

**FAC 8930 INSTALLATION GAS DISTRIBUTION LINE**

FY24 SUC:                \$0.11 / LF  
Source:                 Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8930 INSTALLATION GAS DISTRIBUTION LINE

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM LF  
Design Life 36  
Average Size 3502.0

SUC \$0.11

Adjusted Occurences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

| Description   | Frequency | Qty Unit | Total In-House | Total Incl OP | Design Life/Frequency | Occurrences in Design Life | Adjusted Occurrences | Life Cost      | Adjusted Cost |
|---|-----------|----------|----------------|---------------|-----------------------|----------------------------|----------------------|----------------|---------------|
| Replace pressure regulator 2" diam. pipe natural gas        | 14        | 1.00 Ea. | \$990.78       | \$1,138.74    | 2.5714                | 2                          | 2                    | \$2,277.47     | \$2,277.47    |
| Check gas pressure natural gas, pressure reducing valve     | 5         | 1.00 Ea. | \$10.14        | \$12.70       | 7.2000                | 7                          | 7                    | \$88.89        | \$88.89       |
| Install new 4" gasket, 1 per M.L.F. natural gas, steel/iron | 30        | 1.00 Ea. | \$226.30       | \$280.46      | 1.2000                | 1                          | 1                    | \$280.46       | \$280.46      |
| Replace 10' of buried 6" diam steel pipe/M.L.F. natural gas | 12        | 1.00 Ea. | \$1,144.76     | \$1,388.21    | 3.0000                | 3                          | 3                    | \$4,164.64     | \$4,164.64    |
|   |           |          | \$2,371.98     | \$2,820.11    |                       |                            |                      | MR Subtotal    | \$6,811.46    |
|   |           |          |                |               |                       |                            |                      | MR Per Year    | \$189.21      |
|   |           |          |                |               |                       |                            |                      | PM Total       | \$203.86      |
|   |           |          |                |               |                       |                            |                      | Subtotal       | \$393.07      |
|   |           |          |                |               |                       |                            |                      | Total Per Unit | \$0.11        |

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Release 2023 Qtr 4 UM LF  
Zip Code Prefix 222 Design Life 36  
Type PM Average Size 3502.0

| Description                                   | Qty  | Labor Hours | Bare Mat | Bare Labor | Bare Equip | Bare Total | Total In-House | Total Incl OP |
|---|------|-------------|----------|------------|------------|------------|----------------|---------------|
| Valve, pressure regular, above 4", annualized | 1.00 | 0.36        | \$5.92   | \$19.18    | \$0.00     | \$25.10    | \$31.45        | \$38.09       |
| Cathodic protection system, annualized        | 1.00 | 1.46        | \$26.08  | \$83.23    | \$0.00     | \$109.31   | \$136.89       | \$165.77      |
|   |      |             |          |            |            | \$134.41   | \$168.34       | \$203.86      |



**FAC 8930 INSTALLATION GAS DISTRIBUTION LINE**  
**Modeled Component List**  
**CostWorks Release 2023 Qtr 4**

|                                 |          |
|---------------------------------|----------|
| G40 Site Electrical Utilities   |          |
| Cathodic Protection, annualized | 1.0 Each |

FAC 8930 INSTALLATION GAS DISTRIBUTION LINE  
Sustainment by Year  
CostWorks Release 2023 Qtr 4

