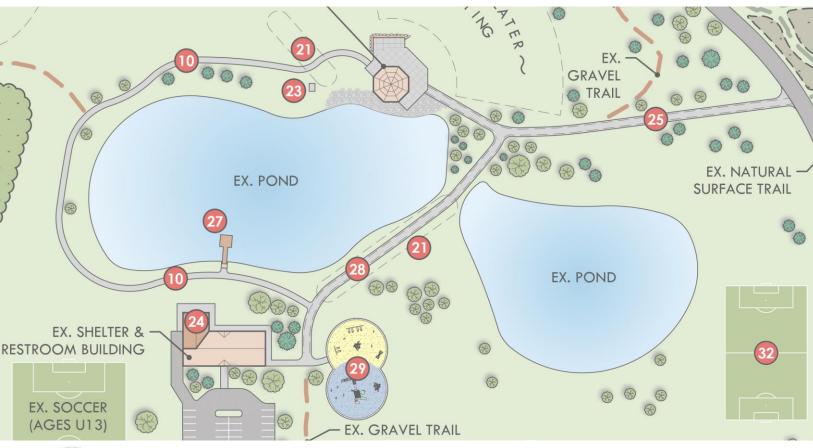
Lemke Park, River Barn Park & Rotary Park Master Plan Report

October, 2019







ACKNOWLEDGEMENTS

Park and Open Space Board

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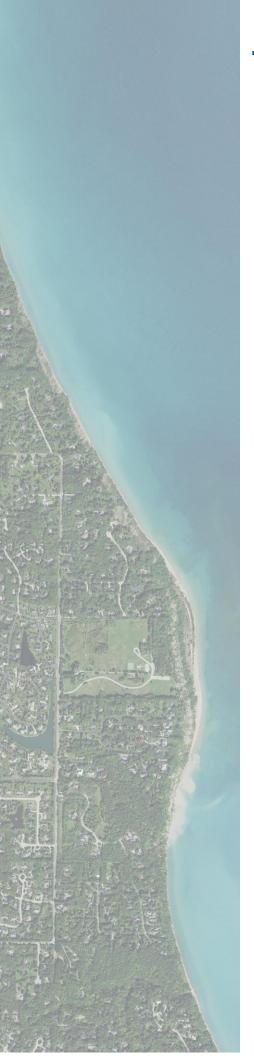


TABLE OF CONTENTS

Introduction	
Existing Facilities	2
Observed Issues (Site Audits)	
Public Process	10
Stakeholder Interviews	10
Mequon Park & Open Space Survey	14
Public Meeting	15
Analysis of Data Collected	15
Lemke Park Master Plan Recommendations	19
River Barn Park Master Plan Recommendations	22
Rotary Park Master Plan Recommendations	24
Future Park Expansions	26
Phasing Plans	27
Preliminary Budget	
	Existing Facilities Observed Issues (Site Audits) Public Process Stakeholder Interviews Mequon Park & Open Space Survey Public Meeting Analysis of Data Collected Lemke Park Master Plan Recommendations River Barn Park Master Plan Recommendations Rotary Park Master Plan Recommendations Future Park Expansions Phasing Plans

Appendices

Appendix A: Construction Cost Estimates Appendix B: Concept Plans – Lemke Park Appendix C: Concept Plans – River Barn Park Appendix D: Concept Plans – Rotary Park

Appendix E: Preferred Concept Plans – Lemke Park, River Barn Park & Rotary Park

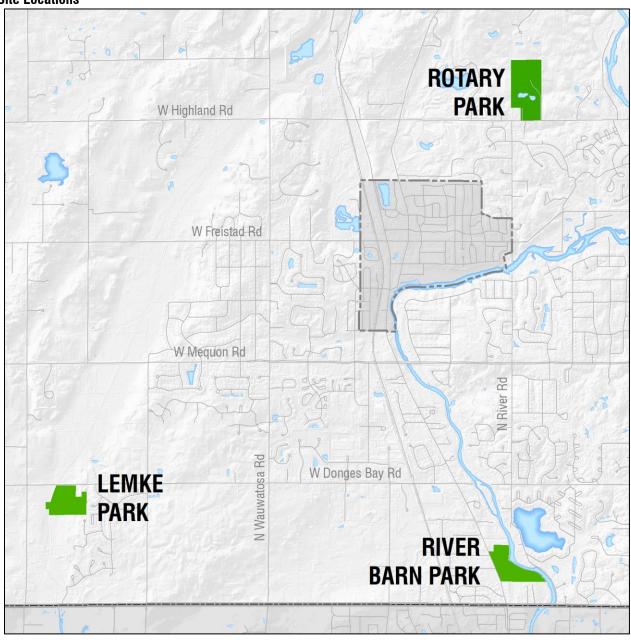
Appendix F: Phasing Plans

Master Plan for Lemke Park, River Barn Park & Rotary Park Mequon, WI

I. INTRODUCTION

The following memorandum summarizes the process, findings and recommendations of the Master Plan for Lemke Park, River Barn Park and Rotary Park in Mequon, Wisconsin. Exhibits referenced in this report are attached at the end of the document (**Appendix A-F**). While these three parks have independent and unique identities and roles for the community, the analysis and planning was an overlapping process. This report outlines the commonalities and specific recommendations for each site. It should be noted that implementation of each park will be independent of each other, but there are certain pieces of the proposed plans that rely on implementation of recommendations from the other sites.

Site Locations



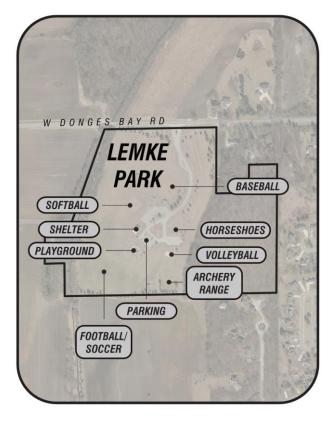


II. EXISTING FACILITIES

Site audits of each of the three parks were completed in conjunction with the 2019 City of Mequon Park and Open Space Plan. Facilities were photo inventoried and any issues pertaining to safety, ADA accessibility, equipment age, and several other factors were documented. Maps on the following pages show existing facilities at each of the parks and are accompanied by a comprehensive list of amenities provided. The following section details issues observed during site audits.

LEMKE PARK

10301 W Donges Bay Road 104N



EXISTING FACILTIES:

- Baseball field with dugouts, bleachers & scoreboard
- Softball/youth baseball field with dugouts & scoreboard
- Batting cages
- Athletic fields (Football, soccer & lacrosse)
- Park shelter
- Football equipment storage building
- Archery range
- Sand volleyball court
- Horseshoe pits
- Basketball hoop (in parking lot)
- Play structure (5-12 year old)
- Swings (2 belt, 2 bucket)
- Sandbox

- Grill
- Open space
- Natural area
- Asphalt path
- Parking lots
- Bike rack
- Equipment sheds
- Port-a-pottys
- Picnic tables
- Benches
- Trash receptacles
- · Dog waste station
- Park sign
- Regulatory signage



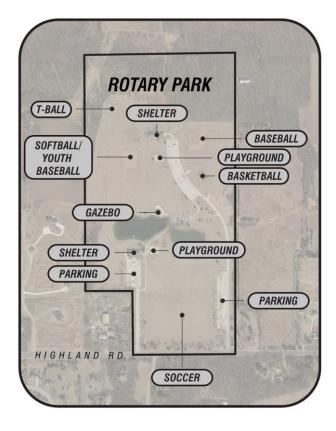
EXISTING FACILTIES:

- Softball/youth baseball fields with bleachers (3)
- Athletic fields (Football, soccer & lacrosse)
- Sommer Pavilion (Indoor/outdoor shelter with concessions & restrooms)
- Batting cage
- Large bleachers at football field
- Football scoreboard
- Play structure (5-12 year old)
- Swings (3 belt, 1 bucket)
- Equipment shed
- Canoe/kayak launch
- Natural area
- Parking lot
- Bike rack
- Park sign
- Trash receptacles

- Picnic tables
- Grill
- Drinking fountain

ROTARY PARK

4100 W Highland Road 128N



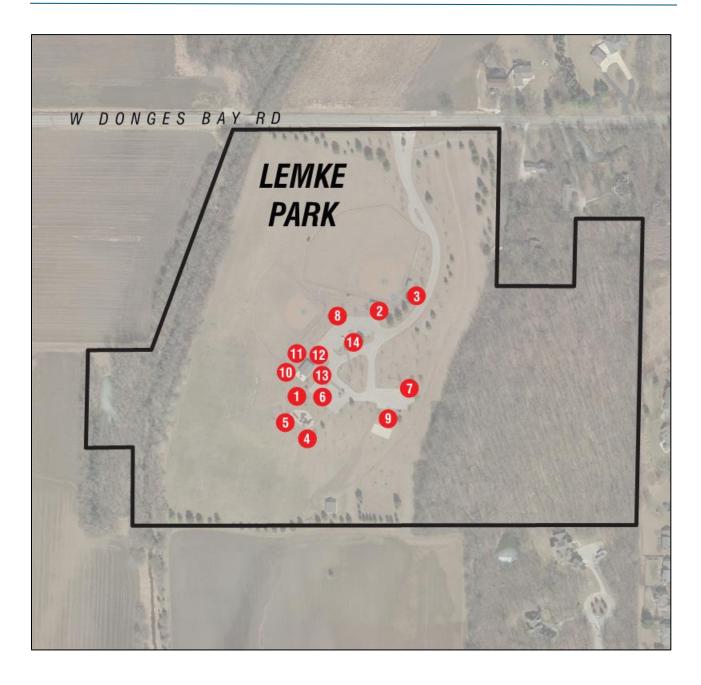
EXISTING FACILTIES:

- Rueter Pavilion (Indoor pavilion with restrooms)
- Rotary Pavilion (Outdoor pavilion with restrooms and concessions)
- Large shelter/ amphitheater stage with electrical
- Schmit Field (Baseball field with bleachers)
- 2 Softball/youth baseball fields with bleachers (Lions Fields)
- T-Ball field
- Batting cage
- Athletic fields (Soccer & lacrosse)
- Basketball court
- Gravel paths
- Asphalt path
- Natural area connecting to Pukaite Woods
- Kiosks
- Memory Garden

- North playground
- South playground
- Parking lots
- Parking lot lighting
- Fishing pond
- Fishing pier
- Donor monuments
- Bridge
- Drinking fountain (Missing for winter)
- Grill
- Picnic tables
- Trash receptacles
- Flagpole
- Park signs
- Regulatory signage
- Lions Fields sign
- Schmit Field sign
- Pukaite Woods sign
- Memory Garden sign

OBSERVED ISSUES (SITE AUDITS)

LEMKE PARK



- **#** Observed Issue (Site audits)
 - 1. No ADA accessibility to park facilities
 - 2. Missing endcaps on bleachers
 - 3. Bleachers should be on concrete pads
 - 4. Some worn areas on playground safety surfacing
 - 5. A bucket swing seat is beginning to split
 - 6. No ADA parking signage
 - 7. Basketball/parking conflict

- 8. Bike rack in grass
- 9. No picnic table near grill
- 10. No ADA approved picnic tables
- 11. No recycling receptacles
- 12. No drinking fountain
- 13. No permanent restrooms
- 14. No lighting

LEMKE PARK Site Photos



Bike rack in grass



No ADA access to shelter



No ADA access to ballfields



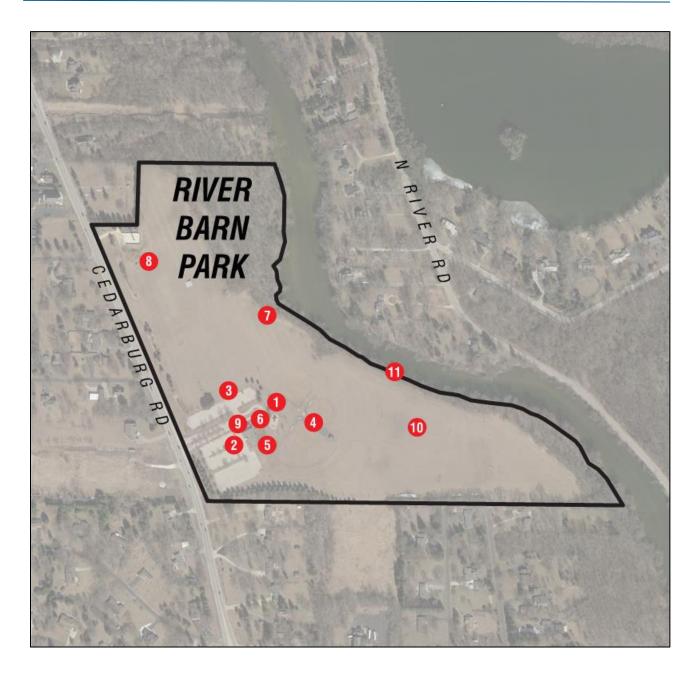
No ADA parking signage



Worn areas in playground surfacing



Basketball/parking conflict



- # Observed Issue (Site audits)
- 1. No ADA accessibility to some park facilities
- 2. No ADA parking pavement marking
- 3. Bike rack is not on a hardscape surface
- 4. Bleachers at ballfields should be on a concrete pad
- 5. No ADA approved picnic tables
- 6. Safety surfacing in playground is aging (Exposed concrete slab)

- 7. Dead/dying trees
- 8. Crooked football goalpost
- 9. No recycling receptacles
- 10. Some soccer & lacrosse goals are
- 11. No clear river access point or wayfinding to canoe launch

RIVER BARN PARK Site Photos



Dead/dying trees



Bike rack is not on a hardscape surface



No ADA accessibility to playground



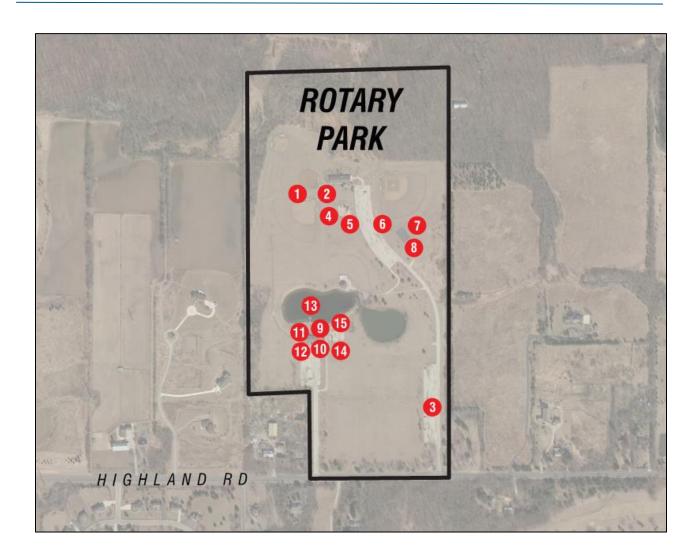
Bleachers not on concrete pads



Some soccer and lacrosse goals are aging



No ADA parking pavement marking



Observed Issue (Site audits)

- No ADA accessibility to many park facilities Bleachers at the ballfields should be on concrete 2. pads
- Parking lot asphalt is aging in some areas
- 4. North playground safety surfacing is worn
- North playground play structure is aging
- Schmit Field sign is loose in the ground and has holes in it
- Some cracks in the basketball court
- Basketball nets are torn

- No ADA approved picnic tables
- 10. No recycling receptacles
- 11. No bike racks
- 12. Missing endcaps on picnic tables in the Rotary Pavilion
- 13. The fishing pier is aging
- 14. The play structure in the south playground is aging
- 15. The bridge on the play structure in the south playground has potential pinch point

ROTARY PARK Site Photos



Bleachers should be on a concrete pad



Aging safety surfacing at north playground



Schmit Field sign is damaged



Basketball nets are torn



No ADA approved picnic tables



The fishing pier is aging

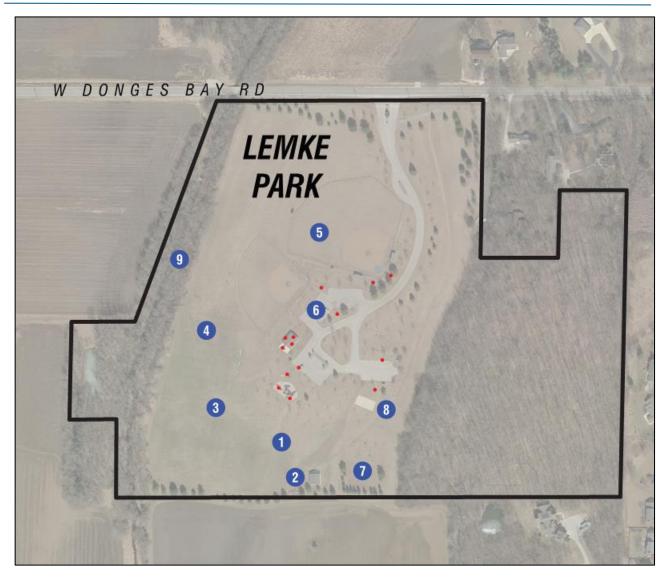
III. PUBLIC PROCESS



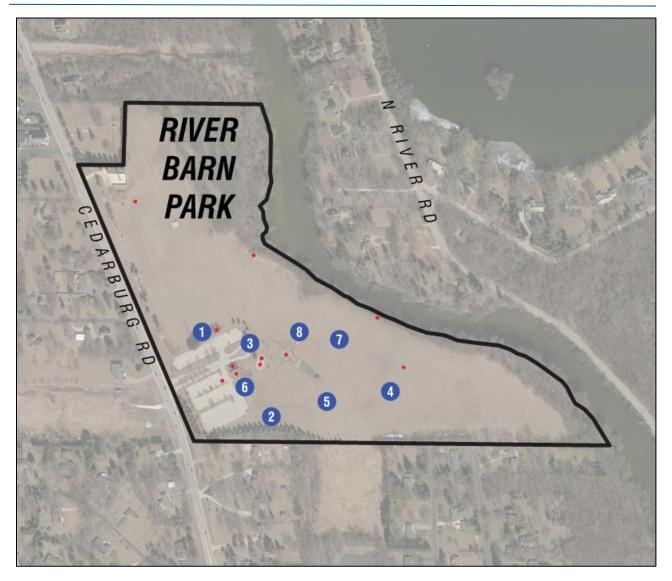
Opinions of the community for the future of Mequon parks were expressed during the public process phase of the project. This phase included the gathering of public opinion from public meetings, meetings with City staff, a communitywide online survey and stakeholder interviews.

STAKEHOLDER INTERVIEWS

Representatives from the City and Ayres Associates met with several interested park stakeholder groups to discuss their hopes for future improvements in Lemke Park, River Barn Park and Rotary Park. Stakeholders included representatives from Cardinal Football, North Shore United Soccer, Gathering on the Green, Thiensville-Mequon Youth Baseball Association, Ozaukee Lacrosse and Rennicke Field. The opinions expressed in those meetings as to the future improvements desired by each of these stakeholder groups are illustrated on the following pages.

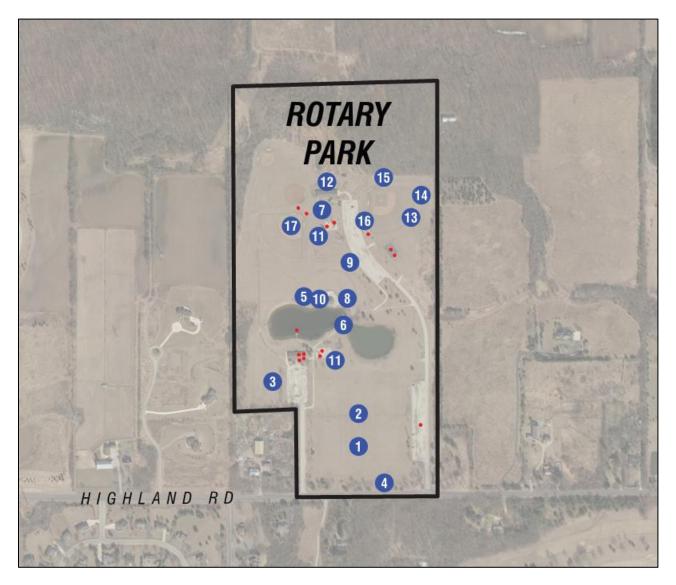


- # Stakeholder Interview Findings (Site Audit Observed Issues)
 - Cardinal Football would like to continue using Lemke Park for practices. This would include the reconfiguration of fields to be near the existing football shed.
 - Additional facilities desired by Cardinal Football include restrooms, utilities and additional storage.
 - 3. Cardinal Football expressed a desire for field lighting.
 - 4. Ozaukee Boys Lacrosse currently uses fields at Lemke Park. They would be receptive to the possibility of moving to River Barn Park. The River Barn site has restrooms and drinking water and would consolidate the girls and boys lacrosse teams in one location.
- Lemke Park is currently used for baseball games and practices. Baseball will likely remain in the park with the possibility of an additional field in the future.
- The consensus was that the parking lot was awkward and undersized. It should be reconfigured in future park design.
- 7. Athletic field relocation and parking lot reconfiguration may require the relocation of the archery range.
- 8. Athletic field relocation and parking lot reconfiguration may require the relocation of the volleyball court.
- 9. The construction of a trail along the Little Menomonee Trail was discussed as a potential general park improvement.



- # Stakeholder Interview Findings (Site Audit Observed Issues)
 - 1. Parking lot expansion needed (North).
 - 2. Parking lot expansion (South).
 - 3. Reconfigure drop-off lane.
 - 4. Boys lacrosse may choose to move to River Barn Park to consolidate girls and boys lacrosse in one location.
 - 5. Scoreboards at all ballfields.

- 6. There is an issue with the shelter being used as a concession building at the same time as shelter rentals.
- 7. Permanent outfield fences are desired although there may be an issue with construction in the flood plain.
- 8. Cantilevered dugout covers are desired.



- # Stakeholder Interview Findings (Site Audit Observed Issues)
 - 1. North Shore United Soccer Club would like to use three fields for practices and tournaments.
 - 2. Soccer field lighting is desired.
 - 3. Drainage issues at field west of parking lot.
 - 4. Drainage issues on south side of park near soccer fields.
 - 5. Drainage issues west of stage.
 - 6. Drainage issue between ponds.
 - 7. Drainage issue near north playground and shelter
 - There are a lack of facilities near the stage area to accommodate performers for events such as Gathering on the Green. A restroom/dressing room building with utilities (including WiFi) is needed.

- 9. A power upgrade at service near parking lot is needed.
- 10. A power upgrade at service near stage is needed.
- 11. Replace play equipment with all-inclusive play equipment.
- 12. Upgrade or replace Reuter Pavilion with upgraded amenities including air conditioning, concessions, indoor/outdoor conversion and storage.
- 13. Lengthen outfield fence dimensions to accommodate high school baseball.
- 14. A scoreboard with app control is desired.
- 15. Cantilevered dugout covers (All ballfields).
- 16. Bullpens.
- 17. Would like a raised pitcher's mound at south ballfield.

MEQUON PARK & OPEN SPACE SURVEY

A community survey was prepared as part of the 2019 City of Mequon Park and Open Space Plan to help determine public opinion on future opportunities for improvements in City Parks. The results of the survey were used to make the recommendations in the Park and Open Space Plan and the Master Plans presented in this report. A summary of the survey results corresponding to the three Parks in this report can be found below. See the 2019 City of Mequon Park and Open Space Plan for complete survey results.

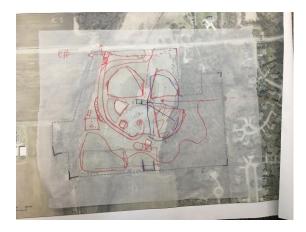
Survey Results:

- Rotary Park was the most often attended park in the community with 76% of survey respondents claiming to have visited it in the last year.
- Asked what new facility they would like to see in City parks, survey participants most commonly responded
 they would like a "Sledding Hill" (48%). Other frequent responses were "Restrooms at Lemke Park" (45%),
 "Trailhead for Ozaukee Interurban Trail" (43%) and "Outdoor Ice Skating" (42%).
- Survey participants were asked to rate their experience using elements and/or infrastructure at specific Meguon parks.
 - At **Lemke Park**, "Parking" was most frequently rated "Excellent" or "Good" (38%) while "Portable Toilets" was most frequently rated "Poor" (31%).
 - At **River Barn Park**, "Parking" was most frequently rated "Excellent" or "Good" (57%) while "Walking Trails" was most frequently rated "Poor" (3%).
 - At **Rotary Park**, "Parking" was most frequently rated "Excellent" or "Good" (68%) while "Basketball Court" was most frequently rated "Poor" (5%).
- Survey participants were asked if they felt the recreational needs of any specific age group were not being
 met by facilities offered in Mequon parks. Adolescents (Ages 13-18) were the age group the most survey
 respondents (34%) believed were underserved by City parks.
- Other results of the survey included the following:
 - The largest percentage of survey participants (28%) have been a Mequon resident for 0-5 years.
 - The household of the largest percentage of survey participants (63%) consists of two or more adults and one or more minors.
 - When asked to rank the importance of improvements to a selected list of facilities, survey respondents ranked "Improving/Establishing Public Restrooms" as most important and "Improving/Establishing Wayfinding Signage" as least important.
 - 78% of survey participants felt there was an adequate recreational park/open space within close proximity to their home.
 - 79% of survey participants typically get to City parks by driving.
 - When asked to rank the importance of the preservation of a selected list of natural and cultural features in Mequon, survey participants ranked "Woodlands" as the most important and "Historic Sites" as the least important.
 - 82% of survey respondents felt the development of a city-wide bicycle/pedestrian recreational trail should be a priority for the City of Mequon.
 - When asked to rank the quality of a selected list of characteristics about City parks, "Park Cleanliness" had the most "Excellent" or "Good" responses (82%) while "Athletic Field Conditions" had the most "Poor" responses (5%).

PUBLIC MEETING

A public meeting was held on May 15, 2019 as part of the Mequon Park and Open Space Plan to give residents an opportunity to ask questions about the planning process and to give input regarding their hopes for the future of City parks. A focus of the meeting was future improvements related to Lemke Park, River Barn Park and Rotary Park.

Hand drawn sketches, created on transparencies over aerial photographs of the parks, were created during the public meeting and stakeholder meeting to quickly draw ideas expressed for possible park improvement scenarios. These sketches were refined based on results of the online survey, City staff input and demographic analysis to help create the initial park concept plans.





Preliminary Hand-Drawn Concept Sketches



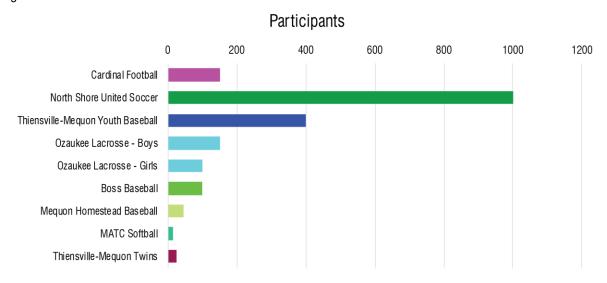
ANAYSIS OF DATA COLLECTED

Concept plans alternatives were created for each of the three parks based on data collected during the public process phase of the project and during the preparation of the Park and Open Space Plan. Some of the factors that contributed to the design of the concepts include the following:

- Online survey
- Stakeholder meetings
- Public meeting
- City staff input

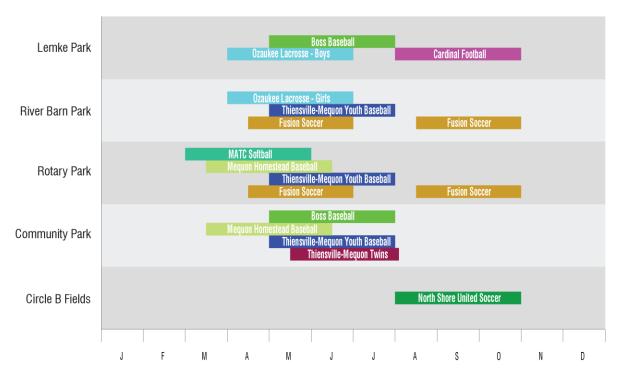
- Site audits
- Demographic analysis
- GIS analysis
- Past planning documents

Another important factor considered when preparing the initial concept plans was the level of participation and available space for each sport in City athletic fields. Based on information gathered in stakeholder meetings and other available records, the following table was created illustrating the current level of participation in several popular area organizations.



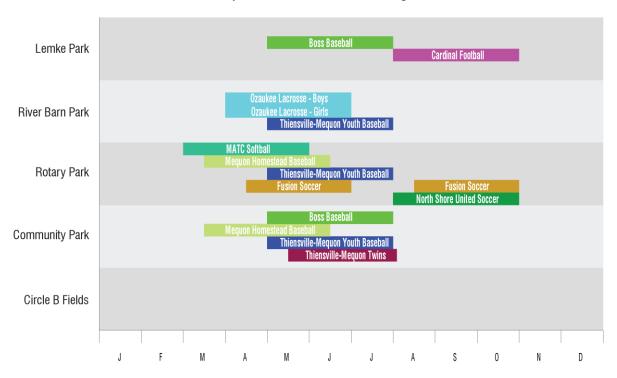
North Shore United Soccer has the highest participation level of the stakeholders shown with Thiensville-Mequon Youth Baseball and Cardinal Football also showing relatively high participation. The availability of athletic fields in City parks should attempt to accommodate these high participation levels as best as possible. In addition to an analysis of participation levels, an understanding of available facilities and their usage levels is needed. The following table illustrates the existing athletic field usage in City parks over the course of a year.

Existing Athletic Field Usage



Relocation of park facilities proposed in this plan attempt to maintain the existing level of service to activities with lower participation and provide additional support for activities with high participation. Should the relocation of facilities cause a greater overlap in activities at a certain park, considerations would need to be made including the addition of parking, restrooms and other support components. These factors were considered in the preparation of the park concept plans. The following table illustrates the athletic field usage if the recommendations of this plan are completed.

Proposed Athletic Field Usage



The following tables list the number of athletic facilities currently provided in City parks, the changes to facilities provided proposed in this plan, and the number of facilities that would be provided should the recommendations of this plan be completed.

EXISTING ATHLETIC FIELDS - LEMKE PARK, RIVER BARN PARK & ROTARY PARK

	Baseball	Softball/Youth Baseball	Football	Lacrosse	Soccer
LEMKE PARK	1	1	1	2	0
RIVER BARN PARK	0	3	1	2	2
ROTARY PARK	1	2	0	0	7
TOTAL FACILITIES PROVIDED	2	6	2	4	9

	Baseball	Softball/Youth Baseball	Football	Lacrosse	Soccer
LEMKE PARK	0	+1	+1	-2	0
RIVER BARN PARK	0	0	-1	+3	-2
ROTARY PARK	0	+1	0	0	+1
CHANGES IN FACILITIES PROVIDED	0	+2	0	+1	-1

PROPOSED ATHLETIC FIELDS – LEMKE PARK, RIVER BARN PARK & ROTARY PARK

	Baseball	Softball/Youth Baseball	Football	Lacrosse	Soccer
LEMKE PARK	1	2	2	0	0
RIVER BARN PARK	0	3	0	5	0
ROTARY PARK	1	3	0	0	8
TOTAL FACILITIES PROVIDED	2	8	2	5	8

IV. LEMKE PARK MASTER PLAN RECOMMENDATIONS

CONCEPT PLANS - LEMKE PARK

Four Concept Plans were created for Lemke Park to illustrate potential improvement scenarios. See **Appendix B** for full size Concept Plans.



FEGURGISTO FACILITIES

Transferred Control of the C

Concept 1

Concept 2





Concept 3

Concept 4

Concept recommendations included:

Concept 1

- Centralized parking (218 stalls)
- · Relocated football facilities with bleachers, lighting and storage unit
- · Additional youth baseball field with batting cages
- Basketball court
- Relocated archery range and horseshoe pits
- Trails
- Small (12 stall) parking lot near proposed ballfield

Concept 2

- Centralized parking (182 stalls)
- Relocated park entrance drive
- · Relocated football facilities with bleachers and lighting
- Restroom/storage building
- Two additional baseball fields (Full size & youth)

- Concession/restroom building at ballfields
- Batting cages
- Trails
- Basketball court
- Relocated playground and archery range

Concept 3

- Expanded parking (3 lots, 358 total stalls)
- Relocated football facilities with bleachers, lighting and storage unit
- Additional youth baseball field with batting cages
- Basketball court
- Trails
- Restroom building
- Archery range relocated to future park land on MMSD property north of Lemke Park
- Relocated volleyball court and horseshoe pits

Concept 4

- Expanded parking (3 lots, 197 total stalls)
- Relocated park entrance drive
- · Additional youth baseball field
- Relocated football facilities with bleachers and lighting
- Restroom/storage building
- Basketball court
- Trails
- Relocated archery range, horseshoe pits and volleyball court

MASTER PLAN RECOMMENDATIONS - LEMKE PARK

The four Concept Plans were reviewed by the City and a Preferred Concept Plan was created. The Preferred Concept Plan was based on Concept 4 with desired elements taken from each of the other versions. The intention was to retain as much of the existing facilities and infrastructure as possible while at the same time providing improvements intended to add to the functionality of the park. Additional elements were also added to the plan in the review phase based on comments from City staff. The basic layout of the athletic fields and parking was taken from Concept 4. Elements such as the inclusion of a concession building, an additional shelter, an additional football storage shed and batting cages were taken from the other concepts or added in the review phase to complete the final concept. See **Appendix E** for a full-size version of the final plan.

The final plan includes the following features:

- Football fields with bleachers, lighting and scoreboard
- Expanded and reconfigured parking lots
- Reconfigured park entrance road
- Additional youth baseball field
- Concession/restroom building and plaza area at baseball fields
- Baseball field improvements
- Basketball court
- Storage/restroom building
- Trail and path network

- Batting cages
- Football storage shed
- River restoration and stormwater management
- Relocation of archery range, horseshoe pits and volleyball court

SEE APPENDIX E FOR FULL SIZE GRAPHIC

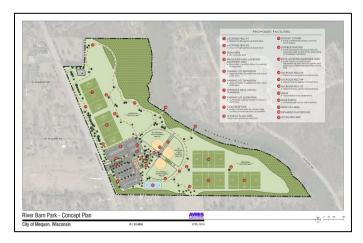
V. RIVER BARN PARK MASTER PLAN RECOMMENDATIONS

CONCEPT PLAN - RIVER BARN PARK

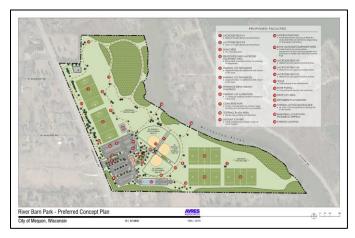
The final Concept Plan for River Barn Park was generated with a slightly different process than the final Concept Plan for Lemke Park. Instead of creating four initial graphics of potential improvements, one concept was created and multiple reviews from City staff were required to revise the initial draft into its final version. A full-size version of each of these initial concepts can be found in **Appendix C**.



The initial concept for River Barn Park was based on data collected in the "public process" phase of the plan. It was determined that boy's lacrosse would be relocated to River Barn Park from Lemke Park to consolidate girls and boy's lacrosse at one facility. The addition of boy's lacrosse fields necessitated the expansion of the parking lot to accommodate more users as shown in this concept. Other improvements of this concept included upgrades to the baseball facilities and ADA accessibility improvements.



The first revision of the plan shows the establishment of a trail network throughout the park, linking existing and proposed park amenities. An expanded concrete path network is also shown providing greater ADA access from the parking lot to the playground and ballfields. This concept also recommends an ice skating rink and expanded playground.



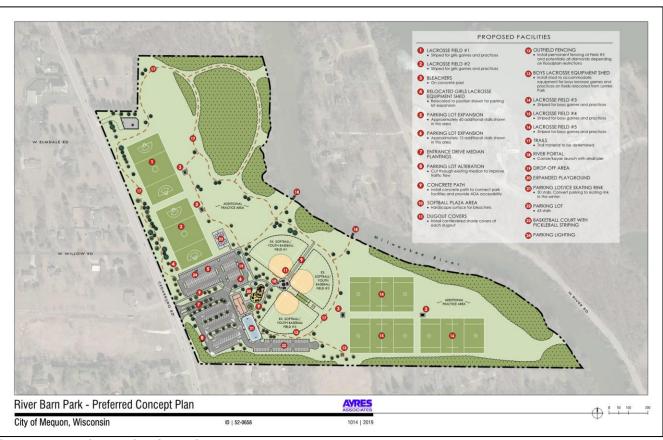
This version of the plan shows an additional parking lot south of the ballfields to accommodate people attending boy's lacrosse practices and games. The lot could be used as a base for the ice skating rink as it would not be used for lacrosse during the winter. This concept also shows a basketball court north of the parking lot. It is intended to be used as a multi-sport court and is shown on the plan striped for both basketball and pickleball.

MASTER PLAN RECOMMENDATIONS - RIVER BARN PARK

A final review by the City resulted in the creation of the preferred concept for River Barn Park. The final revision included the expansion of the parking lot south of the Sommer Pavilion. This was intended to provide additional parking and serve as a base for the proposed ice skating rink. Moving the ice skating rink closer to the Pavilion would allow for the pavilion to serve as a warming house for the skating rink. Inclusion of a skating rink was a priority in park master planning process as it was one of the most desired new facilities as shown by the results of the Park and Open Space Plan survey. See **Appendix E** for a full-size version of the final plan.

The final plan includes the following features:

- Lacrosse fields (3 boys and 2 girls)
- Parking lot expansion and improvements
- Trail and path network
- Multi-sport court
- Expanded playground
- · Baseball field improvements
- Ice skating rink
- Canoe & kayak launches
- Park lighting



SEE APPENDIX E FOR FULL SIZE GRAPHIC

VI. ROTARY PARK MASTER PLAN RECOMMENDATIONS

CONCEPT PLAN - ROTARY PARK

The process for creating a final plan for Rotary Park was done in a similar fashion as the process for the Lemke Park plan. Three initial concepts were drafted illustrating development scenarios and presented to the City for review. A final preferred concept was chosen based on elements from each of the initial concepts and input from City staff. See **Appendix D** for full size versions of the Concept Plans.







Concept 1

Concept 2

Concept 3

The concepts presented a similar group of facilities in a variety of configurations. Notable exceptions include:

- No new ballfield in Concept 1
- Unique parking configuration in Concept 3
- Reoriented turf baseball field in Concept 3
- Basketball court relocated in Concept 3

MASTER PLAN RECOMMNEDATIONS - ROTARY PARK

The preferred concept included elements from each concept. The baseball field configuration is similar to that in Concept 1, the soccer field configuration is similar in Concept 2 and the parking lot design borrows from Concept 3. The basketball/pickleball configuration was added after the initial concepts were created as was the adjacent parking area. Other changes made during the final plan preparation included the addition to the Rotary Pavilion, removal of the disc golf recommendation and inclusion of the park entry wayfinding signage. See **Appendix E** for a full-size version of the final plan.

The final plan includes the following features:

- Soccer fields
- Expanded and reconfigured parking lots
- Indoor/outdoor shelter
- Basketball/pickleball courts
- Inclusive playgrounds
- Baseball field improvements
- Pavilion addition
- Fishing pier
- Trail and path network
- Hardscape plaza
- Power upgrades
- Drainage improvements
- Sledding hill



SEE APPENDIX E FOR FULL SIZE GRAPHIC

VII. FUTURE PARK EXPANSIONS

Future expansion of existing parks is possible should adjacent properties become available for acquisition. Expansion opportunities at Lemke Park and Rotary Park could potentially transform either park into a regional facility depending on the facilities constructed in the acquired properties.

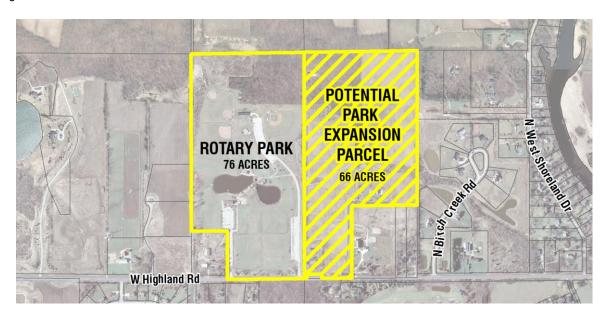
Lemke Park

Opportunity may exist for the future expansion of Lemke Park to the east with the purchase of a 27-acre parcel currently owned by Lemke Seed Farms. At 69 acres the new park would be able to host any number of new facilities and have the potential to develop into a regional park.



Rotary Park

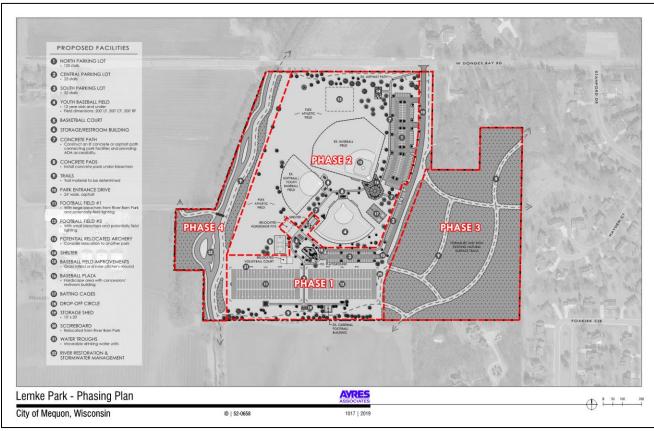
A similar opportunity for expansion would be possible at Rotary Park with the purchase of an adjacent property. Purchase of a 66-acre parcel to the east of the park would bring total park area to 142 acres. As with development at Lemke Park, additional facilities with expansion of this size could potentially make Rotary Park a regional draw.



VIII. PHASING PLANS

This section illustrates potential construction phasing scenarios that could be implemented based on factors such as demand for facilities, site access, cost of construction and other scheduling factors. See **Appendix F** for full size phasing plans.

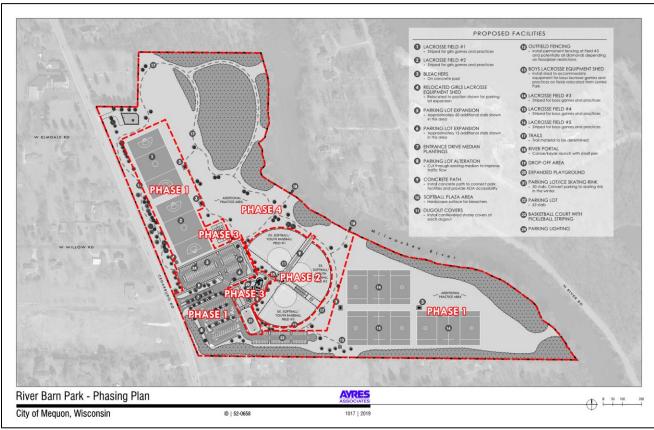
PHASING - LEMKE PARK



SEE APPENDIX F FOR FULL SIZE GRAPHIC

PROPOSED CONSTRUCTION PHASING - LEMKE PARK

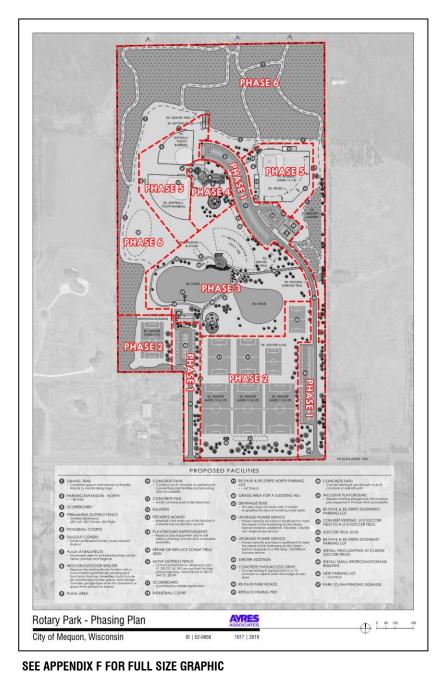
Phase 1	Football improvements, park entry road, parking lots (south & central), relocated volleyball, relocated horseshoes, concrete paths
Phase 2	Baseball field improvements, plaza, concession building, north parking lot, north shelter, concrete paths, relocated archery range, batting cages
Phase 3	Trails, natural area
Phase 4	Trails, river restoration, stormwater management area, bridge



SEE APPENDIX F FOR FULL SIZE GRAPHIC

PROPOSED CONSTRUCTION PHASING - RIVER BARN PARK

Phase 1	Lacrosse improvements, park entry road, parking lots
Phase 2	Baseball improvements
Phase 3	Expanded playground, basketball/pickleball court, expanded parking lot, outdoor ice skating rink, concrete paths
Phase 4	Trails, canoe/kayak launches



PROPOSED CONSTRUCTION PHASING - ROTARY PARK Reconfigure park roads and **Phase** parking lots, basketball 1 court, pickleball courts Soccer improvements, **Phase** restroom/storage building, 2 drainage improvements Pavilion addition, inclusive playground, concrete path Phase network, utility upgrades, 3 drainage improvements, fishing pier Indoor/outdoor shelter, Phase inclusive playground, plaza 4 area **Phase** Baseball improvements **Phase** Trail network, sledding hill

IX. PRELIMINARY BUDGET

A preliminary budget was prepared for the Master Plan as part of this process. This budget reflects 2019 materials and labor estimates and should be verified based on detailed design and engineering when development occurs. Refer to **Appendix A** for the estimate of probable construction costs for each of the preferred concept plans.

Appendix A:

Construction Cost Estimates

COST ESTIMATE

Project: LEMKE PARK	Date: 10/18/2019
Project Number: 52-0658	Estimated by: JW, AO
Cost Estimate Status: PREFERRED CONCEPT	Approved by: BT



IKE PARK - PERFERRED CONCEPT					
ltem	Qty.	Unit	Unit cost	Item Total	Comments
MOBILIZATION	1	LS	\$100,000.00	\$100,000.00	
EROSION CONTROL	1	LS	\$10,000.00	\$10,000.00	
DEMOLITION	1	LS	\$30,000.00	\$30,000.00	
EARTHWORK	1	LS	\$60,000.00	\$60,000.00	
			SUBTOTAL	\$200,000.00	
EMENT					
BASE AGGREGATE DENSE, 1-1/4"	8,040	TN	\$20.00	\$160,800.00	
ENTRANCE DRIVE PARKING LOT	5,045	TN			8"
PATH SYSTEM	2,183	TN			8"
BASKETBALL COURT	261	N			8"
CURB AND GUTTER	551	TN			6"
ASPHALT PAVEMENT	2,766	TN	\$100.00	\$276,600.00	
ENTRANCE DRIVE PARKING LOT	2,630	TN			4"
BASKETBALL COURT	136	TN			4"
PAVED PATH SYSTEM	44,202	SF	\$5.00	\$221,010.00	
TRAIL SYSTEM	57,864	SF	\$2.50	\$144,660.00	8' WIDE AGGREGATE TRAIL
CONCRETE CURB AND GUTTER, 18"	5,008	LF	\$30.00	\$150,240.00	ENTRANCE DRIVE PARKING LOT
PAVEMENT MARKING STRIPING, 4"WHITE	4,535	LF	\$4.00	\$18,140.00	
PAVEMENT MARKING ACCESSIBLE SYMBOLS	10	EA	\$500.00	\$5,000.00	
PAVEMENT MARKING CROSSWALK	Ī	EA	\$2,500.00	\$2,500.00	
			SUBTOTAL	\$978,950.00	
AMMENTIES					
PICNIC TABLES	20	EA	\$1,000.00	\$20,000.00	
BIKE RACK	4	EA	\$1,500.00	\$6,000.00	
BENCH	15	EA	\$1,000.00	\$15,000.00	
TRASH / RECYCLING RECEPTACLES	12	EA	\$500.00	\$6,000.00	
FLAG POLES	2	EA	\$5,000.00	\$10,000.00	
PLAYER BENCHES	10	EA	\$3,000.00	\$30,000.00	
BLEACHERS	7	EA	\$6,000.00	\$42,000.00	
GRAND STANDS	1	EA	\$12,000.00	\$12,000.00	RELOCATED FROM RIVER BARN PARK
DUMPSTER ENCLOSURE	1	EA	\$25,000.00	\$25,000.00	
SHETER	1	EA	\$50,000.00	\$50,000.00	
CONCESSION / RESTROOM BUILDING	1	EA	\$550,000.00	\$550,000.00	
STORAGE / RESTROOM BUILDING	1	EA	\$350,000.00	\$350,000.00	
FOOTBALL STORGE SHED	1	EA	\$10,000.00	\$10,000.00	
RELOCATED FOOTBALL SCOREBOARD	1	EA	\$7,500.00	\$7,500.00	RELOCATED FROM RIVER BARN PARK
RIVER RESTORATION AND STORMWATER MANAGEMENT	1	LS	\$200,000.00	\$200,000.00	
PARKING LOT LIGHTING	20	EA	\$5,000.00	\$100,000.00	
PEDESTRIAN LIGHTING	10	EA	\$3,000.00	\$30,000.00	
SPORTS FACILITY LIGHITNG	10	EA	\$20,000.00	\$200,000.00	
			SUBTOTAL	\$1,663,500.00	
IAGE					•
REGULATORY SIGNS	13	EA	\$300.00	\$3,900.00	
ADA SIGNAGE	10	EA			
CROSSWALK SIGNS	2	EA			
STOP SIGN	1	EA			
WAYFINDING SIGN	10	EA	\$400.00	\$4,000.00	DIRECTIONAL
RULE SIGNS	5	EA	\$500.00	\$2,500.00	-
PARK SIGN	1	EA	\$12,000.00	\$12,000.00	ENTRANCE

SPORT FACILITIES					
BASKETBALL COURT	1	EA	\$20,000.00	\$20,000.00	FURNISH / INSTALL
12 AND UNDER BASEBALL FIELD	1	EA	\$85,000.00	\$85,000.00	
BASEBALL FIELD IMPROVEMENTS	1	LS	\$10,000.00	\$10,000.00	GRASS INFIELD AND RASIED PITCHERS MOUND
BATTING CAGES	2	EA	\$15,000.00	\$30,000.00	
FOOTBALL FIELD	2	EA	\$30,000.00	\$60,000.00	
RELOCATED ARCHERY RANGE	1	LS	\$10,000.00	\$10,000.00	
RELOCATED HORSESHOE PIT	1	LS	\$5,000.00	\$5,000.00	
RELOCATED VOLLEYBALL COURT	1	LS	\$3,000.00	\$3,000.00	CONCEPT 4 ONLY
			SUBTOTAL	\$223,000.00	
UTILTIES					
WATER CONNECTION	1	LS	\$50,000.00	\$50,000.00	
CONNECT TO EXISITNG	1	EA	\$2,000.00	\$2,000.00	
WATER SERVICE, 2"	1,200	LF	\$40.00	\$48,000.00	
SANITARY	1	LS	\$92,000.00	\$92,000.00	
CONNECT TO EXISITNG	1	EA	\$2,000.00	\$2,000.00	
SANITARY SERVICE, 6"	1,500	LF	\$50.00	\$75,000.00	
CLEANOUTS	15	EA	\$1,000.00	\$15,000.00	
SITE ELECTRICAL	1	LS	\$125,000.00	\$125,000.00	
STORM SEWER	1	LS	\$127,500.00	\$127,500.00	
STRUCTURES	10	EA	\$2,000.00	\$20,000.00	LARGE PARKING LOT
PIPE	1,150	LF	\$50.00	\$57,500.00	LARGE PARKING LOT
STORMWATER MANAGEMENT	1	LS	\$50,000.00	\$50,000.00	
			SUBTOTAL	\$394,500.00	
LANDSCAPING					
TREES	150	EA	\$500.00	\$75,000.00	
SHRUBS	40	EA	\$50.00	\$2,000.00	
LAWN RESTORATION	1	LS	\$40,000.00	\$40,000.00	
			SUBTOTAL	\$117,000.00	
			Total	\$3,599,350.00	
			7% Contingency	\$251,954.50	
				\$3,851,304.50	

COST ESTIMATE

Project: RIVER BARN PARK	Date: 10/18/2019
Project Number: 52-0658	Estimated by: JW, AO
Cost Estimate Status: PREFERRED CONCEPT	Approved by: BT



RIVER BARN PARK					
ltem	Otru	Unit	Unit cost	Item Total	Comments
MOBILIZATION	Qty.	LS			Comments
	1		\$65,000.00	\$65,000.00	
EROSION CONTROL	1	LS	\$5,000.00	\$5,000.00	
DEMOLITION	1	LS	\$10,000.00	\$10,000.00	
EARTHWORK	1	LS	\$20,000.00	\$20,000.00	
			SUBTOTAL	\$100,000.00	
AVEMENT					
BASE AGGREGATE DENSE, 1-1/4"	4,713	TN	\$20.00	\$94,260.00	
PARKING LOT	2,885	TN			8"
PATH SYSTEM	1,262	TN			8"
BASKETBALL COURT	261	TN			8"
CURB AND GUTTER	305	TN			6"
ASPHALT PAVEMENT	1,686	TN	\$100.00	\$168,600.00	
PARKING LOT	1,550	TN			4"
BASKETBALL COURT	136	TN			4"
PAVED PATH SYSTEM	25,815	SF	\$5.00	\$129,075.00	
TRAIL SYSTEM	46,848	SF	\$2.50	\$117,120.00	8' WIDE AGGREGATE TRAIL
CONCRETE CURB AND GUTTER, 18"	2,722	LF	\$30.00	\$81,660.00	PARKING LOT
PAVEMENT MARKING STRIPING, 4"WHITE	4,697	LF	\$4.00	\$18,788.00	
PAVEMENT MARKING SYMBOLS	27	EA	\$500.00	\$13,500.00	
ADA PARKING	14	EA	400.00	4.0/000100	
DIRECTIONAL ARROW	13	EA			
PAVEMENT MARKING CROSSWALK	1	EA	\$2,500.00	\$2,500.00	
PAVEMENT MARRING CROSSWALK	'	EA	SUBTOTAL	\$625,503.00	
ITE AMMENTIES			JUBICIAL	\$823,303.00	
			¢1 000 00	£4.000.00	
PICNIC TABLES	4	EA	\$1,000.00	\$4,000.00	
BIKE RACK	4	EA	\$1,000.00	\$4,000.00 \$8,000.00	
	8		\$1,000.00		
BENCH		EA		·	
TRASH / RECYCLING RECEPTACLES	4	EA	\$500.00	\$2,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES	4 1	EA EA	\$500.00 \$5,000.00	\$2,000.00 \$5,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES	4 1 12	EA EA	\$500.00 \$5,000.00 \$3,000.00	\$2,000.00 \$5,000.00 \$36,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS	4 1	EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED	4 1 12	EA EA	\$500.00 \$5,000.00 \$3,000.00	\$2,000.00 \$5,000.00 \$36,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS	4 1 12 7	EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED	4 1 12 7	EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED	4 1 12 7 1	EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL	4 1 12 7 1 1 2	EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING	4 1 12 7 1 1 2	EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING	4 1 12 7 1 1 2	EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING	4 1 12 7 1 1 2	EA EA EA EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00 \$246,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS	4 1 12 7 1 1 2 15	EA EA EA EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00 \$246,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS ADA SIGNAGE	4 1 12 7 1 1 2 15	EA EA EA EA EA EA EA EA EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00 \$246,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING SNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER	4 1 12 7 1 1 2 15	EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00 \$246,000.00	CLEARING, SHORELINE, ETC.
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING CNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS	4 1 12 7 1 1 2 15	EA	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$30,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$30,000.00 \$75,000.00 \$246,000.00	CLEARING, SHORELINE, ETC. DIRECTIONAL
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING CNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN WAYFINDING SIGN	4 1 12 7 1 1 2 15	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$75,000.00 \$246,000.00 \$5,400.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN RULE SIGNS	4 1 12 7 1 1 2 15	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 \$300.00 \$400.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$75,000.00 \$246,000.00 \$1,600.00	DIRECTIONAL
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING SNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN WAYFINDING SIGN	4 1 12 7 1 1 2 15 18 14 2 1 1 1	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 \$300.00 \$400.00 \$400.00 \$500.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$75,000.00 \$246,000.00 \$5,400.00 \$1,600.00 \$2,000.00 \$12,000.00	
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN RULE SIGNS PARK SIGN PARK SIGN	4 1 12 7 1 1 2 15	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 \$300.00 \$400.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$10,000.00 \$75,000.00 \$246,000.00 \$1,600.00	DIRECTIONAL
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN RULE SIGNS PARK SIGN AYGROUND	4 1 12 7 1 1 2 15 18 14 2 1 1 4 4	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL \$300.00 \$500.00 \$500.00 \$12,000.00 \$12,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$30,000.00 \$75,000.00 \$246,000.00 \$5,400.00 \$1,600.00 \$2,000.00 \$12,000.00	DIRECTIONAL
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN RULE SIGNS PARK SIGN LAYGROUND PLAYGROUND EQUIPMENT	4 1 12 7 1 1 2 15 18 14 2 1 1 4 4	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 \$300.00 \$5,000.00 \$5,000.00 \$12,000.00 \$12,000.00 \$12,000.00 \$12,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$30,000.00 \$75,000.00 \$246,000.00 \$1,600.00 \$2,000.00 \$12,000.00 \$21,000.00	DIRECTIONAL
TRASH / RECYCLING RECEPTACLES FLAG POLES PLAYER BENCHES BLEACHERS BOYS LACROSSE EQUIPMENT SHED RELOCATE GIRLS LACROSSE EQUIPMENT SHED RIVER PORTAL PARKING LOT LIGHTING GNAGE REGULATORY SIGNS ADA SIGNAGE CROSSWALK SIGNS DO NOT ENTER STOP SIGN RULE SIGNS PARK SIGN LAYGROUND	4 1 12 7 1 1 2 15 18 14 2 1 1 1 4 4	EA E	\$500.00 \$5,000.00 \$3,000.00 \$6,000.00 \$10,000.00 \$15,000.00 \$5,000.00 SUBTOTAL \$300.00 \$500.00 \$500.00 \$12,000.00 \$12,000.00	\$2,000.00 \$5,000.00 \$36,000.00 \$42,000.00 \$30,000.00 \$30,000.00 \$75,000.00 \$246,000.00 \$5,400.00 \$1,600.00 \$2,000.00 \$12,000.00	DIRECTIONAL

SPORT FACILITIES					
BASKETBALL COURT	1	EA	\$20,000.00	\$20,000.00	FURNISH / INSTALL
DUGOUT COVERS	6	EA	\$15,000.00	\$90,000.00	
OUTFIELD FENCING	1,080	LF	\$30.00	\$32,400.00	
ICE RINK	1	LS	\$15,000.00	\$15,000.00	LINER, BOARDS, ETC.
RETROFIT GIRLS LACROSSE FIELD	2	EA	\$5,000.00	\$10,000.00	NETS, GRADING, ETC.
RETROFIT BOYS LACROSSE FIELD	3	EA	\$5,000.00	\$15,000.00	NETS, GRADING, ETC.
			SUBTOTAL	\$182,400.00	
UTILTIES					
SITE ELECTRICAL	1	LS	\$20,000.00	\$20,000.00	
STORM SEWER	1	LS	\$86,000.00	\$86,000.00	
STRUCTURES	8	EA	\$2,000.00	\$16,000.00	
PIPE	800	LF	\$50.00	\$40,000.00	
STORMWATER MANAGEMENT	1	LS	\$30,000.00	\$30,000.00	
			SUBTOTAL	\$106,000.00	
ANDSCAPING					
TREES	20	EA	\$500.00	\$10,000.00	
LAWN RESTORATION	1	LS	\$40,000.00	\$40,000.00	
			SUBTOTAL	\$50,000.00	
			Total	\$1,400,103.00	
			7% Contingency	\$98,007.21	
				\$1,498,110.21	

COST ESTIMATE

Project: ROTARY PARK	Date: 10/18/2019
Project Number: 52-0658	Estimated by: JW, AO
Cost Estimate Status: PREFERRED CONCEPT	Approved by: BT



DATABY BARY CONCERTS					
ROTARY PARK - CONCEPT 3					
Item	Qty.	Unit	Unit cost	Item Total	Comments
MOBILIZATION	1	LS	\$100,000.00	\$100,000.00	
EROSION CONTROL	1	LS	\$25,000.00	\$25,000.00	
DEMOLITION	1	LS	\$60,000.00	\$60,000.00	
EARTHWORK	1	LS	\$85,000.00	\$85,000.00	
			SUBTOTAL	\$270,000.00	
PAVEMENT					
BASE AGGREGATE DENSE, 1-1/4"	10,702	TN	\$20.00	\$214,040.00	
ENTRANCE DRIVE AND PARKING LOTS	8,171	TN			8"
PATH SYSTEM	1,956	TN			8"
BASKETBALL COURT	575	TN			8"
ASPHALT PAVEMENT	4,572	TN	\$100.00	\$457,200.00	REPAVE ALL EXISTING
ENTRANCE DRIVE AND PARKING LOTS	4,271	TN			4"
BASKETBALL COURT	301	TN			4"
PAVED PATH SYSTEM	40,006	SF	\$4.00	\$160,024.00	
TRAIL SYSTEM	68,216	SF	\$2.50	\$170,540.00	8' WIDE AGGREGATE TRAIL
PAVEMENT MARKING STRIPING, 4"WHITE	7,152	LF	\$4.00	\$28,608.00	
PAVEMENT MARKING ACCESSIBLE SYMBOLS	16	EA	\$500.00	\$8,000.00	
			SUBTOTAL	\$1,038,412.00	
SITE AMMENTIES					
PICNIC TABLES	10	EA	\$2,000.00	\$20,000.00	
BIKE RACK	4	EA	\$1,500.00	\$6,000.00	
BENCH	10	EA	\$1,000.00	\$10,000.00	
TRASH / RECYCLING RECEPTACLES	8	EA	\$500.00	\$4,000.00	
FLAG POLES	2	EA	\$5,000.00	\$10,000.00	
PLAYER BENCHES	22	EA	\$3,000.00	\$66,000.00	
BLEACHERS	4	EA	\$6,000.00	\$24,000.00	
DUMPSTER ENCLOSURE	2	EA	\$25,000.00	\$50,000.00	
FISHING PIER	1	EA	\$8,000.00	\$8,000.00	
BULLPENS	•	LS	\$10,000.00	\$8,000.00	
DUGOUT COVERS		+	-	£00,000,00	
SCOREBOARD	4	EA	\$15,000.00 \$5,000.00	\$90,000.00 \$20,000.00	
	1	EA	-		
INDOOR / OUTDOOR SHELTER	1	EA	\$800,000.00	\$800,000.00	
PAVILION ADDITION / RESTROOM BUILDING	'		\$200,000.00	\$200,000.00	
RESTROOM / STORAGE BUILDING		EA	\$100,000.00	\$100.000.00	
PARKING LOT LIGHTING	24	EA	\$5,000.00	\$120,000.00	
SPORTS FACILITY LIGHITNG	12	EA	\$20,000.00	\$240,000.00	
CICNACE			SUBTOTAL	\$1,668,000.00	
SIGNAGE	10	F.4	£200.00	# E 400.00	
REGULATORY SIGNS	18	EA	\$300.00	\$5,400.00	
ADA SIGNAGE	16	EA			
STOP SIGN	2	EA	*402.22	#0.000.00	DIRECTIONAL
WAYFINDING SIGN	5	EA	\$400.00	\$2,000.00	DIRECTIONAL
RULE SIGNS	4	EA	\$500.00	\$2,000.00	
PARK ENTRY/ WAYFINDING SIGNS	2	EA	\$12,000.00	\$24,000.00	ENTRANCE
REPAIR AND RELOCATE SCHMIT FIELD SIGN	1	LS	\$8,000.00	\$8,000.00	
			SUBTOTAL	\$41,400.00	
PLAYGROUND					
INCLUSIVE PLAYGROUND	1	LS	\$102,280.00	\$102,280.00	NORTH END
PLAYGROUND EQUIPMENT IMPROVEMENTS	1	EA	\$85,000.00	\$85,000.00	
ENGINEERED WOOD FIBER	864	SY	\$20.00	\$17,280.00	12 INCHES
INCLUSIVE PLAYGROUND	1	LS	\$500,540.00	\$500,540.00	SOUTH END
PLAYGROUND CURB	380	LF	\$28.00	\$10,640.00	
PLAYGROUND EQUIPMENT	1	EA	\$300,000.00	\$300,000.00	
POURED IN PLACE SURFACING	9,495	SF	\$20.00	\$189,900.00	
			SUBTOTAL	\$602,820.00	

1	EA	\$20,000.00	\$20,000.00	
Ī	EA	\$20,000.00	\$20,000.00	
1	EA	\$200,000.00	\$200,000.00	
360	LF	\$30.00	\$10,800.00	
	LF	\$30.00		
	LS	\$2,000.00		
1	EA	\$5,000.00	\$5,000.00	
2	EA	\$5,000.00	\$10,000.00	
		SUBTOTAL	\$265,800.00	
1	LS	\$52,000.00	\$52,000.00	
2	EA	\$2,000.00	\$4,000.00	
1,200	LF	\$40.00	\$48,000.00	
1	LS	\$76,000.00	\$76,000.00	
2	EA	\$2,000.00	\$4,000.00	
1,200	LF	\$50.00	\$60,000.00	
12	EA	\$1,000.00	\$12,000.00	
1	LS	\$100,000.00	\$100,000.00	
1	LS	\$180,000.00	\$180,000.00	
15	EA	\$2,000.00	\$30,000.00	
2,000	LF	\$50.00	\$100,000.00	
1	LS	\$50,000.00	\$50,000.00	
		SUBTOTAL	\$408,000.00	
150	EA	\$500.00	\$75,000.00	
75	EA	\$50.00	\$3,750.00	
1	LS	\$60,000.00	\$60,000.00	
		SUBTOTAL	\$138,750.00	
		1		
	1	/% Contingency	\$310,322./4	
	1 1 2 1 2 1,200 1 2 1,200 1 1 1 5 2,000 1 1	1 EA 1 EA 360 LF LF LS 1 EA 2 EA 1,200 LF 1 LS 2 EA 1,200 LF 1 LS 1 LS 1 EA 1,200 LF 1 LS	1 EA \$20,000.00 1 EA \$200,000.00 360 LF \$30.00 LF \$30.00 LF \$30.00 1 EA \$5,000.00 2 EA \$5,000.00 2 EA \$2,000.00 1 LS \$52,000.00 2 EA \$2,000.00 1,200 LF \$40.00 1 LS \$76,000.00 1 LS \$100,000.00 1 LS \$180,000.00 1 LS \$180,000.00 1 LS \$50.00 1 LS \$50.00 1 LS \$50.00 1 LS \$100,000.00 1 LS \$50.00	1 EA \$20,000.00 \$20,000.00 1 EA \$200,000.00 \$200,000.00 360 LF \$30.00 \$10,800.00 LF \$30.00 \$10,800.00 1 EA \$5,000.00 \$5,000.00 2 EA \$5,000.00 \$10,000.00 2 EA \$5,000.00 \$22,000.00 1 LS \$22,000.00 \$10,000.00 2 EA \$5,000.00 \$4,000.00 1 LS \$52,000.00 \$4,000.00 1 LS \$76,000.00 \$48,000.00 2 EA \$2,000.00 \$4,000.00 1 LS \$76,000.00 \$4,000.00 1 LS \$76,000.00 \$12,000.00 1 LS \$100,000.00 \$12,000.00 1 LS \$100,000.00 \$100,000.00 1 LS \$100,000.00 \$100,000.00 1 LS \$50.00 \$30,000.00 1 LS \$50,000 \$100,000.00 1 LS \$50,000 \$100,000.00 1 LS \$50,000 \$100,000.00 1 LS \$50,000.00 \$100,000.00

Appendix B:

Concept Plans – Lemke Park







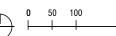












Appendix C:

Concept Plans — River Barn Park



River Barn Park - Concept Plan





River Barn Park - Concept Plan

AYRES ASSOCIATES

0725 | 2019



River Barn Park - Concept Plan

City of Mequon, Wisconsin



Appendix D:

Concept Plans – Rotary Park













240

Appendix E:

Preferred Concept Plans – Lemke Park, River Barn Park & Rotary Park



Lemke Park - Preferred Concept Plan



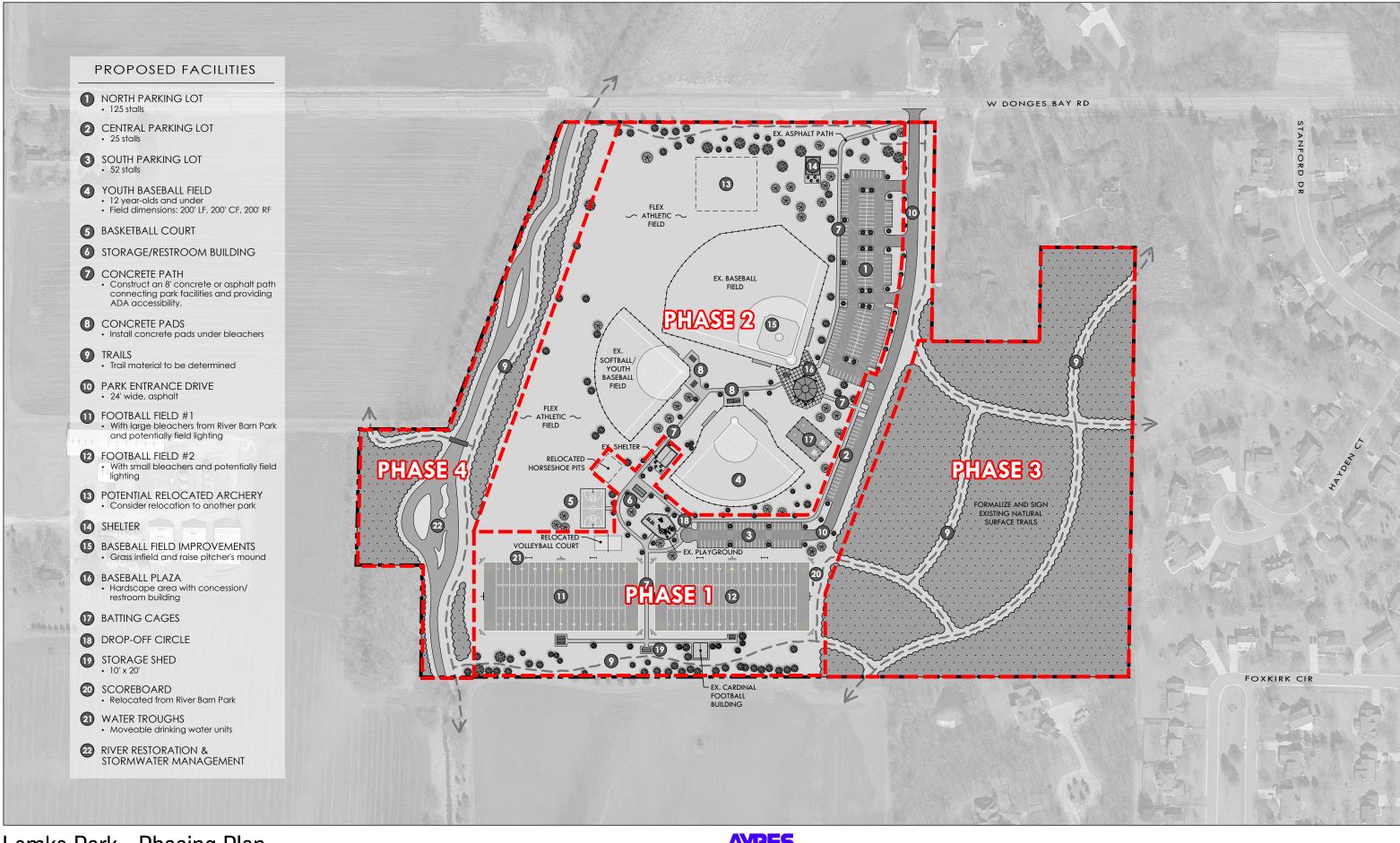






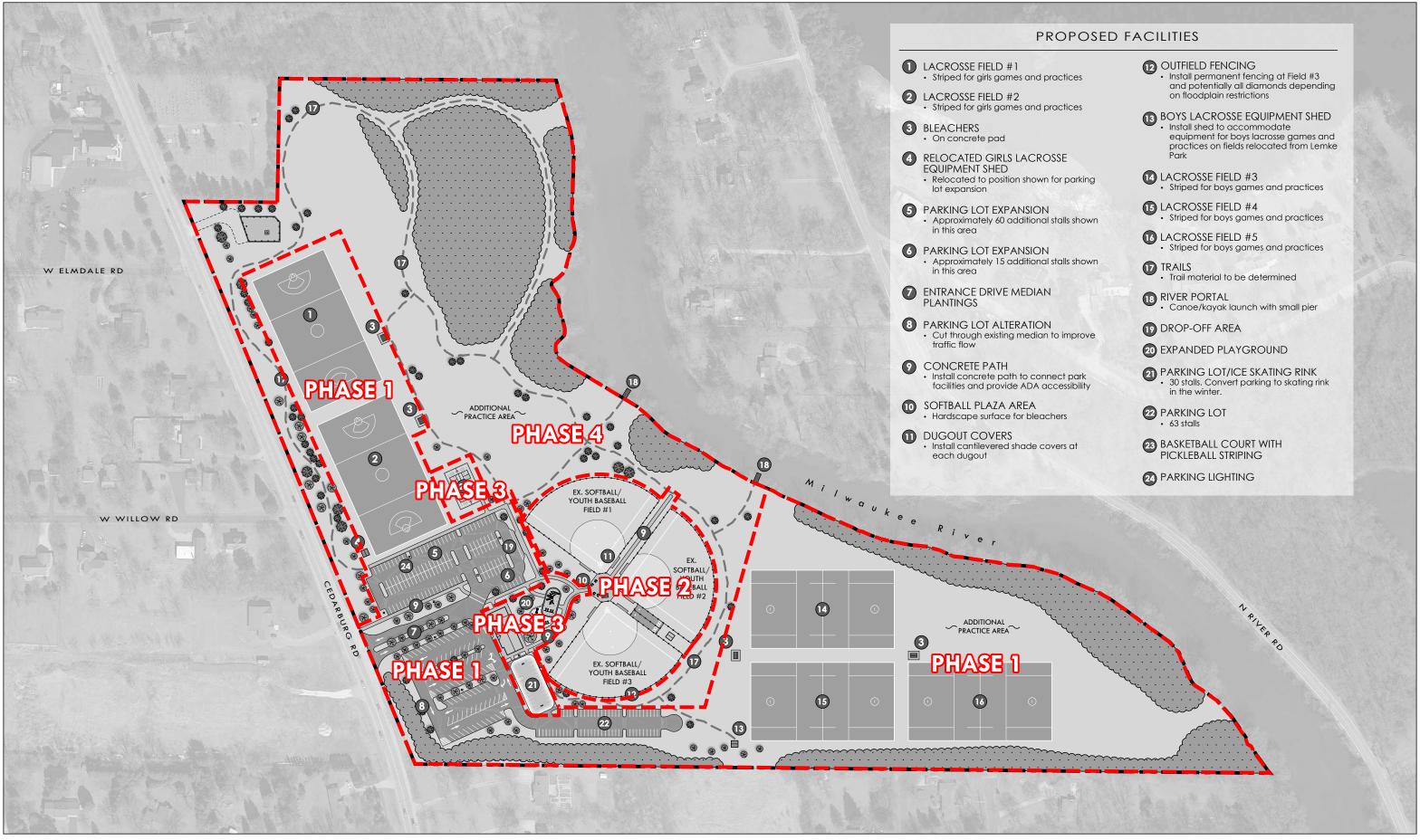
Appendix F:

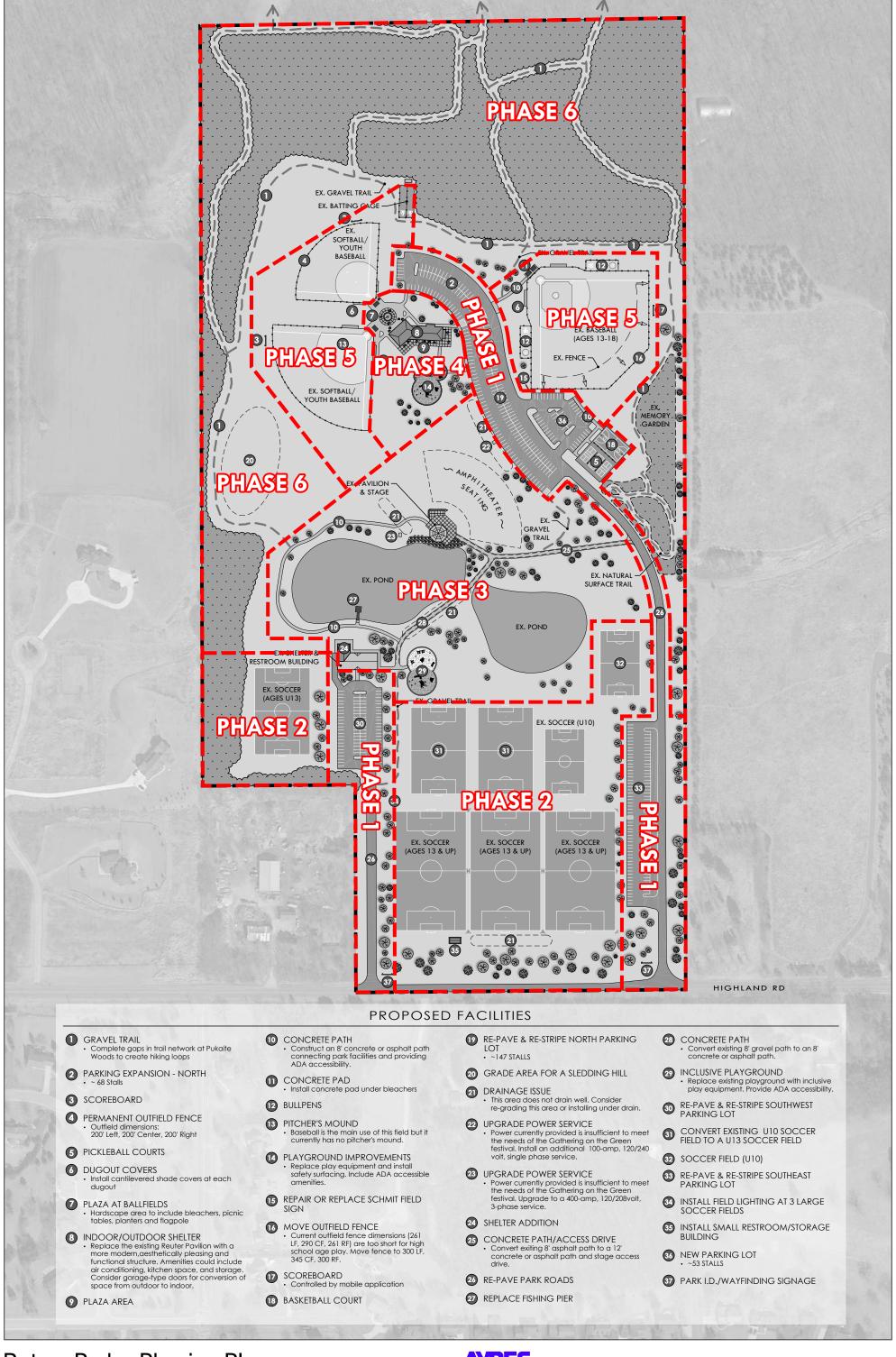
Phasing Plans



Lemke Park - Phasing Plan







240