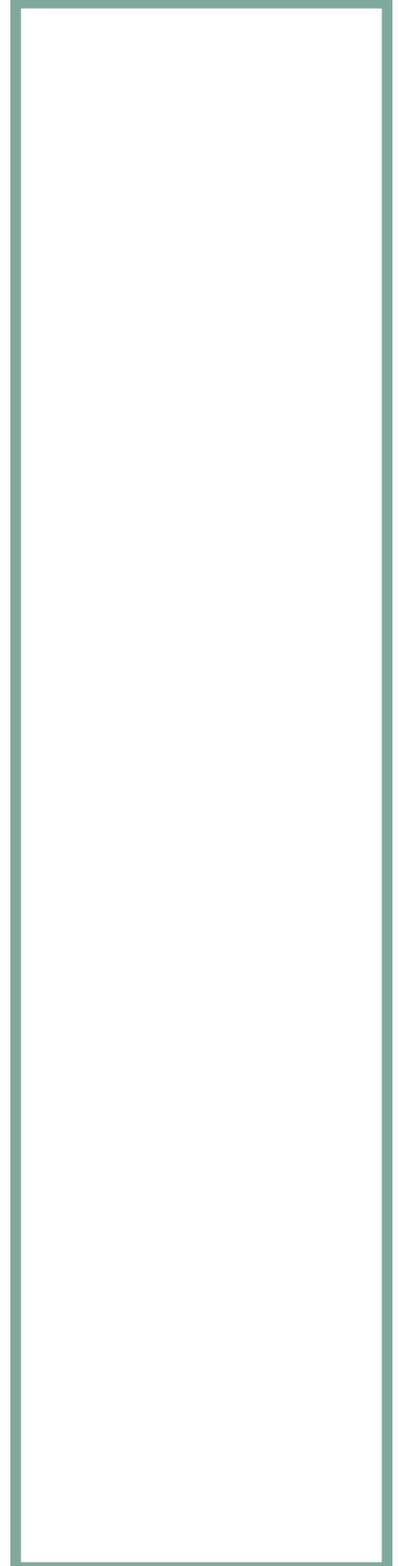




Appendix C

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. |