



Sport Courts Assessment Cost Opinion

Shrewsbury, MO

SWT Design Project #21570.01

Concept Plan - Order of Magnitude Cost Opinions

Numbers based upon Assessment Study Concepts, dated September 20, 2023

1 Ackfeld Park - Tennis Courts

Item	Quantity	Unit	Unit Cost	Subtotal	Notes
Demolition, Site Preperaton	1	al	\$10,000.00	\$10,000.00	includes removal of existing courts, adjustment of electrical service, and general site grading
Asphalt Tennis Courts (two courts)	1	al	\$100,000.00	\$100,000.00	includes the court construction with surfacing and perimeter fencing
Site Restoration / Sod	300	sy	\$9.00	\$2,700.00	
Sub total:				\$112,700.00	
Project Contingency (30%)				\$33,810.00	percentage of sub total
Contractor Soft Costs (15%)				\$21,976.50	percentage of sub total and contingency
Design and Engineering Fees (15%)				\$21,976.50	percentage of sub total and contingency
Grand Total:				\$190,463.00	

2 Ackfeld Park - Basketball Court

Item	Quantity	Unit	Unit Cost	Subtotal	Notes
Demolition, Site Preperaton and Earthwork	1	al	\$10,000.00	\$10,000.00	
Site Utilities and Drainage / MSD	1	al	\$30,000.00	\$30,000.00	
Post Tensioned Concrete Basketball Court with Baskets, and Surfacing	1	al	\$125,000.00	\$125,000.00	one fullsize court
Basketball Court Lighting	1	al	\$85,000.00	\$85,000.00	
Concrete Walks and Paving at Shade Seating	700	sf	\$9.00	\$6,300.00	
Shade Structure Two-Post Hip Shade Sail (22'x14')	1	ea	\$25,000.00	\$25,000.00	
Tables at Shade Structures	1	ea	\$500.00	\$500.00	
Site Restoration / Sod	500	sy	\$9.00	\$4,500.00	
Sub total:				\$286,300.00	
Project Contingency (30%)				\$85,890.00	
Contractor Soft Costs (15%)				\$55,828.50	
Design and Engineering Fees (15%)				\$55,828.50	
Grand Total:				\$483,847.00	

3 Ackfeld Park - Pickleball Courts

Item	Quantity	Unit	Unit Cost	Subtotal	Notes
Demolition, Site Preperaton and Earthwork	1	al	\$2,500.00	\$2,500.00	includes removal of existing courts and general site grading
Site Utilities and Drainage / MSD	1	al	\$20,000.00	\$20,000.00	assumes no additional utility services are required to the site, includes modification to existing and MSD
Post Tensioned Concrete Pickleball Courts with Surfacing and Fencing	1	al	\$195,000.00	\$195,000.00	three courts
Pickleball Court Lighting	1	al	\$85,000.00	\$85,000.00	
Concrete Walks and Paving at Shade Seating	1350	sf	\$9.00	\$12,150.00	
Shade Structure Two-Post Hip Shade Sail (22'x14')	1	ea	\$25,000.00	\$25,000.00	
Tables at Shade Structures	2	ea	\$500.00	\$1,000.00	
Additional Parking	1	al	\$25,000.00	\$25,000.00	15 asphalt parking spaces
Site Restoration / Sod	400	sy	\$9.00	\$3,600.00	
Sub total:				\$369,250.00	
Project Contingency (30%)				\$110,775.00	percentage of sub total
Contractor Soft Costs (15%)				\$72,003.75	percentage of sub total and contingency
Design and Engineering Fees (15%)				\$72,003.75	percentage of sub total and contingency
Grand Total:				\$624,032.50	

4 Ackfeld Park - Sand Volleyball Courts

Item	Quantity	Unit	Unit Cost	Subtotal	Notes
Demolition, Site Preperaton and Earthwork	1	al	\$2,500.00	\$2,500.00	includes removal of existing courts and general site grading
Site Utilities and Drainage / MSD	1	al	\$20,000.00	\$20,000.00	assumes no additional utility services are required to the site, includes modification to existing and MSD
Sand Volleyball Courts with Fencing (two courts)	1	al	\$60,000.00	\$60,000.00	
Sand Volleyball Court Lighting	1	al	\$85,000.00	\$85,000.00	
Concrete Walks and Paving at Shade Seating	1350	sf	\$9.00	\$12,150.00	
Shade Structure Two-Post Hip Shade Sail (22'x14')	1	ea	\$25,000.00	\$25,000.00	
Tables at Shade Structures	2	ea	\$500.00	\$1,000.00	
Additional Parking	1	al	\$25,000.00	\$25,000.00	15 asphalt parking spaces
Site Restoration / Sod	400	sy	\$9.00	\$3,600.00	
Sub total:				\$234,250.00	
Project Contingency (30%)				\$70,275.00	percentage of sub total
Contractor Soft Costs (15%)				\$45,678.75	percentage of sub total and contingency
Design and Engineering Fees (15%)				\$45,678.75	percentage of sub total and contingency
Grand Total:				\$395,882.50	