

**CITY OF LEXINGTON  
WORKSHOP AGENDA  
Thursday, August 16, 2018  
Immediately following Council meeting  
City Hall**

1. Call to Order: Mayor Kurth

2. Roll Call: DeVries – Hughes – Harris - Murphy

3. Discussion Items:

A. Discuss Parks Master Plan

pp. 1-29

4. Staff Input

5. Council Input

6. Adjourn





# Lexington, Minnesota

## Memorial Park & DuWayne Park Master Plans 2015

Prepared by MSA Professional Services, Inc.  
in cooperation with the City of Lexington, MN





## Preface

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## ACKNOWLEDGEMENTS

The following people are responsible for the creation, refinement, and adoption of this Plan

### Mayor

Mark Kurth

### City Council

Mark Kurth, Mayor

Kim DeVries

John Hughes

Carin Payment

Jack Plasch

### Parks Board

Leann Mitlyng, Chair

Marilyn Ames

Michelle Koch

Susan Hylton

### City Staff

Bill Petracek, City Administrator

Tina Northcutt, Finance Director

Jim Fischer, Public Works

Travis Schmid, Public Works

### MSA Professional Services, Inc.

Bruce Woods, PLA, Project Manager

Steve Winter, PE, City Engineer

Doug Borglund, Planner

James Watters, EIT

*Lexington residents, property owners, and business owners attended meetings, reviewed draft materials, and submitted comments that have improved this Plan.*



## Preface

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# CHAPTER 1

## INTRODUCTION

- 1 Background
- 2 Planning Process

The following report is for the Master Plans for Memorial Park and DuWayne Park for the City of Lexington, MN. The purpose of these Master Plans is to provide direction regarding the re-development of Memorial Park and DuWayne Park to satisfy the recreational needs of current and future residents, and to protect and enhance the underlying and sustaining natural resource base of the community. The plan is also intended to be a support document for the fund raising and development of these two parks. These plans will serve as a guide for the long-range development. Specifically the plan provides:

- *An inventory of existing park and recreational facilities at the two parks,*
- *Plans for expanded recreational needs and demands,*
- *Recommendations for improving existing park facilities,*
- *Recommendations for park and open space acquisition and (re)development projects.*

These plans identify locations and recommendations for different types of recreational facilities. More detailed planning, design, engineering, detailed budgeting & phasing will be necessary after adoption of plan. Once the funding is determined, decisions can be made to actually construct the various recreational facilities in the two parks.

### 1.1 BACKGROUND

Recreation planning and design has been an essential component of long-range community planning in Lexington. A primary factor influencing the decision to create these plans stems from the need to provide a long-term vision for the

development of DuWayne Park and provide additional amenities and better organization in Memorial Park. These two parks, once constructed, will provide valuable recreational enhancements in the community.

Further reason for creation of these Master Plans involves becoming eligible for grant aids for park development and open space acquisition.

### 1.2 PLANNING PROCESS

In 2014, the City of Lexington requested the assistance of MSA Professional Services, Inc. to create Master Plans for both Memorial Park and DuWayne Park. Preparation and adoption of this plan occurred over a six month period. Oversight for the project was provided by City staff & the Parks Committee. The Committee met three times with the planning consultant to provide two concept designs for each park and then final plans for each park with design and cost estimates for both parks. Early in the planning process the consultant facilitated two community open houses to gather citizen feedback on desired public park and recreational facilities and improvements. During the first meeting we went over the existing conditions at each park and discussed how the parks were currently used, what was not being used and what was used the most and what they wanted in the park that wasn't there now.

### 1.3 REGIONAL CONTEXT

The City of Lexington (pop. 2019) is located in Anoka County in the northern suburbs of the Twin Cities metropolitan area in Minnesota. The City is surrounded by the City of Blaine on the north, west and south sides. On the east side is The City of Circle Pines.



### PROJECT MILESTONES

August 4, 2014	Park & Recreation Meeting #1 (site visits & existing conditions review)
August 4, 2014	Public Information Meeting #1 (w/ Parks Commission)
October 6, 2014	Park & Recreation Meeting #2 (2 conceptual designs for each park)
November 3, 2014	Park & Recreation Meeting #3 (review d&d plans for each park)
February 2, 2015	City Park Board Meeting (Adoption)
February 19, 2015	City Council (Adoption)





## CHAPTER 2

# EXISTING CONDITIONS

- 1 Wetlands
- 2 Forests & Woodlands
- 3 Existing Facilities - Memorial Park
- 4 Existing Facilities - DuWayne Park

Currently, the City of Lexington owns and manages three parks. Tot Park is a small neighborhood park that was built in the last couple of years and is in great condition and sees a lot of activity from families with small children. The following chapter details the existing conditions in Memorial Park & DuWayne Park.

### 2.1 WETLANDS

Wetlands are areas in which water is at, near, or above the land surface and which are characterized by both hydric soils and by the hydrophytic plants such as sedges, cattails, and other vegetation that grow in an aquatic or very wet environment. Wetlands are nature's filters and sponges. They temporarily store floodwaters, filter pollutants from surface waters, control erosion and sediment, supply surface water flow and recharge groundwater supplies, and provide habitat for wildlife.

The area directly north of Memorial Park is a designated wetland and is protected from any type of development. It serves as a sanctuary for wildlife. The forested areas within the park on the west end have saturated soils after major rain events, but then it dries out. The majority of the park is dry and not susceptible to flooding.

### 2.2 FOREST & WOODLANDS

Under good management, forests, or woodlands, can serve a variety of beneficial functions. Unfortunately, woodlands, which require a century or more to develop, can be destroyed through mismanagement in a comparatively short time. The destruction of woodlands, can contribute to storm water runoff, the siltation of wetlands and the destruction of wildlife habitat.

Woodlands can and should be maintained for their total values; for scenery, wildlife habitat, open space, education, recreation, carbon sequestration, and air and water quality protection.

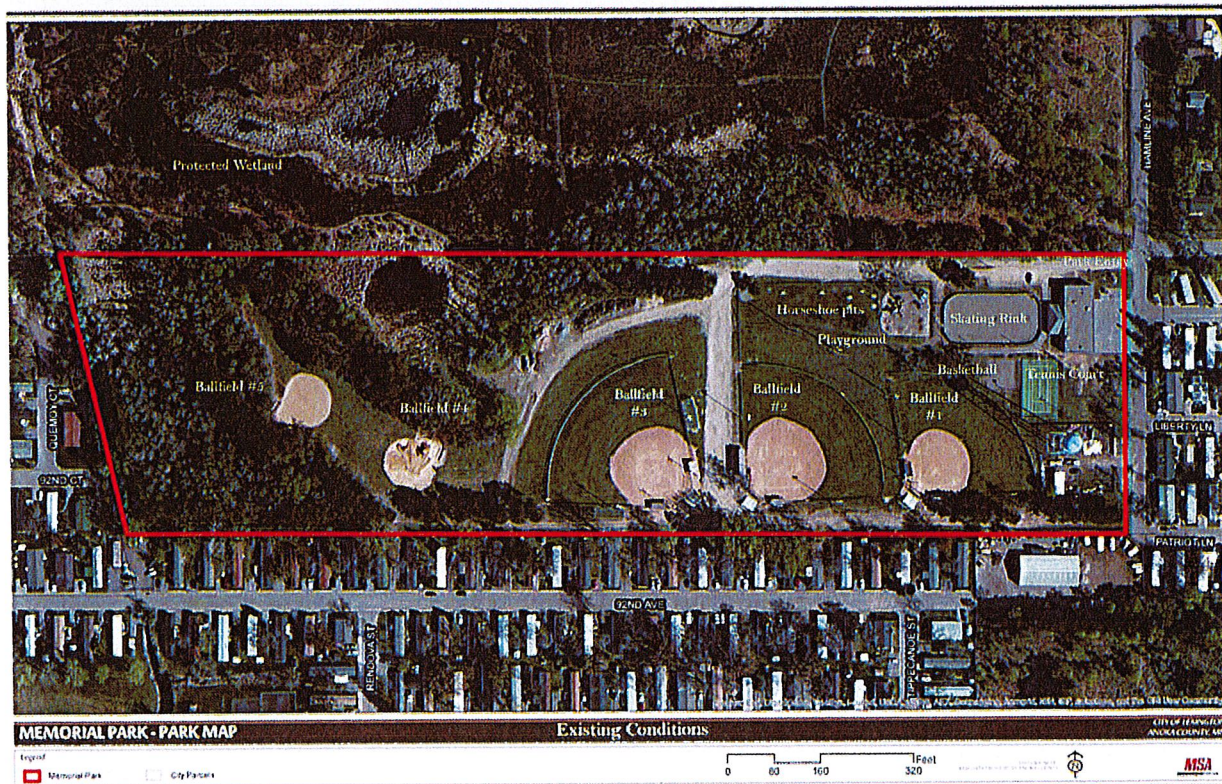
### 2.3 EXISTING FACILITIES IN MEMORIAL PARK

- Ice Skating Rink that is in poor condition and has not been used for the past six years due to cost of operations.
- A half basketball court in fair condition.
- Tennis court in fair condition.
- Playground with two climbing structures with slides in good condition.
- Two sets of swings in good condition.
- Two horse shoe courts in poor condition.
- Concrete picnic tables in fair condition.
- A number of benches placed around the park are in fair condition.
- Three little league fields with dugouts, bleachers, two batting cages, one shelter building by field #2, all in good condition.
- A combination concession stand and restrooms in poor condition.
- Two t-ball fields with backstops in good condition.
- The western end of the park is primarily wooded with a long, wide lane of turf where the t-ball fields are located.
- The roads in the park recently had an overlay of asphalt put down on the gravel roads that have existed in the park for a long time.
- There are no designated parking areas. Parking currently uses the lawn areas around ballfield 2 & 3 and any place else they can find if it becomes crowded.



## Chapter 2 Existing Conditions

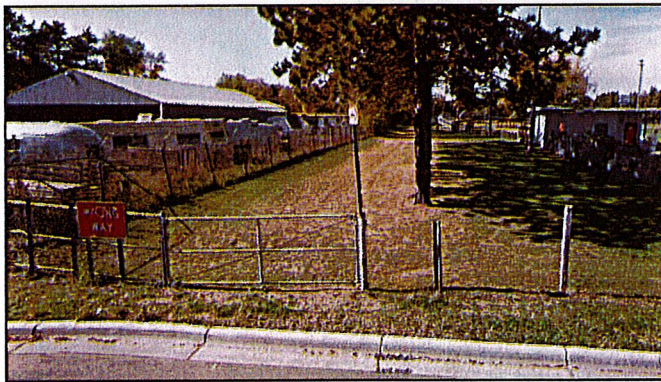
### Memorial Park Existing Conditions Aerial Photos







Entrance road into Memorial Park. The apron is paved with asphalt with concrete curb and gutter. The apron surfacing is what will be used throughout the park when it is re-developed.



This is the existing service road and gate off of Hamline Ave. The service drive is not paved and due to shadows from the pine trees and being driven on by vehicles, the turf is not doing well



The existing skating rink is in very poor condition and has not been used for over 6 years. The boards are not in good shape and the asphalt is cracked.



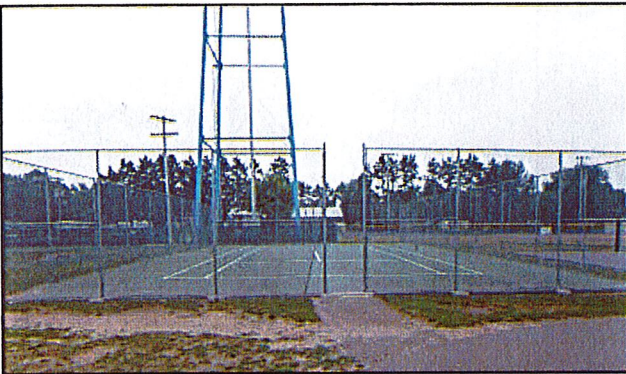
One of the playground sets that is blue is relatively new and in good condition. The other playground set in the back ground is older and may need to be replaced or repaired when renovations take place.



## Chapter 2 Existing Conditions



Two sets of horse shoe pits with benches for spectators. These have not been used very much over the past several years.



The existing tennis court is in need of repair and has not been used much over the past few years and the net seems to get destroyed shortly after being put up.



The half court basketball court is in fairly good condition and is used fairly regularly, but is small.



The existing concrete picnic tables with both a trash container and a recycling container.





Entrance road to park and the road that goes between ball field #2 & ball field #3. Last year there was an overlay of asphalt gravel placed over the older dirt roads to keep the dust down.



The road in between field #2 & field #3 with the shelter building for spectators next to field #2.



The existing concession stand, restrooms & storage building. This building is in need of renovation so that it can better serve the park.



Ball field #3 with outfield fence and lights for playing at night.



## Chapter 2 Existing Conditions



On the west end of the park is a large forested area with a large swath of turf that runs northwest through the wooded area. In this area there are two T-ball fields with backstops.



This is a view to the north of the protected wetlands that attracts many species of birds and other animals throughout the year.

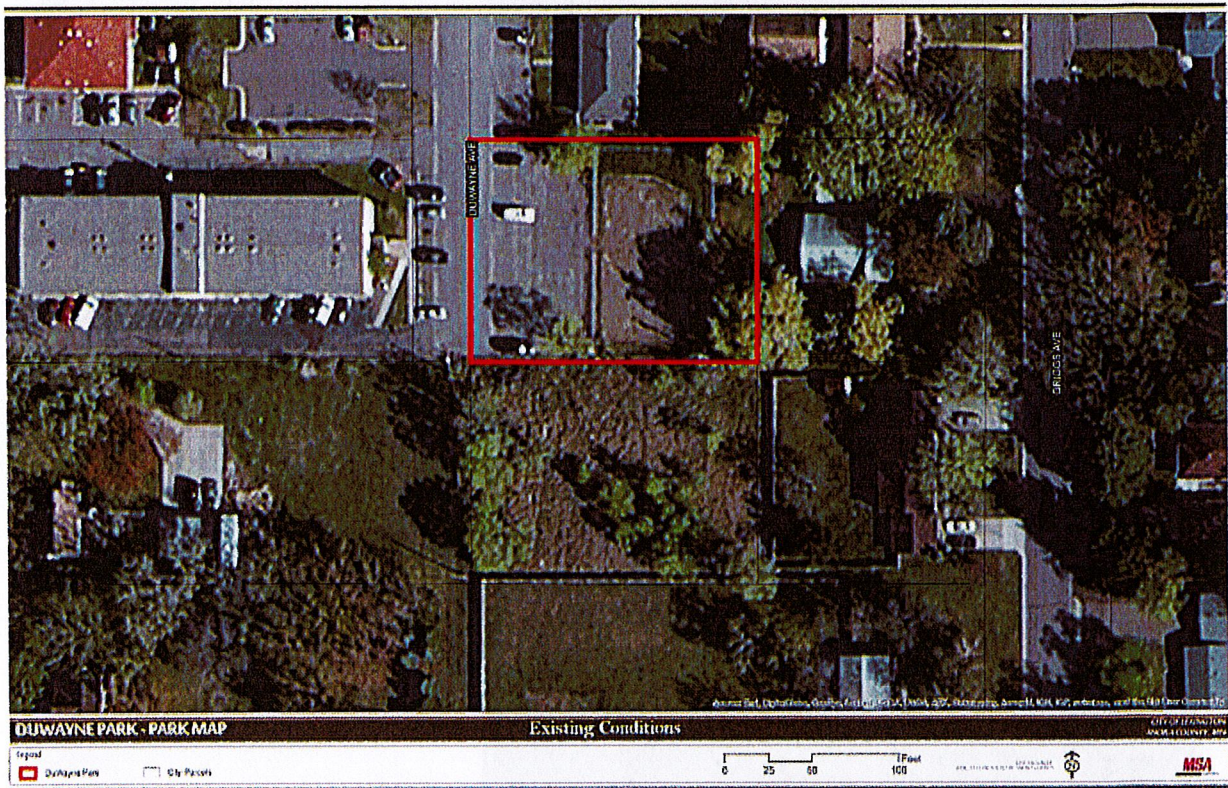


## 2.4 EXISTING FACILITIES IN DUWAYNE PARK

The DuWayne Park property is shown below and almost half of the property is paved and used as a parking lot for the surrounding apartment buildings.

- Currently there is a volleyball net and sand court in the middle of the park with timber around the north end due to the elevation change.
- The park is fenced in with a gate at the street and another gate to the north.
- This park is not used much and does not offer any amenities for young families.

### Existing Conditions Aerial Photograph





## Chapter Existing Conditions



This photo was taken from the north east corner looking southwest. The volleyball net and court can be seen as the only equipment in the park.



There is a parking lot that is 40-50' deep adjacent to the road. This area is all part of the city property where the park exists. It is used by neighbors for parking cars and other non-park like activities.



In this photo you can see how deep from the road the parking lot is in front of the park. By getting rid of most of the asphalt, the park will almost be doubled in size.





## CHAPTER 3

# RECOMMENDATIONS

- 1 Memorial Park
- 2 DuWayne Park
- 3 DuWayne Park (Phase II)

The following chapter documents proposed changes to the park and recreational facilities for Memorial Park and DuWayne Park.

### 3.1 MEMORIAL PARK

Below are descriptions of proposed changes to the facilities and activities at this site.

#### Facilities to be removed

- The existing skating rink should be removed since it no longer functions well and it has not been used for many years. This will allow for other facilities to be put in this space.
- The existing half court basketball court should be removed. The backboard can be retained and moved to the tennis court area that will become the new basketball court.
- The net and posts should be removed from the tennis court and a new surface put in place for this space to become a basketball court. With the existing fence to remain, it will become a larger court that could accommodate another backboard so that a full court (smaller than regulation) can use the old tennis court.
- The horseshoe courts should be removed since they are rarely used and this will open up space for a new location for the t-ball fields.

#### Facilities to be moved

- The playground is proposed to be moved east of where it is currently located so that it is closer to the shelter on the back of the Public Works building. The playground equipment is still in pretty good shape and can be moved as well.
- The two t-ball fields that are on the west end of the park and tucked into the woodland edge should be moved over by the other ball fields as shown on the plans into an area where there is more open space and the bugs won't be as bad.
- The batting cage on the first base line of field #3 should be moved over to the first baseline of field #2.
- The outfield fences on fields #2 & 3 should be moved in to the 200 foot line from home plate. This will then make ball fields #1, 2 & 3 the same size.
- The lights that illuminate the fields will then need to be moved into the proper position for the new outfield fences.

#### Facilities to be improved

- The entry drive through the park should be paved with asphalt and be 24" wide. The parking stalls off of the road should be 22' deep to allow room for larger vehicles and keep the road clear. The road will have a raised curb along it with cut outs to allow storm water to move in the right direction.



## Chapter 3 Recommendations

- The access road to the restrooms and concession stand should be 16' wide to allow delivery and service vehicles to enter but deter patrons from driving down this section of road.
- There will be speed bumps placed at key locations throughout the park to keep speeds down.
- The service road on the south side of the park should also be asphalt for durability and to keep dust down. This road is 12 ft. wide and is only for service vehicles, pedestrians & bicycles.
- The existing concession stand/restroom building should be gutted and rebuilt as the concession stand only. The restrooms will be in a new building.
- Wood chip walking trails can be built through the wooded area on the west end of the park as shown on the plans. The paths should be marked on the ground so that the removal of trees will be minimal and the trees that are removed can be chipped up and used to cover the path creating a nice walking surface through the forested areas of the park.



### New Facilities to be added

- A storm water control pond to manage storm water coming off of the new paved surfaces
- 118 paved parking stalls
- A new restroom building between ball fields 2 & 3, with storage room for plumbing equipment and supplies
- A picnic shelter with restrooms with two stalls per bathroom, 4 total
- Water fountains at the picnic shelter, main restrooms, and the concession stand
- Permanent charcoal grills at the concession stand and picnic shelter
- A new shelter building on the first base side of ball field #3 to match the existing shelter on field #2
- A new shelter building on the west end of the park next to the natural playgrounds
- A new shelter building at the wetland/wildlife overlook
- New tree plantings throughout the park as shown on the plans
- A paved bike/ped trail from the west end of the service drive around the west end of the park up to the northwest corner of the property. From there make a connection over to Naples Street NE.
- Woodchip trails through the woodland areas opening up the woodlands for walking and exploration
- Natural playgrounds at the edge of the woodlands on the west end of the park using trees that were cut to make trails, large stones, small elevated mounds and plantings of tall grasses
- Fibar safety surface under all playgrounds in the park
- Two gates in the fence along the south property line should be placed to allow access from the housing to the south (shown on plans)
- Two 6' wide paved walking paths from the service drive to the playground area and picnic shelter
- New and existing picnic tables to be strategically placed around park where needed
- A football field for 2nd and 3rd graders (40'x100', including end zones) in the outfield of field #3



## Recommendations Chapter 3



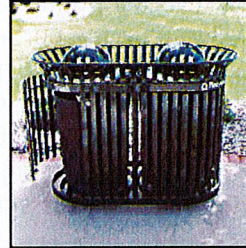
Polygon wood 24' x 36' shelter to be placed by ballfield #3



Polygon - 20' x 21' shelter for the wetland picnic area and by the natural playgrounds on the west end of the park



Concrete picnic tables



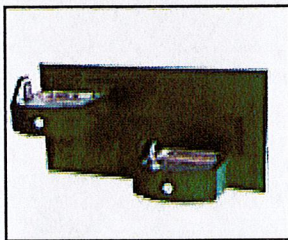
Thomas Steele - recycling & litter receptacle



48" Charcoal grills, two at the concession stand & one at the picnic shelter



Thomas Steele - Carnival Bench



Murdoch model GSD75-BP6 drinking fountain



Natural playground materials - tree trunk with branches



Large boulders for climbing in the natural playground



Native grasses to play in around the play area



Mounds for play in the natural playground







## 3.2 DuWayne Park

Below are descriptions of proposed changes to the facilities and activities at this site.

### Facilities to be removed:

- Volleyball net and poles
- Timbers in the park that hold a grade change
- All of the asphalt within the park property

### Facilities to be moved:

- The existing chain link fence should be removed during construction and then used to enclose new park with new chain link where needed

### New Facilities to be added:

- Burke-100-74699-1 Custom Play Structure as specified by St. Croix Recreation Company, Inc., Stillwater, MN
- Swing set as specified by St. Croix Recreation Company, Inc., Stillwater, MN
- Fibar safety surface under the entire playground
- Dead tree and large stones for natural play area
- Thomas Steele – Carnival 6 ' benches
- Polygon Picnic Shelter – 20' x 20' – SQR-20TG
- 2 permanent charcoal grills, one small one large
- 2-3 picnic tables under shelter
- Stand alone water fountain
- Basketball court – 30' x 70' with two backboards
- 5 parking spaces plus one handicap space on north side and against the street
- Expanded chain link fence around entire park with two gates. Some old and some new fence
- Sidewalk from the street into the park and connected to concrete base for the shelter. Part of walk to be in colored concrete
- New benches and trash & recycling receptacles
- 9 new shade trees, 4 intermediate size trees & 4 fruit trees

- Perennial planting beds next to the playground and the shelter
- Community garden plots (8) – 4' x 10' x 2' ht. with planting soil
- Motion sensor light to illuminate park

## 3.3 DuWayne Park (Phase II)

The property to the south of the existing park will have to be purchased prior to anything happening in this phase. This will be the largest expense in expanding the park into the lot to the south.

### Facilities to be removed:

- Clear & grub entire lot and grade for storm water

### New Facilities to be added:

- Enlarge basketball court to full size, 50' x 94'
- Excavate area for playground as shown on plans and build a small mound next to the playground with the excavated soil
- Three small playground pieces of equipment – Swift Spinner, Comet II & 2 seat rocker as specified by St. Croix Recreation Company, Inc., Stillwater, MN
- Large rocks, grass mound & perennial grasses
- A willow hut that can be built by the local community.
- Fibar safety surface under the entire playground
- 24 community garden plots-4' x 10' x 24" ht. with a 4' critter proof fence surrounding the garden with two gates
- 11 fruit trees of various kinds
- Thomas Steele – Carnival 6 ' benches
- Thomas Steele – Double litter & recycling receptacles
- Chain Link Fence to surround phase II of the park on three sides, connected to phase I.



## Chapter 3 Recommendations

### DUWAYNE PARK MASTER PLAN SUMMARY

DuWayne Park as it exists today does not offer recreation for young families. The city wants to improve the park so that it becomes a destination for the neighborhood for young families and old. The installation of playground equipment for children along with a park shelter for shade and having family gatherings will be a great asset to the community. The includes things for all ages from the playground to a basketball court and also community garden plots for people to grow their own vegetables.

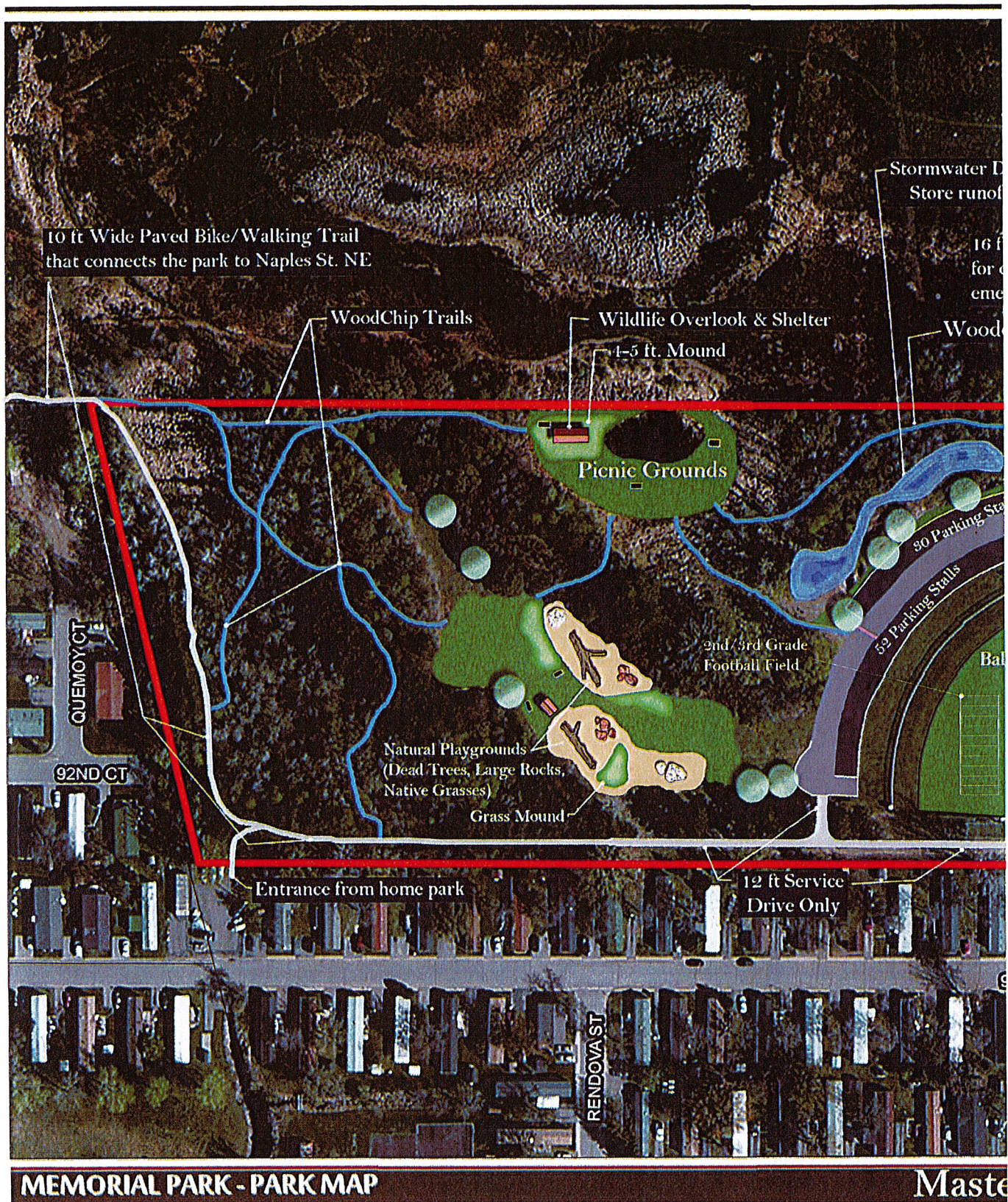




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## Appendix A















## Phase I & Phase II

CITY OF LEXINGTON  
ANOKA COUNTY



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### COMPLYING WITH THE AMERICANS WITH DISABILITIES ACT

*The ADA, enacted in 1990, clearly states the right of equal access for persons to local government services, including parks. On September 15, 2010 the Department of Justice published revised final regulations implementing the Americans with Disabilities Act. The 2010 Standards included new provisions for accessible design for recreational facilities such as playgrounds, swimming pools, fishing and golf facilities. Similar to when the original 1991 ADA Standards were adopted for public buildings, a community is required to complete a self-evaluation of their recreational facilities for ADA compliance by March 15, 2012. Those communities with 50 or more full or part-time employees are also required to develop a Transition Plan, which identifies what corrective work will be completed, when it will be completed, and the individual responsible for the corrective work. Any new recreational facilities designed, constructed, or shaped after March 15, 2012 are subject to the 2010 Standards. Any alteration (not simple maintenance, but something that changes the way the site is used) must make the element altered accessible and must create an accessible path of travel through the site or facility to that element.*

*There are some fundamental differences in how accessibility in the outdoors is accommodated compared to indoors or the built environment. While rest rooms, shelters, interpretive centers, and parking lots, for example, need to follow detailed ADA guidelines, other improvements such as trails or swimming beach areas, for example, do not necessarily need to follow indoor or built environment ramp grades or surfacing requirements. A good rule of thumb for the Village to follow is that anything constructed must not make the outdoor experience anymore difficult than what occurs naturally. Mother Nature does not have to comply with ADA, but the Village does.*

*(source: [www.ada.gov](http://www.ada.gov))*



# Appendix D

## Memorial Park Cost Estimates for Construction of Various Components

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE
<b>EAST END OF PARK DEVELOPMENT</b>					
1.	24' wide paved roadway 3" Bituminous	727	TON	\$ 100.00	\$ 72,660.00
2.	Parking stalls 118 - 22' deep x 9' wide, 3" Bituminous	432	TON	\$ 100.00	\$ 43,223.00
3.	7" Gravel Subbase for Roadway, Parking Stalls, and Service Drive	3,378	TON	\$ 20.00	\$ 67,552.00
4.	6' Wide Concrete Walking Path	185	SY	\$ 100.00	\$ 18,500.00
5.	Curb	2,364	LF	\$ 15.00	\$ 35,460.00
6.	Removal of ice skating rink & related materials	1	LS	\$ 10,000.00	\$ 10,000.00
7.	Remove playground equipment and move to new area	1	LS	\$ 2,300.00	\$ 2,300.00
8.	Place Fibar base material around playground	1	EACH	\$ 2,500.00	\$ 2,500.00
9.	Resurface tennis court for basketball court, 1" Bituminous	38	TON	\$ 100.00	\$ 3,750.00
10.	Picnic shelter w/bathrooms	1	EACH	\$ 180,000.00	\$ 180,000.00
11.	Sanitary Sewer Manhole	1	EACH	\$ 3,200.00	\$ 3,200.00
12.	4" Sanitary Sewer Service	100	LF	\$ 65.00	\$ 6,500.00
13.	8" Sanitary Sewer	400	LF	\$ 65.00	\$ 26,000.00
14.	Connect to Existing Sanitary Sewer Manhole	1	LS	\$ 5,000.00	\$ 5,000.00
15.	RJ Thomas Mfg-Charcoal grills C2-36 Series @ Picnic Shelter	1	EACH	\$ 420.00	\$ 420.00
16.	Picnic Tables - Concrete	4	EACH	\$ 950.00	\$ 3,800.00
17.	Murdoch model GSD75-BP6- Drinking Fountain - shelter	1	EACH	\$ 1,200.00	\$ 1,200.00
18.	6" Water Main	450	LF	\$ 65.00	\$ 29,250.00
19.	Water Service to Restrooms and Meter	1	LS	\$ 2,000.00	\$ 2,000.00
20.	Connect to Existing Water Main	1	LS	\$ 2,200.00	\$ 2,200.00
21.	Large Canopy Trees (2-2.5" cal.)	30	EACH	\$ 500.00	\$ 15,000.00
22.	12' wide service drive (approx. 1300')	289	TON	\$ 100.00	\$ 28,860.00
<b>BALLFIELDS RELATED DEVELOPMENT</b>					
1.	Move ballfield #4 & #5 to new area	2	LS	\$ 3,200.00	\$ 6,400.00
2.	Move outfield fences on field 2 & 3 in to 200' from home plate	750	LF	\$ 15.00	\$ 11,250.00
3.	Move lighting poles to proper location	5	EACH	\$ 750.00	\$ 3,750.00
4.	New light poles	10	EACH	\$ 1,900.00	\$ 19,000.00
5.	Renovate existing building to a concession stand & storage only	1	EACH	\$ 60,000.00	\$ 60,000.00
6.	New Restroom building & storage/plumbing to building (26'x 32')	1	EACH	\$ 250,000.00	\$ 250,000.00
7.	Sanitary Sewer Manhole	1	EACH	\$ 3,200.00	\$ 3,200.00
8.	4" Sanitary Sewer Service	200	LF	\$ 65.00	\$ 13,000.00
9.	Connect to Existing Sanitary Sewer Manhole	1	LS	\$ 5,000.00	\$ 5,000.00
10.	New Shelter building by ballfield #3	1	EACH	\$ 31,000.00	\$ 31,000.00
11.	Relocate batting cage from field #3 to # 2	1	LS	\$ 500.00	\$ 500.00
12.	RJ Thomas Mfg-Charcoal grills D2-48 Series @ concession stand	2	EACH	\$ 625.00	\$ 1,250.00
13.	Murdoch model GSD75-BP6- Drinking Fountain	2	EACH	\$ 1,200.00	\$ 2,400.00
14.	6" Water Main	200	LF	\$ 65.00	\$ 13,000.00
15.	Water Service and Meter	1	LS	\$ 2,000.00	\$ 2,000.00
16.	Connect to Existing Water Main	1	LS	\$ 2,200.00	\$ 2,200.00
17.	PAK Unlimited, inc.-Screen-5'8"x900' along chain link fence-ballfields	1	EACH	\$ 2,500.00	\$ 2,500.00
<b>WEST END OF PARK DEVELOPMENT</b>					
1.	Creation of a new stormwater detention pond	1	EACH	\$ -	\$ -
2.	10' wide paved bike/walking trail (approx. 1280')	237	TONS	\$ 100.00	\$ 23,680.00
3.	5" Gravel Subbase for Bike/Walking Path	448	TONS	\$ 20.00	\$ 8,960.00
4.	When T- ball fields are moved excavate for playground material	750	CY	\$ 10.00	\$ 7,500.00
5.	Large boulders for natural playground	9	EACH	\$ 150.00	\$ 1,350.00
6.	Large dead trees for playground	2	EACH	\$ 2.00	\$ 4.00
7.	Mounds built from excavated materials	750	CY	\$ 5.00	\$ 3,750.00
8.	Shelter Building (20' x 20') by Natural Playgrounds	1	EACH	\$ 21,000.00	\$ 21,000.00
9.	Layout woodchip trails (MSA to layout trails)	1	EACH	\$ 2,800.00	\$ 2,800.00
10.	Clearing and Grubbing for Woodchip Trails	0.5	ACRE	\$ 5,000.00	\$ 2,500.00
11.	Remove trees only where necessary for trail development	1	EACH	\$ 50.00	\$ 50.00
12.	Removal of invasive species in woodland (cutting, removal &	0.5	ACRE	\$ 5,000.00	\$ 2,500.00
13.	Shelter building (20' x20') at wildlife overlook/ no elec. or water	1	EACH	\$ 21,000.00	\$ 21,000.00
14.	Picnic Tables	3	EACH	\$ 950.00	\$ 2,850.00
15.	Large Canopy Trees (2-2.5" cal.)	10	EACH	\$ 500.00	\$ 5,000.00
		Estimated	Costs		\$ 1,088,769.00

Memorial Park Cost Estimate-1-22-2015.xlsx  
Engineer's Estimate



## DuWayne Park Cost Estimates for Construction of Various Components

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE
<b>DuWayne Park Cost Estimate-Phase I</b>					
1.	Burke-100-74699-1 Custom Play Structure	1	EA	\$ 47,994.00	\$ 47,994.00
2.	Basket ball out fit	2	EA	\$ 1,306.00	\$ 2,612.00
3	Swing set as per St. Croix Recreation Company	1	EA	\$ 3,800.00	\$ 3,800.00
4	Freight & installation	1	EA	\$ 7,400.00	\$ 7,400.00
5	Excavate 1 ft. of soil for playground mounds	220	CY	\$ 10.00	\$ 2,200.00
6	Fibar Systems-Playground surfacing systems in excavated area	220	CY	\$ 28.00	\$ 6,160.00
7	Fibar drainage system	1,980	SF	\$ 1.00	\$ 1,980.00
8	Polygon Picnic Shelter-20'x20' - SQR-20TG	1	EA	\$ 15,050.00	\$ 15,050.00
9	Concrete pad for shelter 40'x45'	200	SY	\$ 100.00	\$ 20,000.00
10	Sidewalk 6' wide w/colored concrete	37	SY	\$ 175.00	\$ 6,475.00
11	Thomas Steele - Carnival 6' bench -CRB-6-VS-P	4	EA	\$ 1,200.00	\$ 4,800.00
12	Thomas Steele - Carnival double litter receptacles	1	EA	\$ 2,400.00	\$ 2,400.00
13	RJ Thomas Mfg.-24" charcoal grill - B-24 series	1	EA	\$ 320.00	\$ 320.00
14	RJ Thomas Mfg.-36" charcoal grill - C2-36 series series	1	EA	\$ 473.00	\$ 473.00
15	Murdoch Model M-43C - stand alone drinking fountain	1	EA	\$ 1,600.00	\$ 1,600.00
16	Water Service and Meter	1	LS	\$ 2,000.00	\$ 2,000.00
17	Connect to Existing Water Main	1	LS	\$ 2,200.00	\$ 2,200.00
18	Community garden plots 4' x10' x 24"ht.)(lumber & soil mix)	8	EA	\$ 165.00	\$ 1,320.00
19	4 ft. critter proof fence	100	LF	\$ 5.50	\$ 550.00
20	Fence posts for garden	16	EA	\$ 9.00	\$ 144.00
21	Large boulders (found locally)	4	EA	\$ 225.00	\$ 900.00
22	Perennial grasses and wildflowers	235	EA	\$ 12.00	\$ 2,820.00
23	Large shade trees	9	EA	\$ 650.00	\$ 5,850.00
24	Intermediate trees	7	EA	\$ 450.00	\$ 3,150.00
25	Fruit Trees	4	EA	\$ 245.00	\$ 980.00
26	Large dead tree trunk for natural playground	1	EA	\$ 250.00	\$ 250.00
27	Basketball court (30' x 70')	13	TON	\$ 100.00	\$ 1,300.00
28	Removal of asphalt and base material	550	SY	\$ 10.00	\$ 5,500.00
29	Common Excavation	370	CY	\$ 10.00	\$ 3,700.00
30	Curb & gutter along parking and road into park	200	LF	\$ 15.00	\$ 3,000.00
31	Fence removal	130	LF	\$ 3.00	\$ 390.00
32	New chain link fence with two gates installed (9 guage)	500	LF	\$ 7.50	\$ 3,750.00
<b>TOTAL ESTIMATED COSTS</b>					<b>\$ 161,068.00</b>
<b>DuWayne Park Cost Estimate-Phase II</b>					
1	Purchase Property	1	LS	\$ 69,999.00	\$ 69,999.00
2	Community garden plots 4' x10' x 24"ht.)(lumber & soil mix)	24	EA	\$ 165.00	\$ 3,960.00
3	Thomas Steele - Carnival 6' bench -CRB-6-VS-P	4	EA	\$ 1,200.00	\$ 4,800.00
4	Thomas Steele - Carnival double litter receptacles	1	EA	\$ 2,400.00	\$ 2,400.00
5	4 ft. critter proof fence	180	LF	\$ 5.50	\$ 990.00
6	Fence posts for garden	28	EA	\$ 9.00	\$ 252.00
7	Fruit Trees	11	EA	\$ 245.00	\$ 2,695.00
8	Enlarged basketball court	17	TON	\$ 100.00	\$ 1,700.00
9	Move existing baketball posts and backboard	2	EA	\$ 325.00	\$ 650.00
10	Large Boulders (found locally)	3	EA	\$ 225.00	\$ 675.00
11	Additional play equipment (3 individual pieces)	1	LS	\$ 3,800.00	\$ 3,800.00
12	Grading for play area/ mound (excavate 1 ft soil for mound)	94	CU YD	\$ 10.00	\$ 940.00
13	Install Fibar Playground surfacing in excavated area	94	CU YD	\$ 28.00	\$ 2,632.00
14	Fibar drainage system	850	SF	\$ 1.00	\$ 850.00
15	New chain link fence	250	LF	\$ 7.50	\$ 1,875.00
16	Move existing fence	150	LF	\$ 4.50	\$ 675.00
17	Murdoch Model M-43C - stand alone drinking fountain & spicket	1	EA	\$ 1,800.00	\$ 1,800.00
18	Willow cuttings for hut (cut from wetland edges & ditches)	30	6-10'		
<b>A Volunteer Effort</b>					
<b>TOTAL ESTIMATED COSTS</b>					<b>\$ 100,693.00</b>

DuWayne Park Cost Estimate-1-22-15.xlsx  
Engineer's Estimate