



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 Wehner Park Base Improvements

Item	Quantity	Unit	Unit Cost	Subtotal	Notes
Demolition, Site Preparation and Earthwork	1	al	\$10,000.00	\$10,000.00	includes removal of existing courts, adjustment of electrical service, and general site grading
Site Utilities and Drainage / MSD	1	al	\$50,000.00	\$50,000.00	assumes no additional utility services are required, includes modification to existing and MSD
Post Tensioned Concrete Tennis Courts with Surfacing and Fencing (two courts)	1	al	\$225,000.00	\$225,000.00	includes the court construction with surfacing and perimeter fencing
Tennis Court Lighting	1	al	\$100,000.00	\$100,000.00	anticipates three poles per side of courts and three down center of courts
Post Tensioned Concrete Pickleball Courts with Surfacing and Fencing (three courts)	1	al	\$195,000.00	\$195,000.00	
Pickleball Court Lighting (include Bocce/Yard Game area)	1	al	\$85,000.00	\$85,000.00	
Bocce / Yard Game Court with Surfacing	1	al	\$35,000.00	\$35,000.00	standard size play area 90'x14' with concrete curbing and crushed stone
Concrete Walks and Paving at Shade Seating	3500	sf	\$9.00	\$31,500.00	
Shade Structure Two-Post Hip Shade Sail (22'x14')	3	ea	\$25,000.00	\$75,000.00	
Tables at Shade Structures	6	ea	\$500.00	\$3,000.00	
Hillside Stairs and Walk Connection to Courts	1	al	\$85,000.00	\$85,000.00	
Additional Parking	1	al	\$30,000.00	\$30,000.00	
Site Restoration / Sod	770	sy	\$9.00	\$6,930.00	
Sub total:				\$931,430.00	
Project Contingency (30%)				\$279,429.00	percentage of sub total
Contractor Soft Costs (15%)				\$181,628.85	percentage of sub total and contingency
Design and Engineering Fees (15%)				\$181,628.85	percentage of sub total and contingency
Grand Total:				\$1,574,116.70	

2 **Wehner Park Full Improvements (add Basketball and Stairs)**

Item	Quantity	Unit	Unit Cost	Subtotal	Notes
Demolition, Site Preparation and Earthwork	1	al	\$5,000.00	\$5,000.00	
Site Utilities and Drainage / MSD	1	al	\$30,000.00	\$30,000.00	
Post Tensioned Concrete Basketball Court with Baskets, Surfacing and Fencing	1	al	\$120,000.00	\$120,000.00	one full court with fencing at each end only
Basketball Court Lighting	1	al	\$85,000.00	\$85,000.00	
Concrete Walks and Paving at Shade Seating	1120	sf	\$9.00	\$10,080.00	on north side at mid-court
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	
Hillside Stairs and Walk Connection to Courts	1	al	\$85,000.00	\$85,000.00	
Site Restoration / Sod	500	sy	\$9.00	\$4,500.00	
			Sub total:	\$365,580.00	
			Project Contingency (30%)	\$109,674.00	percentage of sub total
			Contractor Soft Costs (15%)	\$95,050.80	percentage of sub total and contingency
			Design and Engineering Fees (15%)	\$71,288.10	percentage of sub total and contingency
			Grand Total:	\$641,592.90	

KEY al. - allowance Ht. - height sy. - square yard
 ea. - each lf. - linear foot sf. - square foot
 lf. - linear foot