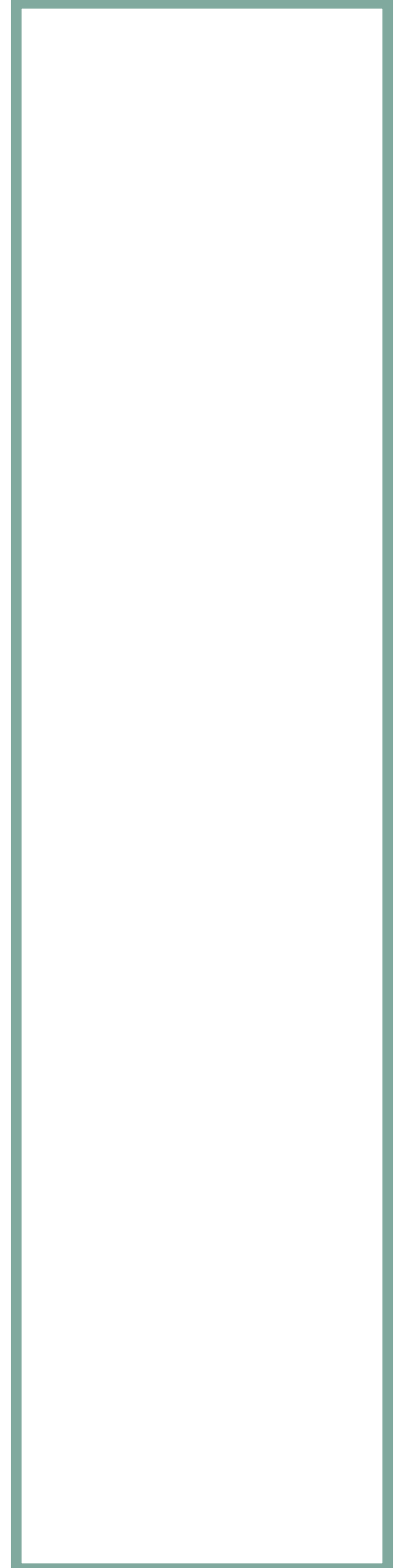




Appendix C

Park Improvement Opinion of Probable Costs Spreadsheet



Platte County, Missouri
Park Improvement Costs

Element	Cost	Unit	Description
Trails			
Shared Use			
4" Concrete	\$354,750	Mile	Includes subgrade compaction and 10' trail only, no signage, grading, drainage, bridges, etc.
4" Asphalt	\$166,000	Mile	Includes subgrade compaction and 10' trail only, no signage, grading, drainage, bridges, etc.
4" Ag Lime	\$27,300	Mile	Includes subgrade compaction and 10' trail only, no signage, grading, drainage, bridges, etc.
2" Chip Seal	\$16,500	Mile	Includes subgrade compaction and 10' trail only, no signage, grading, drainage, bridges, etc.
4" Paved Shoulder	\$82,000	Mile	5' shoulder on gravel (one side)
Bike Lane	\$4,500	Mile	Includes 4" painted line, bicycle lane signs and symbols every 1/4 mile.
Bike Route	\$1,500	Mile	Includes bike route signs every 1/4 mile.
Boardwalk	\$450	Linear Feet	Includes footings, 10' wide boardwalk and handrails. Constructed with pressure treated lumber
Mountain Bike	\$3-\$5	Linear Feet	Includes minor grading, clearing and erosion control measures for single track trail (10"-12")
Equestrian	\$5-\$7	Linear Feet	Includes minor grading, clearing and erosion control measures for 2'-3' wide trail

Facilities			
Indoor Sports Center	\$250	Square Feet	Includes 4 gymnasiums, 1 full size soccer field, one boarded soccer field, restroom/locker rooms, concession area, administrative offices, meeting room, storage. Building would consist of conventional masonry construction.
Outdoor Aquatic Center	\$550 - \$600	Square Feet of Surface Water	This includes, construction costs, design fees, material testing, surveying, parking and some site work. The lower unit cost is for small pools in small communities, while the greater unit cost is for larger pools in larger communities and includes more features. This assumes only minor subgrade improvements for the pool and that utilities are available on the perimeter of the site
Indoor Aquatic Center	\$1,440 - \$1,680 (please see description)	Square Feet of Surface Water	It is important to remember that the structure enclosing the pool is typically four times the area of the pool itself which makes the unit price drastically higher. This includes, construction costs, design fees, material testing, surveying, and some site work. The lower unit cost is for small pools in small communities, while the greater unit cost is for larger pools in larger communities and includes more features. This assumes only minor subgrade improvements for the pool and that utilities are available on the perimeter of the site

Platte County, Missouri
Park Improvement Costs

Element	Cost	Unit	Description
Outdoor Competition Pool	\$550 - \$600	Square Feet of Surface Water	This includes, construction costs, design fees, material testing, surveying, parking and some site work. The lower unit cost is for small pools in small communities, while the greater unit cost is for larger pools in larger communities and includes more features. This assumes only minor subgrade improvements for the pool and that utilities are available on the perimeter of the site. This cost does not include: multiple bulkheads, moveable floors, diving towers, elaborate timing devices or large seating accomodations.
Indoor Competition Pool	\$2,300 - \$2,600 (please see description)	Square Feet of Surface Water	It is important to remember that the structure enclosing the pool is typically four times the area of the pool itself which makes the unit price drastically higher. This includes, construction costs, design fees, material testing, surveying, and some site work. The lower unit cost is for small pools in small communities, while the greater unit cost is for larger pools in larger communities and includes more features. This assumes only minor subgrade improvements for the pool and that utilities are available on the perimeter of the site. This cost does not include: multiple bulkheads, moveable floors, diving towers, elaborate timing devices or large seating accomodations.
Sprayground	\$180 - \$360	Square Feet	Spraygrounds vary greatly, depending on the size, surface, features, and whether the water is filtered or single pass. This cost reflects the square footage of wet area.
Ice Rink	\$185	Square Feet	Includes ice for one rink, spectator area, restrooms, administrative area.
Amphitheater Structure	\$85,000 - \$500,000	Each	This is a low to middle range. It includes the concrete foundation and the architectural structure only. It does not include earthwork, utilities, lighting, sound system, etc.
Dog Park	\$15,000 - \$80,000	Each	This ranges from a one acre fenced park with little improvement to a 15 acre fenced site with water features, trails, covered seating areas, agility courses, parking lot, dog washing stations and signage
Playground	\$20,000 - \$150,000	Each	Includes modular play equipment with accessible surfacing and under drain system.
Soccer/Football Fields			
65 x 110 yards	\$167,000	Each	High school dimensions - Includes irrigation, lighting, sod, bleachers with shade and goals.

Platte County, Missouri
Park Improvement Costs

Element	Cost	Unit	Description
Baseball Fields			
300'	\$350,000	Each	Includes fencing, dugouts, lights, sod, bleachers and scoreboard.
250'	\$265,000	Each	Includes fencing, dugouts, lights, sod, bleachers and scoreboard.
Girl's Softball (200')			
200'	\$192,000	Each	Includes fencing, dugouts, lights, sod, bleachers and scoreboard.
Tennis Courts			
Asphalt	\$112,000	Each	Includes asphalt court with surface color system, striping, fencing, lighting and covered bleachers.
Post Tension Concrete	\$159,000	Each	Includes post tension concrete court with surface color system, striping, fencing, lighting and covered bleachers.
Restroom/Concession Bldg.	\$325,000	Each	A single story building approximately 55'x30' of masonry construction with 6 women's fixtures and 4 men's, separate restroom for employees, 2 storage rooms, concession space for griddle, fryers, exhaust hood, refrigerator, freezer and three compartment sink. AC but no heating.