

**FAC 8722 SECURITY FENCE**

FY24 SUC:	\$5.05 / LF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8722 SECURITY FENCE

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM LF  
Design Life 26  
Average Size 7024.0

SUC \$5.05

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	
Minor chain link fence repairs, per 10 LF	1	700.00 Ea.	\$19,983.17	\$24,609.24	26.0000	26	26	\$639,840.24	\$639,840.24	
Replace bent 1-5/8" top rail, per 20 LF	2	2.00 Ea.	\$232.77	\$275.37	13.0000	13	13	\$3,579.78	\$3,579.78	
Replace broken barbed wire arm	2	3.00 Ea.	\$191.82	\$238.07	13.0000	13	13	\$3,094.91	\$3,094.91	
Replace barbed wire, 3 strands, per 100 LF	5	6.00 Ea.	\$2,901.98	\$3,492.45	5.2000	5	5	\$17,462.25	\$17,462.25	
Replace fence fabric, 6' high, 9 ga., per 10 LF	10	3.00 Ea.	\$722.37	\$858.82	2.6000	2	2	\$1,717.64	\$1,717.64	
Replace 6' x 18' cantilever slide gate	5	4.00 Opng.	\$20,381.51	\$23,247.33	5.2000	5	5	\$116,236.67	\$116,236.67	
Replace 2" line post	5	3.00 Ea.	\$1,931.69	\$2,286.46	5.2000	5	5	\$11,432.31	\$11,432.31	
Replace 3" corner post	10	3.00 Ea.	\$2,837.90	\$3,344.57	2.6000	2	2	\$6,689.13	\$6,689.13	
Replace 3" gate post	5	3.00 Ea.	\$3,535.72	\$4,172.15	5.2000	5	5	\$20,860.75	\$20,860.75	
Remove and replace steel guard rail	7	94.00 L.F.	\$6,578.82	\$7,638.97	3.7143	3	3	\$22,916.90	\$22,916.90	
			\$59,297.75	\$70,163.43				MR Subtotal	\$843,830.60	
									MR Per Year	\$32,455.02
									PM Total	\$2,985.50
									Subtotal	\$35,440.52
									Total Per Unit	\$5.05

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UM LF

Design Life 26

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Manual swing gate, annualized	2.00	3.46	\$20.67	\$179.14	\$0.00	\$199.81	\$255.61	\$312.46
Electric swing gate, annualized	4.00	11.36	\$64.08	\$588.12	\$0.00	\$652.20	\$835.04	\$1,021.09
Electric slide gate, annualized	4.00	19.06	\$58.25	\$986.96	\$0.00	\$1,045.21	\$1,347.13	\$1,651.95
						\$1,897.22	\$2,437.79	\$2,985.50



**FAC 8722 SECURITY FENCE**  
**Modeled Component List**  
**CostWorks Release 2023 Qtr 4**

G20 Site Improvements

Gate, Manual swing, annualized	2.0 Each
Gate, Electric swing, annualized	4.0 Each
Gate, Electric slide, annualized	4.0 Each

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Sustainment by Year  
CostWorks Release 2023 Qtr 4

