\$27.00	\$945.00	\$10.00	\$350.00	\$30.00	\$1,050.00	\$35.00	\$1,225.00	
7	4" Gate Valve	2	EA	\$1,300.00	\$2,600	\$900.00	\$1,800.00	\$600.00	\$1,200.00	\$855.00	\$1,710.00	\$717.95	\$1,435.90	\$588.00	\$1,176.00	\$766.00	\$1,532.00	\$900.00	\$1,800.00	\$1,900.00	\$3,800.00	\$750.00	\$1,500.00	
8	6" Gate Valve	5	EA	\$1,400.00	\$7,000	\$1,100.00	\$5,500.00	\$986.00	\$4,930.00	\$960.00	\$4,800.00	\$1,049.50	\$5,247.50	\$842.50	\$4,212.50	\$1,013.00	\$5,065.00	\$1,100.00	\$5,500.00	\$2,000.00	\$10,000.00	\$900.00	\$4,500.00	
9	6" Tee w/ Backing Block	6	EA	\$550.00	\$3,300	\$400.00	\$2,400.00	\$540.00	\$3,240.00	\$535.00	\$3,210.00	\$556.34	\$3,338.04	\$413.00	\$2,478.00	\$600.00	\$3,600.00	\$500.00	\$3,000.00	\$775.00	\$4,650.00	\$350.00	\$2,100.00	
10	4" 90 Degree Bend w/ Backing Block	1	EA	\$400.00	\$400	\$100.00	\$100.00	\$320.00	\$320.00	\$320.00	\$320.00	\$563.99	\$563.99	\$345.00	\$345.00	\$350.00	\$350.00	\$290.00	\$290.00	\$580.00	\$580.00	\$300.00	\$300.00	
11	6" 90 Degree Bend w/ Backing Block	2	EA	\$450.00	\$900	\$300.00	\$600.00	\$415.00	\$830.00	\$480.00	\$960.00	\$624.21	\$1,248.42	\$388.00	\$776.00	\$450.00	\$900.00	\$420.00	\$840.00	\$600.00	\$1,200.00	\$300.00	\$600.00	
12	6" 45 Degree Bend w/ Backing Block	10	EA	\$450.00	\$4,500	\$100.00	\$1,000.00	\$400.00	\$4,000.00	\$430.00	\$4,300.00	\$495.46	\$4,954.60	\$379.00	\$3,790.00	\$425.00	\$4,250.00	\$420.00	\$4,200.00	\$580.00	\$5,800.00	\$300.00	\$3,000.00	
13	6" MJ Plug	2	EA	\$350.00	\$700	\$100.00	\$200.00	\$275.00	\$550.00	\$215.00	\$430.00	\$514.29	\$1,028.58	\$448.00	\$896.00	\$225.00	\$450.00	\$250.00	\$500.00	\$450.00	\$900.00	\$150.00	\$300.00	
14	6" x 4" Reducer	2	EA	\$450.00	\$900	\$100.00	\$200.00	\$232.00	\$464.00	\$265.00	\$530.00	\$190.19	\$380.38	\$231.00	\$462.00	\$465.00	\$930.00	\$400.00	\$800.00	\$500.00	\$1,000.00	\$200.00	\$400.00	
15	2 1/2" Tap w/ Dielectric Coupling	1	EA	\$450.00	\$450	\$400.00	\$400.00	\$225.00	\$225.00	\$535.00	\$535.00	\$1,642.08	\$1,642.08	\$208.00	\$208.00	\$550.00	\$550.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	
16	Connect to Existing Water Main	5	EA	\$2,135.00	\$10,675	\$2,920.00	\$14,600.00	\$2,400.00	\$12,000.00	\$3,205.00	\$16,025.00	\$2,327.07	\$11,635.35	\$2,880.00	\$14,400.00	\$3,310.00	\$16,550.00	\$4,000.00	\$20,000.00	\$5,000.00	\$25,000.00	\$1,440.00	\$7,200.00	
17	Straddle Block	7	EA	\$1,100.00	\$7,700	\$100.00	\$700.00	\$425.00	\$2,975.00	\$2,140.00	\$14,980.00	\$551.70	\$3,861.90	\$246.00	\$1,722.00	\$750.00	\$5,250.00	\$525.00	\$3,675.00	\$1,000.00	\$7,000.00	\$900.00	\$6,300.00	
18	Fire Hydrant Assembly	5	EA	\$4,000.00	\$20,000	\$4,460.00	\$22,300.00	\$3,670.00	\$18,350.00	\$3,312.00	\$16,560.00	\$4,832.08	\$24,160.40	\$3,324.00	\$16,620.00	\$3,200.00	\$16,000.00	\$3,450.00	\$17,250.00	\$4,700.00	\$23,500.00	\$4,000.00	\$20,000.00	
19	Remove Fire Hydrant	1	EA	\$500.00	\$500	\$400.00	\$400.00	\$900.00	\$900.00	\$535.00	\$535.00	\$861.74	\$861.74	\$658.00	\$658.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	
20	Reconnect Water Service	3	EA	\$500.00	\$1,500	\$1,120.00	\$3,360.00	\$800.00	\$2,400.00	\$320.00	\$960.00	\$1,412.08	\$4,236.24	\$1,550.00	\$4,650.00	\$975.00	\$2,925.00	\$900.00	\$2,700.00	\$2,000.00	\$6,000.00	\$900.00	\$2,700.00	
	Asphalt Drive Replacement	25	SY	\$50.00	\$1,250	\$1.00	\$25.00	\$172.00	\$4,300.00	\$40.60	\$1,015.00	\$279.94	\$6,998.50	\$160.00	\$4,000.00	\$130.00	\$3,250.00	\$15.00	\$375.00	\$65.00	\$1,625.00	\$80.00	\$2,000.00	
	Gravel Drive Replacement	59	SY	\$30.00	\$1,770	\$1.00	\$59.00	4.0.00	\$1,062.00	\$34.20	\$2,017.80	\$107.44	\$6,338.96	\$6.00	\$354.00	\$35.00	\$2,065.00	\$5.00	\$295.00	\$25.00	\$1,475.00	\$15.00	\$885.00	
	Curb & Gutter Replacement	20	LF	\$50.00	\$1,000	\$1.00	\$20.00		\$1,500.00	\$37.40	\$748.00	\$44.34	\$886.80	\$40.00	\$800.00	\$90.00	\$1,800.00	\$30.00	\$600.00	\$90.00	\$1,800.00	\$50.00	\$1,000.00	
	Chain Link Fence Replacement	170	LF	\$20.00	\$3,400	\$1.00	\$170.00	* - /	\$595,000.00	\$94.00	\$15,980.00	\$37.77	\$6,420.90	\$20.00	\$3,400.00	\$30.00	\$5,100.00	\$15.00	\$2,550.00	\$25.00	\$4,250.00	\$30.00	\$5,100.00	
	Remove and Replace Mailbox	2	EA	\$200.00	\$400	\$1.00	\$2.00	*	\$200.00	\$107.00	\$214.00	\$404.24	\$808.48	\$95.00	\$190.00	\$800.00	\$1,600.00	\$150.00	\$300.00	\$200.00	\$400.00	\$300.00	\$600.00	
	Erosion & Sediment Control	1	LS	\$2,000.00	\$2,000	\$1,210.00	\$1,210.00	+ /	\$1,500.00	\$4,540.00	\$4,540.00	\$1,188.65	\$1,188.65	\$1,012.00	\$1,012.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$3,600.00	\$3,600.00	
	Traffic Control	1	LS	\$5,000.00	\$5,000	\$1,000.00	\$1,000.00	\$2,750.00	\$2,750.00	\$5,130.00	\$5,130.00	\$5,414.48	\$5,414.48	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$4,260.00	\$4,260.00	
	Seeding	1	LS	\$5,000.00	\$5,000	\$6,200.00	\$6,200.00	\$4,500.00	\$4,500.00	\$4,810.00	\$4,810.00	\$1,139.87	\$1,139.87	\$3,800.00	\$3,800.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$4,800.00	\$4,800.00	
29	Asphalt Pavement Replacement	94	SY	\$60.00	\$5,640	\$1.00	\$94.00		\$16,450.00	\$40.60	\$3,816.40	\$172.01	\$16,168.94	\$130.00	\$12,220.00	\$130.00	\$12,220.00	\$15.00	\$1,410.00	\$150.00	. ,	\$100.00	\$9,400.00	
	TAL BASE BID:		\$215,115.00		\$123,606.00		\$765,253.00		• • • • • • • • • • • • • • • • • • • •		\$217,569.53	, , ,		\$169,655.50		7,		\$242,010.00			\$185,980.00			
	Substantially Complete On or Before: Complete and Ready for Final Payment On or Before: Addendas:					90 days		90 days		90 days		90 days		90 days		90 days		90 days		90 days		90 days		
				1		120 days		120 days		120 days		120 days		120 days		120 days		120 days		120 days		120 days		
						3		3		2		3		2		3		3		3		3		
	Bid Guarantee:					5%		5%		5	5%		5%		5%		5%		5%		5%		5%	
1	Remarks:						\$173,753.00			I														