

FAC 8931 UTILITY TUNNEL

FY22 SUC: \$0.89 / LF

Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 8931 UTILITY TUNNEL

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM LF
Design Life 60
Average Size 1000.0

SUC \$0.89

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 repairs to concrete floor unfinished	15	50.00 S.F.	\$1,969.42	\$2,388.69	4.0000	4	4	\$9,554.75	\$9,554.75	
Clean floor drain w/o bucket	4	1.00 Ea.	\$117.32	\$146.72	15.0000	15	15	\$2,200.77	\$2,200.77	
Replace floor drain w/o bucket	40	1.00 Ea.	\$2,160.71	\$2,479.87	1.5000	1	1	\$2,479.87	\$2,479.87	
Insp/chk pump/mtr oper, lub, chk align, rainwater sump pump	1	1.00 Ea.	\$11.95	\$14.94	60.0000	60	60	\$896.61	\$896.61	
Replace rainwater sump pump / motor assembly	20	1.00 Ea.	\$632.43	\$747.09	3.0000	3	3	\$2,241.27	\$2,241.27	
Replace wireway, 8" x 8"	20	50.00 L.F.	\$3,473.42	\$4,206.37	3.0000	3	3	\$12,619.11	\$12,619.11	
Replace incandescent lighting fixture lamp for explosion proof fixture	5	40.00 Ea.	\$777.26	\$949.06	12.0000	12	12	\$11,388.75	\$11,388.75	
			\$9,142.52	\$10,932.74				MR Subtotal	\$41,381.14	
									MR Per Year	\$689.69
									PM Total	\$195.56
									Subtotal	\$885.25
									Total Per Unit	\$0.89

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Duplex sump, annualized	1.00	1.65	\$23.25	\$83.25	\$0.00	\$106.51	\$133.81	\$162.27
Light, emergency, hardwired system, annualized	1.00	0.25	\$7.73	\$14.76	\$0.00	\$22.50	\$27.70	\$33.29
						\$129.00	\$161.51	\$195.56

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Modeled Component List
CostWorks Release 2021 Qtr 3

D20 Plumbing

Floor Drain W/O Bucket 1.0 Ea.

Rainwater Sump Pump 1.0 Ea.

D50 Electrical

Explosion-Proof Fixture 40.0 Ea.

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Sustainment by Year
CostWorks Release 2021 Qtr 3

