

SECTION 6 PARK IMPROVEMENTS AND COSTS

Recommended Park Site Improvements

Based upon the preceding information, the following park land improvements are recommended for implementation. Cost estimates for improvements are provided, with detailed cost estimates for each park included in Appendix A.

ACKERMAN PARK

Grading/Drainage/Utilities

- Turf grass areas, especially around playground and building should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve turf conditions

PARK IMPROVEMENTS AND COSTS

Paving/Circulation

- The existing concrete paving in front of the restroom building should be removed and replaced with new concrete

Tennis Courts

- Install sign-in boards for tennis courts
- Remove and install new vinyl coated chain link fencing around tennis courts
- Reconstruct tennis courts with new pavement and new color surface treatment
- Remove existing fencing and replace with vinyl coated chain link fencing
- Install new posts and nets
- Install two new player benches
- Consider the addition of new lighting fixtures for tennis courts with automated system

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape plantings
- Five old existing benches should be replaced with five new benches to match recently install benches
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles

Landscape

- New street trees should be added along Central Avenue
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed
- Additional shrub plantings should be added to recently installed shrub planting beds

ESTIMATED COSTS – ACKERMAN PARK

Miscellaneous	\$	6,000
Grading/Drainage/ Utilities	\$	28,800
Pavements	\$	13,600
Tennis Courts	\$	147,300
Tennis Court Lights	\$	44,200
Site Furnishings	\$	17,300
<u>Landscape</u>	\$	<u>15,200</u>
TOTAL COSTS	\$	272,400

ALEXANDER PARK

General

- Consider expansion of the park space to include the property to the west of the park

Electrical/Lighting

- New pedestrian level lighting should be added along the walkway that bisects the Park – one existing light fixture should be removed and five new pedestrian lights added

Paving/Circulation

- The existing concrete paving in the seating/picnic area should be replaced with new surfacing pavement
- The existing asphalt path should be reconstructed with new asphalt paving

Playground

- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards and ADA accessibility requirements.
- Existing playground tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards and ADA accessibility requirements.

Fencing

- The existing chain link fencing adjacent to the playground should be removed and re-

placed with new 6' vinyl coated chain link fencing along the north and west boundaries.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing park benches should be removed and replaced with six new park benches.
- Existing trash receptacles should be replaced with four new trash receptacles.
- The existing table-seats should be replaced with three new table-seats.
- The existing picnic tables should be replaced with two new picnic tables.
- The existing drinking fountain should be replaced with an ADA compliant drinking fountain.
- The plaque on the dedication stone should be replaced.

Landscape

- New tree plantings should be provided throughout the park to replace old trees and those removed.
- New shrub plantings should be added to existing shrub planting beds

ESTIMATED COSTS – ALEXANDER PARK

Miscellaneous	\$	6,000
Electrical	\$	41,000
Pavements	\$	33,300
Playground	\$	214,500
Fencing	\$	21,100
Site Furnishings	\$	49,400
<u>Landscape</u>	<u>\$</u>	<u>13,800</u>
TOTAL COSTS	\$	379,500

BAKER PARK

Grading, Drainage and Utilities

- Surface drainage system needs to be provided to improve drainage around building area and open field area.
- The existing drainage structure in the middle of the park needs to be reset and elevation adjusted.

Paving/Circulation

- The existing concrete paving around the building and the entrance area from the alley should be replaced with new concrete paving.
- The existing limestone path along the east boundary should be reconstructed as an asphalt path.
- Path from alley should be reconstructed.

Athletic Field

- New backstop (vinyl coated chain link) should be provided for ballfield with new player benches and field fencing.

Basketball Court

- The basketball courts should be relocated to provide better pedestrian circulation on the west side, and reconstructed, under-drained, and color coated.
- Two new player benches with pads should be provided
- New basketball backboards/poles should be installed

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA accessibility requirements.
- Existing playground equipment for 6 – 12 age children should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA accessibility requirements.

PARK IMPROVEMENTS AND COSTS

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing benches throughout the park should be replaced with seven new benches.
- Existing trash receptacles should be replaced throughout the park with six new trash receptacles.
- A new drinking fountain (ADA compliant) should be provided on the restroom building.
- A new bike rack should be installed.

Fencing

- The existing fencing along the east boundary should be replaced with vinyl coated chain link fencing and landscape plantings to provide screening from residential buildings.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- New street trees should be added along Forest and Keeney Streets.
- Additional shrub plantings should be added to existing shrub plantings.

ESTIMATED COSTS – BAKER PARK

Miscellaneous	\$	7,000
Grading/Drainage/ Utilities	\$	50,100
Pavements	\$	19,300
Athletic Fields	\$	26,800
Basketball Court	\$	34,600
Playground	\$	214,500
Site Furnishings	\$	37,000
Fencing	\$	16,100
<u>Landscape</u>	\$	<u>25,000</u>
TOTAL COSTS	\$	430,400

BECK PARK

Grading/Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve turf conditions

Electrical/Lighting

- Provide new lighting along pathway system

Paving/Circulation

- Existing concrete sidewalk at northeast corner of the park should be replaced with new concrete walk
- Remove existing asphalt walk pavement and install new asphalt pathway throughout park.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards
- Existing brick paving access to playgrounds should be improved (reset or replaced) to provide accessibility
- New benches should be provided in playground area.

Fencing

- Existing chain link fencing along west boundary should be replaced with new vinyl coated chain link fencing

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Existing benches should be replaced with two new benches

PARK IMPROVEMENTS AND COSTS

- Existing trash receptacles should be replaced throughout the park with three new trash receptacles
- A new bike rack should be installed.
- New cooking grills (6) should be provided
- Existing picnic table should be replaced with six new picnic tables
- A new ADA compliant drinking fountain should be added to the park
- Provide new accessible deck overlook
- Provide a new gazebo

Landscape

- New street trees should be added along Emerson Street, Leland and McDaniel
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed
- Landscape treatment should be provided around existing concrete tunnel access structure

ESTIMATED COSTS – BECK PARK

Miscellaneous	\$	9,000
Grading/Drainage/ Utilities	\$	54,600
Electrical/Lighting	\$	90,400
Pavements	\$	44,200
Playground	\$	252,100
Site Furnishings	\$	135,300
Fencing	\$	39,600
<u>Landscape</u>	<u>\$</u>	<u>25,700</u>
TOTAL COSTS	\$	650,900

BENT PARK

Grading Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve turf conditions

Electrical/Lighting

- Lighting around the building and playground should be replaced with new fixtures

Paving/Circulation

- The service access drive to the restroom building should be re-paved
- A new paved walkway should be considered in the north end of the park
- A paved seating area should be provided in the area of the flagpole

Tennis Courts

- The tennis courts should be resurfaced with color coat
- The tennis court fencing should be replaced with vinyl coated chain link fencing
- Install sign-in boards for tennis courts
- Consider new lighting for tennis courts with automated system
- Install new posts and nets
- Provide accessible entrance to tennis courts.

Basketball Court

- The basketball court should be resurfaced with color coat
- Two new player benches for basketball court
- Provide accessible entrance to basketball court.
- Remove existing backboards and install new backboards.

Athletic Fields

- Two new player benches for softball field
- Regrade soccer field and install new automated irrigation system.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Five old existing benches should be replaced with nine new benches to match recently install benches
- Existing trash receptacles should be replaced throughout the park with five new trash receptacles
- A new ADA compliant drinking fountain (on building) should installed

PARK IMPROVEMENTS AND COSTS

- Two of the old picnic tables should be replaced with new picnic tables to match recently install new tables
- The existing bus shelter should be moved further east and redesigned with a new shelter
- One new bike rack should be installed.

Landscape

- New street trees should be added along Central Avenue
- Additional street trees should be added on Hastings Avenue and Cowper Avenue
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed
- Additional shrubs should be added to recently installed shrub planting beds and along Central Avenue as buffer

ESTIMATED COSTS – BENT PARK

Miscellaneous	\$	8,600
Grading/Drainage/ Utilities	\$	52,300
Electrical/Lighting	\$	25,800
Pavements	\$	20,000
Tennis Courts	\$	69,300
Tennis Court Lights	\$	44,200
Basketball Court	\$	23,400
Soccer Field	\$	47,600
Site Furnishings	\$	49,000
<u>Landscape</u>	\$	<u>28,900</u>
TOTAL COSTS	\$	369,100

BOAT RAMP

General

- City of Evanston needs to conduct a comprehensive condition and improvement study of the Church Street Boat Ramp.

Paving/Circulation

- Dog beach should be ADA accessible by ramp
- The entrance drive should be resurfaced

- Parking lot for boat users should be resurfaced and new curbing installed
- The concrete paving for the boat ramp should be extended

Breakwater

- The existing breakwater should be extended

Site Features/Furniture

- Install new signage on breakwater wall

Fencing

- New gate and fencing should be installed on the breakwater to prevent access

ESTIMATED COSTS – BOAT RAMP

Miscellaneous	\$	9,000
Pavements	\$	218,000
Breakwater	\$	194,900
Site Furnishings	\$	5,200
<u>Fencing</u>	\$	<u>24,700</u>
TOTAL COSTS	\$	451,800

BRUMMEL-RICHMOND TOTLOT

Paving/Circulation

- Portions of the exterior sidewalks should be replaced

Fencing

- Replace the chain link fencing along the north property boundary with vinyl coated chain link fencing.

Site Features/Furniture

- Add new park sign and related landscape plantings.
- Existing benches should be replaced with four new benches
- Existing trash receptacle should be replaced with two new trash receptacle

Landscape

- New street trees should be added along Brummel Street

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – BRUMMEL-RICHMOND TOTLOT

Miscellaneous	\$	5,000
Pavements	\$	3,300
Site Furnishings	\$	13,900
Fencing	\$	2,900
<u>Landscape</u>	<u>\$</u>	<u>700</u>
TOTAL COSTS	\$	25,800

BURNHAM SHORES PARK

Grading/Drainage and Utilities

- Surface drainage system needs to be provided to improve drainage around building area and open field areas.

Electrical/Lighting

- Provide eleven new lighting fixtures (tall-madge) along pathway system.

Paving/Circulation

- Existing limestone screening paths should be improved with new screenings and new edging.
- Existing cinder paths should be improved with new cinders and new edging.

Volleyball Court

- The existing volleyball court should be removed and the area filled and graded

Tennis Courts

- The existing tennis courts should be reconstructed with new base, asphalt surfacing, and color coating system.
- Tennis court fencing should be replaced with vinyl coated chain link fencing.
- Install sign-in boards for tennis courts.
- Consider new lighting for tennis courts with automated system
- Install new posts and nets

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing

meeting ASTM safety standards and ADA accessibility requirements.

- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA accessibility requirements.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing benches throughout the park should be replaced with twelve new benches.
- Existing trash receptacles should be replaced throughout the park with eleven new trash receptacles.
- Provide eight new picnic tables (including ADA compliant) and surfacing around tables.
- Provide two new bicycle racks.
- Replace existing drinking fountain with new ADA compliant fountain.
- Provide two charcoal receptacles for hot coals.
- Provide three new cooking grills.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – BURNHAM SHORES PARK

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	45,100
Electrical/Lighting	\$	76,800
Pavements	\$	86,200
Volleyball Court	\$	8,100
Tennis Courts	\$	133,200
Tennis Court Lights	\$	44,200
Playground	\$	238,400
Site Furnishings	\$	91,800
<u>Landscape</u>	<u>\$</u>	<u>29,300</u>
TOTAL COSTS	\$	762,300

PARK IMPROVEMENTS AND COSTS

BUTLER PARK

Grading Drainage and Utilities

- Surface drainage system needs to be provided to improve drainage of open field areas.

Electrical/Lighting

- Provide twenty-eight new lighting fixtures along pathway system

Paving/Circulation

- Reconstruct asphalt pathway throughout park.

Recreational Facilities

- Remove two existing softball backstops and replace one with new backstop
- Consider installing fitness stations throughout park

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards

Site Features/Furniture

- The existing sign should be replaced with two new system signs and related landscape planting (One @ Emerson, one @ Foster)
- Existing benches should be replaced with twelve benches
- Existing trash receptacles should be replaced throughout the park with five new trash receptacles.
- Two new bike racks should be installed.
- Four new picnic tables should be added to the park
- A new ADA compliant drinking fountain should be added to the park
- Provide a new deck overlook.

- Provide a new gazebo.

Fencing

- Existing chain link fencing along west boundary should be replaced with new vinyl coated chain link fencing
- Existing telephone pole guard rail should be replaced with new barrier

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed
- New street trees should be added along Emerson Street

ESTIMATED COSTS – BUTLER PARK

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	45,800
Electrical/Lighting	\$	185,900
Pavements	\$	86,600
Playground	\$	249,000
Site Furnishings	\$	191,600
Fencing	\$	99,800
Landscape	\$	38,900
TOTAL COSTS	\$	906,800

CARWRIGHT PARK

Grading Drainage and Utilities

- A subsurface drainage system should be installed beneath the resilient surfacing for the play sculpture to improve drainage
- Regrade and provide surface drainage system to improve drainage of open field areas.

Electrical/Lighting

- Install five new pedestrian lights and integrate pathway park lighting with play area.

PARK IMPROVEMENTS AND COSTS

Paving/Circulation

- New concrete sidewalk should be installed along Grant Street.
- Resurface asphalt pathways.
- An interior pathway system (either limestone or asphalt paving) should be provided to link playground, existing paths, tennis and basketball courts and other facilities, as well as providing a pedestrian circuit within park.

Tennis Courts

- The tennis court should be resurfaced with asphalt and a new color coating system applied.
- The tennis court fencing should be replaced with vinyl coated chain link fencing.
- Consider new lighting for tennis courts.
- Provide four new benches for tennis courts
- Provide new tennis court signs for information/sign-in.

Basketball Court

- The basketball court should be resurfaced with asphalt and a new color coating system applied.
- Provide two new player benches for basketball court.
- Provide new backboard standards for basketball court.
- Provide new fencing between tennis and basketball courts.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Ten old existing benches should be replaced with five new benches to match recently install benches.
- Four new picnic tables should be provided.
- Provide new bike rack.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- The resilient surfacing surrounding the play sculpture should be replaced and enlarged to provide adequate safety zones.
- Make entrance to play area accessible.

Fencing

- The wood rail fencing along Prospect Avenue should either be removed and replaced with vinyl coated chain link fencing or be moved back from the curb to provide an adequate safety zone.

Landscape

- Additional street trees should be planted along Grant Street and Prospect Avenue
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – CARTWRIGHT PARK

Miscellaneous	\$	7,000
Grading/Drainage/ Utilities	\$	36,000
Electrical/Lighting	\$	43,000
Pavements	\$	41,200
Tennis Courts	\$	76,700
Tennis Court Lights	\$	44,200
Basketball Court	\$	26,700
Playground	\$	225,100
Site Furnishings	\$	28,600
Fencing	\$	12,900
<u>Landscape</u>	<u>\$</u>	<u>21,400</u>
TOTAL COSTS	\$	562,800

PARK IMPROVEMENTS AND COSTS

CENTENNIAL PARK – CLARK STREET BEACH

Electrical/Lighting

- The existing light fixtures/poles should be replaced with sixteen new (tallmadge) light fixtures.

Paving/Circulation

- The cinder path should be reconstructed with new edging.
- The limestone path should be reconstructed with new edging.
- The entrance to Clark Street Beach should be redesigned for better control and security, and combined with a new restroom/concession/storage building.
- The existing asphalt path removed and reconstructed.
- Add boardwalk to beach for handicap accessibility.

Site Features/Furniture

- The existing two signs should be replaced with two new system identification sign and related landscape planting.
- Existing park benches should be removed and replaced with eight new park benches.
- Existing trash receptacles should be replaced with thirteen new trash receptacles.
- New bicycle parking area (with at least two bicycle racks) should be designed in conjunction with beach entrance area
- Provide eighteen new picnic tables (including ADA compliant) and surfacing around tables.
- A new drinking fountain (ADA compliant) should be provided at the new restroom building.
- New exercise fitness stations should be provided.
- Six new cooking grills should be provided.
- Three new charcoal receptacles for hot coals should be provided.
- Add signage to all breakwater walls warning of danger.

Fencing

- The existing snow fencing defining the beach should be removed and replaced with a new fencing system that can be removed during off-season periods.
- Remove and replace with vinyl coated chain link fencing along breakwater pier for safety and security.

Landscape

- New tree plantings should be provided throughout the park to replace old trees and those removed.
- Additional landscape plantings should be provided along the parking lot and pedestrian/bike path as a buffer/screen.

ESTIMATED COSTS – CENTENNIAL PARK – CLARK STREET BEACH

Miscellaneous	\$	9,200
Electrical/Lighting	\$	105,800
Pavements	\$	146,000
Site Furnishings	\$	113,600
Fencing	\$	63,700
<u>Landscape</u>	<u>\$</u>	<u>40,000</u>
TOTAL COSTS	\$	478,300

CHANDLER PARK

Grading Drainage and Utilities

- Re-grade and provide surface drainage system to improve drainage of open field areas and around the building.
- Drainage structures on the west side of building (service area) need to be installed to improved drainage and prevent flooding of building.

Electrical/Lighting

- New lighting should be provided for the pedestrian path and around the building.
- Replace light fixtures in the parking lot.

PARK IMPROVEMENTS AND COSTS

Paving/Circulation

- The parking lot, drop-off and drive north of the building should be redesigned and re-paved.
- The bike parking area on the west side of building should be modified and enlarged
- Concrete walk paving should be modified and replaced in areas to better accommodate volume of pedestrian traffic
- Reconstruct paving to Peter Jans building.

Basketball Court

- Consider adding a new ½ court basketball court or a full court in the southeast corner of the property.
- Resurface ½ court basketball court with new asphalt surfacing and color coating system.

Site Features/Furniture

- The existing sign should be replaced with a two new system signs and related landscape planting (One at both entrances)
- Three old existing benches should be replaced with seven new benches to match recently install benches
- Add new benches at entrance to building
- Existing trash receptacles should be replaced throughout the park with eight new trash receptacles
- Six of the old picnic tables should be replaced with new picnic tables
- Four new bike racks should be provided.

Fencing

- The existing chain link fencing surrounding the playground should be replaced with vinyl coated chain link fencing.
- Replace fencing along CTA tracks with new vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – CHANDLER PARK

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	44,400
Electrical/Lighting	\$	96,700
Pavements	\$	226,000
Basketball Court	\$	24,400
Site Furnishings	\$	45,200
Fencing	\$	57,500
Landscape	\$	36,500
TOTAL COSTS	\$	539,000

CLARK SQUARE PARK

Electrical/Lighting

- The existing two light fixtures should be removed and replaced with ten new tall-madge light fixtures.

Paving/Circulation

- Existing limestone screening paths should be reconstructed with new limestone and edging.
- Replace existing asphalt paths on north, south, and central areas of park with new asphalt paving and extend to the lake edge.

Recreational Facilities

- Remove the existing sand box on the north side of park.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing benches throughout the park should be replaced with eight new benches.
- Existing trash receptacles should be replaced throughout the park with six new trash receptacles.
- Existing picnic tables should be replaced with four new picnic tables (including ADA compliant tables).
- A new drinking fountain (ADA compliant) should be added to the Park.

PARK IMPROVEMENTS AND COSTS

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – CLARK SQUARE PARK

Miscellaneous	\$	7,000
Electrical/Lighting	\$	76,000
Pavements	\$	52,200
Site Furnishings	\$	59,000
<u>Landscape</u>	<u>\$</u>	<u>24,700</u>
TOTAL COSTS	\$	218,900

CLYDE-BRUMMEL PARK

General

- Consider enlarging park into dead end section of Brummel and existing parking lot. At a minimum, remove parking and dead end section of Brummel and restore as passive park space.
- Add retaining wall along the bottom of mural wall (check with CTA)

Grading Drainage and Utilities

- Regrade and provide surface drainage system to improve drainage of paved and turf areas

Lighting/Electrical

- Provide additional site lighting (security lighting).

Paving/Circulation

- Existing paving in the bleacher area should be replaced
- Remove and replace all interior pathways
- Pave existing picnic area with limestone screenings

Basketball Court

- Color coat basketball court
- Replace existing basketball court bleacher with new bleacher

- Add new player benches
- Install new basketball backboard standards.
- Add padding around the goal posts
- Look into padding walls for safety

Playground

- Provide new tot playground edging and surfacing, repair existing playground equipment and replace as needed.
- Provide new 6-12 age playground edging and surfacing, repair existing playground equipment and replace as needed.
- Consider redesigning layout of playground and expanding

Fencing

- Add fencing on the south edge of the basketball court

Site Features/Furniture

- Add new park sign and related landscape plantings.
- Existing benches should be replaced with four new benches
- Existing trash receptacles should be replaced with three new trash receptacles (Consider permanent model)
- Existing picnic tables should be replaced with five new picnic tables
- Existing bike racks should be replaced with three new bike racks
- Consider removing bermed area and retaining wall

Landscape

- Grass turf areas need to be improved with grading and drainage structures
- Additional trees and landscape should be provided in the park

ESTIMATED COSTS – CLYDE BRUMMEL PARK

Miscellaneous	\$	6,000
Grading/Drainage/ Utilities	\$	29,400
Electrical/Lighting	\$	58,600

PARK IMPROVEMENTS AND COSTS

Pavements	\$	19,000
Basketball Court	\$	30,500
Playground	\$	211,000
Site Furnishings	\$	27,600
Fencing	\$	3,000
<u>Landscape</u>	<u>\$</u>	<u>21,100</u>
TOTAL COSTS	\$	406,300

CONGREGATION PARK

Paving/Circulation

- Accessible walkway should be provided to park.
- New concrete sidewalk should be provided along Grove Street.

Landscape

- Add and replace shrubs and perennials plantings
- The utility control box on the west boundary should be screened with plantings.

ESTIMATED COSTS – CONGREGATION PARK

Pavements	\$	2,800
<u>Landscape</u>	<u>\$</u>	<u>6,000</u>
TOTAL COSTS	\$	8,800

Robert CROWN PARK

Grading Drainage and Utilities

- Consider automated irrigation system for all athletic fields to improve condition of turf
- Athletic field areas should be re-graded to improve surface drainage and turf conditions and storm sewer drainage structures should be installed.

Lighting/Electrical

- Install new lights in parking lot.

Paving/Circulation

- Portions of exterior concrete sidewalks need replacement.
- Parking lot, entrance drive, and service drive, need to be resurfaced and curbing replaced.
- Asphalt walk in southeast corner needs to be removed and replaced with new asphalt paving.
- Reconstruct maintenance drive at northeast backstop and provide accessible path.

Tennis Courts

- The tennis courts should be reconstructed by removing existing pavement and base and rebuilding with new base, asphalt surface, and color coating system.
- The tennis court fencing should be replaced with vinyl coated chain link fencing.
- Remove and replace lighting.
- Provide four new benches for tennis courts
- Provide new tennis court signs for information/sign-in.
- Provide new tennis court nets/posts.
- Reconstruct new entrance and seating area for tennis courts.

Recreational and Athletic Facilities

- Construct a new permanent, fenced, concrete skateboard park with lighting.
- Replace backstops, dugout areas, bleacher pads and field fencing at both softball fields.
- Replace backstop in NE corner
- Resurface in-line skating area.
- Remove and replace fencing around the in-line skating area.
- Remove basketball posts in roller hockey rink
- Provide roller hockey rink lighting
- Consider developing area NE of Crown Center into a soccer field, more extensive skateboard park or overflow parking area.
- Four new goal posts for football fields.

PARK IMPROVEMENTS AND COSTS

Site Features/Furniture

- The existing signs (four) should be replaced with a new system sign and related landscape plantings.
- Crown Center needs a new electronic facility marquee.
- Existing benches throughout the park should be replaced with four benches.
- Existing trash receptacles should be replaced throughout the park with seventeen new trash receptacles.
- Remove and replace three drinking fountains with ADA compliant drinking fountains.

Fencing

- All existing chain link fencing along park boundaries should be replaced with new vinyl-coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – CROWN PARK

Miscellaneous	\$	16,400
Grading/Drainage/ Utilities	\$	244,600
Electrical/Lighting	\$	131,000
Pavements	\$	662,200
Tennis Courts	\$	213,800
Tennis Court Lights	\$	58,800
Recreation/Athletic Facilities	\$	73,700
Site Furnishings	\$	90,700
Fencing	\$	54,000
Landscape	\$	58,000
TOTAL COSTS	\$	1,604,200

CURREY PARK

Grading Drainage and Utilities

- Athletic field area should be re-graded to improve surface drainage and turf conditions and storm sewer drainage structures should be installed.

Paving/Circulation

- Limestone screenings should be provided along the west and north sides of the basketball courts where the turf is severely worn.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Three new trash receptacles should be provided.

Fencing

- The existing chain link fence on the east boundary should be replaced with new vinyl coated chain link fencing.

Landscape

- Additional shrubs should be added to newly planted shrub beds.

ESTIMATED COSTS – CURREY PARK

Miscellaneous	\$	5,000
Grading/Drainage/ Utilities	\$	26,800
Basketball Court	\$	5,700
Site Furnishings	\$	7,100
Fencing	\$	5,500
Landscape	\$	8,800
TOTAL COSTS	\$	58,900

DAWES PARK and GREENWOOD BEACH

Utilities

- A new pump system should be installed for the lagoon.

Electrical/Lighting

- The existing light fixtures/poles should be replaced with 32 new tallmadge light fixtures.
- Install additional electrical service at the lagoon area.

Paving/Circulation

- The cinder path with brick edging needs to be reconstructed with new edging and cinder surfacing.
- The limestone path needs to be reconstructed with new edging.
- Brick paving around the lagoon area needs to be reset.
- Reconstruct asphalt pathways.
- A new asphalt path should be provided at Greenwood and Sheridan Roads to provide connection with park path to the east.
- The path and paved entrance southwest of the south restroom should be modified to provide more convenient and safe access around the restroom.
- Resurface asphalt lagoon bottom.
- New entrance to the beach should be developed with paving and fencing.
- Parking area should be redesigned and paved – the limestone path, asphalt path, driveway entrance, and parking lot entrance should be reconfigured to improve safety and reduce conflicts.
- Beach should be made ADA accessible with boardwalk.

Site Features/Furniture

- The existing sign should be replaced with two new system identification sign and related landscape plantings.

- Existing park benches should be removed and replaced with at least fifteen park benches.
- Existing trash receptacles should be replaced with twenty-two new trash receptacles.
- Sixteen new picnic tables should be provided (including ADA accessible), and picnic areas should be ADA accessible.
- New drinking fountain (ADA compliant) should be provided on the new restroom building.
- New park benches should be installed around the lagoon.
- Four new bike racks should be provided.
- Seven new cooking grills should be provided.
- Add signage to breakwater to call out danger.

Fencing

- The existing snow fencing defining the beach should be removed and replaced with a new fencing system that can be removed during off-season periods.
- Install gate and fencing on breakwater for safety and security.

Ice Rink

- Re-grade open area to provide for flooding for winter ice-skating.
- Install surface drainage structures to provide proper drainage for the ice skating area.
- Acquire and install portable mechanical system for maintaining ice.
- Install floodlights for night use of ice skating facility.

Landscape

- New tree plantings should be provided throughout the park to replace old trees and those removed.
- Provide landscape planting buffer between parking lot and paths

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – DAWES PARK – GREENWOOD BEACH PARK

Miscellaneous	\$	6,000
Electrical/Lighting	\$	206,500
Pavement	\$	322,000
Site Furnishings	\$	111,000
Fencing	\$	57,200
Ice Rink	\$	427,700
<u>Landscape</u>	\$	<u>46,700</u>
TOTAL COSTS	\$	1,177,100

DEMPSTER BEACH

Electrical/Lighting

- Provide six new lighting fixtures (tallmadge fixtures) along paths and parking lot.

Paving/Circulation

- New entrance to the beach should be developed with paving and fencing.
- Parking area should be redesigned and paved – the limestone path, asphalt path, driveway entrance, and parking lot entrance should be reconfigured to improve safety and reduce conflicts.
- The limestone path and edging should be reconstructed.
- Develop an 8 to 10 foot wide entrance for wind surfers.
- One new bike rack should be provided.
- The sailboat ramp should be lengthened (make ramp ADA compliant).
- The asphalt walk should be resurfaced.

Site Features/Furniture

- New park identification sign should be installed and related landscape plantings.
- Provide four new trash receptacles along path system.
- Two new bike racks should be provided.
- Add signage to all breakwater to call out danger

Fencing

- The existing snow fencing defining the beach should be removed and replaced with a new fencing system that can be removed during off-season periods.
- Install gate and new vinyl coated chain link fencing to breakwater pier for safety and security.

Landscape

- Provide landscape planting buffer between parking lot and paths.
- Use landscaping to improve screening of boat storage area.

ESTIMATED COSTS – DEMPSTER BEACH

Miscellaneous	\$	6,000
Electrical/Lighting	\$	36,400
Pavement	\$	88,700
Site Furnishings	\$	13,700
Fencing	\$	20,200
<u>Landscape</u>	\$	<u>12,400</u>
TOTAL COSTS	\$	185,400

DOBSON-BRUMMEL PARK

Paving/Circulation

- Improve handicap accessibility to park from alley.

Site Features/Furniture

- New park identification sign should be installed and related landscape plantings.
- Existing trash receptacles should be replaced with three new trash receptacles.

Fencing

- Existing chain link fencing around park should be replaced with new vinyl coated chain link fencing.

Landscape

- Additional trees should be installed in the park
- Re-seed turf areas

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – DEMPSTER BEACH

Miscellaneous	\$	6,000
Electrical/Lighting	\$	36,400
Pavement	\$	88,700
Site Furnishings	\$	13,700
Fencing	\$	20,200
<u>Landscape</u>	<u>\$</u>	<u>12,400</u>
TOTAL COSTS	\$	185,400

EGGLESTON PARK

Grading Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions

Electrical/Lighting

- Replace existing pedestrian light fixtures with two new pedestrian light fixtures

Paving/Circulation

- The exterior concrete sidewalks should be replaced
- The existing interior limestone screening walkways should be replaced with new limestone screenings paving

Basketball Court

- Reconstruct ½ court basketball court with new asphalt base and paving, and new color coating system.
- One basketball goal post should be removed

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Existing benches should be replaced with six new benches
- Existing trash receptacles should be replaced throughout the park with two new trash receptacles
- Existing drinking fountain should be replaced with a new ADA compliant drinking fountain

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards

Fencing

- Wood split rain fencing should be added along the park boundaries

Landscape

- The community gardens should be removed and replaced with a plant nursery for park trees
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – EGGLESTON PARK

Miscellaneous	\$	18,000
Grading/Drainage/ Utilities	\$	42,700
Electrical/Lighting	\$	27,600
Pavements	\$	34,000
Basketball Court	\$	13,600
Playground	\$	213,100
Site Furnishings	\$	43,500
Fencing	\$	24,400
Landscape	\$	20,000
<u>Landscape</u>	<u>\$</u>	<u>20,000</u>
TOTAL COSTS	\$	501,900

Charles B. EIDEN PARK

Grading Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

PARK IMPROVEMENTS AND COSTS

Paving/Circulation

- The asphalt paved areas around the drinking fountain and playground need to be replaced with new asphalt paving.
- The main pathway needs to be resurfaced with asphalt paving and extended around playground to form a continuous link.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches throughout the park should be replaced with six new benches.
- Existing trash receptacles should be replaced throughout the park with six new trash receptacles
- Provide two new picnic tables.
- Replace existing drinking fountain with new ADA complaint drinking fountain.

Fencing

- Provide split rail fence on North and South sides of the park.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – EIDEN PARK

Miscellaneous	\$	5,000
Grading/Drainage/ Utilities	\$	22,100
Pavements	\$	22,800
Playground	\$	209,800

Site Furnishings	\$	50,200
Fencing	\$	8,100
Landscape	\$	18,100
TOTAL COSTS	\$	336,100

ELLINGWOOD TOTLOT

Site Features/Furniture

- Provide a new sign system sign and related landscape planting.
- Existing trash receptacles should be replaced with two new trash receptacles.

Fencing

- The existing chain link fencing bordering the park should be replaced with vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Add shrubs along street.
- Redesign and construct north end plantings.

ESTIMATED COSTS – ELLINGWOOD PARK

Site Furnishings	\$	5,200
Fencing	\$	12,900
Landscape	\$	7,200
TOTAL COSTS	\$	25,300

ELLIOTT PARK – LEE STREET BEACH

Electrical/Lighting

- Provide seven new lighting fixtures (tall-madge fixtures) along paths.

Paving/Circulation

- Provide ADA accessibility to picnic areas.
- The existing limestone screening paths should be improved with new screenings and new edging.

PARK IMPROVEMENTS AND COSTS

- Reconstruct cinder paths with limestone screenings.
- Existing asphalt path should be reconstructed.
- New entrance to the beach should be developed with paving and fencing.
- Beach should be made ADA accessible
- Consider adding a drop-off/pickup area along Sheridan Road.

Site Features/Furniture

- The existing sign should be replaced with two new system identification signs and related landscape plantings.
- New drinking fountain (ADA compliant) should be added to the new beach entrance building.
- Existing benches throughout the park should be replaced with twelve new benches.
- Existing trash receptacles should be replaced throughout the park with seventeen new trash receptacles.
- Existing picnic tables should be replaced with twelve new picnic tables (including ADA accessible tables).
- Existing grills should be replaced with three new grills.
- Existing exercise fitness stations should be removed and replaced with new fitness stations.
- Two charcoal receptacles should be added in the designated picnic areas.
- New fitness trail system should be added to the park.
- Add signage to breakwater pier to call out danger.
- Four new bicycle racks should be added to the park.

Fencing

- New vinyl coated chain link fencing needs to be installed on the western end of the breakwater wall for security and safety.
- A gate needs to be installed at the beginning of the breakwater wall.

- The existing snow fencing defining the beach should be removed and replaced with a new fencing system that can be removed during off-season periods

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – ELLIOTT PARK /LEE STREET BEACH

Miscellaneous	\$	11,200
Electrical/Lighting	\$	56,600
Pavements	\$	144,100
Site Furnishings	\$	123,100
Fencing	\$	55,100
<u>Landscape</u>	\$	<u>34,400</u>
TOTAL COSTS	\$	424,500

FIREMAN'S PARK

Paving/Circulation

- Existing asphalt walkway should be replaced with new asphalt surfacing.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground edging should be replaced with new edging material.
- Safety zones and resilient surfacing should be increased and adjustments should be made to make existing fire engine play structure and made ADA compliant.
- Reconstruct sandbox in play area.

Fencing

- Existing chain link fencing along south and west boundaries should be replaced with new vinyl coated chain link fencing.
- Existing split-rail fencing needs replaced with new split-rail fencing.

PARK IMPROVEMENTS AND COSTS

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with four new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.
- Existing picnic table should be replaced with one new picnic table.
- Remove and replace drinking fountain with a new ADA compliant drinking fountain.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Landscape plant screening should be provided along alley on west boundary.

ESTIMATED COSTS – FIREMAN’S PARK

Miscellaneous	\$	2,800
Pavements	\$	6,200
Playground	\$	110,900
Site Furnishings	\$	41,300
Fencing	\$	23,300
<u>Landscape</u>	\$	<u>19,600</u>
TOTAL COSTS	\$	204,100

FITZSIMONS PARK

Tennis Courts

- The tennis court should be reconstructed with new paving and color coating system.
- Replace tennis court fencing fabric as required with vinyl coated fabric, paint existing posts and remove and replace tennis court backboard.
- The tennis court lighting should be replaced with 4 new light fixtures.
- Install sign-in boards for tennis courts.
- Four new player benches should be provided.
- New tennis nets/posts should be installed.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Eight existing old benches should be replaced with four new benches.
- Existing trash receptacles should be replaced throughout the park with six new trash receptacles

Fencing

- The existing fencing along the north boundary should be replaced with new vinyl coated chain link fencing.

Landscape

- Street tree plantings should be added along the west, south and east streets.

ESTIMATED COSTS – FITZSIMONS PARK

Miscellaneous	\$	6,000
Tennis Courts	\$	133,600
Tennis Court Lights	\$	44,200
Site Furnishings	\$	19,900
Fencing	\$	12,900
<u>Landscape</u>	\$	<u>10,500</u>
TOTAL COSTS	\$	227,100

FOSTER FIELD

General

- Fleetwood Jourdain and Foster Park will undergo a master planning process for redevelopment of the exterior grounds including design of the play area, parking lots, lighting, site furnishings, maintenance access and a historic sculpture garden.
- Obtain ownership of portions of the park currently owned by District 65 and Family Focus

Grading Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation

PARK IMPROVEMENTS AND COSTS

of inlets and storm sewer pipe) to improve drainage and turf conditions

Electrical/Lighting

- Provide nine new light fixtures along path-way system
- Add new lighting on NE side of building

Paving/Circulation

- Redesign and relocate southern parking lot
- Redesign drop-off/pick-up area in front of building
- Install new concrete walks

Tennis Courts

- Existing tennis courts should be resurfaced and new color coating system applied
- Remove and replace tennis court fencing with vinyl coated chain link fencing
- Install sign-in boards for tennis courts
- Provide four new player benches
- Install new tennis nets/posts
- Install new tennis court lighting

Basketball Courts

- Existing basketball courts should be reconstructed with base, new asphalt surface, and color coating system

Athletic Fields

- Re-grade baseball field and provide for drainage
- Remove and replace baseball lighting
- Replace southwest backstop, dugout areas, bleacher pads and field fencing.
- Remove northeast backstop

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Two to four new picnic tables should be added to the park.
- Remove and replace existing drinking fountain and add additional drinking fountain on west side of building.

- Install mail shoot in center.
- Install four new trash receptacles.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- Existing chain link fencing along boundaries should be replaced with new vinyl coated chain link fencing.

Sculpture Garden

- Installation of sculpture garden.

Landscape

- Landscape plantings should be provided around the base of the cell towers
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – FOSTER FIELD

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	65,900
Irrigation System	\$	54,600
Electrical/Lighting	\$	63,100
Pavements	\$	89,700
Tennis Courts	\$	86,400
Tennis Court Lights	\$	44,200
Basketball Court	\$	15,600
Recreation/Athletic Facilities	\$	160,900
Playground	\$	211,200
Site Furnishings	\$	43,400
Fencing	\$	11,200
Sculpture Garden	\$	519,800
<u>Landscape</u>	<u>\$</u>	<u>20,300</u>
TOTAL COSTS	\$	1,395,500

PARK IMPROVEMENTS AND COSTS

GARDEN PARK

Electrical/Lighting

- Remove the two existing light fixtures and replace with three new light fixtures (tall-madge).

Paving/Circulation

- Entrance paving needs to be replaced with new paving around drinking fountain.
- Install new limestone surfacing and edging.

Playground

- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA accessibility requirements.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- A new drinking fountain (ADA compliant) should be added to the park.
- Existing benches throughout the park should be replaced with four new benches.
- Existing trash receptacles should be replaced throughout the park with four new trash receptacles.
- Existing picnic tables should be replaced with eight new picnic tables.
- Existing grills should be replaced with two new grills.
- One new charcoal receptacle should be installed.
- Repaint existing wood fencing.
- The existing bollard at the service entrance should be replaced.

Fencing

- Repaint existing wood fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – GARDEN PARK

Miscellaneous	\$	6,000
Electrical/Lighting	\$	34,100
Pavements	\$	17,200
Playground	\$	124,800
Site Furnishings	\$	60,000
Fencing	\$	1,400
<u>Landscape</u>	\$	<u>19,200</u>
TOTAL COSTS	\$	263,700

GILBERT PARK

Paving/Circulation

- Existing asphalt walks should be removed and completely reconstructed.
- Existing limestone walkway should be reconstructed.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with four new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.
- A new ADA compliant drinking fountain should be added to the park.
- Existing table seat should be removed.

Fencing

- Existing chain link fencing along boundaries should be replaced with new vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Provide new street trees along Emerson Street.
- Provide planting buffer screen along west boundary.

ESTIMATED COSTS – GILBERT PARK

Miscellaneous	\$	6,000
Pavements	\$	6,800
Playground	\$	89,000
Site Furnishings	\$	44,000
Fencing	\$	24,400
<u>Landscape</u>	\$	<u>21,600</u>
TOTAL COSTS	\$	191,800

GREY PARK

Electrical/Lighting

- Remove existing light.
- Provide nine new lighting fixtures along pathway system.

Paving/Circulation

- The bomanite paving/seating areas should be replaced with concrete paving.
- The concrete path in the park should be replaced with new concrete paving.
- The entrance at the southeast corner of the park should be redesigned and upgraded with new paving, seating, and plantings.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards

- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards
- Consider relocating the playground area to the west side of the park.

Fencing

- Replace 4' Chain-link fencing along north side
- Add split rail fencing or vinyl coated chain link fencing along streets as required by re-design.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with eight new benches.
- Consider addition of exercise structure.
- Existing trash receptacles should be replaced throughout the park with six new trash receptacles.
- The existing stone wall amphitheater should be reconstructed - all joints tuck-pointed and seat stones reset.
- The concrete planters at the park entrances should be reconstructed and planted.
- Existing picnic tables and table-seats should be replaced with two new picnic tables and two new table-seats.
- A new ADA compliant drinking fountain should be added to the park.
- Develop a banner system for advertising events and sponsorships.

Landscape

- Street trees should be added along Ridge, Main and Maple Streets
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – GREY PARK

Miscellaneous	\$	9,200
Electrical/Lighting	\$	65,000
Pavements	\$	62,700
Playground	\$	214,100
Site Furnishings	\$	87,600
Fencing	\$	33,000
Landscape	\$	24,700
TOTAL COSTS	\$	496,300

Elizabeth Boynton HARBERT PARK

Paving/Circulation

- Reconstruct asphalt pathway.
- The canal overlook deck pathway should be properly constructed to provide ADA accessibility.

Fencing

- Replace chain-link fencing with new vinyl coated chain link fencing along the canal.

Site Features/Furniture

- The existing signs should be replaced with a new system sign and related landscape planting at the south end of the park on Main Street and at the north end of the park on Dempster Street.
- Ten new trash receptacles should be provided.
- New ADA compliance drinking fountain should be added.
- Existing picnic tables should be replaced with one new picnic table.
- Two new cooking grills should be provided.
- A gazebo should be provided including concrete floor, picnic tables and cooking grills.
- A new deck overlook (in addition to the existing) should be provided south of the playground along the canal.

Landscape

- New tree plantings should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – HARBERT PARK

Miscellaneous	\$	5,000
Pavements	\$	92,900
Site Furnishings	\$	153,300
Fencing	\$	102,900
Landscape	\$	28,800
TOTAL COSTS	\$	382,900

HARPER PARK

Paving/Circulation

- A path or walk should be provided to the benches from the sidewalks.
- Provide sidewalk along Sherman.
- Expand concrete area around drinking fountain for accessibility.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with two new benches.
- Existing trash receptacle should be replaced with one new trash receptacle.

Fencing

- The 6' chain-link fencing should be replaced with vinyl coated chain-link fencing

Landscape

- Street trees should be added along Sherman Avenue
- New plantings and landscape should be provided along the west boundary with CTA
- The parkway turf grass on Sherman Avenue needs to be improved, replaced, or paved

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – HARPER PARK

Miscellaneous	\$	2,400
14,600 Pavements	\$	89,700
Site Furnishings	\$	8,600
Fencing	\$	15,600
<u>Landscape</u>	\$	<u>12,000</u>
TOTAL COSTS	\$	53,200

HINMAN PARK

Paving/Circulation

- Existing paving should be replaced.
- Handicapped accessibility needs to be provided to playground equipment.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches throughout the park should be replaced with seven new benches.
- Existing trash receptacles should be replaced throughout the park with one new trash receptacles.
- Concrete planters at entrance and seating areas should be replanted.
- The existing drinking fountain should be replaced with an ADA compliance drinking fountain.
- Existing picnic table should be replaced with one new picnic table.

Fencing

- Existing chain link fencing on south and east park boundaries should be replaced with vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – HINMAN PARK

Miscellaneous	\$	2,400
Pavements	\$	6,400
Playground	\$	61,700
Site Furnishings	\$	44,100
Fencing	\$	12,300
<u>Landscape</u>	\$	<u>8,700</u>
TOTAL COSTS	\$	135,600

Marcus A. HOBART PARK

Paving/Circulation

- Portions of the exterior concrete sidewalk should be replaced.
- The existing limestone walks to the playground equipment should be replaced and upgraded with asphalt to improve accessibility.
- The existing stairs should be rebuilt to provide safe access to playground equipment.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- Existing chain link fencing along boundaries should be replaced with new vinyl coated chain link fencing.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with three new benches.

PARK IMPROVEMENTS AND COSTS

- Existing trash receptacle should be replaced with one new trash receptacle
- A new ADA compliant drinking fountain should be added to the park.
- Repair existing retaining wall.

Landscape

- Additional street trees should be added on Ridge Avenue and Foster Street.
- Plantings should be added to the top of the wall for safety protection

ESTIMATED COSTS – HOBART PARK

Miscellaneous	\$	2,800
Pavements	\$	20,600
Playground	\$	76,000
Site Furnishings	\$	40,600
Fencing	\$	4,300
<u>Landscape</u>	<u>\$</u>	<u>6,700</u>
TOTAL COSTS	\$	151,000

HOWELL PARK

Grading/Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

Paving/Circulation

- The existing limestone screenings path should be improved with new screenings and edging

Site Features/Furniture

- A new park identification sign should be provided with related landscape planting
- Existing benches should be replaced with six new benches
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – HOWELL PARK

Miscellaneous	\$	2,800
Grading/Drainage/ Utilities	\$	20,700
Pavements	\$	25,800
Site Furnishings	\$	19,200
<u>Landscape</u>	<u>\$</u>	<u>17,200</u>
TOTAL COSTS	\$	85,700

INDEPENDENCE PARK

Electrical/Lighting

- Install new lighting fixtures along walks within park.
- Install lights to illuminate flagpole.

Paving/Circulation

- The existing limestone screening path within the park should be replaced with new concrete paving.
- The sidewalk on the north side of park should be replaced with concrete walk.
- The seating area should be replaced with new concrete paving and seating.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards,
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards

Fencing

- Existing chain link fencing along east boundary should be replaced with new vinyl coated chain link fencing.

- Provide split rail fencing along Central Street.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Fourteen of the existing benches should be replaced with new benches to match recently installed benches.
- Existing trash receptacles should be replaced throughout the park with seven new trash receptacles.
- Existing drinking fountain should be replaced with a new ADA compliant drinking fountain.
- Existing table/seats should be replaced with two new table/seats.
- Provide two new ADA compliant picnic tables.
- New bike rack should be installed on Central Avenue with new concrete paving.
- Develop a banner system for advertising events and sponsorships.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – INDEPENDENCE PARK

Miscellaneous	\$	2,800
Electrical/Lighting	\$	46,900
Pavements	\$	29,900
Playground	\$	208,600
Site Furnishings	\$	80,800
Fencing	\$	25,100
<u>Landscape</u>	\$	<u>12,800</u>
TOTAL COSTS	\$	406,900

Samuel Gilbert INGRAHAM PARK

Grading/Drainage and Utilities

- Turf grass areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

Paving/Circulation

- Consider adding pathway throughout park.

Playground

- Consider adding playground for tots with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Consider adding playground for 6-12 age with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Provide four new benches in the park.
- Existing trash receptacle should be replaced with three new trash receptacle.
- Two new picnic tables should be provided to replace existing picnic tables.
- Two new grills should be provided to replace two existing cooking grills.
- Provide two bike racks.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – INGRAHAM PARK

Miscellaneous	\$	2,800
Grading/Drainage/ Utilities	\$	40,300
Pavements	\$	28,600
Playground	\$	209,600
Site Furnishings	\$	22,800
Landscape	\$	19,000
TOTAL COSTS	\$	323,100

Robert JAMES PARK

General

- There will be a senior center located in James Park.

Grading Drainage and Utilities

- Turf athletic fields should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.
- Underdrain system should be provided on athletic fields to improve drainage conditions.

Irrigation

- Irrigation should be installed for all athletic fields to improve turf conditions for play.

Electrical/Lighting

- Provide new lights for parking lots.
- Provide pedestrian light on path throughout park area.
- Replace lights on sled hill.

Paving/Circulation

- The entrance drive and parking lot should be resurfaced and portions of existing curbs replaced.
- Service drive should be repaved and new curbing.
- Change compost area by providing a system with a drive through.
- The existing limestone surfacing in the four field center should be repaved with asphalt.

- Interior pathway system throughout entire park should be installed.

Tennis Courts

- Tennis courts need to be repaved and surfaced with color coating system.
- Install bang boards on tennis courts.
- Remove and replace chain link fencing with vinyl coated chain link fencing.
- Provide a seating area by the tennis courts.
- Provide tennis court lighting.
- Install sign-in boards for tennis courts.
- Install new tennis nets/posts.

Basketball Court

- Basketball courts should be repaved and surfaced with color coating system.
- Provide new benches.

Hill Improvements

- Consider developing amphitheater area on small sled hill (provide electrical stubs, etc)
- Wood fencing, steps, and retaining walls on sled hill need to be replaced
- Provide additional stair access to hill on east side of main sled hill
- Twelve existing tow line poles on sled hill need to be removed

Athletic Fields

- Remove and replace central backstops, field fencing, bleacher pads and dugout areas (Fields 1-4)
- Design and construct central ball field pavilion, concession area, seating, landscaping and paving at central backstops.
- Provide four new bleachers for softball fields 5-8 (1 each)
- Provide eight new player benches for softball fields 5-8 (2 each)
- Provide four new backstops for softball fields 5-8 (1 each)

PARK IMPROVEMENTS AND COSTS

Site Features/Furniture

- The existing sign should be replaced with multiple park signs and related landscape planting
- Existing benches should be replaced with 10 new benches.
- Existing trash receptacles should be replaced with 28 new trash receptacles.
- Existing picnic tables should be replaced with 4 new picnic tables.
- Provide three new bike racks.
- Design and construct permanent compost pick-up bins.
- Remove and replace fitness stations.
- Provide an ADA compliant drinking fountain by tennis courts.

Fencing

- Replace exterior chain-link fencing with new vinyl coated chain-link fencing.

Landscape

- New trees and landscape plantings should be provided throughout the entire park.
- Additional buffer plantings should be provided along west boundary.
- Provide plantings along Dodge Avenue in replace of snow fencing.

ESTIMATED COSTS – JAMES PARK

Miscellaneous	\$	19,000
Grading/Drainage/ Utilities	\$	316,700
Irrigation System	\$	318,500
Electrical/Lighting	\$	201,000
Pavements	\$	569,200
Tennis Courts	\$	362,200
Tennis Court Lights	\$	75,400
Basketball Court	\$	29,600
Hill Improvements	\$	344,400
Recreation/Athletic Facilities	\$	184,500
Site Furnishings	\$	104,100
Fencing	\$	205,900
<u>Landscape</u>	\$	<u>186,800</u>
TOTAL COSTS	\$	2,914,600

KELLY PARK

Paving/Circulation

- Existing concrete paving should be replaced with new concrete paving.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards and ADA accessibility requirements.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing benches throughout the park should be replaced with three new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles
- Existing picnic table should be replaced with one new picnic table.

Fencing

- Existing chain link fencing should be replaced with vinyl coated chain link fencing on boundary areas.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – KELLY PARK

Miscellaneous	\$	2,800
Pavements	\$	11,000
Playground	\$	89,700
Site Furnishings	\$	10,600
Fencing	\$	8,100
<u>Landscape</u>	\$	<u>6,900</u>
TOTAL COSTS	\$	129,100

PARK IMPROVEMENTS AND COSTS

LADD ARBORETUM

General

- Ladd Arboretum will undergo a comprehensive master planning process to determine long term design and maintenance goals for the facility.

Utilities

- Bury ComEd lines running along McCormick Boulevard.

Lighting/Electrical

- Install pedestrian lighting fixtures along all paths throughout the arboretum.
- Install lighting for flagpole.

Paving/Circulation

- The parking lot should be redesigned for accessibility and resurfaced; portions of existing curb should be replaced
- The drive in front of the Ecology Center should be resurfaced with asphalt.
- Reconstruct existing limestone screenings paths.
- The walk around the ecology center should be reconstructed and the seating area resurfaced.
- The walkway in the circle garden should be resurfaced.
- Provide paved patio area at the Ecology center.

Fencing

- The existing chain link fencing along the canal should be replaced with new vinyl coated chain link fencing

Site Features/Furniture

- New park identifications signs (at least three) should be provided to replace existing signs with related landscape plantings.
- The existing trash receptacle throughout the arboretum should be replaced with ten new trash receptacles.

- Most of the benches should be replaced with new benches and additional locations for benches should be established.
- Many of the dedication plaques on memorial stones should be replaced.
- Reconstruct boat dock and provide accessible entrance.
- Provide new flagpole at independence knoll.
- Consider reconstruction or removal of wind generator. If removed, replace with a deck overlook.
- Construct permanent compost containment bins or consider relocating wood selling area to this location. If wood selling is relocated to this park, the area will require fencing.
- Reconstruct educational signing.
- Develop new memorial or gift tree program.

Landscape

- Dead trees and stumps should be removed.
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Provide more perennial and annual plantings throughout the arboretum.
- Prune shrubs and trees to make safer.

ESTIMATED COSTS – LADD ARBORETUM

Miscellaneous	\$	11,200
Electrical/Lighting	\$	326,700
Pavements	\$	201,000
Site Furnishings	\$	202,700
Fencing	\$	161,800
<u>Landscape</u>	<u>\$</u>	<u>143,600</u>
TOTAL COSTS	\$	1,047,000

LAKE-DODGE PARK

Utilities

- Remove existing unused steel poles.

PARK IMPROVEMENTS AND COSTS

Landscape

- Provide new landscape treatment in the traffic island with low shrubs and ground covers.

ESTIMATED COSTS – LAKE-DODGE PARK

<u>Landscape</u>	\$	4,200
TOTAL COSTS	\$	4,200

LARIMER PARK

Grading Drainage and Utilities

- Turf athletic fields should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

Electrical/Lighting

- Provide pathway park lighting with three new fixtures.

Paving/Circulation

- The existing asphalt path through the park should be replaced with new asphalt paving.
- Provide accessible pathway through park and to basketball court.
- Replace the paving surrounding the building and the building's roof.

Basketball Court

- The basketball court should be reconstructed.
- Provide two new player benches with concrete pads by the basketball court.
- Install new basketball backboard/poles.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Existing benches should be replaced with seven new benches

- Existing trash receptacles should be replaced throughout the park with three new trash receptacles
- Provide additional entry bollards (one removable, one permanent)
- Existing picnic table should be replaced with two new picnic tables
- A new ADA compliant drinking fountain should be added to the park by playground

Athletic Facilities

- New vinyl coated chain-link softball field backstop should be installed.
- Provide two new player benches with pads by the softball field.
- Provide new player benches.
- Replace volleyball sleeves/poles/nets.

Playground

- Install new tot playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Install new 6-12 age playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- The existing chain link fencing along the park boundaries and the gates should be replaced with new vinyl coated chain link fencing and gates.

Landscape

- New street trees should be added to the cul-de-sac on the north.
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Additional landscape plantings should be provided along the west boundary.

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – LARIMER PARK

Miscellaneous	\$	6,000
Grading/Drainage/ Utilities	\$	48,100
Electrical/Lighting	\$	26,100
Pavements	\$	17,500
Basketball Court	\$	36,500
Recreation/Athletic Facilities	\$	37,400
Playground	\$	208,000
Site Furnishings	\$	53,900
Fencing	\$	42,500
Landscape	\$	24,500
TOTAL COSTS	\$	500,500

- Existing trash receptacles should be replaced throughout the park with four new trash receptacles.
- Two new picnic tables should be provided within the park.
- Community gardens should be cleaned up.
- Remove existing drinking fountain.

Fencing

- Replace existing chain link fencing along the north border with vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

Lawrence O. LAWSON PARK

Utilities

- Remove and replace water service to the community gardens.

Electrical/Lighting

- Replace existing and add additional new pathway light fixtures to the park.

Paving/Circulation

- Provide an interior pedestrian pathway (limestone or asphalt) within the park providing linkages to playgrounds, seating areas, and adjacent Northeast Park.

Playground

- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards

Site Features/Furniture

- Replace park sign with new park identification sign with related landscape plantings should be provided in the park.
- Six existing benches should be replaced with new benches.

ESTIMATED COSTS – LAWSON PARK

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	65,900
Irrigation System	\$	54,600
Electrical/Lighting	\$	63,100
Pavements	\$	89,700
Tennis Courts	\$	86,400
Tennis Court Lights	\$	44,200
Basketball Court	\$	15,600
Recreation/Athletic Facilities	\$	160,900
Playground	\$	211,200
Site Furnishings	\$	43,400
Fencing	\$	11,200
Sculpture Garden	\$	519,800
Landscape	\$	20,300
TOTAL COSTS	\$	1,395,500

LEAHY COMMUNITY PARK

Grading Drainage and Utilities

- Turf athletic fields should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

PARK IMPROVEMENTS AND COSTS

Electrical/Lighting

- Provide three new pathway lighting fixtures within park.

Paving/Circulation

- Repave existing walk
- New asphalt walks to building, playground, and tennis courts.

Tennis Courts

- The tennis court paving should be reconstructed, repaved, and resurfaced with color coating system.
- Provide four new benches for tennis courts.
- The existing tennis court fencing should be replaced with new vinyl coated chain link fencing.
- The existing tennis court lights should be replaced with six new light poles/fixtures.
- Install sign-in boards for tennis courts.
- Install new tennis nets/posts.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with thirteen new benches
- Existing trash receptacles should be replaced throughout the park with four new trash receptacles
- Provide one new grill
- Five new picnic tables should be provided to replace existing three picnic tables
- Existing drinking fountain should be replaced with a new ADA compliant drinking fountain

Athletic Facilities

- Provide field fencing, dugout areas and bleacher pads at softball fields.
- One new bleacher for softball field.
- The softball infield should be improved with the proper infield clay-sand mixture.
- Investigate and possibly relocate drainage structure located in play field.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Consider providing sledding structure.

Landscape

- New tree plantings and landscape should be provided throughout the park to

ESTIMATED COSTS – LEAHY COMMUNITY PARK

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	44,400
Electrical/Lighting	\$	33,000
Pavements	\$	25,000
Tennis Courts	\$	149,200
Tennis Court Lights	\$	75,400
Recreation/Athletic Facilities	\$	55,900
Playground	\$	252,100
Site Furnishings	\$	50,500
<u>Landscape</u>	<u>\$</u>	<u>32,800</u>
TOTAL COSTS	\$	727,700

LEVINSON TOTLOT

Paving/Circulation

- remove existing limestone screenings path and reconstruct pathway with asphalt.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- ADA accessibility to and within the playground equipment should be provided.

PARK IMPROVEMENTS AND COSTS

Fencing

- The existing chain link fencing should be replaced with new vinyl coated chain link fencing.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with three new benches.
- Existing trash receptacle should be replaced with two new trash receptacle.
- Existing picnic table should be replaced with one new picnic tables.

Landscape

- Street trees should be provided on Mulford Street.
- New landscape plantings should be provided along the south boundary.

ESTIMATED COSTS – LEVINSON TOTLOT

Miscellaneous	\$	5,000
Pavements	\$	4,000
Playground	\$	70,900
Site Furnishings	\$	12,900
Fencing	\$	16,300
<u>Landscape</u>	\$	<u>11,200</u>
TOTAL COSTS	\$	120,300

LIGHTHOUSE LANDING PARK and BEACH

Electrical/Lighting

- Three new light fixtures should be provided in the parking lot.

Paving/Circulation

- The stone paths east of the Art Center should be reconstructed to provide proper and safe walking surface.
- Provide ADA access to beach.
- Provide accessible boardwalk on beach.
- Provide new entrance area to beach.

- Sealcoat and line parking lot.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing beach signage should be constructed as part of an overall signage system; entry sign should read “Lighthouse Beach”.
- Existing benches should be replaced with at four new benches.
- Existing trash receptacles should be replaced throughout the park with four new trash receptacles.
- Remove and replace existing bike racks.
- The entrance to the swimming beach should be redesigned to provide improved access and control for beach staff and users
- Provide an ADA compliant drinking fountain.
- Add signage to breakwater pier to call out danger.

Fencing

- The snow fencing should be replaced with new fencing that is both permanent and temporary.
- Install gate and new vinyl coated chain link fencing on breakwater pier.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Art Center Board plans to redesign and re-plant the areas east of the Art Center and on the northwest corner of the building.
- Provide additional landscaping at entrance (top of bluff).

**ESTIMATED COSTS – LANDING HOUSE
LANDING PARK AND BEACH**

Miscellaneous	\$	9,200
Electrical/Lighting	\$	43,600
Pavements	\$	126,400
Site Furnishings	\$	41,400
Fencing	\$	41,300
Landscape	\$	28,500
TOTAL COSTS	\$	290,400

Leah LOMAR PARK

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing trash receptacles should be replaced with five new trash receptacles.
- Provide two new picnic tables that are ADA compliant.

Landscape

- Street trees should be provided on Mulford Street.
- Additional shrub plantings should be added to the new plantings.
- New landscape plantings should be provided along the south boundary.
- Provide additional trees at play area.

ESTIMATED COSTS – LOMAR PARK

Site Furnishings	\$	12,500
Landscape	\$	15,000
TOTAL COSTS	\$	27,500

Walter S. LOVELACE PARK

Grading Drainage and Utilities

- Install aerator in pond.
- The existing irrigation system for the soccer field should be renovated.

Electrical/Lighting

- The existing light fixtures should be replaced with 48 new light fixtures providing more efficiency and better distribution.

Paving/Circulation

- Reconstruct limestone paving around the pond.
- Parking lot should be repaved and curbing replaced.
- The existing pedestrian path should be resurfaced with asphalt.

Tennis Courts

- Resurface tennis courts with overlay and color coating system.
- Remove and replace tennis court fencing with vinyl coated chain link.
- Consider adding lighting on tennis courts.
- Install sign-in boards for tennis courts.
- Install surface drainage system.
- Install new tennis nets/posts.
- Remove and replace bleachers and provide paved bleacher pads.

Basketball Court

- Reconstruct basketball court.
- Resurface tennis courts with overlay and color coat.
- Install new player benches.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Existing old benches should be replaced with twenty-three new benches to match those recently installed
- Existing trash receptacles should be replaced throughout the park with thirteen new trash receptacles
- Provide new bike racks throughout the park and consolidate locations to logical sites.
- Existing old picnic tables need replaced with four new ADA compliant picnic tables
- Provide four new cooking grills

PARK IMPROVEMENTS AND COSTS

- Put grates over culverts?
- Remove and replace fitness stations.
- Consider adding a permanent, fenced concrete skate park.
- Add a gazebo to the park.
- Investigate the safety at the pond and consider adding stone courses or fencing to existing pond edging to provide barrier and seating wall.

Fencing

- The existing chain link boundary fence should be replaced with vinyl coated chain link fencing
- Provide continuous fencing along Wilmette boundary.

Landscape

- Landscape plantings should be provided to screen/buffer the electric transformer station in the southwest corner of the park
- Plant additional trees throughout park.

ESTIMATED COSTS – FOSTER FIELD

Miscellaneous	\$	9,200
Grading/Drainage/ Utilities	\$	55,300
Electrical/Lighting	\$	237,200
Pavements	\$	161,700
Tennis Courts	\$	282,300
Tennis Court Lights	\$	75,400
Basketball Court	\$	34,800
Site Furnishings	\$	211,100
Fencing	\$	98,700
<u>Landscape</u>	\$	51,000
TOTAL COSTS	\$	1,216,700

Cornelia LUNT PARK

Electrical/Lighting

- The existing light fixtures/poles need to be replaced with new light fixtures (talmadge fixtures).

Paving/Circulation

- Reconstruct exterior cinder paths with limestone screenings and restore interior cinder path to turf.
- The paving in the seating area should be reconstructed with either limestone screenings or asphalt paving.
- A paved walkway should be installed on the south side of the park to connect Lunt to the sidewalk east in Centennial Park.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing park benches should be removed and replaced with at least ten park benches.
- Provide a seating area.
- Existing trash receptacles should be replaced with three new trash receptacles.
- Concrete water trough at the north end of park needs to be reconstructed/rehabilitated.

Landscape

- Continue tree-planting program throughout the park to replace old trees and those removed.

ESTIMATED COSTS – LUNT PARK

Miscellaneous	\$	5,000
Electrical/Lighting	\$	103,800
Pavements	\$	33,600
Site Furnishings	\$	33,800
Fencing	\$	11,200
<u>Landscape</u>	\$	15,900
TOTAL COSTS	\$	192,100

MASON PARK

Grading Drainage and Utilities

- Consider installation of automated irrigation system for field areas to improve turf conditions.

- Turf athletic fields should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

Paving/Circulation

- The asphalt driveway on the south side of the building should be replaced with new paving.
- Existing asphalt paths should be replaced with new asphalt paths throughout the park.
- The pavement and seating area in front of the building should be replaced with new concrete.
- The existing asphalt path south of the tennis courts should be replaced with concrete as an extension of the existing concrete sidewalk on the north side of Davis Street.
- Consider adding parking lot for park users.
- Reconstruct existing limestone path and edging.

Recreational Facilities

- The ball field backstop should be replaced with new vinyl coated chain link backstop.
- New player benches and bleachers (with concrete pads) and field fencing should be provided for the baseball field.
- Install new bleachers with concrete pad.
- Add line vinyl coated chain link fencing.
- Reconstruct infield surfacing
- Consider adding more facilities for teens.

Tennis Courts

- The tennis courts should be reconstructed and properly under-drained and surfaced with new overlay and color coating system.
- Tennis court fencing should be replaced with vinyl coated chain link fence.
- Install sign-in boards for tennis courts.
- Install new player benches.
- Install new tennis nets/posts.
- Install new lighting for courts.

Basketball Courts

- The basketball courts should be resurfaced with new overlay and color coating system.

Playground

- Certain pieces of playground equipment that do not comply with CPSC and ASTM should be removed.
- The playground should be re-surfaced with new resilient surfacing and edging.
- The planter retaining wall in the playground needs to be replaced.
- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Features/Furniture

- The existing sign should be replaced with a new system signs and related landscape plantings.
- New bike racks should be provided around the building (need more than currently exists).
- Existing benches throughout the park should be replaced with eight new benches.
- Existing trash receptacles should be replaced throughout the park with eleven new trash receptacles.
- Replace picnic tables with four new picnic tables (including ADA accessible tables)
- Remove existing damaged bollards on the north side of Davis Street (south edge of park) and replace with new vinyl coated chain link fencing.
- Remove retaining wall and install new retaining/planters in front of the building.

Fencing

- Boundary fencing should be replaced throughout the park with new vinyl coated chain link fencing.

PARK IMPROVEMENTS AND COSTS

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed

ESTIMATED COSTS – MASON PARK

Miscellaneous	\$	9,700
Grading/Drainage/ Utilities	\$	108,300
Pavements	\$	69,300
Tennis Courts	\$	116,400
Tennis Court Lights	\$	44,200
Basketball Court	\$	39,000
Recreation/Athletic Facilities	\$	51,000
Playground	\$	107,500
Site Furnishings	\$	52,500
Fencing	\$	79,100
<u>Landscape</u>	\$	39,000
TOTAL COSTS	\$	716,000

McCORMICK PARK

Grading Drainage and Utilities

- Install water line and lawn hydrants for community gardens.

Site Features/Furniture

- A new park identification sign with related plantings should be provided
- Four new benches should be provided
- Existing trash receptacles should be replaced throughout the park with at least four new trash receptacles

Landscape

- The community gardens need to be improved in overall organization, layout, and maintenance to reduce unsightly conditions.
- Landscape maintenance should be provided along the length of the park to improve overall visual impact.

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – McCORMICK PARK

Utilities	\$	19,100
Site Furnishings	\$	15,700
<u>Landscape</u>	\$	16,500
TOTAL COSTS	\$	51,300

Catherine Waugh McCULLOCK PARK

Electrical/Lighting

- Three existing light fixtures should be replaced with new light fixtures (3) and wiring.

Paving/Circulation

- Limestone screening path should be replaced with asphalt path.

Basketball Court

- Basketball court should be reconstructed as a half court with new paving and color coating system.
- Provide a new goal post for basketball court.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with five new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.
- Existing picnic tables should be replaced with three new picnic tables.
- Existing drinking fountain should be replaced with a new ADA compliant drinking fountain.
- Install new bike racks.

PARK IMPROVEMENTS AND COSTS

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- Existing split-rail fencing should be replaced with new split-rail fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – McCULLOCH PARK

Miscellaneous	\$	7,000
Electrical/Lighting	\$	49,300
Pavements	\$	17,200
Basketball Court	\$	21,000
Playground	\$	207,900
Site Furnishings	\$	54,400
Fencing	\$	29,300
<u>Landscape</u>	\$	<u>20,900</u>
TOTAL COSTS	\$	407,000

Vera MEGOWEN PARK

Electrical/Lighting

- Provide new lighting fixtures (4) along pathway system.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA compliant.
- Existing playground equipment for 6-12 age should be replaced with new playground

equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- Existing chain link fencing should be replaced with vinyl coated chain link fencing on boundary areas.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches throughout the park should be replaced with three new benches.
- Existing picnic table should be replaced with one new picnic tables.
- Existing trash receptacles should be replaced throughout the park with two new trash receptacles.
- Replace existing drinking fountain with new drinking fountain ADA compatible.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Additional buffer plantings and landscape should be added along south/west/north property boundaries.

ESTIMATED COSTS – MEGOWEN PARK

Miscellaneous	\$	7,000
Electrical/Lighting	\$	34,500
Playground	\$	207,900
Site Furnishings	\$	42,500
Fencing	\$	21,800
<u>Landscape</u>	\$	<u>15,600</u>
TOTAL COSTS	\$	329,300

PARK IMPROVEMENTS AND COSTS

MERRICK ROSE GARDEN

Electrical/Lighting

- New low level pathway lighting should be added to the path system.
- Provide new fountain lighting system.

Irrigation

- The irrigation system should be replaced with a new automated irrigation system.

Site Features/Furniture

- New sign and landscape.
- Provide a new drinking fountain.
- Reconstruct deteriorating sections of brick walls.

Fencing

- The chain link fence along the west boundary should be replaced with vinyl coated chain link fencing.

ESTIMATED COSTS – MERRICK ROSE GARDEN

Miscellaneous	\$	7,000
Electrical/Lighting	\$	91,000
Irrigation	\$	20,800
Site Furnishings	\$	65,000
<u>Fencing</u>	\$	9,300
TOTAL COSTS	\$	193,100

MONROE TOTLOT

Paving/Circulation

- Existing limestone walks need to be reconstructed with new concrete.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Remove existing playground equipment for 6-12 year olds.

Site Features/Furniture

- Provide a new system sign and related landscape planting.
- Existing benches should be replaced with three new benches
- Existing trash receptacle should be replaced with one new trash receptacle.

Fencing

- The existing chain link fencing should be replaced with vinyl coated chain link fencing.

Landscape

- Additional trees and landscape should be provided in the park.

ESTIMATED COSTS – MONROE TOTLOT

Miscellaneous	\$	7,000
Pavements	\$	5,500
Playground	\$	61,700
Site Furnishings	\$	11,300
Fencing	\$	12,900
<u>Landscape</u>	\$	5,400
TOTAL COSTS	\$	103,800

Jennifer MORRIS PARK

Paving/Circulation

- Repair/replace existing brick walk.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- One new trash receptacle should be added.
- Provide one park bench.

Landscape

- Add street trees on Custer Street.
- Additional trees and landscape should be provided in the park along the CTA wall.

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – MORRIS PARK

Pavements	\$	2,700
Site Furnishings	\$	6,100
<u>Landscape</u>	<u>\$</u>	<u>5,800</u>
TOTAL COSTS	\$	14,600

Anne & Mary Sloan OLDBERG PARK

Utilities

- Consider addition of irrigation system for plantings and lawn areas.

Electrical/Lighting

- Consider addition of site lighting on pathway and around seating area.

ESTIMATED COSTS – OLDBERG PARK

Irrigation System	\$	7,200
<u>Electrical/Lighting</u>	<u>\$</u>	<u>34,400</u>
TOTAL COSTS	\$	41,600

PATRIOTS PARK

Electrical/Lighting

- Install lighting for flagpole/memorial.

Paving/Circulation

- Consider the installation of an accessible seating area/plaza space at the memorial structure.
- Provide pedestrian path to the memorial/flagpole.

Site Features/Furniture

- A new identification sign should be added with related landscape plantings.
- Consider addition of six new park benches.
- Two new trash receptacles should be provided.
- The limestone base of the memorial should be properly cleaned and restored.
- The flagpole should be repainted.

Landscape

- New tree plantings should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – PATRIOTS PARK

Miscellaneous	\$	2,800
Electrical/Lighting	\$	25,200
Pavements	\$	15,600
Site Furnishings	\$	28,000
<u>Landscape</u>	<u>\$</u>	<u>5,500</u>
TOTAL COSTS	\$	77,100

PENNY PARK

Grading/Drainage and Utilities

- Turf areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

Paving/Circulation

- Portion of the exterior sidewalks should be replaced.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing benches throughout the park should be replaced with two new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.
- New bike rack should be installed.
- Add an additional drinking fountain.

Playground

- Existing playground equipment should be upgraded and renovated.

PARK IMPROVEMENTS AND COSTS

Fencing

- Existing chain link fencing along the south boundary should be replaced with new vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – PENNY PARK

Miscellaneous	\$	6,000
Grading/Drainage/ Utilities	\$	22,000
Pavements	\$	14,900
Playground	\$	69,500
Site Furnishings	\$	42,400
Fencing	\$	19,200
<u>Landscape</u>	\$	<u>17,900</u>
TOTAL COSTS	\$	192,400

Adam PERRY PARK

Electric/Lighting

- Replace existing light fixture with six new pedestrian light fixtures.

Paving/Circulation

- Existing asphalt walkway should be redesigned and re-paved with new asphalt.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with four new benches.
- Existing trash receptacles should be replaced throughout the park with four new trash receptacles.
- A new ADA compliant drinking fountain should be added to the park.
- Provide one new ADA compliant picnic table.

Fencing

- Existing chain link fencing along boundaries should be replaced with new vinyl coated chain link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Provide planting buffer screen along north boundary.

ESTIMATED COSTS – PERRY PARK

Miscellaneous	\$	6,000
Electrical/Lighting	\$	42,200
Pavements	\$	17,500
Playground	\$	208,500
Site Furnishings	\$	47,000
Fencing	\$	19,800
<u>Landscape</u>	\$	<u>20,300</u>
TOTAL COSTS	\$	361,400

PHILBRICK PARK

Electrical/Lighting

- Provide new lighting fixture in alley.

Paving/Circulation

- The stone paving in the seating area should be removed and reset to provide safety.

PARK IMPROVEMENTS AND COSTS

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Furnishings	\$	24,000
Fencing	\$	11,000
Landscape	\$	21,400
TOTAL COSTS	\$	299,800

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with seven new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.
- Existing picnic tables should be replaced with two new picnic tables.

Fencing

- Existing chain link fencing along boundaries should be replaced with new vinyl coated chain link fencing.

Landscape

- Additional landscape plantings need to be provided along the alley and south boundary.
- The turf grass around the playground needs to be improved due to compaction and shade -- possible enlarge playground surfacing.
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- New landscaping should be installed in circle plant bed at seating area.

Harry Hibbert PORTER PARK

Basketball Court

- The basketball court should be repaved and resurfaced with color coating system.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- One existing old bench should be replaced with three new benches to match recently installed benches.
- Existing trash receptacle should be replaced with two new trash receptacle.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- Replace existing chain-link fencing with new vinyl coated chain-link fencing.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – PHILBRICK PARK

Miscellaneous	\$	6,000
Electrical/Lighting	\$	9,700
Pavements	\$	19,100
Playground	\$	208,600

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – PORTER PARK

Miscellaneous	\$	6,000
Basketball Court	\$	2,000
Playground	\$	160,500
Site Furnishings	\$	10,600
Fencing	\$	11,400
<u>Landscape</u>	\$	<u>8,300</u>
TOTAL COSTS	\$	198,800

QUINLAN PARK

Paving/Circulation

- Install new concrete sidewalk along Lincoln Avenue.

Site Features/Furniture

- Add a new system sign and related landscape planting.
- One existing old bench should be replaced with three new bench.
- Existing trash receptacle should be replaced with one new trash receptacle.

Landscape

- Additional street trees should be added along all three bordering streets.

ESTIMATED COSTS – QUINLAN PARK

Pavements	\$	9,500
Site Furnishings	\$	9,600
<u>Landscape</u>	\$	<u>9,400</u>
TOTAL COSTS	\$	28,500

RAYMOND PARK

Electrical/Lighting

- Add 3 new pedestrian lights along park walk.

Paving/Circulation

- Edging around sponsor bricks needs to be replaced (elevated) with concrete edging.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Site Features/Furniture

- The existing signs (two) should be replaced with two new system identification signs and related landscape plantings.
- Existing park benches should be removed and replaced with at least fourteen new park benches.
- Existing trash receptacles should be replaced with six new trash receptacles.
- Replace picnic tables with two new picnic tables (including ADA accessible tables).
- Provide one new bicycle rack.

Landscape

- New tree plantings should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – RAYMOND PARK

Miscellaneous	\$	6,000
Electrical/Lighting	\$	26,600
Pavements	\$	2,600
Playground	\$	206,600
Site Furnishings	\$	47,000
<u>Landscape</u>	\$	<u>18,900</u>
TOTAL COSTS	\$	309,700

Celia SARGENT PARK

Paving/Circulation

- Existing limestone walks need to be reconstructed with new edging.
- Provide accessible pathway throughout park.

PARK IMPROVEMENTS AND COSTS

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting
- Existing benches should be replaced with three new benches
- Existing trash receptacle should be replaced with one new trash receptacle

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.
- Remove existing playground equipment for 6-12 year olds
- Provide ADA accessibility to playground equipment.

Fencing

- The existing chain link fencing should be replaced with vinyl coated chain link fencing.

Landscape

- Additional trees and landscape should be provided in the park.

ESTIMATED COSTS – SARGENT PARK

Miscellaneous	\$	6,000
Pavements	\$	6,800
Playground	\$	90,400
Site Furnishings	\$	10,600
Fencing	\$	4,600
<u>Landscape</u>	<u>\$</u>	<u>4,100</u>
TOTAL COSTS	\$	122,500

Elnora SMITH PARK

Electrical/Lighting

- Add six new pedestrian lights along park walk.

Paving/Circulation

- Existing limestone screenings pathways should be replaced with new asphalt paths.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA accessibility requirements.
- Existing playground equipment for 6-12 age should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA accessibility requirements.
- Existing wood retaining wood should be replaced.

Fencing

- Existing chain link fencing along east property line should be replaced with vinyl coated chain link fencing.

Site Features/Furniture

- The existing sign should be replaced with a new system identification sign and related landscape plantings.
- Existing benches throughout the park should be replaced with five new benches.
- Existing trash receptacles should be replaced throughout the park with five new trash receptacles.
- Existing picnic table should be replaced with one new picnic table and one table-seat.
- New drinking fountain (ADA compliant) should be provided.
- New bike rack should be installed.
- A new table with seats should be installed.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – SMITH PARK

Miscellaneous	\$	6,000
Electrical/Lighting	\$	45,900
Pavements	\$	18,500
Playground	\$	219,100
Site Furnishings	\$	54,400
Fencing	\$	14,000
<u>Landscape</u>	\$	11,500
TOTAL COSTS	\$	369,400

Thomas E. SNYDER PARK

Grading Drainage and Utilities

- Turf grass areas should be upgraded with improved drainage and grading.

Paving/Circulation

- Interior walks should be replaced with new asphalt paving.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ASTM safety standards and ADA compliant.
- New 6-12 age swing set should be provided.

Fencing

- Existing chain link fencing should be replaced with vinyl coated chain link fencing on boundary areas.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches throughout the park should be replaced with five new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.
- New drinking fountain ADA compatible should be added to the park.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – SNYDER PARK

Miscellaneous	\$	6,000
Grading/Drainage/ Utilities	\$	15,500
Pavements	\$	5,000
Playground	\$	89,000
Site Furnishings	\$	51,100
Fencing	\$	9,800
<u>Landscape</u>	\$	8,800
TOTAL COSTS	\$	185,200

SOUTH BOULEVARD BEACH/PARK

Paving/Circulation

- New entrance to the beach should be developed with paving and fencing in relationship with new restroom/beach entrance building.
- Reconstruct limestone screenings path and edging.
- Pick-up and drop-off area should be provided in front of the beach entrance facility.
- Beach should be ADA accessible with a boardwalk.

Fencing

- The existing snow fencing defining the beach should be removed and replaced with a new fencing system that can be removed during off-season periods.
- Install gate and vinyl chain link fencing on breakwater pier for safety and security.

Playground

- Remove existing playground equipment.

Site Features/Furniture

- Add new identification sign and related landscape plantings.

PARK IMPROVEMENTS AND COSTS

- Existing benches throughout the park should be replaced with two new benches.
- Existing trash receptacles should be replaced throughout the park with five new trash receptacles.
- Two new bike racks and paving area should be provided in conjunction with the beach entrance area.
- Add signage to breakwater pier to call out danger.
- Install new drinking fountain (ADA) on the new building.
- Install new bike racks.

Landscape

- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- The area along Sheridan Road should be improved with new fencing and plantings to enhance view of the lake and entrance to City.

ESTIMATED COSTS – SOUTH BOULEVARD BEACH/PARK

Miscellaneous	\$	9,000
Pavements	\$	81,900
Site Furnishings	\$	27,700
Fencing	\$	39,000
<u>Landscape</u>	<u>\$</u>	<u>15,500</u>
TOTAL COSTS	\$	173,100

SOUTHWEST PARK

Paving/Circulation

- Install concrete walk for ADA accessibility.

Playground

- Provide ADA accessibility to playground equipment.
- Remove and replace swings.
- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing

meeting ASTM safety standards and ADA compliant.

Fencing

- The existing wood fencing should be replaced with vinyl coated chain link fencing.
- Consider replacing post and rail exterior fencing with vinyl coated chain link fencing.

Site Features/Furniture

- Add new identification sign and related landscape plantings.
- Existing benches should be replaced with six new benches.
- Existing trash receptacles should be replaced with two new trash receptacles.
- Two new picnic tables should be added to the park.
- The existing retaining wall should be redesigned to comply with CPSC requirements.

Landscape

- Additional trees and landscape should be provided in the park.

ESTIMATED COSTS – SOUTHWEST PARK

Miscellaneous	\$	7,000
Pavements	\$	1,700
Playground	\$	103,300
Site Furnishings	\$	25,700
Fencing	\$	23,700
<u>Landscape</u>	<u>\$</u>	<u>6,200</u>
TOTAL COSTS	\$	167,600

ST. PAUL PARK

Paving/Circulation

- Redo existing seating areas with new concrete paving and provide ADA accessibility to new seating areas.
- Additional paving should be provided to accommodate user patterns.

PARK IMPROVEMENTS AND COSTS

Fencing

- Existing chain link fencing should be replaced with vinyl coated chain link fencing on boundary areas.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches throughout the park should be replaced with nine new benches.
- Existing trash receptacles should be replaced throughout the park with five new trash receptacles.
- Reconstruct existing seating area with new benches, planters and paving.
- The existing wood retaining wall along sidewalk should be replaced.
- The existing bike racks should be replaced with seven new racks and the area improved for more efficient use.
- Remove bike racks located just south of newsstand.
- The dumpsters on the north side of the station building should be modified and screened.

Landscape

- Additional tree plantings should be provided to replace old trees and landscape.
- Additional shrubs should be provided along the sidewalk areas.
- Annuals and perennials should be provided in planting areas throughout the park.

ESTIMATED COSTS – ST. PAUL PARK

Miscellaneous	\$	7,000
Pavements	\$	22,100
Site Furnishings	\$	47,700
Fencing	\$	14,800
<u>Landscape</u>	<u>\$</u>	<u>12,800</u>
TOTAL COSTS	\$	104,400

STOCKHAM PLACE PARK

Grading Drainage and Utilities

- Turf grass areas should be upgraded with improved drainage and grading.

Site Features/Furniture

- Existing trash receptacle should be replaced with new trash receptacle.
- Two new park identification signs should be provided at both the north and south ends of the Park.
- Four new benches should be provided.

Landscape

- Additional street tree plantings should be added to replace older trees.

ESTIMATED COSTS – STOCKHAM PLACE

Grading/Drainage/ Utilities	\$	17,300
Site Furnishings	\$	13,000
<u>Landscape</u>	<u>\$</u>	<u>5,200</u>
TOTAL COSTS	\$	36,300

Thomas Eddy TALLMADGE PARK

Grading Drainage and Utilities

- Provide drainage structures for west side of building (may need to clean out existing drains).
- Turf areas should be modified by grading and drainage structures (installation of inlets and storm sewer pipe) to improve drainage and turf conditions.

Electrical/Lighting

- Provide more security lighting.
- Provide electrical outlet throughout park to help with programs.
- Add more lighting in parking lot.

Paving/Circulation

- Provide more parking.

PARK IMPROVEMENTS AND COSTS

- Construct a drop-off zone for children.
- Provide a walk from the parking lot to the park.

Recreational Facilities

- Provide four new player benches to baseball fields (2 at each field).

Fencing

- Provide bollards at main entry walkway to prevent vehicular traffic.
- Consider a new fencing in lieu of split rail fencing.

Site Features/Furniture

- Replace two existing signs with a new system sign and related landscape planting.
- Existing trash receptacles should be replaced throughout the park with six new trash receptacles.
- Provide two new bike racks near Noyes Street.
- Redesign dumpster area.
- Develop a banner system for advertising events and sponsorships.

Landscape

- Additional landscape plantings should be provided in parking lot islands.
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.
- Screen trash dumpsters with landscaping or wall.

ESTIMATED COSTS – TALLMADGE PARK

Miscellaneous	\$	9,300
Grading/Drainage/ Utilities	\$	37,900
Electrical/Lighting	\$	58,500
Pavements	\$	38,100
Recreation/Athletic Facilities	\$	7,200
Site Furnishings	\$	24,500
Fencing	\$	12,000
<u>Landscape</u>	<u>\$</u>	<u>15,800</u>
TOTAL COSTS	\$	203,300

Frank S. TORGERSON PARK

Paving/Circulation

- New park path (either limestone screenings or asphalt) should be provided through the park linking playground, seating areas and entrances.

Playground

- Existing playground equipment for tots should be replaced with new playground equipment, edging, and resilient surfacing meeting ADA and ASTM safety standards.

Fencing

- Replace existing chain-link fencing with vinyl coated chain-link fencing.

Site Features/Furniture

- The existing sign should be replaced with a new system sign and related landscape planting.
- Existing benches should be replaced with five new benches.
- Existing trash receptacles should be replaced throughout the park with three new trash receptacles.

Landscape

- Additional landscape planting should be provided along the railroad tracks as a buffer/screen.
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

ESTIMATED COSTS – TORGERSON PARK

Miscellaneous	\$	9,300
Pavements	\$	14,500
Playground	\$	89,000
Site Furnishings	\$	17,300
Fencing	\$	25,800
<u>Landscape</u>	<u>\$</u>	<u>11,300</u>
TOTAL COSTS	\$	167,200

PARK IMPROVEMENTS AND COSTS

Benjamin TRAHAN PARK

Paving/Circulation

- Seating area within park should be provided.
- Consider the installation of limestone walkway through park to seating area or potential play area.

Playground

- Consider adding playground equipment for tots.

Fencing

- Existing wood fence should be replaced with vinyl coated chain link fencing on alley side.

Site Features/Furniture

- Provide a new system sign and related landscape planting.
- Existing benches should be replaced with five new benches.
- Existing trash receptacle should be replaced with two new trash receptacle.
- Provide three new benches (2 in seating area).
- Provide two picnic tables.

Landscape

- Additional trees and landscape should be provided in the park.

ESTIMATED COSTS – TRAHAN PARK

Miscellaneous	\$	9,300
Pavements	\$	9,300
Playground	\$	89,700
Site Furnishings	\$	21,700
Fencing	\$	5,400
<u>Landscape</u>	<u>\$</u>	<u>9,600</u>
TOTAL COSTS	\$	145,000

William H. TWIGGS PARK

General

- Attempt to formally acquire land at Canal Lands B.

Electrical/Lighting

- Provide additional lighting along the extended path once Canal Land B is formally acquired.

Paving/Circulation

- Reconstruct asphalt pathways throughout park.
- Remove asphalt drive and curbing in Canal Lands B.
- Extend asphalt pathway from Twiggs to Canal Lands B.

Fencing

- Existing chain link fencing along boundaries should be replaced with new vinyl coated chain link fencing
- Existing telephone pole guardrail should be replaced with a new barrier where streets end at park's edge.

Site Features/Furniture

- Provide a new system sign with related landscape planting.
- Four old benches should be replaced with new benches to match recently installed benches.
- Existing trash receptacles should be replaced throughout the park with fourteen new trash receptacles.
- Remove three old picnic tables (park only needs 4 or 5 total).

Landscape

- Street trees should be added along Simpson Street.
- New tree plantings and landscape should be provided throughout the park to replace old trees and those removed.

PARK IMPROVEMENTS AND COSTS

ESTIMATED COSTS – TWIGGS PARK

Miscellaneous	\$	9,300
Electrical/Lighting	\$	44,900
Pavements	\$	84,800
Site Furnishings	\$	39,300
Fencing	\$	71,900
<u>Landscape</u>	\$	<u>31,600</u>
TOTAL COSTS	\$	281,800

Recommended Park Building Improvements

Based upon the preceding information, the following park building improvements are recommended for implementation. Cost estimates for improvements are provided, with detailed cost estimates for each park building included in Appendix B.

ACKERMAN PARK RESTROOM BUILDING

Recommendation: Demolition and replacement of restroom building with a new structure similar in size and configuration.

Building will need to be increased in size to accommodate ADA requirements (from 870 square feet to approximately 1,100 square feet).

ESTIMATED COST
ACKERMAN PARK RESTROOM
BUILDING: \$ 298,100

BAKER PARK RESTROOM BUILDING

Recommendation: Demolition and replacement of restroom building with a new structure similar in size and configuration.

Building will need to be increased in size to accommodate ADA requirements (from 950 square feet to approximately 1,100 square feet).

ESTIMATED COST
BAKER PARK RESTROOM
BUILDING: \$ 281,500

PARK IMPROVEMENTS AND COSTS

BENT PARK RESTROOM BUILDING

Recommendation: Demolition and replacement of restroom building with a new structure similar in size and configuration.

Building will need to be increased in size to accommodate ADA requirements (from 950 square feet to approximately 1,200 square feet).

ESTIMATED COST
BENT PARK RESTROOM
BUILDING: \$ 317,400

CARTWRIGHT PARK GAZEBO

Recommendation: Regular routine maintenance

ESTIMATED COST
CARTWRIGHT PARK
GAZEBO: \$ 5,400

CENTENNIAL/CLARK STREET BEACH RESTROOM BUILDING

Recommendation: The restroom should be removed and replaced with a new restroom/entrance building to the Clark Street Beach.

The building should be relocated to better serve both the park and as an entrance to the beach.

The building should provide for two restrooms, entrance control station, concession, utility and storage, and lifeguard office, and consist of approximately 2,300 square feet.

ESTIMATED COST
CENTENNIAL/CLARK
STREET BEACH
RESTROOM BUILDING: \$ 552,000

CHANDLER – NEWBERGER CENTER BUILDING

Recommendations: Site Work, Routine Maintenance, Renovation and Possible Expansion. Improvements include the following:

- Readjust counter heights.
- Clean and tuckpoint brick.
- Consider adding bench at the tree near the front entry.
- Consider adding wall mounted advertising at the east wall of the gymnasium, facing the train tracks.
- Consider applying sacrificial graffiti coating to cast elevation
- Consider adding some half court basketball courts with adjustable height baskets
- Hospital shed needs to be removed and replaced with more compatible structure
- Replace kitchen lighting
- Consider replacing scoreboard and sound system
- New volleyball equipment needed
- Excavate and reapply waterproofing measures at bermed foundation wall near north entry
- Consider expansion for special recreation activities
- Consider coordinating racquetball court wall materials
- Consider replacing gymnasium divider with automated sound control divider.
- Consider replacing gymnasium basketball backboards with automated backboards with adjustable heights.
- Consider replacing gymnasium flooring. Staff recommends resilient flooring due to occasional table use
- Consider additional of acoustical baffles within gymnasium

ESTIMATED COST
CHANDLER-NEWBERGER
CENTER BUILDING: \$ 268,700

CROWN COMMUNITY CENTER BUILDING

Recommendation: The building should be totally replaced with a similar sized structure.

ESTIMATED COST
CROWN COMMUNITY CENTER BUILDING: \$ 9,979,200

- Add baby changing station to men's toilet room
- Replace missing toilet room accessories
- Improve toilet room ventilation
- Provide ADA compliant signage at toilet rooms in visible area
- Toilet rooms do not have required 5' diameter wheelchair turning radius

GREENWOOD BEACH RESTROOM BUILDING

Recommendation: The restroom should be removed and replaced with a new restroom/entrance building to the Greenwood Beach entrance.

The building should be relocated to better serve both the park and as an entrance to the beach.

The building should provide for two restrooms, entrance control station, concession, utility and storage, and lifeguard office, and consist of approximately 2,300 square feet.

ESTIMATED COST
GREENWOOD BEACH RESTROOM BUILDING: \$ 546,500

ESTIMATED COST
DAWES PARK/LAGOON RESTROOM BUILDING/SHELTER: \$ 62,200

DEMPSTER STREET AQUATICS BUILDING

Recommendation: Demolition and replacement of building

ESTIMATED COST
DEMPSTER STREET AQUATICS BUILDING: \$ 1,048,800

DAWES PARK/LAGOON RESTROOM BUILDING/SHELTER

Recommendation: Routine maintenance and renovation. Improvements include the following:

- Clean and tuck-point brick
- Replace flashings
- Replace/repair miscellaneous carpenter built details
- Paint/stain
- Caulking/sealant
- Improve interior lighting

DOBSON-BRUMMEL PARK SHELTER

Recommendation: Regular routine maintenance – paint/stain structure

ESTIMATED COST
DOBSON-BRUMMEL PARK SHELTER: \$ 400

ELLIOTT PARK - LEE STREET BEACH RESTROOM BUILDING

Recommendation: The restroom should be removed and replaced with a new restroom/entrance building to the Lee Street Beach entrance.

The building should be relocated to better serve both the park and as an entrance to the beach.

PARK IMPROVEMENTS AND COSTS

The building should provide for two restrooms, entrance control station, concession, utility and storage, and lifeguard office, and consist of approximately 2,300 square feet.

ESTIMATED COST
LEE STREET BEACH
RESTROOM BUILDING: \$ 535,400

FOSTER PARK – FLEETWOOD-JOURDAIN COMMUNITY CENTER BUILDING

Recommendation: Improvements and Routine Maintenance as follows:

- Staff recommends reconfiguring west parking lot for inclusion of sculpture garden
- Brick cleaning and tuck-pointing required
- Platform lift replacement recommended
- Second floor office area needs to be made handicap accessible
- Existing finishes, such as ceiling tiles and floor tiles, require replacement
- Fitness room too small for program requirements – needs to be enlarged
- Arts and crafts room, computers, and computer area outdated. Electrical and phone upgrades required
- Replace gymnasium curtain with automated curtain
- Replace manual roll away bleachers with automated bleachers
- Replace tack board system at hall
- Provide enclosed storage area of program necessities near meeting room
- Provide adequate refuse enclosure
- Replace outdated and deteriorated exterior drinking fountain with ADA compliant drinking fountain
- Replace non-compliant entry ramp at front entrance with ADA compliant ramp
- Improve exterior signage and lighting
- Complete renovation of men's and women's locker and toilet rooms

- Provide stage accessibility

ESTIMATED COST
FLEETWOOD-JOURDAIN
COMMUNITY CENTER
BUILDING: \$ 954,200

LADD ARBORETUM GAZEBO

Recommendation: Routine maintenance including:

- Replace roofing and flashing.
- Replace deteriorated wood trim.
- Routine paint/stain maintenance
- Routine caulking/sealant maintenance.
- Minor brick tuck-pointing and cleaning.
- Provide ADA accessibility

ESTIMATED COST
LADD ARBORETUM
GAZEBO: \$ 11,200

LADD ARBORETUM ECOLOGY CENTER BUILDING

Recommendation: Update various areas and routine maintenance, including:

- Plans for expansion already commenced.
- Remove outdated battery storage system and "rock box passage solar system."
- Disable windmill generating ability, but retain windmill as kinetic sculpture.
- Provide maintenance to windmill structure and surrounding enclosure.
- Routine maintenance of paint/stain.
- Routine maintenance of sealant/caulk.
- Update greenhouse enclosure and sloped glazing system.
- Clean and tuck-point existing masonry
- Provide compost enclosure area.
- Canal overlook not ADA accessible.

PARK IMPROVEMENTS AND COSTS

- Replace/update roof mounted sloped glazing system
- Replace deteriorated wood trim.
- Repair damaged drywall surfaces in main program room and storage room.
- Replace deteriorated wood finishes in greenhouse.
- Replace deteriorated floor tile in storage room.
- Provide permanent shelves and location for reference library

ESTIMATED COST
LADD ARBORETUM
ECOLOGY CENTER
BUILDING: \$ 269,800

LARIMER PARK SHELTER BUILDING

Recommendation: Restoration and ongoing maintenance, including:

- Improve lighting
- Re-roofing
- Replace rakes and fascias and miscellaneous trim
- Normal paint/stain and sealant maintenance
- Use lighter colors

ESTIMATED COST
LARIMER PARK SHELTER
BUILDING: \$ 23,800

LAWSON PARK SHELTER BUILDING

Recommendation: Regular routine maintenance, including:

- Improve lighting
- Cut back branches contracting roof
- Repair/replace miscellaneous trim and rafter ends.
- Paint/stain at all surfaces of structure and underside roof deck

ESTIMATED COST
LARSON PARK SHELTER
BUILDING: \$ 10,900

LEAHY PARK RESTROOM BUILDING

Recommendation: Regular routine maintenance, including;

- Adjust grade at building's southwest corner to slope away from structure
- Replace signage (ADA compliant)
- Normal paint/stain and sealant

ESTIMATED COST
LEAHY PARK RESTROOM
BUILDING: \$ 21,700

LIGHTHOUSE LANDING RESTROOM BUILDING

Recommendation: The restroom should be removed and replaced with a new restroom/entrance building to the Lighthouse Beach entrance.

The building should be designed to better serve both the park and as an entrance to the beach.

The building should provide for two restrooms, entrance control station, concession, utility and storage, and lifeguard office, and consist of approximately 2,300 square feet.

ESTIMATED COST
LIGHTHOUSE LANDING
RESTROOM BUILDING: \$ 706,400

LIGHTHOUSE LANDING PARK – NORTH BOILER BUILDING

Recommendation: Significant repair and maintenance, including:

PARK IMPROVEMENTS AND COSTS

- Replace metal roofing and gutter systems.
- Routine paint and sealant maintenance.
- Replace windows.
- Replace doors.
- Patch interior ceiling and wall damage due to previous roof leaks.
- Provide toilet room ventilation.
- Repair damaged finishes in toilet room due to previous plumbing leaks.
- Replace decayed exterior wood trim.
- Provide ADA compliant accessible route from parking lot and ADA compliant accessible route to terrace areas.
- Consider renovating exterior to a more historically accurate exterior appearance.

ESTIMATED COST
LIGHTHOUSE LANDING
PARK – NORTH BOILER
BUILDING: \$ 111,000

LIGHTHOUSE LANDING PARK – SOUTH BOILER BUILDING

Recommendation: Significant repair and
maintenance, including:

- Metal roofing and gutter systems are in poor condition.
- Paint and sealant maintenance in poor condition.
- Windows in poor condition.
- Doors in poor condition.
- Interior ceiling and wall damage due to previous roof leaks.
- Toilet room ventilation is poor.
- Damaged finishes in toilet room due to previous plumbing leaks.
- Decayed exterior wood trim.
- ADA compliant accessible route from parking lot and ADA compliant accessible route to terrace areas is lacking.
- Re-grading is required.
- Roofing and rainwater system is in poor condition.

- Clean and tuck-point, and paint existing masonry walls.
- Significant deteriorated wood trim at the exterior.
- Routine paint/stain.
- Routine caulking/sealant.
- Windows, doors, and overhead rolling shutters are inappropriate for the historic character of the building.
- Building is inaccessible based on ADA rules.
- Consider replacing cabinetry and millwork at the interior.
- Consider renovating exterior to a more historically accurate exterior appearance.

ESTIMATED COST
LIGHTHOUSE LANDING
PARK – SOUTH BOILER
BUILDING: \$ 187,700

LIGHTHOUSE LANDING PARK – GREENHOUSE BUILDING

Recommendation: Significant repair and
maintenance, including:

- Re-glaze and re-gasket greenhouse structure.
- Demolition of existing at the greenhouse structure at south side of main greenhouse.
- Clean and tuck-point stone.
- Repair/replace doors and thresholds.
- Repair/replace interior concrete slabs.
- Update growing tables.
- Update shelving area and potting tables.
- Update lighting.

ESTIMATED COST
LIGHTHOUSE LANDING
PARK – GREENHOUSE
BUILDING: \$ 95,800

LOVELACE PARK RESTROOM BUILDING

Recommendation: Regular routine maintenance, including:

- Repair/replace miscellaneous exterior wood trim.
- Stain/paint.
- Caulking/sealant.
- Minor patching/painting and repair of interior finishes and cabinetry.
- Routine maintenance of interior finishes at toilet rooms.
- Improve signage at toilet rooms.
- Improve lighting/electrical at toilet rooms.

ESTIMATED COST
LOVELACE PARK
RESTROOM BUILDING: \$ 48,600

MASON PARK RESTROOM COMMUNITY BUILDING

Recommendation: Regular routine maintenance, including:

- Consider concrete stain at exterior expose stone/concrete walls to unify appearance.
- Replace all exterior glazing.
- Replace exterior railings at ramp with ADA and code compliant railings.
- Clean/tuck-point masonry.
- Repair/replace miscellaneous exterior wood trim.
- Paint/stain.
- Caulking/sealant.
- Reseal interior concrete floor.
- Stain/paint interior to lighten and unify appearance.
- Improve lighting/electrical.
- Improve lighting and ventilation at toilet rooms.
- Replace missing toilet room accessories.

ESTIMATED COST
MASON PARK
RESTROOM COMMUNITY
BUILDING: \$ 72,700

SOUTH BOULEVARD BEACH RESTROOM BUILDING

Recommendation: The restroom should be removed and replaced with a new restroom/entrance building to the South Boulevard Beach entrance.

The building should be relocated to better serve both the park and as an entrance to the beach.

The building should provide for two restrooms, entrance control station, concession, utility and storage, and lifeguard office, and consist of approximately 2,300 square feet.

ESTIMATED COST
SOUTH BOULEVARD BEACH
RESTROOM BUILDING: \$ 552,000

TALLMADGE PARK - NOYES COMMUNITY CENTER BUILDING

Recommendation: Improvements and routine maintenance as follows:

- Consider replacing master key system with a keyless system.
- Expand administrative office areas.
- Doors and hardware are not ADA compliant.
- Provide ventilation at copy room.
- Repair roof leaks at actor's gymnasium.
- Routine paint/stain at actor's gymnasium.
- Theater toilet not accessible.
- Theater kitchen requires complete renovation.
- Theater box office currently resides in a closet provide space for additional box office space and concession sales.

PARK IMPROVEMENTS AND COSTS

- Replace existing second floor hall lighting, potentially with track lighting to utilize space as a gallery.
- One basement studio is not accessible.
- Provide permanent UPS delivery area.
- Provide foundation waterproofing at various areas.
- Improve facility entrance sequence.
- Improve facility telephone system to include voice mail.
- Provide administrative area with computer networking capabilities.
- Improve vending areas.
- Provide refuse enclosure.
- Repair entire existing exterior facade.
- Refinish existing wood floors of hallways.
- Consider replacing stair guardrails (spacings wider than current codes allow).
- Routine paint and plaster patching at interior.
- Provide proper closure for previously blocked up theater clerestory windows.

ESTIMATED COST
NOYES BUILDING: \$ 2,212,500

TWIGGS PARK SHELTER

Recommendation: Regular routine maintenance, including:

- Stain/paint

ESTIMATED COST
TWIGGS PARK
SHELTER: \$ 2,000

New Park Building and Site Improvements/Facilities

Based upon the park/recreation attitude and interest survey and community meetings, a number of new facilities are proposed as part of this Plan. These new facilities include the following:

FLEETWOOD JOURDAIN THEATER

As part of the Fleetwood-Jourdain Building, it is recommended that the building be expanded to accommodate a new Theater that would seat at least 150 persons. The Theater would provide a needed resource facility to better accommodate performing art programs.

ESTIMATED COST
FLEETWOOD-JOURDAIN
THEATER EXPANSION: \$ 5,796,000

MULTI-PURPOSE RECREATION BUILDING

The City has been investigating the development of a Multi-Purpose Recreation Building. Such a facility would provide a wide variety of indoor program space, which is extremely limited with existing facilities.

Two sites are being considered, James Park and Crown Community Center. It is recommended that the new Multi-Purpose Recreation Building be combined as a multi-purpose building with the reconstruction of the Crown Community Center.

ESTIMATED COST
MULTI-PURPOSE
RECREATION BUILDING: \$ 14,004,400

SOUTHEAST EVANSTON RECREATION BUILDING

The City has been investigating the development of a Multi-Purpose Recreation Building to serve the southeast area of the City. Such a facility would provide a wide variety of indoor program space, which is extremely limited with existing facilities, especially in southeast Evanston.

ESTIMATED COST
MULTI-PURPOSE
RECREATION BUILDING: \$ 9,916,500

INDOOR SWIMMING POOL

Evanston does not have either an outdoor or indoor swimming pool, except for the YMCA. The City should investigate the feasibility for an indoor swimming pool to serve the community.

ESTIMATED COST
INDOOR SWIMMING
POOL: \$ 8,736,000

SKATEBOARD PARK

Presently, the Department maintains a skateboard park on a seasonal basis on the east side of Crown Community Center. It is recommended that two new permanent skateboard parks be constructed in the community to better serve the teen age group.

ESTIMATED COST
PER SKATEBOARD PARK: \$ 172,500

PARK IMPROVEMENTS AND COSTS

SECTION 7 IMPLEMENTATION

To achieve the park improvements envisioned in the preceding section, the City of Evanston District will have to take numerous actions. Most efforts will require direct capital expenditure, while other efforts will require planning and cooperation with other organizations. Outlined below are action steps, for achieving plan objectives. Also discussed are alternative funding sources for capital improvements and enhanced park facilities. Finally, a capital improvement program is outlined which summarizes a ten year development plan for the parks and buildings.

Action Steps

The following steps outline actions the Park District should undertake within the next year to begin implementing the Comprehensive Facilities Master Plan. Steps are not listed in any particular order.

- If a bond referendum is to be the funding method for the recommended Capital Im-

IMPLEMENTATION

provement Program, then it is critical to gain the support of the Community. It will be important to “sell” the Plan to the public and to clearly explain the need and benefits of the Plan.

- Conduct focus group sessions with senior citizens and teens to evaluate program alternatives.
- Continue meeting with neighboring park districts, especially both the Lighthouse Park District and the Ridgeville Park District, to discuss opportunities for joint cooperation for outdoor facilities.
- Investigate the development of a “Friends of the Parks” program to assist the City in programs, activities, and special events.
- Establish a Citizen Advisory Committee to assist the Department with evaluating its programs, facilities, and activities

Alternative Funding Sources

The following list identifies some of the major sources the City might utilize to fund improvements to the park system.

GENERAL REVENUE

The simplest funding mechanism is to allocate funds from general revenue sources. However, capital improvements within the park system are often considered a low priority in comparison to other items and department needs funded through general revenue, such as police, fire protection, streets, etc. With the tax cap and local concern over property taxes, increased funding for capital improvements from general revenue will be minimal.

BONDS

The City, through a referendum, can issue bonds to fund capital improvements to the park system. Depending on the type of bond used and the amount of the bond, voter approval may be required. In order to pass a referendum, it will require extensive effort and public relations to sell the community on the need and benefits to raise taxes to pay for the improvements.

USER FEES

The City Department can and does assess fees for admission to certain facilities and programs. However, revenue collected from user fees for certain facilities may be sufficient to support those programs and facilities. Even under good conditions, market rate user fees do not cover operating costs for many facilities.

For some high-demand programs and activities, the Department may be able to charge a market-based fee that exceeds actual operating costs. The revenue surplus could be applied to other Department accounts to cover operating losses in other programs or to maintain and improve other facilities.

OSLAD/LWCF GRANTS

The State of Illinois Open Space Land Acquisition and Development (OSLAD) grant program, and the federal Land and Water Conservation Fund (LWCF) grant program are both administered by the Illinois Department of Natural Resources. Both programs provide a 50/50 cost sharing for park acquisition and development. Both programs are highly competitive, with only about one-half of total funds requested actually being granted. The State's OSLAD program is funded through a percentage of the Real Estate Transfer Tax.

Over \$20 million in funding is available annually to Illinois communities, park districts, and

forest preserves. Maximum reimbursement for approved development projects has been \$200,000, but in 2000 the maximum reimbursement amount was increased to \$400,000.

Natural areas, and recreational value projects are a high priority for funding through this program.

ILLINOIS BICYCLE PATH GRANT PROGRAM

Funded through a percentage of vehicle title registration fees, this program provides up to 50% funding assistance for acquisition and development of bike paths. Development projects are limited to \$200,000 per request, with no limit placed on acquisition projects.

The program encourages submission of plans that provide regional biking opportunities. This suggests potential for matching funds for the paths/trails along the Canal and possible linkages to both Skokie and Wilmette systems.

Coordination with the neighboring communities and the Cook County Forest Preserve District will provide the best opportunity for receiving funding under this program.

T-21 (Formerly ISTEA)

This federal program, called the Intermodal Surface Transportation Enhancement Act (ISTEA), requires that 10 percent of all Surface Transportation Funds must be used for "transportation enhancements." Enhancements include 10 specific activities. Those activities related to park and recreation improvements include development of bicycle and pedestrian facilities, acquisition of scenic easements and scenic or historic sites, and landscaping. Funds available for this program have been significant. However, most of the funds allocated to Illinois have been assigned to local projects. Additional fed-

eral funds are possible, but have not yet been appropriated. A 20 percent local match is required to receive funding under this program.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

Through the State Of Illinois Department of Commerce and Community Affairs, a number of grants and programs exist to assist communities in the acquisition of land and the development for recreation and open space. Grants and various programs should be investigated for possible matching funds.

CORPORATE SUPPORT

Larger corporations sometimes will donate funds for the construction of specific park facilities. Evanston does have a number of major corporations within its boundaries that should be approached to assist in sponsoring programs and park improvements. Corporate support should be considered for high visibility projects such as the Lakefront Parks, James Park, and Crown. Any park foundation, which may be established, should focus considerable efforts on obtaining corporate support.

COMMUNITY ORGANIZATIONS

Groups such as Rotary (with their headquarters in Evanston) often support community-oriented projects such as park improvements. It is best to approach these groups with a specific, identifiable projects, such as a playground or picnic shelter.

PARK FOUNDATION

Many communities establish a non-profit park foundation to raise money for park improvements. The secret to the success of this type of

organization is leadership ... finding someone in the community who strongly believes in improving park facilities and is dedicated to this goal.

In Evanston, the potential for developing a "Friends of the Parks" group should be explored that can assist the City in the future. This group could be instrumental in raising funds for the renovation of many parks. Given the magnitude of improvements outlined in this Plan, a "Friends of the Parks" organization may be critical to achieving the park system envisioned by this Strategic Plan.

MEMORIAL/DONATIONS

Many communities raise funds for park improvements through special commemorative or donations programs. Costs for key improvements are identified, and a donation is sought from both individuals and corporations.

Acknowledgment of a donation can take a number of different forms, depending on the magnitude of the donation and the policies established by the Department. In many cases, recognition through the newsletter and/or on a plaque at the Community Center buildings is sufficient. In some instances, a plaque or other acknowledgment may be placed near the item. This type of program works well for landscape improvements, benches, bricks, and other items, which can be sold for relatively low dollar amounts.

Capital Improvement Program

Based on priorities established in the Needs Assessment and the condition of existing facilities summarized in the Inventory Resources, a prioritized list of capital improvements has been developed. This list is based on a number of assumptions, including:

1. The Annual Capital Improvement Budget for the Department has been averaging between \$1,000,000 to \$2,000,000 for the past several years, with the extent of improvements identified, it will be necessary to raise funds through a bond referendum, grants, and sponsorships in order to adequately implement the Plan.
2. 2000 costs for materials and installation (a 3% inflation factor was applied).
3. The Capital Improvement Program has been prioritized over a ten-year time frame, however, projects can be extended over a longer period, such as fifteen years.
4. Priority of improvements have been determined based upon the following criteria:
 - a. Length of time since the last improvements have been made to the park.
 - b. Issues of safety, such as playgrounds not meeting CPSC safety guidelines.
 - c. Need to meet ADA (Americans with Disabilities Act) requirements and standards.
 - d. Age and conditions of facilities.
 - e. Maximize the use of facilities by users.
 - f. Level or degree of use by the public.
 - g. The number of facilities available to the public.

It is recognized that needs and priorities change over time. This Capital Improvement Program should be reviewed annually to ensure that it is

consistent with Department priorities and available funding.

The Capital Improvement Program was derived from the Recommended Park Site Improvements, Park Building Improvements, and New Buildings/Facilities developed in Section 6. These recommendations itemize improvements proposed for each of the parks and buildings maintained and operated by the Department. The aggregate cost of effecting these improvements is over \$82,000,000, and when inflation is added over a 10-year time frame, the total cost of improvements exceeds \$90,000,000. At the average budgeted amount of \$1,500,000 per year for non-maintenance capital improvements, the total improvement program would take 60 years. This fact highlights the need for the City to aggressively pursue additional funding sources such as a referendum, grants, foundations, and cooperative efforts with other governmental units.

In addition to these identified capital improvements, the Park District will need to maintain and/or expand the existing budget for operating capital expenses. This separate budget is allocated toward routine replacement and maintenance items.

Table 25 identifies the proposed Capital Improvement Program. Each Park is listed in alphabetical order with the major categories of improvements recommended and the year(s) when improvements are to be implemented. Improvement costs have been broken down into two categories for each improvement project category – costs for planning, design engineering, survey and testing, and costs for construction. Generally, planning/design/engineering costs have been identified for the first year, with construction occurring during the second year of a project. For several large projects, such as the proposed Multi-purpose Recreation Center and Crown Community Center, project costs have been spread over a three-year period. On page xxx of the Program, a summary table of Total Site/Building Develop-

ment Costs by year without inflation and with a 3% inflation factor added is provided.

Figures 113 through 122 illustrate the park improvement projects (sites and buildings) for each year of the 10-year program.

IMPLEMENTATION

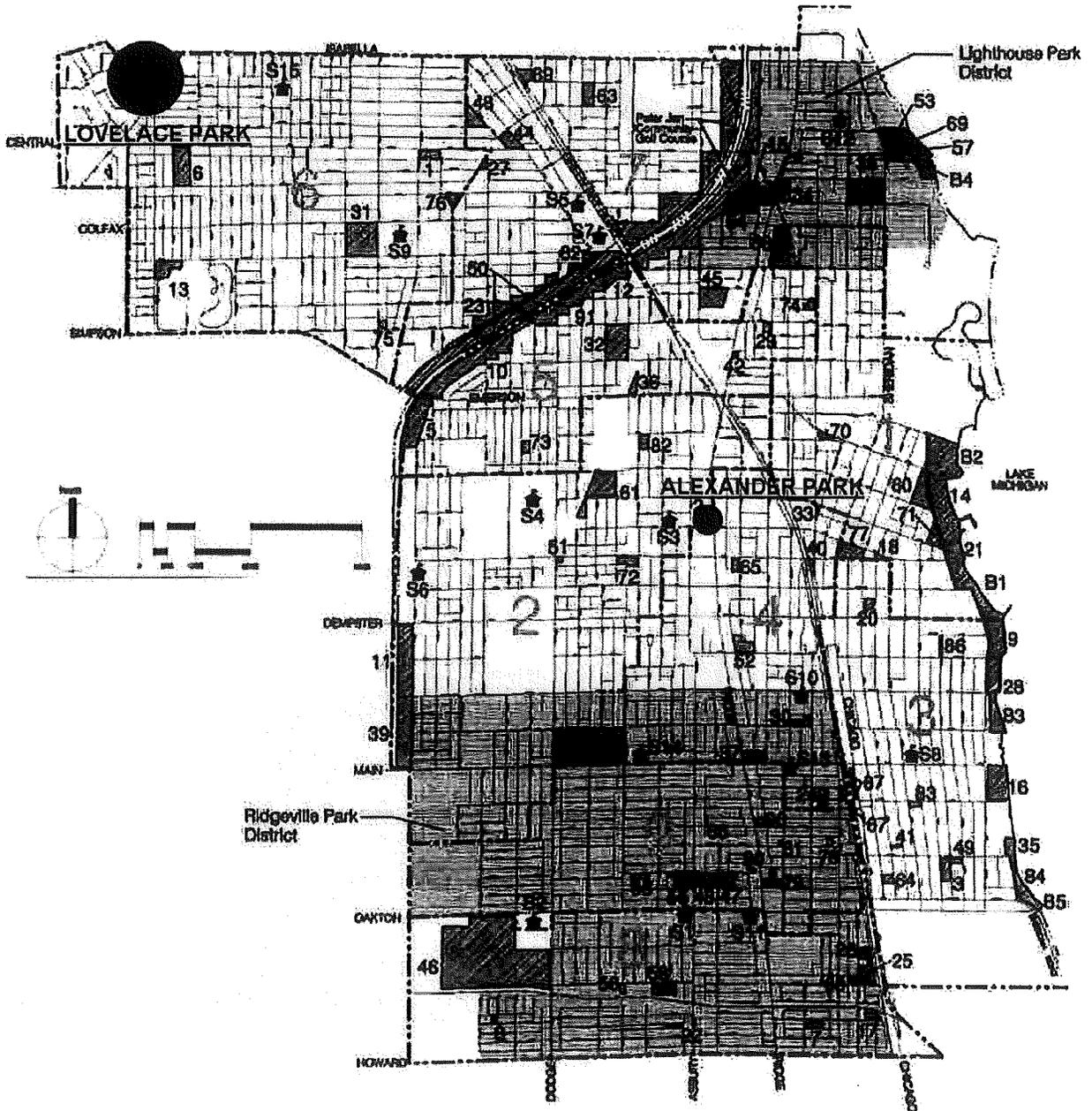


Figure 113: Capital Improvement Program – Year 1 Park Improvements

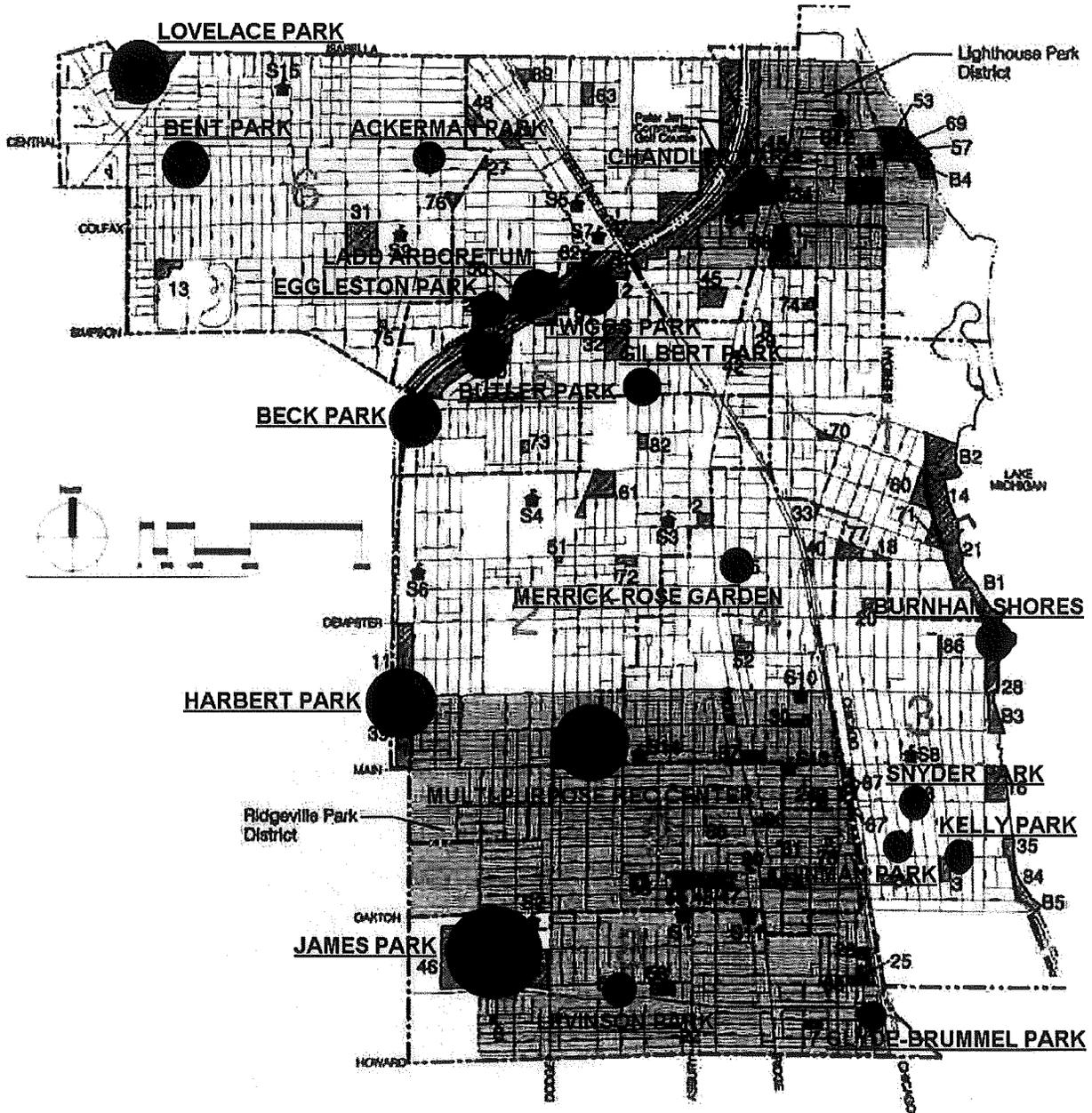


Figure 114: Capital Improvement Program – Year 2 Park Improvements

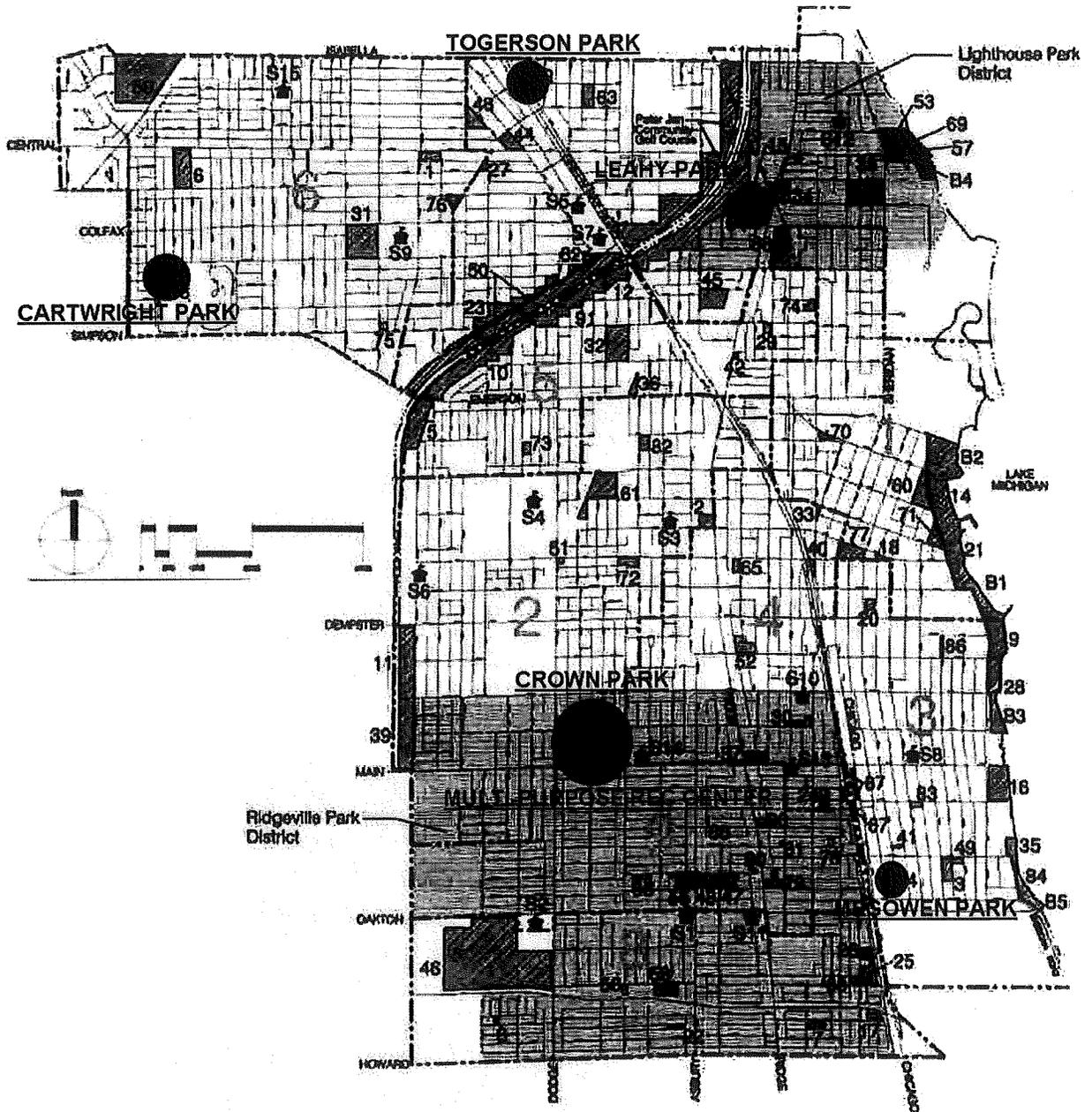


Figure 115: Capital Improvement Program – Year 3 Park Improvements

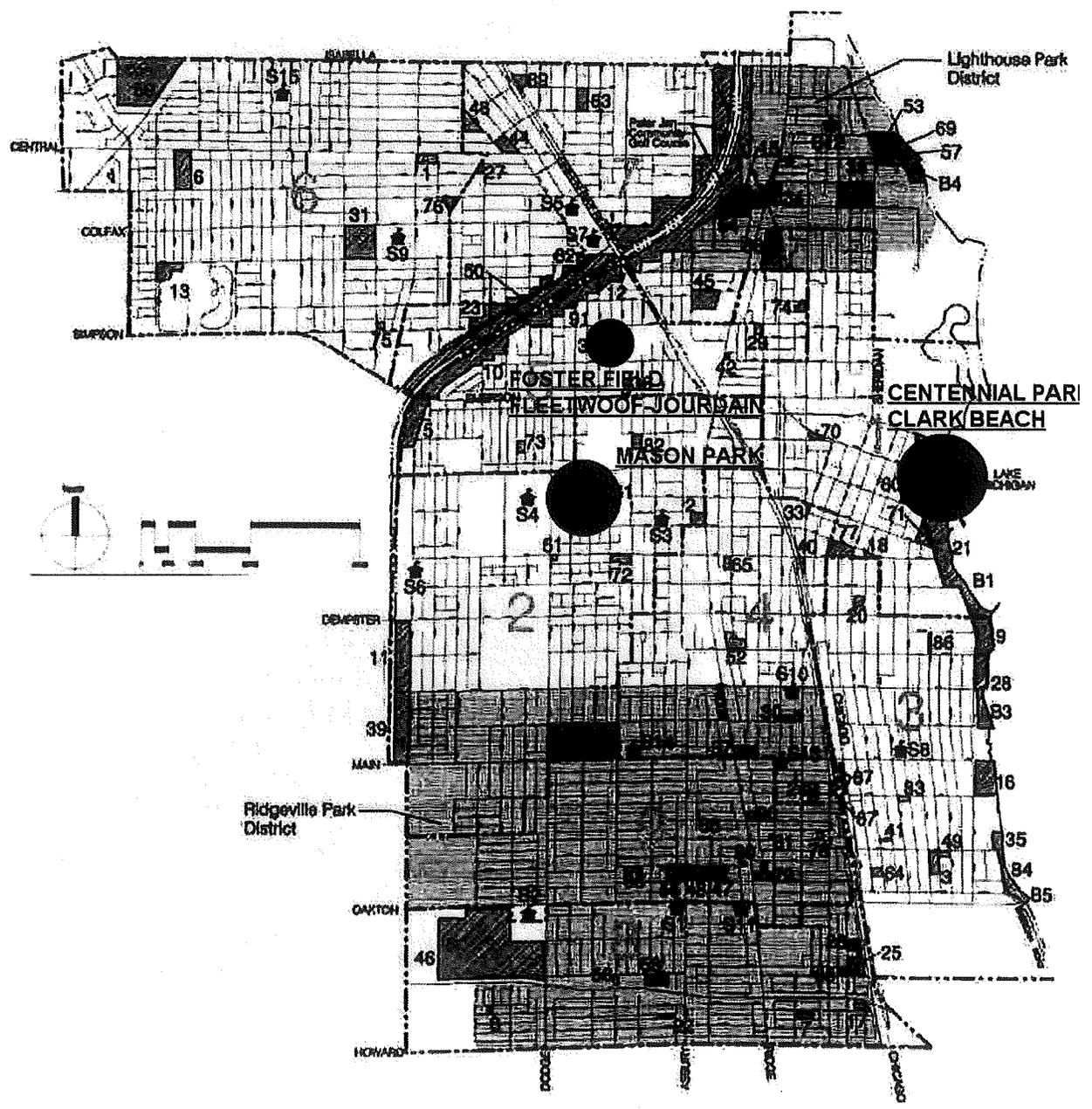


Figure 116: Capital Improvement Program – Year 4 Park Improvements

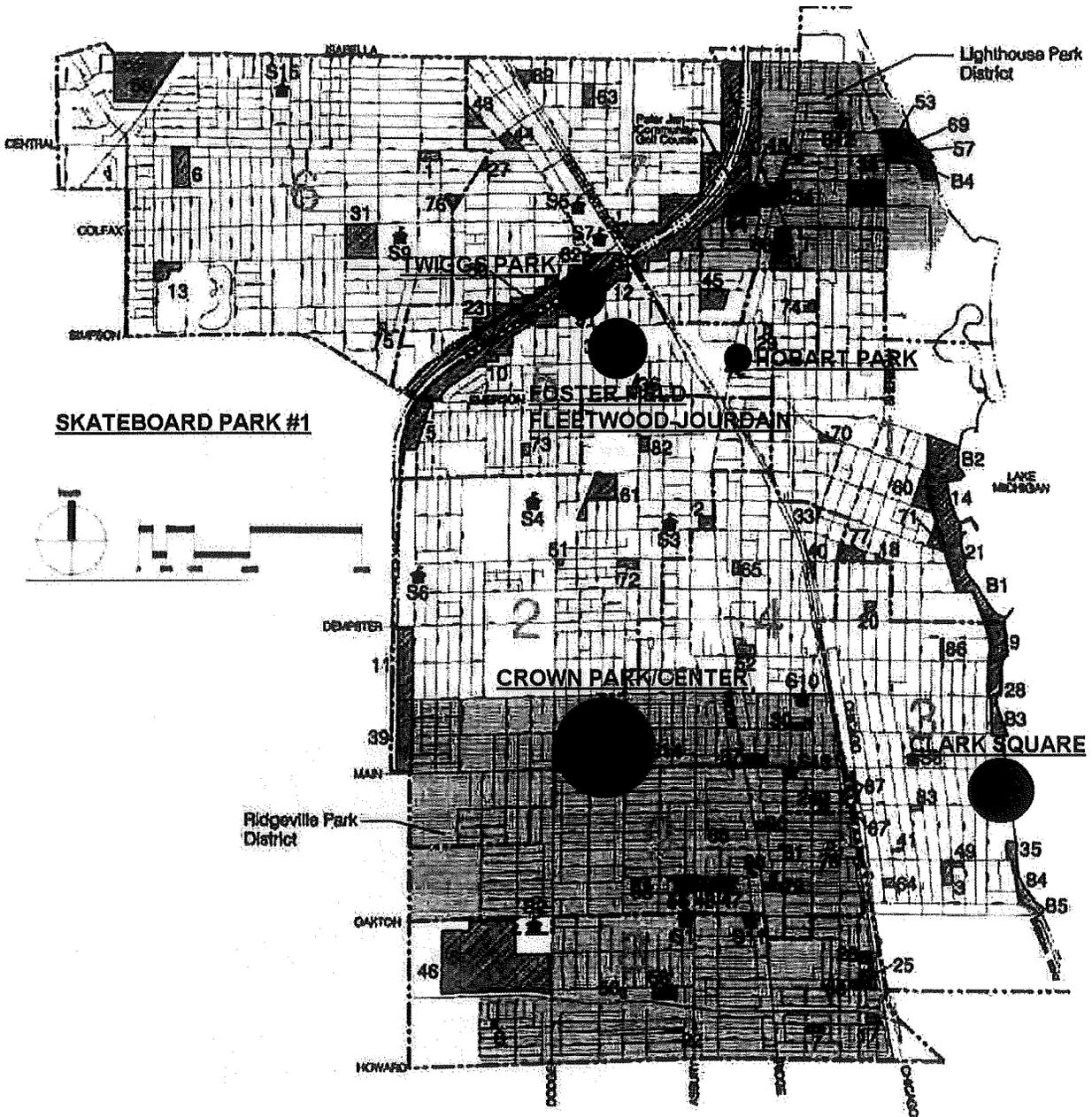


Figure 117: Capital Improvement Program – Year 5 Park Improvements

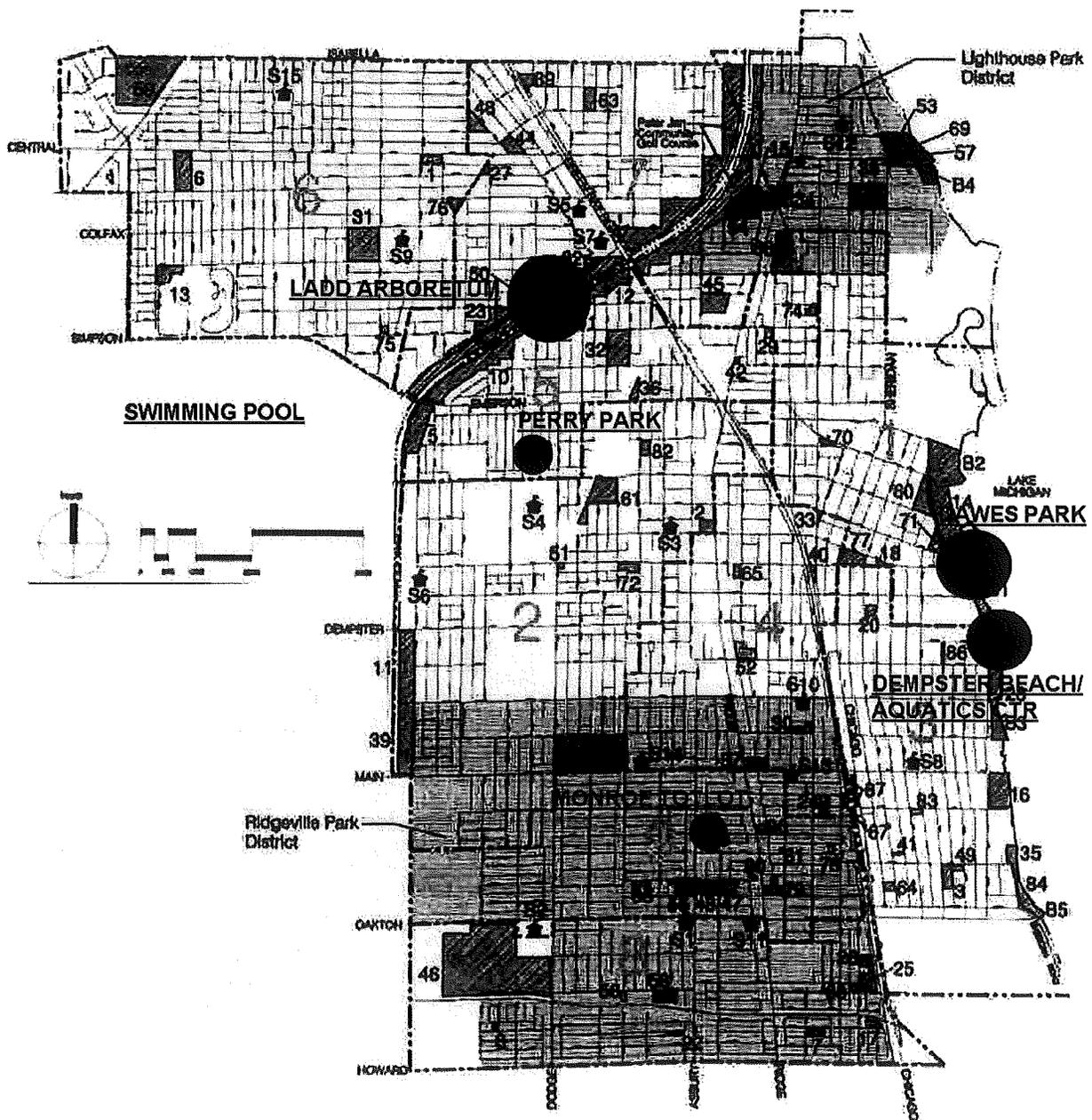


Figure 118: Capital Improvement Program – Year 6 Park Improvements

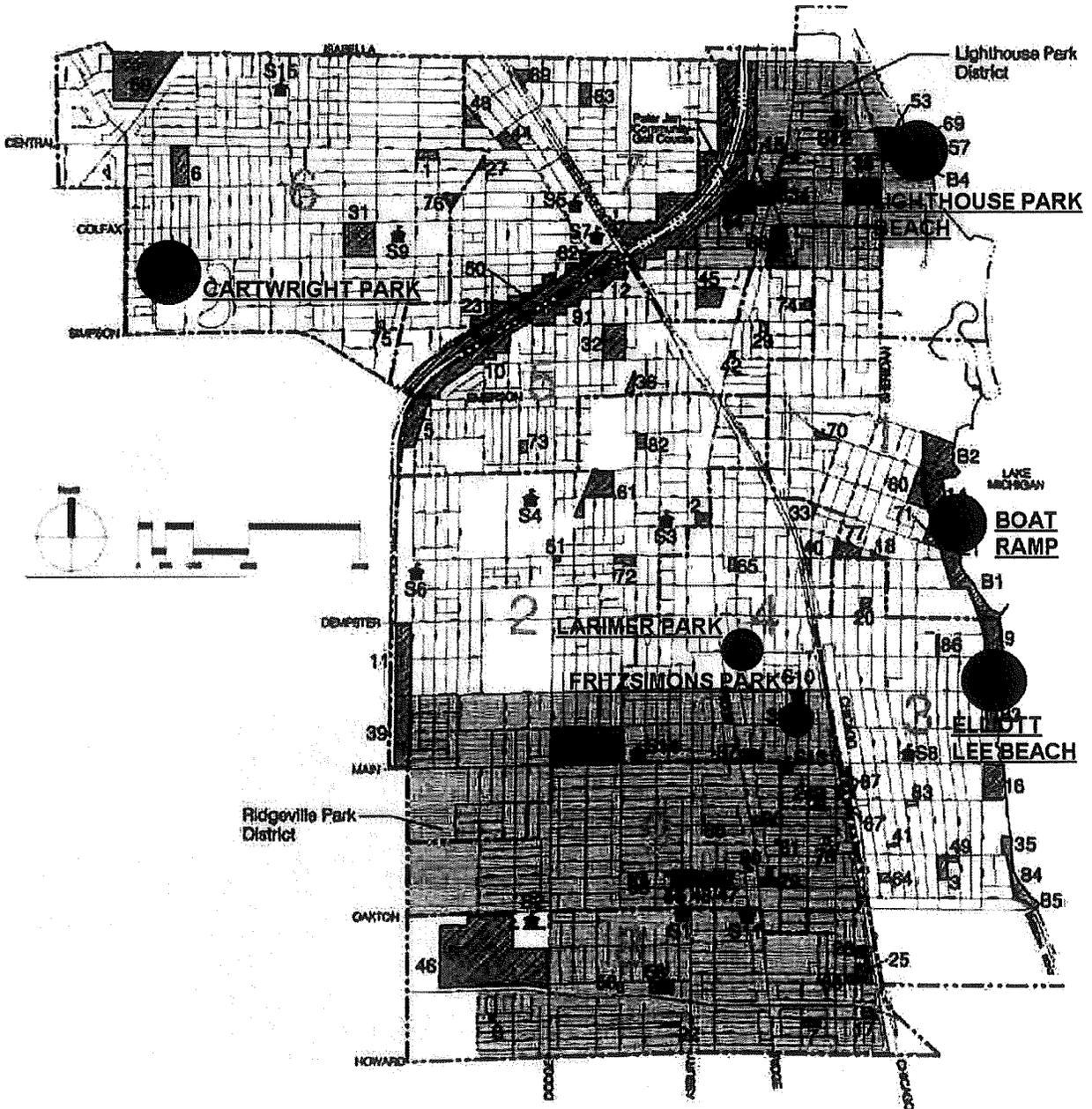


Figure 119: Capital Improvement Program – Year 7 Park Improvements

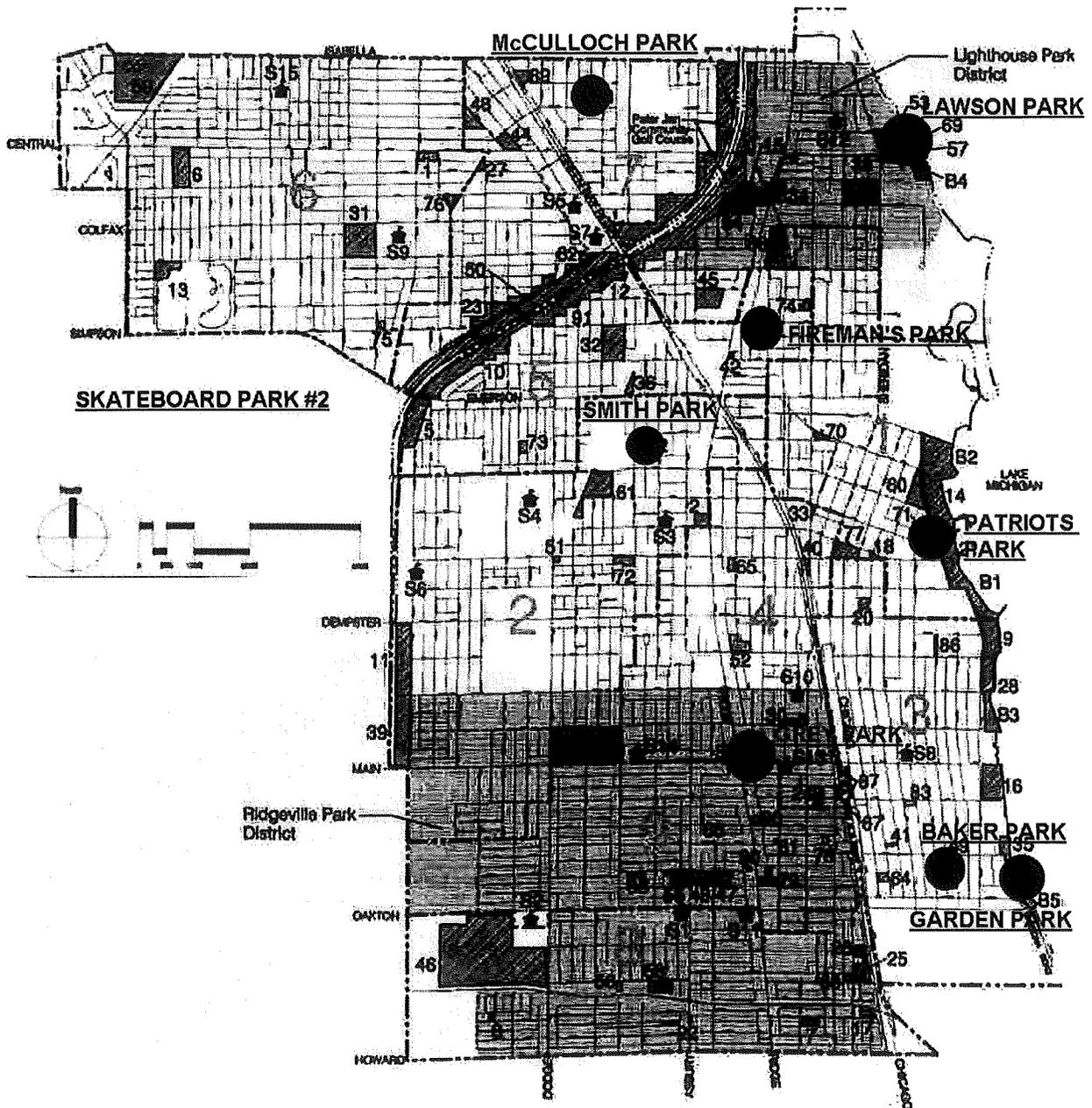


Figure 120: Capital Improvement Program – Year 8 Park Improvements

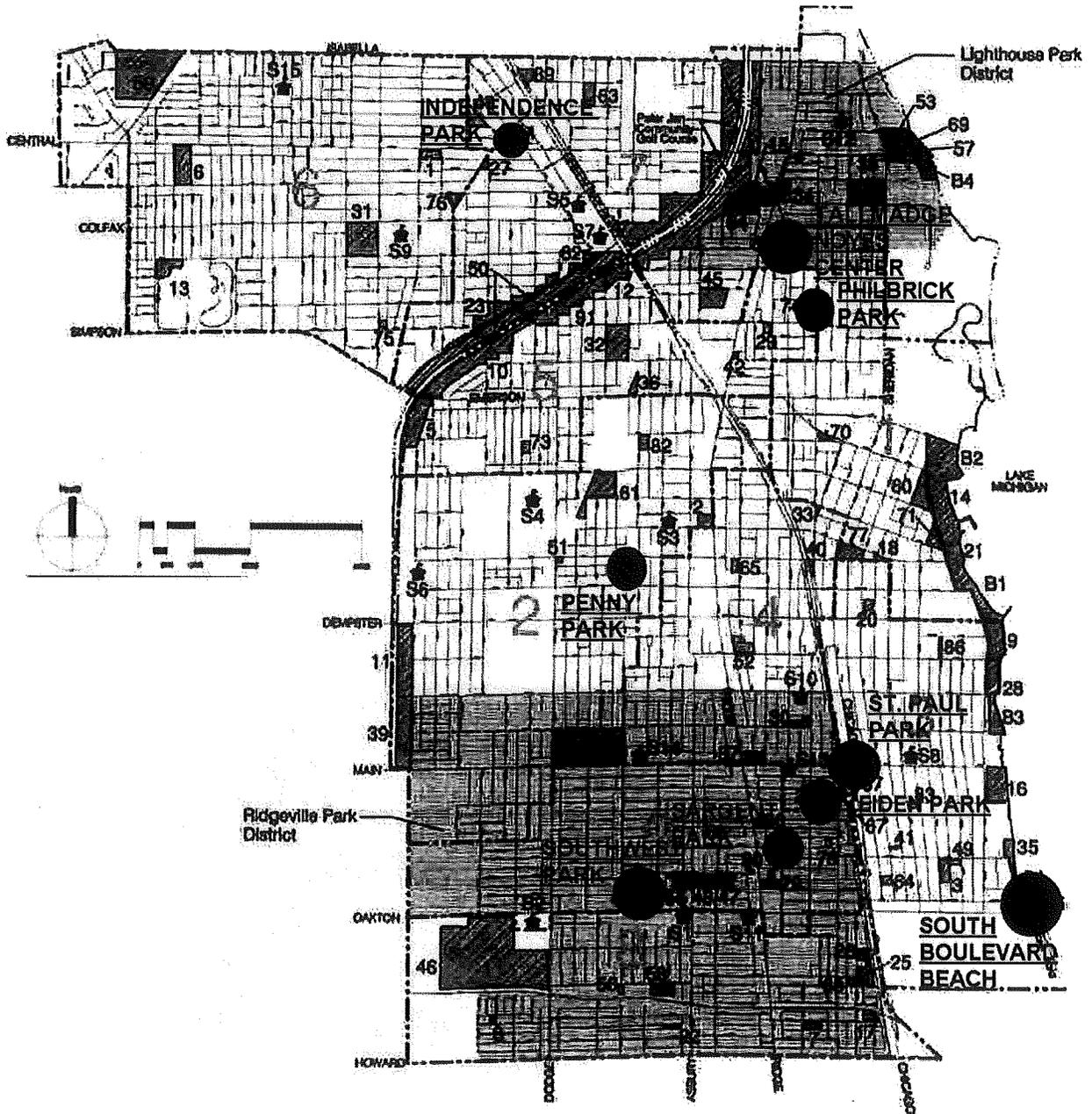


Figure 121: Capital Improvement Program – Year 9 Park Improvements

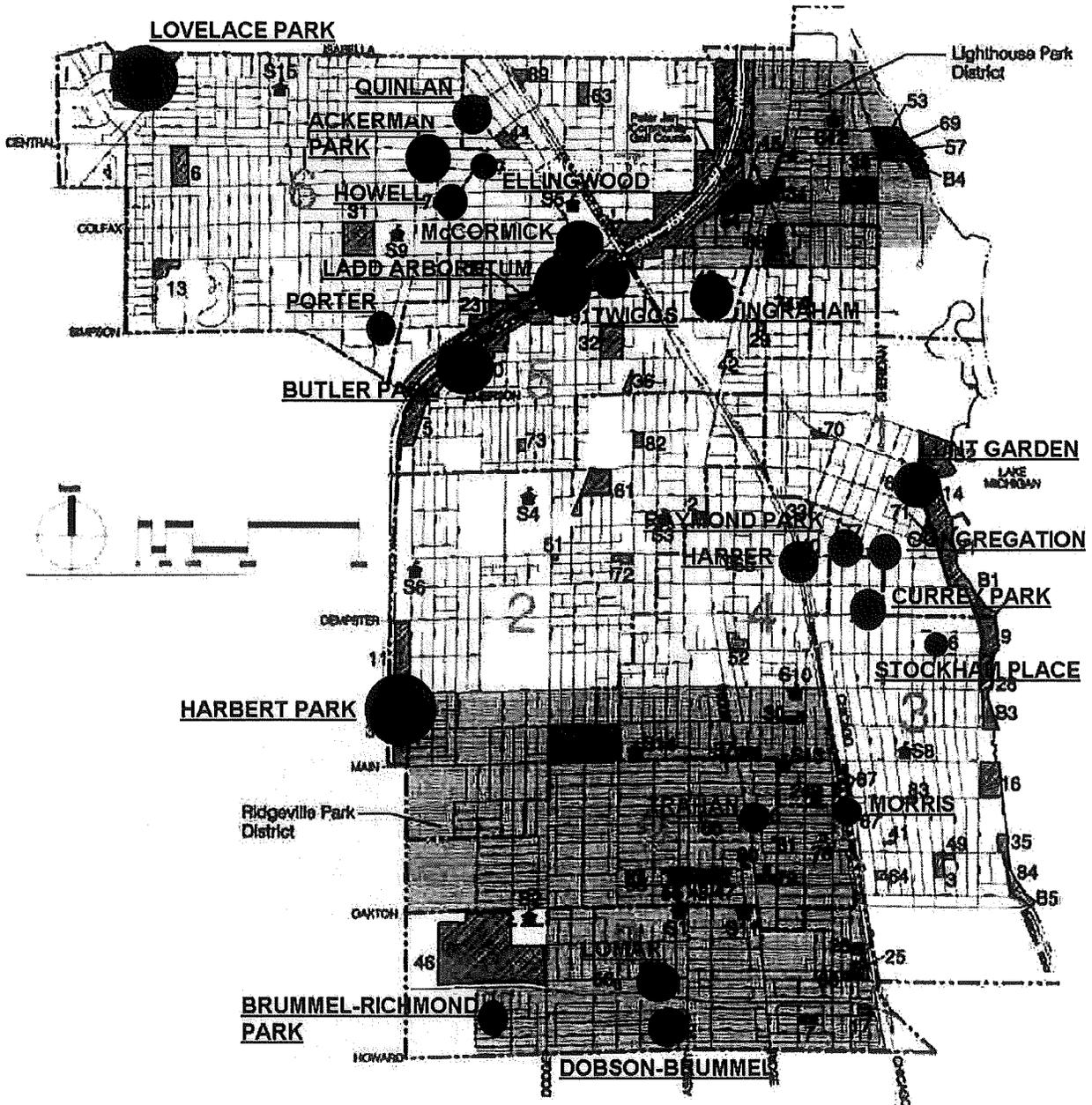


Figure 122: Capital Improvement Program – Year 10 Park Improvements

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
ACKERMAN PARK											
Miscellaneous	6,000	700	5,300								
Grading/Drainage	28,800	3,300	25,500								
Pavements	13,600	1,600	12,000								
Tennis Courts	147,300	17,000	130,300								
Tennis Lighting	44,200	5,700	39,100								
Site Furnishings	17,300								2,000	15,300	
Landscape	15,200								1,800	13,400	
TOTAL SITE	\$272,400	\$27,700	\$212,200						\$3,800	\$28,700	
Building/Restroom	298,100	38,900	259,200								
TOTAL BUILDING	\$298,100	\$38,900	\$259,200								
TOTAL SITE/BUILDING	\$570,500	\$66,600	\$471,400						\$3,800	\$28,700	
ALEXANDER PARK											
Miscellaneous	6,000	5,300									
Electrical/Lighting	41,400	36,600									
		4,800									
Pavements	33,300	29,400									
		3,900									
Playground	214,500	189,800									
		24,700									
Fencing	21,100	18,700									
		2,400									
Site Furnishings	49,400	43,700									
		5,700									
Landscape	13,800	12,200									
		1,600									
TOTAL SITE	\$379,500	\$335,700									
		\$43,800									
FUNDED and/or BUDGETED	-\$180,000	-\$180,000									
PROJECT COSTS	\$199,500	\$199,500									

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
BAKER PARK											
Miscellaneous	7,000							800	6,200		
Grading/Drainage/Utilities	50,100							5,800	44,300		
Pavements	19,300							2,200	17,100		
Athletic Fields	26,800							3,100	23,700		
Basketball Courts	34,600							4,000	30,600		
Playgrounds	214,500							24,700	189,800		
Site Furnishings	37,000							4,300	32,700		
Fencing	16,100							1,900	14,200		
Landscape	25,000							2,900	22,100		
TOTAL SITE	\$430,400							\$49,700	\$380,700		
Building/Restroom	281,500							36,700	244,800		
TOTAL BUILDING	\$281,500							\$36,700	\$244,800		
TOTAL SITE/BUILDING	\$711,900							\$86,400	\$625,500		
BECK PARK											
Miscellaneous	9,000	1,000	8,000								
Grading/Drainage/Utilities	54,600	6,300	48,300								
Electrical/Lighting	90,400	10,400	80,000								
Pavements	44,200	5,100	39,100								
Playgrounds	252,100	29,000	223,100								
Fencing	39,600									4,600	35,000
Site Furnishings	135,300	15,600	119,700								
Landscape	25,700	3,000	22,700								
TOTAL SITE	\$650,900	\$70,400	\$540,900							\$4,600	\$35,000
FUNDED and/or BUDGETED	-\$195,000									-\$195,000	
PROJECT COSTS	\$455,900	\$70,400	\$345,900								
BENT PARK											
Miscellaneous	8,600	1,000	7,600								
Grading/Drainage/Utilities	52,300	6,000	46,300								
Electrical/Lighting	25,800	3,000	22,800								
Pavements	20,000	2,300	17,700								
Tennis Courts	69,300	8,000	61,300								

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
BENT PARK (cont'd)											
Tennis Courts Lighting	44,200	5,100	39,100								
Basketball Courts	23,400	2,700	20,700								
Soccer/Irrigation	47,600	5,500	42,100								
Site Furnishings	49,000	5,600	43,400								
Landscape	28,900	3,300	25,600								
TOTAL SITE	\$369,100	\$42,500	\$326,600								
Building/Restroom	317,400	41,400	276,000								
TOTAL BUILDING	\$317,400	\$41,400	\$276,000								
TOTAL SITE/BUILDING	\$686,500	\$83,900	\$602,600								
FUNDED and/or BUDGETED	-\$71,000		-\$71,000								
PROJECT COSTS	\$615,500	\$83,900	\$531,600								
BOAT RAMP											
Miscellaneous	9,000					1,000	8,000				
Pavements	218,000					25,100	192,900				
Breakwater	194,900					22,400	172,500				
Fencing	24,700					2,800	21,900				
Site Furnishings	5,200					600	4,600				
TOTAL SITE	\$451,800					\$51,900	\$399,900				
BRUMMEL-RICHMOND TOTLOT											
Miscellaneous	5,000							600		4,400	
Pavements	3,300							400		2,900	
Fencing	2,900							400		2,500	
Site Furnishings	13,900							1,600		12,300	
Landscape	700							100		600	
TOTAL SITE	\$25,800							\$3,100		\$22,700	
BURNHAM SHORES PARK											
Miscellaneous	9,200	1,100	8,100								
Grading/Drainage/Utilities	45,100	5,200	39,900								
Electrical Lighting	76,800	8,800	68,000								
Pavements	86,200	9,900	76,300								

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR								
		1	2	3	4	5	6	7	8	9
000/\$000 Project Construction Costs with Mobilization & Contingency										
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs										
BURNHAM SHORES PARK (cont'd)										
Playgrounds	238,400	27,400	211,000							
Volleyball Courts	8,100	900	7,200							
Tennis Courts	133,200	15,300	117,900							
Tennis Courts Lighting	44,200	5,100	39,100							
Site Furnishings	91,800	10,600	81,200							
Landscape	29,300	3,400	25,900							
TOTAL SITE	\$762,300	\$87,700	\$674,600							
FUNDED and/or BUDGETED	-\$215,000		-\$215,000							
PROJECT COSTS	\$547,300	\$87,700	\$459,600							
BUTLER PARK										
Miscellaneous	9,200	1,100	8,100							
Grading/Drainage/Utilities	45,800	5,300	40,500							
Electrical/Lighting	185,900	21,400	164,500							
Pavements	86,600	10,000	76,600							
Playgrounds	249,000	28,700	220,300						11,500	88,300
Fencing	99,800									
Site Furnishings	191,600	22,000	169,600							
Landscape	38,900	4,500	34,400							
TOTAL SITE	\$906,800	\$93,000	\$714,000						\$11,500	\$88,300
CARTWRIGHT PARK										
Miscellaneous	7,000					800	6,200			
Grading/Drainage/Utilities	36,000					4,100	31,900			
Electrical/Lighting	43,000					5,000	38,000			
Pavements	41,200					4,700	36,500			
Playgrounds	225,100					25,900	199,200			
Basketball Courts	26,700									23,600
Fencing	12,900								1,500	11,400
Tennis Courts	76,700								8,800	67,900
Tennis Courts Lighting	44,200								5,100	39,100
Site Furnishings	28,600								3,300	25,300
Landscape	21,400								2,500	18,900
TOTAL SITE	\$562,800		\$17,000	\$130,600		\$47,800	\$367,400			

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
CARTWRIGHT PARK (cont'd)											
Gazebo	5,400			5,400							
TOTAL BUILDING	\$5,400			\$5,400							
TOTAL SITE/BUILDING	\$568,200	\$17,000	\$136,000			\$47,800	\$367,400				
CENTENNIAL PARK - CLARK STREET BEACH											
Miscellaneous	9,200		1,100	8,100							
Electrical Lighting	105,800		12,200	93,600							
Pavements	146,000		16,800	129,200							
Fencing	63,700		7,300	56,400							
Site Furnishings	113,600		13,100	100,500							
Landscape	40,000		4,600	35,400							
TOTAL SITE	\$478,300		\$55,100	\$423,200							
Building/Restroom	552,000		72,000	480,000							
TOTAL BUILDING	\$552,000		\$72,000	\$480,000							
TOTAL SITE/BUILDING	\$1,030,300		\$127,100	\$903,200							
CHANDLER PARK - COMMUNITY CENTER BUILDING											
Miscellaneous	9,200	1,100	8,100								
Grading/Drainage/Utilities	44,400	5,100	39,300								
Electrical/Lighting	96,700	11,100	85,600								
Pavements	226,000	26,000	200,000								
Basketball Courts	24,400	2,800	21,600								
Fencing	57,500	6,600	50,900								
Site Furnishings	45,200	5,200	40,000								
Landscape	35,600	4,100	31,500								
TOTAL SITE	\$539,000	\$62,000	\$477,000								
Community Ctr/Renovation	\$268,700	\$24,400	\$244,300								
TOTAL BUILDING	\$268,700	\$24,400	\$244,300								
TOTAL SITE/BUILDING	\$807,700	\$86,400	\$721,300								

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
CLARK SQUARE											
Miscellaneous	7,000				800					6,200	
Electrical/Lighting	76,000				8,700					67,300	
Pavements	52,200				6,000					46,200	
Site Furnishings	59,000				6,800					52,200	
Landscape	24,700				2,800					21,900	
TOTAL SITE	\$218,900				\$25,100					\$193,800	
CLYDE-BRUMMEL PARK											
Miscellaneous	6,000	700			5,300						
Grading/Drainage/Utilities	29,400	3,400			26,000						
Electrical/Lighting	58,600	6,800			51,800						
Pavements	19,000	2,200			16,800						
Playgrounds	211,000	24,300			186,700						
Basketball Courts	30,500	3,500			27,000						
Fencing	3,000	400			2,600						
Site Furnishings	27,600	3,200			24,400						
Landscape	21,200	2,400			18,800						
Park Land Expansion											
TOTAL SITE	\$406,300	\$46,900			\$359,400						
CONGREGATION PARK											
Pavements	2,800									300	2,500
Landscape	6,000									700	5,300
TOTAL SITE	\$8,800									\$1,000	\$7,800
CROWN PARK											
Miscellaneous	16,400				1,900					14,500	
Grading/Drainage/Utilities	244,600				28,100					216,500	
Electrical/Lighting	131,000				15,100					115,900	
Pavements	662,200				76,200					586,000	
Athletic Fields	73,700				8,500					65,200	
Fencing	54,000				6,200					47,800	
Tennis Courts	213,800				24,600					189,200	
Tennis Court Lighting	59,800				6,900					52,900	
Site Furnishings	90,700				10,400					80,300	
Landscape	58,000				6,700					51,300	

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
CROWN PARK (cont'd)											
TOTAL SITE	\$1,604,200		\$31,500	\$242,100	\$153,100	\$1,177,500					
Building Replacement	9,979,200				907,200	9,072,000					
TOTAL BUILDING	\$9,979,200				\$907,200	\$9,072,000					
TOTAL SITE/BUILDING	\$11,583,400		\$31,500	\$242,100	\$1,060,300	\$10,249,500					
CURREY PARK											
Miscellaneous	5,000									600	4,400
Grading/Drainage/Utilities	26,800									3,100	23,700
Basketball Courts	5,700									700	5,000
Fencing	5,500									600	4,900
Site Furnishings	7,100									800	6,300
Landscape	8,800									1,000	7,800
TOTAL SITE	\$58,900									\$6,800	\$52,100
DAWES PARK											
Miscellaneous	6,000					700					5,300
Electrical/Lighting	206,500					23,800					182,700
Pavements	322,000					37,000					285,000
Site Furnishings	111,000					12,800					98,200
Fencing	57,200					6,600					50,600
Ice Rink	427,700					49,200					378,500
Landscape	46,700					5,400					41,300
TOTAL SITE	\$1,177,100					\$135,500				\$1,041,600	
Restroom/Building	546,500					71,500					475,000
Restroom/Shelter Bldg	62,200					0					62,200
TOTAL BUILDING	\$608,700					\$71,500				\$537,400	
TOTAL SITE/BUILDING	\$1,785,800					\$206,800				\$1,579,000	
DEMPSTER BEACH - AQUATICS BUILDING											
Miscellaneous	6,000					700					5,300
Electrical/Lighting	36,400					4,200					32,200
Pavements	86,700					10,000					76,700
Fencing	30,200					3,500					26,700
Site Furnishings	13,700					1,600					12,100

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
DEMPSTER BEACH - AQUATICS BUILDING (cont'd)											
Landscape	12,400					1,400	11,000				
TOTAL SITE	\$185,400					\$21,400	\$164,000				
Building	1,048,800					136,800	912,000				
TOTAL BUILDING	\$1,048,800					\$136,800	\$912,000				
TOTAL SITE/BUILDING	\$1,234,200					\$158,200	\$1,076,000				
DOBSON-BRUMMEL PARK											
Pavements	800									100	700
Fencing	28,000									3,200	24,800
Site Furnishings	5,900									700	5,200
Landscape	10,100									1,200	8,900
TOTAL SITE	\$44,800									\$5,200	\$39,600
Shelter Structure	400									0	400
TOTAL BUILDING	\$400									\$0	\$400
TOTAL SITE/BUILDING	\$45,200									\$5,200	\$40,000
EGGESTON PARK											
Miscellaneous	18,000	2,100	15,900								
Grading/Drainage/Utilities	42,700	4,900	37,800								
Electrical/Lighting	27,600	3,200	24,400								
Pavements	34,000	3,900	30,100								
Playgrounds	213,100	24,500	188,600								
Basketball Courts	13,600	1,600	12,000								
Site Furnishings	43,500	5,000	38,500								
Site Development	65,000	7,500	57,500								
Fencing	24,400	2,800	21,600								
Landscape	20,000	2,300	17,700								
TOTAL SITE	\$501,900	\$57,800	\$444,100								
EIDEN PARK											
Miscellaneous	5,000						600			4,400	
Grading/Drainage/Utilities	22,100						2,500			19,600	
Pavements	22,800						2,600			20,200	
Playgrounds	209,800						24,100			185,700	

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
EIDEN PARK (cont'd)											
Fencing	8,100								900	7,200	
Site Furnishings	50,200								5,800	44,400	
Landscape	18,100								2,100	16,000	
TOTAL SITE	\$336,100								\$38,600	\$297,500	
ELLINGWOOD PARK											
Fencing	12,900									1,500	11,400
Site Furnishings	5,200									600	4,600
Landscape	7,200									800	6,400
TOTAL SITE	\$25,300									\$2,900	\$22,400
ELLIOTT PARK/LEE STREET BEACH											
Miscellaneous	11,200						1,300	9,900			
Electrical/Lighting	56,600						6,500	50,100			
Pavements	144,100						16,600	127,500			
Site Furnishings	123,100						14,200	108,900			
Fencing	55,100						6,300	48,800			
Landscape	34,400						4,000	30,400			
TOTAL SITE	424,500						48,900	375,600			
Restroom/Building	535,400						69,800	465,600			
TOTAL BUILDING	\$535,400						\$69,800	\$465,600			
TOTAL SITE/BUILDING	\$959,900						\$118,700	\$841,200			
FIREMAN'S PARK											
Miscellaneous	2,800							300	2,500		
Pavements	6,200							700	5,500		
Playgrounds	110,900							12,800	98,100		
Fencing	23,300							2,700	20,600		
Site Furnishings	41,300							4,800	36,500		
Landscape	19,600							2,300	17,300		
TOTAL SITE	\$204,100							\$23,600	\$180,500		
FITZSIMONS PARK											
Miscellaneous	6,000						700	5,300			
Fencing	12,900						1,500	11,400			

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
FITZSIMONS PARK (cont'd)											
Tennis Courts	133,600						15,400	118,200			
Tennis Court Lighting	44,200						5,100	39,100			
Site Furnishings	19,900						2,300	17,600			
Landscape	10,500						1,200	9,300			
TOTAL SITE	\$227,100						\$26,200	\$200,900			
FOSTER FIELD - FLEETWOOD-JOURDAIN COMMUNITY CENTER											
Miscellaneous	9,200			1,100	8,100						
Grading/Drainage	65,900			7,600	58,300						
Irrigation	54,600			6,300	48,300						
Electrical/Lighting	63,100			7,300	55,800						
Pavements	89,700			10,300	79,400						
Playgrounds	211,200				24,300	186,900					
Athletic Fields	160,900			18,500	142,400						
Basketball Courts	15,600			1,800	13,800						
Fencing	11,200			1,300	9,900						
Tennis Courts	86,400			10,000	76,400						
Tennis Court Lights	44,200			5,100	39,100						
Site Furnishings	43,400				5,000	38,400					
Sculpture Garden	519,800				59,800	460,000					
Landscape	20,300				2,300	18,000					
TOTAL SITE	\$1,395,500			\$68,000	\$521,600	\$713,200					
Building Renovation	\$954,200			\$124,500	\$829,700						
Theater Expansion	\$5,796,000			\$756,000	\$5,040,000						
TOTAL BUILDING	\$6,750,200			\$880,500	\$5,869,700						
TOTAL SITE/BUILDING	\$8,145,700			\$948,500	\$6,484,000	\$713,200					
FUNDED and/or BUDGETED	-\$200,000				-\$200,000						
PROJECT COSTS	\$7,945,700			\$948,500	\$6,284,000	\$713,200					
GARDEN PARK											
Miscellaneous	6,000						700	5,300			
Electrical/Lighting	34,100						3,900	30,200			

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
GARDEN PARK (cont'd)											
Pavements	17,200							2,000	15,200		
Playgrounds	124,800						14,400	110,400			
Fencing	1,400						200	1,200			
Site Furnishings	60,000						6,900	53,100			
Landscape	19,200						2,200	17,000			
TOTAL SITE	\$262,700						\$30,300	\$232,400			
GILBERT PARK											
Miscellaneous	6,000	700	5,300								
Pavements	6,800	800	6,000								
Playgrounds	89,000	10,200	78,800								
Fencing	24,400	2,800	21,600								
Site Furnishings	44,000	5,100	38,900								
Landscape	21,600	2,500	19,100								
TOTAL SITE	\$191,800	\$22,100	\$169,700								
GREY PARK											
Miscellaneous	9,200						1,100	8,100			
Electrical/Lighting	65,000						7,500	57,500			
Pavements	62,700						7,200	55,500			
Playgrounds	214,100						24,600	189,500			
Fencing	33,000						3,800	29,200			
Site Furnishings	87,600						10,100	77,500			
Landscape	24,700						2,800	21,900			
TOTAL SITE	\$496,300						\$57,100	\$439,200			
HARBERT PARK											
Miscellaneous	5,000	600	4,400								
Pavements	92,900	10,700	82,200								
Fencing	102,900								11,800		91,100
Site Furnishings	153,300	17,600	135,700								
Landscape	28,800	3,300	25,500								
TOTAL SITE	\$382,900	\$32,200	\$247,800						\$11,800		\$91,100
FUNDED and/or BUDGETED	-\$100,000										-\$100,000

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency 000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
HARBERT PARK (cont'd)	\$282,900	\$32,200									\$147,800
HARPER GARDEN											
Miscellaneous	2,400									300	2,100
Pavements	14,600									1,700	12,900
Fencing	15,600									1,800	13,800
Site Furnishings	8,600									1,000	7,600
Landscaping	12,000									1,400	10,600
TOTAL SITE	\$53,200									\$6,200	\$47,000
HINMAN PARK											
Miscellaneous	2,400	300	2,100								
Pavements	6,400	700	5,700								
Playgrounds	61,700	7,100	54,600								
Fencing	12,300	1,400	10,900								
Site Furnishings	44,100	5,100	39,000								
Landscaping	8,700	1,000	7,700								
TOTAL SITE	\$135,600	\$15,600	\$120,000								
HOBART PARK											
Miscellaneous	2,800				300	2,500					
Pavements	20,600				2,400	18,200					
Playgrounds	76,000				8,700	67,300					
Fencing	4,300				600	3,700					
Site Furnishings	40,600				4,700	35,900					
Landscaping	6,700				800	5,900					
TOTAL SITE	\$151,000				\$17,500	\$133,500					
HOWELL PARK											
Miscellaneous	2,800									300	2,500
Grading/Drainage	20,700									2,400	18,300
Pavements	25,800									3,000	22,800
Site Furnishings	19,200									2,200	17,000
Landscaping	17,200									2,000	15,200
TOTAL SITE	\$85,700									\$9,900	\$75,800

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
INDEPENDENCE PARK											
Miscellaneous	2,800							300		2,500	
Electrical/Lighting	46,900							5,400		41,500	
Pavements	29,900							3,400		26,500	
Playgrounds	208,600							24,000		184,600	
Fencing	25,100							2,900		22,200	
Site Furnishings	80,800							9,300		71,500	
Landscape	12,800							1,500		11,300	
TOTAL SITE	\$406,900							\$46,800		\$360,100	
INGRAHAM PARK											
Miscellaneous	2,800									300	2,500
Grading/Drainage	40,300									4,600	35,700
Pavements	28,600									3,300	25,300
Playgrounds	209,600									24,100	185,500
Site Furnishings	22,800									2,600	20,200
Landscape	19,000									2,200	16,800
TOTAL SITE	\$323,100									\$37,100	\$286,000
JAMES PARK											
Miscellaneous	19,000	2,200	16,800								
Irrigation	318,500	36,700	281,800								
Grading/Drainage	316,700	36,400	280,300								
Electrical/Lighting	201,000	23,100	177,900								
Pavements	569,200	65,500	503,700								
Athletic Fields	184,500	21,200	163,300								
Basketball Courts	26,900	3,100	23,800								
Hill Improvements	344,400	39,600	304,800								
Fencing	205,900	23,700	182,200								
Tennis Courts	362,200	41,700	320,500								
Tennis Court Lights	75,400	8,700	66,700								
Site Furnishings	104,100	12,000	92,100								
Landscape	186,800	21,500	165,300								
TOTAL SITE	\$2,914,600	\$335,400	\$2,579,200								
FUNDED and/or BUDGETED	-\$1,000,000										-\$1,000,000
PROJECT COSTS	\$1,914,600	\$335,400	\$1,579,200								

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
KELLY PARK											
Miscellaneous	2,800	300	2,500								
Pavements	11,000	1,300	9,700								
Playgrounds	89,700	10,300	79,400								
Fencing	8,100	900	7,200								
Site Furnishings	10,600	1,200	9,400								
Landscape	6,900	800	6,100								
TOTAL SITE	\$129,100	\$14,800	\$114,300								
LADD ARBORETUM											
Miscellaneous	11,200				1,300	9,900					
Electrical/Lighting	326,700				37,600	289,100					
Pavements	201,000				23,100	177,900					
Fencing	161,800								18,600	143,200	
Site Furnishings	202,700				23,300	179,400					
Landscape	143,600				16,500	127,100					
TOTAL SITE	\$1,047,000				\$101,800	\$783,400			\$18,600	\$143,200	
Ladd Arboretum Gazebo Ecology Center	11,200				0	11,200					
	269,800	35,200	234,600								
TOTAL BUILDING	\$281,000	\$35,200	\$234,600		\$0	\$11,200					
TOTAL SITE/BUILDING	\$1,328,000	\$35,200	\$234,600		\$101,800	\$794,600			\$18,600	\$143,200	
LARIMER PARK											
Miscellaneous	6,000				700	5,300					
Grading/Drainage	48,100				5,500	42,600					
Electrical/Lighting	26,100				3,000	23,100					
Pavements	17,500				2,000	15,500					
Playgrounds	208,000				24,000	184,000					
Athletic Fields	37,400				4,300	33,100					
Basketball Courts	36,500				4,200	32,300					
Fencing	42,500				4,900	37,600					
Site Furnishings	53,900				6,200	47,700					
Landscape	24,500				2,800	21,700					
TOTAL SITE	\$500,500				\$57,600	\$442,900					
Shelter Building	23,800				0	23,800					

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR								
		1	2	3	4	5	6	7	8	9
000/\$000 Project Construction Costs with Mobilization & Contingency										
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs										
LARIMER PARK cont'd)										
TOTAL BUILDING	\$23,800						\$0	\$23,800		
TOTAL SITE/BUILDING	\$524,300					\$57,600	\$466,700			
LAWSON PARK										
Miscellaneous	6,000						700	5,300		
Utilities	23,700						2,700	21,000		
Electrical/Lighting	42,100						4,800	37,300		
Pavements	12,100						1,400	10,700		
Playgrounds	130,200						15,000	115,200		
Fencing	12,400						1,400	11,000		
Site Furnishings	30,200						3,500	26,700		
Landscape	17,200						2,000	15,200		
TOTAL SITE	\$273,900						\$31,500	\$242,400		
Shelter Building	10,900						0	10,900		
TOTAL BUILDING	\$10,900						\$0	\$10,900		
TOTAL SITE/BUILDING	\$284,800						\$31,500	\$253,300		
LEAHY COMMUNITY PARK										
Miscellaneous	9,200	1,100	8,100							
Grading/Drainage/Utilities	44,400	5,100	39,300							
Electrical/Lighting	33,000	3,800	29,200							
Pavements	25,200	2,900	22,300							
Playgrounds	252,100	29,000	223,100							
Athletic Fields	55,900	6,400	49,500							
Tennis Courts	149,200	17,200	132,000							
Tennis Court Lights	75,400	8,700	66,700							
Site Furnishings	50,500	5,800	44,700							
Landscape	32,800	3,800	29,000							
TOTAL SITE	\$727,700	\$83,800	\$643,900							
Shelter Building	21,700	0	21,700							
TOTAL BUILDING	\$21,700	\$0	\$21,700							
TOTAL SITE/BUILDING	\$749,400	\$83,800	\$665,600							
LEVINSON TOTLOT										

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
Miscellaneous	5,000	600	4,400								
Pavements	4,000	500	3,500								
Playgrounds	70,900	8,200	62,700								
Fencing	16,300	1,900	14,400								
Site Furnishings	12,900	1,500	11,400								
Landscape	11,200	1,300	9,900								
TOTAL SITE	\$120,300	\$14,000	\$106,300								
LIGHTHOUSE LANDING/BEACH											
Miscellaneous	9,200					1,100	8,100				
Electrical/Lighting	43,600					5,000	38,600				
Pavements	126,400					14,500	111,900				
Fencing	41,300					4,800	36,500				
Site Furnishings	41,400					4,800	36,600				
Landscape	28,500					3,300	25,200				
TOTAL SITE	\$290,400					\$33,500	\$256,900				
Restroom Building	706,400					92,100	614,300				
North Boiler Bldgs	111,000					18,800	92,200				
South Boiler Bldgs	187,700					28,800	158,900				
Greenhouse Structure	95,800					12,500	83,300				
TOTAL BUILDING	\$1,100,900					\$152,200	\$948,700				
TOTAL SITE/BUILDING	\$1,391,300					\$185,700	\$1,205,600				
LOMAR PARK											
Site Furnishings	12,500								1,500	11,000	
Landscape	15,000								1,700	13,300	
TOTAL SITE	\$27,500								\$3,200	\$24,300	
LOVELACE PARK											
Miscellaneous	9,200	8,100									
		1,100									
Utilities Irrigation	55,300								6,400	48,900	
Electrical/Lighting	237,200	27,300	209,900								
Pavements	161,700								18,600	143,100	
Basketball Courts	34,800	4,000	30,800								
LOVELACE PARK (cont'd)									11,400	87,300	
Fencing	98,700										

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
Tennis Courts	282,300	249,800									
Tennis Court Lights	75,400	66,700									
Site Furnishings	211,100	24,300	186,800								
Landscape	51,000	5,900	45,100								
TOTAL SITE	\$1,216,700	\$324,600	\$472,600							\$36,400	\$279,300
Restroom Building	48,600									0	48,600
TOTAL BUILDING	\$48,600									\$0	\$48,600
TOTAL SITE/BUILDING	\$1,265,300	\$428,400	\$472,600							\$36,400	\$327,900
FUNDED and/or BUDGETED	-\$212,000		-\$212,000								
PROJECT COSTS	\$1,053,300	\$428,400	\$260,600								
LUNT GARDENS											
Miscellaneous	5,000									600	4,400
Electrical/Lighting	103,800									11,900	91,900
Pavements	33,600									3,900	29,700
Site Furnishings	33,800									3,900	29,900
Landscape	15,900									1,800	14,100
TOTAL SITE	\$192,100									\$22,100	\$170,000
MASON PARK											
Miscellaneous	9,700			1,100			8,600				
Grading/Drainage	108,300			12,500			95,800				
Pavements	69,300			8,000			61,300				
Playgrounds	107,500			12,400			95,100				
Athletic Fields	51,000			5,900			45,100				
Basketball Courts	39,000			4,500			34,500				
Fencing	79,100			9,100			70,000				
Tennis Courts	116,400			13,400			103,000				
Tennis Court Lights	44,200			5,100			39,100				
TOTAL SITE	\$1,053,300			\$428,400			\$260,600				
MASON PARK (cont'd)											
Site Furnishings	52,500			6,000			46,500				
Landscape	39,000			4,500			34,500				

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
TOTAL SITE	\$716,000			\$82,500	\$633,500						
Restroom Building	72,700		9,500		63,200						
TOTAL BUILDING	\$72,700		\$9,500	\$63,200							
TOTAL SITE/BUILDING	\$788,700		\$92,000	\$696,700							
McCORMICK PARK											
Utilities	19,100									2,200	16,900
Site Furnishings	15,700									1,800	13,900
Landscape	16,500									1,900	14,600
TOTAL SITE	\$51,300									\$5,900	\$45,400
McCULLOCH PARK											
Miscellaneous	7,000						800			6,200	
Electrical/Lighting	49,300						5,700			43,600	
Pavements	17,200						2,000			15,200	
Playgrounds	207,900						23,900			184,000	
Basketball Courts	21,000						2,400			18,600	
Fencing	29,300						3,400			25,900	
Site Furnishings	54,400						6,300			48,100	
Landscape	20,900						2,400			18,500	
TOTAL SITE	\$407,000						\$46,900			\$360,100	
MEGOWEN PARK											
Miscellaneous	7,000			800		6,200					
Electrical Lighting	34,500		4,000	30,500							
Playgrounds	207,900		23,900	184,000							
Fencing	21,800		2,500	19,300							
Site Furnishings	42,500		4,900	37,600							
Landscape	15,600		1,800	13,800							
TOTAL SITE	\$329,300		\$37,900	\$291,400							

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
MERRICK ROSE GARDEN											
Miscellaneous	7,000	800	6,200								
Electrical Lighting	91,000	10,500	80,500								
Fencing	9,300	1,100	8,200								
Site Furnishings	65,000	7,500	57,500								
TOTAL SITE	\$172,300	\$19,900	\$152,400								
FUNDED and/or BUDGETED	-\$40,000		-\$40,000								
PROJECT COSTS	\$132,300	\$19,900	\$112,400								
MONROE TOTLOT											
Miscellaneous	7,000				800	6,200					
Pavements	5,500				600	4,900					
Playgrounds	61,700				7,100	54,600					
Fencing	12,900				1,500	11,400					
Site Furnishings	11,300				1,300	10,000					
Landscape	5,400				600	4,800					
TOTAL SITE	\$103,800				\$11,900	\$91,900					
MORRIS PARK											
Pavements	2,700								300	2,400	
Site Furnishings	6,100								700	5,400	
Landscape	5,800								700	5,100	
TOTAL SITE	\$14,600								\$1,700	\$12,900	
PATRIOTS PARK											
Miscellaneous	2,800							300	2,500		
Electrical/Lighting	25,200							2,900	22,300		
Pavements	15,600							1,800	13,800		
Site Furnishings	28,000							3,200	24,800		
Landscape	5,500							700	4,800		
TOTAL SITE	\$77,100							\$8,900	\$68,200		
PENNY PARK											
Miscellaneous	6,000							700	5,300		
Grading/Drainage	22,500							2,600	19,900		

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
PENNY PARK (cont'd)											
Pavements	14,900								1,700	13,200	
Fencing	19,200								2,200	17,000	
Playground	69,500								8,000	61,500	
Site Furnishings	42,400								4,900	37,500	
Landscape	17,900								2,100	15,800	
TOTAL SITE	\$192,400								\$22,200	\$170,200	
PERRY PARK											
Miscellaneous	6,000				700	5,300					
Electrical/Lighting	42,200				4,900	37,300					
Pavements	17,500				2,000	15,500					
Playgrounds	208,600				24,000	184,600					
Fencing	19,800				2,300	17,500					
Site Furnishings	47,000				5,400	41,600					
Landscape	20,300				2,300	18,000					
TOTAL SITE	\$361,400				\$41,600	\$319,800					
PHILBRICK PARK											
Miscellaneous	6,000							700		5,300	
Electrical/Lighting	9,700							1,100		8,600	
Pavements	19,100							2,200		16,900	
Playgrounds	208,600							24,000		184,600	
Fencing	11,000							1,300		9,700	
Site Furnishings	24,000							2,800		21,200	
Landscape	21,400							2,500		18,900	
TOTAL SITE	\$299,800							\$34,600		\$265,200	
PORTER PARK											
Miscellaneous	6,000								700	5,300	
Playgrounds	160,500								18,500	142,000	
Basketball Courts	2,000								200	1,800	
Fencing	11,400								1,300	10,100	
Site Furnishings	10,600								1,200	9,400	
Landscape	8,300								1,000	7,300	
TOTAL SITE	\$198,800								\$22,900	\$175,900	

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
QUINLAN PARK											
Pavements	9,500									1,100	8,400
Site Furnishings	9,600									1,100	8,500
Landscape	9,400									1,100	8,300
TOTAL SITE	\$28,500									\$3,300	\$25,200
RAYMOND PARK											
Miscellaneous	6,000									700	5,300
Electrical/Lighting	26,600									3,100	23,500
Pavements	2,600									300	2,300
Playgrounds	208,600									24,000	184,600
Site Furnishings	47,000									5,400	41,600
Landscape	18,900									2,200	16,700
TOTAL SITE	\$309,700									\$35,700	\$274,000
SARGENT PARK											
Miscellaneous	6,000									700	5,300
Pavements	6,800									800	6,000
Playgrounds	90,400									10,400	80,000
Fencing	4,600									500	4,100
Site Furnishings	10,600									1,200	9,400
Landscape	4,100									500	3,600
TOTAL SITE	\$122,500									\$14,100	\$108,400
SMITH PARK											
Miscellaneous	6,000									700	5,300
Electrical/Lighting	45,900									5,300	40,600
Pavements	18,500									2,100	16,400
Playgrounds	219,100									25,200	193,900
Fencing	14,000									1,600	12,400
Site Furnishings	54,400									6,300	48,100
Landscape	11,500									1,300	10,200
TOTAL SITE	\$369,400									\$42,500	\$326,900

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
SNYDER PARK											
Miscellaneous	6,000	700									
Grading/Drainage	15,500	1,800									
Pavements	5,000	600									
Playgrounds	89,000	10,200									
Fencing	9,800	1,100									
Site Furnishings	51,100	5,900									
Landscape	\$8,800	\$1,000									
TOTAL SITE	\$185,200	\$21,300									
S. BOULEVARD BEACH/PARK											
Miscellaneous	9,000							1,000	8,000		
Pavements	81,900							9,400	72,500		
Fencing	39,000							4,500	34,500		
Site Furnishings	27,700							3,200	24,500		
Landscape	15,500							1,800	13,700		
TOTAL SITE	\$173,100							\$19,900	\$153,200		
Restroom Building	552,000							72,000	480,000		
TOTAL BUILDING	\$552,000							\$72,000	\$480,000		
TOTAL SITE/BUILDING	\$725,100							\$91,900	\$633,200		
SOUTHWEST PARK											
Miscellaneous	7,000							800	6,200		
Pavements	1,700							200	1,500		
Playgrounds	103,300							11,900	91,400		
Fencing	23,700							2,700	21,000		
Site Furnishings	25,700							3,000	22,700		
Landscape	6,200							700	5,500		
TOTAL SITE	\$167,600							\$19,300	\$148,300		
ST. PAUL PARK											
Miscellaneous	7,000							800	6,200		
Pavements	22,100							2,500	19,600		
Fencing	14,800							1,700	13,100		
Site Furnishings	47,700							5,500	42,200		
Landscape	12,800							1,500	11,300		

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
ST. PAUL PARK (cont'd)											
TOTAL SITE	\$104,400								\$12,000		\$92,400
STOCKHAM PLACE PARK											
Grading/Drainage	17,300										15,300
Site Furnishings	13,800										12,200
Landscape	5,200										4,600
TOTAL SITE	\$36,300								\$4,200		\$32,100
TALLMADGE PARK											
Miscellaneous	9,300								1,200		8,100
Grading/Drainage	37,900								4,400		33,500
Electrical/Lighting	58,500								6,700		51,800
Pavements	38,100								4,400		33,700
Athletic Fields	7,200								800		6,400
Fencing	12,000								1,400		10,600
Site Furnishings	24,500								2,800		21,700
Landscape	15,800								1,800		14,000
TOTAL SITE	\$203,300								\$23,500		\$179,800
Noyes Center	2,212,500								288,600		1,923,900
TOTAL BUILDING	\$2,212,500								\$288,600		\$1,923,900
TOTAL SITE/BUILDING	\$2,415,800								\$312,100		\$2,103,700
FUNDED and/or BUDGETED	-\$1,035,000										-\$1,035,000
PROJECT COSTS	\$1,380,800								\$312,100		\$1,068,700
TOGERSON PARK											
Miscellaneous	9,300								1,200		8,100
Pavements	14,500								1,700		12,800
Playgrounds	89,000								10,200		78,800
Fencing	25,800								3,000		22,800
Site Furnishings	17,300								2,000		15,300
Landscape	11,300								1,300		10,000
TOTAL SITE	\$167,200								\$19,400		\$147,800

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
TRAHAN PARK											
Miscellaneous	9,300									1,200	8,100
Pavements	9,300									1,100	8,200
Playgrounds	89,700									10,300	79,400
Fencing	5,400									600	4,800
Site Furnishings	21,700									2,500	19,200
Landscaping	9,600									1,100	8,500
TOTAL SITE	\$145,000									\$16,800	\$128,200
TWIGGS PARK											
Miscellaneous	9,300				1,200			8,100			
Electrical/Lighting	44,900				5,200			39,700			
Pavements	84,800	9,800	75,000								
Fencing	71,900										
Site Furnishings	39,300				4,500			34,800			
Landscaping	31,600				3,600			28,000			
TOTAL SITE	\$281,800	\$9,800	\$75,000		\$14,500			\$110,600		\$8,300	\$63,600
Gazebo	2,000				0			2,000			
TOTAL BUILDING	\$2,000				\$0			\$2,000			
TOTAL SITE/BUILDING	\$283,800	\$9,800	\$75,000		\$14,500			\$112,600		\$8,300	\$63,600
FUNDED and/or BUDGETED	-\$83,000							-\$83,000			
PROJECT COSTS	\$200,800	\$9,800	\$75,000		\$14,500			\$29,600		\$8,300	\$63,600
MULTI-PURPOSE RECREATION CENTER BUILDING											
Recreation Building	14,004,400	854,800	6,574,800	6,574,800							
TOTAL BUILDING	\$14,004,400	\$854,800	\$6,574,800	\$6,574,800							
SOUTHEAST EVANSTON RECREATION BUILDING											
Recreation Building	9,916,500		1,140,800	8,775,700							
TOTAL BUILDING	\$9,916,500		\$1,140,800	\$8,775,700							
FUNDED and/or BUDGETED	-\$250,000		-\$250,000								
PROJECT COSTS	\$9,666,500		\$890,800	\$8,775,700							

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
SWIMMING POOL											
Swimming Pool	8,736,000						936,000	7,800,000			
TOTAL POOL	\$8,736,000						\$936,000	\$7,800,000			
SKATEBOARD PARK 1											
Skate Park 1	172,500				22,500	150,000					
TOTAL SKATE PARK	\$172,500				\$22,500	\$150,000					
SKATEBOARD PARK 2											
Skate Park 2	172,500						22,500	150,000			
TOTAL SKATE PARK	\$172,500						\$22,500	\$150,000			

TOTAL SITE/BUILDING DEVELOPMENT COSTS

TOTAL SITE	\$34,862,800	\$1,601,000	\$6,306,600	\$1,661,400	\$1,903,700	\$3,726,800	\$10,466,600	\$2,356,600	\$2,611,400	\$2,058,100	\$2,170,600
TOTAL BUILDING	\$47,324,800	\$994,700	\$8,479,700	\$16,339,600	\$7,120,100	\$9,199,100	\$1,682,600	\$1,474,800	\$616,300	\$1,368,900	\$49,000
TOTAL SITE/BUILDING	\$82,187,600	\$2,595,700	\$14,786,300	\$18,001,000	\$9,023,800	\$12,925,900	\$12,149,200	\$3,831,400	\$3,227,700	\$3,427,000	\$2,219,600
3% Inflation											
Factor per Year	\$0	\$0	\$443,600	\$1,080,000	\$812,200	\$1,551,200	\$1,822,400	\$689,700	\$677,800	\$822,500	\$599,300
TOTAL	\$90,686,300	\$2,595,700	\$15,229,900	\$19,081,000	\$9,836,000	\$14,477,100	\$13,971,600	\$4,521,100	\$3,905,500	\$4,249,500	\$2,818,900

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR												
		1	2	3	4	5	6	7	8	9	10			

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	YEAR									
	Year 2000 Estimate	1	2	3	4	5	6	7	8	9

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

**EVANSTON STRATEGIC PARK PLAN
CAPITAL IMPROVEMENT PLAN**

October 4, 2000

prepared by:
Land Design Collaborative, Inc.

TENNIS COURTS & LIGHTING	Design Fees	Construction Value	Project Costs
Ackerman Park	17,000	130,300	147,300
Ackerman Park New Tennis Lights	5,100	39,100	44,200
Bent Park	8,000	61,300	69,300
Bent Park New Tennis Lights	5,100	39,100	44,200
Burnham Shores	15,300	117,900	133,200
Burnham Shores New Tennis Lights	5,100	39,100	44,200
Cartwright Park	8,800	67,900	76,700
Cartwright Park New Tennis Lights	5,100	39,100	44,200
Crown Community Park	24,600	189,200	213,800
Crown Park Existing Lights	6,900	52,900	59,800
Fitzsimons Park	15,400	118,200	133,600
simons Park Existing Tennis Lights	5,100	39,100	44,200
Foster Field	10,000	76,400	86,400
Foster Field Existing Tennis Lights	5,100	39,100	44,200
James Park	41,700	320,500	362,200
James Park New Tennis Lights	8,700	66,700	75,400
Leahy Park	17,200	132,000	149,200
Leahy Park Existing Tennis Lights	8,700	66,700	75,400
Lovelace Park	32,500	249,800	282,300
Lovelace Park New Lights	8,700	66,700	75,400
Mason Park	13,400	103,000	116,400
Mason Park New Tennis Lights	5,100	39,100	44,200

BASKETBALL COURTS	Design Fees	Construction Value	Project Costs
Baker Park	4,000	30,600	34,600
Bent Park	2,700	20,700	23,400
Cartwright Park	3,100	23,600	26,700
Chandler Community Center	2,800	21,600	24,400
Clyde Brummel Park	3,500	27,000	30,500
Currey Park	700	5,000	5,700
Eggleston Park	1,600	12,000	13,600
Foster Field	1,800	13,800	15,600
James Park	3,100	23,800	26,900
Larimer Park	4,200	32,300	36,500
Lovelace Park	4,000	30,800	34,800
Mason Park	4,500	34,500	39,000
McCulloch Park	2,400	18,600	21,000
Porter Park	200	1,800	2,000

TOTAL BASKETBALL COURTS \$38,600 \$296,100 \$334,700

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR								
	Estimate	1	2	3	4	5	6	7	8	9

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

TOTAL TENNIS COURT											
RENOVATION	\$203,900	\$1,566,500	\$1,770,400								
TOTAL NEW LIGHTS for											
TENNIS COURTS	\$42,900	\$328,900	\$371,800								
TOTAL REPLACE EXISTING											
LIGHTS for TENNIS COURT	\$25,800	\$197,800	\$223,600								
TOTAL TENNIS COURT											
RENOVATION/LIGHTS	\$272,600	\$2,093,200	\$2,365,800								

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

**EVANSTON STRATEGIC PARK PLAN
CAPITAL IMPROVEMENT PLAN**

October 4, 2000

prepared by:
Land Design Collaborative, Inc.

ATHLETIC FACILITIES

	Design Fees	Constructi on Value	Project Costs
Baker Park Baseball/softball Field grading, drainage, facilities	8,900	68,000	76,900
Baker Park - Total Baseball/softball Field	8,900	68,000	\$76,900
Bent Park Soccer Fiel grading, drainage, facilities irrigation	6,000	46,300	52,300
	5,500	42,100	47,600
Bent Park - Total Soccer Field	11,500	88,400	\$99,900
Crown Community Park Soccer Fiel grading, drainage, facilities, irrigation	28,100	216,500	244,600
Baseball/softball Field grading, drainage, facilities, irrigation	8,500	65,200	73,700
Crown Park - Total Baseball/Softball/Soccer Fields	36,600	281,700	\$318,300
Foster Field Baseball/softball field grading, drainage, facilities irrigation	26,100	200,700	226,800
	6,300	48,300	54,600
Foster Field - Total Baseball/Softball Fields	32,400	249,000	\$281,400
James Park Soccer Fiel grading, drainage, facilities	36,400	280,300	316,700
Baseball/softball field grading, drainage, facilities irrigation	21,200	163,300	184,500
	36,700	281,800	318,500
James Park - Total Baseball/Softball/Soccer Fields	94,300	725,400	\$819,700
Larimer Park Baseball/softball field grading, drainage, facilities	9,800	75,700	85,500
Larimer Park - Total Baseball/Softball Fields	9,800	75,700	\$85,500
Leahy Community Park Baseball/softball field grading, drainage, facilities	11,500	88,800	100,300
Leahy Park - Total Baseball/Softball Fields	11,500	88,800	\$100,300

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR										
	Estimate	1	2	3	4	5	6	7	8	9	10	
000/\$000 Project Construction Costs with Mobilization & Contingency												
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs												
Lovelace Park												
	Soccer Field Irrigation								6,400	48,900	55,300	
	Lovelace Park - Total Soccer Field								6,400	48,900	55,300	
Mason Park Baseball/softball field	grading, drainage, facilities								12,500	95,800	108,300	
	irrigation								5,900	45,100	51,000	
	Mason Park - Total Baseball/Softball/Soccer Fields								18,400	140,900	\$159,300	
Tallmadge Park Baseball/softball field	grading, drainage, facilities								5,200	39,900	45,100	
	Tallmadge Park - Total Baseball/Softball Fields								5,200	39,900	\$45,100	
TOTAL ATHLETIC FIELD IMPROVEMENTS										\$235,000	\$1,806,700	\$2,041,700

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	YEAR									
	1	2	3	4	5	6	7	8	9	10
Year 2000 Estimate										

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

**EVANSTON STRATEGIC PARK PLAN
CAPITAL IMPROVEMENT PLAN**

October 4, 2000

prepared by:
Land Design Collaborative, Inc.

COMMUNITY CENTER BUILDINGS	Design Fees	Construction Value	Project Costs
RENOVATION OF EXISTING BUILDINGS			
Chandler Community Center	24,400	244,300	268,700
Eastwood Jourdain Bldg Renovation	124,500	829,700	954,200
Ladd Arboretum Ecology Center	35,200	234,600	269,800
Noyes Art Center	288,600	1,923,900	2,212,500
TOTAL BUILDING RENOVATION	\$472,700	\$3,232,500	\$3,705,200

PARK BUILDINGS	Design Fees	Construction Value	Project Costs
NEW PARK BUILDINGS			
Ackerman Park Restroom	38,900	259,200	298,100
Baker Park Restroom	36,700	244,800	281,500
Bent Park Restroom Building	41,400	276,000	317,400
TOTAL NEW BUILDINGS	\$117,000	\$780,000	\$897,000

NEW BUILDINGS	Design Fees	Construction Value	Project Costs
RENOVATION OF EXISTING PARK BUILDINGS			
Cartwright Park Gazebo	0	5,400	5,400
Dobson Brummel Shelter	0	400	400
Ladd Arboretum Gazebo	0	11,200	11,200
Larimer Park Shelter Renovation	0	23,800	23,800
Lawson Park Shelter Renovation	0	10,900	10,900
Leahy Community Restroom Renovation	0	21,700	21,700
Lighthouse Land'g North Boiler Building	18,800	92,200	111,000
Lighthouse Land'g South Boiler Building	28,800	158,900	187,700
Lighthouse Land'g Greenhouse	12,500	83,300	95,800
Lovelace Restroom Renovation	0	48,600	48,600
Mason Park Renovation	9,500	63,200	72,700
Twiggs Gazebo	0	2,000	2,000
TOTAL RENOVATED PARK BUILDINGS	\$69,600	\$521,600	\$591,200
TOTAL PARK BUILDINGS	\$186,600	\$1,301,600	\$1,488,200

LAKEFRONT BEACH ENTRANCE BUILDINGS	Design Fees	Construction Value	Project Costs
TOTAL COMMUNITY CTR BLDG			
Centennial Park/Clark St Beach Restroom	72,000	480,000	552,000
Dawes Park Restroom	71,300	475,200	546,500
Dawes Park Lagoon Shelter	0	62,200	62,200
Dempster Beach Aquatics Bldg	136,800	912,000	1,048,800
Elliot Park/Lee St Restroom/Ent	69,800	465,600	535,400
TOTAL COMMUNITY CTR BLDG	\$2,135,900	\$17,344,500	\$19,480,400

NEW MULTI-PURPOSE RECREATION BUILDINGS

Design	Construction	Total Project

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR								
	Estimate	1	2	3	4	5	6	7	8	9

000/\$000 Project Construction Costs with Mobilization & Contingency

Lighthouse Land'g New Restroom	92,100	614,300	706,400								
S. Blvd. Beach Restroom/Entrance	72,000	480,000	552,000								
TOTAL LAKEFRONT BUILDINGS	\$514,000	\$3,489,300	\$4,003,300								

NEW RECREATION FACILITIES

	Design Fees	Construction Value	Project Costs
Indoor Swimming Pool	936,000	7,800,000	8,736,000
Skateboard Park 1	22,500	150,000	172,500
Skateboard Park 2	22,500	150,000	172,500
Dawes Park Ice Skating Rink	49,200	378,500	427,700
TOTAL NEW REC FACILITIES	\$1,030,200	\$8,478,500	\$9,508,700

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

RECREATION BUILDING	Fees	on Value	Costs
Multi-Purpose Recreation Building	854,800	13,149,600	14,004,400
TOTAL RECREATION CENTER	\$854,800	\$13,149,600	\$14,004,400

NEW SOUTHEAST EVANSTON RECREATION

	Design Fees	Construction Value	Project Costs
Recreation Building	1,140,800	8,775,700	9,916,500
TOTAL SE RECREATION CENTER	\$1,140,800	\$8,775,700	\$9,916,500

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	YEAR									
	1	2	3	4	5	6	7	8	9	10

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

**EVANSTON STRATEGIC PARK PLAN
CAPITAL IMPROVEMENT PLAN**

October 4, 2000

prepared by:
Land Design Collaborative, Inc.

**NEIGHBORHOOD PARK
IMPROVEMENTS**

Improvements

	Design Fees	Constructi on Value	Project Costs
Ackerman Park Signage, grading & drainage, pavements, site furnishings, landscape	9,400	71,500	80,900
Alexander Park Signage, grading & drainage, pavements, electrical/lighting, playground, fencing, site furnishings, landsc	43,800	335,700	379,500
Baker Park Signage, pavements, playground, fencing, site furnishings, landscape	36,800	282,100	318,900
Beck Park Signage, grading & drainage, pavements, electrical/lighting, playground, fencing, site furnishings, landsc	75,000	575,900	650,900
Bent Park Signage, electrical/lighting, pavements, site furnishings, landscape	15,200	117,100	132,300
Butler Park Signage, grading & drainage, pavements, electrical/lighting, playground, fencing, site furnishings, landsc	104,500	802,300	906,800
Cartwright Park Signage, grading/drainage, pavements, electrical/lighting, playground, fencing, site furnishings, landsc	47,800	367,400	415,200
Clyde Brummel Park Signage, grading & drainage, pavements, electrical/lighting, playground, fencing, site furnishings, landsc	43,400	332,400	375,800
Currey Park Signage, pavements, fencing, site furnishings, landscape	6,100	47,100	53,200
Eggleston Park Signage, grading & drainage, pavements, electrical/lighting, playground, fencing, site furnishings, landsc	56,200	432,100	488,300
Firemen's Park Signage, pavements, playground, fencing, site furnishings, landscape	23,600	180,500	204,100
Fitzsimons Park Signage, fencing, site furnishings, landscape	5,700	43,600	49,300
Grey Park Signage, pavements, electrical/lighting, playground, fencing, site furnishings, landscape	57,100	439,200	496,300
Harbert Park Signage, pavements, fencing, site furnishings, landscape	44,000	338,900	382,900
Independence Park Signage, pavements, electrical/lighting, playground, fencing, site furnishings, landscape	46,800	360,100	406,900
Ingraham Park Signage, grading/drainage, pavements, playground, site furnishings, landscape	37,100	286,000	323,100
Larimer Park Signage, pavements, electrical/lighting, playground, fencing, site furnishings, landscape	43,600	334,900	378,500
Lawson Park Signage, grading/drainage, utilities, pavements, playground, fencing, site furnishings, landscape	31,500	242,400	273,900
Lomar Park Signage, site furnishings, landscape	3,200	24,300	27,500
McCulloch Park Signage, electrical/lighting, pavements, playground, fencing, site furnishings, landscape	44,500	341,500	386,000
Penny Park Signage, pavements, grading/drainage, playground, fencing, site furnishings, landscape	22,200	170,200	192,400
Raymond Park Signage, electrical/lighting, pavements, playground, site furnishings, landscape	35,700	274,000	309,700

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR										
	Estimate	1	2	3	4	5	6	7	8	9	10	
000/\$000 Project Construction Costs with Mobilization & Contingency												
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs												
Smith Park	Signage, pavements, electrical/lighting, playground, fencing, site furnishings, landscape								42,500	326,900	369,400	
Tallmadge Park	Signage, pavements, grading/drainage, electrical/lighting, fencing, site furnishings, landscape							18,300	139,900	158,200		
Torgerson Park	Signage, pavements, playground, fencing, site furnishings, landscape							19,400	147,800	167,200		
Twiggs Park	Signage, pavements, electrical/lighting, fencing, site furnishings, landscape							32,600	249,200	281,800		
TOTAL NEIGHBORHOOD PARK IMPROVEMENTS										\$946,000	\$7,263,000	\$8,209,000

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	YEAR									
	1	2	3	4	5	6	7	8	9	10
Year 2000 Estimate										

000/\$000 Project Construction Costs with Mobilization & Contingency

000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

**EVANSTON STRATEGIC PARK PLAN
CAPITAL IMPROVEMENT PLAN**

October 3, 2000

prepared by:
Land Design Collaborative, Inc.

COMMUNITY PARK IMPROVEMENTS	Improvements			Project Costs
	Design Fees	Constructi on Value	Project Costs	
Chandler Community Park	59,200	455,400	514,600	
<i>Signage, grading & drainage, electrical/lighting, fencing, pavements, site furnishings, landscape</i>				
Crown Park	116,500	895,800	1,012,300	
<i>Signage, pavements, electrical/lighting, fencing, site furnishings, landscape</i>				
Foster Park	111,400	856,500	967,900	
<i>Signage, pavements, electrical/lighting, playground, fencing, sculpture garden, site furnishings, landscape</i>				
James Park	187,600	1,442,800	1,630,400	
<i>Signage, grading & drainage, pavements, electrical/lighting, hill improvements, fencing, site furnishings, landscape</i>				
Leahy Community Park	46,400	356,400	402,800	
<i>Signage, utilities, electrical/lighting, pavements, fencing, site furnishings, landscape</i>				
Lovelace Park	88,600	680,300	768,900	
<i>Signage, grading & drainage, pavements, electrical/lighting, fencing, site furnishings, landscape</i>				
Mason Park	41,100	316,000	357,100	
<i>Signage, pavements, playground, fencing, site furnishings, landscape</i>				
Merrick Rose Garden	19,900	152,400	172,300	
<i>Signage, irrigation, electrical/lighting, site furnishings, landscape</i>				
TOTAL COMMUNITY PARK IMPROVEMENTS	\$670,700	\$5,155,600	\$5,826,300	

TOTLOT PARK IMPROVEMENTS	Improvements			Project Costs
	Design Fees	Constructi on Value	Project Costs	
Brummel-Richmond Totlot	3,100	22,700	25,800	
<i>Signage, pavements, fencing, site furnishings, landscape</i>				
Dobson-Brummel Totlot	5,200	39,600	44,800	
<i>Pavements, fencing, site furnishings, landscape</i>				
Eiden Park	38,600	297,500	336,100	
<i>Signage, pavements, grading/drainage, playgrounds, fencing, site furnishings, landscape</i>				
Eilingwood Totlot	2,900	22,400	25,300	
<i>Fencing, site furnishings, landscape</i>				
Gilbert Park	22,100	169,700	191,800	
<i>Signage, pavements, playgrounds, fencing, site furnishings, landscape</i>				
Hinman Totlot	15,600	120,000	135,600	
<i>Signage, pavements, playground, fencing, site furnishings, landscape</i>				
Hobart Totlot	17,500	133,500	151,000	
<i>Signage, pavements, playground, fencing, site furnishings, landscape</i>				
Kelly Park	14,800	114,300	129,100	
<i>Signage, pavements, playground, fencing, site furnishings, landscape</i>				

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency		000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs									
Levinson Park	Signage, pavements, playgrounds, fencing, site furnishings, landscape								14,000	106,300	120,300
MeGowen Park	Signage, electrical/lighting, playground, fencing, site furnishings, landscape							37,900	291,400	329,300	
Monroe Totlot	Signage, pavements, playgrounds, fencing, site furnishings, landscape							11,900	91,900	103,800	
Perry Park	Signage, electrical/lighting, pavements, playground, fencing, site furnishings, landscape							41,600	319,800	361,400	
Philbrick Park	Signage, electrical/lighting, pavements, playgrounds, fencing, site furnishings, landscape							34,600	265,200	299,800	
Porter Park	Signage, playground, fencing, site furnishings, landscape							22,700	174,100	196,800	
Sargent Park	Signage, pavements, playgrounds, fencing, site furnishings, landscape							14,100	108,400	122,500	
Snyder Park	Signage, grading/drainage, pavements, playground, fencing, site furnishings, landscape							21,300	163,900	185,200	
Southwest Park	Signage, pavements, playgrounds, fencing, site furnishings, landscape							19,300	148,300	167,600	
Trahan Park	Signage, pavements, playground, fencing, site furnishings, landscape							16,800	128,200	145,000	
TOTAL TOTLOT PARK IMPROVEMENTS								\$354,000	\$2,717,200	\$3,071,200	

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000	YEAR									
	Estimate	1	2	3	4	5	6	7	8	9	10

000/\$000 Project Construction Costs with Mobilization & Contingency 000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs

**EVANSTON STRATEGIC PARK PLAN
CAPITAL IMPROVEMENT PLAN**

October 4, 2000

prepared by:
Land Design Collaborative, Inc.

**SPECIAL/MINI PARK
IMPROVEMENTS**

Improvements	Design Fees on Value	Constructi on Value	Project Costs
Congregation Park Signage, pavements, landscape	1,000	7,800	8,800
Harper Garden Signage, pavements, fencing, site furnishings, landscape	6,200	47,000	53,200
Howell Park Signage, grading & drainage, pavements, site furnishings, landscape	9,900	75,800	85,700
Ladd Arboretum Signage, pavements, electrical/lighting, fencing, site furnishings, landscape	120,400	926,600	1,047,000
McCormick Park Utilities, site furnishings, landscape	5,900	45,400	51,300
Morris Park Pavement, site furnishings, landscape	1,700	12,900	14,600
Quinlan Park Pavement, site furnishings, landscape	3,300	25,200	28,500
St. Paul Park Signage, pavements, fencing, site furnishings, landscape	12,000	92,400	104,400
Stockham Place Grading/drainage, site furnishings, landscape	4,200	32,100	36,300

TOTAL SPECIAL/MINI PARK IMPROVEMENTS

Design Fees	\$164,600	\$1,265,200	\$1,429,800
--------------------	------------------	--------------------	--------------------

**LAKEFRONT PARK
IMPROVEMENTS**

Improvements	Design Fees on Value	Constructi on Value	Total Project Costs
Boal Dam Signage, pavements, breakwater, fencing, landscape	51,900	399,900	451,800
Burnham Shores Signage, grading & drainage, electrical/lighting, pavements, playground, site furnishings, landscape	67,300	517,600	584,900
Centennial Park/Clark St Beach Signage, electrical/lighting, pavements, fencing, site furnishings, landscape	55,100	423,200	478,300
Clark Square Park Signage, electrical/lighting, pavements, site furnishings, landscape	25,100	193,800	218,900
Dawes Park Signage, electrical/lighting, pavements, ice rink, fencing, site furnishings, landscape	86,300	663,100	749,400
Dempster Street Beach Signage, electrical/lighting, pavements, fencing, site furnishings, landscape	21,400	164,000	185,400

Table 25: CAPITAL IMPROVEMENT PROGRAM

IMPLEMENTATION

PARK / PROJECT	Year 2000 Estimate	YEAR									
		1	2	3	4	5	6	7	8	9	10
000/\$000 Project Construction Costs with Mobilization & Contingency											
000/\$000 Project Planning, Design, Engineering, Survey & Testing Costs											
Elliott Park/Lee Street Beach									48,900	375,600	424,500
									30,300	232,400	262,700
Garden Park									33,500	256,900	290,400
Lighthouse Landing Beach									22,100	170,000	192,100
Lunt Gardens									8,900	68,200	77,100
Patriots Park									19,900	153,200	173,100
South Boulevard Beach											

TOTAL LAKEFRONT PARK IMPROVEMENTS \$470,700 \$3,617,900 \$4,088,600

\$85,768,600

**SECTION 8
APPENDICES**

- A. Cost Estimates for Park Site Improvements
- B. Cost Estimates for Building Improvements
- C. Cost Estimates for New Buildings and Facilities

APPENDICES

APPENDIX A PARK SITE IMPROVEMENT COSTS

The following pages document the detailed cost estimates prepared for the site improvements for each park site as identified in Section 6.

The costs estimates are based upon the following information:

- Costs data represent year 2000 dollars
- Quantity take-offs were prepared for each item identified under specific categories of improvements (utilities, paving, fencing, etc.)
- Unit prices were based upon year 2000 bid prices from Land Design Collaborative, Inc. and the Department of Parks/Forestry & Recreation
- The four columns on the right side of each cost estimate represent costs for the improvement category constructed as an individual project. Construction values were rounded up to the nearest \$100.
- Constr Value & C/M represent the construction value of the improvement category plus contingency (10%) and contractor mobilization (5%)

APPENDIX A – PARK SITE IMPROVEMENT COSTS

- Design/Engr Survey/Test represent the cost for design and engineering fees (10% of Contr Value & C/M) and survey and testing (3% of Contr Value & C/M)
- Total Proj Value represents the total cost of the improvement category and project, including construction value, contingency, contractor mobilization, design and engineering, and survey and testing.

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
ACKERMAN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	350	\$4,200				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
RCP sewer pipe	LF	\$25	200	\$5,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Sod graded areas	SY	\$4.50	1,200	\$5,400				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$22,100	\$22,100	\$25,500	\$3,300	\$28,800
PAVEMENTS								
Remove existing concrete paving	SF	\$1.50	1,500	\$2,250				
New concrete pavement	SF	\$5.50	1,500	\$8,250				
PAVEMENTS SUBTOTAL				\$10,500	\$10,500	\$12,000	\$1,600	\$13,600
TENNIS COURTS								
Remove existing asphalt paving & base	SF	\$1.25	11,000	\$13,750				
Install underdrain system	LF	\$25	500	\$12,500				
New asphalt, base, and painted surface	SY	\$36	1,600	\$57,600				
Remove existing fencing	LF	\$5	420	\$2,100				
New 4' vinyl coated chain link fence	LF	\$28	80	\$2,240				
New 12' vinyl coated chain link fence	LF	\$55	340	\$18,700				
New player benches	EA	\$1,400	2	\$2,800				
New posts/nets	EA	\$1,800	2	\$3,600				
TENNIS COURTS SUBTOTAL				\$113,290	\$113,300	\$130,300	\$17,000	\$147,300
TENNIS COURTS LIGHTS								
New lighting poles/fixtures	EA	\$6,000	4	\$24,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	5	\$7,000				
New trash receptacle	EA	\$1,000	3	\$3,000				
SITE FURNISHINGS SUBTOTAL				\$13,250	\$13,300	\$15,300	\$2,000	\$17,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	12	\$6,000				
Deciduous shrub	EA	\$55	50	\$2,750				
Evergreen Shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$11,575	\$11,600	\$13,400	\$1,800	\$15,200
TOTALS:				\$209,315				
MOBILIZATION: 5%				\$10,466				
CONSTRUCTION CONTINGENCIES: 10%				\$20,932				
BASE IMPROVEMENT SUBTOTALS:				\$240,712				
SURVEY & TESTING 3%				\$7,221				
DESIGN & ENGINEERING 10%				\$24,071				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

BASE IMPROVEMENT TOTALS:	\$272,005	\$209,400	\$240,900	\$31,500	\$272,400
---------------------------------	------------------	------------------	------------------	-----------------	------------------

**ESTIMATE OF PROBABLE CONSTRUCTION COST
ALEXANDER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
Remove existing light pole/fixture	EA	\$800	1	\$800				
New pedestrian lights/foundations	EA	\$3,500	5	\$17,500				
Conduit and wiring	LF	\$14	250	\$3,500				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$31,800	\$31,800	\$36,600	\$4,800	\$41,400
PAVEMENTS								
Remove existing asphalt pavement	SF	\$1.25	2,700	\$3,375				
New asphalt base and pavement	SY	\$30.00	380	\$11,400				
Remove concrete pavement	SF	\$1.50	1,200	\$1,800				
New concrete paving	SF	\$5.50	1,200	\$6,600				
Incidental grading and sodding	LF	\$4.00	600	\$2,400				
PAVEMENTS SUBTOTAL				\$25,575	\$25,600	\$29,400	\$3,900	\$33,300
PLAYGROUND								
Remove existing playground equipment	LS	\$5,000	1	\$5,000				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$5,000	1	\$5,000				
PLAYGROUND SUBTOTAL				\$165,000	\$165,000	\$189,800	\$24,700	\$214,500
FENCING								
Remove existing chain link fencing	LF	\$5	380	\$1,900				
New 6' Vinyl Coated Chain Link Fencing	LF	\$38	380	\$14,440				
FENCING SUBTOTAL				\$16,340	\$16,300	\$18,700	\$2,400	\$21,100
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	6	\$900				
Install new bench (including pad)	EA	\$1,400	6	\$8,400				
New trash receptacle	EA	\$1,000	4	\$4,000				
New picnic table/chairs	EA	\$1,500	3	\$4,500				
New picnic tables	EA	\$1,000	2	\$2,000				
Replace drinking fountain	EA	\$7,500	1	\$7,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	120	\$4,200				
Water connection to shut-off	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$38,000	\$38,000	\$43,700	\$5,700	\$49,400

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Ornamental tree, 10' Ht.	EA	\$350	4	\$1,400				
Deciduous shrub	EA	\$55	25	\$1,375				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$10,600				
				\$10,600	\$12,200	\$1,600	\$13,800	
TOTALS:				\$291,915				
MOBILIZATION: 5%				\$14,596				
CONSTRUCTION CONTINGENCIES: 10%				\$29,192				
BASE IMPROVEMENT SUBTOTALS:				\$335,702				
SURVEY & TESTING 3%				\$10,071				
DESIGN & ENGINEERING 10%				\$33,570				
BASE IMPROVEMENT TOTALS:				\$379,344	\$291,900	\$335,700	\$43,800	\$379,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
BAKER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	300	\$3,600				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install tile drainage system in open field	LF	\$25	500	\$12,500				
Reset drainage structure and grade	LS	\$800	1	\$800				
Sod graded areas	SY	\$4.50	1,200	\$5,400				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$38,500	\$38,500	\$44,300	\$5,800	\$50,100
PAVEMENTS								
Remove existing concrete paving	SF	\$1.50	1,000	\$1,500				
New concrete pavement	SF	\$5.50	1,200	\$6,600				
Remove existing limestone pathway	SF	\$0.75	600	\$450				
New asphalt base and pavement	SY	\$30	140	\$4,200				
Incidental grading and seeding	LF	\$4.00	500	\$2,000				
PAVEMENTS SUBTOTAL				\$14,750	\$14,800	\$17,100	\$2,200	\$19,300
ATHLETIC FIELD								
New backstop	EA	\$8,000	1	\$8,000				
New benches with pads	EA	\$1,400	4	\$5,600				
Field fencing	LF	\$28	250	\$7,000				
ATHLETIC FIELD SUBTOTAL				\$20,600	\$20,600	\$23,700	\$3,100	\$26,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

BASKETBALL COURT								
Remove existing asphalt paving	SF	\$1.25	2,400	\$3,000				
New asphalt, base, and paint	SY	\$36	400	\$14,400				
New benches with pads	EA	\$1,300	2	\$2,600				
Remove existing pole/backboard	EA	\$800	2	\$1,600				
New basketball backboard/post	EA	\$2,500	2	\$5,000				
BASKETBALL COURT SUBTOTAL				\$26,600	\$26,600	\$30,600	\$4,000	\$34,600
PLAYGROUND								
Remove existing playground equipment	LS	\$5,000	1	\$5,000				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$5,000	1	\$5,000				
PLAYGROUND SUBTOTAL				\$165,000	\$165,000	\$189,800	\$24,700	\$214,500
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	7	\$1,050				
Install new bench (including pad)	EA	\$1,400	7	\$9,800				
New trash receptacle	EA	\$1,000	6	\$6,000				
New bike rack	EA	\$1,500	1	\$1,500				
Replace drinking fountain (on bldg)	EA	\$7,500	1	\$7,500				
SITE FURNISHINGS SUBTOTAL				\$28,350	\$28,400	\$32,700	\$4,300	\$37,000
FENCING								
Remove existing chain link fencing	LF	\$5	285	\$1,425				
New 6' vinyl coated chain link fencing	LF	\$38	285	\$10,830				
FENCING SUBTOTAL				\$12,255	\$12,300	\$14,200	\$1,900	\$16,100
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	100	\$5,500				
Evergreen Shrub	EA	\$65	50	\$3,250				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$19,200	\$19,200	\$22,100	\$2,900	\$25,000
TOTALS:				\$330,655				
MOBILIZATION: 5%				\$16,533				
CONSTRUCTION CONTINGENCIES: 10%				\$33,066				
BASE IMPROVEMENT SUBTOTALS:				\$380,253				
SURVEY & TESTING 3%				\$11,408				
DESIGN & ENGINEERING 10%				\$38,025				
BASE IMPROVEMENT TOTALS:				\$429,686	\$330,800	\$380,700	\$49,700	\$430,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
BECK PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,000	\$1,000	\$9,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	350	\$4,200				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	400	\$10,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install tile drainage system in open field	LF	\$25	500	\$12,500				
Sod graded areas	SY	\$4.50	1,200	\$5,400				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$42,000	\$42,000	\$48,300	\$6,300	\$54,600
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	13	\$45,500				
Conduit and wiring	LF	\$14	1,000	\$14,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$69,500	\$69,500	\$80,000	\$10,400	\$90,400
PAVEMENTS								
Remove existing asphalt pavement	SF	\$1.25	5,000	\$6,250				
New asphalt base and pavement	SY	\$30.00	675	\$20,250				
Remove concrete pavement	SF	\$1.50	500	\$750				
New concrete paving	SF	\$5.50	500	\$2,750				
Incidental grading and seeding	LF	\$4.00	1,000	\$4,000				
PAVEMENTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200
PLAYGROUND								
Remove existing playground equipment	LS	\$5,000	1	\$5,000				
New tot playground - large size	LS	\$75,000	1	\$75,000				
New 6-12 age playground - large size	LS	\$100,000	1	\$100,000				
New benches	EA	\$1,400	3	\$4,200				
New path to playground	SF	\$8	600	\$4,800				
Grading/landscape/sodding	LS	\$5,000	1	\$5,000				
PLAYGROUND SUBTOTAL				\$194,000	\$194,000	\$223,100	\$29,000	\$252,100
FENCING								
Remove existing chain link fencing	LF	\$5	920	\$4,600				
New 4' vinyl coated chain link fencing	LF	\$28	920	\$25,760				
FENCING SUBTOTAL				\$30,360	\$30,400	\$35,000	\$4,600	\$39,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	2	\$300				
Install new bench (including pad)	EA	\$1,400	2	\$2,800				
New trash receptacle	EA	\$1,000	3	\$3,000				
New bike rack	EA	\$1,500	1	\$1,500				
New cooking grills	EA	\$800	2	\$1,600				
New picnic tables	EA	\$1,000	6	\$6,000				
New deck overlook	SF	\$50	200	\$10,000				
New gazebo	LS	\$50,000	1	\$50,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	300	\$10,500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$103,700	\$103,700	\$119,700	\$15,600	\$135,300

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	25	\$12,500				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen shrub	EA	\$65	20	\$1,300				
LANDSCAPE SUBTOTAL				\$19,675	\$19,700	\$22,700	\$3,000	\$25,700
TOTALS:				\$500,235				
MOBILIZATION: 5%				\$25,012				
CONSTRUCTION CONTINGENCIES: 10%				\$50,024				
BASE IMPROVEMENT SUBTOTALS:				\$575,270				
SURVEY & TESTING 3%				\$17,258				
DESIGN & ENGINEERING 10%				\$57,527				
BASE IMPROVEMENT TOTALS:				\$650,055	\$500,300	\$575,900	\$75,000	\$650,900

**ESTIMATE OF PROBABLE CONSTRUCTION COST
BENT PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	750	\$6,000				
MISCELLANEOUS SUBTOTAL				\$6,600	\$6,600	\$7,600	\$1,000	\$8,600
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	300	\$3,600				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	400	\$10,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install tile drainage system in open field	LF	\$25	500	\$12,500				
Sod graded areas	SY	\$4.50	1,200	\$5,400				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$40,200	\$40,200	\$46,300	\$6,000	\$52,300
ELECTRICAL/LIGHTING								
New lights around building/playground	EA	\$3,500	3	\$10,500				
Conduit and wiring	LF	\$14	125	\$1,750				
Electrical controls/power source	LS	\$7,500	1	\$7,500				
ELECTRICAL/LIGHTING SUBTOTAL				\$19,750	\$19,800	\$22,800	\$3,000	\$25,800
PAVEMENTS								
Remove existing asphalt pavement driveway	SF	\$1.25	450	\$563				
New asphalt base and pavement driveway	SY	\$35.00	50	\$1,750				
New concrete path in north area	SF	\$5.50	1,400	\$7,700				
New paved seating area around flagpole	SF	\$9.00	600	\$5,400				
PAVEMENTS SUBTOTAL				\$15,413	\$15,400	\$17,700	\$2,300	\$20,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TENNIS COURTS								
New asphalt surface and color surfacing	SY	\$25	1,100	\$27,500				
Remove existing fencing	LF	\$5	400	\$2,000				
New sign-in boards	EA	\$200	2	\$400				
New 4' vinyl coated chain link fence	LF	\$28	80	\$2,240				
New 12' vinyl coated chain link fence	LF	\$55	320	\$17,600				
New posts/nets	EA	\$1,800	2	\$3,600				
TENNIS COURTS SUBTOTAL				\$53,340	\$53,300	\$61,300	\$8,000	\$69,300
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	4	\$24,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200
BASKETBALL COURT								
New asphalt surface and color surfacing	SY	\$25	350	\$8,750				
New benches with pads	EA	\$1,300	2	\$2,600				
Remove existing post/backboards	EA	\$800	2	\$1,600				
New basketball backboard/post	EA	\$2,500	2	\$5,000				
BASKETBALL COURT SUBTOTAL				\$17,950	\$18,000	\$20,700	\$2,700	\$23,400
SOCCER FIELD								
Grading/seeding	SF	\$0.10	61,000	\$6,100				
Irrigation system	SF	\$0.50	61,000	\$30,500				
SOCCER FIELD SUBTOTAL				\$36,600	\$36,600	\$42,100	\$5,500	\$47,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	9	\$12,600				
New trash receptacle	EA	\$1,000	5	\$5,000				
New bike rack	EA	\$1,500	1	\$1,500				
New player benches for softball field	EA	\$1,400	2	\$2,800				
New picnic tables	EA	\$1,000	6	\$6,000				
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500				
SITE FURNISHINGS SUBTOTAL				\$37,650	\$37,700	\$43,400	\$5,600	\$49,000
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$400	35	\$14,000				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen Shrub	EA	\$60	50	\$3,000				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$22,325	\$22,300	\$25,600	\$3,300	\$28,900
TOTALS:				\$283,828				
MOBILIZATION: 5%				\$14,191				
CONSTRUCTION CONTINGENCIES: 10%				\$28,383				
BASE IMPROVEMENT SUBTOTALS:				\$326,402				
SURVEY & TESTING 3%				\$9,792				
DESIGN & ENGINEERING 10%				\$32,640				
BASE IMPROVEMENT TOTALS:				\$368,834	\$283,900	\$326,600	\$42,500	\$369,100

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
BOAT RAMP**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,000	\$1,000	\$9,000
PAVEMENTS								
Resurface entrance drive pavement	SY	\$20.00	1,600	\$32,000				
Resurface parking lot	SY	\$20.00	2,800	\$56,000				
Concrete curbing	LF	\$18.00	800	\$14,400				
Extend concrete boat ramp	SF	\$25.00	2,500	\$62,500				
Ramp accessibility to dog beach	SF	\$5.50	500	\$2,750				
PAVEMENTS SUBTOTAL				\$167,650	\$167,700	\$192,900	\$25,100	\$218,000
BREAKWATER								
Stone breakwater	LS	\$150,000	1	\$150,000				
BREAKWATER SUBTOTAL				\$150,000	\$150,000	\$172,500	\$22,400	\$194,900
SITE FURNISHINGS								
Identification/Information signage	LS	\$2,500	1	\$2,500				
Breakwater signage	LS	\$1,500	1	\$1,500				
SITE FURNISHINGS SUBTOTAL				\$4,000	\$4,000	\$4,600	\$600	\$5,200
FENCING								
New gate on breakwater pier	EA	\$1,500	1	\$1,500				
New 5' vinyl coated chain link fence on breakwater	LF	\$35	500	\$17,500				
FENCING SUBTOTAL				\$19,000	\$19,000	\$21,900	\$2,800	\$24,700
TOTALS:				\$347,650				
MOBILIZATION: 5%				\$17,383				
CONSTRUCTION CONTINGENCIES: 10%				\$34,765				
BASE IMPROVEMENT SUBTOTALS:				\$399,798				
SURVEY & TESTING 3%				\$11,994				
DESIGN & ENGINEERING 10%				\$39,980				
BASE IMPROVEMENT TOTALS:				\$451,771	\$347,700	\$399,900	\$51,900	\$451,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
BRUMMEL-RICHMOND TOTLOT**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$3,800	\$3,800	\$4,400	\$600	\$5,000
PAVEMENTS								
Remove concrete pavement	SF	\$1.50	300	\$450				
New concrete paving	SF	\$5.50	300	\$1,650				
Incidental grading and seeding	LF	\$4.00	100	\$400				
PAVEMENTS SUBTOTAL				\$2,500	\$2,500	\$2,900	\$400	\$3,300
FENCING								
Remove existing chain link fencing	LF	\$5	50	\$250				
New 6' vinyl coated chain link fencing	LF	\$38	50	\$1,900				
FENCING SUBTOTAL				\$2,150	\$2,200	\$2,500	\$400	\$2,900
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	2	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$10,700	\$10,700	\$12,300	\$1,600	\$13,900
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	1	\$500				
LANDSCAPE SUBTOTAL				\$500	\$500	\$600	\$100	\$700
TOTALS:				\$19,650				
MOBILIZATION: 5%				\$983				
CONSTRUCTION CONTINGENCIES: 10%				\$1,965				
BASE IMPROVEMENT SUBTOTALS:				\$22,598				
SURVEY & TESTING 3%				\$678				
DESIGN & ENGINEERING 10%				\$2,260				
BASE IMPROVEMENT TOTALS:				\$25,535	\$19,700	\$22,700	\$3,100	\$25,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ESTIMATE OF PROBABLE CONSTRUCTION COST BURNHAM SHORES PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	500	\$6,000				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Sod graded areas	SY	\$4.50	2,500	\$11,250				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$34,650	\$34,700	\$39,900	\$5,200	\$45,100
ELECTRICAL/LIGHTING								
Remove existing light fixtures	EA	\$800	1	\$800				
New pedestrian lights/foundations	EA	\$3,500	11	\$38,500				
Conduit and wiring	LF	\$14	700	\$9,800				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$59,100	\$59,100	\$68,000	\$8,800	\$76,800
PAVEMENTS								
Reconstruct limestone path/edging	SF	\$2.50	7,400	\$18,500				
Reconstruct cinder path/edging	SF	\$2.50	2,200	\$5,500				
Remove concrete bumper guards	LS	\$1,000	1	\$1,000				
New concrete curbing	LF	\$18	500	\$9,000				
Remove existing asphalt pavement	SF	\$1.25	9,000	\$11,250				
New asphalt pavement drive	SY	\$20	1,000	\$20,000				
Incidental grading and seeding	LF	\$4.00	250	\$1,000				
PAVEMENTS SUBTOTAL				\$66,250	\$66,300	\$76,300	\$9,900	\$86,200
VOLLEYBALL COURT								
Remove sand	CY	\$20	125	\$2,500				
Fill and grade volleyball court area	CY	\$18	150	\$2,700				
Final grade and seed	SF	\$0.50	4,000	\$2,000				
VOLLEYBALL COURT SUBTOTAL				\$7,200	\$7,200	\$7,200	\$900	\$8,100
TENNIS COURTS								
Remove existing asphalt paving	SF	\$1.25	14,000	\$17,500				
New asphalt, base, and paint	SY	\$35.00	1,600	\$56,000				
Remove existing fencing	LF	\$5	480	\$2,400				
New sign-in boards	EA	\$200	2	\$400				
New 4' vinyl coated chain link fence	LF	\$28	140	\$3,920				
New 12' vinyl coated chain link fence	LF	\$55	340	\$18,700				
New posts/nets	EA	\$1,800	2	\$3,600				
TENNIS COURTS SUBTOTAL				\$102,520	\$102,500	\$117,900	\$15,300	\$133,200
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	4	\$24,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

PLAYGROUND									
Remove existing playground equipment	LS	\$3,500	1	\$3,500					
New tot playground - large size	LS	\$75,000	1	\$75,000					
New 6-12 age playground - large size	LS	\$100,000	1	\$100,000					
Grading/landscape/sodding	LS	\$5,000	1	\$5,000					
PLAYGROUND SUBTOTAL					\$183,500	\$183,500	\$211,000	\$27,400	\$238,400
SITE FURNISHINGS									
Identification sign	EA	\$2,500	1	\$2,500					
Remove existing bench	EA	\$150	12	\$1,800					
Install new bench (including pad)	EA	\$1,400	12	\$16,800					
New trash receptacle	EA	\$1,000	11	\$11,000					
New bike rack	EA	\$1,500	2	\$3,000					
New cooking grills	EA	\$800	3	\$2,400					
New charcoal receptacle	EA	\$800	2	\$1,600					
New picnic tables	EA	\$1,000	8	\$8,000					
New drinking fountain	EA	\$6,500	1	\$6,500					
RPZ	EA	\$3,000	1	\$3,000					
Copper pipe	LF	\$35	200	\$7,000					
Water tap and patch at street	EA	\$6,000	1	\$6,000					
SITE FURNISHINGS SUBTOTAL					\$69,600	\$69,600	\$81,200	\$10,600	\$91,800
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	25	\$12,500					
Ornamental tree, 10' Ht.	EA	\$350	15	\$5,250					
Deciduous shrub	EA	\$55	35	\$1,925					
Evergreen shrub	EA	\$65	20	\$1,300					
Perennial/ground cover beds	SF	\$6	250	\$1,500					
LANDSCAPE SUBTOTAL					\$22,475	\$22,500	\$25,900	\$3,400	\$29,300
TOTALS:					\$586,295				
MOBILIZATION: 5%					\$29,315				
CONSTRUCTION CONTINGENCIES: 10%					\$58,630				
BASE IMPROVEMENT SUBTOTALS:					\$674,239				
SURVEY & TESTING 3%					\$20,227				
DESIGN & ENGINEERING 10%					\$67,424				
BASE IMPROVEMENT TOTALS:					\$761,890	\$586,400	\$674,600	\$87,700	\$762,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
BUTLER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL					\$7,000	\$7,000	\$8,100	\$9,200
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	600	\$7,200				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	400	\$10,000				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Sod graded areas	SY	\$4.50	1,800	\$8,100				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$35,200	\$35,200	\$40,500	\$5,300	\$45,800
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	28	\$98,000				
Conduit and wiring	LF	\$14	2,500	\$35,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$143,000	\$143,000	\$164,500	\$21,400	\$185,900
PAVEMENTS								
Remove existing asphalt pavement	SF	\$1.25	12,000	\$15,000				
New asphalt base and pavement	SY	\$30.00	1,400	\$42,000				
Incidental grading and seeding	LF	\$4.00	2,400	\$9,600				
PAVEMENTS SUBTOTAL				\$66,600	\$66,600	\$76,600	\$10,000	\$86,600
PLAYGROUND								
Remove existing playground equipment	LS	\$4,000	1	\$4,000				
New tot playground - large size	LS	\$75,000	1	\$75,000				
New 6-12 age playground - large size	LS	\$100,000	1	\$100,000				
New benches	EA	\$1,400	2	\$2,800				
New seating area	SF	\$8	600	\$4,800				
Grading/landscape/sodding	LS	\$5,000	1	\$5,000				
PLAYGROUND SUBTOTAL				\$191,600	\$191,600	\$220,300	\$28,700	\$249,000
FENCING								
Remove existing chain link fencing	LF	\$5	2,100	\$10,500				
New 4' Vinyl Coated Chain Link Fencing	LF	\$28	2,100	\$58,800				
Remove and replace barriers at entrances	LF	\$25	300	\$7,500				
FENCING SUBTOTAL				\$76,800	\$76,800	\$88,300	\$11,500	\$99,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Remove existing bench	EA	\$150	12	\$1,800				
Install new bench (including pad)	EA	\$1,400	12	\$16,800				
New trash receptacle	EA	\$1,000	5	\$5,000				
New bike rack	EA	\$1,500	2	\$3,000				
New picnic tables	EA	\$1,000	4	\$4,000				
Remove backstops	EA	\$800	2	\$1,600				
New ballfield backstop	EA	\$8,000	1	\$8,000				
New deck overlook	SF	\$50	200	\$10,000				
New gazebo	EA	\$50,000	1	\$50,000				
Install fitness stations/surfacing	LS	\$18,000	1	\$18,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	250	\$8,750				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$147,450	\$147,500	\$169,600	\$22,000	\$191,600

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE				
Shade tree, 2.5" - 3" Cal.	EA	\$500	30	\$15,000
Ornamental tree, 10' Ht.	EA	\$350	10	\$3,500
Deciduous shrub	EA	\$55	150	\$8,250
Evergreen shrub	EA	\$65	25	\$1,625
Perennial/ground cover beds	SF	\$6	250	\$1,500
LANDSCAPE SUBTOTAL				\$29,875
				\$29,900
				\$34,400
				\$4,500
				\$38,900
TOTALS:				\$697,525
MOBILIZATION: 5%				\$34,876
CONSTRUCTION CONTINGENCIES: 10%				\$69,753
BASE IMPROVEMENT SUBTOTALS:				\$802,154
SURVEY & TESTING 3%				\$24,065
DESIGN & ENGINEERING 10%				\$80,215
BASE IMPROVEMENT TOTALS:				\$906,434
				\$697,600
				\$802,300
				\$104,500
				\$906,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CARTWRIGHT PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	400	\$4,800				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
RCP sewer pipe	LF	\$25	250	\$6,250				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install tile system beneath play sculpture	LF	\$25	150	\$3,750				
Sod graded areas	SY	\$4.50	1,200	\$5,400				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$27,700	\$27,700	\$31,900	\$4,100	\$36,000
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	5	\$17,500				
Conduit and wiring	LF	\$14	400	\$5,600				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$33,100	\$33,100	\$38,000	\$5,000	\$43,000
PAVEMENTS								
New asphalt on existing path	SY	\$20.00	390	\$7,800				
New asphalt base and pavement	SY	\$30.00	100	\$3,000				
New concrete path along Grant Street	SF	\$5.50	2,200	\$12,100				
Incidental grading and seeding	LF	\$4.00	2,200	\$8,800				
PAVEMENTS SUBTOTAL				\$31,700	\$31,700	\$36,500	\$4,700	\$41,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TENNIS COURTS									
New asphalt surface and color surfacing	SY	\$25.00	1,100	\$27,500					
Remove existing fencing	LF	\$5	400	\$2,000					
New sign-in boards	EA	\$200	2	\$400					
New benches	EA	\$1,400	4	\$5,600					
New 4' vinyl coated chain link fence	LF	\$28	80	\$2,240					
New 12' vinyl coated chain link fence	LF	\$55	320	\$17,600					
New posts/nets	EA	\$1,800	2	\$3,600					
TENNIS COURTS SUBTOTAL				\$58,940	\$59,000	\$67,900	\$8,800	\$76,700	
TENNIS COURTS LIGHTS									
New lighting	EA	\$6,000	4	\$24,000					
Lighting panels/control	LS	\$10,000	1	\$10,000					
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200	
BASKETBALL COURT									
New asphalt surface and color surfacing	SY	\$25	450	\$11,250					
New benches with pads	EA	\$1,300	2	\$2,600					
Remove existing post/backboards	EA	\$800	2	\$1,600					
New basketball backboard/post	EA	\$2,500	2	\$5,000					
BASKETBALL COURT SUBTOTAL				\$20,450	\$20,500	\$23,600	\$3,100	\$26,700	
SITE FURNISHINGS									
Identification sign	EA	\$2,500	2	\$5,000					
Remove existing bench	EA	\$150	10	\$1,500					
Install new bench (including pad)	EA	\$1,400	5	\$7,000					
New trash receptacle	EA	\$1,000	3	\$3,000					
New bike rack	EA	\$1,500	1	\$1,500					
New picnic tables	EA	\$1,000	4	\$4,000					
SITE FURNISHINGS SUBTOTAL				\$22,000	\$22,000	\$25,300	\$3,300	\$28,600	
PLAYGROUND									
Remove existing playground equipment	LS	\$5,000	1	\$5,000					
New tot playground - medium size	LS	\$65,000	1	\$65,000					
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000					
Accessible path to playground	SF	\$5.50	320	\$1,760					
Surfacing for play sculpture	SF	\$8	800	\$6,400					
Grading/landscape/sodding	LS	\$5,000	1	\$5,000					
PLAYGROUND SUBTOTAL				\$173,160	\$173,200	\$199,200	\$25,900	\$225,100	
FENCING									
Remove existing fence along Prospect Ave	LF	\$5	260	\$1,300					
New 5' vinyl coated chain link fencing	LF	\$33	260	\$8,580					
FENCING SUBTOTAL				\$9,880	\$9,900	\$11,400	\$1,500	\$12,900	
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500					
Deciduous shrub	EA	\$55	75	\$4,125					
Evergreen shrub	EA	\$65	50	\$3,250					
Perennial/ground cover beds	SF	\$6	250	\$1,500					
LANDSCAPE SUBTOTAL				\$16,375	\$16,400	\$18,900	\$2,500	\$21,400	
TOTALS:				\$432,705					
MOBILIZATION: 5%				\$21,635					
CONSTRUCTION CONTINGENCIES: 10%				\$43,271					
BASE IMPROVEMENT SUBTOTALS:				\$497,611					
SURVEY & TESTING 3%				\$14,928					
DESIGN & ENGINEERING 10%				\$49,761					
BASE IMPROVEMENT TOTALS:				\$562,300	\$432,900	\$498,000	\$64,800	\$562,800	

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CENTENNIAL PARK - CLARK STREET BEACH**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	16	\$56,000				
Conduit and wiring	LF	\$14	1,100	\$15,400				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$81,400	\$81,400	\$93,600	\$12,200	\$105,800
PAVEMENTS								
Remove asphalt path	SF	\$1.25	9,000	\$11,250				
Reconstruct new asphalt path	SY	\$30.00	1,200	\$36,000				
Reconstruct limestone path/edging	SF	\$2.50	6,000	\$15,000				
Reconstruct cinder path/edging	SF	\$2.50	3,500	\$8,750				
Concrete paving for beach entrance bldg	SF	\$5.50	600	\$3,300				
Provide accessible beach boardwalk	SF	\$40	650	\$26,000				
Incidental grading and seeding	LF	\$4.00	3,000	\$12,000				
PAVEMENTS SUBTOTAL				\$112,300	\$112,300	\$129,200	\$16,800	\$146,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Remove existing bench	EA	\$150	8	\$1,200				
Install new bench (including pad)	EA	\$1,400	8	\$11,200				
New trash receptacle	EA	\$1,000	13	\$13,000				
New bike rack	EA	\$1,500	3	\$4,500				
New picnic tables	EA	\$1,000	18	\$18,000				
New cooking grill	EA	\$800	6	\$4,800				
New charcoal receptacle	EA	\$800	3	\$2,400				
Breakwater signage	LS	\$1,000	1	\$1,000				
Install fitness stations/surfacing	LS	\$18,000	1	\$18,000				
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500				
SITE FURNISHINGS SUBTOTAL				\$85,600	\$85,600	\$100,500	\$13,100	\$113,600
FENCING								
New removable beach fencing	LF	\$50	800	\$40,000				
Remove existing fencing	LF	\$2	700	\$1,400				
New gate on breakwater pier	EA	\$1,000	1	\$1,000				
New 5' vinyl coated chain link fence on breakwater	LF	\$33	200	\$6,600				
FENCING SUBTOTAL				\$49,000	\$49,000	\$56,400	\$7,300	\$63,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	30	\$15,000				
Ornamental tree, 10' Ht.	EA	\$350	15	\$5,250				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen shrub	EA	\$65	75	\$4,875				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$30,750	\$30,800	\$35,400	\$4,600	\$40,000
TOTALS:				\$366,050				
MOBILIZATION: 5%				\$18,303				
CONSTRUCTION CONTINGENCIES: 10%				\$36,605				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

BASE IMPROVEMENT SUBTOTALS:	\$420,958				
SURVEY & TESTING 3%	\$12,629				
DESIGN & ENGINEERING 10%	\$42,096				
BASE IMPROVEMENT TOTALS:	\$475,682	\$366,100	\$423,200	\$55,100	\$478,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CHANDLER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	330	\$3,960				
Install new inlets east side of building	EA	\$2,500	3	\$7,500				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install tile system beneath play sculpture	LF	\$25	150	\$3,750				
Sod graded areas	SY	\$4.50	2,000	\$9,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$34,210	\$34,200	\$39,300	\$5,100	\$44,400
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	6	\$21,000				
New parking lot lights	EA	\$3,500	8	\$28,000				
Conduit and wiring	LF	\$14	1,100	\$15,400				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL LIGHTING SUBTOTAL				\$74,400	\$74,400	\$85,600	\$11,100	\$96,700
PAVEMENTS								
Remove concrete pkg lot curbing	LF	\$4.00	800	\$3,200				
New concrete pkg lot curbing	LF	\$18.00	1,000	\$18,000				
Remove existing asphalt paving	SF	\$1.25	25,000	\$31,250				
New asphalt paving - parking lot	SY	\$35.00	2,800	\$98,000				
New pedestrian concrete sidewalks	SF	\$5.50	2,800	\$15,400				
Incidental grading and seeding	LF	\$4.00	2,000	\$8,000				
PAVEMENTS SUBTOTAL				\$173,850	\$173,900	\$200,000	\$26,000	\$226,000
BASKETBALL COURT								
New asphalt surface and color surfacing	SY	\$36	225	\$8,100				
New basketball poles/backboard	EA	\$2,500	2	\$5,000				
Resurface existing basketball court/paving	SY	\$25	225	\$5,625				
BASKETBALL COURT SUBTOTAL				\$18,725	\$18,800	\$21,600	\$2,800	\$24,400
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Install new bench (including pad)	EA	\$1,400	7	\$9,800				
New trash receptacle	EA	\$1,000	8	\$8,000				
New bike rack	EA	\$1,500	4	\$6,000				
New picnic tables	EA	\$1,000	6	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$34,800	\$34,800	\$40,000	\$5,200	\$45,200
FENCING								
Remove existing around playground	LF	\$5	300	\$1,500				
Remove existing along CTA	LF	\$5	800	\$4,000				
New 6' Vinyl Coated Fencing along CTA	LF	\$38	800	\$30,400				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

New 4' vinyl coated chain link fencing around playground	LF	\$28	300	\$8,400					
FENCING SUBTOTAL				\$44,300	\$44,300	\$50,900	\$6,600	\$57,500	
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	20	\$10,000					
Ornamental tree, 10' Ht.	EA	\$350	8	\$2,800					
Deciduous shrub	EA	\$55	150	\$8,250					
Evergreen shrub	EA	\$65	75	\$4,875					
Perennial/ground cover beds	SF	\$6	250	\$1,500					
LANDSCAPE SUBTOTAL				\$27,425	\$27,400	\$31,500	\$4,100	\$35,600	
TOTALS:				\$414,710					
MOBILIZATION: 5%				\$20,736					
CONSTRUCTION CONTINGENCIES: 10%				\$41,471					
BASE IMPROVEMENT SUBTOTALS:				\$476,917					
SURVEY & TESTING 3%				\$14,307					
DESIGN & ENGINEERING 10%				\$47,692					
BASE IMPROVEMENT TOTALS:				\$538,916	\$414,800	\$477,000	\$62,000	\$539,000	

ESTIMATE OF PROBABLE CONSTRUCTION COST

CLARK SQUARE PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Eng Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Remove sand box	LS	\$800	1	\$800				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
ELECTRICAL/LIGHTING								
Remove existing light fixtures	EA	\$800	2	\$1,600				
New pedestrian lights/foundations	EA	\$3,500	10	\$35,000				
Conduit and wiring	LF	\$14	850	\$11,900				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$58,500	\$58,500	\$67,300	\$8,700	\$76,000
PAVEMENTS								
Remove asphalt path	SF	\$1.25	3,800	\$4,750				
Reconstruct new asphalt path	SY	\$30.00	750	\$22,500				
Reconstruct limestone path/edging	SF	\$2.50	2,600	\$6,500				
Incidental grading and seeding	LF	\$4.00	1,600	\$6,400				
PAVEMENTS SUBTOTAL				\$40,150	\$40,200	\$46,200	\$6,000	\$52,200
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	6	\$900				
Install new bench (including pad)	EA	\$1,400	8	\$11,200				
New trash receptacle	EA	\$1,000	6	\$6,000				
New picnic tables	EA	\$1,000	4	\$4,000				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	150	\$5,250				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$45,350	\$45,400	\$52,200	\$6,800	\$59,000
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500				
Ornamental tree, 10' Ht.	EA	\$350	8	\$2,800				
Evergreen tree	EA	\$400	3	\$1,200				
Deciduous shrub	EA	\$55	50	\$2,750				
Evergreen shrub	EA	\$65	50	\$3,250				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$19,000	\$19,000	\$21,900	\$2,800	\$24,700
TOTALS:				\$168,400				
MOBILIZATION: 5%				\$8,420				
CONSTRUCTION CONTINGENCIES: 10%				\$16,840				
BASE IMPROVEMENT SUBTOTALS:				\$193,660				
SURVEY & TESTING 3%				\$5,810				
DESIGN & ENGINEERING 10%				\$19,366				
BASE IMPROVEMENT TOTALS:				\$218,836	\$168,500	\$193,800	\$25,100	\$218,900

ESTIMATE OF PROBABLE CONSTRUCTION COST

CLYDE BRUMMEL PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
GRADING DRAINAGE & UTILITIES								
Remove retaining wall	LF	\$35	50	\$1,750				
Regrade open area to improve drainage	CY	\$12	300	\$3,600				
Install new inlets	EA	\$2,500	2	\$5,000				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Sod graded areas	SY	\$4.50	500	\$2,250				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$22,600	\$22,600	\$26,000	\$3,400	\$29,400

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	8	\$28,000				
Conduit and wiring	LF	\$14	500	\$7,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$45,000	\$45,000	\$51,800	\$6,800	\$58,600
PAVEMENTS								
Remove asphalt path	SF	\$1.25	1,500	\$1,875				
New asphalt base and pavement	SY	\$30.00	225	\$6,750				
New limestone screening	SF	\$2.50	1,900	\$4,750				
Incidental grading and seeding	LF	\$4.00	300	\$1,200				
PAVEMENTS SUBTOTAL				\$14,575	\$14,600	\$16,800	\$2,200	\$19,000
BASKETBALL COURT								
New color surfacing	SY	\$5	1,650	\$8,250				
New benches with pads	EA	\$1,300	2	\$2,600				
Remove existing post/backboards	EA	\$800	2	\$1,600				
New bleacher	EA	\$5,000	1	\$5,000				
Padding around backboard posts	EA	\$500	2	\$1,000				
New basketball backboard/post	EA	\$2,500	2	\$5,000				
BASKETBALL COURT SUBTOTAL				\$23,450	\$23,500	\$27,000	\$3,500	\$30,500
PLAYGROUND								
Remove existing playground equipment	LS	\$4,000	1	\$4,000				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
New benches	EA	\$1,400	2	\$2,800				
Grading/landscape/sodding	LS	\$1,500	1	\$1,500				
PLAYGROUND SUBTOTAL				\$163,300	\$163,300	\$186,700	\$24,300	\$211,000
FENCING								
New 4' vinyl coated chain link fencing around playground	LF	\$28	80	\$2,240				
FENCING SUBTOTAL				\$2,240	\$2,300	\$2,600	\$400	\$3,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	3	\$3,000				
New picnic tables	EA	\$1,000	5	\$5,000				
New bike racks	EA	\$1,500	3	\$4,500				
SITE FURNISHINGS SUBTOTAL				\$21,200	\$21,200	\$24,400	\$3,200	\$27,600

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Deciduous shrub	EA	\$55	125	\$6,875				
Evergreen shrub	EA	\$65	75	\$4,875				
LANDSCAPE SUBTOTAL				\$15,450	\$15,450	\$18,800	\$2,400	\$21,200
TOTALS:				\$312,415				
MOBILIZATION: 5%				\$15,621				
CONSTRUCTION CONTINGENCIES: 10%				\$31,242				
BASE IMPROVEMENT SUBTOTALS:				\$359,277				
SURVEY & TESTING 3%				\$10,778				
DESIGN & ENGINEERING 10%				\$35,928				
BASE IMPROVEMENT TOTALS:				\$405,983	\$312,550	\$359,400	\$46,900	\$406,300

ESTIMATE OF PROBABLE CONSTRUCTION COST

CONGREGATION PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
PAVEMENTS								
New concrete sidewalk	SF	\$5.50	350	\$1,925				
Incidental grading and seeding	LF	\$4.00	70	\$280				
PAVEMENTS SUBTOTAL				\$2,205	\$2,200	\$2,500	\$300	\$2,800
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$4,200	\$4,600	\$5,300	\$700	\$6,000
TOTALS:				\$6,405				
MOBILIZATION: 5%				\$320				
CONSTRUCTION CONTINGENCIES: 10%				\$641				
BASE IMPROVEMENT SUBTOTALS:				\$7,366				
SURVEY & TESTING 3%				\$221				
DESIGN & ENGINEERING 10%				\$737				
BASE IMPROVEMENT TOTALS:				\$8,323	\$6,800	\$7,800	\$1,000	\$8,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CROWN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	1,500	\$12,000				
MISCELLANEOUS SUBTOTAL				\$12,600	\$12,600	\$14,500	\$1,900	\$16,400
GRADING DRAINAGE & UTILITIES								
Regrade ballfield area to improve drainage	CY	\$12	3,000	\$36,000				
Install irrigation system	SF	\$0.50	190,000	\$95,000				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	4	\$4,800				
RCP sewer pipe	LF	\$25	1,000	\$25,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed graded areas	SY	\$1.00	20,000	\$20,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$188,300	\$188,300	\$216,500	\$28,100	\$244,600
ELECTRICAL/LIGHTING								
New parking lot lights	EA	\$3,200	12	\$38,400				
Relocate ballfield lights	EA	\$2,500	12	\$30,000				
Conduit and wiring	LF	\$14	1,600	\$22,400				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$100,800	\$100,800	\$115,900	\$15,100	\$131,000
PAVEMENTS								
Remove concrete pkg lot curbing	LF	\$4.00	600	\$2,400				
New concrete pkg lot curbing	LF	\$18.00	2,000	\$36,000				
Remove asphalt parking lot	SF	\$1.25	50,000	\$62,500				
New asphalt paving - parking lot	SY	\$20	16,600	\$332,000				
Parking lot drainage inlets	EA	\$2,500	6	\$15,000				
Parking lot manholes	EA	\$2,500	2	\$5,000				
RCP sewer pipe	LF	\$25	1,000	\$25,000				
New service/access drive at northeast field	SY	\$35	220	\$7,700				
New pedestrian asphalt sidewalks	SY	\$30	700	\$21,000				
Incidental grading and seeding	SY	\$1	3,000	\$3,000				
PAVEMENTS SUBTOTAL				\$509,600	\$509,600	\$586,000	\$76,200	\$662,200
TENNIS COURTS								
Remove existing asphalt paving	SF	\$1.25	21,600	\$27,000				
New asphalt, base, and paint	SY	\$35.00	2,400	\$84,000				
Remove existing fencing	LF	\$5	600	\$3,000				
New sign-in boards	EA	\$200	4	\$800				
Player benches	EA	\$1,400	4	\$5,600				
New 4' vinyl coated chain link fence	LF	\$28	140	\$3,920				
New 12' vinyl coated chain link fence	LF	\$55	600	\$33,000				
New posts/nets	EA	\$1,800	4	\$7,200				
TENNIS COURTS SUBTOTAL				\$164,520	\$164,500	\$189,200	\$24,600	\$213,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	6	\$36,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$46,000	\$46,000	\$52,900	\$6,900	\$59,800
RECREATIONAL/ATHLETIC FACILITIES								
Remove fencing around inline skating	LF	\$5	220	\$1,100				
Remove roller rink hockey lights	LS	\$500	3	\$1,500				
Remove basketball posts/backboards	EA	\$750	2	\$1,500				
Replace ballfield dugout areas	EA	\$1,500	2	\$3,000				
New goal posts	EA	\$3,500	2	\$7,000				
Ballfield field fencing	LF	\$30	800	\$24,000				
New backstop	EA	\$13,000	1	\$13,000				
New benches with pads	EA	\$1,400	4	\$5,600				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$56,700	\$56,700	\$65,200	\$8,500	\$73,700
SITE FURNISHINGS								
Identification sign	EA	\$2,500	4	\$10,000				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	8	\$11,200				
New trash receptacle	EA	\$1,000	17	\$17,000				
New drinking fountain	EA	\$6,500	3	\$19,500				
Copper pipe	LF	\$35	200	\$7,000				
New bike racks	EA	\$1,500	3	\$4,500				
SITE FURNISHINGS SUBTOTAL				\$69,800	\$69,800	\$80,300	\$10,400	\$90,700
FENCING								
Remove existing along boundary streets	LF	\$5	1,600	\$8,000				
New 4' vinyl coated chain link fencing	LF	\$28	1,200	\$33,600				
FENCING SUBTOTAL				\$41,600	\$41,600	\$47,800	\$6,200	\$54,000
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	35	\$17,500				
Ornamental tree, 10' Ht.	EA	\$350	10	\$3,500				
Evergreen tree	EA	\$400	5	\$2,000				
Deciduous shrub	EA	\$55	300	\$16,500				
Evergreen shrub	EA	\$65	50	\$3,250				
Perennial/ground cover beds	SF	\$6	300	\$1,800				
LANDSCAPE SUBTOTAL				\$44,550	\$44,600	\$51,300	\$6,700	\$58,000
TOTALS:				\$1,234,470				
MOBILIZATION: 5%				\$61,724				
CONSTRUCTION CONTINGENCIES: 10%				\$123,447				
BASE IMPROVEMENT SUBTOTALS:				\$1,419,641				
SURVEY & TESTING 3%				\$42,589				
DESIGN & ENGINEERING 10%				\$141,964				
BASE IMPROVEMENT TOTALS:				\$1,604,194	\$1,234,500	\$1,419,600	\$184,600	\$1,604,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ESTIMATE OF PROBABLE CONSTRUCTION COST

CURREY PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$3,800	\$3,800	\$4,400	\$600	\$5,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	200	\$2,400				
Install inlets with restrictors	EA	\$2,500	1	\$2,500				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Sod graded areas	SY	\$4.50	1,000	\$4,500				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$20,600	\$20,600	\$23,700	\$3,100	\$26,800
BASKETBALL COURT								
Add limestone screening surface around court	SF	\$2.50	1,750	\$4,375				
BASKETBALL COURT SUBTOTAL				\$4,375	\$4,400	\$5,000	\$700	\$5,700
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
New trash receptacle	EA	\$1,000	3	\$3,000				
SITE FURNISHINGS SUBTOTAL				\$5,500	\$5,500	\$6,300	\$800	\$7,100
FENCING								
Remove existing chain link fencing	LF	\$5	100	\$500				
New 6' vinyl coated chain link fencing	LF	\$38	100	\$3,800				
FENCING SUBTOTAL				\$4,300	\$4,300	\$4,900	\$600	\$5,500
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	5	\$2,500				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Deciduous shrub	EA	\$55	20	\$1,100				
Evergreen shrub	EA	\$65	20	\$1,300				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$6,800	\$6,800	\$7,800	\$1,000	\$8,800
TOTALS:				\$45,375				
MOBILIZATION: 5%				\$2,269				
CONSTRUCTION CONTINGENCIES: 10%				\$4,538				
BASE IMPROVEMENT SUBTOTALS:				\$52,181				
SURVEY & TESTING 3%				\$1,565				
DESIGN & ENGINEERING 10%				\$5,218				
BASE IMPROVEMENT TOTALS:				\$58,965	\$45,400	\$52,200	\$6,800	\$58,900

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ESTIMATE OF PROBABLE CONSTRUCTION COST

DAWES PARK - GREENWOOD BEACH

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
New talmadge lights/foundations	EA	\$3,500	32	\$112,000				
Conduit and wiring	LF	\$14	2,100	\$29,400				
Install new water pump for lagoon	LS	\$7,500	1	\$7,500				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$158,900	\$158,900	\$182,700	\$23,800	\$206,500
PAVEMENTS								
Remove asphalt path	SF	\$1.25	8,400	\$10,500				
Reconstruct new asphalt path	SY	\$30.00	1,350	\$40,500				
Resurface asphalt walk	SY	\$20.00	450	\$9,000				
Reconstruct limestone path/edging	SF	\$2.50	9,500	\$23,750				
Reconstruct cinder path/edging	SF	\$2.50	1,200	\$3,000				
Concrete paving for beach entrance bldg	SF	\$5.50	650	\$3,575				
Provide accessible beach boardwalk	SF	\$40	650	\$26,000				
New asphalt lagoon bottom paving	SY	\$20	2,400	\$48,000				
Modify and rebuild parking lot	SY	\$35.00	1,700	\$59,500				
New concrete curb	LF	\$15.00	800	\$12,000				
Incidental grading and seeding	LF	\$4.00	3,000	\$12,000				
PAVEMENTS SUBTOTAL				\$247,825	\$247,800	\$285,000	\$37,000	\$322,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Remove existing bench	EA	\$150	15	\$2,250				
Install new bench (including pad)	EA	\$1,400	15	\$21,000				
New trash receptacle	EA	\$1,000	22	\$22,000				
New picnic table	EA	\$1,000	16	\$16,000				
New cooking grill	EA	\$800	7	\$5,600				
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500				
Breakwater signage	LS	\$1,000	1	\$1,000				
New bike racks	EA	\$1,500	4	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$85,350	\$85,400	\$98,200	\$12,800	\$111,000
FENCING								
New removable beach fencing	LF	\$50	700	\$35,000				
Remove existing fencing	LF	\$2	700	\$1,400				
New gate on breakwater pier	EA	\$1,000	1	\$1,000				
New 5" vinyl coated chain link fence on breakwater	LF	\$33	200	\$6,600				
FENCING SUBTOTAL				\$44,000	\$44,000	\$50,600	\$6,600	\$57,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ICE RINK				
Regrade open area to improve drainage	CY	\$12	500	\$6,000
Install inlets with restrictors	EA	\$2,500	1	\$2,500
Install inlets	EA	\$1,200	2	\$2,400
RCP sewer pipe	LF	\$25	250	\$6,250
Connection to sewer and patch	EA	\$2,500	1	\$2,500
Sod graded areas	SY	\$4.50	4,500	\$20,250
Ice mechanical systems	LS	\$250,000	1	\$250,000
Flood lights	EA	\$4,500	4	\$18,000
Conduit and wiring	LF	\$14	800	\$11,200
Electrical controls/power source	LS	\$10,000	1	\$10,000
ICE RINK SUBTOTAL				\$329,100
				\$329,100
				\$378,500
				\$49,200
				\$427,700
LANDSCAPE				
Shade tree, 2.5" - 3" Cal.	EA	\$500	35	\$17,500
Ornamental tree, 10' Ht.	EA	\$350	8	\$2,800
Deciduous shrub	EA	\$55	150	\$8,250
Evergreen shrub	EA	\$65	85	\$5,525
Perennial/ground cover beds	SF	\$6	300	\$1,800
LANDSCAPE SUBTOTAL				\$35,875
				\$35,900
				\$41,300
				\$5,400
				\$46,700
TOTALS:				\$905,650
MOBILIZATION: 5%				\$45,283
CONSTRUCTION CONTINGENCIES: 10%				\$90,565
BASE IMPROVEMENT SUBTOTALS:				\$1,041,498
SURVEY & TESTING 3%				\$31,245
DESIGN & ENGINEERING 10%				\$104,150
BASE IMPROVEMENT TOTALS:				\$1,176,892
				\$905,700
				\$1,041,600
				\$135,500
				\$1,177,100

**ESTIMATE OF PROBABLE CONSTRUCTION COST
DEMPSTER BEACH**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
New pathway lights	EA	\$3,500	6	\$21,000				
Conduit and wiring	LF	\$14	500	\$7,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$28,000	\$28,000	\$32,200	\$4,200	\$36,400
PAVEMENTS								
Lengthen sail boat ramp	SF	\$25.00	600	\$15,000				
New concrete curb	LF	\$18.00	400	\$7,200				
Modify and rebuilt drive	SY	\$35.00	600	\$21,000				
Reconstruct limestone path/edging	SF	\$2.50	3,000	\$7,500				
Resurface asphalt walk	SY	\$20.00	200	\$4,000				
Incidental grading and seeding	LF	\$4.00	3,000	\$12,000				
PAVEMENTS SUBTOTAL				\$66,700	\$66,700	\$76,700	\$10,000	\$86,700

APPENDIX A – PARK SITE IMPROVEMENT COSTS

SITE FURNISHINGS				
Identification sign	EA	\$2,500	1	\$2,500
New trash receptacle	EA	\$1,000	4	\$4,000
Breakwater signage	LS	\$1,000	1	\$1,000
New bike racks	EA	\$1,500	2	\$3,000
SITE FURNISHINGS SUBTOTAL				\$10,500
FENCING				
New removable beach fencing	LF	\$50	300	\$15,000
Remove existing fencing	LF	\$2	300	\$600
New gate on breakwater pier	EA	\$1,000	1	\$1,000
New 5' vinyl coated chain link fence on breakwater	LF	\$33	200	\$6,600
FENCING SUBTOTAL				\$23,200
LANDSCAPE				
Shade tree, 2.5" - 3" Cal.	EA	\$500	4	\$2,000
Ornamental tree, 10' Ht.	EA	\$350	2	\$700
Deciduous shrub	EA	\$55	45	\$2,475
Evergreen shrub	EA	\$65	40	\$2,600
Perennial/ground cover beds	SF	\$6	300	\$1,800
LANDSCAPE SUBTOTAL				\$9,575
TOTALS:				\$142,575
MOBILIZATION: 5%				\$7,129
CONSTRUCTION CONTINGENCIES: 10%				\$14,258
BASE IMPROVEMENT SUBTOTALS:				\$163,961
SURVEY & TESTING 3%				\$4,919
DESIGN & ENGINEERING 10%				\$16,396
BASE IMPROVEMENT TOTALS:				\$185,276
				\$142,600
				\$164,000
				\$21,400
				\$185,400

ESTIMATE OF PROBABLE CONSTRUCTION COST

DOBSON-BRUMMEL PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
PAVEMENTS								
New concrete path for ADA accessibility to playground	SF	\$5.50	100	\$550				
PAVEMENTS SUBTOTAL				\$550	\$600	\$700	\$100	\$800
SITE FURNISHINGS								
Identification sign	EA	\$1,500	1	\$1,500				
New trash receptacle	EA	\$1,000	3	\$3,000				
SITE FURNISHINGS SUBTOTAL				\$4,500	\$4,500	\$5,200	\$700	\$5,900
FENCING								
Remove existing chain link fencing	LF	\$5	650	\$3,250				
New 4' vinyl coated chain link fencing	LF	\$28	650	\$18,200				
FENCING SUBTOTAL				\$21,450	\$21,500	\$24,800	\$3,200	\$28,000
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Deciduous shrub	EA	\$55	25	\$1,375				
Evergreen shrub	EA	\$65	25	\$1,625				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Reseed lawn areas	SF	\$0.15	5,200	\$780				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$7,680	\$7,700	\$8,900	\$1,200	\$10,100
TOTALS:				\$34,180				
MOBILIZATION: 5%				\$1,709				
CONSTRUCTION CONTINGENCIES: 10%				\$3,418				
BASE IMPROVEMENT SUBTOTALS:				\$39,307				
SURVEY & TESTING 3%				\$1,179				
DESIGN & ENGINEERING 10%				\$3,931				
BASE IMPROVEMENT TOTALS:				\$44,417	\$34,300	\$39,600	\$5,200	\$44,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
EGGLESTON PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Clean-up of garden area	SF	\$0.50	20,000	\$10,000				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$13,800	\$13,800	\$15,900	\$2,100	\$18,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	300	\$3,600				
Install inlets with restrictors	EA	\$2,500	1	\$2,500				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Water line	LF	\$35	150	\$5,250				
Sod graded areas	SY	\$4.50	2,000	\$9,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$32,750	\$32,800	\$37,800	\$4,900	\$42,700
ELECTRICAL/LIGHTING								
New light poles/fixtures	EA	\$3,500	2	\$7,000				
Conduit and wiring	LF	\$14	300	\$4,200				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$21,200	\$21,200	\$24,400	\$3,200	\$27,600
PAVEMENTS								
Remove existing concrete pavement	SF	\$1.50	1,200	\$1,800				
New concrete pavement	SF	\$5.50	1,200	\$6,600				
Reconstruct limestone path/edging	SF	\$2.50	2,300	\$5,750				
Incidental grading and seeding	LF	\$4.00	3,000	\$12,000				
PAVEMENTS SUBTOTAL				\$26,150	\$26,200	\$30,100	\$3,900	\$34,000
BASKETBALL COURT								
Remove asphalt pavement	SF	\$1	2,800	\$2,800				
New asphalt base, surface & color surfacing	SY	\$36	200	\$7,200				
Remove basketball backboard	EA	\$500	1	\$500				
BASKETBALL COURT SUBTOTAL				\$10,500	\$10,500	\$12,000	\$1,600	\$13,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Remove existing bench	EA	\$150	6	\$900					
Install new bench (including pad)	EA	\$1,400	6	\$8,400					
New trash receptacle	EA	\$1,000	2	\$2,000					
New drinking fountain	EA	\$6,500	1	\$6,500					
Copper pipe	LF	\$35	120	\$4,200					
RPZ	EA	\$3,000	1	\$3,000					
Water tap and patch at street	EA	\$6,000	1	\$6,000					
SITE FURNISHINGS SUBTOTAL				\$33,500	\$33,500	\$38,500	\$5,000	\$43,500	
PLAYGROUND									
Remove existing playground equipment	LS	\$4,000	1	\$4,000					
New tot playground - medium size	LS	\$65,000	1	\$65,000					
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000					
Grading/landscape/sodding	LS	\$5,000	1	\$5,000					
PLAYGROUND SUBTOTAL				\$164,000	\$164,000	\$188,600	\$24,500	\$213,100	
FENCING									
Wood split-rail fence	LF	\$25	750	\$18,750					
FENCING SUBTOTAL				\$18,750	\$18,800	\$21,600	\$2,800	\$24,400	
SITE DEVELOPMENT of GARDEN AREA									
Site development	LS	\$50,000	1	\$50,000					
SITE DEVELOPMENT SUBTOTAL				\$50,000	\$50,000	\$57,500	\$7,500	\$65,000	
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500					
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750					
Deciduous shrub	EA	\$55	60	\$3,300					
Evergreen shrub	EA	\$65	25	\$1,625					
Perennial/ground cover beds	SF	\$6	200	\$1,200					
LANDSCAPE SUBTOTAL				\$15,375	\$15,400	\$17,700	\$2,300	\$20,000	
TOTALS:				\$386,025					
MOBILIZATION: 5%				\$19,301					
CONSTRUCTION CONTINGENCIES: 10%				\$38,603					
BASE IMPROVEMENT SUBTOTALS:				\$443,929					
SURVEY & TESTING 3%				\$13,318					
DESIGN & ENGINEERING 10%				\$44,393					
BASE IMPROVEMENT TOTALS:				\$501,639	\$386,200	\$444,100	\$57,800	\$501,900	

**ESTIMATE OF PROBABLE CONSTRUCTION COST
EIDEN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$3,800	\$3,800	\$4,400	\$600	\$5,000
GRADING DRAINAGE & UTILITIES								

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Regrade open area to improve drainage	CY	\$12	200	\$2,400					
Install inlets with restrictors	EA	\$2,500	1	\$2,500					
RCP sewer pipe	LF	\$25	150	\$3,750					
Connection to sewer and patch	EA	\$2,500	1	\$2,500					
Sod graded areas	SY	\$4.50	1,300	\$5,850					
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$17,000	\$17,000	\$19,600	\$2,500	\$22,100	
PAVEMENTS									
Remove existing asphalt paving	SF	\$1.25	800	\$1,000					
New asphalt surfacing	SY	\$20	100	\$2,000					
New asphalt base and paving	SY	\$35.00	370	\$12,950					
Incidental grading and seeding	LF	\$4.00	400	\$1,600					
PAVEMENTS SUBTOTAL				\$17,550	\$17,600	\$20,200	\$2,600	\$22,800	
SITE FURNISHINGS									
Identification sign	EA	\$2,500	1	\$2,500					
Remove existing bench	EA	\$150	6	\$900					
Install new bench (including pad)	EA	\$1,400	6	\$8,400					
New trash receptacle	EA	\$1,000	6	\$6,000					
New drinking fountain	EA	\$6,500	1	\$6,500					
Copper pipe	LF	\$35	150	\$5,250					
RPZ	EA	\$3,000	1	\$3,000					
Water tap and patch at street	EA	\$6,000	1	\$6,000					
SITE FURNISHINGS SUBTOTAL				\$38,550	\$38,600	\$44,400	\$5,800	\$50,200	
PLAYGROUND									
Remove existing playground equipment	LS	\$4,000	1	\$4,000					
New tot playground - medium size	LS	\$65,000	1	\$65,000					
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000					
Grading/landscape/sodding	LS	\$2,500	1	\$2,500					
PLAYGROUND SUBTOTAL				\$161,500	\$161,500	\$185,700	\$24,100	\$209,800	
FENCING									
Wood split-rail fence	LF	\$25	250	\$6,250					
FENCING SUBTOTAL				\$6,250	\$6,300	\$7,200	\$900	\$8,100	
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	12	\$6,000					
Ornamental tree, 10' Ht.	EA	\$350	4	\$1,400					
Deciduous shrub	EA	\$55	60	\$3,300					
Evergreen shrub	EA	\$65	30	\$1,950					
Perennial/ground cover beds	SF	\$6	200	\$1,200					
LANDSCAPE SUBTOTAL				\$13,850	\$13,900	\$16,000	\$2,100	\$18,100	
TOTALS:				\$258,500					
MOBILIZATION: 5%				\$12,925					
CONSTRUCTION CONTINGENCIES: 10%				\$25,850					
BASE IMPROVEMENT SUBTOTALS:				\$297,275					
SURVEY & TESTING 3%				\$8,918					
DESIGN & ENGINEERING 10%				\$29,728					
BASE IMPROVEMENT TOTALS:				\$335,921	\$258,700	\$297,500	\$38,600	\$336,100	

ESTIMATE OF PROBABLE CONSTRUCTION COST

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ELLINGWOOD PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
New trash receptacle	EA	\$1,000	2	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$4,000	\$4,000	\$4,600	\$600	\$5,200
FENCING								
Remove existing chain link fencing	LF	\$5	300	\$1,500				
New 4' vinyl coated chain link fencing	LF	\$28	300	\$8,400				
FENCING SUBTOTAL				\$9,900	\$9,900	\$11,400	\$1,500	\$12,900
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	2	\$1,000				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Deciduous shrub	EA	\$55	25	\$1,375				
Evergreen shrub	EA	\$65	20	\$1,300				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$5,575	\$5,600	\$6,400	\$800	\$7,200
TOTALS:				\$19,475				
MOBILIZATION: 5%				\$974				
CONSTRUCTION CONTINGENCIES: 10%				\$1,948				
BASE IMPROVEMENT SUBTOTALS:				\$22,396				
SURVEY & TESTING 3%				\$672				
DESIGN & ENGINEERING 10%				\$2,240				
BASE IMPROVEMENT TOTALS:				\$25,308	\$19,500	\$22,400	\$2,900	\$25,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
ELLIOTT PARK - LEE STREET BEACH**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	1,000	\$8,000				
MISCELLANEOUS SUBTOTAL				\$8,600	\$8,600	\$9,900	\$1,300	\$11,200
ELECTRICAL/LIGHTING								
New light poles/fixtures/foundations	EA	\$3,500	7	\$24,500				
Conduit and wiring	LF	\$14	650	\$9,100				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$43,600	\$43,600	\$50,100	\$6,500	\$56,600
PAVEMENTS								
Remove asphalt path	SF	\$1.25	6,000	\$7,500				
Reconstruct new asphalt path	SY	\$30.00	800	\$24,000				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Reconstruct limestone path/edging	SF	\$2.50	8,600	\$21,500					
Reconstruct cinder path/edging	SF	\$2.50	5,900	\$14,750					
Concrete paving for beach entrance bldg	SF	\$5.50	1,800	\$9,900					
Provide accessible beach boardwalk	SF	\$40	650	\$26,000					
Incidental grading and seeding	LF	\$4.00	1,800	\$7,200					
PAVEMENTS SUBTOTAL					\$110,850	\$110,900	\$127,500	\$16,600	\$144,100
SITE FURNISHINGS									
Identification sign	EA	\$2,500	2	\$5,000					
Remove existing bench	EA	\$150	6	\$900					
Install new bench (including pad)	EA	\$1,400	12	\$16,800					
New trash receptacle	EA	\$1,000	16	\$16,000					
New picnic table	EA	\$1,000	12	\$12,000					
New cooking grill	EA	\$800	3	\$2,400					
New charcoal receptacle	EA	\$800	2	\$1,600					
Remove existing fitness stations	LS	\$1,500	1	\$1,500					
New fitness stations	LS	\$25,000	1	\$25,000					
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500					
Breakwater signage	LS	\$1,000	1	\$1,000					
New bike racks	EA	\$1,500	4	\$6,000					
SITE FURNISHINGS SUBTOTAL					\$94,700	\$94,700	\$108,900	\$14,200	\$123,100
FENCING									
New removable beach fencing	LF	\$50	700	\$35,000					
Remove existing fencing	LF	\$2	700	\$1,400					
New gate on breakwater pier	EA	\$1,000	1	\$1,000					
New 5' vinyl coated chain link fence on breakwater	LF	\$33	150	\$4,950					
FENCING SUBTOTAL					\$42,350	\$42,400	\$48,800	\$6,300	\$55,100
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	26	\$13,000					
Ornamental tree, 10' Ht.	EA	\$350	8	\$2,800					
Deciduous shrub	EA	\$55	100	\$5,500					
Evergreen shrub	EA	\$65	50	\$3,250					
Perennial/ground cover beds	SF	\$6	300	\$1,800					
LANDSCAPE SUBTOTAL					\$26,350	\$26,400	\$30,400	\$4,000	\$34,400
TOTALS:					\$326,450				
MOBILIZATION: 5%					\$16,323				
CONSTRUCTION CONTINGENCIES: 10%					\$32,645				
BASE IMPROVEMENT SUBTOTALS:					\$375,418				
SURVEY & TESTING 3%					\$11,263				
DESIGN & ENGINEERING 10%					\$37,542				
BASE IMPROVEMENT TOTALS:					\$424,222	\$326,600	\$375,600	\$48,900	\$424,500

ESTIMATE OF PROBABLE CONSTRUCTION COST

APPENDIX A – PARK SITE IMPROVEMENT COSTS

FIREMAN'S PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
PAVEMENTS								
New asphalt surfacing	SY	\$20	200	\$4,000				
Incidental grading and seeding	LF	\$4.00	200	\$800				
PAVEMENTS SUBTOTAL				\$4,800	\$4,800	\$5,500	\$700	\$6,200
PLAYGROUND								
Remove existing playground equipment	LS	\$3,500	1	\$3,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Remove existing edging	LF	\$6	220	\$1,320				
New concrete edging	LF	\$18	220	\$3,960				
Reconstruct sandbox	LS	\$2,000	1	\$2,000				
New edging and surfacing around fire engine	SF	\$8	750	\$6,000				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$85,280	\$85,300	\$98,100	\$12,800	\$110,900
FENCING								
Remove existing chain link fencing	LF	\$5	290	\$1,450				
New split rail fence	LF	\$25	260	\$6,500				
New 5' vinyl coated chain link fencing	LF	\$33	300	\$9,900				
FENCING SUBTOTAL				\$17,850	\$17,900	\$20,600	\$2,700	\$23,300
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	3	\$3,000				
New picnic table	EA	\$1,000	1	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	100	\$3,500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$31,700	\$31,700	\$36,500	\$4,800	\$41,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	5	\$2,500				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Deciduous shrub	EA	\$55	150	\$8,250				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$14,925	\$15,000	\$17,300	\$2,300	\$19,600
TOTALS:				\$156,755				
MOBILIZATION: 5%				\$7,838				
CONSTRUCTION CONTINGENCIES: 10%				\$15,676				
BASE IMPROVEMENT SUBTOTALS:				\$180,268				
SURVEY & TESTING 3%				\$5,408				
DESIGN & ENGINEERING 10%				\$18,027				
BASE IMPROVEMENT TOTALS:				\$203,703	\$156,900	\$180,500	\$23,600	\$204,100

ESTIMATE OF PROBABLE CONSTRUCTION COST

APPENDIX A – PARK SITE IMPROVEMENT COSTS

FITZSIMONS PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
TENNIS COURTS								
Remove existing asphalt paving	SF	\$1.25	11,000	\$13,750				
New asphalt, base, and paint	SY	\$36.00	1,600	\$57,600				
Remove existing fencing	LF	\$5	400	\$2,000				
New sign-in boards	EA	\$200	2	\$400				
New benches	EA	\$1,400	4	\$5,600				
New 4' vinyl coated chain link fence	LF	\$28	80	\$2,240				
New 12' vinyl coated chain link fence	LF	\$55	320	\$17,600				
New posts/nets	EA	\$1,800	2	\$3,600				
TENNIS COURTS SUBTOTAL				\$102,790	\$102,800	\$118,200	\$15,400	\$133,600
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	4	\$24,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	8	\$1,200				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	6	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$15,300	\$15,300	\$17,600	\$2,300	\$19,900
FENCING								
Remove existing chain link fencing	LF	\$5	260	\$1,300				
New 5' vinyl coated chain link fencing	LF	\$33	260	\$8,580				
FENCING SUBTOTAL				\$9,880	\$9,900	\$11,400	\$1,500	\$12,900
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Deciduous shrub	EA	\$55	35	\$1,925				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$8,050	\$8,100	\$9,300	\$1,200	\$10,500
TOTALS:				\$174,620				
MOBILIZATION: 5%				\$8,731				
CONSTRUCTION CONTINGENCIES: 10%				\$17,462				
BASE IMPROVEMENT SUBTOTALS:				\$200,813				
SURVEY & TESTING 3%				\$6,024				
DESIGN & ENGINEERING 10%				\$20,081				
BASE IMPROVEMENT TOTALS:				\$226,919	\$174,700	\$200,900	\$26,200	\$227,100

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ESTIMATE OF PROBABLE CONSTRUCTION COST FOSTER FIELD

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	1,000	\$12,000				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	500	\$12,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Water line	LF	\$35	150	\$5,250				
Seed/sod graded areas	SY	\$2.00	5,500	\$11,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$50,650	\$50,700	\$58,300	\$7,600	\$65,900
IRRIGATION SYSTEM								
Irrigation system for all fields	SF	\$0.50	84,000	\$42,000				
IRRIGATION SYSTEM SUBTOTAL				\$42,000	\$42,000	\$48,300	\$6,300	\$54,600
ELECTRICAL/LIGHTING								
New light poles/fixtures/foundations	EA	\$3,500	9	\$31,500				
Conduit and wiring	LF	\$14	500	\$7,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$48,500	\$48,500	\$55,800	\$7,300	\$63,100
PAVEMENTS								
Remove concrete pkg lot curbing	LF	\$4	130	\$520				
New concrete pkg lot curbing	LF	\$18	350	\$6,300				
Remove existing asphalt paving	SF	\$1.25	700	\$875				
New asphalt paving - parking lot	SY	\$35	700	\$24,500				
New pedestrian concrete sidewalks	SF	\$6	2,500	\$13,750				
New drop-off area in front of building	SY	\$50	300	\$15,000				
Incidental grading and seeding	LF	\$4	2,000	\$8,000				
PAVEMENTS SUBTOTAL				\$68,945	\$69,000	\$79,400	\$10,300	\$89,700
TENNIS COURTS								
New asphalt surface and color surfacing	SY	\$25	1,350	\$33,750				
Remove existing fencing	LF	\$5	420	\$2,100				
New sign-in boards	EA	\$200	2	\$400				
New benches	EA	\$1,400	4	\$5,600				
New 4' vinyl coated chain link fence	LF	\$28	80	\$2,240				
New 12' vinyl coated chain link fence	LF	\$55	340	\$18,700				
New posts/nets	EA	\$1,800	2	\$3,600				
TENNIS COURTS SUBTOTAL				\$66,390	\$66,400	\$76,400	\$10,000	\$86,400
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	4	\$24,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200
BASKETBALL COURT								
New base asphalt surface & color surfacing	SY	\$30	400	\$12,000				
BASKETBALL COURT SUBTOTAL				\$12,000	\$12,000	\$13,800	\$1,800	\$15,600

APPENDIX A – PARK SITE IMPROVEMENT COSTS

SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Install new bench (including pad)	EA	\$1,400	2	\$2,800				
New trash receptacle	EA	\$1,000	4	\$4,000				
New picnic table	EA	\$1,000	4	\$4,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	60	\$2,100				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$33,400	\$33,400	\$38,400	\$5,000	\$43,400
RECREATIONAL/ATHLETIC FACILITIES								
New ballfield lights	LS	\$15,000	4	\$60,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
Remove northeast backstop	EA	\$1,000	1	\$1,000				
New ballfield backstop	EA	\$13,000	1	\$13,000				
Player benches	EA	\$1,300	2	\$2,600				
New bleachers	EA	\$8,000	2	\$16,000				
Replace ballfield dugout areas	EA	\$2,500	4	\$10,000				
Ballfield field fencing	LF	\$28	400	\$11,200				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$123,800	\$123,800	\$142,400	\$18,500	\$160,900
PLAYGROUND								
Remove existing playground equipment	LS	\$4,000	1	\$4,000				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$162,500	\$162,500	\$186,900	\$24,300	\$211,200
FENCING								
Remove existing chain link fencing	LF	\$5	260	\$1,300				
New 4' vinyl coated chain link fencing	LF	\$28	260	\$7,280				
FENCING SUBTOTAL				\$8,580	\$8,600	\$9,900	\$1,300	\$11,200
SCULPTURE GARDEN								
Sculpture garden	LS	\$400,000	1	\$400,000				
SCULPTURE SUBTOTAL				\$400,000	\$400,000	\$460,000	\$59,800	\$519,800
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Ornamental tree, 10' Ht.	EA	\$350	4	\$1,400				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen shrub	EA	\$65	50	\$3,250				
Perennial/ground cover beds	SF	\$6	300	\$1,800				
LANDSCAPE SUBTOTAL				\$15,575	\$15,600	\$18,000	\$2,300	\$20,300
TOTALS:				\$1,073,340				
MOBILIZATION: 5%				\$53,667				
CONSTRUCTION CONTINGENCIES: 10%				\$107,334				
BASE IMPROVEMENT SUBTOTALS:				\$1,234,341				
SURVEY & TESTING 3%				\$37,030				
DESIGN & ENGINEERING 10%				\$123,434				
BASE IMPROVEMENT TOTALS:				\$1,394,805	\$1,073,500	\$1,234,800	\$160,700	\$1,395,500

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ESTIMATE OF PROBABLE CONSTRUCTION COST GARDEN PARK

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
Remove existing light fixtures	EA	\$800	2	\$1,600				
New pedestrian lights/foundations	EA	\$3,500	3	\$10,500				
Conduit and wiring	LF	\$14	300	\$4,200				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$26,300	\$26,300	\$30,200	\$3,900	\$34,100
PAVEMENTS								
Remove existing concrete pavement	SF	\$1.50	75	\$113				
New concrete pavement	SF	\$5.50	100	\$550				
New limestone path/edging	SF	\$2.50	1,800	\$4,500				
Incidental grading and seeding	LF	\$4.00	2,000	\$8,000				
PAVEMENTS SUBTOTAL				\$13,163	\$13,200	\$15,200	\$2,000	\$17,200
PLAYGROUND								
Remove existing playground equipment	LS	\$2,000	1	\$2,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$4,000	1	\$4,000				
PLAYGROUND SUBTOTAL				\$96,000	\$96,000	\$110,400	\$14,400	\$124,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	1	\$150				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	4	\$4,000				
New picnic table	EA	\$1,000	8	\$8,000				
New cooking grills	EA	\$800	2	\$1,600				
New charcoal receptacle	EA	\$800	1	\$800				
New bollards	EA	\$500	2	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$46,150	\$46,200	\$53,100	\$6,900	\$60,000
FENCING								
Repaint wood fence	LS	\$1,000	1	\$1,000				
FENCING SUBTOTAL				\$1,000	\$1,000	\$1,200	\$200	\$1,400
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	12	\$6,000				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen tree	EA	\$400	2	\$800				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$14,800	\$14,800	\$17,000	\$2,200	\$19,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$202,013				
MOBILIZATION: 5%	\$10,101				
CONSTRUCTION CONTINGENCIES: 10%	\$20,201				
BASE IMPROVEMENT SUBTOTALS:	\$232,314				
SURVEY & TESTING 3%	\$6,969				
DESIGN & ENGINEERING 10%	\$23,231				
BASE IMPROVEMENT TOTALS:	\$262,515	\$202,100	\$232,400	\$30,300	\$262,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
GILBERT PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
PAVEMENTS								
Remove existing asphalt paving	SF	\$1.25	500	\$625				
New asphalt base and surfacing	SY	\$30	80	\$2,400				
Reconstruct existing limestone path	SF	\$2.50	400	\$1,000				
Incidental grading and seeding	LF	\$4.00	300	\$1,200				
PAVEMENTS SUBTOTAL				\$5,225	\$5,200	\$6,000	\$800	\$6,800
PLAYGROUND								
Remove existing playground equipment	LS	\$2,000	1	\$2,000				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$1,500	1	\$1,500				
PLAYGROUND SUBTOTAL				\$68,500	\$68,500	\$78,800	\$10,200	\$89,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	1	\$150				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	3	\$3,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$33,750	\$33,800	\$38,900	\$5,100	\$44,000
FENCING								
Remove existing chain link fencing	LF	\$5	570	\$2,850				
New 4' vinyl coated chain link fencing	LF	\$28	570	\$15,960				
FENCING SUBTOTAL				\$18,810	\$18,800	\$21,600	\$2,800	\$24,400
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Deciduous shrub	EA	\$55	160	\$8,800				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$16,625	\$16,600	\$19,100	\$2,500	\$21,600

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$147,510				
MOBILIZATION: 5%	\$7,376				
CONSTRUCTION CONTINGENCIES: 10%	\$14,751				
BASE IMPROVEMENT SUBTOTALS:	\$169,637				
SURVEY & TESTING 3%	\$5,089				
DESIGN & ENGINEERING 10%	\$16,964				
BASE IMPROVEMENT TOTALS:	\$191,689	\$147,500	\$169,700	\$22,100	\$191,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
GREY PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
ELECTRICAL/LIGHTING								
Remove existing light fixtures	EA	\$800	1	\$800				
New pedestrian lights/foundations	EA	\$3,500	9	\$31,500				
Conduit and wiring	LF	\$14	550	\$7,700				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$50,000	\$50,000	\$57,500	\$7,500	\$65,000
PAVEMENTS								
Remove existing concrete sidewalks	SF	\$1.50	6,200	\$9,300				
New concrete sidewalks	SF	\$5.50	6,500	\$35,750				
Incidental grading and seeding	LF	\$4.00	800	\$3,200				
PAVEMENTS SUBTOTAL				\$48,250	\$48,300	\$55,500	\$7,200	\$62,700
PLAYGROUND								
Remove existing playground equipment	LS	\$3,500	1	\$3,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
New benches	EA	\$1,400	2	\$2,800				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$164,800	\$164,800	\$189,500	\$24,600	\$214,100
FENCING								
Remove existing chain link fencing	LF	\$5	360	\$1,800				
New split rail fence	LF	\$25	540	\$13,500				
New 5' vinyl coated chain link fencing	LF	\$28	360	\$10,080				
FENCING SUBTOTAL				\$25,380	\$25,400	\$29,200	\$3,800	\$33,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	8	\$1,200				
Install new bench (including pad)	EA	\$1,400	8	\$11,200				
New trash receptacle	EA	\$1,000	6	\$6,000				
New picnic table	EA	\$1,000	2	\$2,000				
Replace concrete planters	EA	\$500	3	\$1,500				
Rebuilt stone amphitheater wall/surface	LF	\$225	80	\$18,000				
Pole system for event advertising	EA	\$250	10	\$2,500				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$67,400	\$67,400	\$77,500	\$10,100	\$87,600
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	18	\$9,000				
Ornamental tree, 10' Ht.	EA	\$350	6	\$2,100				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen shrub	EA	\$65	35	\$2,275				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$19,000	\$19,000	\$21,900	\$2,800	\$24,700
TOTALS:				\$381,830				
MOBILIZATION: 5%				\$19,092				
CONSTRUCTION CONTINGENCIES: 10%				\$38,183				
BASE IMPROVEMENT SUBTOTALS:				\$439,105				
SURVEY & TESTING 3%				\$13,173				
DESIGN & ENGINEERING 10%				\$43,910				
BASE IMPROVEMENT TOTALS:				\$496,188	\$381,900	\$439,200	\$57,100	\$496,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
HARBERT PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$3,800	\$3,800	\$4,400	\$600	\$5,000
PAVEMENTS								
Remove existing asphalt paving	SF	\$1.25	14,000	\$17,500				
New asphalt base and surfacing	SY	\$30	1,600	\$48,000				
Incidental grading and seeding	LF	\$4.00	1,500	\$6,000				
PAVEMENTS SUBTOTAL				\$71,500	\$71,500	\$82,200	\$10,700	\$92,900
FENCING								
Remove existing chain link fencing	LF	\$5	2,400	\$12,000				
New 4' vinyl coated chain link fencing	LF	\$28	2,400	\$67,200				
FENCING SUBTOTAL				\$79,200	\$79,200	\$91,100	\$11,800	\$102,900
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
New trash receptacle	EA	\$1,000	10	\$10,000				
New cooking grills	EA	\$1,000	6	\$6,000				
New picnic tables	EA	\$1,000	1	\$1,000				
New deck overlook	SF	\$50	400	\$20,000				
New gazebo	EA	\$50,000	1	\$50,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	300	\$10,500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$118,000	\$118,000	\$135,700	\$17,600	\$153,300

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE				
Shade tree, 2.5" - 3" Cal.	EA	\$500	25	\$12,500
Ornamental tree, 10' Ht.	EA	\$350	10	\$3,500
Deciduous shrub	EA	\$55	50	\$2,750
Evergreen shrub	EA	\$65	25	\$1,625
Perennial/ground cover beds	SF	\$6	300	\$1,800
LANDSCAPE SUBTOTAL				\$22,175
				\$22,200
				\$25,500
				\$3,300
				\$28,800
TOTALS:				\$294,675
MOBILIZATION: 5%				\$14,734
CONSTRUCTION CONTINGENCIES: 10%				\$29,468
BASE IMPROVEMENT SUBTOTALS:				\$338,876
SURVEY & TESTING 3%				\$10,166
DESIGN & ENGINEERING 10%				\$33,888
BASE IMPROVEMENT TOTALS:				\$382,930
				\$294,700
				\$338,900
				\$44,000
				\$382,900

**ESTIMATE OF PROBABLE CONSTRUCTION COST
HARPER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	150	\$1,200				
MISCELLANEOUS SUBTOTAL				\$1,800	\$1,800	\$2,100	\$300	\$2,400
PAVEMENTS								
New concrete paving in park	SF	\$5.50	480	\$2,640				
New concrete sidewalk along Sherman Ave	SF	\$5.50	1,300	\$7,150				
Incidental grading and seeding	LF	\$4.00	340	\$1,360				
PAVEMENTS SUBTOTAL				\$11,150	\$11,200	\$12,900	\$1,700	\$14,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	2	\$300				
Install new bench (including pad)	EA	\$1,400	2	\$2,800				
New trash receptacle	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$6,600	\$6,600	\$7,600	\$1,000	\$8,600
FENCING								
Remove existing chain link fencing	LF	\$5	280	\$1,400				
New 6' vinyl coated chain link fencing	LF	\$38	280	\$10,640				
FENCING SUBTOTAL				\$12,040	\$12,000	\$13,800	\$1,800	\$15,600
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	4	\$2,000				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Deciduous shrub	EA	\$55	50	\$2,750				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	300	\$1,800				
LANDSCAPE SUBTOTAL				\$9,225	\$9,200	\$10,600	\$1,400	\$12,000
TOTALS:				\$40,815				
MOBILIZATION: 5%				\$2,041				
CONSTRUCTION CONTINGENCIES: 10%				\$4,082				
BASE IMPROVEMENT SUBTOTALS:				\$46,937				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

<i>SURVEY & TESTING</i> 3%	\$1,408				
<i>DESIGN & ENGINEERING</i> 10%	\$4,694				
BASE IMPROVEMENT TOTALS:	\$53,039	\$40,800	\$47,000	\$6,200	\$53,200

**ESTIMATE OF PROBABLE CONSTRUCTION COST
HINMAN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	150	\$1,200				
MISCELLANEOUS SUBTOTAL				\$1,800	\$1,800	\$2,100	\$300	\$2,400
PAVEMENTS								
Remove existing concrete paving	SF	\$1.50	600	\$900				
New concrete paving	SF	\$5.50	650	\$3,575				
Incidental grading and seeding	LF	\$4.00	125	\$500				
PAVEMENTS SUBTOTAL				\$4,975	\$5,000	\$5,700	\$700	\$6,400
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - small size	LS	\$45,000	1	\$45,000				
PLAYGROUND SUBTOTAL				\$47,500	\$47,500	\$54,600	\$7,100	\$61,700
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
Remove existing bench	EA	\$150	7	\$1,050				
Install new bench (including pad)	EA	\$1,400	7	\$9,800				
New trash receptacle	EA	\$1,000	1	\$1,000				
New picnic table	EA	\$1,000	1	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	100	\$3,500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$33,850	\$33,900	\$39,000	\$5,100	\$44,100
FENCING								
Remove existing chain link fencing	LF	\$5	250	\$1,250				
New 6' vinyl coated chain link fencing	LF	\$33	250	\$8,250				
FENCING SUBTOTAL				\$9,500	\$9,500	\$10,900	\$1,400	\$12,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	5	\$2,500				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Deciduous shrub	EA	\$55	15	\$825				
Replant existing concrete planters	EA	\$150	5	\$750				
Evergreen shrub	EA	\$65	15	\$975				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$6,650	\$6,700	\$7,700	\$1,000	\$8,700
TOTALS:				\$104,275				
MOBILIZATION: 5%				\$5,214				
CONSTRUCTION CONTINGENCIES: 10%				\$10,428				
BASE IMPROVEMENT SUBTOTALS:				\$119,916				
SURVEY & TESTING 3%				\$3,597				
DESIGN & ENGINEERING 10%				\$11,992				
BASE IMPROVEMENT TOTALS:				\$135,505	\$104,400	\$120,000	\$15,600	\$135,600

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
HOBART PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
PAVEMENTS								
Remove existing limestone walk	SF	\$1.00	160	\$160				
New asphalt base and surfacing	SY	\$30	360	\$10,800				
Reconstruct existing stairs	LS	\$4,000	1	\$4,000				
Incidental grading and seeding	LF	\$4.00	200	\$800				
PAVEMENTS SUBTOTAL				\$15,760	\$15,800	\$18,200	\$2,400	\$20,600
PLAYGROUND								
Remove existing playground equipment	LS	\$2,000	1	\$2,000				
New tot playground - small size	LS	\$55,000	1	\$55,000				
Grading/landscape/sodding	LS	\$1,500	1	\$1,500				
PLAYGROUND SUBTOTAL				\$58,500	\$58,500	\$67,300	\$8,700	\$76,000
FENCING								
Remove existing chain link fencing	LF	\$5	85	\$425				
New 5' vinyl coated chain link fencing	LF	\$33	85	\$2,805				
FENCING SUBTOTAL				\$3,230	\$3,200	\$3,700	\$600	\$4,300
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	1	\$1,000				
Repair existing retaining wall	LS	\$1,000	1	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$31,150	\$31,200	\$35,900	\$4,700	\$40,600
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	3	\$1,500				
Deciduous shrub	EA	\$55	25	\$1,375				
Evergreen shrub	EA	\$65	20	\$1,300				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$5,075	\$5,100	\$5,900	\$800	\$6,700
TOTALS:				\$115,915				
MOBILIZATION: 5%				\$5,796				
CONSTRUCTION CONTINGENCIES: 10%				\$11,592				
BASE IMPROVEMENT SUBTOTALS:				\$133,302				
SURVEY & TESTING 3%				\$3,999				
DESIGN & ENGINEERING 10%				\$13,330				
BASE IMPROVEMENT TOTALS:				\$150,632	\$116,000	\$133,500	\$17,500	\$151,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
HOWELL PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	100	\$1,200				
Install inlets with restrictors	EA	\$2,500	1	\$2,500				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed/sod graded areas	SY	\$2.00	500	\$1,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$15,900	\$15,900	\$18,300	\$2,400	\$20,700
PAVEMENTS								
New limestone path	SF	\$2.50	6,000	\$15,000				
Incidental grading and seeding	LF	\$4.00	1,200	\$4,800				
PAVEMENTS SUBTOTAL				\$19,800	\$19,800	\$22,800	\$3,000	\$25,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	6	\$900				
Install new bench (including pad)	EA	\$1,400	6	\$8,400				
New trash receptacle	EA	\$1,000	3	\$3,000				
SITE FURNISHINGS SUBTOTAL				\$14,800	\$14,800	\$17,000	\$2,200	\$19,200
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	12	\$6,000				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Deciduous shrub	EA	\$55	65	\$3,575				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$13,150	\$13,200	\$15,200	\$2,000	\$17,200
TOTALS:				\$65,850				
MOBILIZATION: 5%				\$3,293				
CONSTRUCTION CONTINGENCIES: 10%				\$6,585				
BASE IMPROVEMENT SUBTOTALS:				\$75,728				
SURVEY & TESTING 3%				\$2,272				
DESIGN & ENGINEERING 10%				\$7,573				
BASE IMPROVEMENT TOTALS:				\$85,572	\$65,900	\$75,800	\$9,900	\$85,700

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
INDEPENDENCE PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
ELECTRICAL/LIGHTING								
Remove existing light fixtures	EA	\$800	4	\$3,200				
New pedestrian lights/foundations	EA	\$3,500	3	\$10,500				
Lights for flagpole	EA	\$1,800	3	\$5,400				
Conduit and wiring	LF	\$14	500	\$7,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$36,100	\$36,100	\$41,500	\$5,400	\$46,900
PAVEMENTS								
Remove existing concrete pavement	SF	\$1.50	1,000	\$1,500				
New concrete pavement	SF	\$5.50	1,000	\$5,500				
New limestone screening walk	SF	\$2.50	4,800	\$12,000				
Incidental grading and seeding	LF	\$4.00	1,000	\$4,000				
PAVEMENTS SUBTOTAL				\$23,000	\$23,000	\$26,500	\$3,400	\$29,900
PLAYGROUND								
Remove existing playground equipment	LS	\$3,500	1	\$3,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$2,000	1	\$2,000				
PLAYGROUND SUBTOTAL				\$160,500	\$160,500	\$184,600	\$24,000	\$208,600
FENCING								
Remove existing chain link fencing	LF	\$5	360	\$1,800				
New split rail fence	LF	\$25	225	\$5,625				
New 5' vinyl coated chain link fencing	LF	\$33	360	\$11,880				
FENCING SUBTOTAL				\$19,305	\$19,300	\$22,200	\$2,900	\$25,100
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	14	\$2,100				
Install new bench (including pad)	EA	\$1,400	14	\$19,600				
New trash receptacle	EA	\$1,000	7	\$7,000				
New table/seats	EA	\$1,500	2	\$3,000				
Bike racks	EA	\$1,500	2	\$3,000				
Pole system for event advertising	EA	\$250	10	\$2,500				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$62,200	\$62,200	\$71,500	\$9,300	\$80,800
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	8	\$4,000				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Deciduous shrub	EA	\$55	35	\$1,925				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$9,750	\$9,800	\$11,300	\$1,500	\$12,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$313,055				
MOBILIZATION: 5%	\$15,653				
CONSTRUCTION CONTINGENCIES: 10%	\$31,306				
BASE IMPROVEMENT SUBTOTALS:	\$360,013				
SURVEY & TESTING 3%	\$10,800				
DESIGN & ENGINEERING 10%	\$36,001				
BASE IMPROVEMENT TOTALS:	\$406,815	\$313,100	\$360,100	\$46,800	\$406,900

**ESTIMATE OF PROBABLE CONSTRUCTION COST
INGRAHAM PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	300	\$3,600				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	650	\$16,250				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed/sod graded areas	SY	\$2.00	600	\$1,200				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$30,950	\$31,000	\$35,700	\$4,600	\$40,300
PAVEMENTS								
New asphalt base and surfacing	SY	\$30	600	\$18,000				
Incidental grading and seeding	LF	\$4.00	1,000	\$4,000				
PAVEMENTS SUBTOTAL				\$22,000	\$22,000	\$25,300	\$3,300	\$28,600
PLAYGROUND								
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
New benches	EA	\$1,400	2	\$2,800				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$161,300	\$161,300	\$185,500	\$24,100	\$209,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	3	\$3,000				
Picnic tables	EA	\$1,000	2	\$2,000				
New cooking grill	EA	\$800	2	\$1,600				
Bike racks	EA	\$1,500	2	\$3,000				
New picnic tables	EA	\$1,200	2	\$2,400				
SITE FURNISHINGS SUBTOTAL				\$17,600	\$17,600	\$20,200	\$2,600	\$22,800
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	35	\$1,925				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	300	\$1,800				
LANDSCAPE SUBTOTAL				\$14,600	\$14,600	\$16,800	\$2,200	\$19,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$248,650				
MOBILIZATION: 5%	\$12,433				
CONSTRUCTION CONTINGENCIES: 10%	\$24,865				
BASE IMPROVEMENT SUBTOTALS:	\$285,948				
SURVEY & TESTING 3%	\$8,578				
DESIGN & ENGINEERING 10%	\$28,595				
BASE IMPROVEMENT TOTALS:	\$323,121	\$248,700	\$286,000	\$37,100	\$323,100

**ESTIMATE OF PROBABLE CONSTRUCTION COST
JAMES PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Remove towline poles on sledhill	EA	\$500	12	\$6,000				
Construction fencing	LF	\$8	1,000	\$8,000				
MISCELLANEOUS SUBTOTAL				\$14,600	\$14,600	\$16,800	\$2,200	\$19,000
IRRIGATION SYSTEM								
Irrigation system for all fields	SF	\$0.35	700,000	\$245,000				
IRRIGATION SYSTEM SUBTOTAL				\$245,000	\$245,000	\$281,800	\$36,700	\$318,500
ELECTRICAL/LIGHTING								
New parking lot lights	EA	\$3,500	12	\$42,000				
New pedestrian lights/foundations	EA	\$3,500	15	\$52,500				
Replace lights on sledhill	EA	\$6,000	3	\$18,000				
Conduit and wiring	LF	\$14	2,300	\$32,200				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$154,700	\$154,700	\$177,900	\$23,100	\$201,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	12,000	\$144,000				
Install inlets with restrictors	EA	\$2,500	6	\$15,000				
Install inlets	EA	\$1,200	5	\$6,000				
RCP sewer pipe	LF	\$25	1,200	\$30,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Underdrain system	LF	\$18	2,500	\$45,000				
Seed/sod graded areas	SY	\$2.00	600	\$1,200				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$243,700	\$243,700	\$280,300	\$36,400	\$316,700
PAVEMENTS								
Remove parking lot curbing	LF	\$6	1,000	\$6,000				
Replace concrete parking lot curbing	LF	\$18	1,000	\$18,000				
New sledhill ramp/steps	SF	\$10	3,600	\$36,000				
Pave compost area	SY	\$30	3,300	\$99,000				
New asphalt path through park	SY	\$30	2,300	\$69,000				
Resurface asphalt park'g lots/entrance drive	SY	\$20	10,000	\$200,000				
Incidental grading and seeding	LF	\$4	2,500	\$10,000				
PAVEMENTS SUBTOTAL				\$438,000	\$438,000	\$503,700	\$65,500	\$569,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TENNIS COURTS								
Remove existing asphalt paving & base	SF	\$1.00	36,000	\$36,000				
Install underdrain system	LF	\$25	1,500	\$37,500				
New asphalt, base, and painted surface	SY	\$36	4,000	\$144,000				
Remove existing fencing	LF	\$5	820	\$4,100				
New sign-in boards	EA	\$200	6	\$1,200				
New 12' vinyl coated chain link fence	LF	\$55	820	\$45,100				
New posts/nets	EA	\$1,800	6	\$10,800				
TENNIS COURTS SUBTOTAL				\$278,700	\$278,700	\$320,500	\$41,700	\$362,200
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	8	\$48,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$58,000	\$58,000	\$66,700	\$8,700	\$75,400
BASKETBALL COURT								
Remove asphalt basketball surfacing	SF	\$1.25	500	\$625				
New base, asphalt surface & color surfacing	SY	\$35	500	\$17,500				
New benches with pads	EA	\$1,300	2	\$2,600				
BASKETBALL COURT SUBTOTAL				\$20,725	\$20,700	\$23,800	\$3,100	\$26,900
HILL IMPROVEMENTS								
Hill improvements/fencing/steps/walls	LS	\$265,000	1	\$265,000				
HILL IMPROVEMENT SUBTOTAL				\$265,000	\$265,000	\$304,800	\$39,600	\$344,400
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Remove existing bench	EA	\$150	10	\$1,500				
Install new bench (including pad)	EA	\$1,400	10	\$14,000				
New trash receptacle	EA	\$1,000	28	\$28,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
Copper pipe	LF	\$35	350	\$12,250				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
New picnic tables	EA	\$1,200	4	\$4,800				
New bike racks	EA	\$500	4	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$80,050	\$80,100	\$92,100	\$12,000	\$104,100
RECREATIONAL/ATHLETIC FACILITIES								
Remove and install new fitness stations	LS	\$20,000	1	\$20,000				
Remove and replace ballfield backstops	EA	\$13,000	4	\$52,000				
New bleachers	EA	\$8,000	4	\$32,000				
New player benches	EA	\$1,000	8	\$8,000				
Remove and replace ballfield backstops	EA	\$7,500	4	\$30,000				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$142,000	\$142,000	\$163,300	\$21,200	\$184,500
FENCING								
Remove existing along Prospect Avenue	LF	\$5	4,800	\$24,000				
New 4' vinyl coated chain link fencing	LF	\$28	4,800	\$134,400				
FENCING SUBTOTAL				\$158,400	\$158,400	\$182,200	\$23,700	\$205,900

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	150	\$75,000				
Ornamental tree, 10' Ht.	EA	\$350	50	\$17,500				
Deciduous shrub	EA	\$55	500	\$27,500				
Evergreen shrub	EA	\$65	300	\$19,500				
Perennial/ground cover beds	SF	\$6	700	\$4,200				
LANDSCAPE SUBTOTAL				\$143,700	\$143,700	\$165,300	\$21,500	\$186,800
TOTALS:				\$2,242,575				
MOBILIZATION: 5%				\$112,129				
CONSTRUCTION 10								
CONTINGENCIES: %				\$224,258				
BASE IMPROVEMENT SUBTOTALS:				\$2,578,961				
SURVEY & TESTING 3%				\$77,369				
DESIGN & ENGINEERING 10								
DESIGN & ENGINEERING %				\$257,896				
BASE IMPROVEMENT TOTALS:				\$2,914,226	\$2,242,600	\$2,579,200	\$335,400	\$2,914,600

**ESTIMATE OF PROBABLE CONSTRUCTION COST
KELLY PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
PAVEMENTS								
Remove existing concrete pavement	SF	\$1.50	1,050	\$1,575				
New concrete pavement	SF	\$5.50	1,100	\$6,050				
Incidental grading and seeding	LF	\$4.00	200	\$800				
PAVEMENTS SUBTOTAL				\$8,425	\$8,400	\$9,700	\$1,300	\$11,000
PLAYGROUND								
Remove existing playground equipment	LS	\$1,500	1	\$1,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$2,500	1	\$2,500				
PLAYGROUND SUBTOTAL				\$69,000	\$69,000	\$79,400	\$10,300	\$89,700
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	3	\$3,000				
Picnic tables	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$8,200	\$8,200	\$9,400	\$1,200	\$10,600
FENCING								
Remove existing chain link fencing	LF	\$5	165	\$825				
New 5' vinyl coated chain link fencing	LF	\$33	165	\$5,445				
FENCING SUBTOTAL				\$6,270	\$6,300	\$7,200	\$900	\$8,100

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE				
Shade tree, 2.5" - 3" Cal.	EA	\$500	4	\$2,000
Ornamental tree, 10' Ht.	EA	\$350	1	\$350
Deciduous shrub	EA	\$55	25	\$1,375
Evergreen shrub	EA	\$65	10	\$650
Perennial/ground cover beds	SF	\$6	150	\$900
LANDSCAPE SUBTOTAL				\$5,275
				\$5,300
				\$6,100
				\$800
				\$6,900
TOTALS:				\$99,370
MOBILIZATION: 5%				\$4,969
CONSTRUCTION CONTINGENCIES: 10%				\$9,937
BASE IMPROVEMENT SUBTOTALS:				\$114,276
SURVEY & TESTING 3%				\$3,428
DESIGN & ENGINEERING 10%				\$11,428
BASE IMPROVEMENT TOTALS:				\$129,131
				\$99,400
				\$114,300
				\$14,800
				\$129,100

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LADD ARBORETUM**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	1,000	\$8,000				
MISCELLANEOUS SUBTOTAL				\$8,600	\$8,600	\$9,900	\$1,300	\$11,200
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,000	60	\$180,000				
Conduit and wiring	LF	\$14	4,000	\$56,000				
Flagpole lights	EA	\$1,800	3	\$5,400				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$251,400	\$251,400	\$289,100	\$37,600	\$326,700
PAVEMENTS								
Resurface parking lot	SY	\$20.00	2,200	\$44,000				
New concrete parking lot curbing	LF	\$18.00	400	\$7,200				
Resurface asphalt pathways	SY	\$20.00	250	\$5,000				
New concrete patio	SF	\$5.50	1,200	\$6,600				
Reconstruct existing limestone path	SF	\$2.50	28,000	\$70,000				
New pedestrian concrete sidewalks	SF	\$5.50	1,800	\$9,900				
Incidental grading and seeding	LF	\$4.00	3,000	\$12,000				
PAVEMENTS SUBTOTAL				\$154,700	\$154,700	\$177,900	\$23,100	\$201,000
FENCING								
Remove existing chain link fencing	LF	\$5	2,500	\$12,500				
New 4' vinyl coated chain link fencing	LF	\$28	4,000	\$112,000				
FENCING SUBTOTAL				\$124,500	\$124,500	\$143,200	\$18,600	\$161,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	3	\$7,500				
Remove existing bench	EA	\$150	37	\$5,550				
Install new bench (including pad)	EA	\$1,400	45	\$63,000				
New trash receptacle	EA	\$1,000	10	\$10,000				
Replace dedication plaques	EA	\$200	25	\$5,000				
New flagpole	EA	\$4,000	1	\$4,000				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

New deck overlook	SF	\$40	200	\$8,000				
New boat dock and ramp	EA	\$40	1,200	\$48,000				
New educational signage system	LS	\$18,000	1	\$18,000				
SITE FURNISHINGS SUBTOTAL				\$156,000	\$156,000	\$179,400	\$23,300	\$202,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	50	\$25,000				
Ornamental tree, 10' Ht.	EA	\$350	50	\$17,500				
Deciduous shrub	EA	\$55	300	\$16,500				
Evergreen shrub	EA	\$65	100	\$6,500				
Perennial/ground cover beds	SF	\$6	7,500	\$45,000				
LANDSCAPE SUBTOTAL				\$110,500	\$110,500	\$127,100	\$16,500	\$143,600
TOTALS:				\$805,700				
MOBILIZATION: 5%				\$40,285				
CONSTRUCTION CONTINGENCIES: 10%				\$80,570				
BASE IMPROVEMENT SUBTOTALS:				\$926,555				
SURVEY & TESTING 3%				\$27,797				
DESIGN & ENGINEERING 10%				\$92,656				
BASE IMPROVEMENT TOTALS:				\$1,047,007	\$805,700	\$926,600	\$120,400	\$1,047,000

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LAKE-DODGE PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
LANDSCAPE								
Ground cover		\$5.00	300	\$1,500				
Deciduous shrub	EA	\$55	30	\$1,650				
LANDSCAPE SUBTOTAL				\$3,150	\$3,200	\$3,700	\$500	\$4,200
TOTALS:				\$3,150				
MOBILIZATION: 5%				\$158				
CONSTRUCTION CONTINGENCIES: 10%				\$315				
BASE IMPROVEMENT SUBTOTALS:				\$3,623				
SURVEY & TESTING 3%				\$109				
DESIGN & ENGINEERING 10%				\$362				
BASE IMPROVEMENT TOTALS:				\$4,093	\$3,200	\$3,700	\$500	\$4,200

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LARIMER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	375	\$4,500				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install underdrain system	LF	\$25	500	\$12,500				
Seed/sod graded areas	SY	\$2.00	1,900	\$3,800				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$37,000	\$37,000	\$42,600	\$5,500	\$48,100
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	3	\$10,500				
Conduit and wiring	LF	\$14	150	\$2,100				
Electrical controls/power source	LS	\$7,500	1	\$7,500				
ELECTRICAL/LIGHTING SUBTOTAL				\$20,100	\$20,100	\$23,100	\$3,000	\$26,100
PAVEMENTS								
Remove existing asphalt paving	SF	\$1.25	450	\$563				
New asphalt base and surfacing	SY	\$30	370	\$11,100				
Incidental grading and seeding	LF	\$4.00	450	\$1,800				
PAVEMENTS SUBTOTAL				\$13,463	\$13,500	\$15,500	\$2,000	\$17,500
BASKETBALL COURT								
Remove existing asphalt paving	SF	\$1.25	3,600	\$4,500				
New asphalt, base, and paint	SY	\$36	400	\$14,400				
New benches with pads	EA	\$1,300	2	\$2,600				
Remove existing pole/backboard	EA	\$800	2	\$1,600				
New basketball backboard/post	EA	\$2,500	2	\$5,000				
BASKETBALL COURT SUBTOTAL				\$28,100	\$28,100	\$32,300	\$4,200	\$36,500
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	7	\$1,050				
Install new bench (including pad)	EA	\$1,400	7	\$9,800				
New trash receptacle	EA	\$1,000	3	\$3,000				
Bollards at entrances	EA	\$800	4	\$3,200				
New picnic tables	EA	\$1,200	2	\$2,400				
New drinking fountain	EA	\$6,500	1	\$6,500				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$41,450	\$41,500	\$47,700	\$6,200	\$53,900
RECREATIONAL/ATHLETIC FACILITIES								
Remove backstop	EA	\$800	1	\$800				
New ballfield backstop	EA	\$13,000	1	\$13,000				
Player benches	EA	\$1,300	2	\$2,600				
New volleyball posts/net	EA	\$1,200	1	\$1,200				
Ballfield field fencing	LF	\$28	400	\$11,200				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$28,800	\$28,800	\$33,100	\$4,300	\$37,400
PLAYGROUND								
Remove existing playground	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$2,500	1	\$2,500				
PLAYGROUND SUBTOTAL				\$160,000	\$160,000	\$184,000	\$24,000	\$208,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

FENCING				
Remove existing chain link fencing	LF	\$5	860	\$4,300
New 5' vinyl coated chain link fencing	LF	\$33	860	\$28,380
FENCING SUBTOTAL				\$32,680
LANDSCAPE				
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500
Ornamental tree, 10' Ht.	EA	\$350	10	\$3,500
Deciduous shrub	EA	\$55	75	\$4,125
Evergreen shrub	EA	\$65	35	\$2,275
Perennial/ground cover beds	SF	\$6	250	\$1,500
LANDSCAPE SUBTOTAL				\$18,900
TOTALS:				\$385,093
MOBILIZATION: 5%				\$19,255
CONSTRUCTION CONTINGENCIES: 10%				\$38,509
BASE IMPROVEMENT SUBTOTALS:				\$442,856
SURVEY & TESTING 3%				\$13,286
DESIGN & ENGINEERING 10%				\$44,286
BASE IMPROVEMENT TOTALS:				\$500,428
				\$385,200
				\$442,900
				\$57,600
				\$500,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LAWSON PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
UTILITIES								
New water line to community garden	LF	\$35	250	\$8,750				
Lawn hydrant	EA	\$500	1	\$500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
RPZ	EA	\$3,000	1	\$3,000				
UTILITIES SUBTOTAL				\$18,250	\$18,300	\$21,000	\$2,700	\$23,700
ELECTRICAL/LIGHTING								
Remove lights	EA	\$800	3	\$2,400				
New pedestrian lights/foundations	EA	\$3,500	5	\$17,500				
Conduit and wiring	LF	\$14	175	\$2,450				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$32,350	\$32,400	\$37,300	\$4,800	\$42,100
PAVEMENTS								
New asphalt base and surfacing	SY	\$30	250	\$7,500				
Incidental grading and seeding	LF	\$4.00	450	\$1,800				
PAVEMENTS SUBTOTAL				\$9,300	\$9,300	\$10,700	\$1,400	\$12,100
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
New benches	EA	\$1,400	3	\$4,200				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$100,200	\$100,200	\$115,200	\$15,000	\$130,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

FENCING								
Remove existing chain link fencing	LF	\$5	250	\$1,250				
New 5' vinyl coated chain link fencing	LF	\$33	250	\$8,250				
FENCING SUBTOTAL				\$9,500	\$9,500	\$11,000	\$1,400	\$12,400
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	6	\$900				
Install new bench (including pad)	EA	\$1,400	6	\$8,400				
New trash receptacle	EA	\$1,000	4	\$4,000				
Clean-up community garden area	LS	\$4,000	1	\$4,000				
New picnic tables	EA	\$1,200	2	\$2,400				
Remove existing drinking fountain	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$23,200	\$23,200	\$26,700	\$3,500	\$30,200
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	12	\$6,000				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Deciduous shrub	EA	\$55	55	\$3,025				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$13,200	\$13,200	\$15,200	\$2,000	\$17,200
TOTALS:				\$210,600				
MOBILIZATION: 5%				\$10,530				
CONSTRUCTION CONTINGENCIES: 10%				\$21,060				
BASE IMPROVEMENT SUBTOTALS:				\$242,190				
SURVEY & TESTING 3%				\$7,266				
DESIGN & ENGINEERING 10%				\$24,219				
BASE IMPROVEMENT TOTALS:				\$273,675	\$210,700	\$242,400	\$31,500	\$273,900

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LEAHY COMMUNITY PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	350	\$4,200				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	200	\$5,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install underdrain system	LF	\$25	500	\$12,500				
Seed/sod graded areas	SY	\$2.00	1,900	\$3,800				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$34,200	\$34,200	\$39,300	\$5,100	\$44,400
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	3	\$10,500				
Conduit and wiring	LF	\$14	350	\$4,900				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$25,400	\$25,400	\$29,200	\$3,800	\$33,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

PAVEMENTS								
New asphalt base and surfacing	SY	\$30	480	\$14,400				
Concrete paving	SF	\$5.50	400	\$2,200				
Incidental grading and seeding	LF	\$4.00	700	\$2,800				
PAVEMENTS SUBTOTAL				\$19,400	\$19,400	\$22,300	\$2,900	\$25,200
TENNIS COURTS								
New asphalt surface and color surfacing	SY	\$25	2,400	\$60,000				
Remove existing fencing	LF	\$5	620	\$3,100				
New sign-in boards	EA	\$200	6	\$1,200				
New benches	EA	\$1,400	4	\$5,600				
New 12' vinyl coated chain link fence	LF	\$55	620	\$34,100				
New posts/nets	EA	\$1,800	6	\$10,800				
TENNIS COURTS SUBTOTAL				\$114,800	\$114,800	\$132,000	\$17,200	\$149,200
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	8	\$48,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$58,000	\$58,000	\$66,700	\$8,700	\$75,400
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	6	\$900				
Install new bench (including pad)	EA	\$1,400	13	\$18,200				
New trash receptacle	EA	\$1,000	4	\$4,000				
New cooking grill	EA	\$800	1	\$800				
New picnic tables	EA	\$1,200	5	\$6,000				
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500				
SITE FURNISHINGS SUBTOTAL				\$38,900	\$38,900	\$44,700	\$5,800	\$50,500
RECREATIONAL/ATHLETIC FACILITIES								
Remove backstop	EA	\$1,000	1	\$1,000				
New ballfield backstop	EA	\$13,000	1	\$13,000				
Player benches	EA	\$1,400	2	\$2,800				
New bleachers	EA	\$6,000	2	\$12,000				
New field fencing	LF	\$28	350	\$9,800				
New softball infield mix	CY	\$25	175	\$4,375				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$42,975	\$43,000	\$49,500	\$6,400	\$55,900
PLAYGROUND								
Remove existing playground equipment	LS	\$5,000	1	\$5,000				
New tot playground - large size	LS	\$75,000	1	\$75,000				
New 6-12 age playground - large size	LS	\$100,000	1	\$100,000				
New benches	EA	\$1,400	3	\$4,200				
New path to playground	SF	\$8	600	\$4,800				
Grading/landscape/sodding	LS	\$5,000	1	\$5,000				
PLAYGROUND SUBTOTAL				\$194,000	\$194,000	\$223,100	\$29,000	\$252,100
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500				
Ornamental tree, 10' Ht.	EA	\$350	8	\$2,800				
Deciduous shrub	EA	\$55	150	\$8,250				
Evergreen shrub	EA	\$65	75	\$4,875				
Perennial/ground cover beds	SF	\$6	300	\$1,800				
LANDSCAPE SUBTOTAL				\$25,225	\$25,200	\$29,000	\$3,800	\$32,800
TOTALS:				\$559,900				
MOBILIZATION: 5%				\$27,995				
CONSTRUCTION CONTINGENCIES: 10%				\$55,990				
BASE IMPROVEMENT SUBTOTALS:				\$643,885				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

<i>SURVEY & TESTING</i> 3%	\$19,317				
<i>DESIGN & ENGINEERING</i> 10%	\$64,389				
BASE IMPROVEMENT TOTALS:	\$727,590	\$559,900	\$643,900	\$83,800	\$727,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LEVINSON TOTLOT**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$3,800	\$3,800	\$4,400	\$600	\$5,000
PAVEMENTS								
Remove existing limestone screenings	SF	\$0.75	480	\$360				
New asphalt base and pavement	SY	\$30.00	75	\$2,250				
Incidental grading and seeding	LF	\$4.00	100	\$400				
PAVEMENTS SUBTOTAL				\$3,010	\$3,000	\$3,500	\$500	\$4,000
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - large size	LS	\$50,000	1	\$50,000				
Grading/landscape/sodding	LS	\$2,000	1	\$2,000				
PLAYGROUND SUBTOTAL				\$54,500	\$54,500	\$62,700	\$8,200	\$70,900
FENCING								
Remove existing chain link fencing	LF	\$5	330	\$1,650				
New 5' vinyl coated chain link fencing	LF	\$33	330	\$10,890				
FENCING SUBTOTAL				\$12,540	\$12,500	\$14,400	\$1,900	\$16,300
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	2	\$2,000				
New picnic tables	EA	\$1,200	1	\$1,200				
SITE FURNISHINGS SUBTOTAL				\$9,850	\$9,900	\$11,400	\$1,500	\$12,900
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	4	\$2,000				
Ornamental tree, 10' Ht.	EA	\$350	6	\$2,100				
Deciduous shrub	EA	\$55	35	\$1,925				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$8,550	\$8,600	\$9,900	\$1,300	\$11,200
TOTALS:				\$92,250				
MOBILIZATION: 5%				\$4,613				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

<i>CONSTRUCTION CONTINGENCIES: 10%</i>	\$9,225				
BASE IMPROVEMENT SUBTOTALS:	\$106,088				
<i>SURVEY & TESTING 3%</i>	\$3,183				
<i>DESIGN & ENGINEERING 10%</i>	\$10,609				
BASE IMPROVEMENT TOTALS:	\$119,879	\$92,300	\$106,300	\$14,000	\$120,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LIGHTHOUSE LANDING PARK/LIGHTHOUSE BEACH**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	2	\$7,000				
New parking lot lights	EA	\$3,200	3	\$9,600				
Conduit and wiring	LF	\$14	500	\$7,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$33,600	\$33,600	\$38,600	\$5,000	\$43,600
PAVEMENTS								
Sealcoat /line parking lot	SY	\$2	2,500	\$5,000				
New deck ramp to beach for handicap access	SF	\$45.00	800	\$36,000				
Provide accessible beach boardwalk	SF	\$40	650	\$26,000				
New entrance area to beach	SF	\$35.00	300	\$10,500				
Reconstruct stone paving areas	SF	\$18.00	1,000	\$18,000				
Incidental grading and seeding	LF	\$4.00	450	\$1,800				
PAVEMENTS SUBTOTAL				\$97,300	\$97,300	\$111,900	\$14,500	\$126,400
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	8	\$11,200				
New trash receptacle	EA	\$1,000	4	\$4,000				
New bike racks	EA	\$1,500	4	\$6,000				
Breakwater signage	LS	\$1,000	1	\$1,000				
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500				
SITE FURNISHINGS SUBTOTAL				\$31,800	\$31,800	\$36,600	\$4,800	\$41,400
FENCING								
New removable beach fencing	LF	\$50	400	\$20,000				
Remove existing fencing	LF	\$2	400	\$800				
New gate on breakwater pier	EA	\$1,000	1	\$1,000				
New 5' vinyl coated chain link fence on breakwater	LF	\$33	300	\$9,900				
FENCING SUBTOTAL				\$31,700	\$31,700	\$36,500	\$4,800	\$41,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	14	\$7,000				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	125	\$6,875				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Evergreen shrub	EA	\$65	50	\$3,250					
Perennial/ground cover beds	SF	\$6	500	\$3,000					
LANDSCAPE SUBTOTAL				\$21,875	\$21,900	\$25,200	\$3,300	\$28,500	
TOTALS:				\$223,275					
MOBILIZATION: 5%				\$11,164					
CONSTRUCTION CONTINGENCIES: 10%				\$22,328					
BASE IMPROVEMENT SUBTOTALS:				\$256,766					
SURVEY & TESTING 3%				\$7,703					
DESIGN & ENGINEERING 10%				\$25,677					
BASE IMPROVEMENT TOTALS:				\$290,146	\$223,300	\$256,900	\$33,500	\$290,400	

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LOMAR PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
New picnic table	EA	\$1,000	2	\$2,000				
New trash receptacle	EA	\$1,000	5	\$5,000				
SITE FURNISHINGS SUBTOTAL				\$9,500	\$9,500	\$11,000	\$1,500	\$12,500
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	12	\$6,000				
Deciduous shrub	EA	\$55	45	\$2,475				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$11,600	\$11,600	\$13,300	\$1,700	\$15,000
TOTALS:				\$21,100				
MOBILIZATION: 5%				\$1,055				
CONSTRUCTION CONTINGENCIES: 10%				\$2,110				
BASE IMPROVEMENT SUBTOTALS:				\$24,265				
SURVEY & TESTING 3%				\$728				
DESIGN & ENGINEERING 10%				\$2,427				
BASE IMPROVEMENT TOTALS:				\$27,419	\$21,100	\$24,300	\$3,200	\$27,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LOVELACE PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,100	\$9,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

GRADING DRAINAGE & UTILITIES								
Install pond aerator	LS	\$7,500	1	\$7,500				
New/renovated irrigation for soccer field	SF	\$0.50	70,000	\$35,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$42,500	\$42,500	\$48,900	\$6,400	\$55,300
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	48	\$168,000				
Conduit and wiring	LF	\$14	1,000	\$14,000				
Electrical controls/power source	LS	\$500	1	\$500				
ELECTRICAL/LIGHTING SUBTOTAL				\$182,500	\$182,500	\$209,900	\$27,300	\$237,200
PAVEMENTS								
Remove concrete pkg lot curbing	LF	\$4.00	700	\$2,800				
New concrete pkg lot curbing	LF	\$18.00	700	\$12,600				
New asphalt paving - parking lot	SY	\$20.00	1,800	\$36,000				
Resurface asphalt ped path	SY	\$14.00	3,300	\$46,200				
Reconstruct existing limestone path	SF	\$2.50	7,500	\$18,750				
Incidental grading and seeding	LF	\$4.00	2,000	\$8,000				
PAVEMENTS SUBTOTAL				\$124,350	\$124,400	\$143,100	\$18,600	\$161,700
TENNIS COURTS								
New asphalt surface and color surfacing	SY	\$25.00	3,700	\$92,500				
Remove existing fencing	LF	\$5	400	\$2,000				
New sign-in boards	EA	\$200	6	\$1,200				
New benches	EA	\$1,400	4	\$5,600				
New 12' vinyl coated chain link fence	LF	\$55	820	\$45,100				
Drainage structures	LS	\$60,000	1	\$60,000				
New posts/nets	EA	\$1,800	6	\$10,800				
TENNIS COURTS SUBTOTAL				\$217,200	\$217,200	\$249,800	\$32,500	\$282,300
TENNIS COURTS LIGHTS								
New lighting	EA	\$6,000	8	\$48,000				
Lighting panels/control	LS	\$10,000	1	\$10,000				
TENNIS COURTS SUBTOTAL				\$58,000	\$58,000	\$66,700	\$8,700	\$75,400
BASKETBALL COURT								
Remove existing asphalt paving	SF	\$1.25	4,800	\$6,000				
New asphalt, base, and paint	SY	\$36	500	\$18,000				
New benches with pads	EA	\$1,400	2	\$2,800				
BASKETBALL COURT SUBTOTAL				\$26,800	\$26,800	\$30,800	\$4,000	\$34,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	23	\$3,450				
Install new bench (including pad)	EA	\$1,400	23	\$32,200				
New trash receptacle	EA	\$1,000	13	\$13,000				
New bike rack	EA	\$1,500	3	\$4,500				
New picnic tables	EA	\$1,000	4	\$4,000				
New cooking grill	EA	\$800	4	\$3,200				
Gazebo	EA	\$50,000	1	\$50,000				
Install fitness stations/surfacing	LS	\$18,000	1	\$18,000				
Heighten stone wall around pond	LF	\$45	700	\$31,500				
SITE FURNISHINGS SUBTOTAL				\$162,350	\$162,400	\$186,800	\$24,300	\$211,100
FENCING								
Remove existing along Prospect Avenue	LF	\$5	2,300	\$11,500				
New 4' vinyl coated chain link fencing	LF	\$28	2,300	\$64,400				
FENCING SUBTOTAL				\$75,900	\$75,900	\$87,300	\$11,400	\$98,700

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	40	\$20,000				
Ornamental tree, 10' Ht.	EA	\$350	15	\$5,250				
Deciduous shrub	EA	\$55	150	\$8,250				
Evergreen shrub	EA	\$65	50	\$3,250				
Perennial/ground cover beds	SF	\$6	400	\$2,400				
LANDSCAPE SUBTOTAL				\$39,150	\$39,200	\$45,100	\$5,900	\$51,000
TOTALS:				\$935,750				
MOBILIZATION: 5%				\$46,788				
CONSTRUCTION CONTINGENCIES: 10%				\$93,575				
BASE IMPROVEMENT SUBTOTALS:				\$1,076,113				
SURVEY & TESTING 3%				\$32,283				
DESIGN & ENGINEERING 10%				\$107,611				
BASE IMPROVEMENT TOTALS:				\$1,216,007	\$935,900	\$1,076,500	\$140,200	\$1,216,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LUNT PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	400	\$3,200				
MISCELLANEOUS SUBTOTAL				\$3,800	\$3,800	\$4,400	\$600	\$5,000
ELECTRICAL/LIGHTING								
Remove lights	EA	\$800	6	\$4,800				
New pedestrian lights/foundations	EA	\$3,500	16	\$56,000				
Conduit and wiring	LF	\$14	650	\$9,100				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$79,900	\$79,900	\$91,900	\$11,900	\$103,800
PAVEMENTS								
Remove existing cinder walks	SF	\$0.75	6,000	\$4,500				
New limestone screening walk	SF	\$2.50	6,200	\$15,500				
New concrete paving seating area	SF	\$5.50	600	\$3,300				
Incidental grading and seeding	LF	\$5.00	500	\$2,500				
PAVEMENTS SUBTOTAL				\$25,800	\$25,800	\$29,700	\$3,900	\$33,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	10	\$1,500				
Install new bench (including pad)	EA	\$1,400	10	\$14,000				
New trash receptacle	EA	\$1,000	3	\$3,000				
Rehab existing water trough	LS	\$3,000	1	\$5,000				
SITE FURNISHINGS SUBTOTAL				\$26,000	\$26,000	\$29,900	\$3,900	\$33,800
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Ornamental tree, 10' Ht.	EA	\$350	4	\$1,400				
Deciduous shrub	EA	\$55	50	\$2,750				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$12,275	\$12,300	\$14,100	\$1,800	\$15,900

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$147,775				
MOBILIZATION: 5%	\$7,389				
CONSTRUCTION CONTINGENCIES: 10%	\$14,778				
BASE IMPROVEMENT SUBTOTALS:	\$169,941				
SURVEY & TESTING 3%	\$5,098				
DESIGN & ENGINEERING 10%	\$16,994				
BASE IMPROVEMENT TOTALS:	\$192,034	\$147,800	\$170,000	\$22,100	\$192,100

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MASON PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Remove wood bollards	LS	\$500	1	\$500				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,500	\$7,500	\$8,600	\$1,100	\$9,700
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	900	\$10,800				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	600	\$15,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Install underdrain system	LF	\$25	800	\$20,000				
Install irrigation system for fields	SF	\$0.50	50,000	\$25,000				
Seed/sod graded areas	SY	\$2.00	1,900	\$3,800				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$83,300	\$83,300	\$95,800	\$12,500	\$108,300
PAVEMENTS								
Remove existing asphalt paving	SF	\$1.15	1,500	\$1,725				
New asphalt pavement and base	SY	\$30.00	850	\$25,500				
Remove existing concrete paving	SF	\$1.50	2,400	\$3,600				
New concrete pavement	SF	\$5.50	3,150	\$17,325				
Reconstruct limestone path	SF	\$2.50	250	\$625				
Incidental grading and seeding	LF	\$5.00	900	\$4,500				
PAVEMENTS SUBTOTAL				\$53,275	\$53,300	\$61,300	\$8,000	\$69,300
RECREATIONAL/ATHLETIC FACILITIES								
Remove backstop	EA	\$1,000	1	\$1,000				
New ballfield backstop	EA	\$13,000	1	\$13,000				
Player benches	EA	\$1,400	2	\$2,800				
New bleachers	EA	\$4,500	2	\$9,000				
New field fencing	LF	\$28	300	\$8,400				
New softball infield mix	CY	\$25	200	\$5,000				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$39,200	\$39,200	\$45,100	\$5,900	\$51,000
TENNIS COURTS								
Remove existing asphalt paving	SF	\$1.25	10,000	\$12,500				
New asphalt, base, and paint	SY	\$36	1,100	\$39,600				
Remove existing fencing	LF	\$5	420	\$2,100				
New sign-in boards	EA	\$200	2	\$400				
New benches	EA	\$1,400	4	\$5,600				
New 4' vinyl coated chain link fence	LF	\$28.00	80	\$2,240				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

New 12' vinyl coated chain link fence	LF	\$55	320	\$17,600					
Remove existing bench	EA	\$150	2	\$300					
New benches	EA	\$1,400	4	\$5,600					
New posts/nets	EA	\$1,800	2	\$3,600					
TENNIS COURTS SUBTOTAL				\$89,540	\$89,600	\$103,000	\$13,400	\$116,400	
TENNIS COURTS LIGHTS									
New lighting	EA	\$6,000	4	\$24,000					
Lighting panels/control	LS	\$10,000	1	\$10,000					
TENNIS COURTS SUBTOTAL				\$34,000	\$34,000	\$39,100	\$5,100	\$44,200	
BASKETBALL COURT									
New asphalt & color surfacing	SY	\$20	1,500	\$30,000					
BASKETBALL COURT SUBTOTAL				\$30,000	\$30,000	\$34,500	\$4,500	\$39,000	
PLAYGROUND									
Remove existing playground equipment	LS	\$2,500	1	\$2,500					
New tot playground - large size	LS	\$50,000	1	\$50,000					
Add additional resilient surfacing	CY	\$8	400	\$3,200					
New playground pieces	LS	\$25,000	1	\$25,000					
Grading/landscape/sodding	LS	\$2,000	1	\$2,000					
PLAYGROUND SUBTOTAL				\$82,700	\$82,700	\$95,100	\$12,400	\$107,500	
SITE FURNISHINGS									
Identification sign	EA	\$2,500	1	\$2,500					
Remove existing bench	EA	\$150	8	\$1,200					
Install new bench (including pad)	EA	\$1,400	8	\$11,200					
New trash receptacle	EA	\$1,000	11	\$11,000					
New bike rack	EA	\$1,500	2	\$3,000					
New picnic tables	EA	\$1,000	4	\$4,000					
Remove retaining wall	LF	\$25	100	\$2,500					
New retaining wall/planter	LF	\$50	100	\$5,000					
SITE FURNISHINGS SUBTOTAL				\$40,400	\$40,400	\$46,500	\$6,000	\$52,500	
FENCING									
Remove existing chain link fencing	LF	\$5	1,550	\$7,750					
New 6' vinyl coated chain link fencing	LF	\$38	1,100	\$41,800					
New 4' Vinyl coated chain link fencing	LF	\$28	400	\$11,200					
FENCING SUBTOTAL				\$60,750	\$60,800	\$70,000	\$9,100	\$79,100	
LANDSCAPE									
Shade tree, 2.5" - 3" Cal.	EA	\$500	25	\$12,500					
Ornamental tree, 10' Ht.	EA	\$350	15	\$5,250					
Evergreen tree	EA	\$400	10	\$4,000					
Deciduous shrub	EA	\$55	75	\$4,125					
Evergreen shrub	EA	\$65	40	\$2,600					
Perennial/ground cover beds	SF	\$6	250	\$1,500					
LANDSCAPE SUBTOTAL				\$29,975	\$30,000	\$34,500	\$4,500	\$39,000	
TOTALS:				\$550,640					
MOBILIZATION: 5%				\$27,532					
BASE IMPROVEMENT SUBTOTALS:				\$578,172					
SURVEY & TESTING 3%				\$17,345					
DESIGN & ENGINEERING 10%				\$57,817					
BASE IMPROVEMENT TOTALS:				\$653,334	\$653,334	\$633,500	\$82,500	\$716,000	

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
McCORMICK PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
UTILITIES								
Copper pipe to community gardens	LF	\$35	120	\$4,200				
RPZ	EA	\$3,000	1	\$3,000				
Lawn hydrants	EA	\$500	3	\$1,500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
MISCELLANEOUS SUBTOTAL				\$14,700	\$14,700	\$16,900	\$2,200	\$19,100
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	4	\$4,000				
SITE FURNISHINGS SUBTOTAL				\$12,100	\$12,100	\$13,900	\$1,800	\$15,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	55	\$3,025				
Evergreen shrub	EA	\$65	45	\$2,925				
LANDSCAPE SUBTOTAL				\$12,700	\$12,700	\$14,600	\$1,900	\$16,500
TOTALS:				\$39,500				
MOBILIZATION: 5%				\$1,975				
CONSTRUCTION CONTINGENCIES: 10%				\$3,950				
BASE IMPROVEMENT SUBTOTALS:				\$45,425				
SURVEY & TESTING 3%				\$1,363				
DESIGN & ENGINEERING 10%				\$4,543				
BASE IMPROVEMENT TOTALS:				\$51,330	\$39,500	\$45,400	\$5,900	\$51,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
McCULLOCH PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
ELECTRICAL/LIGHTING								
Remove lights	EA	\$800	3	\$2,400				
New pedestrian lights/foundations	EA	\$3,500	6	\$21,000				
Conduit and wiring	LF	\$14	320	\$4,480				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$37,880	\$37,900	\$43,600	\$5,700	\$49,300

APPENDIX A – PARK SITE IMPROVEMENT COSTS

PAVEMENTS								
Remove limestone screening path	SF	\$0.75	2,600	\$1,950				
New asphalt pavement and base	SY	\$30	290	\$8,700				
Incidental grading and seeding	LF	\$5	500	\$2,500				
PAVEMENTS SUBTOTAL				\$13,150	\$13,200	\$15,200	\$2,000	\$17,200
BASKETBALL COURT								
Remove existing asphalt paving	SF	\$1.25	3,100	\$3,875				
New asphalt, base, and paint	SY	\$36	200	\$7,200				
New benches with pads	EA	\$1,300	2	\$2,600				
New basketball backboard/post	EA	\$2,500	1	\$2,500				
BASKETBALL COURT SUBTOTAL				\$16,175	\$16,200	\$18,600	\$2,400	\$21,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	5	\$7,000				
New trash receptacle	EA	\$1,000	3	\$3,000				
New bike rack	EA	\$1,500	2	\$3,000				
New picnic tables	EA	\$1,000	3	\$3,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$41,750	\$41,800	\$48,100	\$6,300	\$54,400
PLAYGROUND								
Remove existing playground	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$2,500	1	\$2,500				
PLAYGROUND SUBTOTAL				\$160,000	\$160,000	\$184,000	\$23,900	\$207,900
FENCING								
New split rail fence	LF	\$25	900	\$22,500				
FENCING SUBTOTAL				\$22,500	\$22,500	\$25,900	\$3,400	\$29,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	55	\$3,025				
Evergreen shrub	EA	\$65	35	\$2,275				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$16,050	\$16,100	\$18,500	\$2,400	\$20,900
TOTALS:				\$312,905				
MOBILIZATION: 5%				\$15,645				
CONSTRUCTION CONTINGENCIES: 10%				\$31,291				
BASE IMPROVEMENT SUBTOTALS:				\$359,841				
SURVEY & TESTING 3%				\$10,795				
DESIGN & ENGINEERING 10%				\$35,984				
BASE IMPROVEMENT TOTALS:				\$406,620	\$313,100	\$360,100	\$46,900	\$407,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MEGOWEN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	4	\$14,000				
Conduit and wiring	LF	\$14	180	\$2,520				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$26,520	\$26,500	\$30,500	\$4,000	\$34,500
PLAYGROUND								
Remove existing playground equipment	LS	\$2,000	1	\$2,000				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$3,000	1	\$3,000				
PLAYGROUND SUBTOTAL				\$160,000	\$160,000	\$184,000	\$23,900	\$207,900
FENCING								
Remove existing chain link fencing	LF	\$5	440	\$2,200				
New 5' vinyl coated chain link fencing	LF	\$33	440	\$14,520				
FENCING SUBTOTAL				\$16,720	\$16,800	\$19,300	\$2,500	\$21,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	2	\$2,000				
New picnic tables	EA	\$1,000	1	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$32,650	\$32,700	\$37,600	\$4,900	\$42,500
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Deciduous shrub	EA	\$55	75	\$4,125				
Evergreen shrub	EA	\$65	30	\$1,950				
Perennial/ground cover beds	SF	\$6	200	\$1,200				
LANDSCAPE SUBTOTAL				\$12,025	\$12,000	\$13,800	\$1,800	\$15,600
TOTALS:				\$253,315				
MOBILIZATION: 5%				\$12,666				
CONSTRUCTION CONTINGENCIES: 10%				\$25,332				
BASE IMPROVEMENT SUBTOTALS:				\$291,312				
SURVEY & TESTING 3%				\$8,739				
DESIGN & ENGINEERING 10%				\$29,131				
BASE IMPROVEMENT TOTALS:				\$329,183	\$253,400	\$291,400	\$37,900	\$329,300

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MERRICK ROSE GARDEN**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$2,000	20	\$40,000				
New fountain lighting	EA	\$1,500	4	\$6,000				
Conduit and wiring	LF	\$14	1,000	\$14,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$70,000	\$70,000	\$80,500	\$10,500	\$91,000
IRRIGATION								
New irrigation system	SF	\$1.00	16,000	\$16,000				
IRRIGATION SUBTOTAL				\$16,000	\$16,000	\$18,400	\$2,400	\$20,800
FENCING								
Remove existing chain link fencing	LF	\$5	215	\$1,075				
New 4' vinyl coated chain link fencing	LF	\$28	215	\$6,020				
FENCING SUBTOTAL				\$7,095	\$7,100	\$8,200	\$1,100	\$9,300
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Reconstruction of brick walls	LS	\$25,000	1	\$25,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$50,000	\$50,000	\$57,500	\$7,500	\$65,000
TOTALS:				\$148,495				
MOBILIZATION: 5%				\$7,425				
CONSTRUCTION CONTINGENCIES: 10%				\$14,850				
BASE IMPROVEMENT SUBTOTALS:				\$170,769				
SURVEY & TESTING 3%				\$5,123				
DESIGN & ENGINEERING 10%				\$17,077				
BASE IMPROVEMENT TOTALS:				\$192,969	\$148,500	\$170,800	\$22,300	\$193,100

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MONROE PARK**

	Constr	Design/	Total
--	--------	---------	-------

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Value & C/M	Engr Survey/Test	Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
PAVEMENTS								
Remove limestone walk	SF	\$1.00	450	\$450				
New concrete walk		\$5.50	600	\$3,300				
Incidental grading and seeding	LF	\$5.00	100	\$500				
PAVEMENTS SUBTOTAL				\$4,250	\$4,300	\$4,900	\$600	\$5,500
PLAYGROUND								
Remove existing playground equipment	LS	\$1,500	1	\$1,500				
Grading/landscape/sodding	LS	\$1,000	1	\$1,000				
New tot playground - small size	LS	\$45,000	1	\$45,000				
PLAYGROUND SUBTOTAL				\$47,500	\$47,500	\$54,600	\$7,100	\$61,700
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	2	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$8,650	\$8,700	\$10,000	\$1,300	\$11,300
FENCING								
Remove existing chain link fencing	LF	\$5	300	\$1,500				
New 4' Vinyl coated chain link fencing	LF	\$28	300	\$8,400				
FENCING SUBTOTAL				\$9,900	\$9,900	\$11,400	\$1,500	\$12,900
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	3	\$1,500				
Deciduous shrub	EA	\$55	15	\$825				
Evergreen shrub	EA	\$65	15	\$975				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$4,200	\$4,200	\$4,800	\$600	\$5,400
TOTALS:				\$79,900				
MOBILIZATION: 5%				\$3,995				
CONSTRUCTION CONTINGENCIES: 10%				\$7,990				
BASE IMPROVEMENT SUBTOTALS:				\$91,885				
SURVEY & TESTING 3%				\$2,757				
DESIGN & ENGINEERING 10%				\$9,189				
BASE IMPROVEMENT TOTALS:				\$103,830	\$80,000	\$91,900	\$11,900	\$103,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MORRIS PARK**

	Constr	Design/	Total
--	--------	---------	-------

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Value & C/M	Engr Survey/Test	Proj Value
PAVEMENTS								
Repair and replace existing brick walks	SF	\$8.00	200	\$1,600				
Incidental grading and seeding	LF	\$5.00	100	\$500				
PAVEMENTS SUBTOTAL				\$2,100	\$2,100	\$2,400	\$300	\$2,700
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
Remove existing bench	EA	\$150	2	\$300				
Install new bench (including pad)	EA	\$1,400	1	\$1,400				
New trash receptacle	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$4,700	\$4,700	\$5,400	\$700	\$6,100
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	2	\$1,000				
Deciduous shrub	EA	\$55	10	\$550				
Ornamental tree, 10' Ht.	EA	\$350	4	\$1,400				
Vines and ground cover	SF	\$5	100	\$500				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$4,350	\$4,400	\$5,100	\$700	\$5,800
TOTALS:				\$11,150				
MOBILIZATION: 5%				\$558				
CONSTRUCTION CONTINGENCIES: 10%				\$1,115				
BASE IMPROVEMENT SUBTOTALS:				\$12,823				
SURVEY & TESTING 3%				\$385				
DESIGN & ENGINEERING 10%				\$1,282				
BASE IMPROVEMENT TOTALS:				\$14,489	\$11,200	\$12,900	\$1,700	\$14,600

**ESTIMATE OF PROBABLE CONSTRUCTION COST
OLDBERG PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	4	\$14,000				
Conduit and wiring	LF	\$14	170	\$2,380				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$26,380	\$26,400	\$30,400	\$4,000	\$34,400
IRRIGATION								
Irrigation system	SF	\$0.75	7,500	\$5,625				
IRRIGATION SUBTOTAL				\$5,625	\$5,600	\$6,400	\$800	\$7,200
TOTALS:				\$32,005				
MOBILIZATION: 5%				\$1,600				
CONSTRUCTION CONTINGENCIES: 10%				\$3,201				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

BASE IMPROVEMENT SUBTOTALS:	\$36,806				
SURVEY & TESTING 3%	\$1,104				
DESIGN & ENGINEERING 10%	\$3,681				
BASE IMPROVEMENT TOTALS:	\$41,590	\$32,000	\$36,800	\$4,800	\$41,600

**ESTIMATE OF PROBABLE CONSTRUCTION COST
PATRIOTS PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	200	\$1,600				
MISCELLANEOUS SUBTOTAL				\$2,200	\$2,200	\$2,500	\$300	\$2,800
ELECTRICAL/LIGHTING								
Monument light fixtures	EA	\$2,500	4	\$10,000				
Conduit and wiring	LF	\$14	100	\$1,400				
Electrical controls/power source	LS	\$8,000	1	\$8,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$19,400	\$19,400	\$22,300	\$2,900	\$25,200
PAVEMENTS								
New asphalt path/base	SY	\$30.00	200	\$6,000				
New concrete pavement - seating area	SF	\$5.50	625	\$3,438				
Incidental grading and seeding	LF	\$5.00	500	\$2,500				
PAVEMENTS SUBTOTAL				\$11,938	\$12,000	\$13,800	\$1,800	\$15,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Install new bench (including pad)	EA	\$1,400	6	\$8,400				
Clean and restore memorial base limestone	LS	\$7,500	1	\$7,500				
Repaint flagpole	LS	\$1,200	1	\$1,200				
New trash receptacle	EA	\$1,000	2	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$21,600	\$21,600	\$24,800	\$3,200	\$28,000
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	5	\$2,500				
Deciduous shrub	EA	\$55	35	\$1,925				
Ornamental tree, 10' Ht.	EA	\$350	1	\$350				
Evergreen shrub	EA	\$65.00	25	\$1,625				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$7,300	\$7,300	\$4,800	\$700	\$5,500
TOTALS:								
MOBILIZATION: 5%				\$3,122				
CONSTRUCTION CONTINGENCIES: 10%				\$6,244				
BASE IMPROVEMENT SUBTOTALS:				\$71,803				
SURVEY & TESTING 3%				\$2,154				
DESIGN & ENGINEERING 10%				\$7,180				
BASE IMPROVEMENT TOTALS:				\$81,138	\$62,500	\$68,200	\$8,900	\$77,100

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
PENNY PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	100	\$1,200				
Install inlets with restrictors	EA	\$2,500	1	\$2,500				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	300	\$7,500				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed/sod graded areas	SY	\$2.00	1,200	\$2,400				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$17,300	\$17,300	\$19,900	\$2,600	\$22,500
PAVEMENTS								
Remove existing concrete paving	SF	\$1.50	1,000	\$1,500				
New concrete pavement	SF	\$5.50	1,000	\$5,500				
Incidental grading and seeding	LF	\$5.00	900	\$4,500				
PAVEMENTS SUBTOTAL				\$11,500	\$11,500	\$13,200	\$1,700	\$14,900
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	2	\$300				
Install new bench (including pad)	EA	\$1,400	2	\$2,800				
New trash receptacle	EA	\$1,000	3	\$3,000				
New bicycle rack	EA	\$1,500	1	\$1,500				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$32,600	\$32,600	\$37,500	\$4,900	\$42,400
PLAYGROUND								
Update/renovation of playground	LS	\$50,000	1	\$50,000				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$53,500	\$53,500	\$61,500	\$8,000	\$69,500
FENCING								
Remove existing chain link fencing	LF	\$5	345	\$1,725				
New 6' vinyl coated chain link fencing	LF	\$38	345	\$13,110				
FENCING SUBTOTAL				\$14,835	\$14,800	\$17,000	\$2,200	\$19,200
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Deciduous shrub	EA	\$55	50	\$2,750				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Evergreen shrub	EA	\$65.00	50	\$3,250				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$13,650	\$13,700	\$15,800	\$2,100	\$17,900
TOTALS:				\$147,985				
MOBILIZATION: 5%				\$7,399				
CONSTRUCTION CONTINGENCIES: 10%				\$14,799				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

BASE IMPROVEMENT SUBTOTALS:	\$170,183				
SURVEY & TESTING 3%	\$5,105				
DESIGN & ENGINEERING 10%	\$17,018				
BASE IMPROVEMENT TOTALS:	\$192,307	\$148,000	\$170,200	\$22,200	\$192,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
PERRY PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
New light fixture	EA	\$3,500	6	\$21,000				
Conduit and wiring	LF	\$14	100	\$1,400				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$32,400	\$32,400	\$37,300	\$4,900	\$42,200
PAVEMENTS								
Remove existing asphalt paving	SF	\$1.00	2,500	\$2,500				
New asphalt pavement and base	SY	\$30.00	300	\$9,000				
Incidental grading and seeding	LF	\$5.00	400	\$2,000				
PAVEMENTS SUBTOTAL				\$13,500	\$13,500	\$15,500	\$2,000	\$17,500
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$3,000	1	\$3,000				
PLAYGROUND SUBTOTAL				\$160,500	\$160,500	\$184,600	\$24,000	\$208,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	4	\$4,000				
New picnic table	EA	\$1,000	1	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	200	\$7,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$36,200	\$36,200	\$41,600	\$5,400	\$47,000
FENCING								
Remove existing chain link fencing	LF	\$5	400	\$2,000				
New 5' vinyl coated chain link fencing	LF	\$33	400	\$13,200				
FENCING SUBTOTAL				\$15,200	\$15,200	\$17,500	\$2,300	\$19,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	9	\$4,500				
Deciduous shrub	EA	\$55	125	\$6,875				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Evergreen shrub	EA	\$65.00	35	\$2,275				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$15,600	\$15,600	\$18,000	\$2,300	\$20,300
TOTALS:				\$278,000				
MOBILIZATION: 5%				\$13,900				
CONSTRUCTION CONTINGENCIES: 10%				\$27,800				
BASE IMPROVEMENT SUBTOTALS:				\$319,700				
SURVEY & TESTING 3%				\$9,591				
DESIGN & ENGINEERING 10%				\$31,970				
BASE IMPROVEMENT TOTALS:				\$361,261	\$278,000	\$319,800	\$41,600	\$361,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
PHILBRICK PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
New light fixture in alley	EA	\$2,500	1	\$2,500				
Electrical controls/power source	LS	\$5,000	1	\$5,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$7,500	\$7,500	\$8,600	\$1,100	\$9,700
PAVEMENTS								
Remove stone paving	SF	\$1.50	800	\$1,200				
New stone paving	SY	\$15	800	\$12,000				
Incidental grading and seeding	LF	\$5	300	\$1,500				
PAVEMENTS SUBTOTAL				\$14,700	\$14,700	\$16,900	\$2,200	\$19,100
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$3,000	1	\$3,000				
PLAYGROUND SUBTOTAL				\$160,500	\$160,500	\$184,600	\$24,000	\$208,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	7	\$1,050				
Install new bench (including pad)	EA	\$1,400	7	\$9,800				
New trash receptacle	EA	\$1,000	3	\$3,000				
New picnic table	EA	\$1,000	2	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$18,350	\$18,400	\$21,200	\$2,800	\$24,000
FENCING								
Remove existing chain link fencing	LF	\$5	220	\$1,100				
New 5' vinyl coated chain link fencing	LF	\$33	220	\$7,260				
FENCING SUBTOTAL				\$8,360	\$8,400	\$9,700	\$1,300	\$11,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	5	\$2,500				
Deciduous shrub	EA	\$55	175	\$9,625				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Evergreen shrub	EA	\$65.00	25	\$1,625				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$16,400	\$16,400	\$18,900	\$2,500	\$21,400
TOTALS:				\$230,410				
MOBILIZATION: 5%				\$11,521				
CONSTRUCTION CONTINGENCIES: 10%				\$23,041				
BASE IMPROVEMENT SUBTOTALS:				\$264,972				
SURVEY & TESTING 3%				\$7,949				
DESIGN & ENGINEERING 10%				\$26,497				
BASE IMPROVEMENT TOTALS:				\$299,418	\$230,500	\$265,200	\$34,600	\$299,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
PORTER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
BASKETBALL COURT								
New asphalt surface and color surfacing	SY	\$20	75	\$1,500				
BASKETBALL COURT SUBTOTAL				\$1,500	\$1,500	\$1,800	\$200	\$2,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$8,150	\$8,200	\$9,400	\$1,200	\$10,600
PLAYGROUND								
Remove existing playground equipment	LS	\$2,000	1	\$2,000				
New tot playground - small size	LS	\$55,000	1	\$55,000				
New 6-12 age playground - small size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$1,500	1	\$1,500				
PLAYGROUND SUBTOTAL				\$123,500	\$123,500	\$142,000	\$18,500	\$160,500
FENCING								
Remove existing chain link fencing	LF	\$5	230	\$1,150				
New 4' vinyl coated chain link fencing	LF	\$33	230	\$7,590				
FENCING SUBTOTAL				\$8,740	\$8,800	\$10,100	\$1,300	\$11,400
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Deciduous shrub	EA	\$55	20	\$1,100				
Evergreen shrub	EA	\$65.00	20	\$1,300				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$6,300	\$6,300	\$7,300	\$1,000	\$8,300

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$152,790				
MOBILIZATION: 5%	\$7,640				
CONSTRUCTION CONTINGENCIES: 10%	\$15,279				
BASE IMPROVEMENT SUBTOTALS:	\$175,709				
SURVEY & TESTING 3%	\$5,271				
DESIGN & ENGINEERING 10%	\$17,571				
BASE IMPROVEMENT TOTALS:	\$198,551	\$152,900	\$175,900	\$22,900	\$198,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
QUINLAN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
PAVEMENTS								
New concrete sidewalk	SF	\$5.50	1,125	\$6,188				
Incidental grading and seeding	LF	\$5.00	225	\$1,125				
PAVEMENTS SUBTOTAL				\$7,313	\$7,300	\$8,400	\$1,100	\$9,500
SITE FURNISHINGS								
Identification sign	EA	\$2,000	1	\$2,000				
Remove existing bench	EA	\$150	1	\$150				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$7,350	\$7,400	\$8,500	\$1,100	\$9,600
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	13	\$6,500				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
LANDSCAPE SUBTOTAL				\$7,200	\$7,200	\$8,300	\$1,100	\$9,400
TOTALS:				\$21,863				
MOBILIZATION: 5%				\$1,093				
CONSTRUCTION CONTINGENCIES: 10%				\$2,186				
BASE IMPROVEMENT SUBTOTALS:				\$25,142				
SURVEY & TESTING 3%				\$754				
DESIGN & ENGINEERING 10%				\$2,514				
BASE IMPROVEMENT TOTALS:				\$28,410	\$21,900	\$25,200	\$3,300	\$28,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
RAYMOND PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

ELECTRICAL/LIGHTING								
Pedestrian light fixture/foundation	EA	\$3,500	3	\$10,500				
Conduit and wiring	LF	\$12	200	\$2,400				
Electrical control/power source	LS	\$7,500	1	\$7,500				
ELECTRICAL/LIGHTING SUBTOTAL				\$20,400	\$20,400	\$23,500	\$3,100	\$26,600
PAVEMENTS								
Replace edging for sponsor brick area	LF	\$25	40	\$1,000				
Reset sponsor bricks	SF	\$10	100	\$1,000				
PAVEMENTS SUBTOTAL				\$2,000	\$2,000	\$2,300	\$300	\$2,600
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Grading/landscape/sodding	LS	\$3,000	1	\$3,000				
PLAYGROUND SUBTOTAL				\$160,500	\$160,500	\$184,600	\$24,000	\$208,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Remove existing bench	EA	\$150	14	\$2,100				
Install new bench (including pad)	EA	\$1,400	14	\$19,600				
New trash receptacle	EA	\$1,000	6	\$6,000				
New bicycle rack	EA	\$1,500	1	\$1,500				
New picnic table	EA	\$1,000	2	\$2,000				
SITE FURNISHINGS SUBTOTAL				\$36,200	\$36,200	\$41,600	\$5,400	\$47,000
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	15	\$7,500				
Deciduous shrub	EA	\$55	50	\$2,750				
Ornamental tree, 10' Ht.	EA	\$350	5	\$1,750				
Evergreen shrub	EA	\$65.00	25	\$1,625				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$14,525	\$14,500	\$16,700	\$2,200	\$18,900
TOTALS:				\$238,225				
MOBILIZATION: 5%				\$11,911				
CONSTRUCTION CONTINGENCIES: 10%				\$23,823				
BASE IMPROVEMENT SUBTOTALS:				\$273,959				
SURVEY & TESTING 3%				\$8,219				
DESIGN & ENGINEERING 10%				\$27,396				
BASE IMPROVEMENT TOTALS:				\$309,573	\$238,200	\$274,000	\$35,700	\$309,700

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SARGENT PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
PAVEMENTS								
Install new edging along limestone paths	LS	\$1,500	1	\$1,500				
Install accessible path within park	SF	\$5.50	300	\$1,650				
Incidental grading and seeding	LF	\$5.00	400	\$2,000				
PAVEMENTS SUBTOTAL				\$5,150	\$5,200	\$6,000	\$800	\$6,800
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$2,000	1	\$2,000				
PLAYGROUND SUBTOTAL				\$69,500	\$69,500	\$80,000	\$10,400	\$90,400
FENCING								
Remove existing chain link fencing	LF	\$5	110	\$550				
New 4' vinyl coated chain link fencing	LF	\$28	110	\$3,080				
FENCING SUBTOTAL				\$3,630	\$3,600	\$4,100	\$500	\$4,600
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	3	\$450				
Install new bench (including pad)	EA	\$1,400	3	\$4,200				
New trash receptacle	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$8,150	\$8,200	\$9,400	\$1,200	\$10,600
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	2	\$1,000				
Deciduous shrub	EA	\$55	10	\$550				
Evergreen shrub	EA	\$65.00	10	\$650				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$3,100	\$3,100	\$3,600	\$500	\$4,100
TOTALS:				\$94,130				
MOBILIZATION: 5%				\$4,707				
CONSTRUCTION CONTINGENCIES: 10%				\$9,413				
BASE IMPROVEMENT SUBTOTALS:				\$108,250				
SURVEY & TESTING 3%				\$3,247				
DESIGN & ENGINEERING 10%				\$10,825				
BASE IMPROVEMENT TOTALS:				\$122,322	\$94,200	\$108,400	\$14,100	\$122,500

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SMITH PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
ELECTRICAL/LIGHTING								
Pedestrian light fixture/foundation	EA	\$3,500	6	\$21,000				
Conduit and wiring	LF	\$12	360	\$4,320				
Electrical control/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$35,320	\$35,300	\$40,600	\$5,300	\$45,900
PAVEMENTS								
Remove existing limestone pathway	SF	\$0.75	2,600	\$1,950				
New asphalt pavement and base	SY	\$30	350	\$10,500				
Incidental grading and seeding	LF	\$5	370	\$1,850				
PAVEMENTS SUBTOTAL				\$14,300	\$14,300	\$16,400	\$2,100	\$18,500
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$65,000	1	\$65,000				
New 6-12 age playground - medium size	LS	\$90,000	1	\$90,000				
Remove existing wood retaining wall	LF	\$20	50	\$1,000				
New wood retaining wall	LF	\$75	50	\$3,750				
New benches	EA	\$1,400	2	\$2,800				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$168,550	\$168,600	\$193,900	\$25,200	\$219,100
FENCING								
Remove existing chain link fencing	LF	\$5	250	\$1,250				
New 6' vinyl coated chain link fencing	LF	\$38	250	\$9,500				
FENCING SUBTOTAL				\$10,750	\$10,800	\$12,400	\$1,600	\$14,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	5	\$7,000				
New bicycle rack	EA	\$1,500	1	\$1,500				
New table with seats	EA	\$1,500	1	\$1,500				
New picnic table	EA	\$1,000	1	\$1,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
Copper pipe	LF	\$35	200	\$7,000				
RPZ	EA	\$3,000	1	\$3,000				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
New trash receptacle	EA	\$1,000	5	\$5,000				
SITE FURNISHINGS SUBTOTAL				\$41,750	\$41,800	\$48,100	\$6,300	\$54,400
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	8	\$4,000				
Deciduous shrub	EA	\$55	25	\$1,375				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Evergreen shrub	EA	\$65	30	\$1,950				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$8,925	\$8,900	\$10,200	\$1,300	\$11,500

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$284,195				
MOBILIZATION: 5%	\$14,210				
CONSTRUCTION CONTINGENCIES: 10%	\$28,420				
BASE IMPROVEMENT SUBTOTALS:	\$326,824				
SURVEY & TESTING 3%	\$9,805				
DESIGN & ENGINEERING 10%	\$32,682				
BASE IMPROVEMENT TOTALS:	\$369,311	\$284,300	\$326,900	\$42,500	\$369,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SNYDER PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	500	\$4,000				
MISCELLANEOUS SUBTOTAL				\$4,600	\$4,600	\$5,300	\$700	\$6,000
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	75	\$900				
Install inlets with restrictors	EA	\$2,500	1	\$2,500				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	150	\$3,750				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed/sod graded areas	SY	\$2.00	500	\$1,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$11,850	\$11,900	\$13,700	\$1,800	\$15,500
PAVEMENTS								
Remove existing asphalt walk	SF	\$1.25	100	\$125				
New asphalt base and paving	SY	\$30	100	\$3,000				
Incidental grading and seeding	LF	\$5	125	\$625				
PAVEMENTS SUBTOTAL				\$3,750	\$3,800	\$4,400	\$600	\$5,000
PLAYGROUND								
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$68,500	\$68,500	\$78,800	\$10,200	\$89,000
FENCING								
Remove existing fence	LF	\$5	200	\$1,000				
New 5' vinyl coated chain link fencing	LF	\$33	200	\$6,600				
FENCING SUBTOTAL				\$7,600	\$7,600	\$8,700	\$1,100	\$9,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	5	\$7,000				
New drinking fountain	EA	\$6,500	1	\$6,500				
RPZ	EA	\$3,000	1	\$3,000				
Copper pipe	LF	\$35	300	\$10,500				
Water tap and patch at street	EA	\$6,000	1	\$6,000				
New trash receptacle	EA	\$1,000	3	\$3,000				
SITE FURNISHINGS SUBTOTAL				\$39,250	\$39,300	\$45,200	\$5,900	\$51,100

APPENDIX A – PARK SITE IMPROVEMENT COSTS

LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	4	\$2,000				
Deciduous shrub	EA	\$55	35	\$1,925				
Ornamental tree, 10' Ht.	EA	\$350	2	\$700				
Evergreen shrub	EA	\$65	20	\$1,300				
Perennial/ground cover beds	SF	\$6	150	\$900				
LANDSCAPE SUBTOTAL				\$6,825	\$6,800	\$7,800	\$1,000	\$8,800
TOTALS:				\$142,375				
MOBILIZATION: 5%				\$7,119				
CONSTRUCTION CONTINGENCIES: 10%				\$14,238				
BASE IMPROVEMENT SUBTOTALS:				\$163,731				
SURVEY & TESTING 3%				\$4,912				
DESIGN & ENGINEERING 10%				\$16,373				
BASE IMPROVEMENT TOTALS:				\$185,016	\$142,500	\$163,900	\$21,300	\$185,200

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SOUTH BOULEVARD BEACH**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Remove existing playground equipment	LS	\$1,500	1	\$1,500				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$6,900	\$6,900	\$8,000	\$1,000	\$9,000
PAVEMENTS								
New concrete paving beach entrance area	SF	\$5.50	1,800	\$9,900				
Reconstruct limestone path/edging	SF	\$2.50	4,200	\$10,500				
Remove concrete curbing	LF	\$4	150	\$600				
New concrete curbing	LF	\$18	150	\$2,700				
New asphalt paving drop-off/pick-up area	SY	\$35	150	\$5,250				
Provide accessible beach boardwalk	SF	\$40	650	\$26,000				
Incidental grading and seeding	LF	\$4.00	2,000	\$8,000				
PAVEMENTS SUBTOTAL				\$62,950	\$63,000	\$72,500	\$9,400	\$81,900
FENCING								
Install removable beach fencing	LF	\$50	600	\$30,000				
FENCING SUBTOTAL				\$30,000	\$30,000	\$34,500	\$4,500	\$39,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	2	\$300				
Install new bench (including pad)	EA	\$1,400	2	\$2,800				
New trash receptacle	EA	\$1,000	5	\$5,000				
Breakwater signage	LS	\$1,200	1	\$1,200				
New bicycle rack	EA	\$1,500	2	\$3,000				
New drinking fountain (on bldg)	EA	\$6,500	1	\$6,500				
SITE FURNISHINGS SUBTOTAL				\$21,300	\$21,300	\$24,500	\$3,200	\$27,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Deciduous shrub	EA	\$55	35	\$1,925				
Ornamental tree, 10' Ht.	EA	\$350	4	\$1,400				

APPENDIX A – PARK SITE IMPROVEMENT COSTS

Evergreen tree	EA	\$400	2	\$800				
Evergreen shrub	EA	\$65	20	\$1,300				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$11,925	\$11,900	\$13,700	\$1,800	\$15,500
TOTALS:				\$133,075				
MOBILIZATION: 5%				\$6,654				
CONSTRUCTION CONTINGENCIES: 10%				\$13,308				
BASE IMPROVEMENT SUBTOTALS:				\$153,036				
SURVEY & TESTING 3%				\$4,591				
DESIGN & ENGINEERING 10%				\$15,304				
BASE IMPROVEMENT TOTALS:				\$172,931	\$133,100	\$153,200	\$19,900	\$173,100

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SOUTHWEST PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
PAVEMENTS								
New concrete path for ADA accessibility	SF	\$5.50	150	\$825				
Incidental grading and seeding	LF	\$5.00	100	\$500				
PAVEMENTS SUBTOTAL				\$1,325	\$1,300	\$1,500	\$200	\$1,700
PLAYGROUND								
Remove existing playground equipment	LS	\$2,500	1	\$2,500				
New tot playground - medium size	LS	\$75,000	1	\$75,000				
Grading/landscape/sodding	LS	\$2,000	1	\$2,000				
PLAYGROUND SUBTOTAL				\$79,500	\$79,500	\$91,400	\$11,900	\$103,300
FENCING								
Remove existing fence along alley	LF	\$5	550	\$2,750				
New 4' vinyl coated chain link fencing	LF	\$28	550	\$15,400				
FENCING SUBTOTAL				\$18,150	\$18,200	\$21,000	\$2,700	\$23,700
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	6	\$900				
Install new bench (including pad)	EA	\$1,400	6	\$8,400				
New trash receptacle	EA	\$1,000	2	\$2,000				
Modify existing retaining wall to meet CPSC	LS	\$3,500	1	\$3,500				
New picnic tables	EA	\$1,200	2	\$2,400				
SITE FURNISHINGS SUBTOTAL				\$19,700	\$19,700	\$22,700	\$3,000	\$25,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Deciduous shrub	EA	\$55	15	\$825				
Evergreen shrub	EA	\$65	15	\$975				
LANDSCAPE SUBTOTAL				\$4,800	\$4,800	\$5,500	\$700	\$6,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$128,875				
MOBILIZATION: 5%	\$6,444				
CONSTRUCTION CONTINGENCIES: 10%	\$12,888				
BASE IMPROVEMENT SUBTOTALS:	\$148,206				
SURVEY & TESTING 3%	\$4,446				
DESIGN & ENGINEERING 10%	\$14,821				
BASE IMPROVEMENT TOTALS:	\$167,473	\$128,900	\$148,300	\$19,300	\$167,600

**ESTIMATE OF PROBABLE CONSTRUCTION COST
STOCKHAM PLACE PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	90	\$1,080				
Install inlets with restrictors	EA	\$2,500	1	\$2,500				
Install inlets	EA	\$1,200	1	\$1,200				
RCP sewer pipe	LF	\$25	200	\$5,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed/sod graded areas	SY	\$2.00	500	\$1,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$13,280	\$13,300	\$15,300	\$2,000	\$17,300
SITE FURNISHINGS								
Identification sign	EA	\$2,000	2	\$4,000				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	1	\$1,000				
SITE FURNISHINGS SUBTOTAL				\$10,600	\$10,600	\$12,200	\$1,600	\$13,800
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	8	\$4,000				
LANDSCAPE SUBTOTAL				\$4,000	\$4,000	\$4,600	\$600	\$5,200
TOTALS:				\$27,880				
MOBILIZATION: 5%				\$1,394				
CONSTRUCTION CONTINGENCIES: 10%				\$2,788				
BASE IMPROVEMENT SUBTOTALS:				\$32,062				
SURVEY & TESTING 3%				\$962				
DESIGN & ENGINEERING 10%				\$3,206				
BASE IMPROVEMENT TOTALS:				\$36,230	\$27,900	\$32,100	\$4,200	\$36,300

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
ST. PAUL PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	600	\$4,800				
MISCELLANEOUS SUBTOTAL				\$5,400	\$5,400	\$6,200	\$800	\$7,000
PAVEMENTS								
Remove existing concrete pavement	SF	\$1.50	1,500	\$2,250				
New concrete pavement	SF	\$5.50	1,800	\$9,900				
Incidental grading and seeding	LF	\$4.00	1,200	\$4,800				
PAVEMENTS SUBTOTAL				\$16,950	\$17,000	\$19,600	\$2,500	\$22,100
FENCING								
Remove existing chain link fencing	LF	\$5	300	\$1,500				
New 5' vinyl coated chain link fencing	LF	\$33	300	\$9,900				
FENCING SUBTOTAL				\$11,400	\$11,400	\$13,100	\$1,700	\$14,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	9	\$1,350				
Install new bench (including pad)	EA	\$1,400	9	\$12,600				
New trash receptacle	EA	\$1,000	5	\$5,000				
New bike racks	EA	\$1,500	6	\$9,000				
Remove wood retaining wall	LS	\$2,000	1	\$2,000				
Install new concrete wall	LF	\$65	65	\$4,225				
SITE FURNISHINGS SUBTOTAL				\$36,675	\$36,700	\$42,200	\$5,500	\$47,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	4	\$2,000				
Ornamental tree, 10' Ht.	EA	\$350	3	\$1,050				
Deciduous shrub	EA	\$55	50	\$2,750				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	400	\$2,400				
LANDSCAPE SUBTOTAL				\$9,825	\$9,800	\$11,300	\$1,500	\$12,800
TOTALS:				\$80,250				
MOBILIZATION: 5%				\$4,013				
CONSTRUCTION CONTINGENCIES: 10%				\$8,025				
BASE IMPROVEMENT SUBTOTALS:				\$92,288				
SURVEY & TESTING 3%				\$2,769				
DESIGN & ENGINEERING 10%				\$9,229				
BASE IMPROVEMENT TOTALS:				\$104,285	\$80,300	\$92,400	\$12,000	\$104,400

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
TALLMADGE PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,200	\$9,300
GRADING DRAINAGE & UTILITIES								
Regrade open area to improve drainage	CY	\$12	350	\$4,200				
Install inlets with restrictors	EA	\$2,500	2	\$5,000				
Install inlets	EA	\$1,200	2	\$2,400				
RCP sewer pipe	LF	\$25	400	\$10,000				
Connection to sewer and patch	EA	\$2,500	1	\$2,500				
Seed/sod graded areas	SY	\$2.00	2,500	\$5,000				
GRADING DRAINAGE & UTILITIES SUBTOTAL				\$29,100	\$29,100	\$33,500	\$4,400	\$37,900
ELECTRICAL/LIGHTING								
Additional light standards	EA	\$3,000	6	\$18,000				
Parking lot lights	EA	\$2,500	4	\$10,000				
Conduit, wiring & electrical outlets	LF	\$14	500	\$7,000				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$45,000	\$45,000	\$51,800	\$6,700	\$58,500
PAVEMENTS								
New drop-off area	LS	\$15,000	1	\$15,000				
Additional walks	SF	\$5.50	500	\$2,750				
Modifications to dumpster area	LS	\$10,000	1	\$10,000				
Incidental grading and seeding	LF	\$5	300	\$1,500				
PAVEMENTS SUBTOTAL				\$29,250	\$29,300	\$33,700	\$4,400	\$38,100
RECREATIONAL/ATHLETIC FACILITIES								
Player benches	EA	\$1,400	4	\$5,600				
RECREATIONAL/ATHLETIC FACILITIES SUBTOTAL				\$5,600	\$5,600	\$6,400	\$800	\$7,200
FENCING								
Remove existing fencing along boundaries	LF	\$5	280	\$1,400				
New fencing along street	LF	\$28	280	\$7,840				
FENCING SUBTOTAL				\$9,240	\$9,200	\$10,600	\$1,400	\$12,000
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Bollards at entrance	EA	\$800	3	\$2,400				
New bike racks	EA	\$1,500	2	\$3,000				
New banner system	LS	\$2,500	1	\$2,500				
New trash receptacle	EA	\$1,000	6	\$6,000				
SITE FURNISHINGS SUBTOTAL				\$18,900	\$18,900	\$21,700	\$2,800	\$24,500
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Ornamental tree, 10' Ht.	EA	\$350	6	\$2,100				
Deciduous shrub	EA	\$55	35	\$1,925				
Evergreen shrub	EA	\$65	25	\$1,625				
Perennial/ground cover beds	SF	\$6	250	\$1,500				
LANDSCAPE SUBTOTAL				\$12,150	\$12,200	\$14,000	\$1,800	\$15,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

TOTALS:	\$156,240				
MOBILIZATION: 5%	\$7,812				
CONSTRUCTION CONTINGENCIES: 10%	\$15,624				
BASE IMPROVEMENT SUBTOTALS:	\$179,676				
SURVEY & TESTING 3%	\$5,390				
DESIGN & ENGINEERING 10%	\$17,968				
BASE IMPROVEMENT TOTALS:	\$203,034	\$156,300	\$179,800	\$23,500	\$203,300

**ESTIMATE OF PROBABLE CONSTRUCTION COST
TORGERSON PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,200	\$9,300
PAVEMENTS								
New asphalt base and pavement	SY	\$30.00	285	\$8,550				
Incidental grading and seeding	LF	\$5.00	500	\$2,500				
PAVEMENTS SUBTOTAL				\$11,050	\$11,100	\$12,800	\$1,700	\$14,500
PLAYGROUND								
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$3,500	1	\$3,500				
PLAYGROUND SUBTOTAL				\$68,500	\$68,500	\$78,800	\$10,200	\$89,000
FENCING								
Remove existing fence along alley	LF	\$5	520	\$2,600				
New 5' vinyl coated chain link fencing	LF	\$33	520	\$17,160				
FENCING SUBTOTAL				\$19,760	\$19,800	\$22,800	\$3,000	\$25,800
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	5	\$7,000				
New trash receptacle	EA	\$1,000	3	\$3,000				
SITE FURNISHINGS SUBTOTAL				\$13,250	\$13,300	\$15,300	\$2,000	\$17,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	10	\$5,000				
Deciduous shrub	EA	\$55	25	\$1,375				
Evergreen shrub	EA	\$65	35	\$2,275				
LANDSCAPE SUBTOTAL				\$8,650	\$8,700	\$10,000	\$1,300	\$11,300
TOTALS:								
				\$128,210				
MOBILIZATION: 5%				\$6,411				
CONSTRUCTION CONTINGENCIES: 10%				\$12,821				
BASE IMPROVEMENT SUBTOTALS:				\$147,442				
SURVEY & TESTING 3%				\$4,423				
DESIGN & ENGINEERING 10%				\$14,744				
BASE IMPROVEMENT TOTALS:				\$166,609	\$128,400	\$147,800	\$19,400	\$167,200

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
TRAHAN PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,200	\$9,300
PAVEMENTS								
New limestone screening walk	SF	\$2.50	1,300	\$3,250				
New concrete paving seating area	SF	\$5.50	400	\$2,200				
Incidental grading and seeding	LF	\$4.00	400	\$1,600				
PAVEMENTS SUBTOTAL				\$7,050	\$7,100	\$8,200	\$1,100	\$9,300
PLAYGROUND								
New tot playground - medium size	LS	\$65,000	1	\$65,000				
Grading/landscape/sodding	LS	\$4,000	1	\$4,000				
PLAYGROUND SUBTOTAL				\$69,000	\$69,000	\$79,400	\$10,300	\$89,700
FENCING								
Remove existing fence along alley	LF	\$5	110	\$550				
New 5' vinyl coated chain link fencing	LF	\$33	110	\$3,630				
FENCING SUBTOTAL				\$4,180	\$4,200	\$4,800	\$600	\$5,400
SITE FURNISHINGS								
Identification sign	EA	\$2,500	1	\$2,500				
Remove existing bench	EA	\$150	5	\$750				
Install new bench (including pad)	EA	\$1,400	5	\$7,000				
New trash receptacle	EA	\$1,000	4	\$4,000				
New picnic tables	EA	\$1,200	2	\$2,400				
SITE FURNISHINGS SUBTOTAL				\$16,650	\$16,700	\$19,200	\$2,500	\$21,700
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	6	\$3,000				
Deciduous shrub	EA	\$55	50	\$2,750				
Evergreen shrub	EA	\$65	25	\$1,625				
LANDSCAPE SUBTOTAL				\$7,375	\$7,400	\$8,500	\$1,100	\$9,600
TOTALS:				\$111,255				
MOBILIZATION: 5%				\$5,563				
CONSTRUCTION CONTINGENCIES: 10%				\$11,126				
BASE IMPROVEMENT SUBTOTALS:				\$127,943				
SURVEY & TESTING 3%				\$3,838				
DESIGN & ENGINEERING 10%				\$12,794				
BASE IMPROVEMENT TOTALS:				\$144,576	\$111,400	\$128,200	\$16,800	\$145,000

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**ESTIMATE OF PROBABLE CONSTRUCTION COST
TWIGGS PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
MISCELLANEOUS								
Construction sign	EA	\$600	1	\$600				
Construction fencing	LF	\$8	800	\$6,400				
MISCELLANEOUS SUBTOTAL				\$7,000	\$7,000	\$8,100	\$1,200	\$9,300
ELECTRICAL/LIGHTING								
New pedestrian lights/foundations	EA	\$3,500	6	\$21,000				
Conduit and wiring	LF	\$14	250	\$3,500				
Electrical controls/power source	LS	\$10,000	1	\$10,000				
ELECTRICAL/LIGHTING SUBTOTAL				\$34,500	\$34,500	\$39,700	\$5,200	\$44,900
PAVEMENTS								
Remove existing asphalt paving	SF	\$1.25	6,800	\$8,500				
New asphalt base and pavement	SY	\$30.00	1,200	\$36,000				
Remove existing asphalt driveway	SF	\$1.25	9,000	\$11,250				
Remove concrete curb	LF	\$5.00	600	\$3,000				
Incidental grading and seeding	LF	\$4.00	1,600	\$6,400				
PAVEMENTS SUBTOTAL				\$65,150	\$65,200	\$75,000	\$9,800	\$84,800
FENCING								
Remove existing chain link fencing	LF	\$5	1,600	\$8,000				
New 4' vinyl coated chain link fencing	LF	\$28	1,600	\$44,800				
Remove and replace barriers at entrances	LF	\$25	100	\$2,500				
FENCING SUBTOTAL				\$55,300	\$55,300	\$63,600	\$8,300	\$71,900
SITE FURNISHINGS								
Identification sign	EA	\$2,500	2	\$5,000				
Remove existing bench	EA	\$150	4	\$600				
Install new bench (including pad)	EA	\$1,400	4	\$5,600				
New trash receptacle	EA	\$1,000	14	\$14,000				
New picnic tables	EA	\$1,000	5	\$5,000				
SITE FURNISHINGS SUBTOTAL				\$30,200	\$30,200	\$34,800	\$4,500	\$39,300
LANDSCAPE								
Shade tree, 2.5" - 3" Cal.	EA	\$500	30	\$15,000				
Ornamental tree, 10' Ht.	EA	\$350	10	\$3,500				
Deciduous shrub	EA	\$55	65	\$3,575				
Evergreen shrub	EA	\$65	35	\$2,275				
LANDSCAPE SUBTOTAL				\$24,350	\$24,400	\$28,000	\$3,600	\$31,600
TOTALS:				\$216,500				
MOBILIZATION: 5%				\$10,825				
CONSTRUCTION CONTINGENCIES: 10%				\$21,650				
BASE IMPROVEMENT SUBTOTALS:				\$248,975				
SURVEY & TESTING 3%				\$7,469				
DESIGN & ENGINEERING 10%				\$24,898				
BASE IMPROVEMENT TOTALS:				\$281,342	\$216,600	\$249,200	\$32,600	\$281,800

APPENDIX A – PARK SITE IMPROVEMENT COSTS

**APPENDIX B
PARK BUILDING
IMPROVEMENT COSTS**

The following pages document the detailed cost estimates prepared for improvements for each park building as identified in Section 6.

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

ESTIMATE OF PROBABLE CONSTRUCTION COST

ACKERMAN PARK - RESTROOM BUILDING

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$8,000	1	\$8,000				
New Building Construction	SF	\$160	1,100	\$176,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	160	\$32,000				
TOTALS:				\$216,000				
MOBILIZATION: 5%				\$10,800				
CONSTRUCTION CONTINGENCIES: 15%				\$32,400				
BASE IMPROVEMENT SUBTOTALS:				\$259,200				
ARCHITECTURAL DESIGN FEES 15%				\$38,880				
BASE IMPROVEMENT TOTALS:				\$298,080	\$216,000	\$259,200	\$38,900	\$298,100

ESTIMATE OF PROBABLE CONSTRUCTION COST

BAKER PARK - RESTROOM BUILDING

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$8,000	1	\$8,000				
New building construction	SF	\$160	1,100	\$176,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	100	\$20,000				
TOTALS:				\$204,000				
MOBILIZATION: 5%				\$10,200				
CONSTRUCTION CONTINGENCIES: 15%				\$30,600				
BASE IMPROVEMENT SUBTOTALS:				\$244,800				
ARCHITECTURAL DESIGN FEES 15%				\$36,720				
BASE IMPROVEMENT TOTALS:				\$281,520	\$204,000	\$244,800	\$36,700	\$281,500

ESTIMATE OF PROBABLE CONSTRUCTION COST

BENT PARK - RESTROOM BUILDING

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$8,000	1	\$8,000				
New building construction	SF	\$160	1,200	\$192,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	150	\$30,000				
TOTALS:				\$230,000				
MOBILIZATION: 5%				\$11,500				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

<i>CONSTRUCTION CONTINGENCIES: 15%</i>	\$34,500				
<i>BASE IMPROVEMENT SUBTOTALS:</i>	\$276,000				
<i>ARCHITECTURAL DESIGN FEES 15%</i>	\$41,400				
<i>BASE IMPROVEMENT TOTALS:</i>	\$317,400	\$230,000	\$276,000	\$41,400	\$317,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CARTWRIGHT PARK - GAZEBO**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition (roofing)	LS	\$500	1	\$500				
Re-roof	SF	\$7	350	\$2,450				
Stain/paint	SF	\$2	750	\$1,500				
TOTALS:				\$4,450				
MOBILIZATION: 5%				\$223				
CONSTRUCTION CONTINGENCIES: 15%				\$668				
BASE IMPROVEMENT SUBTOTALS:				\$5,340				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$5,340	\$4,450	\$5,400		\$5,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CENTENNIAL PARK - CLARK STREET BEACH
RESTROOM BEACH ENTRANCE BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$8,000	1	\$8,000				
New building construction	SF	\$160	2,300	\$368,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	120	\$24,000				
TOTALS:				\$400,000				
MOBILIZATION: 5%				\$20,000				
CONSTRUCTION CONTINGENCIES: 15%				\$60,000				
BASE IMPROVEMENT SUBTOTALS:				\$480,000				
ARCHITECTURAL DESIGN FEES 15%				\$72,000				
BASE IMPROVEMENT TOTALS:				\$552,000	\$400,000	\$480,000	\$72,000	\$552,000

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CHANDLER PARK - COMMUNITY CENTER BUILDING**

Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Value & C/M	Engr Survey/Test	Proj Value
Excavation/backfill	CY	\$100	40	\$4,000				
Foundation wall waterproofing	SF	\$10	225	\$2,250				
Gymnasium divider	SF	\$10	1,680	\$16,800				
Accoustical baffles	SF	\$12	1,575	\$18,900				
Basketball goals (automated swing-up)	EA	\$3,000	6	\$18,000				
Scoreboard	EA	\$15,000	1	\$15,000				
Sound system (incl. Speakers/trumpet)	EA	\$20,000	1	\$20,000				
Masonry tuckpointing/cleaning	SF	\$5	15,000	\$75,000				
Door hardware replacement (classroom closets)	EA	\$475	4	\$1,900				
Electric water cooler replacement	EA	\$1,600	2	\$3,200				
Sacrificial graffiti coating at east wall	SF	\$5	4,700	\$23,500				
Interior renovation	SF	\$50						
Sealant	LS	\$5,000	1	\$5,000				
TOTALS:				\$203,550				
MOBILIZATION: 5%				\$10,178				
CONSTRUCTION CONTINGENCIES: 15%				\$30,533				
BASE IMPROVEMENT SUBTOTALS:				\$244,260				
ARCHITECTURAL DESIGN FEES 10%				\$24,426				
BASE IMPROVEMENT TOTALS:				\$268,686	\$203,600	\$244,300	\$24,400	\$268,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
CROWN PARK - COMMUNITY CENTER BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition of building	LS			\$50,000				
New construction	SF	\$250	30,000	\$7,500,000				
Utilities	LF	\$200	50	\$10,000				
TOTALS:				\$7,560,000				
MOBILIZATION: 5%				\$378,000				
CONSTRUCTION CONTINGENCIES: 15%				\$1,134,000				
BASE IMPROVEMENT SUBTOTALS:				\$9,072,000				
ARCHITECTURAL DESIGN FEES 10%				\$907,200				
BASE IMPROVEMENT TOTALS:				\$9,979,200	\$7,560,000	\$9,072,000	\$907,200	\$9,979,200

**ESTIMATE OF PROBABLE CONSTRUCTION COST
DAWES PARK - GREENWOOD BEACH
RESTROOM ENTRANCE BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

Demolition	LS	\$8,000	1	\$8,000				
New building construction	SF	\$160	2,300	\$368,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	100	\$20,000				
TOTALS:				\$396,000				
MOBILIZATION: 5%				\$19,800				
CONSTRUCTION CONTINGENCIES: 15%				\$59,400				
BASE IMPROVEMENT SUBTOTALS:				\$475,200				
ARCHITECTURAL DESIGN FEES 15%				\$71,280				
BASE IMPROVEMENT TOTALS:				\$546,480	\$396,000	\$475,200	\$71,300	\$546,500

ESTIMATE OF PROBABLE CONSTRUCTION COST

DAWES PARK - RESTROOM/SHELTER

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition roofing	LS	\$1,000	1	\$1,000				
Window & door replacement	EA	\$900	26	\$23,400				
Miscellaneous carpentry	LS	\$2,500	1	\$2,500				
Electrical and lighting	SF	\$9	1,090	\$9,810				
Masonry cleaning & tuckpointing	SF	\$5	1,400	\$7,000				
Signage	LS	\$250	2	\$500				
Re-roofing	SF	\$7	800	\$5,600				
Stain/painting	SF	\$2	1,000	\$2,000				
TOTALS:				\$51,810				
MOBILIZATION: 5%				\$2,591				
CONSTRUCTION CONTINGENCIES: 15%				\$7,772				
BASE IMPROVEMENT SUBTOTALS:				\$62,172				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$62,172	\$51,800	\$62,200		\$62,200

ESTIMATE OF PROBABLE CONSTRUCTION COST

DEMPSTER BEACH - AQUATICS BUILDING

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$10,000	1	\$10,000				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

New building construction	SF	\$200	3,500	\$700,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	250	\$50,000				
TOTALS:				\$760,000				
MOBILIZATION: 5%				\$38,000				
CONSTRUCTION CONTINGENCIES: 15%				\$114,000				
BASE IMPROVEMENT SUBTOTALS:				\$912,000				
ARCHITECTURAL DESIGN FEES 15%				\$136,800				
BASE IMPROVEMENT TOTALS:				\$1,048,800	\$760,000	\$912,000	\$136,800	\$1,048,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
DOBSON-BRUMMEL PARK - SHELTER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Stain/paint	SF	\$2	150	\$300				
TOTALS:				\$300				
MOBILIZATION: 5%				\$15				
CONSTRUCTION CONTINGENCIES: 15%				\$45				
BASE IMPROVEMENT SUBTOTALS:				\$360				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$360	\$300	\$400		\$400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
ELLIOTT PARK - LEE STREET BEACH
RESTROOM ENTRANCE BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$8,000	1	\$8,000				
New building construction	SF	\$160	2,300	\$368,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	60	\$12,000				
TOTALS:				\$388,000				
MOBILIZATION: 5%				\$19,400				
CONSTRUCTION CONTINGENCIES: 15%				\$58,200				
BASE IMPROVEMENT SUBTOTALS:				\$465,600				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

<i>ARCHITECTURAL DESIGN FEES</i> 15%	\$69,840				
BASE IMPROVEMENT TOTALS:	\$535,440	\$388,000	\$465,600	\$69,800	\$535,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
FLEETWOOD-JOURDAIN COMMUNITY CENTER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
Elevator	EA	\$40,000	1	\$40,000				
Wheelchair lift	EA	\$30,000	1	\$30,000				
Accessible ramp at front entry	LS	\$5,000	1	\$5,000				
Masonry cleaning & tuckpointing	SF	\$5	12,000	\$60,000				
Railing replacement (exterior)	LF	\$75	24	\$1,800				
Refuse enclosure	LS	\$7,500	1	\$7,500				
Drinking fountain replacement (exterior)	EA	\$1,600	1	\$1,600				
Electrical system upgrade	SF	\$7	5,000	\$35,000				
Telephone system replacement	SF	\$3	10,000	\$30,000				
Computer network (admin offices)	SF	\$3	1,500	\$4,500				
Gynasium divider	SF	\$10	1,900	\$19,000				
Wood floor replacement at gymnasium	SF	\$10	9,800	\$98,000				
Gymnasium bleachers (automatic)	SEAT	\$175	500	\$87,500				
Interior renovation (misc)	SF	\$30	2,500	\$75,000				
Interior renovation (locker room)	SF	\$75	2,500	\$187,500				
Interior signage	LS	\$3,000	1	\$3,000				
Display boards	LS	\$6,000	1	\$6,000				
TOTALS:				\$691,400				
MOBILIZATION: 5%				\$34,570				
CONSTRUCTION CONTINGENCIES: 15%				\$103,710				
BASE IMPROVEMENT SUBTOTALS:				\$829,680				
ARCHITECTURAL DESIGN FEES 15%				\$124,452				
BASE IMPROVEMENT TOTALS:				\$954,132	\$691,400	\$829,700	\$124,500	\$954,200

**ESTIMATE OF PROBABLE CONSTRUCTION COST
FLEETWOOD-JOURDAIN COMMUNITY CENTER - THEATER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
Theater expansion	SF	\$175	24,000	\$4,200,000				
TOTALS:				\$4,200,000				
MOBILIZATION: 5%				\$210,000				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

CONSTRUCTION CONTINGENCIES: 15%	\$630,000				
BASE IMPROVEMENT SUBTOTALS:	\$5,040,000				
ARCHITECTURAL DESIGN FEES 15%	\$756,000				
BASE IMPROVEMENT TOTALS:	\$5,796,000	\$4,200,000	\$5,040,000	\$756,000	\$5,796,000

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LADD ARBORETUM - GAZEBO**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition (roofing)	LS	\$500	1	\$500				
Miscellaneous carpentry	LS	\$4,000	1	\$4,000				
Masonry cleaning and tuckpointing	SF	\$5	270	\$1,350				
Re-roof	SF	\$7	350	\$2,450				
Stain/paint	SF	\$2	500	\$1,000				
TOTALS:				\$9,300				
MOBILIZATION: 5%				\$465				
CONSTRUCTION CONTINGENCIES: 15%				\$1,395				
BASE IMPROVEMENT SUBTOTALS:				\$11,160				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$11,160	\$9,300	\$11,200		\$11,200

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LADD ARBORETUM - ECOLOGY CENTER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition roofing	LS	\$2,000	1	\$2,000				
New roofing	SF	\$7	3,500	\$24,500				
Removal of passive solar heat storage system	LS	\$5,000	1	\$5,000				
Generator switch gear removal	LS	\$5,000	1	\$5,000				
Windmill structure/enclosure maintenance	LS	\$5,000	1	\$5,000				
Masonry cleaning & tuckpointing	SF	\$5	2,000	\$10,000				
Stain/paint	SF	\$2	1,500	\$3,000				
Sealant/caulking	LS	\$7,500	1	\$7,500				
Compost enclosure	LS	\$7,500	1	\$7,500				
Greenhouse replacement	SF	\$110	600	\$66,000				
Rooftop sloped glazing replacement	SF	\$80	250	\$20,000				
Mics. Exterior carpentry	LS	\$20,000	1	\$20,000				
Interior renovation (misc)	LS	\$20,000	1	\$20,000				
TOTALS:				\$195,500				
MOBILIZATION: 5%				\$9,775				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

<i>CONSTRUCTION CONTINGENCIES: 15%</i>	\$29,325				
<i>BASE IMPROVEMENT SUBTOTALS:</i>	\$234,600				
<i>ARCHITECTURAL DESIGN FEES 15%</i>	\$35,190				
<i>BASE IMPROVEMENT TOTALS:</i>	\$269,790	\$195,500	\$234,600	\$35,200	\$269,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LARIMER PARK - SHELTER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition (roofing)	LS	\$1,000	1	\$1,000				
Miscellaneous carpentry	LS	\$3,500	1	\$3,500				
Electrical/lighting	LS	\$5,000	1	\$5,000				
Glazing	SF	\$20	80	\$1,600				
Signage	LS	\$250	2	\$500				
Re-roof	SF	\$7	600	\$4,200				
Stain/paint	SF	\$2	2,000	\$4,000				
TOTALS:				\$19,800				
MOBILIZATION: 5%				\$990				
CONSTRUCTION CONTINGENCIES: 15%				\$2,970				
BASE IMPROVEMENT SUBTOTALS:				\$23,760				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$23,760	\$19,800	\$23,800		\$23,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LAWSON PARK SHELTER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition (roofing)	LS	\$800	1	\$800				
Re-roof	SF	\$7	900	\$6,300				
Stain/paint	SF	\$2	1,000	\$2,000				
TOTALS:				\$9,100				
MOBILIZATION: 5%				\$455				
CONSTRUCTION CONTINGENCIES: 15%				\$1,365				
BASE IMPROVEMENT SUBTOTALS:				\$10,920				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$10,920	\$9,100	\$10,900		\$10,900

ESTIMATE OF PROBABLE CONSTRUCTION COST

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

LEAHY COMMUNITY PARK - RESTROOM BUILDING

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Signage	LS	\$250	2	\$500				
Demolition roofing	LS	\$1,400	1	\$1,400				
Replace skylights	EA	\$7	400	\$2,800				
Replace roofing	SF	\$7	1,200	\$8,400				
Miscellaneous carpentry	LS	\$2,000	1	\$2,000				
Stain/paint	SF	\$2	1,500	\$3,000				
TOTALS:				\$18,100				
MOBILIZATION: 5%				\$905				
CONSTRUCTION CONTINGENCIES: 15%				\$2,715				
BASE IMPROVEMENT SUBTOTALS:				\$21,720				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$21,720	\$18,100	\$21,700		\$21,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LIGHTHOUSE LANDING PARK/LIGHTHOUSE BEACH - RESTROOM**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Demolition	LS	\$20,000	1	\$20,000				
New construction (includes stairs)	SF	\$160	2,500	\$400,000				
Utilities (water, sewer, electric, gas)	LF	\$200	300	\$60,000				
Rooftop pavillion	SF	\$100	225	\$22,500				
Railing	LF	\$75	125	\$9,375				
TOTALS:				\$511,875				
MOBILIZATION: 5%				\$25,594				
CONSTRUCTION CONTINGENCIES: 15%				\$76,781				
BASE IMPROVEMENT SUBTOTALS:				\$614,250				
ARCHITECTURAL DESIGN FEES 15%				\$92,138				
BASE IMPROVEMENT TOTALS:				\$706,388	\$511,875	\$614,300	\$92,100	\$706,400

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LIGHTHOUSE LANDING PARK - NORTH BOILER BUILDINGS**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
------	------	------------	-------	-------	--------------	--------------------	--------------------------	------------------

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

Demolition of roofing	LS	\$2,000	1	\$2,000					
Window and door replacement	EA	\$900	8	\$7,200					
Misc. carpentry	LS	\$10,000	1	\$10,000					
Electrical/lighting	SF	\$9	800	\$7,200					
HVAC	SF	\$10	800	\$8,000					
Masonry tuckpointing and cleaning	SF	\$5	1,400	\$7,000					
Signage	EA	\$250	2	\$500					
Re-roofing (metal)	SF	\$12	1,000	\$12,000					
Gutters/downspouts	LF	\$20	120	\$2,400					
Replace missing foghorn bell (decorative)	LS	\$5,000	1	\$5,000					
Stain/paint (interior and exterior)	SF	\$2	4,000	\$8,000					
Toilet room reconstruction	EA	\$7,500	1	\$7,500					
TOTALS:					\$76,800				
MOBILIZATION: 5%					\$3,840				
CONSTRUCTION CONTINGENCIES: 15%					\$11,520				
BASE IMPROVEMENT SUBTOTALS:					\$92,160				
HISTORIC CONSULTANT:					\$5,000				
ARCHITECTURAL DESIGN FEES 15%					\$13,824				
BASE IMPROVEMENT TOTALS:					\$110,984	\$76,800	\$92,200	\$18,800	\$111,000

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LIGHTHOUSE LANDING PARK - SOUTH BOILER BUILDINGS**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
Demolition of roofing	LS	\$2,000	1	\$2,000				
Demolition (overhead rolling shutters)	LS	\$5,000	1	\$5,000				
Window and door replacement	EA	\$1,800	10	\$18,000				
Misc. carpentry	LS	\$10,000	1	\$10,000				
Electrical/lighting (incl display lighting)	SF	\$15	800	\$12,000				
HVAC	SF	\$10	800	\$8,000				
Masonry tuckpointing and cleaning	SF	\$5	1,400	\$7,000				
Signage	EA	\$250	2	\$500				
Re-roofing (metal)	SF	\$12	1,000	\$12,000				
Gutters/downspouts	LF	\$20	120	\$2,400				
Interior renovation	SF	\$50	800	\$40,000				
Stain/paint (interior and exterior)	SF	\$2	4,000	\$8,000				
Toilet room reconstruction	EA	\$7,500	1	\$7,500				
TOTALS:					\$132,400			

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

MOBILIZATION: 5%	\$6,620				
CONSTRUCTION CONTINGENCIES: 15%	\$19,860				
BASE IMPROVEMENT SUBTOTALS:	\$158,880				
HISTORIC CONSULTANT:	\$5,000				
ARCHITECTURAL DESIGN FEES 15%	\$23,832				
BASE IMPROVEMENT TOTALS:	\$187,712	\$132,400	\$158,900	\$28,800	\$187,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LIGHTHOUSE LANDING PARK - GREENHOUSE STRUCTURE**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Re-glazing (incl ventilating units)	SF	\$25	1,150	\$28,750				
Misc. carpentry	LS	\$10,000	1	\$10,000				
Electrical/lighting (incl display lighting)	SF	\$15	600	\$9,000				
HVAC/humidification	SF	\$15	600	\$9,000				
Masonry tuckpointing and cleaning	SF	\$7	250	\$1,750				
Signage	EA	\$250	2	\$500				
Demolition concrete slab	SF	\$6	600	\$3,600				
Concrete slab	SF	\$8	600	\$4,800				
Stain/paint (interior and exterior)	SF	\$2	1,000	\$2,000				
TOTALS:				\$69,400				
MOBILIZATION: 5%				\$3,470				
CONSTRUCTION CONTINGENCIES: 15%				\$10,410				
BASE IMPROVEMENT SUBTOTALS:				\$83,280				
ARCHITECTURAL DESIGN FEES 15%				\$12,492				
BASE IMPROVEMENT TOTALS:				\$95,772	\$69,400	\$83,300	\$12,500	\$95,800

**ESTIMATE OF PROBABLE CONSTRUCTION COST
LOVELACE PARK - RESTROOM BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Caulking/sealant	LS	\$2,000	1	\$2,000				
Miscellaneous carpentry exterior	LS	\$5,500	1	\$5,500				
Exterior masonry sealant	SF	\$5	1,500	\$7,500				
Masonry tuckpointing & cleaning	SF	\$5	1,500	\$7,500				
Signage	EA	\$250	2	\$500				
Stain/paint interior	SF	\$2	3,000	\$6,000				
Stain/paint exterior	SF	\$2	625	\$1,250				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

Lighting/electrical	LS	\$9	1,140	\$10,260				
TOTALS:				\$40,510				
MOBILIZATION: 5%				\$2,026				
CONSTRUCTION CONTINGENCIES: 15%				\$6,077				
BASE IMPROVEMENT SUBTOTALS:				\$48,612				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$48,612	\$40,510	\$48,600		\$48,600

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MASON PARK**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Caulking/sealant	LS	\$2,000	1	\$2,000				
Miscellaneous carpentry exterior	LS	\$5,500	1	\$5,500				
Exterior masonry sealer/stain - concrete	SF	\$5	700	\$3,500				
Masonry tuckpointing/cleaning	SF	\$5	1,500	\$7,500				
Signage	EA	\$250	2	\$500				
Stain/paint interior	SF	\$2	3,500	\$7,000				
Stain/paint exterior	SF	\$2	625	\$1,250				
Lighting/electrical	LS	\$9	1,560	\$14,040				
Railing	LF	\$75	12	\$900				
Window replacement	EA	\$40	200	\$8,000				
Miscellaneous interior finishes	LS	\$2,500	1	\$2,500				
TOTALS:				\$52,690				
MOBILIZATION: 5%				\$2,635				
CONSTRUCTION CONTINGENCIES: 15%				\$7,904				
BASE IMPROVEMENT SUBTOTALS:				\$63,228				
ARCHITECTURAL DESIGN FEES 15%				\$9,484				
BASE IMPROVEMENT TOTALS:				\$72,712	\$52,690	\$63,200	\$9,500	\$72,700

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SOUTH BOULEVARD BEACH
RESTROOM ENTRANCE BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Value & C/M	Engr Survey/Test	Proj Value
Demolition	LS	\$8,000	1	\$8,000				
New Building Construction	SF	\$160	2,300	\$368,000				
Utilities (water, sanitary, water, gas, electric)	LF	\$200	120	\$24,000				
TOTALS:				\$400,000				
MOBILIZATION: 5%				\$20,000				

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

<i>CONSTRUCTION CONTINGENCIES: 15%</i>	\$60,000				
<i>BASE IMPROVEMENT SUBTOTALS:</i>	\$480,000				
<i>ARCHITECTURAL DESIGN FEES 15%</i>	\$72,000				
<i>BASE IMPROVEMENT TOTALS:</i>	\$552,000	\$400,000	\$480,000	\$72,000	\$552,000

**ESTIMATE OF PROBABLE CONSTRUCTION COST
NOYES COMMUNITY
CENTER**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Door and hardware replacement	EA	\$500	175	\$87,500				
Master key system (keyless)	EA	\$400	100	\$40,000				
Roofing repair (actor's gymnasium)	LS	\$7,500	1	\$7,500				
Stain/paint exterior	SF	\$2	16,000	\$32,000				
Railing replacement exterior	LF	\$75	35	\$2,625				
Refuse enclosure	LS	\$7,500	1	\$7,500				
Excavation/backfill	CY	\$100	24	\$2,400				
Foundation wall waterproofing	SF	\$10	160	\$1,600				
Electrical system upgrading	SF	\$7	58,500	\$409,500				
Second floor hall lighting replacement								
Telephone system replacement	SF	\$3	58,500	\$175,500				
Computer network (admin. Offices)	SF	\$3	1,200	\$3,600				
Air conditioning system throughout	SF	\$12	58,500	\$702,000				
Wood floor refinishing	SF	\$3	4,000	\$12,000				
Stair rail replacement	LF	\$100	50	\$5,000				
Interior renovation (theater box office and concession)	SF	\$50	200	\$10,000				
Interior renovation (theater toilet accessibility)	LS	\$7,500	1	\$7,500				
Interior renovation (theater kitchen)	LS	\$15,000	1	\$15,000				
Interior renovation (offices)	SF	\$50	1,200	\$60,000				
Interior renovation (misc.)	LS	\$10,000	1	\$10,000				
Interior renovation (UPS drop-off area)	LS	\$4,000	1	\$4,000				
Interior renovation (basement studio accessibility)	LS	\$8,000	1	\$8,000				
TOTALS:				\$1,603,225				
<i>MOBILIZATION: 5%</i>				\$80,161				
<i>CONSTRUCTION CONTINGENCIES: 15%</i>				\$240,484				
<i>BASE IMPROVEMENT SUBTOTALS:</i>				\$1,923,870				
<i>ARCHITECTURAL DESIGN FEES 15%</i>				\$288,581				
<i>BASE IMPROVEMENT TOTALS:</i>				\$2,212,451	\$1,603,200	\$1,923,900	\$288,600	\$2,212,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
TWIGGS PARK SHELTER**

Item	Unit	Constr Value	Constr Value & C/M	Design/ Engr	Total Proj

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

Item	Unit	Price	Quan.	Costs	Value	& C/M	Survey/Test	Value
Stain/paint	SF	\$2	850	\$1,700				
TOTALS:				\$1,700				
MOBILIZATION: 5%				\$85				
CONSTRUCTION CONTINGENCIES: 15%				\$255				
BASE IMPROVEMENT SUBTOTALS:				\$2,040				
ARCHITECTURAL DESIGN FEES								
BASE IMPROVEMENT TOTALS:				\$2,040	\$1,700	\$2,000		\$2,000

APPENDIX B – PARK BUILDING IMPROVEMENT COSTS

**APPENDIX C
NEW BUILDING
IMPROVEMENT COSTS**

The following pages document the detailed cost estimates prepared for new park and building improvements as identified in Section 6.

**ESTIMATE OF PROBABLE CONSTRUCTION COST
MULTI-PURPOSE RECREATION BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Sur-vey/Test	Total Proj Value
New Building Construction	SF			\$13,149,600				
TOTALS:				\$13,149,600				
BASE IMPROVEMENT SUBTOTALS:				\$13,149,600				
ARCHITECTURAL DESIGN FEES				\$854,800				

APPENDIX C – NEW PARK/BUILDING IMPROVEMENT COSTS

BASE IMPROVEMENT TOTALS:	\$14,004,400	\$13,149,600	\$854,800	\$14,004,400
---------------------------------	--------------	--------------	-----------	--------------

**ESTIMATE OF PROBABLE CONSTRUCTION COST
SOUTHEAST EVANSTON RECREATION BUILDING**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
Land Acquisition (1.5 acres)	SF	\$35	65,000	\$2,275,000				
Demolition of Building(s)	LS	\$50,000	1	\$50,000				
New construction	SF	\$150	30,000	\$4,500,000				
Parking lot	Space	\$7,500	100	\$750,000				
Walks	SF	\$5.50	2,000	\$11,000				
Landscape	LS	\$35,000	1	\$35,000				
Utilities	LF	\$200	50	\$10,000				
TOTALS:				\$7,631,000				
MOBILIZATION: 5%				\$381,550				
CONSTRUCTION CONTINGENCIES: 10%				\$763,100				
BASE IMPROVEMENT SUBTOTALS:				\$8,775,650				
ARCHITECTURAL DESIGN FEES 13%				\$1,140,835				
BASE IMPROVEMENT TOTALS:				\$9,916,485	\$7,631,000	\$8,775,700	\$1,140,800	\$9,916,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
INDOOR SWIMMING POOL**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
New indoor swimming pool				\$6,500,000				
TOTALS:				\$6,500,000				
MOBILIZATION: 5%				\$325,000				
CONSTRUCTION CONTINGENCIES: 15%				\$975,000				
BASE IMPROVEMENT SUBTOTALS:				\$7,800,000				
ARCHITECTURAL DESIGN FEES 12%				\$936,000				
BASE IMPROVEMENT TOTALS:				\$8,736,000	\$6,500,000	\$7,800,000	\$936,000	\$8,736,000

**ESTIMATE OF PROBABLE CONSTRUCTION COST
OUTDOOR SKATE BOARD PARK 1**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/Engr Survey/Test	Total Proj Value
Outdoor skate board park				\$125,000				

APPENDIX C – NEW PARK/BUILDING IMPROVEMENT COSTS

TOTALS:	\$125,000				
MOBILIZATION: 5%	\$6,250				
CONSTRUCTION CONTINGENCIES: 15%	\$18,750				
BASE IMPROVEMENT SUBTOTALS:	\$150,000				
ARCHITECTURAL DESIGN FEES 15%	\$22,500				
BASE IMPROVEMENT TOTALS:	\$172,500	\$125,000	\$150,000	\$22,500	\$172,500

**ESTIMATE OF PROBABLE CONSTRUCTION COST
OUTDOOR SKATE BOARD PARK 2**

Item	Unit	Unit Price	Quan.	Costs	Constr Value	Constr Value & C/M	Design/ Engr Survey/Test	Total Proj Value
Outdoor skate board park				\$125,000				
TOTALS:				\$125,000				
MOBILIZATION: 5%				\$6,250				
CONSTRUCTION CONTINGENCIES: 15%				\$18,750				
BASE IMPROVEMENT SUBTOTALS:				\$150,000				
ARCHITECTURAL DESIGN FEES 15%				\$22,500				
BASE IMPROVEMENT TOTALS:				\$172,500	\$125,000	\$150,000	\$22,500	\$172,500

APPENDIX C – NEW PARK/BUILDING IMPROVEMENT COSTS
