



**CVL Consultants of Colorado, Inc.**  
 10333 E. Dry Creek Rd  
 Suite 240  
 Englewood, Colorado 80112  
 720.482.9526 Fax 720.482.9546

**PROJECT: TRAILS AT CROWFOOT**  
**CLIENT: E5X**  
**FILING 7 COST ESTIMATE**

**JOB NUMBER: 8.13.0283701**  
**DATE: 4/14/2017**  
**PREPARED BY: BPW**

**SUMMARY - ONSITE**

Item	Description	Total Cost
	DEMOLITION	\$0
	EARTHWORK	\$13,264
	WET UTILITIES	\$307,906
	WATER	\$171,346
	SANITARY SEWER	\$136,560
	STORM SEWER	\$0
	STORMWATER (PONDS, CHANNELS)	\$0
	ROADWAYS	\$397,415
	DRY UTILITIES	\$0
	LANDSCAPING/MONUMENTATION	\$0
	SITE AMENITIES (PARKS/REC CENTERS/ETC)	\$0
	CONTINGENCY (10%)	\$71,859
	<b>TOTAL ONSITE</b>	<b>\$790,444</b>

**SUMMARY - OFFSITE**

Item	Description	Total Cost
	PERMANENT OFF-SITE POWER-FEEDER	\$0
	PERMANENT OFF-SITE GAS-FEEDER	\$0
	CONTINGENCY (10%)	\$0
	<b>TOTAL OFFSITE</b>	<b>\$0</b>

**SUBMITTAL/PERMIT FEES**

Item	Description	Total Cost
	PLANNING APP. FEES - PRELIMINARY PLANS(PRELIM DRAINAGE REPORT)	\$0
	ENGINEERING FEES - FINAL PLANS	\$0
	WATER/SEWER/STORM (DEVELOPMENT FEES)	\$0
	GENERAL MAINTENANCE - EROSION CONTROL (ON-GOING)	\$0
	GENERAL MAINTENANCE - OTHER	\$0
	EROSION CONTROL	\$0
	CONTINGENCY (10%)	\$0
	<b>TOTAL SUBMITTAL/PERMIT FEES</b>	<b>\$0</b>

**PROFESSIONAL FEES**

Item	Description	Total Cost
	ARCHITECT/ENGINEERING DESIGN FEES (5%)	\$0
	GEOTECHNICAL TESTING/OBSERVATION FEES (2%)	\$0
	CONSTRUCTION MANAGEMENT FEES (3%)	\$0
	CONTINGENCY (10%)	\$0
	<b>TOTAL PROFESSIONAL FEES</b>	<b>\$0</b>

**TOTAL DEVELOPMENT COSTS**

**\$790,444**

**NOTES:**

1. All costs are furnished and in-place costs.
2. Reference Town of Parker and Parker Water and Sanitary standards unless noted otherwise
3. Final subgrade treatments/roadway pavement design to be provided by geotechnical engineer.
4. No power or gas feeder costs have been included in this estimate.
5. No design or submittal fees have been included in this estimate
6. No erosion control maintenance has been included in this estimate
7. Costs do not include JDA streets and utilities



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**STREET SUMMARY**

**DEMOLITION**

Item	Description	Quantity	Unit
	REMOVE EXISTING ASPHALT(8" THICK)	0	S.Y.
	REMOVE EXISTING CONCRETE(6" THICK)	0	S.Y.
	REMOVE EXISTING PIPE	0	L.F.
	REMOVE EXISTING LIGHT	0	EA.
	REMOVE EXISTING MANHOLE/INLET	0	EA.

**STREET SUMMARY**

**EARTHWORK**

Item	Description	Quantity	Unit
	SUBGRADE PREPARATION(clearing & grubbing, 3" topsoil removal/stockpile)	6,632	S.Y.
	SUBGRADE PREPARATION TAPER(clearing & grubbing, 3" topsoil removal/stockpile)	0	S.Y.
	STREET GRADING (3'xWxL)	0	C.Y.
	STREET OVEREXCAVATION (3' deep & moisture treatment per geotech report)	0	C.Y.

**STREET SUMMARY**

**WATER**

Item	Description	Quantity	Unit
	24" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.
	16" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.
	12" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.
	8" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	1,602	L.F.
	6" WATERPIPE (DIP-FIRE HYDRANT LINE)	76	L.F.
	24" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.
	16" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.
	12" GATE VALVE W/ BOX (1 at 400 ft spacing)	0	EA.
	8" GATE VALVE W/ BOX (1 at 400 ft spacing)	1	EA.
	6" GATE VALVE W/ BOX	3	EA.
	FIRE HYDRANT ASSEMBLY (1 at 400 ft spacing)	3	EA.
	AIR/VAC VALVE W/ VAULT	0	EA.
	8" BLOWOFF (2" END OF PIPE)	0	EA.
	12" BLOWOFF (2" END OF PIPE)	0	EA.
	16" BLOWOFF (2" END OF PIPE)	0	EA.
	24" BLOWOFF (2" END OF PIPE)	0	EA.
	8" BEND	8	EA.
	12" BEND	0	EA.
	8" CROSS	0	EA.
	12" CROSS	0	EA.
	8" TEE	3	EA.
	12" TEE	0	EA.
	16" STEEL CASING PIPE	0	L.F.
	20" STEEL CASING PIPE	0	L.F.
	22" STEEL CASING PIPE	0	L.F.
	WATER MAIN CONNECTION	0	EA.
	WATER SERVICE LATERAL W/ WATER METER AND PIT	49	EA.



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**STREET SUMMARY**

**SANITARY SEWER**

Item	Description	Quantity	Unit
	24" SEWER (SDR-35 PVC)	0	31
	18" SEWER (SDR-35 PVC)	0	31
	15" SEWER (SDR-35 PVC)	0	31
	12" SEWER (SDR-35 PVC)	0	31
	8" SEWER (SDR-35 PVC)	1,116	31
	4' DIA. MANHOLE (1 at 400 ft spacing)	8	31
	5' DIA. MANHOLE (1 at 400 ft spacing)	0	31
	INTERMEDIATE PLATFORM	0	31
	SEWER MAIN CONNECTION	0	31
	SEWER SERVICE LATERAL W/ WYE TAP	49	31

**STREET SUMMARY**

**STORM SEWER**

Item	Description	Quantity	Unit
	15" STORM SEWER (Class III RCP)	0	L.F.
	18" STORM SEWER (Class III RCP)	0	L.F.
	24" STORM SEWER (Class III RCP)	0	L.F.
	30" STORM SEWER (Class III RCP)	0	L.F.
	36" STORM SEWER (Class III RCP)	0	L.F.
	42" STORM SEWER (Class III RCP)	0	L.F.
	48" STORM SEWER (Class III RCP)	0	L.F.
	54" STORM SEWER (Class III RCP)	0	L.F.
	60" STORM SEWER (Class III RCP)	0	L.F.
	6'x4' BOX CULVERT (Class III RCBC)	0	L.F.
	10'x6' BOX CULVERT (Class III RCBC)	0	L.F.
	HEADWALL (PER COA/CDOT STANDARD) (includes handrails)	0	EA.
	4' DIA. MANHOLE	0	EA.
	5' DIA. MANHOLE	0	EA.
	TYPE R INLET (5')	0	EA.
	TYPE R INLET (10')	0	EA.
	TYPE R INLET (15')	0	EA.
	18" FES	0	EA.
	24" FES	0	EA.
	30" FES	0	EA.
	36" FES	0	EA.
	48" FES	0	EA.



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**STREET SUMMARY**

**ROADWAYS**

Item	Description	Quantity	Unit
	FULL DEPTH ASPHALT PAVEMENT (9" THICK)	5,527	S.Y.
	TEMPORARY ASPHALT TRANSITION (9" THICK)	0	S.Y.
	CONCRETE PAVEMENT (10" THICK)	0	S.Y.
	6" CONCRETE CURB & GUTTER WITH 2' PAN	3,316	L.F.
	6" CONCRETE CURB & GUTTER WITH 1' PAN	0	L.F.
	4" TRENCH DRAIN (PVC) W/ CLEANOUTS, FILTER FABRIC, AND FILTER MATERIAL	0	L.F.
	6"X10' CONCRETE SIDEWALK W/ FIBER MESH	3,316	L.F.
	CONCRETE CROSSSPAN (6" THICK)	0	EA.
	HANDICAP RAMPS	0	EA.
	STRIPING 1/2 width (2 solid edge lines and 2 dashed lane lines - typ)	0	L.F.
	STRIPING taper (centerline - typ)	0	L.F.
	SIGNAGE (1 Sign every 300 feet)	8	EA.

**STREET SUMMARY**

**DRY UTILITIES**

Item	Description	Quantity	Unit
	ON-SITE STREET GAS LINES	3,316	L.F.
	ON-SITE STREET ELECTRIC LINES	3,316	L.F.
	LOT GAS SERVICE	49	EA.
	LOT ELECTRIC SERVICE	49	EA.
	STREET LIGHTS (ONE SIDE AT 180' SPACING)	3	EA.

**STREET SUMMARY**

**LANDSCAPING/MONUMENTION**

Item	Description	Quantity	Unit
	STREETSCAPE LANDSCAPING (MEDIANS/SIDEWALK STRIP)	0	L.F.
	FENCING	0	L.F.
	IRRIGATION AND SLEEVING	0	L.F.
	MONUMENTATION	0	LS



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Length (ft) Taper (ft) Total Lots  
 0 0 10

**ROSE MALLOW AVENUE DEMOLITION**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	REMOVE EXISTING ASPHALT(8" THICK)	0	S.Y.	\$8.00	\$0.00
	REMOVE EXISTING CONCRETE(6" THICK)	0	S.Y.	\$6.00	\$0.00
	REMOVE EXISTING PIPE	0	L.F.	\$5.00	\$0.00
	REMOVE EXISTING LIGHT	0	EA.	\$200.00	\$0.00
	REMOVE EXISTING MANHOLE/INLET	0	EA.	\$500.00	\$0.00

\*UTILITIES ONLY FOR FILING 7 ROSE MALLOW AVENUE Total Cost **\$0.00**

**ROSE MALLOW AVENUE EARTHWORK**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	SUBGRADE PREPARATION(clearing & grubbing, 3" topsoil removal/stockpile)	0	S.Y.	\$2.00	\$0.00
	SUBGRADE PREPARATION TAPER(clearing & grubbing, 3" topsoil removal/stockpile)	0	S.Y.	\$2.00	\$0.00
	STREET GRADING (3xWxL)	0	C.Y.	\$3.00	\$0.00
	STREET OVEREXCAVATION (5' deep & moisture treatment per geotech report)	0	C.Y.	\$6.00	\$0.00

Total Cost **\$0.00**

**ROSE MALLOW AVENUE WATER**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	24" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$110.00	\$0.00
	16" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$80.00	\$0.00
	12" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$43.00	\$0.00
	8" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$38.00	\$0.00
	6" WATERPIPE (DIP-FIRE HYDRANT LINE)	0	L.F.	\$20.00	\$0.00
	24" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.	\$18,500.00	\$0.00
	16" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.	\$16,000.00	\$0.00
	12" GATE VALVE W/ BOX (1 at 400 ft spacing)	0	EA.	\$3,000.00	\$0.00
	8" GATE VALVE W/ BOX (1 at 400 ft spacing)	0	EA.	\$2,000.00	\$0.00
	6" GATE VALVE W/ BOX	0	EA.	\$1,000.00	\$0.00
	FIRE HYDRANT ASSEMBLY (1 at 400 ft spacing)	0	EA.	\$4,400.00	\$0.00
	AIR/VAC VALVE W/ VAULT	0	EA.	\$6,500.00	\$0.00
	8" BLOWOFF (2" END OF PIPE)	0	EA.	\$1,500.00	\$0.00
	12" BLOWOFF (2" END OF PIPE)	0	EA.	\$2,500.00	\$0.00
	16" BLOWOFF (2" END OF PIPE)	0	EA.	\$3,700.00	\$0.00
	24" BLOWOFF (2" END OF PIPE)	0	EA.	\$4,700.00	\$0.00
	8" BEND	0	EA.	\$650.00	\$0.00
	12" BEND	0	EA.	\$1,200.00	\$0.00
	8" CROSS	0	EA.	\$1,300.00	\$0.00
	12" CROSS	0	EA.	\$1,300.00	\$0.00
	8" TEE	0	EA.	\$750.00	\$0.00
	12" TEE	0	EA.	\$1,050.00	\$0.00
	16" STEEL CASING PIPE	0	L.F.	\$120.00	\$0.00
	20" STEEL CASING PIPE	0	L.F.	\$150.00	\$0.00
	22" STEEL CASING PIPE	0	L.F.	\$165.00	\$0.00
	WATER MAIN CONNECTION	0	EA.	\$2,500.00	\$0.00
	WATER SERVICE LATERAL W/ WATER METER AND PIT	10	EA.	\$1,700.00	\$17,000.00

Total Cost **\$17,000.00**

**ROSE MALLOW AVENUE SANITARY SEWER**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	24" SEWER (SDR-35 PVC)	0	L.F.	\$72.00	\$0.00
	18" SEWER (SDR-35 PVC)	0	L.F.	\$67.00	\$0.00
	15" SEWER (SDR-35 PVC)	0	L.F.	\$65.00	\$0.00
	12" SEWER (SDR-35 PVC)	0	L.F.	\$60.00	\$0.00
	8" SEWER (SDR-35 PVC)	0	L.F.	\$35.00	\$0.00
	4' DIA. MANHOLE (1 at 400 ft spacing)	0	EA.	\$3,000.00	\$0.00
	5' DIA. MANHOLE (1 at 400 ft spacing)	0	EA.	\$4,200.00	\$0.00
	INTERMEDIATE PLATFORM	0	EA.	\$500.00	\$0.00
	SEWER MAIN CONNECTION	0	EA.	\$2,000.00	\$0.00
	SEWER SERVICE LATERAL W/ WYE TAP	10	EA.	\$1,500.00	\$15,000.00

Total Cost **\$15,000.00**





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JOB NUMBER: 8.13.0283701  
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Length (ft) Taper (ft) Total Lots  
 980 0 24

**SHASTA DAISY TERRACE DEMOLITION**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	REMOVE EXISTING ASPHALT(8" THICK)	0	S.Y.	\$8.00	\$0.00
	REMOVE EXISTING CONCRETE(6" THICK)	0	S.Y.	\$6.00	\$0.00
	REMOVE EXISTING PIPE	0	L.F.	\$5.00	\$0.00
	REMOVE EXISTING LIGHT	0	EA.	\$200.00	\$0.00
	REMOVE EXISTING MANHOLE/INLET	0	EA.	\$500.00	\$0.00
Total Cost					<b>\$0.00</b>

**SHASTA DAISY TERRACE EARTHWORK**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	SUBGRADE PREPARATION(clearing & grubbing, 3" topsoil removal/stockpile)	3,920	S.Y.	\$2.00	\$7,840.00
	SUBGRADE PREPARATION TAPER(clearing & grubbing, 3" topsoil removal/stockpile)	0	S.Y.	\$2.00	\$0.00
	STREET GRADING (3xWxL)	0	C.Y.	\$3.00	\$0.00
	STREET OVEREXCAVATION (5' deep & moisture treatment per geotech report)	0	C.Y.	\$6.00	\$0.00
Total Cost					<b>\$7,840.00</b>

**SHASTA DAISY TERRACE WATER**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	24" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$110.00	\$0.00
	16" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$80.00	\$0.00
	12" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$43.00	\$0.00
	8" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	974	L.F.	\$38.00	\$37,012.00
	6" WATERPIPE (DIP-FIRE HYDRANT LINE)	46	L.F.	\$20.00	\$920.00
	24" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.	\$18,500.00	\$0.00
	16" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.	\$16,000.00	\$0.00
	12" GATE VALVE W/ BOX (1 at 400 ft spacing)	0	EA.	\$3,000.00	\$0.00
	8" GATE VALVE W/ BOX (1 at 400 ft spacing)	1	EA.	\$2,000.00	\$2,000.00
	6" GATE VALVE W/ BOX	2	EA.	\$1,000.00	\$2,000.00
	FIRE HYDRANT ASSEMBLY (1 at 400 ft spacing)	2	EA.	\$4,400.00	\$8,800.00
	AIR/VAC VALVE W/ VAULT	0	EA.	\$6,500.00	\$0.00
	8" BLOWOFF (2" END OF PIPE)	0	EA.	\$1,500.00	\$0.00
	12" BLOWOFF (2" END OF PIPE)	0	EA.	\$2,500.00	\$0.00
	16" BLOWOFF (2" END OF PIPE)	0	EA.	\$3,700.00	\$0.00
	24" BLOWOFF (2" END OF PIPE)	0	EA.	\$4,700.00	\$0.00
	8" BEND	5	EA.	\$650.00	\$3,250.00
	12" BEND	0	EA.	\$1,200.00	\$0.00
	8" CROSS	0	EA.	\$1,300.00	\$0.00
	12" CROSS	0	EA.	\$1,300.00	\$0.00
	8" TEE	2	EA.	\$750.00	\$1,500.00
	12" TEE	0	EA.	\$1,050.00	\$0.00
	16" STEEL CASING PIPE	0	L.F.	\$120.00	\$0.00
	20" STEEL CASING PIPE	0	L.F.	\$150.00	\$0.00
	22" STEEL CASING PIPE	0	L.F.	\$165.00	\$0.00
	WATER MAIN CONNECTION	0	EA.	\$2,500.00	\$0.00
	WATER SERVICE LATERAL W/ WATER METER AND PIT	24	EA.	\$1,700.00	\$40,800.00
Total Cost					<b>\$96,282.00</b>

**SHASTA DAISY TERRACE SANITARY SEWER**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	24" SEWER (SDR-35 PVC)	0	L.F.	\$72.00	\$0.00
	18" SEWER (SDR-35 PVC)	0	L.F.	\$67.00	\$0.00
	15" SEWER (SDR-35 PVC)	0	L.F.	\$65.00	\$0.00
	12" SEWER (SDR-35 PVC)	0	L.F.	\$60.00	\$0.00
	8" SEWER (SDR-35 PVC)	558	L.F.	\$35.00	\$19,530.00
	4' DIA. MANHOLE (1 at 400 ft spacing)	4	EA.	\$3,000.00	\$12,000.00
	5' DIA. MANHOLE (1 at 400 ft spacing)	0	EA.	\$4,200.00	\$0.00
	INTERMEDIATE PLATFORM	0	EA.	\$500.00	\$0.00
	SEWER MAIN CONNECTION	0	EA.	\$2,000.00	\$0.00
	SEWER SERVICE LATERAL W/ WYE TAP	24	EA.	\$1,500.00	\$36,000.00
Total Cost					<b>\$67,530.00</b>





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 DATE: 4/14/2017  
 PREPARED BY: BPW

Length (ft) Taper (ft) Total Lots  
 678 0 15

**DAMES ROCKET STREET DEMOLITION**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	REMOVE EXISTING ASPHALT(6" THICK)	0	S.Y.	\$8.00	\$0.00
	REMOVE EXISTING CONCRETE(6" THICK)	0	S.Y.	\$6.00	\$0.00
	REMOVE EXISTING PIPE	0	L.F.	\$5.00	\$0.00
	REMOVE EXISTING LIGHT	0	EA.	\$200.00	\$0.00
	REMOVE EXISTING MANHOLE/INLET	0	EA.	\$500.00	\$0.00
Total Cost					<b>\$0.00</b>

**DAMES ROCKET STREET EARTHWORK**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	SUBGRADE PREPARATION(clearing & grubbing, 3" topsoil removal/stockpile)	2,712	S.Y.	\$2.00	\$5,424.00
	SUBGRADE PREPARATION TAPER(clearing & grubbing, 3" topsoil removal/stockpile)	0	S.Y.	\$2.00	\$0.00
	STREET GRADING (3xWxL)	0	C.Y.	\$3.00	\$0.00
	STREET OVEREXCAVATION (5' deep & moisture treatment per geotech report)	0	C.Y.	\$6.00	\$0.00
Total Cost					<b>\$5,424.00</b>

**DAMES ROCKET STREET WATER**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	24" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$110.00	\$0.00
	16" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$80.00	\$0.00
	12" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	0	L.F.	\$43.00	\$0.00
	8" WATERPIPE (C900) (INCLUDES ALL FITTINGS/THRUST BLOCKS)	628	L.F.	\$38.00	\$23,864.00
	6" WATERPIPE (DIP-FIRE HYDRANT LINE)	30	L.F.	\$20.00	\$600.00
	24" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.	\$18,500.00	\$0.00
	16" BUTTERFLY VALVE W/ VAULT (1 at 1000 ft spacing)	0	EA.	\$16,000.00	\$0.00
	12" GATE VALVE W/ BOX (1 at 400 ft spacing)	0	EA.	\$3,000.00	\$0.00
	8" GATE VALVE W/ BOX (1 at 400 ft spacing)	0	EA.	\$2,000.00	\$0.00
	6" GATE VALVE W/ BOX	1	EA.	\$1,000.00	\$1,000.00
	FIRE HYDRANT ASSEMBLY (1 at 400 ft spacing)	1	EA.	\$4,400.00	\$4,400.00
	AIR/VAC VALVE W/ VAULT	0	EA.	\$6,500.00	\$0.00
	8" BLOWOFF (2" END OF PIPE)	0	EA.	\$1,500.00	\$0.00
	12" BLOWOFF (2" END OF PIPE)	0	EA.	\$2,500.00	\$0.00
	16" BLOWOFF (2" END OF PIPE)	0	EA.	\$3,700.00	\$0.00
	24" BLOWOFF (2" END OF PIPE)	0	EA.	\$4,700.00	\$0.00
	8" BEND	3	EA.	\$650.00	\$1,950.00
	12" BEND	0	EA.	\$1,200.00	\$0.00
	8" CROSS	0	EA.	\$1,300.00	\$0.00
	12" CROSS	0	EA.	\$1,300.00	\$0.00
	8" TEE	1	EA.	\$750.00	\$750.00
	12" TEE	0	EA.	\$1,050.00	\$0.00
	16" STEEL CASING PIPE	0	L.F.	\$120.00	\$0.00
	20" STEEL CASING PIPE	0	L.F.	\$150.00	\$0.00
	22" STEEL CASING PIPE	0	L.F.	\$165.00	\$0.00
	WATER MAIN CONNECTION	0	EA.	\$2,500.00	\$0.00
	WATER SERVICE LATERAL W/ WATER METER AND PIT	15	EA.	\$1,700.00	\$25,500.00
Total Cost					<b>\$58,064.00</b>

**DAMES ROCKET STREET SANITARY SEWER**

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	24" SEWER (SDR-35 PVC)	0	L.F.	\$72.00	\$0.00
	18" SEWER (SDR-35 PVC)	0	L.F.	\$67.00	\$0.00
	15" SEWER (SDR-35 PVC)	0	L.F.	\$65.00	\$0.00
	12" SEWER (SDR-35 PVC)	0	L.F.	\$60.00	\$0.00
	8" SEWER (SDR-35 PVC)	558	L.F.	\$35.00	\$19,530.00
	4' DIA. MANHOLE (1 at 400 ft spacing)	4	EA.	\$3,000.00	\$12,000.00
	5' DIA. MANHOLE (1 at 400 ft spacing)	0	EA.	\$4,200.00	\$0.00
	INTERMEDIATE PLATFORM	0	EA.	\$500.00	\$0.00
	SEWER MAIN CONNECTION	0	EA.	\$2,000.00	\$0.00
	SEWER SERVICE LATERAL W/ WYE TAP	15	EA.	\$1,500.00	\$22,500.00
Total Cost					<b>\$54,030.00</b>

