

ITEM 1 - APPLICATION SUMMARY – 2017 APPLICATION**Applicant Information**Name of applicant: **City of Duluth**Name and title of contact: **Andrew Slade**Address: **411 West 1st Street, Ground Floor**City: **Duluth** State: **Minnesota** Zip: **55802**Phone: **218-730-4309** Email: **aslade@duluthmn.gov****Park Information**Park Name: **West Duluth Sports Corridor (Wheeler Athletic Complex & Wade Athletic Fields)**County: **Saint Louis**Existing Park Acres: **Wheeler Athletic Complex ~35 acres, Wade Athletic Fields ~23 acres****Project Information**Acres to be purchased (if applicable): **0 acres**

Provide a list of the project development and/or redevelopment activities for this project. (50 words maximum):

New facilities:

Facility upgrades

2 Basketball Courts	6 Bocce Ball Courts
2 Sand Volleyball Courts	2 Little League Fields
2 Tennis/Pickle Ball Courts	Wade Right Field Parking Lot
Trail Connection to Little League Fields	Wheeler Pin Wheel
	Bury Overhead Power Lines

Financial Information

The Applicant must provide a non-state match of at least 50% of the total cost. This match may consist of cash or the value of materials, labor and equipment usage by the local sponsor or donations or any combination of these. Applicants that provide at least 20% of the match from their own resources will receive additional consideration in the review criteria. The total cost shown below must equal the total costs shown in Item 3 – Cost Breakdown.

Grant Request: **\$150,000.00**Match Amount: **\$150,000.00**Total Project Cost: **\$300,000.00****Match Description:** Provide source and type of match. Committed or pending.

Duluth ½ and ½ tourism tax: \$137,800 cash committed.

Special League Fund: \$12,200 cash committed.

ITEM 2 - PROJECT RELATION TO SCORP

Discuss any of the following topics from the Statewide Comprehensive Outdoor Recreation Plan (SCORP) that apply to your project. *The SCORP is available at this [link](#).*

Does the project connect people to the outdoors?

1. Does the proposed project contribute towards creating a welcoming environment? Are there accessible features included as part of this project or currently in the park, such as seating, restrooms and drinking water?

The West Duluth Sports Corridor (Corridor) includes Wade Stadium and Wheeler Athletic Complex. The Corridor Master Plan requires maintenance of existing amenities as well as upgrades to others such as restrooms, playgrounds, picnic areas, drinking water, and parking, as well as connectivity among facilities and the surrounding neighborhoods. Upgraded and new facilities greatly enhance a welcoming environment. Upgrades to the sports courts will improve the surfaces as well as create easier access. Upgrades to the softball field pin wheel will improve walkway surfaces, seating for spectators and players, fix degraded fence sections, and replace failing scoreboards. Improvements to the right field parking lot and installation of a hard surface path to connect multiple parking lots with the little league fields will create accessible connections. All of these projects will improve the aesthetics of the West Duluth Sports Corridor, in return creating a brighter and more accessible facility for the many user groups that partner with the city and utilize the facility for club meetings and activities.

2. Does the proposed project create or improve access to outdoor recreation lands and facilities by providing alternative transportation and improving access for people of all abilities? Describe the forms of transportation available to access the park facility (e.g. trails, roads, public transportation, any transportation provided to the park for special events or programs, etc.

The Corridor is in the heart of West Duluth, just north of Interstate 35 between the 40th Avenue and 27th Avenue exits along Grand Avenue, a major transportation route in the community. The facility is just blocks from the Heritage Sports Center to the east and western Duluth shops and restaurants are just blocks to the west. The Master Plan calls for improved alternative transportation choices via connection to the Cross City Multi-use Trail as well as pedestrian trails and sidewalks from the surrounding neighborhoods.

The Corridor is on three mainline bus routes that connect to far west Duluth, Proctor, and downtown Duluth, with connections to Hermantown, eastern Duluth and Superior, Wisconsin. Upgrades to the right field parking lot will improve accessibility to trail connection routes that will in turn improve trail connections and access points within the pinwheel and from the parking lot to multiple recreation opportunities.

3. Does the proposed project result in quality experiences and facilities such as interpretive signs to enhance visitor' experience, redeveloping overused facilities, etc.

The upgrades (pinwheel, tennis, bocce, little league field, and parking lot) redevelop overused and obsolete facilities. The pinwheel is heavily used six months out of the year but has seen few upgrades since 1980's. The scoreboards have out lived their life, pathways are deteriorated, and major fence repairs are needed.

The tennis courts are highly utilized by the public for both tennis and pickle ball. The courts current condition is poor with large cracks within the asphalt along with a drainage system that has collapsed causing water to remain on the courts for multiple hours or days. Improvements will involve a new design for water drainage and new asphalt.

Bocce ball is a high use recreation activity for the Corridor. The bocce ball courts have seen little improvements since their installation 30 years ago. Improvements include a sustainable perimeter and improved hard surface paths between and to the courts.

The Little League fields will have turfed infields, and improved outfields. Improvements to the right field parking lot are greatly needed. The condition of the right field parking lot, one of the most utilized, is poor with an unstable surface. The lot is used by little league participants as well as visitors: the parking lot is utilized to its full capacity five to six nights weekly.

The new facilities (basketball, sand volleyball, and the little league trail connection) provide expanded recreation opportunities and access. Both the Basketball and sand volleyball courts are new recreation opportunities in this neighborhood. Adding these opportunities creates a single area with the most diverse recreation opportunities and facilities available for the nearby neighborhoods and the entire City of Duluth.

The trail to connect the Little League fields to the parking lots will connect the Corridor to the Cross City and Western Waterfront Trails.

Does the project acquire land and/or create opportunities?

1. Does the proposed project acquire critical lands in jeopardy of being lost to development, or land use changes; or is this an exceptional one-time opportunity to acquire high quality natural resources? **Not applicable.**
2. Does the proposed project acquire land that protects shoreland, rivers, lakes, wetlands and critical watersheds? **Not applicable.**
3. Does the project meet the differing outdoor recreation needs of people of all abilities such as a quality natural setting, universal design, family friendly facilities, more separation of uses, privacy between camp sites, etc.

Yes. Duluth implements all upgrades with an eye to ADA accessibility standards as much as possible. Facilities are family friendly and the upgrades separate the different activities while also clustering them in a common area easily accessible. The Corridor is located just blocks from the St. Louis River and is bounded by Merritt Creek with a natural surface hiking trail. The

creek's riparian zones provide natural screening from the neighborhoods and parking improvements will control storm water

4. Does the project create an environment that is open and flexible to accommodate new and emerging nature based trends or develop group based recreational opportunities such as group campsites, picnic areas or gathering spaces, large open play areas or emerging nature based activities, etc.

The Corridor provides multiple picnic tables and permanent grills placed throughout the park. The new or upgraded group recreational activities that include bocce, pickle ball, sand volleyball, and tennis will provide new, open access recreation opportunities. Pickle ball is an emerging activity for which the public has requested a facility. The area hosts a number of tournaments and league play at the softball and baseball fields.

5. Does the project establish a sustainable and resilient infrastructure to provide high quality recreational opportunities such as a) sustainable and resilient infrastructure, b) energy efficient, easy to maintain and recycled/recyclable materials and/or c) conservation of water use and the design of facilities to effectively manage storm water on site.

A) Sustainable and resilient infrastructure:

Pathways will be concrete or brick to reduce soil compactions and improve the aesthetics. The basketball and tennis courts will be surfaced with asphalt or concrete. The sand volleyball courts will be installed with proper drainage as well as metal equipment. Metal equipment will allow for reduced maintenance costs, create a safe playing area, and ensure the longevity of the sand volleyball facility. The bocce ball court perimeters will be reconstructed with treated wood or concrete. All materials are selected for longevity and reduced maintenance costs.

B) Energy efficient, easy to maintain and recycled/recyclable materials:

The City of Duluth is in the process of converting all lighting systems throughout the city to LED lighting. The lighting of the right field parking lot will consist of energy efficient or LED lighting. LED lights are longer lasting, reduce maintenance costs, and reduce electricity costs.

C) Conservation of water use and the design of facilities to effectively manage storm water:

The parking lot will be constructed from class 5 gravel instead of asphalt to decrease direct water runoff. The water will naturally drain and filter into the ground or into holding areas instead of running directly into Merritt Creek, a designated trout stream. Upgraded storm water management practices will be implemented on site with other funds

Does the project take care of what we have?

1. Does the project result in redevelopment, renovation or rehabilitation of current infrastructure such as restoring worn out, degraded facilities and improvements to meet current codes and standards?

Yes, the core framework remains intact with upgrades to many of the existing facilities and the addition of new features. Enhanced connectivity throughout the Corridor is created with trails and provides clear access to smaller, satellite parking lots surrounding Wade Stadium. The layout of the softball fields remain with upgraded auxiliary equipment for the pinwheel, concession building, scoreboard, and surrounding paving. Two tennis courts will be upgraded and striped for pickle ball. Two former tennis courts will be reused to add two full basketball courts. The bocce courts will be upgraded as will the connecting trail.

2. Does the project result in maintaining the quality of natural resources through preservation, restoration or reconstruction?

Yes, Duluth is paying special attention to improving storm water control in parking areas, especially those adjoining Merritt Creek, a designated trout stream that runs along the Corridor on its way to the St. Louis River and Lake Superior. The asphalt surface of the Right Field parking lot is at the end of its life and continues to degrade from years of only spot patching. Duluth, as a major landowner along the St. Louis River, is working with state and regional natural resource agencies to improve the St. Louis River as part of the national effort to delist the river and its estuary as an Area of Concern.

ITEM 3 - COST BREAKDOWN

Development (see Program Manual for eligibility) Contingency costs are not eligible. Design/Engineering costs in excess of 10% of the total project construction cost are not eligible. Enter information in the table(s) below.

Facility (e.g. picnic area, campground)	Description (linear feet, dimensions, material used, number of components, etc.)	Estimated Cost	Expected Completion Date
Basketball Courts	2 courts 50'x84' each. Asphalt, fencing, paint, 4 basketball hoops, 10% design.	\$44,000	Summer 2018
Tennis/Pickle Ball	2 Courts 36'x78' each. Asphalt, fencing, paint, and 2 tennis nets 10% design.	\$33,000	Summer 2018
Sand Volleyball Courts	2 Courts. Sand and beach volleyball post/nets, 10% design.	\$11,000	Summer 2018
Bocce Ball Courts	Paver bricks, treated lumber and or concrete.	\$8,000	Fall 2018
Wheeler Pin Wheel	4 fields. Fencing, scoreboards, aglime, concrete/asphalt, 10% design.	\$55,000	Fall 2018
Wade Right Field Parking Lot	Fabric 10 roles and class 5 gravel ~3050 tons 10% design.	\$55,000	Fall 2018
Wade Little League Fields	Aglime, top soil, grass seed, sod, fencing, and roofing materials.	\$30,000	Fall 2017 or Spring 2018
Trail Connection	Concrete or asphalt, 10% design.	\$39,600	Fall 2018

City of Duluth	Outdoor Recreation Program	Sports Corridor	
Burying of Overhead Power Line	Electrical wire.	\$24,400	Spring 2018
Total		\$300,000	

ITEM 4 - PROJECT SITE EVALUATION

Description of the Environment and the Environmental Impact of the Proposed Project

- A. Present Land Use:** Describe the present land use of the proposed project site. Is the property to be acquired a high priority inholding or addition crucial to the use of, ecological integrity of, or access to an existing natural or scenic area? Address any other impacts the proposed project may have on the present land use of the project site or adjacent lands.

The Corridor facilities have been located at their current location since 1941 (Wade Stadium) and 1876 (Wheeler Fields). Wheeler Fields became a Duluth public park in 1926 and the area around Wade Stadium (formally Athletic Park) has been a part of the City of Duluth since 1903. Facility upgrades will not change the footprint of these areas. All natural areas surrounding the Corridor will not be disturbed.

- B. Environmental Intrusions:** Describe all man-made developments on, above, below or adjacent to the proposed project site, including buildings, utility poles and lines, roads, driveways, pipelines, sewer and water lines, fences, ditches, bridges, billboards, railroad tracks, and related structures or facilities. Explain how these intrusions, if any, might affect the use, protection, and enjoyment of the proposed project site and what measures will be taken to minimize any adverse impacts. All existing and future overhead power lines serving the park must be placed underground. The cost of placing the power lines underground can be included in this application.

Most built intrusions within and around the Corridor are part of the facility or service the facility and will not affect the site. All overhead power lines but one are main lines that do not service the park. The one overhead power line that provides power to the Corridor will be buried. Other Corridor intrusions include:

The Wheeler Athletic Complex has five ball fields, four in a pinwheel configuration with 60'-70' base paths and 300' fences and 200' temporary fences primarily for softball, and one with 90' base paths and 290' dimension for outfield fencing for youth baseball.

On the lower terrace of the park near Grand Avenue, the park includes a 5,000 +/- sq. ft. concrete skate park, four tennis courts and six bocce ball courts that need upgrades. A small, single container playground with relatively new play equipment is adjacent to the softball fields and maintenance road.

The Wheeler Fieldhouse is a WPA structure with meeting rooms, restrooms, offices, a small kitchen and a grounds keeper apartment above. Asphalt parking is located near the fieldhouse and around the softball pinwheel to the west. There are two maintenance garages located between the Fieldhouse and the pinwheel.

Surrounding Wade Stadium are two softball fields with 60' bases and 285' fences, and two youth ball fields with 60' bases and 200' outfields. The main parking lot is paved, but accessory

lots along Superior Street, Michigan Street, and beyond the right field wall of the main stadium are dirt/gravel.

Nearby intrusions include: A billboard located on the back edge of the Michigan Street parking lot faces Interstate 35 and railroad tracks. Elevated and grounded railroad tracks surround the Corridor on two sides and can be seen from all areas of the park. These tracks are still in use but do not impact facility use and may add a unique and historical experience to visitors and users.

- C. Fish and Wildlife: Indicate whether the proposed project site is on or adjacent to, a national, state or local wildlife management area, park or natural area. Describe the known fish and wildlife species common to the project site and any known species that are listed as endangered, threatened or of special concern. Describe the likely impacts of the proposed project on habitat, population levels, and any other factors related to the fish and wildlife resources.

The Corridor is located about 1/2 mile inland from the St. Louis River estuary and adjacent to Merritt Creek, a designated trout stream. Improvements to the Right Field Parking lot adjacent to Merritt Creek will include reconstruction of the lot with more stable material, while improving the storm water system. These improvements will improve rather than impair water quality in the creek and estuary by slowing and reducing the amount of sedimentary runoff from the parking lot.

- D. Vegetation: Describe the major plant species and communities common to the project site and any known species that are listed as endangered, threatened or of special concern. Describe the distribution of major plant communities or types on the site. Indicate the extent of cutting, clearing, removal or other disturbance that will result from the proposed project, as well as any restoration and/or protection activities planned as part of the project.

Vegetation that surrounds areas of the park and along Merritt Creek includes; Bigtooth Aspen (*Populus grandidentata*), Trembling Aspen (*Populus tremuloides*), and Paper Birch (*Betula papyrifera*). There are smaller amounts of Northern Red Oak (*Quercus rubra*), White Oak, (*Quercus alba*), Sugar Maple (*Acer saccharum*), Silver Maple (*Acer saccharinum*), Scotch Pine, (*Pinus sylvestris*), and White Spruce (*Picea glauca*). The riparian zones along Merritt Creek include White Willow (*Salix alba*), Pussy Willow (*Salix discolor*), other Willow species, and shrubs.

There are no endangered or threatened species of plants located within or along the park boundary. There will be minimal cutting, clearing, and removal of the vegetation located around or within the park's boundary. All of the projects proposed within this grant are within the existing footprint or are in open grassy areas.

- E. Water Resources: Describe any existing wetland areas on or adjacent to the proposed project site. Indicate any likely physical disturbances of these wetlands, including (but not limited to) draining and filling that would result from the proposed project. Describe any other potential impacts to wetlands, such as water level fluctuations or water pollution that may result from the proposed project. Discuss possible alternatives that would avoid or minimize negative wetland impacts. Also describe any other water resources on or adjacent to the site, proposed uses of surface or groundwater, and any possible impacts on these

resources, including depletion or pollution, resulting from the proposed project. Explain how the proposed project would help to protect water quality on or adjacent to the site.

The Corridor is a 1/2 mile inland from the St. Louis River estuary and adjacent to Merritt Creek. Storm water improvements and resurfacing of the Right Field Parking lot will improve rather than impair water quality in the creek and estuary through reduction in sediment and chemical runoff. There will be no impact to wetland around or inside the park boundary. All projects fit within their current footprint within the park's boundary. Construction near Merritt will follow all proper procedures to maintain water quality for Merritt, a designated trout stream.

- F. Geologic and Physiographic Features: Describe any interesting, unique or fragile geologic and/or physiographic features on the proposed project site and any likely impacts on these features that would result from the proposed project. Also describe any proposed protection activities or measures to provide public education, interpretation and enjoyment of these resources.

Not applicable

- G. Air Quality/Noise: Describe any temporary or permanent air or noise pollution that will result from the development and use of the site and the impacts on adjacent land uses or land owners.

Adjoining property is primarily non-residential. Adjoining the property is the active Canadian Northern railroad which has many daily trips with significant noise. Temporary impacts: noise and exhaust from construction equipment during construction of the parking lot, tennis/pickle ball courts, and basketball courts may occur. Adjacent property owners are notified by mail of the construction prior to the start date and construction will be sensitive to resident/business needs and hours of work limited.

ITEM 5 – COMMUNITY INVOLVEMENT

Address the following questions regarding community involvement, planning process and how this project will increase outdoor recreation participation.

1. What efforts were made to get input from members of the community that will be affected by this project? For example, public meeting(s), notification of adjoining property owners, etc.

The Corridor redevelopment is part of an overall redevelopment effort of the St. Louis River Corridor and west Duluth. The St. Louis River Corridor Summit in 2009 brought over 70 stakeholders together to develop a comprehensive vision for the Corridor. Many of the ideas generated then are now being fully developed and implemented.

Duluth utilizes professional planning to guide parks and recreation development. Plans include city-wide and local area mini plans that rely on rigorous public input and include the Duluth Comprehensive Plan, Duluth Trail and Bikeway Master Plan, and Duluth Parks Master Plan.

Duluth works with the general public as well as user groups and neighborhood and business organizations. User groups are key partners that provide sustainability through critical financial support and maintenance for many of Duluth's recreational resources

2. What community planning process was used to show a need for this project and to define its scope?

Master Plan development: An Advisory Committee consisting of key user groups in the park convened three times throughout the process to help guide planning effort. Two public meetings were held as well as on-line review and comment on the needs assessment questionnaire, and review of the preliminary concepts. Additionally, there were five meetings with City of Duluth Parks and Recreation and with other city staff as well as monthly updates to the Parks and Recreation Commission. The process began with a needs assessment that informed three alternative concepts, which ultimately lead to the preferred plan and subsequent phasing strategy. The Master Plan is available on-line.

3. How do you expect this project to increase outdoor recreation participation?

These projects expand the variety of recreational opportunities as well as improve degraded facilities that have seen declining use because of their condition.

These new recreation opportunities expand youth and adult sports programming for non-traditional sports:

- The nearest high quality outdoor basketball court is located a half mile east and has minimal parking available. New basketball courts provide convenient access to high quality outdoor courts for the adjacent neighborhoods as well as adequate parking.
- Replacing two of the tennis courts with pickle ball will increase the number of venues available to the growing pickle ball community.
- The two sand volleyball courts will provide a new recreation opportunity and will be the only sand courts located in western Duluth.

Upgrades:

- The two upgraded tennis courts are expected to have increased utilization.
- Pinwheel upgrades will promote the softball fields to premier status in northern Minnesota, likely increase the number of teams within Duluth's organized league, and increase the opportunity to host youth and adult tournaments between teams from throughout the state.
- Little League upgrades will increase participation within the little organization and provide better accessibility for spectators and players.
- Bocce ball courts will restore the courts to pristine condition and provide better accessibility. Parks and Recreation will provide rental equipment, free of charge, to reduce barriers.

ITEM 6 – AVAILABILITY FOR PUBLIC USE

All facilities within the park must be designed and available for general public use and open during typical park hours. This includes restrooms, picnic shelters, campgrounds, playgrounds and other structures. For parks that include marina or campground facilities, a minimum of 50% of the berths/campground spaces must be available for short-term rental and an equitable method of allocating long-term rentals shall be used. No fixed improvements such as decks, porches, or signs are allowed.

State the specific hours of operation and any current or anticipated programmed use for the facilities proposed to be funded with this application. Saying the park will be open during normal park hours is not specific. Also describe any arrangements with schools, local organizations, clubs or city programs for the use of the facilities. Explain how this may impact facility availability to the general public.

- West Duluth Sports Corridor is open to the public between 6am-10pm.
- Adult softball league uses the pin wheel three nights a week from 5pm-10pm.
- Arrowhead Fastpitch Softball uses Wade fields 6 & 7 four nights a week 5pm-10pm.
- Duluth Area Youth Softball Association and Duluth Girls Fastpitch Softball use the pinwheel on Wednesdays from 5pm-10pm.
- Western Little League uses two little league designated fields at Wade four nights/week.
- Bocce Ball is played three nights a week from 5pm-8pm.
- Youth Soccer (ages 6-9) occurs on the outfield of Wade's softball field during August and September in the evenings two nights a week.
- Park and Recreation youth flag football (grades 2nd-5th) utilizes the pin wheel two nights during September and October from 5pm-8pm.

The City partners with Western Little League to maintain the two fields that are specifically designated for their use. The Bocce Ball courts are used and partially maintained by a local bocce ball club. Fields are used by organized sports from 5pm-10pm and open for public use from 6 am to 5 pm weekdays and during most weekends. The basketball, tennis/pickle ball courts, and sand volleyball courts are not used by organized sports or programs during the evening hours. The majority of the facilities in the Corridor have three or four days during the week where the facilities are not reserved by organizations and are open to the public.

Describe what fees, if any, will be charged for use of the park facilities and/or access to the park?

The City has pricing agreements with athletic organizations. Fees for organized sports that reserve specific times for athletic facility are:

- \$15.00 per two hours (Practice rate field dragged no lines, max fee per day \$15.00),
- \$25.00 per game for youth activities (max fee per day \$25.00),
- \$60.00 per field per day for adult activities (max fee per day \$60.00),
- \$60.00 per field per hour for light use,
- \$180.00 4 field tournament (all day rental),
- \$240.00 6 field tournament (all day rental),
- \$7.00 per hour per court for hard surface courts (max fee per day \$21.00 per court),

- \$21.00 per day for hard surface courts,
- \$10.00 per two hours single bocce ball court,
- \$15.00 all day rental of single bocce ball court, and
- \$50.00 all day rental of 6 bocce ball courts.

All rates are subject to 8.375% sales taxes, except for tax exempt organizations. Fees are enforced only if an organization or individual wants exclusive access to a specific facility during a specific time period and/or date. Local organizations that provide maintenance to specific facilities are not subject to fees for their use of those facilities.

ITEM 7 - STATEMENT OF ACCESSIBILITY

Recipients must comply with the Americans with Disability Act (ADA) and the guidelines listed below. For each facility listed in the Item 3 - Cost Breakdown section, describe the specifications and access routes that will make it accessible. In addition, all critical components of the park must be made accessible even if they are not part of this application proposal. Critical components include parking, restroom, drinking fountains and accessible routes to all facilities. This program requires all facility access routes to be a minimum of 5 feet wide.

Tennis/Pickle ball courts: The tennis/pickle ball courts will provide at least one accessible route to connect both sides of the court (206.2.12). The entrance to the courts will provide a door opening at minimum of 32 inches (404.2.3). The courts surface will be stable, firm and slip resistant (during dry conditions) (302.1).

Basketball courts: The basketball courts will provide at least one accessible route to connect both sides of the court (206.2.12). The entrance to the courts will provide a door opening at minimum of 32 inches (404.2.3). The courts surface will be stable, firm and slip resistant (during dry conditions) (302.1).

Right field parking lot renovation: The reconstruction of the right field parking lot will comply with section 208.2 and provide the appropriate number of accessible spaces in relation to total number of parking spaces in the parking lot. The access route that would connect the right field parking lot to the little league fields and the Michigan St. lot will comply with: 1016. 2 Surface.

The surface of outdoor recreation access routes, passing spaces, and resting intervals shall be firm and stable, 1016.3 Clear Width. The clear width of outdoor recreation access routes shall be 36 inches (915 mm) minimum, 1016.5 Obstacles.

Obstacles on outdoor recreation access routes, passing spaces, and resting intervals shall not exceed 1/2 inch (13 mm) in height measured vertically to the highest point, 1016.6 Openings.

Openings in the surface of outdoor recreation access routes shall not allow the passage of a sphere more than 1/2 inch (13 mm) in diameter, 1016.7.1 Maximum Running Slope and Segment Length.

The running slope of any segment of an outdoor recreation access route shall not be steeper than 1:10 (10%). Where the running slope of a segment of an outdoor recreation access route is steeper than 1:20 (5%), the maximum length of the segment shall be in accordance with Table 1016.7.1, and a resting interval complying with 1016.8 shall be provided at the top and bottom of each segment, 1016.7.2 Cross Slope. The cross slope shall not be steeper than 1:48, and all other necessary standards

ITEM 8 - PROJECTED OPERATION AND MAINTENANCE COSTS

Estimate the projected operations and maintenance costs for each facility to be developed or improved by this grant. Include routine costs (such as labor, materials, utility costs and equipment costs), and planned major repairs or preventive maintenance (such as seal coating or replacement of plumbing, lighting, aglime, turf, etc.).

Park Element	Capital Cost	Typical Annual O&M Cost/Replacement Contribution*	Estimated life (Years)
Tennis Courts/ Pickle Ball	\$30,000	\$10,000/Court	25
Basketball Courts	\$40,000	\$2,500/Court	25
Bocce Ball Courts	\$8,000	\$130/Court	15-20
Sand Volleyball Courts	\$10,000	\$400/Court	20
Pin Wheel Upgrades	\$55,000	\$500/Field	15-20
Little League Trail	\$36,000	\$1,460/Trail	30
Right Field Parking Lot	\$55,000	\$5-\$7 per stall	3-5
Upgrades to Little League Fields	\$30,000	\$3,500/Field	7-10
Right Field Parking Lot Lighting	\$18,000	\$1,800 per year	10-20
Power lines burry			

*Numbers reflect annual maintenance costs combined with yearly replacement contributions.

ATTACHMENT A - APPLICANT'S RESOLUTION***ATTACHMENT B - LOCATION MAP******ATTACHMENT C - RECREATIONAL SITE PLAN******ATTACHMENT D – PLANS***

Please submit all applicable plan(s) according to the directions provided.

Trail Plans

Trail plans are required for projects that include the development of any type of trail and should include the following:

1. A typical cross section of the trail.
2. The trail width, surfacing and base materials

For the purposes of this grant program a multipurpose trail should be designed to a minimum 8' width. In some cases this minimum width may not be adequate and a width of 10' or more may be appropriate. All access routes connecting park facilities and parking lots must be a minimum of 5 feet wide.