

FAC 8514 TUNNEL

FY22 SUC: \$2.86 SF

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

FAC 8514 TUNNEL

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 55
Average Size 17990.0

SUC \$2.86

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	17,000.00 S.F.	\$669,603.35	\$812,153.73	3.6667	3	3	\$2,436,461.18	\$2,436,461.18	
Repair wrought iron balustrade	20	80.00 L.F.	\$15,887.58	\$18,675.92	2.7500	2	2	\$37,351.84	\$37,351.84	
Replace steel louver, 1st floor	40	2.00 Ea.	\$970.63	\$1,141.20	1.3750	1	1	\$1,141.20	\$1,141.20	
Refinish concrete floor finished	25	179.00 C.S.F.	\$75,507.09	\$90,695.77	2.2000	2	2	\$181,391.53	\$181,391.53	
Clean floor drain w/o bucket	4	12.00 Ea.	\$1,407.81	\$1,760.62	13.7500	13	13	\$22,888.04	\$22,888.04	
Repair fan, induced draft, 6700 CFM	10	2.00 Ea.	\$605.49	\$739.06	5.5000	5	5	\$3,695.30	\$3,695.30	
Replace fan, induced draft, 6700 CFM	20	2.00 Ea.	\$10,435.76	\$12,056.15	2.7500	2	2	\$24,112.30	\$24,112.30	
Metal floor grating repairs - (2% of grating)	10	16.00 S.F.	\$535.27	\$644.45	5.5000	5	5	\$3,222.23	\$3,222.23	
Refinish metal hand rail	7	500.00 L.F.	\$1,031.47	\$1,271.39	7.8571	7	7	\$8,899.72	\$8,899.72	
Maintenance and repair quartz fixture	10	12.00 Ea.	\$701.67	\$842.63	5.5000	5	5	\$4,213.16	\$4,213.16	
Replace EMT conduit, 1" diameter	50	1.20 M.L.F.	\$10,910.11	\$13,271.94	1.1000	1	1	\$13,271.94	\$13,271.94	
			\$787,596.24	\$953,252.85					MR Subtotal	\$2,736,648.44
									MR Per Year	\$49,757.24
									PM Total	\$1,783.57
									Subtotal	\$51,540.81
									Total Per Unit	\$2.86

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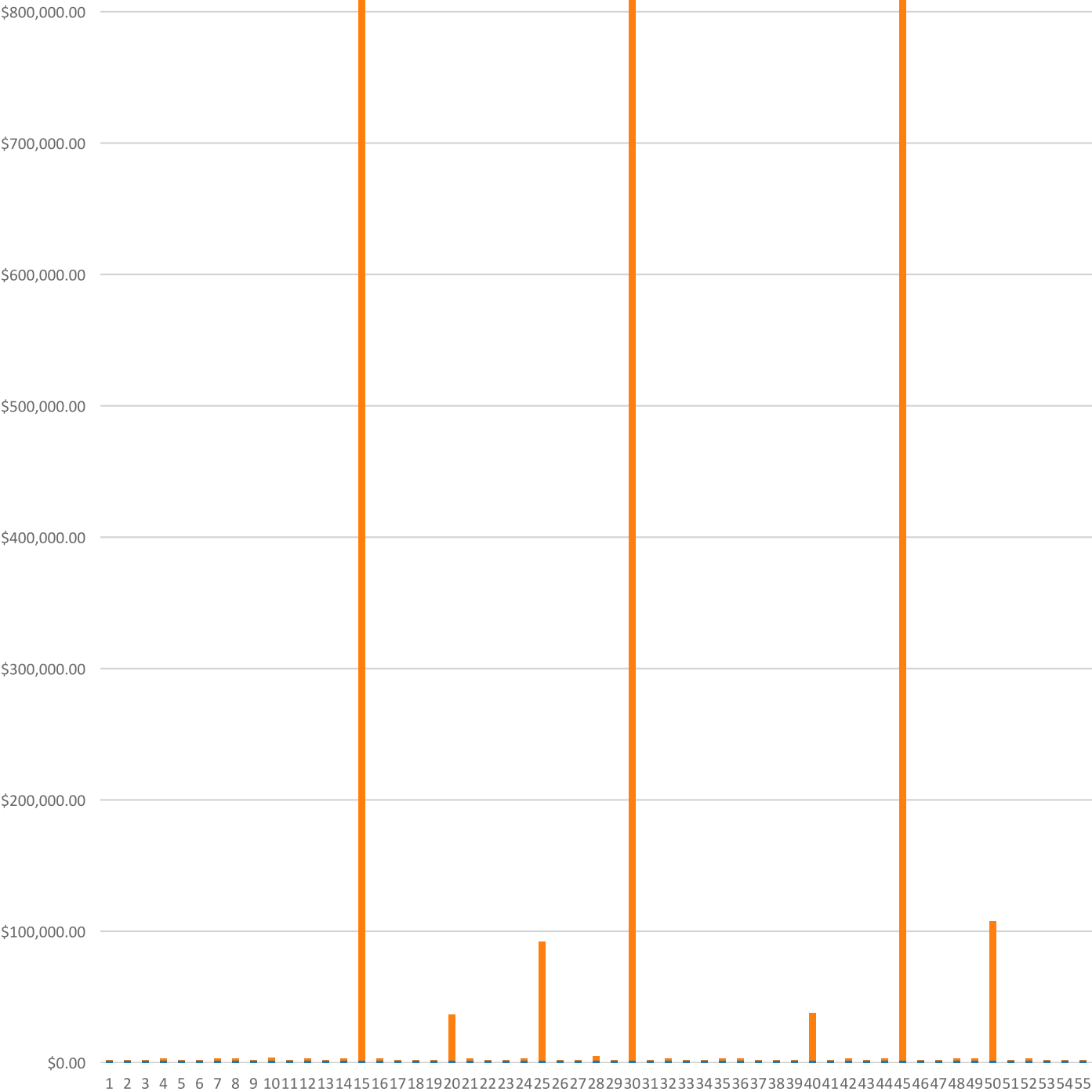
SUC \$2.86

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Oxygen monitor, annualized	1.00	5.00	\$399.34	\$251.09	\$0.00	\$650.43	\$765.69	\$900.92
Fire dampers, annualized	1.00	1.16	\$9.15	\$69.60	\$0.00	\$78.75	\$100.54	\$122.80
Fan, axial, 5,000 to 10,000 CFM, annualized	2.00	2.58	\$71.78	\$129.51	\$0.00	\$201.29	\$247.32	\$296.94
Light, emergency, dry cell, annualized	6.00	2.14	\$207.23	\$127.43	\$0.00	\$334.66	\$393.61	\$462.92
						\$1,265.13	\$1,507.16	\$1,783.57

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Modeled Component List
CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Steel Louver, 1st floor	2.0 Ea.
C30 Interior Finishes	
Concrete, Finished	179.0 C.S.F.
D30 HVAC	
Draft Fan, 6700 CFM	2.0 Ea.

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Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost