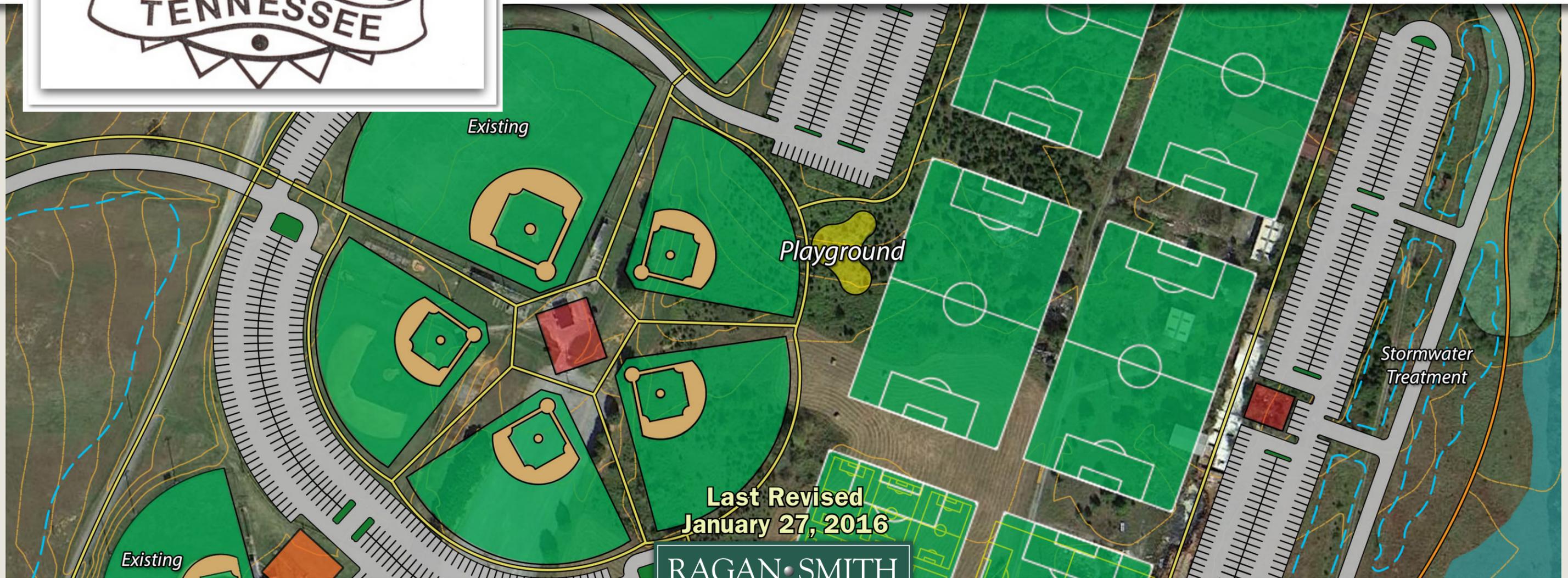


H. V. GRIFFIN PARK MASTER PLAN



SHELBYVILLE

T E N N E S S E E



Last Revised
January 27, 2016

RAGAN SMITH

ACKNOWLEDGMENTS



In developing the H. V. Griffin Park Master Plan, Ragan-Smith worked closely with the City of Shelbyville Administration, Shelbyville Parks & Recreation, Shelbyville Power System and Community Stakeholders. This plan could not have been possible without the time and efforts made by the following individuals and organizations.

Mayor - Wallace Cartwright
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Council Member - Sam Meek
Council Member - Kay Rose
Council Member - William Christie
Council Member - Jean Pruitt
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Parks & Recreation Director - Mike Alsup
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Athletic Coordinator - Frank Campbell
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Master Plan Vision & Goals

The City of Shelbyville has recognized the value that a well planned public park can contribute to a community and the surrounding region by improving the quality of life for its residents and providing multiple options for healthy recreation activities while also stimulating economic growth and development.

Based on our project reconnaissance, conversations with city staff members and feedback from project stakeholders, the following goals were established for the H. V. Griffin Park Master Plan:

Active Recreation:

- Provide additional opportunities for active recreational facilities specifically baseball, softball, and multi-use rectangular fields that can accommodate soccer, football and additional uses such as ultimate frisbee and lacrosse.
- Develop these active use facilities to draw regional athletic tournaments to Shelbyville.
- Provide for possible expansion of the existing tennis complex.
- Possible redesign of the disc golf course to provide championship level play and draw regional tournaments.
- Possible expansion and/or relocation of the existing skatepark.
- Allow for open play areas that serve as utility fields and unprogrammed play.

Passive Recreation:

- Implementation of a new dog park facility.
- Development of a trail network system in the park that accommodates walking and biking opportunities with clearly marked trails of variable lengths and experiences.
- Preservation of natural areas in the park including woodlands and areas along existing natural waterways.
- Enhancements and expansion of picnic / shelter areas.

Maximize use of existing facilities and phase future development:

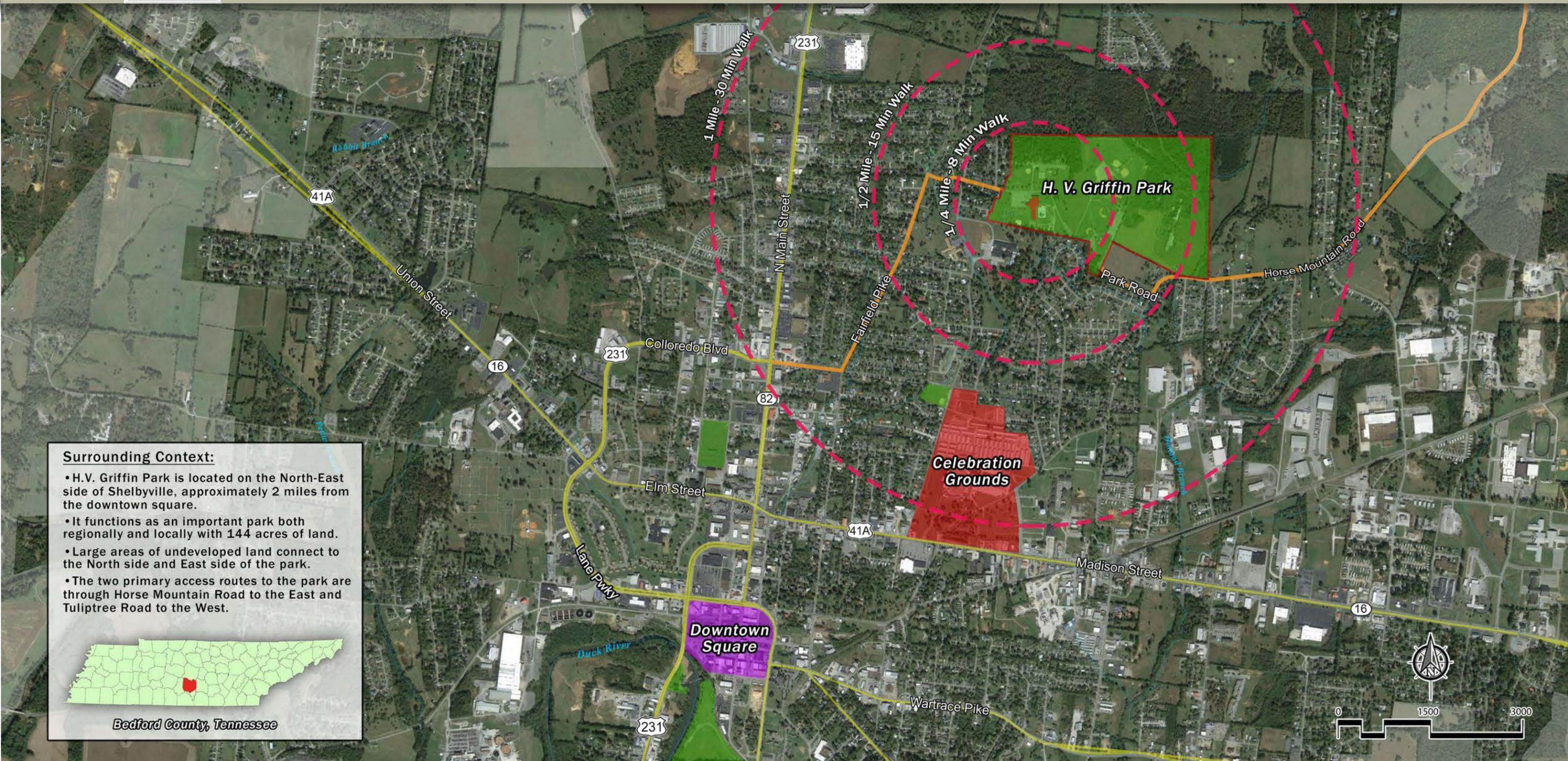
- Utilize existing ballfields and sports lighting as much as possible in the plans for park expansion.
- Explore opportunities to use existing structures and roads in the plans for park expansion.
- Create phasing options to accommodate park growth in stages.

New Building Facilities:

- Possible addition to aquatics center (splash pad & improved deck).
- Possible covered tennis courts.
- Upscaled concessions and restrooms for athletic fields.
- New maintenance building and relocation of maintenance yard.
- Clearly marked wayfinding and identification signage and improved circulation and parking accommodations.



Surrounding Context



Surrounding Context:

- H.V. Griffin Park is located on the North-East side of Shelbyville, approximately 2 miles from the downtown square.
- It functions as an important park both regionally and locally with 144 acres of land.
- Large areas of undeveloped land connect to the North side and East side of the park.
- The two primary access routes to the park are through Horse Mountain Road to the East and Tuliptree Road to the West.



Bedford County, Tennessee



Project Limits





Master Plan Process

The Master Plan process has included several steps to ensure a complete evaluation of opportunities and constraints existing within the H.V. Griffin Park complex and to capture input from the project team, city staff members and the surrounding community. A general outline of the process as conducted for the master plan included the following steps:

1. A survey of existing conditions and several site reconnaissance and research visits.
2. A project kick off meeting with the team to establish the planning process and general goals.
3. A public workshop and stakeholders review meeting to review concepts and generate feedback.
4. Presentation of the Preliminary Master Plan and a workshop with project stakeholders to review the master plan findings.
5. Revisions based on review and public feedback during the input and workshop meetings.
6. Final preparation and public presentation of the Final Plan Documents.

The completed Master Plan will be utilized to pursue the funding, design and construction of the first phase of the H. V. Griffin Park expansion.

Initial Athletic Field Conceptual Diagrams

To explore possible combinations of existing and proposed fields.





Public Input Meetings

During the Master Plan process input and feedback was collected during stakeholder / committee meetings and a public open house presentation. The project goals, design concepts and project opportunities and constraints were reviewed and evaluated. The following is a summary of documented input for the H.V. Griffin Park expansion from input meetings. These suggestions helped to shape the development of the master plan documents and future vision for the park.

Summary of input and public feedback:

The overall concept of expanding H. V. Griffin Park has been very well received.

General feedback from these meetings include:

- New athletic fields and the opportunity for tournament play is a high priority including well lit fields and quality concession / restroom buildings.
- Creating a strong connection between park elements and providing opportunities for walking and biking are important.
- Addition of places that provide comfortable gathering opportunities, including sheltered gathering opportunities for shade.
- Addition of a dog park is a high priority.
- An expanded and improved aquatics center.
 - A splash pad
 - A separate outdoor entrance to the outdoor pool area
 - Larger water-slides
 - Shaded pool deck area
- Limiting the existing through access of Park Road to Horse Mountain Road with safer street design would be a possible change
- Provide ample opportunities to enjoy the parks natural areas.
- The maintenance area should be relocated to a less visible location.

During the Master Plan Open House, the public and project stakeholders were asked to prioritize park elements that they believed to be the most important with priority stickers.

The results of the priority stickers are as follows:

Priority Stickers:	1st Priority:	2nd Priority:	3rd Priority:
Dog Park	5		
Baseball Complex	5	1	
Soccer Complex	6	4	3
Aquatic Center	2		2
Miniature Golf	2		
Expanded Disc Golf & Trails	2	2	2
Softball Complex	1	1	1
Splash Pad	1		
Relocated Maintenance		2	
Expanded Indoor Tennis			2

Additional Park Features Mentioned:

- Bike trails / natural surface trails
- Shaded pad in pool area for swim meets
- Outdoor amphitheater
- Nature Center with outdoor classrooms
- Pickle Ball
- Low ropes course
- 9 hole golf course
- Lazy River around pool
- Golf driving range
- Diving boards
- Equestrian trails
- Multi-use indoor complex





Public Input Meetings

The following are comments received from community members at the Public Input Meeting held on October 27, 2015.

- *“Expanded Aquatic Center = Outdoor pool needs building with restrooms, storage, and ‘cashier area.’ The area needs to be separated from the Rec Center. SPLASH PAD added!; Outdoor Fitness Equipment area; I like the soccer and baseball fields proposed; Leave existing ‘soccer’ field for utility as well; Multi-use Building.”*
- *“I would like to see more Frisbee golf courses added to the park. Also a hiking trail. Adding baseball, softball and soccer field will be great for our youth. Putting shade against the outside wall of the pool would be great for swim teams. Putting in a mini-golf course will open activity for all ages.”*
- *“Dog Park and extended walking trail. Good preliminary layout.”*
- *“Great concept – I’d like to see it as it was presented.”*
- *“Dog Park – Minimum requirements – 2 fenced areas, one big dogs/one small dogs; Water spigot (frost free); Poop bag station.”*
- *“More baseball, soccer, softball fields.”*
- *“Shade structures within baseball and soccer areas; Indoor baseball and soccer for winter months.”*
- *“Expand walking trail around park.”*
- *“Baseball complex while keeping the existing fields. Love the proposal presented tonight. Would like to see outdoor pool with own entrance and restrooms. Make it its own entity. Need people to use indoor or outdoor.”*
- *“More walking and biking trails; Reconfigured disc golf course; Income producing sports fields/courts, etc.; Handicap playground equipment; More parking with shade trees!; Dog park.”*
- *“Dog Park!!!”*
- *“Keep the soccer fields as proposed with lights too; Wireless internet access across property; Security cameras in key areas of complex; Like the cul-de-sac vs. the through street.”*
- *“Soccer fields – 6 field complex; 5 field baseball complex; Additional softball field; Indoor multi-use facility – basketball gym, volleyball, indoor soccer, tennis, hitting/pitching facility; Splash pad in another park; Fishing pond/irrigation pond.”*
- *“Full sized soccer fields – lighted with parking; Play grounds close to fields; New biking/walking trail.”*
- *“Putt-putt golf; Splash pad; Amphitheater for concerts/movies; Softball complex like in Columbia; Indoor soccer complex.”*
- *“Splash park – outside bathrooms near pool, concessions for outdoor pool; Concrete pad outside of pool (on side of current tennis courts); Shade over concrete pad to enhance pool area for swim meets; Lazy river; Expand walking trail to include bike riding; Soccer fields/complex to host tournaments; Bring back the putt-putt golf.”*
- *“Putt-putt golf; Splash pad; Amphitheater for concerts/movies; Softball complex like in Columbia; Indoor soccer complex.”*
- *“I love the idea of adding the additional baseball fields and making it more like a complex. Love the idea of adding the large soccer facility and the revenue opportunities it could potentially bring.”*
- *“Low ropes course; Camping area; Natural area with trails/Nature Center; **Multipurpose building for events/indoor sports. Use existing concrete from batting cage and make an amphitheater (leave some green space for amphitheater by shortening dog park).”*
- *“Longer outdoor walking trail; Safe bike riding area/path.”*
- *“Softball complex that would be able to host sanctioned tournaments – 4-5 fields required (Example – played in tournament in Atlanta with 2 different complexes used 120 teams in one age division); Putt-putt; Splash pad; Indoor hitting/pitching facility.”*
- *“A horse trail with a grassy area to park horse trailers which the horses could be tied to (if no hitching poles). I am from Michigan where there are many more places to ride than here at state parks. Horses are compatible with hikers. Hikers and horses were allowed on the trails. Horses are not compatible with motorized vehicles like 4 wheelers or motor cycles.”*
- *“I would like to see a splash pad added to the new property to provide more family friendly activities. *Moving the shop and maintenance vehicles to a more practical location (softball fields, new property) could give Aquatics opportunity room to expand. The outdoor pool is in desperate need of new and improved feature. Adding more deck space would also grow attendance and programming. Creating a separate entrance for indoor/outdoor pool would be nice.; A small concreted area with proper shading would make hosting needs easier for swimmers, parents, guests, and aquatics staff. Soccer has the potential to generate a ton of participations and revenue for this town. I’d like to see enough fields to produce tournaments.”*
- *“Shaded concreted area on west wall of indoor pool facing tennis courts.”*



Existing Park Elements

Park Overview:

The existing H. V. Griffin Park is an 84 acre park with existing athletic facilities, passive open spaces and naturally wooded area. The park contains several existing outdoor recreation opportunities such as ball fields, walking trails, a disc golf course, picnic pavilions, skate park, and much more. In addition to the outdoor recreation opportunities, H.V. Griffin Park contains a 58,000 square foot Recreation Center with a gymnasium, outdoor pool, indoor pool, fitness room, walking track, and a racquetball court. The current park offers the local community good opportunities to socialize, exercise, play organized baseball and softball and entertain. The additional 60 acres of property acquired for H. V. Griffin Park creates an opportunity to make an assessment of balanced active and passive recreational needs for the surrounding community and the City of Shelbyville.

Needs Assessment:



Recreation Center:

- Suggested restriping of parking lot to 90° stalls to reduce drive aisle width and add additional parking stalls and landscape islands
- Possible expansion to accommodate athletic tournaments and community events



Pavilions:

- Existing pavilions are in demand and well used
- If batting cages are relocated, the concrete pad could facilitate a new picnic pavilion
- Opportunities exist for adding pavilions in passive areas on the expanded park property and in conjunction with new playground facilities



Baseball & Softball Fields:

- Need tournament quality fields and deeper outfields
- New concessions & restrooms
- Paved parking + additional parking
- Relocate existing batting cages near ball fields



Disc Golf:

- Possibly redesign & expansion of existing course for tournament play
- Existing course has limited length and variety to the holes
- Needs more Par 4 and Par 5 opportunities



Aquatic Center:

- Repair existing pool deck
- Add outdoor entry
- Possible expansion of slides
- Splash pad



Maintenance Facility:

- Relocate maintenance facility to less visible / prominent location in the park



Multi-Use Trail:

- Expand current 1/2 mile multi-use trail throughout park
- Need loop trail
- Provide a variety of trail experiences



Mr. Earl Brantley Memorial Sign:

- Preserve and enhance memorial sign and connect it to surrounding landscape and park facilities



Celebration Station Playground:

- Existing wooden playground has limited ADA accessibility
- Additional playground opportunities associated with new facilities

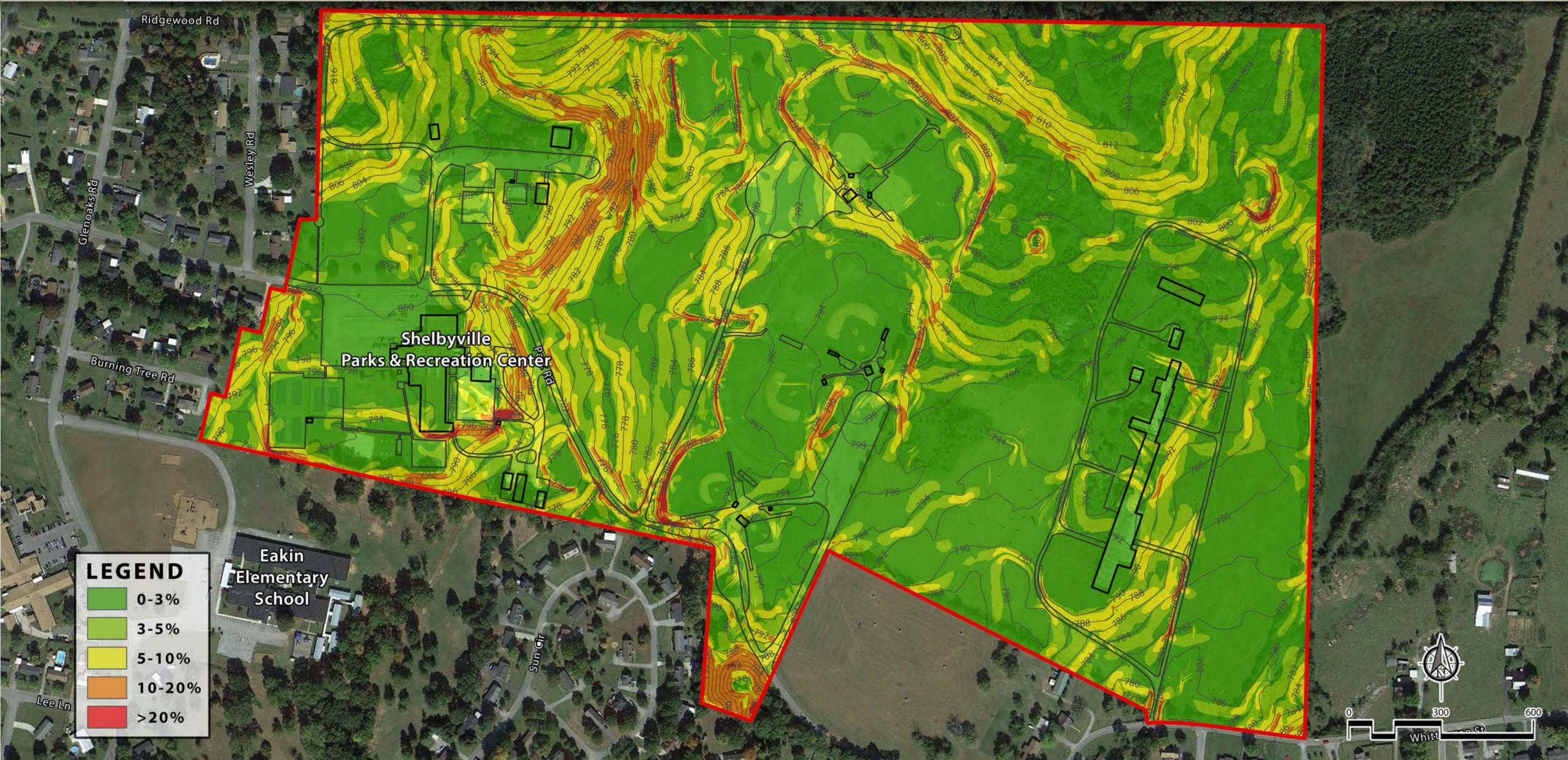


Structures on Acquired Land:

- Overall the structures are in poor condition
- Limited opportunity for retrofitting
- Existing concrete pads and metal shell may provide temporary shelters for soccer facilities



Slope Analysis



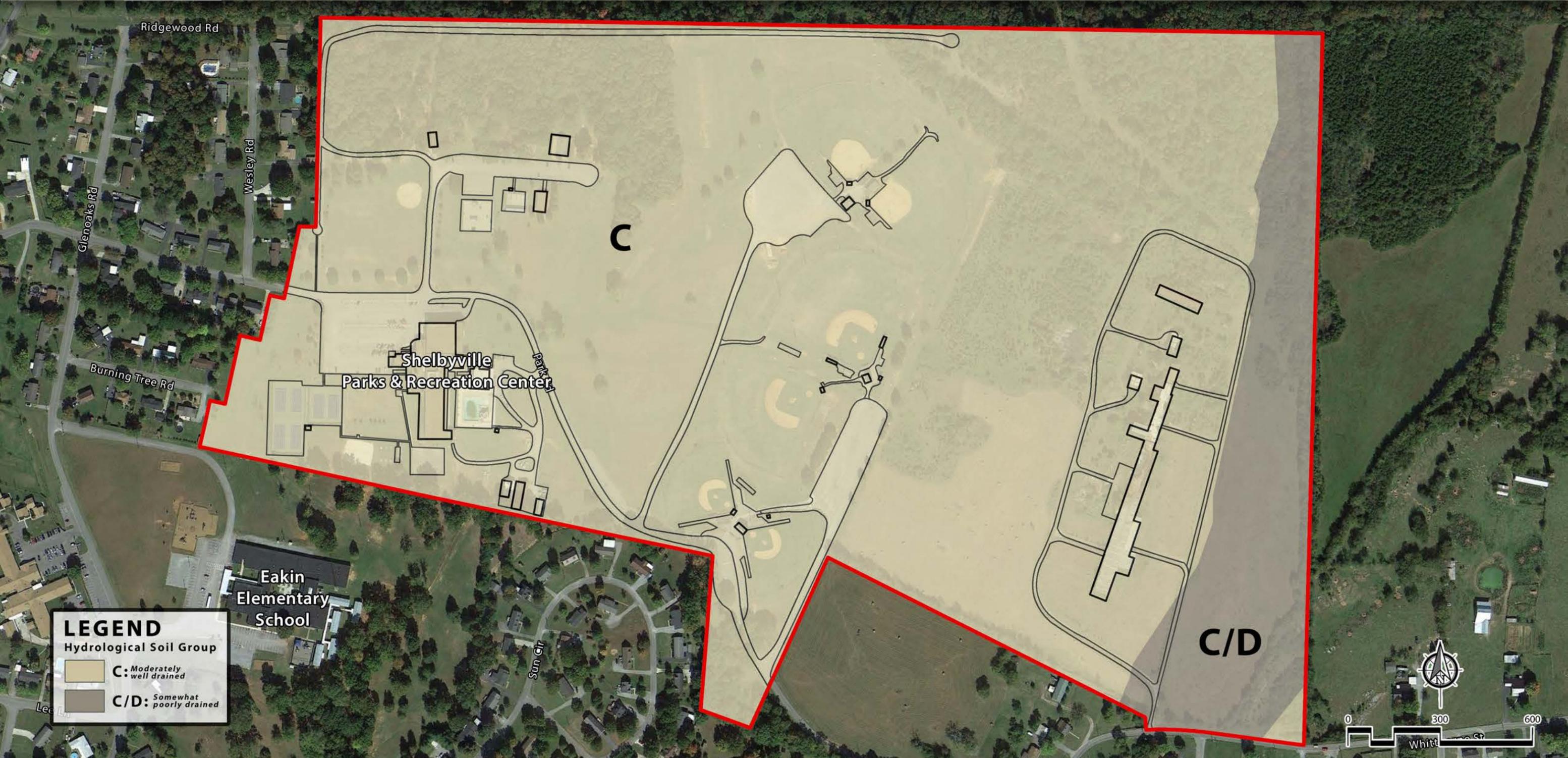


Hydrology Analysis





Hydrological Soil Analysis



LEGEND
Hydrological Soil Group

	C: Moderately well drained
	C/D: Somewhat poorly drained



Existing Utilities Analysis



LEGEND

Water & Sewer

- Water Lines
- Sewer Manholes
- Gravity Sewer Lines

Power & Electric

- Light Poles
- Utility Pole
- Power Lines



Environmental Review (Synopsis)



Griggs & Maloney, Inc. conducted an early environmental screening consisting of a preliminary records check and a visual observation of the proposed H.V. Griffin Park Expansion to provide a basis for developing or refining alternatives in a study for a National Environmental Policy Act (NEPA) document.

Jurisdictional Waters Assessment

- Jurisdictional waters exist at the southeast corner of the property as shown as a blue line stream on USGS topographic map.
- Additionally, this drainage extends northward along the property boundary.

Protected Floral/Faunal Species

- Regulatory record reviews indicated that the Tennessee Natural Heritage Program finds that the habitat within the project area is not suitable for the species found to exist with 1-4 mile radius of the park expansion. Therefore, they do not anticipate any impacts to rare, threatened, or endangered species.
- The Tennessee Wildlife Resources Agency stated that other than potential impacts to state and federally listed bats (Indiana and northern long-eared bats) they have no objections or concerns to the proposed project and do not anticipate any adverse impacts to other state listed species. TWRA defers to the U.S. Fish & Wildlife Service for the protected bats.
- The U.S. Fish & Wildlife Service (USFWS) stated that their database and site information indicates that suitable roosting habitat for the endangered Indiana bat and the threatened northern long-eared bat may exist within the project area. If habitat for these bats are to be impacted, an assessment may be required by a qualified individual to determine potential impacts and if the proposed project may affect the bats.

Cultural Resources

- The Tennessee Division of Archaeology did not find any prehistoric or historic archaeological sites recorded within or near the project area. As a result, the Division does not foresee any problems with this project development.
- The Tennessee Historical Commission indicated that the development of the property will not have an adverse effect on historic properties recorded in the project area.

Observable Environmental Conditions Related to the Buildings/Operations

- A cursory on-site review of the building and operations indicated that plastic wastes are present in large quantities. It appears that these wastes were once declared a "Special Waste" via the Tennessee Division of Solid Waste Management (TDSWM). This plastic waste may be disposed in a landfill designated to accept Special Waste. A Special Waste Approval is required from the TDSWM. Based on the information we have reviewed, this approval has expired and will need to be renewed prior to disposal.
 - The inspection also observed four 55-gallon drums which appeared to contain a petroleum-based waste. These drums were leaking when observed. Prior to disposal, the drum contents will need to be verified through sampling and analysis as to whether they are hazardous or non-hazardous wastes to ensure proper handling and disposal.
 - No underground storage tanks (USTs) were observed on the property. Please note that vegetation and debris could have obscured visually locating signs of USTs.
 - One building appeared to be a maintenance garage for vehicles, with high bay doors and concrete work sumps. No visual contamination of concern was noted, but such operations often result in incidental contamination of surrounding ground and discharges to subsurface drain/septic fields.

Asbestos

- No asbestos issues were observed during a site inspection. Be aware that it is always possible that areas hidden by wall coverings, etc. may harbor asbestos. As required during demolition of structures, a certified asbestos inspector will need to be on site to observe the demolition.





Overall Master Plan



Dog Park



Directional Signage



Splash Pad / Aquatics Center



Baseball 5-Plex



Play Structures



Multi-Use Trail



Concessions & Restrooms



All-Purpose Soccer Fields



Outdoor Education & Nature Observation Deck





Park Program Elements

The proposed Master Plan for H.V. Griffin Park provides a good balance of active and passive recreational programs. The proposed facilities are at or above the typical park programming needs for a community park serving a city with a population size of 20,000 to 30,000. The proposed programming could also provide an increased regional draw to the park especially for athletic tournaments. Typically this scale of park expansion may require several phases to complete. The completion of all components of the park is more likely to be a long term goal than a short term goal for the City of Shelbyville.

Baseball:

- **Bedford County Baseball**
 - Coach Pitch: 3 - 4 Years Old Instructional League (Requires 50'-60' Base Lines)
 - Coach Pitch: 5 - 6 Years Old (Requires 60' Base Lines)
 - Coach Pitch: 7 - 8 Years Old (Requires 60' Base Lines)
 - Kid Pitch: 9 - 10 Years Old (Requires 65' Base Lines)
 - Kid Pitch: 11 - 12 Years Old (Requires 65' Base Lines)
- **High School & College Baseball (Require 90' Base Lines)**
- **Proposed Baseball Fields:**
 - 2 - 220' Fields, 50' - 60' Base Lines
 - 4 - 220' Fields, 60' - 65' Base Lines
 - 1 - 350' Field, 90' Base Lines

**This increases the number of Baseball fields from 4 to 7 fields*

Softball:

- **Hilliard Gardner Youth Softball League**
 - Coach Pitch: Coed 4 - 8 Years Old (Requires 60' Base Lines)
 - Slow Pitch: Girls 9 - 16 Years Old (Requires 60' Base Lines)
 - Slow Pitch: Boys 9 - 16 Years Old (Requires 60' Base Lines)
 - Fast Pitch: Girls 9 - 16 Years Old (Requires 60' Base Lines)
- **Adult & Church League Softball**
 - Age: 18+ (Requires 65' Base Lines)
- **Proposed Fields:**
 - 3 - 300' Fields, 65' Base Lines

**This increases the number of Softball fields from 2 to 3 fields*

Skatepark:

- Possible Expansion

Picnic Grounds & Play Structure:

- Possible addition of shelters
- Possible upgrade of playground

Soccer:

- **Shelbyville Youth Soccer**
 - Age 4-5 League (30 yd. x 21 yd. Field Size)
 - Age 6-7 League (50 yd. x 30 yd. Field Size)
 - Age 8-9 League (72 yd. x 45 yd. Field Size)
 - Age 10, 11, 12 Leagues (90 yd. x 50 yd. Field Size)
- **Proposed Fields:**
 - 6- Full Sized; 120 yd. x 75 yd.
 - Or 60- Age 4-5 League Fields
 - Or 24- Age 6-7 League Fields
 - Or 12- Age 8-9 League Fields
 - Or 12- Age 10,11,12 League Fields

**This increases the number of Soccer fields from 1 to 6 fields.*

Tennis:

- **Shelbyville Tennis Association**
 - Junior Team Tennis: Ages 5-18
- **Proposed Courts:**
 - 6 Open Courts, 2 Covered Courts

**This is an increase of 2 covered courts*

Multi-Use Trail:

- Existing Trail: ½ Mile
- Proposed Trails: 1.75 Miles Perimeter Multi-Use Trail
2.0 Miles Interior Walkways
Total: 3.75 Miles

Disc Golf:

- Possible re-design for improved layout, longer course with more variety to hole length & challenge

Existing Recreation Center:

- Indoor classrooms / meeting rooms
- Racquetball / Wallyball Court, Track, Fitness / Wellness Room, Gymnasium to remain
- Existing Outdoor Basketball, Sand Volleyball & Horseshoes to remain
- Existing Community Garden to remain
- Existing indoor & outdoor pool to remain
- Possible splash pad & outdoor aquatics expansion
- Possible reconfigured parking to increase number of spaces (66 additional spaces) & improved visual enhancement of landscape & building entrance



Park Sections





Estimated Range of Cost - By Section

Section A:

Resurface / Restriping Parking at Rec Center (Adds 66 spaces)	\$75,000
Dog Park / Parking Area (Parking, Fencing & Landscaping)	\$65,000
Redesign & Construction of expanded 18 hole Disc Golf	\$31,500
Perimeter Multi-Use Trail (12' wide asphalt trail)	\$284,750
Monument Park Signage / Wayfinding	\$15,000
Expanded Skate Park / Bike Skills Track (Additional Paving, Fencing, Skate / Bike Features)	\$85,000
Stormwater Facilities / Erosion Control	\$20,000
Utility Improvements	\$20,000
Miscellaneous Site Amenities (Site furnishing / Landscape / Lighting)	\$25,000
Section A Total	\$621,250
<i>+15% Contingency</i>	<i>\$93,188</i>
Section A Overall Total	\$714,438

Recreation Center Facility Expansion

Aquatics Center, Splash Pad, and Deck Improvements	\$800,000
Additional Parking	\$80,000
24' Wide Access Road	\$26,250
Expanded Tennis Facilities (Indoor Bubble)	\$460,000
Recreation Center Expansion Total	\$1,366,250
<i>+15% Contingency</i>	<i>\$204,938</i>
Recreation Center Expansion Overall Total	\$1,571,188

Section B:

Move Batting Cage (Concrete pad, reassemble cage)	\$25,000
New Picnic Shelter (55' x 35')	\$85,000
Rough Grading (Assume 2' Deep Average)	\$480,000
Stormwater & Erosion Control	\$45,000
Refinish / Enhance 5 existing ball fields	\$100,000
5 New Ball Fields with lighting & bleachers ((\$150,000 per field)	\$750,000
2 Concession / Restroom Buildings ((\$270,000 per building)	\$540,000
Playground	\$80,000
New Maintenance Building Facility	\$625,000
Additional Parking	\$798,000
Additional 24' Wide Curb & Gutter Roadway	\$230,000
Estimated Water & Sanitary Sewer Improvements	\$150,000
Wayfinding / Identification Signage	\$15,000
6' Wide Sidewalk / Plaza	\$112,000
Landscape Allowance & Miscellaneous Amenities (Including Skate Park Buffer)	\$30,000
Section B Total	\$4,065,000
<i>+15% Contingency</i>	<i>\$609,750</i>
Section B Overall Total	\$4,674,750

Section C:

6 Full Sized Soccer Fields ((\$125,000 per field) (with sod, irrigation, goals, scoreboards, lighting)	\$750,000
2 Concession Buildings ((\$270,000 per field)	\$540,000
1 Coach / Changing Room & Meeting Space	\$125,000
6' Wide Sidewalk / Plaza	\$112,000
Multi-Use Trail (12' wide asphalt trail)	\$447,525
Rough Grading (Assume 2' Deep Average)	\$400,000
Stormwater & Erosion Control	\$45,000
Additional Parking	\$471,000
Additional 24' Wide Curb & Gutter Roadway	\$400,000
Estimated Water & Sanitary Sewer Improvements	\$200,000
Wayfinding / Identification Signage	\$15,000
Landscape Allowance & Miscellaneous Amenities	\$30,000
Section C Total	\$3,535,525
<i>+15% Contingency</i>	<i>\$530,330</i>
Section C Overall Total	\$4,065,855

Overall Grand Total \$11,026,231

Estimated costs are preliminary ranges and are not based on final design or construction documents.

Opportunities to Phase Sections:

- H.V. Griffin Park can be expanded in multiple phases. Completion of the entire Master Plan typically requires a long term approach for a city the size of Shelbyville.
- Although not completely independent, parts of each section can be developed separately as costs permits.
- Rough grading for the athletic facilities (Sections B & C) and stormwater facilities is typically more cost efficient when done for the entire site at one time. In addition, it is easier to balance cut fill requirements for the entire site at one time.
- In Section A, the Dog Park, Skatepark, Perimeter Trail, Disc Golf Re-design, and aquatics center could all be implemented independently.
- In Section B, the completion of the Baseball & Softball Fields could be done independently.
- In Section C, the rough grading could be completed for the complex with the future phasing of parking, concession / restrooms, turf & lighting implementation occurring 2 fields at a time.



Implementation & Funding Opportunities

Federal Funding Sources:

Federal funding is typically directed through state agencies to local governments either in the form of grants or direct appropriations, independent from state budgets. Federal funding typically requires a local match of 20%, although there are sometimes exceptions, such as the recent American Recovery and Reinvestment Act stimulus funds, which did not require a match.

Recreational Trails Program:

- The Recreational Trails Program (RTP) is a federal funded, state administered grant program. The RTP provides grant funding for land acquisition for trails, trail construction, trail maintenance, trail rehabilitation and for trail head support facilities. These funds are distributed in the form of an 80% grant with a 20% match. Local, state and federal land managing agencies are eligible to apply as well as state chartered, non-profit organizations with IRS 501 (c) (3) status that have a written agreement for trail management with an agency. All grants must be on publicly owned land.

Partnership to Improve Community Health (PICH):

- PICH is a 3-year initiative that supports implementation of evidence-based strategies to improve the health of communities and reduce the prevalence of chronic disease. PICH builds on a body of knowledge developed through previously funded Centers for Disease Control and Prevention (CDC) programs and encourages collaborations with a multi-sectoral coalition to implement sustainable changes in communities where people live, learn, work, and play.

State Funding Sources:

Local Parks & Recreation Fund (LPRF) Grants:

- The Local Parks and Recreation Fund (LPRF) provides grants to eligible local government entities for the purchase of lands for parks, natural areas, greenways, and recreation facilities. The funds may also be used for trail development and capital projects in parks, natural areas, and greenways.
- See more at: <https://www.tn.gov/environment/article/grants-local-parks-and-recreation-fund-lprf-grants#sthash.S2leUve4.dpuf>

Tennessee Recreation Initiative Program:

- The Tennessee Recreation Initiative Program (TRIP) provides grants to those cities and counties currently without a comprehensive parks and recreation delivery system in operation due to lack of staffing and organization.
- See more at: <https://www.tn.gov/environment/article/grants-tennessee-recreation-initiative-program-trip-grants#sthash.qQhgxfak.dpuf>

Local Funding Sources:

Local Bond Measures:

- Local bond measures, or levies, are usually general obligation bonds for specific projects. Bond measures are typically limited by time based on the debt load of the local government or the project under focus. Funding from bond measures can be used for engineering, design and construction of local park facilities.

Stormwater Utility Fees:

- Stormwater charges are typically based on an estimate of the amount of impervious surface on a user's property. Impervious surfaces (such as rooftops and paved areas) increase both the amount and rate of stormwater runoff compared to natural conditions. Such surfaces cause runoff that directly or indirectly discharges into public storm drainage facilities and creates a need for stormwater management services. Thus, users with more impervious surface are charged more for stormwater service than users with less impervious surface.
- The rates, fees, and charges collected for stormwater management services may not exceed the costs incurred to provide these services. The costs that may be recovered through the stormwater rates, fees, and charges includes any costs necessary to assure that all aspects of stormwater quality and quantity are managed in accordance with federal and state laws, regulations, and rules. Open space may be purchased with stormwater fees, if the property in question is used to mitigate floodwater or filter pollutants.



Implementation & Funding Opportunities

Hotel & Motel Tax:

- Local governments that choose to exercise a local option of hotel & motel tax can use the tax revenues to provide funding for a wide variety of projects and activities. The H.V. Griffin Park Expansion can be funded by a portion of local sales tax revenue or from a voter approved sales tax increase. Many cities and counties use the tax for tourism development, which can include parks, recreation and athletic facilities that will draw regional participants.

Private Funding Sources:

U.S. Soccer Foundation's Safe Places to Play Grant:

- Since 1995, the U.S. Soccer Foundation has awarded grants to more than 600 non-profit organizations in all 50 states. Grants support soccer programs and field building initiatives in the U.S. that keep children in under served communities active, healthy, and safe. Grants are available in four categories: Synthetic Turf, Lighting, Irrigation, and Sport Court. Multi-sport field projects are also eligible for funding, but such fields must be used a majority of the time for soccer. Safe Places to Play Grantees have between 12-18 months from the date of the award announcement to use their funding.

Corporate Donations:

- Corporate donations are often received in the form of liquid investments (i.e. cash, stock, bonds) and in the form of land. Employers recognize that creating places to bike, walk, and play sports is one way to build community and attract a quality work force. Bicycling and outdoor recreation businesses often support local projects and programs. Municipalities typically create funds to facilitate and simplify a transaction from a corporation's donation to the given municipality. Donations are mainly received when a widely supported capital improvement program is implemented. Such donations can improve capital budgets and/or projects.

Volunteer Work & Public-Private Partnerships:

- Individual volunteers from the community can be brought together with groups of volunteers from church groups, civic groups, scout troops and environmental groups to work on park development on special community workdays. Volunteers can also be used for fundraising, maintenance, and programming needs. Local schools or community groups may use the park projects as a project for the year, possibly working with a local designer or engineer. A local construction company may donate or discount services. A challenge grant program with local businesses may be a good source of local funding, where corporations 'adopt' a park facility and help construct and maintain the facility.

Private Individual Donations:

- Private individual donations can come in the form of liquid investments (i.e. cash, stock, bonds) or land. Municipalities typically create funds to facilitate and simplify a transaction from an individual's donation to the given municipality. Donations are mainly received when a widely supported capital improvement program is implemented. Such donations can improve capital budgets and/or projects.

Fundraising / Campaign Drives:

- Organizations and individuals can participate in a fundraiser or a campaign drive. It is essential to market the purpose of a fundraiser to rally support and financial backing. Oftentimes fundraising satisfies the need for public awareness, public education, and financial support.



Active Recreation

By having quality active recreation facilities, H.V. Griffin Park would be primed to draw numerous sports tournaments to the City of Shelbyville. Having such an attractive regional draw has potential for a substantial impact on local economic growth and development.

Baseball Complex:

- The Baseball Complex is planned to increase the number of fields from four total fields to seven total fields. The complex will leave the existing 350' field where it is currently located, and add four 220' fields around it, creating a complex with a new scoring house / concession and restroom building with amenities in the center of the complex. The existing two 220' fields will also be kept for instructional league (tee ball) play and / or team practices. Furthermore, the existing batting cages will be relocated to a more convenient location near the Baseball Complex.

Softball Complex:

- The Softball Complex will retain the two existing full sized softball fields, with an additional full sized softball field and new scoring house / concession and restroom building with amenities located in the center of the complex.

Soccer Complex:

- Soccer is a fast growing sport, with numerous opportunities for league and tournament play. The proposed Soccer Complex will have six full sized soccer fields. Having numerous full sized fields will allow for flexible play between different age groups, where multiple youth games can take place on a full sized field. Moreover, turning the direction of play will allow the higher trafficked turf areas to recover more quickly. In addition, two additional scoring house / concession and restroom buildings will serve the new Soccer Complex. This facility should be designed to accommodate other sports in addition to soccer that can use the rectangular field arrangement. Lacrosse, football, ultimate frisbee, and rugby are examples. Providing a soccer park facility at H.V. Griffin Park scored very highly at the public input meeting for H.V. Griffin Park.

Additional Active Facilities:

- In addition to the large active recreational facilities, there are numerous other opportunities for expanding active recreation at H.V. Griffin Park. Such as, redesigning the existing Disc Golf course to a championship level play, expanding existing facilities like the Tennis Complex and Skate Park, and maintaining open areas for unprogrammed active recreational play. It is proposed that the utility field north-west of the recreation center remain as a part of the unprogrammed active play space.

Passive Recreation

Passive Recreation is an equally important component of a successful community park as Active Recreation. Passive Recreation can bring an identity and a sense of place to a community park, while providing spaces for gathering and socializing, in addition to spaces for relaxation and reflection. The current master plan proposed provided an equal balance between active and passive space.

Multi-Use Perimeter Trail:

- Multi-use trails promote both recreation and health. Walking or biking thirty minutes a day can greatly reduce the risk of heart disease and diabetes, improve mental alertness, and add a sense of well-being. Multi-use trails tend to become a social space for community interaction and a way to link outdoor community events. Expanding the existing multi-use trail to a complete loop around the perimeter of the park would create a much more desirable experience for the user. Walking and biking trails have become a high priority amenity for communities in Middle Tennessee and around the country.

Dog Park:

- Dog parks offer great opportunities to for both people and their dogs to socialize, make new friends, and get some exercise. They provide a safe environment for dogs to run and play freely. In addition, they offer the perfect space for socializing dogs of all breeds, sizes, ages, and temperaments. Providing a Dog Park facility scored very highly at the public input meeting for H. V. Griffin Park.

Picnic & Shelter Areas:

- The existing pavilions at H.V. Griffin Park are very popular venues for private parties, casual picnics, and shelter from the hot sun. Additional shelters near the new and expanded sports complexes will provide not only opportunities for additional private party rentals, but also shelter for park users during regional sport tournaments. A landscape buffer between the picnic shelter area and the skatepark would help reduce possible conflicts between active and passive use in this part of the park, especially if the batting cage facility is relocated.

Natural Areas:

- Preserving the natural areas in the park helps to protect, restore, and manage the parks local ecosystem and natural resources. Furthermore, it provides opportunities for environmental education to raise awareness, foster respect and develop enthusiasm for the natural environment. The south-east edge of the park is well suited for an environmental education area with the possibility of an outdoor amphitheater and observation platform. The natural wooded area of the park can facilitate both active and passive uses such as, an expanded disc golf course along with a multi-use trail.



Maximize use of existing facilities & phase future development

Utilizing existing park facilities and existing park infrastructure as much as possible, along with logical phasing is important to the overall success of the H.V. Griffin Park expansion. Saving money by utilizing what is already in place wherever possible could make city funds go further in the expansion, allowing for more recreation opportunities in the park.

Existing Sports Fields:

- Utilizing the existing full sized Baseball field and the two existing softball fields provides the bones for the additional fields to be added around much more easily. Not only will savings come from not having to construct several more fields, the newly constructed fields will be able to tie into the existing utilities already in place for those fields, and potentially share a few of the same lighting poles.

Phasing:

- Phasing the park expansion makes sense not only fiscally, but also logistically. By phasing the expansion the city would not have to come up with the total construction cost at one time. Furthermore, phasing would allow for park recreation to continue in the parts that are not under construction. Phasing soccer by constructing two fields at a time would allow for play to start and the complex could grow as the demand grows.

New Building Facilities

Investment into new quality park facilities has typically been seen as an economic boost to the communities that surround them. Quality facilities create a regional draw that users will travel significant distances for their outdoor recreation.

Concessions / Scoring House:

- Quality facilities such as concessions, restrooms, meeting rooms, dugouts and shelters create positive user experiences. They will keep users coming back time and time again.

New Maintenance Facility:

- Relocating the unpleasant maintenance building and maintenance yard to a less prominent location in the park, away from the recreation center, would make it more visually pleasing. Furthermore, it will be in a more convenient location for access to both the baseball and soccer complexes.

Aquatics Center Expansion:

- The Recreation Center's Aquatics Center is a very popular park element. Expanding the Aquatics Center to include a Splash Pad would be a very popular project with park users. Splash Pads allow for children to play in water, with little risk of drowning, due to the limited amount of standing water.

Parking:

- Parking is at a premium during athletic tournament play. Parking layout for the H.V. Griffin Park Master Plan has been designed to accommodate the Baseball, Softball, and Soccer Complex to allow for overflow parking between facilities. If simultaneous tournaments need to be scheduled, the increased parking space at the recreation center could help accommodate parking needs along with a shuttle to the appropriate playing fields. Additional parking may be designed into the final construction plans for the park based on a field survey of utility lines / easements, stormwater detention requirements and earthwork.