

## Summary of Conceptual Estimated Construction Cost for the Hillside Estates - Water Main Extension City of Council Bluffs, Iowa 12-Jul-21

		Estir	nated	Unit Price	Total Price
Code	Description	Qua	ntity		
Division V : Water Main Improvements					
	8" C900 PVC Water Main, Class DR18, Open Cut	580	LF	\$80.00	\$46,400.00
	8" C900 PVC Water Main, Class DR18, Trenchless	60	LF	\$160.00	\$9,600.00
	10" x 10" x 8" Mechanical Joint Tee	1	EA	\$1,200.00	\$1,200.00
	8" x 6" Reducer	1	EA	\$450.00	\$450.00
	45° Mechanical Joint Bend, 8"	1	EA	\$625.00	\$625.00
	22.5° Mechanical Joint Bend, 8"	1	EA	\$600.00	\$600.00
	11.25° Mechanical Joint Bend, 8"	1	EA	\$575.00	\$575.00
	8" Mechanical Joint Gate Valve with Box	1	EA	\$2,000.00	\$2,000.00
	10" Over-sized Sleeve	2	EA	\$750.00	\$1,500.00
	Fire Hydrant Assembly	2	EA	\$6,000.00	\$12,000.00
	Cut and Connect to Existing 10" Water Main	1	EA	\$1,800.00	\$1,800.00
	Full Depth Patch PCC	50	SY	\$150.00	\$7,500.00
	Traffic control	1	LS	\$1,500.00	\$1,500.00
	Select Backfill for Water Main	250	CY	\$12.00	\$3,000.00
	Granular Bedding for Water Main, 1-1/2" Clean	25	TN	\$37.00	\$925.00
	~				200 (77 00
Conceptual Construction Cost Division V Subtotal:					\$89,675.00
15% Contingency:					\$13,451.25
Concentual Construction Cost Division V Total					\$103,126.25
		8" C900 PVC Water Main, Class DR18, Open Cut 8" C900 PVC Water Main, Class DR18, Trenchless 10" x 10" x 8" Mechanical Joint Tee 8" x 6" Reducer 45° Mechanical Joint Bend, 8" 22.5° Mechanical Joint Bend, 8" 11.25° Mechanical Joint Bend, 8" 8" Mechanical Joint Gate Valve with Box 10" Over-sized Sleeve Fire Hydrant Assembly Cut and Connect to Existing 10" Water Main Full Depth Patch PCC Traffic control Select Backfill for Water Main Granular Bedding for Water Main, 1-1/2" Clean	Code         Description         Quality           n V: Water Main Improvements         8" C900 PVC Water Main, Class DR18, Open Cut         580           8" C900 PVC Water Main, Class DR18, Trenchless         60           10" x 10" x 8" Mechanical Joint Tee         1           8" x 6" Reducer         1           45° Mechanical Joint Bend, 8"         1           22.5° Mechanical Joint Bend, 8"         1           8" Mechanical Joint Gate Valve with Box         1           10" Over-sized Sleeve         2           Fire Hydrant Assembly         2           Cut and Connect to Existing 10" Water Main         1           Full Depth Patch PCC         50           Traffic control         1           Select Backfill for Water Main         250           Granular Bedding for Water Main, 1-1/2" Clean         25    Conceptual Construction Construc	N V : Water Main Improvements	Code         Description         Quantity         Price           n V : Water Main Improvements         8" C900 PVC Water Main, Class DR18, Open Cut         580 LF \$80.00           8" C900 PVC Water Main, Class DR18, Trenchless         60 LF \$160.00           10" x 10" x 8" Mechanical Joint Tee         1 EA \$1,200.00           8" x 6" Reducer         1 EA \$450.00           45° Mechanical Joint Bend, 8"         1 EA \$625.00           22.5° Mechanical Joint Bend, 8"         1 EA \$600.00           11.25° Mechanical Joint Bend, 8"         1 EA \$575.00           8" Mechanical Joint Gate Valve with Box         1 EA \$2,000.00           10" Over-sized Sleeve         2 EA \$750.00           Fire Hydrant Assembly         2 EA \$6,000.00           Cut and Connect to Existing 10" Water Main         1 EA \$1,800.00           Full Depth Patch PCC         50 SY \$150.00           Traffic control         1 LS \$1,500.00           Select Backfill for Water Main         250 CY \$12.00           Granular Bedding for Water Main, 1-1/2" Clean         25 TN \$37.00