



VILLAGE OF LINCOLNSHIRE

**AGENDA
PARK BOARD MEETING
Village Hall – Board Room
Monday, May 18, 2020
7:00 p.m.**

RESIDENT REMOTE PARTICIPATION OPTIONS

- **View/Listen**
 - Watch live on Cable Channel 10.
 - Listen live via phone at 872-240-3212 (Access code 481-646-469)
 - Meetings posted to www.lincolnshireil.gov/government/about/agendas-minutes-packets-video the day after meeting.
- **Public Comment**
 - Call 847-913-2356 to leave a voicemail message with your comment by 5:00 p.m. on Monday, May 18, 2020
 - Comments received before the meeting will be read concurrent with respective agenda item.

1.0 ROLL CALL

2.0 APPROVAL OF MINUTES

- 2.1 Approval of the Minutes of the January 20, 2020 Park Board Meeting (Village of Lincolnshire)

3.0 ITEMS OF GENERAL BUSINESS

- 3.1 2020 Parks Capital Project Schedule (Village of Lincolnshire)
- 3.2 Consideration and Discussion of a Parks and Paths Master Plan Update (Village of Lincolnshire)

4.0 UNFINISHED BUSINESS

5.0 NEW BUSINESS

- 5.1 Lee Campbell Recognition – July 20th Park Board Meeting

6.0 CITIZENS COMMENTS

7.0 ADJOURNMENT



VILLAGE OF LINCOLNSHIRE

MINUTES PARK BOARD MEETING January, 20, 2020

Present:

Chairman Borgerding
Member Campbell
~~Member Siegel~~
~~Member Zhou~~
~~Trustee Grujanac~~
Zach Fell

Member Brouillard
Member Fell
Member Wright
~~Alternate Member Blasek~~
Forestry/Parks Foreman Baynon
Management Analyst Facchini

1.0 ROLL CALL

Chair Borgerding called the meeting to order at 7:00 p.m., and Forestry/Parks Foreman Baynon called the Roll.

2.0 APPROVAL OF MINUTES

2.1 Approval of the minutes of the Park Board meeting held on October, 21, 2019

Member Fell moved and Member Wright/Campbell seconded the motion to approve the minutes as presented for the October, 2019 Park Board meeting.

3.0 ITEMS OF GENERAL BUSINESS

3.11 Consideration and Discussion of the 2020 Park Board Meetings Calendar (Village of Lincolnshire)

Village Park Board approved the below dates for their Park Board Meetings:

January 20, 2020
February 17, 2020
March 16, 2020
April 20, 2020
May 18, 2020
June 15, 2020
July 20, 2020
August 17, 2020
September 21, 2020
October 19, 2020
November 16, 2020
December 21, 2020

Member Fell moved and Member Campbell seconded the motion to

approve the 2020 Park Board Meeting Calendar.

3.2 Consideration and Discussion of a Request by the Lincolnshire Sports Association (LSA) to use North Park for sponsorship by Audi Exchange of Highland Park, IL

Zach Fell who is representing Lincolnshire Sports Association explained how Summer Slam will be raising money for SmashSMARD and the Riverside Foundation.

Zach Fell explained that they already received a \$7,500 donation from Audi Exchange in Highland Park but part of that donation would require 3 to 6 cars to be placed at North Park during this tournament.

Chairman Borgerding asked if there would be a salesman present while the cars are on display and Zach Fell said that there would not be.

Chairman Borgerding explained how he does not see how this is any different than a sponsorship flag that would be hung.

Audi Exchange will be contacted to make sure they have turf mats or wood planks for the vehicles to be placed on to avoid damage to the grass.

Lee Cambell recommended that Audi Exchange be allowed to display 3 to 6 vehicles at North Park pending the approval of the Village Attorney.

Member Cambell moved and Member Brouillard seconded the motion to approve.

ABSTAIN: Lee Fell

4.0 UNFINISHED BUSINESS

5.0 NEW BUSINESS

6.0 CITIZENS COMMENTS

7.0 ADJOURNMENT

Member Fell moved and Member Brouillard seconded the motion to adjourn the Park Board Meeting. The voice vote was unanimous and Chairman Borgerding declared the meeting adjourned at 7:13 p.m.



ITEM SUMMARY

Reviewing Body:	Park Board
Meeting Date:	May 18, 2020
Subject:	2021 Parks Capital Improvement Project
Petitioner:	Village of Lincolnshire
Action Requested:	Consideration and Discussion of the Parks Capital Improvement Projects
Prepared By:	Marc Facchini – Public Works Management Analyst
Staff Recommendation:	Consideration and discussion.
Budgeted Amount:	N/A
Actual Amount:	N/A
Level of Service Impact:	N/A
Tentative Meeting Schedule:	May 18, 2020 Park Board June, 8, 2020 Committee of the Whole
Reports and Documents Attached:	1) Parks Capital Improvement Plan

Background

The Village of Lincolnshire adopts a 10-year capital improvement plan every year to plan projects in the parks. In 2021 the Village will be prioritizing the following projects:

- Mixed use recreation path – Milwaukee Avenue/IL Route 22 to Rivershire
- Basketball Court Resurface – Balzer Park
- Workout Upgrades – Whytegate Park
- Lighting Upgrades – Whytegate Park
- Natural Areas Boardwalk Replacement – North Park and Florsheim Natural Area
- Seating Replacement – North Park
- Parking Site Improvement – Rivershire Park
- Signage Replacement – Parks Entrance Sign and post Replacements
- Picnic Area Tent Replacement – North Park
- Pedestrian Bridge Inspection – Various Locations

Staff develop and finalize the Capital Improvement Plan in the spring and summer of the year prior to the projects and maintain a 10-year plan for projects to be completed in the future.

Staff Recommendation

Staff is bringing the projects forward to the Park Board at this time seeking review and approval of the 2021 capital projects. Additional projects can be prioritized at the board's discretion.



Next Steps

Discuss any projects not currently included in the plan and priority of the Park Board and make a recommendation to the Village Board to proceed as discussed.



Reviewing Body:	Park Board
Meeting Date:	May 18, 2020
Subject:	Parks and Paths Master Plan
Action Requested:	Consideration and discussion of a Parks and Paths Master Plan
Prepared By:	Bradford H. Woodbury – Public Works Director
Staff Recommendation:	Consideration and discussion.
Budgeted Amount:	To be determined
Actual Amount:	Not applicable
Level of Service Impact:	Potential improvement of the Parks and Paths in Lincolnshire
Tentative Meeting Schedule:	May 18, 2020 (Park Board)
Reports and Documents Attached:	<ol style="list-style-type: none"> 1) 2020, Parks and Paths Master Plan (DRAFT) 2) Pets in Parks – Northwest Municipal Conference Survey 3) Village Resident Voting – New North Park Amenity 4) Splash Pad Proposal – North Park 5) Custom Ice – Splash Pad/Ice Rink Information 6) Swamp Milkweed Information

Background

At the October 21, 2019 Park Board Meeting, Staff presented the Park Board a revised “Parks and Paths Master Plan” document. This document outlines and details each of the Village’s Parks which included detailed park descriptions as well as path information and maintenance standards.

Project Description

The intent of this plan is to develop a detailed summary of each park, identify needs and improvements and update the Village’s 10-Year Capital Improvement Plan as appropriate.

After a Park Board review this plan, Staff was directed to follow-up on the following items:

Action Item 1 – 10 Year CIP Plan (Parks) - Distribute the “Parks” portion of the 10-Year Capital Parks Plan to Park Board Members (also make it available FOR ALL NEW Park Board Members moving forward) – **In Progress:** 10-Year Capital Plan to be discussed at May 18, 2020 Park Board meeting.

Action Item 2 – Canoe Rack Promotion - Increase the promotion of Canoeing/Canoe Rack information through Village website, social media, etc. – **COMPLETED:** *Management Analyst Marc Facchini will be sending out e-news articles and Facebook articles regarding the promotion of the canoe rack at Rivershire Park. Additionally, an article will be published in the Spring 2020 Village newsletter.*



Action Item 3 – Salting of Bike Paths - Bring back information regarding salting of bike paths for winter maintenance – **COMPLETED:** – *A survey was performed in which (22) communities responded. Of those communities, 50% responded that they do salt select recreational bike paths/sidewalks. Additionally, Marc Facchini spoke to other communities and the majority of communities he spoke to do not salt bike paths.*

Action Item 4 – Investigate Pets in Parks - Other Communities - Investigate and bring back information on what other Villages do regarding whether or not dogs should be allowed in Village Parks. – **COMPLETED:** *A survey through the Northwest Municipal Conference was performed. 12 communities responded and of those communities seven (7) allow dogs in parks and four (4) do not allow dogs in parks. Currently five of the communities have Dog Parks. The results of the survey are attached for the Park Board's review.*

Action Item 5 – Paths GIS Map Update - Complete an Update of New Paths GIS Map and include waterways including only the waterways that are recreational – **COMPLETED:** *Staff worked with its GIS provider to update the Paths map and include recreational waterways as part of the update. The map can be found in the Parks and Paths Master Plan under paths on page 41.*

Action Item 6 - North Park/Former Tennis Court Area – Bring Back Revised Options with Costs – Distribute survey to residents/public on preferred amenity – **IN PROGRESS:** *After the October Park Board meeting, Management Analyst Marc Facchini prepared and distributed a survey on what the preferred amenity would be at North Park where the tennis court was located. An overwhelming consensus was to replace the area with a splash pad. The survey results are attached for the Park Boards review. Additionally, information on each option is included below:*

Batting Cages – Staff has estimated that batting cages would cost close to \$150,000.00 to prepare the area, procure and install the netting, frames, poles and purchase pitching machines, etc.

Total Project Cost - \$150,000.00

Dog Park – Staff has been in contact with several companies to solicit pricing for a dog park in this area. If Staff were to perform the labor in house the following would be estimated pricing to convert the area to a dog park:





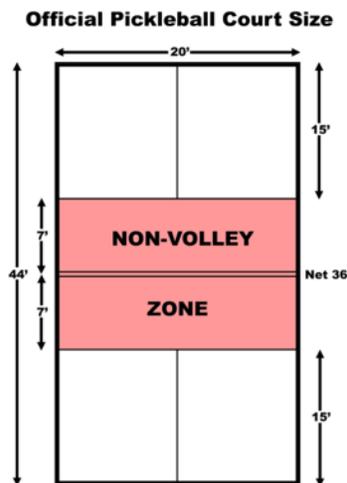
- Gravel Removal/Disposal – 2 Days Work, 3 employees 48 hours of labor at the Village overhead rate of \$84.98 = \$4,079.04
- Restoration – Dirt - applying 3" of dirt over 12,000 square feet (111 yards) at \$15.00 per cubic yard - \$1,665.00
- Seed – applying 49 lbs. of Kentucky blue grass seed at \$6.00 per lb. would be \$300.00
- Seed Mat/Straw Matting - \$600.00
- Total anticipated labor for this restoration would be 3 days work, 3 employees at 72 hours of labor at the Village overhead rate of \$84.98 = \$6,118.56
- Dog Park Implements – It is estimated the Village would purchase approximately fifteen (15) structures/implements at an estimated cost of \$20,000.00
- Labor to install the implements would be 10 days work, 4 employees at 320 hours of labor at the Village overhead rate of \$84.98 = \$27,193.00

Total Materials Cost – \$23,000.00

Total Labor Cost - \$37,000.00

Total Project Cost - \$60,000.00

Pickleball – Pickleball is a sport that combines the elements of tennis, badminton and ping-pong. It can be played both indoors or outdoors on a badminton-sized court and a slightly modified tennis net. Here is the standard pickleball court size of 44' length by 20' in width:





The area at North Park could comfortably accommodate two (2) courts. Staff estimates that two (2) courts would cost approximately \$100,000.00 to construct.

Total Project Cost - \$100,000.00

Splash Pad – Staff has been working with a company to provide a preliminary estimate with regards to a splash pad installation at North Park. In working with a vendor, Staff researched a 2500 foot area which would include, all procurement of 6-8 water amenities, a complete installation of all above ground water features, required plumbing, spray nozzle installations, electrical feature installation. Splash pads that are water-to-waste (which involves the flushing of water down the sanitary/storm system average closer to \$200,000.00 and do not require staffing and/or testing. Recirculation systems involves constant testing and monitoring average closer to \$450,000.00 per system. One major consideration is that Staff would plan to apply for an OSLAD Grant to potentially fund up to \$400,000.00 towards this project. In communications with a project consultant, Staff found there is a 90% chance to obtain grant funding toward such a project.

Total Project Cost - \$250,000.00 - \$500,000.00

Platform Tennis – Platform Tennis is a game similar to pickleball and courts are one-third the size of a traditional tennis court and many times surrounded by a chicken wire fence. The fencing allows balls to be played off the wall and remain in play. Originally developed on land unsuitable for traditional tennis courts, such as along hills, the space under the platform allows for the installation of heating equipment that, together with lighting, can allow for year-long play around the clock, even in cold weather. The court measures 44 feet in length by 22 feet in width. The main difference between a sport like platform tennis and pickleball is platform tennis can be played in the winter as construction includes a heating system that keeps the court clear of snow and ice.

The area would comfortably accommodate two (2) courts.

Staff estimates that two (2) courts would cost between \$550,000.00-\$700,000.00



Total Project Cost - \$550,000.00-\$700,000.00

Grass Landscape Area - Option to Just Grass Area Over - Options should include cost of initial cost/annual maintenance costs. For this option Staff has concluded the costs would be as follows:

- Gravel Removal Disposal - \$4,000.00
- Restoration Work - \$6,000.00
- Annual Maintenance - \$2,400.00 estimated number of 28 mowing occurrences at one (1) hour per occurrence (mowing, weed whipping)

Total Project Cost - \$12,400.00

Skate Rink/Ice Rink – Yet another option would be to potentially convert the area to an in-line skating rink in the summer and an ice skating rink in the winter. Staff estimates this option would cost close to \$500,000.00. This would include construction costs, plus maintenance.



Total Project Cost - \$500,000.00



Action Item 7 – Investigate Poured In Play Surface – Bring Back Costs for Each Park. Staff has researched the poured-in- play surface option and initial cost estimates average close to \$75,000.00 per park area dependent upon the total square footage of each playground area.

Staff believes this plan will assist with developing a vision would be to review the plan and provide input with regards to changes and recommendations and implement these into the Village's 10-Year Capital Improvement Plan.

Staff Recommendation / Conditions

Staff would like Park Board direction on the following items:

1. **North Park Tennis Court Area** – Staff is asking the Park Board to make a recommendation to the Village Board on an amenity they would prefer to pursue to replace the tennis court area at North Park. Once specific direction is decided, Staff would budget for funds to complete this project in 2021.
2. **Poured In Play Surfaces** – Staff would like to know the Park Boards direction on potentially converting all of the playgrounds to poured in-play surfaces in place of wood chips at Village parks. These would be staggered in the 10-Year Capital Plan.
3. **Rivershire Park Fence/Site Improvements** – Staff is asking for direction on whether or not the Park Board supports the installation of a new fence at Rivershire Park to better delineate the trail areas from the maintenance areas.
4. **Pets in Village Parks** – One of the main reasons pets were not allowed in Parks is that several years ago, patrons brought pets to Village Parks and did not clean-up after their pets. Staff is asking for Park Board direction on whether or not the Village wants to re-visit this restriction.
5. **Spring Lake Park Lifeguards** - Hiring and retaining lifeguards each season has proven to be challenging to Village Staff. Staff is looking for direction from the Park Board on whether or not is feels it beneficial and/or needed to Staff Spring Lake Beach with lifeguards.

Next Steps

Potential approval of the Park and Paths Master Plan as presented and/or direction on further revisions as needed.



VILLAGE OF
L I N C O L N S H I R E

Parks & Paths Master Plan



2020

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May 14, 2020

To the Mayor, Board of Trustees:

The **Village of Lincolnshire Parks and Paths Master Plan** is provided as an update and replacement for the original Lincolnshire Park Board Master Plan. This Master Plan has been updated in such a way as to allow it to grow and change with the needs of the Village, while providing specific goals, objectives and policies as a framework for this growth and change, as outlined in the Mission Statement provided on the following page.

It is the intent of Village Staff to review and amend this Master Plan as necessary based on updated surveys, resident comments and determined needs. This Plan is intended to be a "living document," that reflects the Village of Lincolnshire's parks and pathway conditions and needs. Over time, circumstances will change, new opportunities will arise, and other opportunities will inevitably be foreclosed. This plan will need to be adjusted to reflect these new conditions.

Since this Plan was developed comprehensively, changes to the Plan should be considered in a similar comprehensive manner. The review and proposed changes will be made as recommendations to the Park Board and Mayor and Board of Trustees for their final approval.

Sincerely,

Bradford H. Woodbury



Public Works Director
Village of Lincolnshire

The Village of Lincolnshire Parks and Paths Master Plan

Mission Statement

The Village of Lincolnshire has established a mission statement to outline the vision, goals and objectives of the community with reference to parks, open space and paths throughout the Village. The following mission statement was formally recommended by the Park Board to the Village Board and approved.

The Village of Lincolnshire is committed to providing safe, attractive and accessible parks and paths which fulfill the needs of all age groups within the community.

The Village of Lincolnshire Parks and Paths Master Plan

Goals Summary

- A. The Village shall provide responsible management, maintenance, preservation and protection of our parks, pathways, open spaces and appropriate rights-of-ways to protect, conserve and enhance their value to the community.
- B. The Village shall provide responsible management, maintenance of the Village's pathways in an effort to provide connectivity, hiking and recreational opportunities to the community.
- C. The Village shall provide regular updates and information to the community regarding parks and paths facilities, projects and activities.
- D. The Village shall promote the utilization of the Village waterway corridors for appropriate recreation.
- E. The Village shall promote volunteer participation to assist with operational needs such as bike path, natural areas and parks maintenance which could support or augment the goals and objectives of this plan
- F. The Village is committed to updating its current 10-Year Capital Improvement Plan which shall prioritize all capital projects, including parks, pathways, and open space, based on their need, desire and funding in accordance with this plan.

Goals, Objectives and Policies

Definitions

Goals: Describe a general course of action to support the Mission Statement.

Objectives: Describe the framework for the accomplishment of a goal.

Policies: Outline specific steps to accomplish the goals and objectives

The Village of Lincolnshire Parks and Paths Master Plan

Goals, Objectives and Policies of the Park Board

Goal A: The Village shall provide responsible management, maintenance, preservation and protection of our parks, pathways, open spaces and appropriate rights-of-ways to protect, conserve and enhance their value to the community.

The Village recognizes the importance of establishing standards for public property throughout the Village to ensure their long term value.

Objective: DEVELOP a long term management, maintenance, preservation and protection plan aimed at maintaining the Village's parks, pathways, open spaces and appropriate rights-of-ways.

Policy: IDENTIFY the parks, pathways, open spaces and appropriate rights-of-ways (public property) for which the Village is responsible.

EVALUATE each public property to determine what type of management, maintenance, preservation and/or protection is required.

REVIEW forest inventories, general and specific management plans for the parks, pathways, open spaces and appropriate rights-of-ways to determine if the Village is meeting the needs of these properties, utilizing the most current professional guidelines and information available.

DEVELOP new and update existing plans based on the best management practices available.

PREPARE a budget with cost effective strategies for the long term care of these properties.

This budget shall include funds to:

- Ensure the Village has the adequate staff, training and tools to perform the necessary tasks required in order to maintain the highest possible standards to properly manage the Village public properties.

IMPLEMENT a plan to address each property appropriately, based on budget limitations, to provide for the long term care of these properties.

Goal B: The Village shall provide responsible management, maintenance of the Village's pathways in an effort to provide connectivity, hiking and recreational opportunities to the community.

One of their highest priorities of the Parks and Paths Master Plan is pedestrian and bicycle links throughout the Village. These links provide important connections between neighborhoods, parks, other communities, the county and the forest preserve.

The Village's path system shall provide pedestrian and bicyclist access to major areas of the community and connections to other communities and paths. The continued development of the Village's path system shall provide improved access to parks, libraries and local schools.

Objective: PROVIDE pedestrian and bicycle access to all major areas of our community.

The Village has three major arterial roads which segment the community:

- Milwaukee Avenue
- Route 22 (Half Day Road)
- Riverwoods Road

These roads dissect the community and carry heavy amounts of traffic. As areas of the Village, and surrounding areas, are developed, there will be increased demand for pedestrian and bicycle access to these areas. Specifically, children wishing to go the parks, schools or businesses need to have a safe accessible system to move throughout the community.

Policy: IDENTIFY existing pathways and areas inside and outside the community where residents have expressed an interest to go. Determine what additional paths may be required to meet the needs of the community.

PRIORITIZE areas where significant resident interest is shown for construction of a pathway.

Policy: EVALUATE existing pathways and determine where additional pathways are needed.

IDENTIFY existing pathways and areas inside and outside the community where residents have expressed an interest to go. Determine what additional paths may be required to meet the needs of the community.

PRIORITIZE areas where significant resident interest and/or need is shown for construction of new pathways.

The FIRST pathway priority for the Village shall be to provide, at a minimum, pathways along the main thoroughfares from border to border of the Village. With the construction of these pathways, access to ancillary destinations can more easily be achieved.

These would be prioritized as listed below:

- North/South along Riverwoods Road
- East/West along Route 22 (Half Day Road)
- (Including Olde Half Day Road)
- North/South along Milwaukee Avenue

The SECOND priority shall be to provide neighborhood connectors pathways. These are particularly important for streets which have dead-ends. Neighborhood connector paths provide opportunities for residents to access the major pathways and thereby avoid more heavily trafficked areas.

The THIRD priority shall be to provide pedestrian/bicycle access to each of the Village's parks. These parks are as follows:

- Balzer Park
- Bicentennial Park
- Creekside Park
- Florsheim Park and Nature Preserve
- Memorial Park
- North Park
- Old Mill Park
- Rivershire Park
- Spring Lake Park
- Trailhead Park
- Whytegate Park

OTHER priority Areas to be considered shall include:

- Schools
- Libraries
- Forest Preserves
- Restaurants
- Movie Theaters

The Village shall carefully evaluate each thoroughfare to determine where limitations exist. As such, Village Staff will be responsible for meeting the following initiatives:

- The Village shall review existing pathways and desired connections. Areas of high priority shall be placed first on the schedule. However, it is possible that a parcel of land shall come up for sale and development which may require consideration of a path prior to when it is listed as a priority.
- The Village shall require that anyone, developing a property in the Village, contiguous to a proposed path location, provide an easement and construct a path in a manner consistent with the construction and installation of the other paths in the Village.
- The Village shall investigate and utilize all possible sources to facilitate the construction of new paths. This would include developer contribution, funding opportunities, donations, etc.
- Where possible, construction of a path shall be completed on Village owned property or on property where the Village has an easement. In situations where there is not room for path placement on a Village property or easement (due to an existing structure or other obstruction), then the Village shall look to the county or state for an easement.
- Where possible, construction of a path shall be completed on Village owned property or on property where the Village has an easement.
- The Village shall include funding as appropriate in its 10-Year Capital Budget annual to meet the goals of the Parks and Paths Master Plan.

Goal C: The Village shall provide regular updates and information to the community regarding parks and paths facilities, projects and activities.

Objective: PROVIDE consistent information to the community on a regular basis regarding all Village parks, paths and facilities related projects.

The Village shall focus on information sources which are specific and consistent for the community. It is believed, as the community becomes accustomed to utilizing these resources, support, interest and participation in community and Village parks and pathway recreational opportunities will increase.

Policy: IDENTIFY specific and consistent sources for delivery of information.

PRIORITIZE the identified information sources.

The Village shall focus on information sources which provide the best coverage and direct contact to the community specific to the activity being promoted.

EVALUATE effectiveness of each information source for providing parks and pathway information.

The Village shall implement some type of tracking strategy for evaluation of each information source.

PREPARE a survey method which tracks information sources and their value noting that different types of events may require different information sources.

Care shall be taken to be cost effective in delivery of this information.

The Village website and social media platforms shall be updated on a regular basis and a direct link to parks and path information shall be provided.

IMPLEMENT a survey method which will track information sources and their value for each type of event.

Staff shall continue to provide information and updates through the various sources until each specific information source strength is identified. Once these strengths are identified, Village staff will match those strengths with specific events. Age groups, etc. These responses will be tracked and reviewed as necessary.

Staff will implement Parks related survey's periodically at the direction of the Park Board.

Goal D: The Village shall promote the utilization of the Village waterway corridors for appropriate recreation.

The Village recognizes there are many benefits and opportunities associated with its waterway corridors. The Village shall promote utilization of these waterways and surrounding natural areas while recognizing their unique natural character and protecting the watershed.

Objective: PROVIDE appropriate recreational opportunities to the community along the Village waterways.

IDENTIFY the waterways throughout the community and ways in which these waterways can provide appropriate recreational opportunities.

Following are the rivers or creeks located in the Village:

- The Des Plaines River
- Lincolnshire Creek
- Indian Creek
- The West Fork of the North Branch of the Chicago River

Each waterway has its own unique qualities. Each shall be considered individually as to its potential for recreational opportunities.

The **Des Plaines River** is recognized as part of the Illinois Regional Water Trail. This waterway provides opportunities for non-motorized boating, fishing, birding or nature watching. The **Des Plaines River Trail** is part of the Lake County Forest Preserve trail system. This trail provides opportunities for hiking, biking, and horseback riding.

Lincolnshire Creek feeds into the Des Plaines River. While the creek runs through much of the community, only a small portion is on public property. Fishing, birding, nature watching or hiking along the creek is possible on the public portion.

Indian Creek, through the Village, is a smaller creek which can provide fishing, bird or nature watching. Portions of the creek are surrounded by a golf course, offices and parking lots.

The **West Fork** of the **North Branch of the Chicago River**, in Lincolnshire, is not large enough to support any type of boating. Fishing is not allowed as this river is located in a dedicated Illinois Nature Preserve. However, birding, nature watching, hiking and cross country skiing are some possible activities along this waterway in the Village.

PRIORITIZE recreational opportunities along the waterways and the level to which public access is encouraged and needed.

The Village shall provide public access to the waterways or adjacent greenways through the following means:

Pedestrian paths which may or may not be restricted in their level of access, or points of access, depending upon the unique qualities of the waterway.

- Access points for non-motorized boating.
- Picnicking where appropriate.
- Sitting areas
- Fishing

EVALUATE each waterway, the type of recreational activity appropriate, its ability to support recreational activities and the care needed to make it a healthy viable system.

Each waterway or adjacent greenway has features which limit the level of appropriate recreational activity. The Village waterways can provide for appropriate recreation although significant improvements need to be made to each. Appropriate recreational opportunities would include bird or wildlife watching, walking or hiking, cross country skiing and sitting.

Des Plaines River provides the greatest number of recreational opportunities. In addition to the opportunities listed above, this waterway is part of the regional water trail system and provides for non-motorized boating throughout most of the year. Fishing is also available.

Lincolnshire Creek provides limited recreational opportunities because of the small portion which is available to the public. While non-motorized boating is possible, when reached from the Des Plaines River, it would not be significant because of its length and relatively low water level throughout most of the year. Fishing is available.

Indian Creek provides limited recreational opportunities because of its water level throughout most of the Village. However, fishing is available in limited locations.

The **Chicago River** does not provide for recreational opportunities because of the water level in our area is too low and the area is protected as part of the North Park Illinois Nature Preserve.

Because each waterway is unique each will have significant needs. In order to provide a quality recreational experience, the health of the waterway and

surrounding watershed is important

IMPLEMENT the recreation and management plan for each waterway.

- Allocate funds from the General Fund for capital improvements and operational needs.
- Hire necessary personnel to support the management and recreational plans.
- Encourage volunteer support for recreational events, restoration work days, etc.
- Participate in watershed events.

Goal E: **The Village shall promote volunteer participation to assist with operational needs such as bike path, natural areas and parks maintenance which could support or augment the goals and objectives of this plan.**

Objective: PROVIDE a plan to increase and promote volunteer participation in the Village to assist with parks, pathways or natural area management, etc.

Policy: IDENTIFY Village needs where volunteer support could provide assistance or a benefit.

- Review current and future recreational programming needs and evaluate where and when volunteers could provide support for those needs.
- Review current/future park and natural area needs and evaluate where and when volunteers could provide support for those needs.

PRIORITIZE needs requiring volunteer assistance.

DEVELOP a plan that could promote volunteer participation in meeting those needs.

This plan could include but not be limited to the following:

- Publicizing volunteer needs and projects utilizing Village resources such as website, e-news, newsletter and social media.

- Promoting volunteer opportunities and providing information describing these opportunities at Village events.
- Assign specific jobs to specific individuals for specific periods of time.
- Providing opportunities for individuals or groups to be trained to perform specific tasks.
- Tracking volunteer hours, projects and activities accomplished to verify volunteer hours.
- Making a point to thank volunteers either by letter, email or recognition at a public meeting such as a Park Board or Village Board Meeting.

ENSURE proper funds are included in the operating budget to provide assistance with the implementation of volunteer efforts as needed.

EVALUATE volunteer support, retention, effectiveness of volunteers and areas where the plan could be improved.

Goal F: The Village is committed to updating its current 10-Year Capital Improvement Plan which shall prioritize all capital projects, including parks, pathways, open space based on their need, desire and funding.

The only source of revenue specifically directed toward parks is the residential development contribution by way of the Park Development Fund. The cost of maintaining and developing the parks and open space is currently supplemented by the General Fund. The available land for future residential development is limited. As a result, the Village should plan to set in place long term funding strategies.

Objective: The Village shall continue to require a land and/or cash donation from residential developers for each home constructed. (in accordance with Village Code, Title 7-7, Park Donations)

Policy: IDENTIFY the annual residential contribution amount at the time of budget preparation. Periodically review the contribution formula to determine whether the formula is consistent with current market value.

In addition, determine if additional sources are required as defined below:

- Taxes for acquisition and development
- Partnership opportunities with other organizations or businesses

- Grants and funding opportunities through public and private sources.

PRIORITIZE projects to provide for development of the Parks and Paths Master Plan.

- When prioritizing projects, short and long term maintenance and labor needs shall be considered for existing facilities and sites.
- Care shall be taken when prioritizing development projects with consideration given to the long term costs associated with such development, i.e. maintenance, equipment and labor needs.
- Care shall be taken in consideration and prioritization of acquisition of natural areas for future potential park development as needed.

EVALUATE Village short and long term needs with reference to acquisition, development, redevelopment, protection and maintenance of parks, open space and pathways.

- The Village shall utilize resident input in determining the short and long term needs of the Village. This input should be solicited through the administration of surveys as needed.

IDENTIFY Sources of funding including, partnerships, grants, donations, taxes, etc.

- Existing facilities shall be well maintained and continue to meet the needs of the community.
- Parks which require renovation or repair shall be put on a cycle of review and repair with each park receiving regular maintenance and attention as needed. Long term financial planning for these repairs or redevelopment shall be included in the 10-Year Capital budget.
- Playground and park facilities shall be placed on a regular rotation for replacement. This rotation shall be on an eight (8) year basis.



VILLAGE OF
L I N C O L N S H I R E

Parks Information

BALZER PARK

Location: 30 Windsor Drive, Lincolnshire, IL 60069

Designation: Community Park

Size: 9 Acres

Description: Balzer Park is a beautiful little park situated in the southeast quadrant of the Village. The Park was named after the first Mayor of Lincolnshire - Fred Balzer. There is something for everyone in this park.

Park Amenities: Basketball Courts, Tennis Courts, Playground Area, Picnic Area, Drinking Fountain, Bike Rack, Nature Walking Trail



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

2022 – Parking Lot Resurface - \$18,000.00

(5-10 Years)

2027 – Natural Areas Site Improvements (Engineering) - \$20,000.00

2027 – Natural Areas Site Improvements (Construction) - \$100,000.00

BICENTENNIAL PARK

Location: 45 Fox Trail, Lincolnshire, IL 60069

Designation: Neighborhood Park

Size: 3 Acres

Description: Bicentennial Park is a small "pocket" park situated behind the homes on Fox Trail. There are three entrances to the Park but you have to really look to find two of them. The park is a wonderful quiet place to take your family or a great place to just sit and read.

Park Amenities: Playground Area, Picnic Area, Drinking Fountain, Little Free Library Sitting Area



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

2022 – Playground Upgrades - \$55,000.00

(5-10 Years)

None

CREEKSIDE PARK

Location: 445 Milwaukee Avenue, Lincolnshire, IL 60069

Designation: Pocket Park

Size: 1/2 Acre

Description: This Lincolnshire "Pocket Park" is a small "passive" park situated behind the 475 Milwaukee Avenue property and the private subdivision homes of South Village Green. There are two entrances to the Park as you can access it from both Milwaukee Avenue and Half Day Road. The park is approximately ½ an acre in size and a wonderful quiet place to take your family or a great place to just sit and read.

Park Amenities: Small Playground Area, Drinking Fountain, Bike Rack, Sitting Areas



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

None

(5-10 Years)

2028 – Various Park Improvements - \$20,000.00

2029 – Bridge Refurbishment - \$55,000.00

FLORSHEIM PARK AND NATURE PRESERVE

Location: 2 Farrington Court, Lincolnshire, IL 60069

Designation: Open Lands Park

Size: 40 Acres

Description: Florsheim Nature Preserve is a 40 acre parcel of land which was donated to the Village by Harold and Sarabel Florsheim in 1985. In 2003, an additional 32 acres was donated which comprises the Old Mill Woods addition of Florsheim Nature Preserve. An important component of the Nature Preserves is the unique and rare ecosystems which exist there. A path system has been installed throughout the site. Access points for the paths are located at North Park, Florsheim and Old Mill Woods.

Park Amenities: ADA Accessible Path and Trail System



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

None

(5-10 Years)

None

DRAFT

MEMORIAL PARK

Location: 47 Half Day Road, Lincolnshire, IL 60069

Designation: Passive Park

Size: 2 Acres

Description: Memorial Park is located at the intersection of Route 22 and Riverwoods Road. This 2 acre park is a passive space of beautiful gardens. This park is a great place to stop and rest if taking a long bike ride or hike. The gardens surround the park and provide a wonderful opportunity to view a wide variety of trees and perennials.

Park Amenities: Small Picnic Area, Drinking Fountain, Gazebo/Pavilion, Sitting Areas



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

None

(5-10 Years)

2027 – Gazebo Replacement - \$35,000.00

NORTH PARK

Location: 1025 Riverwoods Road, Lincolnshire, IL 60069

Designation: Athletic Facility

Size: 65 Acres

Description: North Park is the Village's premier athletic facility. This park is 65 acres and includes 27.5 acres of sports fields and 37.5 acres of Natural Areas. The park has received national and regional awards for its design, field construction, landscaping and conservation. Thousands of athletic events are held here annually. This park is an excellent destination for family gatherings because of its wide variety of amenities.

Park Amenities: Baseball Fields, Basketball Courts, Soccer Fields, Ice Skating, Playground Area, Picnic Areas, Restrooms, Warming Shelter, Drinking Fountains, Bike Racks, Nature Trails



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- **Athletic Court Resurfacing** – The former tennis court area at North Park is in need of an amenity to replace the original tennis court. The top requested items per previous Village surveys are a splash pad, platform tennis and pickleball. Village Staff has also suggested installing batting cages in the area as a possibility. Staff polled the attendees at the 2019 Boo Bash event and the top choice among resident polled was a splash pad. More information can be found under the “Additional items for Consideration” portion of this plan.

Projects Currently Scheduled for 2020:

- **North Park Covered Storage Project** – This project consists of creating covered storage in the existing North Park Maintenance Building area in order to provide better protection for all equipment and resources.
- **Parking Lot Resurfacing** – This project consist of an entire resurfacing of the parking lot at North Park.
- **Parking Lot Light Replacement** – This project consists of replacing, retrofitting and re-painting all of the lights located at North Park in the parking lot and grounds areas.

(1-5 Years)

2021 – Boardwalk Replacement (Phase I) - \$35,000.00
2021 – Dug-Out/Park Bench Replacements - \$60,000.00
2021 – Picnic Area Tent Replacement - \$15,000.00
2022 – Boardwalk Replacement (Phase II) - \$37,000.00
2022 – Playground Upgrades - \$60,000.00
2022 – Foul Ball Netting Replacement - \$20,000.00
2022 – Roof Replacements - \$200,000.00
2022 – Electrical Upgrades - \$100,000.00
2022 – Hardscape Repairs - \$25,000.00
2023 – Concession Building Improvements - \$75,000.00

2023 – Boardwalk Replacement (Phase III) - \$30,000.00

2024 – Boardwalk Replacement (Phase IV) - \$30,000.00

(5-10 Years)

2025 – HVAC Replacements - \$35,000.00

2025 – Athletic Field Lighting Upgrades - \$250,000.00

2026 – Basketball Court Resurfacing - \$65,000.00

2026 – Exterior Fence Replacement - \$110,000.00

2028 – Athletic Field Light Replacements - \$70,000.00

DRAFT

OLDE MILL PARK

Location: 100 Fallstone Drive, Lincolnshire, IL 60069

Designation: Neighborhood Park

Size: 4 Acres

Description: Old Mill Park is located off of Route 22 and Old Mill Road. The four acre park is sandwiched behind the homes on Fallstone Drive and Route 22. The east west pedestrian path passes through the park. There are large open areas for free play in addition to a number of park amenities.

Park Amenities: Baseball Field, Soccer Field, Volleyball Court, Playground Area, Picnic Area, Drinking Fountain, Frisbee Golf, Bocce Ball Court



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

2022 – Parking Lot Resurfacing - \$17,000.00

2024 – Playground Upgrades - \$75,000.00

(5-10 Years)

2028 – Fence Replacement (along Rt.22 South Park Area) - \$50,000.00

RIVERSHIRE PARK

Location: 45 Londonderry Lane, Lincolnshire, IL 60069

Designation: Open Lands Park

Size: 15 Acres

Description: This 15 acre natural area sits on the east bank of the Des Plaines River. In 1997 the Village began extensive restoration of the floodplain forest, wet meadow and peninsula along Lincolnshire Creek. Much of the work was accomplished with volunteer labor. Bird feeders and houses have been placed throughout the site to encourage a broad diversity of birds and other wildlife. Use of this park is restricted to walking trails and canoeing.

Park Amenities: Picnic Area, Canoe Launch, Natural Area Trail System



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- **Rivershire Park Site Improvements** – As a result of the Rivershire Nature Center Building Demolition, Staff is asking Park Board input on changes and improvements to the Rivershire Park site located at 45 Londonderry Lane. Staff advises changes to the walking paths and maintenance areas to better define the site. More information can be found under the “Additional items for Consideration portion of this plan.”
- **Bridge Refurbishment** – This project consists of an engineering firm providing recommendations on repairs to the two (2) pedestrian bridges located at Rivershire Park.

Projects Currently Scheduled for 2020:

- **Fence Replacement** – There is currently a project in the 2020 budget to replace the fence at Rivershire Park. It is imperative this project is completed as there are several sections of fence that are broken and missing. This project is also critical in that it will better delineate the public areas from the maintenance yard.

(1-5 Years)

2021 – Site Improvements - \$160,000.00

(5-10 Years)

None

SPRING LAKE PARK

Location: 49 Oxford Drive, Lincolnshire, IL 60069

Designation: Community Park

Size: 8 Acres

Description: Spring Lake Park is the "heart of Lincolnshire". This park was the first Village Park and has been the site for the annual 4th of July celebration for more than 50 years. The Park is located adjacent to the Des Plaines River and provides a wide assortment of recreational opportunities.

Park Amenities: Picnic Areas, Swimming Beach, Basketball Court, Playground, Baseball Field, Drinking Fountain, Restrooms, Tennis Court.



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

2022 – Tennis Court Color Coating - \$12,000.00

2023 – Water Toy Replacement - \$24,000.00

2023 – Playground Upgrades - \$80,000.00

2024 – Parking Lot Resurfacing - \$55,000.00

(5-10 Years)

2029 – Bridge Replacements - \$225,000.00

TRAILHEAD PARK

Location: 101 Riverside Road, Lincolnshire, IL 60069

Designation: Passive Park

Size: 1/2 Acre

Description: Trailhead Park is a small "passive" park located at 101 Riverside Road. The park is approximately ½ an acre in size and hosts a small gazebo to sit with your family.

Park Amenities: Bike Rack, Drinking Fountain, Gazebo



SUGGESTED PARK IMPROVEMENTS

Immediate Need

None

Projects Currently Scheduled for 2020:

- None

(1-5 Years)

None

(5-10 Years)

2028 – Various Park Improvements - \$20,000.00

WHYTEGATE PARK

Location: 299 Whytegate Court, Lincolnshire, IL 60069

Designation: Neighborhood Park

Size: 4 Acres

Description: Whytegate Park is located in the northeast quadrant of the Village. The Park is approximately four acres in size and provides a wide variety of amenities for all ages.

Park Amenities: Tennis Courts, Basketball Court, Drinking Fountain, Gazebo, Perennial Garden, Picnic Areas, Small Workout Course



SUGGESTED PARK IMPROVEMENTS

Immediate Need

- None

Projects Currently Scheduled for 2020:

- **Basketball/Tennis Court Resurfacing** – While this project was originally scheduled for 2023, there is an immediate need to execute on this project as soon as possible due to the fact that the south end basketball pole is beginning to heave from the court and is leaning badly. Staff recommends executing on this project in 2020 and marrying it with the resurfacing of the tennis court resurfacing project to obtain a better price.

(1-5 Years)

2021 – Playground/Workout Area Upgrades - \$125,000.00

2021 – Electrical Upgrades - \$40,000.00

(5-10 Years)

2027 – Whytegate Park Fence Replacement - \$150,000.00

2028 – Archway/Gazebo Replacement - \$75,000.00



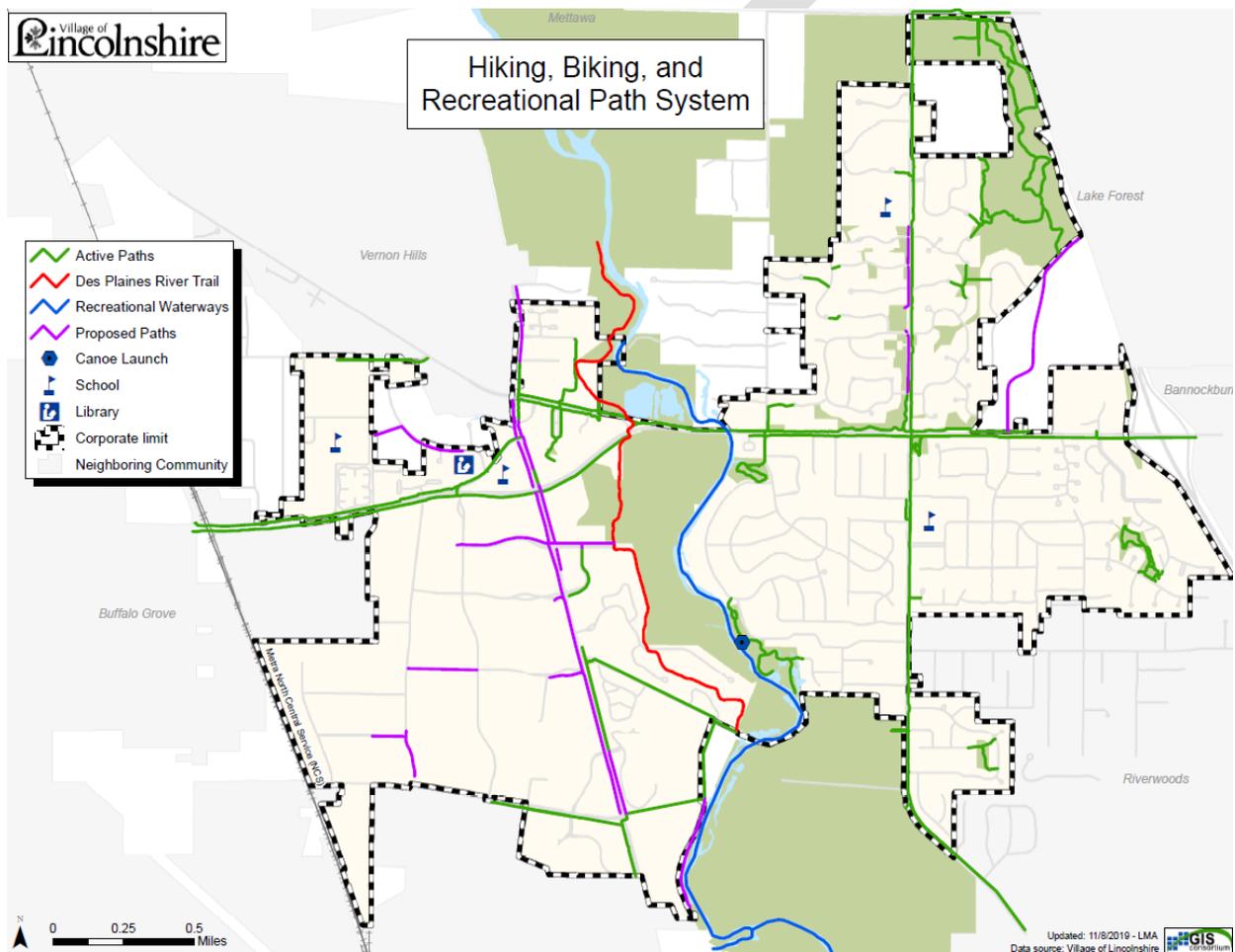
VILLAGE OF
L I N C O L N S H I R E

Paths Information

It is the intent of the Village to provide a safe and fully connected pedestrian and bike path system throughout the corporate limits of the Village. The Public Works Department has been charged with maintaining a safe and user- friendly path system.

Routine maintenance on a year-round basis will not only improve path and trail safety, but will also prolong the life of the paths. Proper maintenance procedures can be an effective deterrent to vandalism, litter and encroachments.

It is the Village's intent to provide a comprehensive path system that can be enjoyed by all age groups year round.



The Public Works staff will be making every effort to follow through with this maintenance plan as outlined:

GOALS FOR BIKE PATH MAINTENANCE

The following goals are listed in order of priority and their importance to maintaining the Bike Path System. Implementation of the recommendations will be carried out with this priority preference in mind.

Goal 1: Provide a Safe Trail for All Users

The purpose of this goal is to make sure that the Village's Bike Path System is safe for all path users. The path system is a multi-purpose pathway. The mix of path users primarily includes walkers, joggers, bicyclists, dog walkers, and some skaters. While the vast majority of trail users are bicyclists, the primary goal of the maintenance policy is to maintain a safe trail for all users.

Important considerations in meeting this goal include:

- Maintaining a safe trail surface
- Maintaining clearances at roadway intersections
- Improving roadway crossings
- Minimizing the Village's liability in providing this facility
- Maintaining a path buffer area
- Improving safety through signage and public education
- Developing a safety watch program by path users

Goal 2: Accommodate Multiple Uses and Users along the Path System

The purpose of this goal is to ensure that the path system serves the multiple uses and users it has had over its history. In addition to the various users named above, the path system serves as a safe corridor, a utility corridor and means of transportation for commuters and school children.

Important considerations in meeting this goal include:

- Providing sufficient path width
- Providing signage educating path users on multiple uses and users
- Maintaining the path right-of-way for utility purposes
- Promoting use for transportation purposes

Goal 3: Provide a Pleasing Path Experience

The purpose of this goal is to make sure that users enjoy the path system. The goal recognizes the attraction of the paths as a way to experience a more naturalistic environment and provide connections to unique natural areas in adjacent forest preserves and local parks.

Important considerations in meeting this goal include:

- Maintaining a clean, well-kept and comfortable path (litter-free, vandalism-free, with rest stops and amenities)
- Maintaining a mix of streetscapes that provide color and variety
- Encouraging stewardship efforts to increase clean-up, planting and beautification projects

Goal 4: Protect and Enhance the Natural Environment

The purpose of this goal is to recognize, protect and promote the function of the path system as a greenway corridor. This includes providing ways to improve wildlife habitat and the biodiversity of plant species. While not the primary purpose of the path system, this goal is intended to recognize the role the path system has in improving the natural environment. At the same time, efforts to achieve this goal need to include a public education component that informs path users of work activities and management projects designed to meet this end and ensures that the Village is a good neighbor to surrounding property owners.

Important considerations in this effort include:

- Removing diseased trees and shrubs that may be hazardous or infect other plants
- Maintaining a naturalistic look and prairie, wetland, and woodland remnants where possible along the path system
- Removing species of European Buckthorn (an invasive species listed as an Illinois Exotic Weed that restricts biodiversity) and similarly invasive species in selected areas where impact on residential areas is minimal
- Targeting areas for expanded vegetation management (for example, removing invasive non-native species to allow room for native species to grow) where impact on residential areas is minimal
- Implementing recommendations in a cost-effective manner

RECOMMENDATIONS TO ACHIEVE MAINTENANCE GOALS

Since the recommendations often work towards achieving more than one goal, the recommendations have been grouped by topic area. The four topic areas are listed in order of priority so as to best achieve the highest priority goals. All recommendations are expected to be implemented in a cost-effective manner if funding is available and in ways that protect the Village from liability exposure. In addition, it is recognized that implementation of the recommendations requires some flexibility in interpretation by Village staff who are undertaking this work and as such, the recommendations provide general guidelines for implementation.

Trail Maintenance and Vegetation Clearing

- Maintain a safe surface for path users including a sufficient and uniform width and proper drainage. The path width will be maintained at the current 10' standard.
- Maintain a litter-free and vandalism-free path
- Request support from path communities in adding recyclable collection containers along the system in appropriate areas
- Remove diseased trees to eliminate hazards and keep disease from spreading to other vegetation
- Maintain a path buffer zone along the trail edges of 3' to a maximum of 6' to allow an area for trail users to run off if there are conflicts (pedestrians, bicyclists) and allow room for people to stop if they need to for repairs, etc. The width of the buffer zone will vary depending on existing conditions along the trail (slope of shoulder, drainage ways) and existing mature healthy trees in the buffer zone. The width of the trail buffer zone at any specific location will be based on the judgment of the Village maintenance staff but will not exceed a maximum of 6'.

The trail buffer zone will be a mowed side path in areas where this improvement is feasible. The trail buffer zone will be mowed monthly but will include larger, signature healthy trees that will be trimmed only. Monthly mowing provides a buffer area adequate for public safety (clear sight lines along the trail edges). Limitations in Village mowing equipment also does not make it feasible to reduce the width of the buffer area beyond the recommended 3' to 6' width.

Dead and hazardous trees will be removed from the path buffer zone. Trees will be allowed to grow over the path system to create a tree canopy but will be trimmed to a height of 12 feet above the ground in order to allow maintenance vehicles to access the pathway and resurface the system, emergency vehicles to reach trail

users when necessary, utility vehicles to access the system to repair storm damage.

- Maintain a tree protection zone of 6 feet in width adjacent to the trail buffer zone.

Maintenance in this area will include trimming of trees, tree branches and shrubs that are or will grow over the trail, are or will be within 12 feet above the ground, or will grow into the trail buffer area within in the next two years. A 6' width was recommended because of the annual rate of growth of trees and large shrubs found along the trails make this trimming width necessary to ensure safe passage on the trail. Trees in the tree protection zone will be allowed to grow over the trail system to create a tree canopy but will be trimmed to a height of 12 feet above the ground in order to allow maintenance vehicles to access the pathway and resurface the system, emergency vehicles to reach path users when necessary, utility vehicles to access the system to repair storm damage, and bicyclists to have safe clearance on the paths. Trees that are considered hazardous will be removed but all other trees, including dead or fallen trees, will remain and will be trimmed only as needed for safety of the trail users. Shrubs and brush will remain except in those areas targeted for Buckthorn or other invasive species removal.

- Maintain the trail right-of-way so that it is free from hazardous or diseased trees. Dead or fallen trees will remain and will be trimmed only as needed for the safety of the path users. Shrubs and brush will remain except in those areas targeted for European Buckthorn or other invasive species removal.
- Recognize that multi-purpose use of the path system includes drainage and utility purposes
- Provide a regular inspection program for trail bridges to make sure bridges are safe and can adequately handle trail traffic more notably bicyclists.
- Maintain close communication with utility companies on upcoming maintenance work and inform path users of planned maintenance activities by utility companies
- Encourage reporting of maintenance problems by path users to appropriate agencies and remedy problems within a reasonable time
- Mark culvert crossings within the trail buffer where bicyclists frequently use the system

Roadway Crossing Safety

- Provide additional and aggressive clearing at roadway intersections to maintain safe sight lines for both motorists and trail users and ensure that traffic control signage is visible.
- Consider crossing improvements at major roadways.
- During construction projects, provide signage about construction alternative routes and detours marked with appropriate signage if feasible

Signage and Public Education

- Maintain signage educating users on multi-use path rules (e.g., yielding.) and safety
- Add signage identifying path and site locations and adjacent facilities (e.g., mile markers, municipal boundaries, trail parking locations, local parks, etc.)
- Promote use of the path system for commuters and school children.
- Develop a resident safety watch program
- Install signage to inform the public about vegetation removal and control efforts (e.g., "Be Back Soon" signage including posting plan details and website addresses for more information)

Habitat and Screening Improvements

- Preserve a naturalistic look to the path system providing a variety of viewsapes by maintaining vegetation that is colorful and variegated, screens adjacent land uses, provides wildlife habitat, and contains prairie, wetland and woodland remnants.
- Encourage volunteer efforts to provide for vegetation and tree replacement and replanting from a recommended plant list for replacement plantings that will have structure and form compatible with surrounding area needs
- Identify target areas where removal of European Buckthorn and other similarly invasive species like Garlic Mustard can be undertaken with little impact on residential areas
- Maintain a positive working relationship with Utility Companies and work with them to survey areas for appropriate tree removal and replacement and explore options for vegetation management agreements

- Explore establishing a cost-share program for screening non-residential areas from path view including information on grant programs and funding sources that could help private landowners install plantings
- Develop partnerships and encourage donations for beautification and trail improvements bearing in mind the need to follow the recommended plant list for plantings, spatially sequence new plantings, factor in plant loss when estimating the number of plantings needed, and varying the type of plants for increased biodiversity and interest.
- Identify areas along the trail system with quality native plants
- Encourage private property owners along the trail system to extend natural areas onto their private property through increased public education and distribution of informational materials to assist property owners with such efforts
- Working with community groups and volunteers, create an environmental education program to involve citizens in more meaningful ways in prairie restoration activities, public service opportunities, and environmental education

BIKE AND PEDESTRIAN PATHS

The Village comprehensive plan outlines a complete bike or pedestrian path system that traverses the Village – east to west and north to south. This system provides for easy pedestrian or bicycle access throughout the community, to neighborhood connector paths, adjoining community paths and regional trail systems.

There are approximately 115,162 linear feet of bike or pedestrian path in the Village.

Maintenance of open space along path surfaces is site specific. The objective is to keep the paths surface in good condition, free of debris, unobstructed and safe for public access. Because the adjoining open space is typically shared with private property owners, screening is a concern, often prohibiting removal of low quality non-native woody plants. These areas are often narrow, highly disturbed and low quality. This open space is considered to be low maintenance and is not maintained for native biological health or formal appeal.

NEIGHBORHOOD CONNECTOR PATHS

The Village has a system of neighborhood connector paths. These paths allow residents to walk or bicycle from one Village street to the next without using regional roads. These connectors are typically at the end of cul-de-sacs.

There are approximately 3,815 linear feet of connector paths in the Village.

Maintenance of neighborhood connector paths is similar to bike or pedestrian paths and also site specific. The objective is to keep the paths surface in good condition, free of debris, unobstructed and safe for public access. Because the adjoining open space is typically shared with private property owners, screening is a concern, often prohibiting removal of low quality non-native woody plants. These areas are often narrow, highly disturbed and low quality. This open space is considered to be low maintenance and is not maintained for native biological health or formal appeal, i.e., after snow events, these paths are the last to be plowed.

WINTER BIKE PATH MAINTENANCE

The goal of the Lincolnshire Public Works department over the winter season is to provide an open trail system in as timely a manner as possible. Ultimately, it is the Village's goal is to provide a plowed path as soon as possible. The primary focus is the North-South path along Riverwoods Road and East-West along Half Day Road due to schools and joggers/walkers.

Snow Removal Policy

- It is the Villages policy to provide snow removal to paths identified as critical transportation corridors for safe travel to schools and commerce areas within 48 Hours after roadway snow removal operations are completed.
- Other connector paths and neighborhood paths will be addressed within 72 hours after roadway snow removal operations are complete
- It is not the Village's policy to plow internal paths located within Village Parks.
- It should be noted the Village does not apply salt to Village pathways.
- During the winter season, pedestrians should use the path at their own risk.

Capital Improvement

The importance of maintaining bicycle and pedestrian safety and enjoyment through a pro-active path maintenance plan cannot be understated. Therefore, a bike path maintenance component shall be included in the Village's 10-Year Capital Improvement Plan. It shall be the goal of the Village to develop construction cost estimates for future trail system linkages, identifying priority segments to connect large areas to trip destinations and prepare a maintenance schedule for existing and future paths.

MAINTENANCE LEVELS, OBJECTIVES AND PROCEDURES

The activities listed below will be included in the regular maintenance of the bike paths throughout the year. Additionally, the Village will track any complaints received from bike path users in order to maintain a database of path areas that require attention. Inspections of trails will be completed on a periodic basis to identify and prioritize path system maintenance needs.

Item	Estimated Frequency
• Trash Pick-Up	Monthly or as needed
• Remove fallen trees	As needed
• Bollard repair or replacement	As needed
• Pavement Sweeping	Monthly or as needed
• Weed Control	2X per year
• Tree Pruning	As needed
• Sign Replacement	As needed
• Clean Storm Drains	1X per year
• Pavement sealing/repaving	Every 3-5 years or as needed

LEVEL ONE MAINTENANCE

Maintenance Goal: Maintain a safe and open surface for bicycle and pedestrian travel at all times.

Bike Paths:

- North-South path along Riverwoods Road.

Description of Maintenance Objectives:

Keep path clear of debris, overhanging plant growth, accumulated snow and maintain a safe surface for bicycle and pedestrian travel at all times.

Current Maintenance Procedure

Spring Maintenance (March 1st - May 1st)

1. Inspect the path as soon as weather permits
2. Inspect all trees located within the fall zone of the path
3. Repair any winter damage from plowing
4. Remove all dead fall, i.e. twigs, branches etc.
5. Complete any necessary patching or surface repairs
6. Check all crosswalk striping
7. Check all signage for repair needs
8. Empty Garbage Cans (Weekly)

Summer Maintenance (May 1st – September 30th)

1. Prune overhanging growth or line-of-site issues as necessary
2. Mow road shoulder once per month
3. Inspect and repair surface
4. Check all signage for repair needs
5. Monitor utility company construction projects for safety issues and prompt repair
6. Inspect and maintain all drainage systems related to the path
7. Empty Garbage Cans (Weekly)

Fall Maintenance (October 1st – December 30th)

1. Mow road shoulder once per month until no longer necessary
2. Inspect path for possible hazards related to snow removal operations
3. Participate in late fall pruning of the path shoulder areas.
4. Empty Garbage Cans (Weekly)

Winter Maintenance (January 1st – February 28th)

1. Snow removal occurs during each event of 2" or more
2. Less than 2" snow removal occurs during the next regular work day
3. Prune back plants along entire path as necessary
4. Empty Garbage Cans (Weekly)

LEVEL TWO MAINTENANCE

Maintenance Goal: Maintain a safe and open surface for bicycle and pedestrian travel.

Bike Paths:

- Memorial Park to Berkshire Lane
- East-West on north side of Route 22, Village Hall to Riverwoods Road
- Cedar Lane to Yorkshire Lane, west side of Riverwoods Road
- North Village Green to East-West Bike Path, north side of Olde Half Day Road
- South Village Green to Village Hall, south side of Olde Half Day Road

Description of Maintenance Objectives:

Keep path clear of debris, overhanging plant growth, accumulated snow and maintain a safe surface for bicycle and pedestrian travel within two (2) work days of notification of an obstruction.

Current Maintenance Procedure

Spring Maintenance (March 1st - May 1st)

1. Inspect the path as soon as weather permits
2. Inspect all trees located within the fall zone of the path
3. Repair any winter damage from plowing
4. Remove all dead fall, i.e. twigs, branches etc.
5. Complete any necessary patching or surface repairs
6. Check all crosswalk striping
7. Check all signage for repair needs
8. Empty Garbage Cans (Weekly)

Summer Maintenance (May 1st – September 30th)

1. Prune overhanging growth or line-of-site issues as necessary
2. Mow road shoulder once per month (if applicable)
3. Inspect and repair surface
4. Check all signage for repair needs
5. Monitor utility company construction projects for safety issues and prompt repair
6. Inspect and maintain all drainage systems related to the path
7. Empty Garbage Cans (Weekly)

Fall Maintenance (October 1st – December 30th)

1. Mow road shoulder once per month until no longer necessary
2. Inspect path for possible hazards related to snow removal operations
3. Participate in late fall pruning of the path shoulder areas.
4. Empty Garbage Cans (Weekly)

Winter Maintenance (January 1st - February 28th)

1. Snow removal occurs during the next regular work day
2. Prune back plants along entire path as necessary
3. Empty Garbage Cans (Weekly)

LEVEL THREE MAINTENANCE

Maintenance Goal: Maintain a safe and open surface for bicycle and pedestrian travel.

Bike Paths:

- Brampton Lane to Briarwoods Lane to Durham Court
- Northampton Lane to Riverwoods Road
- Whitmore Lane to Brampton Lane
- Whytegate Court to Brampton Lane
- Dukes Lane to North-South path, east side of Riverwoods Road
- Oxford Drive to Riverwoods Road, south side of Route 22
- Riverwoods Road to Hewitt Drive, north side of Route 22

Description of Maintenance Objectives:

Keep path clear of debris, overhanging plant growth, accumulated snow and maintain a safe surface for bicycle and pedestrian travel within three (3) work days of notification of an obstruction.

Current Maintenance Procedure

Spring Maintenance (March 1st - May 1st)

1. Inspect the path as soon as weather permits
2. Repair any winter damage from plowing
3. Complete any necessary patching or surface repairs
4. Check all signage for repair needs

Summer Maintenance (May 1st – September 30th)

1. Prune overhanging growth or line-of-site issues two (2) times per growing
2. Inspect and repair surface
3. Check all signage for repair needs
4. Monitor utility company construction projects for safety issues and prompt repair

Fall Maintenance (October 1st – December 30th)

1. Inspect path for possible hazards related to snow removal operations Prune overhanging growth or line-of-site issues two (2) times per growing

Winter Maintenance (January 1st – February 28th)

1. Snow removal occurs within three (3) regular working days
2. Prune back plants along entire path as necessary



VILLAGE OF
L I N C O L N S H I R E

Open Space Information

Natural open space is a 'wild' open space with native vegetation intact or habitat that has been restored to a natural state. These areas are often large, greater than 40 acres that promote passive recreational uses including trail construction and extension, benches, restrooms, bike racks, signage, and native landscaping.

Their primary function is connecting habitat and preserving a variety of natural habitats (e.g. wetlands, riparian corridors, lakes or ponds, native grass lands, floodplains, etc.).

Examples of Natural Open Space Areas include Florsheim Park and Rivershire Park.

The primary functions for open space in Lincolnshire should be to:

- Protect waterways, wetlands, and wildlife habitat.
- Provide access to natural areas and create wildlife viewing opportunities.
- Preserve views and view corridors.

It is the intent of the Village to balance staffing, resources and ecological need with regards to open space management. As a result, Staff has identified the following four areas of primary focus as it relates to Open Space Management:

Trail Maintenance – The Florsheim Park trail should provide quality recreational and educational opportunities for residents. Staff recommends that the path areas in all of our natural areas be inspected and chips replaced in areas less than two inches. Additionally, the path surface should be inspected for weeds and removed accordingly.

Hazardous Tree Removals – Staff recommends a goal to remove any potentially hazardous trees within our defined Natural Areas that pose a high risk of failure or fracture resulting in damage or injury to people or property. Take in mind that a hazardous tree in the middle of one of our designated natural areas may have a high potential for failure, but the chance it will cause damage to property and or people is low. That same tree located near a natural trail or pathway could do severe damage. Tree removals are an integral part of any good forestry management program, and I firmly believe this would be an ideal management strategy for our Natural Areas.

Prescribed Burns – There are many ecological benefits to prescribed or controlled burns. The fire stimulates growth of grasses and makes way for the proper amount of sunlight needed for the regeneration of Oak trees. In many of our natural areas such as Florsheim Park and North Park, spring and fall burns have traditionally been more effective.

Invasive Weed Removal – Removal of non-native or hazardous woody vegetation, namely buckthorn, is essential because of the fact that these weeds restrict sunlight thus prohibiting the growth and development of native plants and trees

The Village of Lincolnshire contracts its natural area maintenance on an hourly rate basis, plus cost of any herbicides, adjuvants, surfactants or related chemicals, to complete natural areas maintenance and management of herbaceous invasive plants in the North Park/Florsheim/Old Mill Nature Preserves located in the Village of Lincolnshire.

In general, the Village utilizes the following methods to control invasives:

Chemical Control

The majority of the work included in this project shall consist of chemical application to control selected target species. All herbicides shall be applied according to the manufacturers label specifications.

All herbicides shall be applied with a non-ionic surfactant, water conditioner (if specified on the label), and a pH Balancer

1. Wick Application - Wick applications generally require a higher percent concentration of chemical application compared to other application methods. A wick application shall be used on target species such as Cattails, Common Reed, Canada Thistle, Oriental Bittersweet, Leafy spurge, Crown vetch, Yellow Iris, Japanese Knotweed, Hedge Parsley, Garlic Mustard, Yellow and White Sweet Clover, Purple Loosestrife and Teasel.
2. Backpack Spray Application - The use of a portable backpack and spray wand/nozzle that can be used to selectively spot spray or broadcast spray target species. Spray applications generally use a lower percent concentration of chemical application compared to a wick application.

Cultural Control

1. Hand Pulling – Hand pulling is used to remove target species as determined by the Village. Any hand pulling shall be bagged and removed from the site.
2. Seed Head Removal – Cut and removal of all mature seed heads is required. Any seed heads removed are bagged and removed from the site. A follow-up application of herbicide is utilized to kill the target species.

Target Species

Common Name

Reed Canary Grass	Garlic Mustard
Cattails	Yellow Iris
Common Reed	Canada Thistle
Teasel	Japanese Knotweed
Oriental Bittersweet	White Sweet Clover
Leafy Spurge	Yellow Sweet Clover
Crown vetch	Japanese Hedge Parsley
Purple Loosestrife	

Herbicides

Village Staff is responsible for mixing and preparing herbicide mixes according to label instructions and prior to traveling to the project site. Below are some of the herbicides the Village utilizes to control invasives:

- Transline
- AquaMaster/Aquaneat
- Round-up
- Journey
- Vantage
- Garlon 3A
- Garlon 4
- Habitat

An aquatic-approved Glyphosate herbicide, i.e., Aquamaster or Habitat shall be used to treat all populations growing in or near standing water. The Village uses a dye in the herbicide mix to help identify where herbicide has been previously applied.

Treatment Protocol

The Village identifies all target species before they are cut or herbicided.

Weather Conditions

The Village adheres to the following protocol when determining whether conditions are appropriate for chemical application:

- a. Wind speeds within the label specifications at the project site.
- b. Daytime temperature is below label recommendations (critical for herbicides that volatilize)
- c. Herbicide shall not be applied if the likelihood of precipitation is greater than 40% within the next 12 hours, unless otherwise directed by the Village.
- d. If weather conditions are questionable, the decision to proceed shall be left to the discretion of the Village.

Application shall be done by State of Illinois Licensed Pesticide Operator or Applicator only.

Performance

The Village's goal is to achieve 95% kill of all target species at all locations throughout the site.

Project Schedule

The Village shall utilize best management practices and appropriate timing to reduce impact to non-target species.

Materials Storage and Handling

No equipment and materials are allowed to be stored on any work site or any portion of the Village. Herbicide shall not be mixed at the project site.

Access

The Village shall designate all access points prior to performing any work. Access points shall be selected to minimize potential damage to desirable vegetation.

Notification

The Village shall be notify appropriate Staff and residents at least 24 hours before the start of any work.

Personnel and Public Safety

The Village shall install signs on public roadways shall conform to all applicable IDOT signage specifications. Appropriate caution shall be taken when work is performed near trails, utilities and roads.

Labels and MSDS – Herbicide applicators shall have on the work site the appropriate herbicide labels and Material Safety Data Sheets (MSDS) for the chemical being applied. All herbicide applications shall follow appropriate label instructions.

Safety Equipment – The Village shall ensure that the following safety equipment is available at the project site at times for personnel involved in this project:

- First Aid Kit
- Portable emergency eye wash station
- Chemical Spill Kit

Procedures for Herbicide Spill Containment – An emergency spill kit, with directions for use, shall be present when herbicides are being mixed, transported, and applied. Employees will be trained in the use of the spill kit prior to initiation of operations.

The spill kit shall contain the following equipment:

- Shovel
- Broom
- Ten pounds of absorbent material
- Box of large plastic bags
- Nitrile Gloves
- Signage and Public Notification of Herbicide Treatment

The Village shall post herbicide application signs immediately after herbicide application in treated areas. Signs shall remain posted for duration of not less than twenty-four (24) hours and not more than forty-eight (48) hours after the time of herbicide application.

Field Inspection and Monitoring

The Village shall conduct periodic inspections to verify that the target species is being effectively removed, herbicide solutions are properly applied, and native species and sensitive areas are protected. The Village shall inspect all herbicide treatments within two-four (2-4) weeks after the completion.

Evaluation of Herbiciding Results

Field inspections shall occur 2-4 weeks following an herbicide treatment application, depending on herbicide applied. Percent kill shall be determined by visual estimate by the Village.

Schedule of Annual Maintenance Activities

Below is a schedule of annual activities that said contractor should utilize when planning yearly maintenance:

October 15th-November-15th

Herbicide paths at North Park AM

Herbicide Garlic Mustard at Rivershire

Herbicide cattails North Park detention pond and drainage swale by North Bridge

Herbicide thistle along path at North Park

Herbicide garlic mustard at Florsheim

Herbicide buckthorn at Farrington Ln and Stafford Ct. path

Herbicide buckthorn east at North Park south bridge

Herbicide buckthorn resprout west at North Park south bridge

Herbicide garlic mustard at Rivershire

Herbicide garlic mustard at Old Mill Woods

Herbicide buckthorn at Old Mill Woods

Herbicide thistle at Old Mill Woods

January 1st-January 30th

Rechip path at Florsheim

Rechip path at Florsheim

Weed whip and rake buffer along boardwalks at North Park and Florsheim

Cut and remove ragweed in North Park parking lot



VILLAGE OF
L I N C O L N S H I R E

Maintenance Standards

The Village of Lincolnshire is responsible for maintaining all of the parks, trails and open space areas in Lincolnshire along with all of the Village's public buildings. The Village will need monitor its maintenance responsibilities and should not construct new Village maintained facilities without providing the proper level of maintenance staffing.

The Public Works Department should adopt an on-going inspection process in order to monitor and predict maintenance needs for existing and new parks, open space, trails, and grounds landscape areas to ensure that budgeting for all new facilities includes adequate provisions for maintenance.

Provided below are inspections forms for the Village's Parks and Paths.

The goal is for Staff to inspect each Park and Path with as much detail as possible in an effort to identify issues, document them through the Village's work order system and address each issue accordingly.

DRAFT

PARKS INSPECTION FORM:

Lincolnshire Park

DATE: _____

INSPECTION BY: _____

Playground Surface Area	Yes	No	Needs Repair	Date Repaired
Does the Playground need safety surface?	<input type="checkbox"/>	<input type="checkbox"/>		
Footing exposed, cracked or loose in ground?	<input type="checkbox"/>	<input type="checkbox"/>		
Fall/zone around playground {6 ft. Perimeter}?	<input type="checkbox"/>	<input type="checkbox"/>		
Trip hazards, tree roots or rocks in play area?	<input type="checkbox"/>	<input type="checkbox"/>		
Broken glass, trash, or foreign objects in play area?	<input type="checkbox"/>	<input type="checkbox"/>		
General Condition/Appearance of Play Area?	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			

Play Structure	Yes	No	Needs Repair	Date Repaired
Broken supports or anchors?	<input type="checkbox"/>	<input type="checkbox"/>		
Pipe ends missing plugs or caps?	<input type="checkbox"/>	<input type="checkbox"/>		
Broken or missing rails/rungs/steps?	<input type="checkbox"/>	<input type="checkbox"/>		
Protruding bolt heads or threads?	<input type="checkbox"/>	<input type="checkbox"/>		
Loose, missing, worn or rusted bolts/nuts?	<input type="checkbox"/>	<input type="checkbox"/>		
Loose, missing, worn or rusted other fasteners?	<input type="checkbox"/>	<input type="checkbox"/>		
Broken Clamps?	<input type="checkbox"/>	<input type="checkbox"/>		
Peeling or chipped paint?	<input type="checkbox"/>	<input type="checkbox"/>		
Entrapment pinch or crush points?	<input type="checkbox"/>	<input type="checkbox"/>		
Vinyl coated decks/platforms/steps have visible cracks or peeling?	<input type="checkbox"/>	<input type="checkbox"/>		
Excessive wear of any components/ Sliding parts?	<input type="checkbox"/>	<input type="checkbox"/>		
Splintered/checking or warped wood?	<input type="checkbox"/>	<input type="checkbox"/>		
General Condition/Appearance of Structures?	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			

Swings	Yes	No	Needs Repair	Date Repaired
Broken, twisted, worn, or rusted chain?	<input type="checkbox"/>	<input type="checkbox"/>		
Inadequate non-commercial 4-0" chain?	<input type="checkbox"/>	<input type="checkbox"/>		
Worn, rusted or broken swing hangers?	<input type="checkbox"/>	<input type="checkbox"/>		
Open, worn or rusted S hooks?	<input type="checkbox"/>	<input type="checkbox"/>		
Worn or rusted grommet?	<input type="checkbox"/>	<input type="checkbox"/>		
Inadequate fall zone around swings?	<input type="checkbox"/>	<input type="checkbox"/>		
Missing, worn or cracked swing seats?	<input type="checkbox"/>	<input type="checkbox"/>		

Swings Cont.	Yes	No	Needs Repair	Date Repaired
Swing frame damaged?	<input type="checkbox"/>	<input type="checkbox"/>		
Swing chain wrapped around swings?	<input type="checkbox"/>	<input type="checkbox"/>		
Swing frame loose in footing?	<input type="checkbox"/>	<input type="checkbox"/>		
Safety surface worn or scattered?	<input type="checkbox"/>	<input type="checkbox"/>		
Missing or protruding bolts?	<input type="checkbox"/>	<input type="checkbox"/>		
General Condition/ Appearance of Swings?	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			

Slides	Yes	No	Needs Repair	Date Repaired
Slide areas have imperfections?	<input type="checkbox"/>	<input type="checkbox"/>		
Handrails loose or missing?	<input type="checkbox"/>	<input type="checkbox"/>		
Steps cracked, broken or missing?	<input type="checkbox"/>	<input type="checkbox"/>		
Sit-down transition platform present?	<input type="checkbox"/>	<input type="checkbox"/>		
Safety rails functional/safe?	<input type="checkbox"/>	<input type="checkbox"/>		
Slide exit parallel to ground?	<input type="checkbox"/>	<input type="checkbox"/>		
Safety surface at slide exit worn away?	<input type="checkbox"/>	<input type="checkbox"/>		
Fall zone adequate on all sides?	<input type="checkbox"/>	<input type="checkbox"/>		
General Condition/Appearance of Slides?	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			

Spring Riders	Yes	No	Needs Repair	Date Repaired
Coil or 'C' spring loose?	<input type="checkbox"/>	<input type="checkbox"/>		
Coil or 'C' spring broken?	<input type="checkbox"/>	<input type="checkbox"/>		
Spring rider broken?	<input type="checkbox"/>	<input type="checkbox"/>		
General Condition/Appearance of spring riders?	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			

Misc. Items for General Maintenance & Inspection	Yes	No	Needs Repair	Date Repaired
Are the following in Good Condition?				
Bleachers?	<input type="checkbox"/>	<input type="checkbox"/>		
Player Benches?	<input type="checkbox"/>	<input type="checkbox"/>		
Basketball surface, backboard, rim & nets?	<input type="checkbox"/>	<input type="checkbox"/>		
Picnic Tables, seats and tops?	<input type="checkbox"/>	<input type="checkbox"/>		
Park Benches?	<input type="checkbox"/>	<input type="checkbox"/>		
Grills?	<input type="checkbox"/>	<input type="checkbox"/>		
Signs?	<input type="checkbox"/>	<input type="checkbox"/>		
Drinking fountains?	<input type="checkbox"/>	<input type="checkbox"/>		
Baseball & Softball backstops and fencing?	<input type="checkbox"/>	<input type="checkbox"/>		
Baseball & Softball bases and equipment?	<input type="checkbox"/>	<input type="checkbox"/>		
Outdoor Volleyball posts and nets?	<input type="checkbox"/>	<input type="checkbox"/>		
Playground Timber Edging?	<input type="checkbox"/>	<input type="checkbox"/>		

VILLAGE OF LINCOLNSHIRE – BIKE PATH INSPECTION FORM

This inspection should be performed two (2) times per year in April and October. It is not intended to be a replacement for ongoing inspections of the paths, but rather a more thorough, documented inspection.

Date: _____

Inspected By: _____

Path Name: _____

Item	Condition
------	-----------

Trail Signage _____	Good _____	Poor _____
Trail Surface _____	Good _____	Poor _____
Trail Mowing _____	Good _____	Poor _____
Trail Pruning _____	Good _____	Poor _____
Tree Obstructions _____	Good _____	Poor _____
Trash _____	Good _____	Poor _____

COMMENTS



VILLAGE OF
L I N C O L N S H I R E

Additional Items for Consideration

ADDITIONAL ITEMS FOR CONSIDERATION

Outside of the "Specific Parks Recommendations", there are several additional parks related items for consideration which are detailed in the table below:

1. **Pets in Village Parks** – For several years, pets have not been allowed in Village Parks as it is prohibited per Village Code. Section 8-1-5L Prohibited Acts and Condition states the following:

"It shall be unlawful for any person to bring a pet or animal, including dogs, into any of the village parks, park facilities, Natural Areas, or Nature Preserves. The penalty to be assessed at a cost as established in the Comprehensive Fee Schedule set forth in Chapter 15 of Title 1 of this Code. The provisions of this section shall not apply to officers, agents and employees of the Village in the course of Village Business."

One of the main reasons pets were not allowed in Parks is that several years ago, patrons brought pets to Village Parks and did not clean-up after their pets.

Staff is asking for Park Board direction on whether or not the Village wants to re-visit this restriction. Additionally, Staff would like to know if this restriction applies to Special Events (i.e. Heroes Night)

2. **North Park Tennis Court Area** – In 2019, the Village was in the process of having a contractor resurface the tennis courts at North Park. In the process of resurfacing, the contractor discovered that there was no sub-base underneath the entire tennis court area.

As a result, this led to a significant change in price to replace the tennis court which more than doubled the cost of the project.

The Village Board made the decision to continue with the removal of the existing court and not move forward with installing a tennis court.

Below is a photo of the existing court area:



Below are photos of the court area in its current condition:



Staff surveyed resident's on what they would like to see at the 2019 Boo Bash event and the number one voted on amenity was a splash pad.

After a review of past surveys and information, Staff discovered that there were four (4) options that were most desired which are as follows:

Splash Pad: A Splash Pad is a water recreation area, often in a public park, for water play that has little or no standing water. A benefit to the Splash Pad consists of eliminating the need for lifeguards or other supervision, as there is little risk of drowning. Typically there are ground nozzles that spray water upwards out of the splash pad's rain deck. Staff believes a Splash Pad would be a huge hit in Lincolnshire since there has never been a public pool in town.



There are currently two types of splash pads which are “Water-to-Waste” systems and “Recirculation” systems. Staff has reached out to splash pad construction companies and has included cost estimates for each type of splash pad at North Park.

Water-To-Waste Splash Pad - uses municipal water. Once the water is used, it drains away.

Estimated Cost for Amenity: \$250,000

Estimated Cost for Annual Maintenance : \$15,000-\$20,000

Staff Required: None

Testing Required: None

Recirculation Splash Pad - uses municipal water to fill reservoir and for make-up water. Water is filtered, chlorinated, balanced (pH) and re-used.

Estimated Cost for Amenity: \$500,000

Estimated Cost for Annual Maintenance : \$25,000-\$50,000

Staff Required: 1-2 People

Testing Required: Daily Testing Required to measure ph levels

Additionally, Staff believes a splash pad installation would possibly re-vitalize the idea of a concession area at least during the season.

Funding Options

Staff has identified an OSLAD Grant administered through the IDNR (Illinois Department of Natural Resources) which may pay for up to \$400,000 worth of funding towards a splash pad project. Furthermore, Staff has been in touch with a consultant which could manage the grant application and oversee the bidding and construction of a potential splash pad project. The consultant has a 92% success rate at obtaining funding on these types of projects. This application period opens on May 1, 2020 so it is imperative that the board make a decision in order to improve our chances of obtaining funding. The grant application is due July 1, 2020.

Ice Rink/Splash Pad Combo: This option would consist of construction of an Ice Rink for winter use which would double as a Splash Pad for spring/summer use. The splash pad would consist of stand alone jets or removable above ground features. There is currently only one (1) identified company Custom Ice Inc. of Ontario, Canada www.customrinks.com which constructs this type of amenity. Staff would also investigate potential grant options if the Park Board were to choose this type of amenity.



Lancaster Park, Ohio – Winter



Lancaster Park, Ohio – Spring/Summer



Cone Park, Iowa – Winter



Cone Park, Iowa – Spring/Summer

Estimated Cost for Amenity: \$450,000-\$550,000

Estimated Cost for Annual Maintenance: \$4,000-\$6,000

Platform Tennis: Platform tennis is a game similar to tennis but played with a smaller court. The court has no doubles lanes and the net is placed lower. Platform tennis is played with a solid paddle as opposed to a strung racquet, and a depressurized tennis ball is used.



Glenview, Wilmette, River Forest, Park Ridge and Lake Bluff Park Districts have all completed construction on platform tennis courts within the past two years. Staff has reached out to multiple Platform Tennis companies and has included a cost estimate proposal for a platform tennis court at North Park.

Estimated Cost for Amenity: \$400,000-\$500,000

Estimated Cost for a Paddle Hut: \$125,000

Estimated Cost for Annual Maintenance - \$10,000-\$15,000

Batting Cages: Due to the popularity of Lincolnshire Baseball, Staff believes another potential option would be to install multiple lanes of batting cages and potential a pitching tunnel, in this area. The Lincolnshire Sports Association would be a strong supporter of a batting cage/pitching tunnel area and may even be willing to cost share on this project.



Estimated Cost for Amenity: \$150,000-\$200,000

Estimated Cost for Annual Maintenance: \$3,000-\$5,000

Pickle Ball : Pickle Ball is a paddle sport that combines elements of tennis, badminton, and table tennis. Two or four players use solid paddles made of wood or composite materials to hit a perforated polymer ball, similar to a Whiffle Ball, over a net. The sport shares features of other racquet sports, the dimensions and layout of a badminton court, and a net and rules somewhat similar to tennis, with several modifications.



Estimated Cost for Amenity: \$100,000-\$125,000

Estimated Cost for Annual Maintenance: \$5,000-\$10,000

Once the Park Board identifies a project to move forward on, Staff will incorporate that project into a future year capital project in the 10-Year Capital Improvement Plan.

3. **Poured In Place Safety Surface** – Currently, all of the playgrounds in Lincolnshire have regular “wood chip” material safety surface in the Parks. The Village spends between \$5,000-\$7,000 annually to refurbish safety surface in 1-2 parks per year.



Estimated Cost for Amenity: \$75,000 (per park)

Staff estimates that each Park would cost approximately \$75,000 to convert the surfaces to the poured in place material.

4. **Rivershire Park Site Improvements** – As a result of the old Rivershire Park Nature Center demolition in 2018, the site itself located at 45 Londonderry Lane is in need of several improvements. A summary of the improvements are as follows:

Staff is asking the Park Board for consideration and approval of proposed changes to the Rivershire Park site located at 45 Londonderry Lane. The changes proposed will include both walking path improvements as well as a better and more defined delineation of the pathway areas themselves. One of the major issues Public Works Staff has faced with the site at 45 Londonderry has been the ambiguity of pedestrian pathways and restricted access areas. Staff believes expanding the maintenance yard and limiting access to the site will improve Public Works Operations and eliminate a significant amount of risk associated with residents and non-personal cutting through the maintenance yard area. Staff believes the proposed changes will solve these issues and keep the pathways a safer and more defined amenity.

Rivershire Park Objectives

- To create a unique outdoors experiential path for residents of the Village of Lincolnshire.
- To optimize the current walking path at Rivershire Park.
- To accept the flood plains for what they are and use materials that will allow for minimal maintenance expenses.
- To create a phased approach to the implementation of this path.

Approach/Design Considerations

1. Focal Points that will create a varied experience
2. Butterfly house environment that helps the village with its Monarch Butterfly Initiative
3. Use of evergreens to enhance the environment and delineate the Public Works Department maintenance yard.
4. Create a path that potentially includes the following amenities:
 - Wildlife Observation points
 - Rest stops
 - Butterfly environment

The Village has received input from the Village Garden Club who provided the following photos of milkweed that may provide a pleasant aesthetic experience for path users in this area:



Site Overview: Below is a map of the site for discussion purposes:



Change #1 – Change Existing Path/Restrict Access to Maintenance Yard

Staff feels that a better delineation of the pathway areas that begin at Coldstream Circle and extend to Londonderry Lane is needed. Staff proposes to install either split rail or new fencing in new areas and provide fencing on both sides to restrict access to areas that pose a danger and hazard to residents.

Below are examples of some of the dangerous areas within the maintenance yard which could pose hazards to residents:



Below are several areas that detail the fencing and improvements:

Path Area #1



Path Area #2



The areas shown above detail the beginning of the path area. Staff would plan to install red rotten granite down the path entrance and flagstone stairwell area. Wood chips would be installed leading up to the bridge area.

Path Area #3



Path Area #4



Public Works Staff would plan to cut our SOD, install woodchips and several new sections of fencing and finally apply wood chips as needed to help better delineate a path area. There would also be a pathway blocked off which would keep people out of a highly vegetative area.

Path Area #5



Path Area #6



More wood chips and fencing would be installed in this area to delineate the pathway leading up to the bridge. Another section of fence would be installed to deter people from walking around the path area leading up to the maintenance yard.

Path Area #7



Path Area #8



Path Area #9



Path Area #10

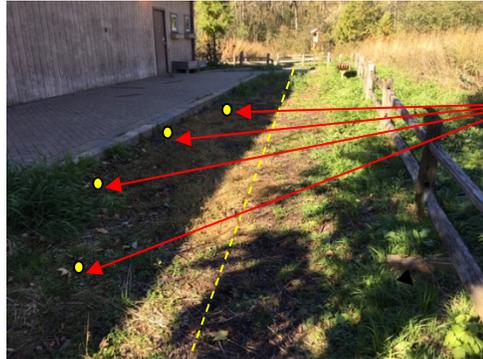


The path areas above would have additional fencing installed on the side opposite the existing fencing in an effort to better define the path areas. Additionally, certain sections of fencing would be removed and re-installed to keep people out of the demonstration prairie area.

Path Area #11



Path Area #12



Future Planting Locations

The area above details the existing maintenance building along with the end of the pathways. New fencing would be installed in areas as needed. Additionally, Staff would plan to install plantings to screen/separate the maintenance yard from pathway area.

Once the building is demolished, Staff would plan to begin re-defining the path areas and maintenance areas immediately. Staff would plan to install upright evergreens in the areas adjacent to the pathways to keep people from walking into the maintenance yard. Other areas would be defined by re-installation of new fence.

Rivershire Park Fencing Options

Staff is asking for direction from the Park Board on what type of fencing the board would like to see in this area. Currently there is split rail fencing installed through several areas throughout Rivershire Park. Below are two types of fencing for Park Board consideration:

Below are photos of the existing fencing at Rivershire Park:



Split Rail Fence - \$14.00 per linear ft.



Round Rail Wood Fence - \$16.00 per linear ft.



Estimated Cost for Amenity: \$50,000

Estimated Cost for Annual Maintenance : \$1,000-\$2,000

Any Future Improvements related to the pathways areas would budgeted appropriately and any plantings would be charged to the Village tree bank.

Staff believes expanding the maintenance yard and limiting access to the site will improve Public Works Operations and eliminate a significant amount of risk associated with residents and non-personal cutting through the maintenance yard area.

Staff requests that the Mayor and Board of Trustees consider the proposed changes as presented. Any future alterations to the Rivershire Park site could be discussed and/or recommended by the Park Board and/or Village Board.

Rivershire Park - Site Improvements



5. **Spring Lake Park Lifeguards** – Currently, the Village provides seasonal lifeguards at Spring Lake Park. The beach averages approximately 84 operating days per year. Beach operating expenses were \$30,000.00 in 2019. The beach took in revenue of approximately \$6,500.00 resulting in \$23,000.00 of expenses to run the beach each season. Hiring and retaining lifeguards each season has proven to be challenging to Village Staff. Staff is looking for direction from the Park Board on whether or not it feels it is both beneficial and/or needed to Staff Spring Lake Beach with lifeguards. A deciding factor could be whether or not the Park Board recommends a Splash Pad water type amenity at North Park. Other items to be considered regarding this decision would be the Illinois Department of Labor minimum wage which is scheduled to be \$13.00-\$15.00 per hour by 2025. This would increase the cost to operate Spring Lake Beach by thousands of dollars. Attached is a memorandum by Public Works Management Analyst Marc Facchini regarding Spring Lake Beach operations.



VILLAGE OF
L I N C O L N S H I R E

Parks Surveys

It shall be the direction of Village Staff to survey the community and solicit feedback from residents regarding the Village's Parks and Paths every 1-5 years or as needed. As part of this review, staff shall seek feedback and direction from the public in the form of a comprehensive online survey. The survey questions are designed to assess current park facilities, amenities, playground equipment and gather public feedback to diversify and better serve the needs and desires of the community.

Staff shall strive to make the survey available on the Village Website, social media and other communication channels available to draw a large participation.

The survey shall consist of multiple choice questions asking respondents to rank conditions of each of the Village's parks. The survey should also solicit feedback regarding playground equipment and other amenities. Staff should use guidance from the Park Board, Village Board and community with an ultimate goal of improving upon each of the Village's Parks.

Below is the most recent survey which was conducted in 2019. This survey reviewed and updated as necessary:

Parks and Paths Survey

1. Are you a Lincolnshire Resident
 - a. Yes
 - b. No
2. Do you or your family members use the Village parks?
 - a. Every day
 - b. 2-3 times a week
 - c. Once a week
 - d. 1-2 times a month
 - e. Never
 - f. Other _____
3. How often do you or your family members use a path in Lincolnshire
 - a. Every day
 - b. 2-3 times a week
 - c. Once a week
 - d. 1-2 times a month
 - e. Never
 - f. Other _____
4. How often do you or your family members visit Village parks?
 - a. Every day
 - b. 2-3 times a week
 - c. Once a week
 - d. 1-2 times a month
 - e. Never
 - f. Other _____
5. Do you or your family members visit the parks as part of your exercise or health routine?
 - a. Yes
 - b. No
6. How often do you or family members use the Village mixed recreation path systems (Half Day road, Riverwoods rd. trail) as part of your exercise or health routine?
 - a. Every day
 - b. 2-3 times a week
 - c. Once a week
 - d. 1-2 times a month
 - e. Never
 - f. Other _____

7. How often do you or family members use playgrounds equipment and basketball and/or tennis courts?
 - a. Every day
 - b. 2-3 times a week
 - c. Once a week
 - d. 1-2 times a month
 - e. Never
 - f. Other _____
8. Why do you or your family members visit the parks?
 - a. Playgrounds
 - b. Relaxation
 - c. Exercise
 - d. Athletics/sports
 - e. Other
9. Do you use the parks for Lincolnshire Sports Association (LSA) athletics? Please select all that apply.
 - a. House leagues
 - b. Travel leagues
 - c. Unorganized informal sports

10. Please rate the quality of playground equipment at the following Village Parks:

Balzer Park – 30 Windsor Drive:

Poor		Average		Excellent
1	2	3	4	5

Bicentennial Park – 45 Fox Trail:

Poor		Average		Excellent
1	2	3	4	5

Old Mill Park – 100 Fallstone Drive:

Poor		Average		Excellent
1	2	3	4	5

North Park – 1025 Riverwoods Road:

Poor		Average		Excellent
1	2	3	4	5

Spring Lake Park – 49 Oxford Drive:

Poor		Average		Excellent
1	2	3	4	5

Whytegate Park – 299 Whytegate Court:

Poor		Average		Excellent
1	2	3	4	5

11. Please rate the overall conditions of athletic fields at North Park in dry conditions:

- a. Excellent
- b. Average
- c. Below average, please explain _____

12. Please rate the overall conditions of athletic fields at North Park after a rain event:

- a. Excellent
- b. Average
- c. Below average, please explain _____

13. What are your thoughts on artificial turf athletic fields at North Park in the Village?

- a. Supportive
- b. Neutral
- c. Not supportive, please explain _____

14. Have you experienced difficulty using facilities such as tennis or basketball courts at any parks?

- a. Yes please explain _____
- b. No

15. Are there any desirable locations in the Village not accessible by bikes due to a lack of trail access?

- a. Yes, please explain
- b. No

16. How would you rank the current conditions of the Village's parks and paths?

- a. Excellent
- b. Average
- c. Below average, please explain

17. How would you rank the overall condition/quality of the Village's parks?

- a. Excellent
- b. Average
- c. Below average, please explain

18. How would you rank restroom cleanliness at the Village's parks?

- a. Excellent
- b. Average
- c. Below average, please explain

19. How would you rank your overall satisfaction with Village parks?

- a. Excellent
- b. Average
- c. Below average, please explain

20. What amenity or feature would you like to see added to a Village park that is not currently offered?

- a. Please list, if any



VILLAGE OF
L I N C O L N S H I R E

Park Board Structure

VILLAGE PARK BOARD

Board Structure: The Village Park Board was established in 1971 and consists of seven (7) members and one alternate member who shall be appointed by the Mayor, subject to the approval of the Village Board. The Mayor shall designate one of the member's chairman of the Park Board subject to the approval of the Village Board.

All members of the Park Board and the Park Board alternate shall be residents of the Village. The appointed citizen members shall serve for a period of three (3) years. An alternate member shall be appointed for a term of one year. The Village Park Board shall serve without compensation.

Procedures: Following their appointment, the members of the Village Park Board shall meet and adopt, change or alter, rules and regulations of organization and procedure consistent with Village ordinances and Illinois State laws.

Powers and Duties: The Village Park Board shall have the following powers and duties subject to the approval of the Village Board:

- To provide and supervise the care and maintenance of all Village property designated for park or recreational use.
- To prepare and recommend to the Village Board from time to time plans and projects for specific improvements of the park and recreational facilities.
- To establish such rules and regulations that are deemed necessary in order to provide for the health and safety of the residents using the park.
- To manage and administer all plans, programs, projects and activities delegated to it by the Village Board, as authorized and directed by the Village Board.

Meetings: The Park Board shall meet once per month on the 3rd Monday of each month.

Park Board Tours: The Village Park Board shall conduct tours of the Village's Parks on an annual basis. It is at these tours that outside organizations should make requests for upcoming year capital purchases and/or projects.

DEFINITIONS

Athletic Facility: Athletic Facilities are special purpose parks which are Village-owned and provide recreational and open space facilities. These facilities are designed to serve a specific purpose, such as athletic fields, aquatic facilities, and indoor ice skating or hockey facilities.

Community Park: These parks are typically 20 to 40 acres in size. Community parks are typically drive-to facilities that serve multiple neighborhoods. They are characteristically located along major transportation routes and have on-site parking (50 spaces or more). Community Parks often contain natural areas with trails and pavilions for group picnics and may include special facilities such as a recreation center, skate park, swimming pool, or a splash pad.

Open Lands Park: Open Land sites are properties designated as parks that have few or no built amenities, but provide natural areas or open space that can be utilized for passive recreation. These parks may have a trail, picnic tables and benches, but are dominated by open areas for the enjoyment of nature, fishing or other similar activities. While many park and recreation agencies may categorize storm water management sites as 'special use', they may also be categorized as Open Lands.

Passive Park: These parks are commonly classified as "low intensity recreation areas". Passive Parks emphasize the open-space aspect of a park and allows for the preservation of natural habitat. These parks usually involve a low level of development, such as rustic picnic areas, benches and trails.

Pocket Park: These parks range in size from ¼ to 2 acres and are typically found in high density areas. They are intended to be a walk-to facility that provides a small amount of recreation for the residents in their immediate vicinity. They typically include small play equipment, a picnic shelter and seating area.

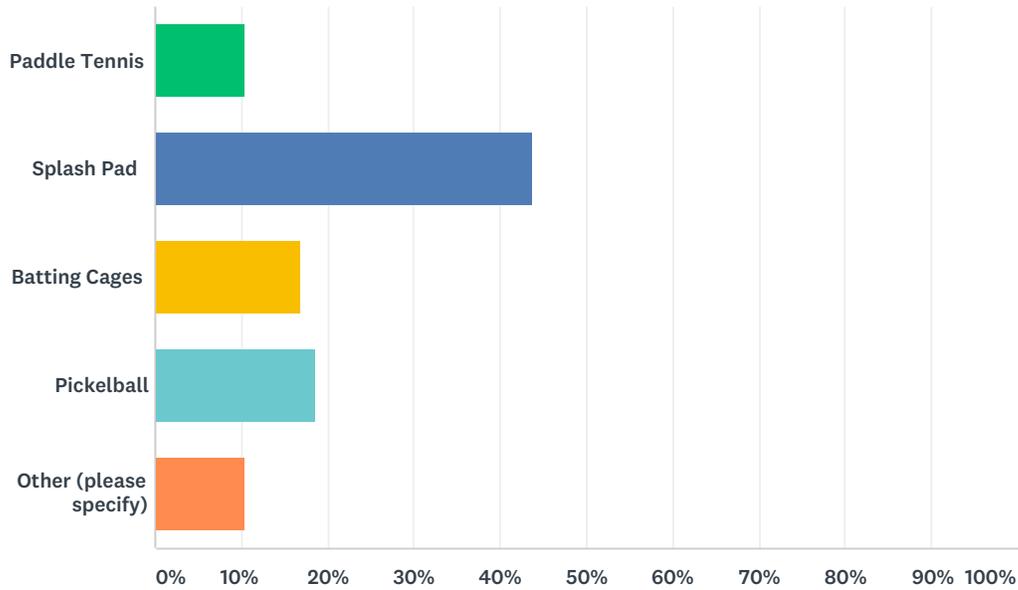
Neighborhood Park: These parks are typically 3 to 20 acres in size and are also intended to be walk to facilities, usually within a 1/2 to 1/4 mile of the homes they serve. They typically have a playground, an open turf area large enough for informal field sports and practices, a basketball and/or tennis court, picnic facilities, and sometimes a restroom and/or off-street parking. Neighborhood Parks are often accessed by a network of trails.

Dog Parks Survey

Municipality	Does your town have a specific dog park or dog exercise area?	Does your town allow dogs within other public parks or are they banned?	Do you have special "dog days" or other dog-friendly events in your public parks?
Antioch	No.	Allowed in All Parks.	Most events allow dogs to be present.
Fox Lake	No.	Allowed in All Parks.	No.
Grayslake	No.	Allowed in All Parks.	No.
Highland Park	Yes.	Only Allowed in Some Parks.	Yes.
Hoffman Estates	Yes, they are through the Hoffman Estates Park District.	Dogs are not allowed in playgrounds but are allowed in the parks.	Yes.
Morton Grove	No. Topic is under review.	Banned from All Parks. Topic is under review by our Park District	No.
Niles	No.	Banned from All Parks.	No.
Northbrook	Yes. The dog parks are controlled by the Park District.		
Park Ridge	Yes. The Park Ridge Park District is responsible for the dog park.	Banned from All Parks.	The Park District is responsible for these events, if any.
Rolling Meadows	No.	Allowed in All Parks. Park District Parks Too - on leash.	No.
Schaumburg	Yes. Owned by park district.	Allowed in All Parks.	Not sure. Park district is separate.
Wheeling	No.	Allowed in All Parks.	No.

Q1 Please Vote on the new amenity you would like to see at North Park

Answered: 356 Skipped: 0



ANSWER CHOICES	RESPONSES	
Paddle Tennis	10.39%	37
Splash Pad	43.82%	156
Batting Cages	16.85%	60
Pickelball	18.54%	66
Other (please specify)	10.39%	37
TOTAL		356



2500 SQFT COMMERCIAL FRESHWATER SPLASH PAD

VILLAGE OF LINCOLNSHIRE

c/o BRAD WOODBURY

LINCOLNSHIRE, IL

847-913-2381 / BWOODBURY@LINCOLNSHIREIL.GOV

Prepared For: JENNIFER HEFLIN / RAIN DECK





P: 800-985-3031
 F: 866-869-3942
 www.SplashZone.com

Proposal

Date: February 7, 2020
Contract #: SZ-21724-2020
Customer ID:

Contract pricing valid for 30 days
 Prepared by: B. Solomon for
 Jennifer Heflin/RD

Village of Lincolnshire
 c/o Brad Woodbury
 1 Olde Half Day Road
 Lincolnshire, IL 60069
 847-913-2381/ bwoodbury@lincolnshireil.gov

TURN-KEY PROJECT DESCRIPTION			
APRX 2500 SQ. FT. COMMERCIAL FRESHWATER SPLASH PAD LOCATED AT: VILLAGE OF LINCOLNSHIRE, IL (EXACT LOCATION TBD)			
RAIN DECK SO# 21724 (SEE RAIN DECK ESTIMATED SALES ORDER ATTACHED)			
Approx. 2500 square foot concrete slab (Wet Area) with minimum 4" thickness, reinforced with wire mesh or rebar, granular base and proper slope for drainage.			
Complete splash pad installation including all required plumbing material, spray nozzle install, above ground feature install, labor and other misc material.			
Electrical hook-up for controller(s), activator(s) and timers. Depending on local code requirements, there may be an additional cost.			
Splash Zone to perform system start-up, flush all nozzles and provide operation/ maintenance orientation for Client.			
Client to provide site ready construction area free from debris and obstructions. Client responsible for any rough grading. Splash Zone will provide minor grading as necessary.			
For Fresh water pads: The water flow on the splash pad will be limited to the size, volume and pressure of the water supplied by the client. It is the responsibility of the client to verify actual PSI and GPM's available. (Typical 2" Main Line provides between 55-127 GPM.)			
Minimum electrical service for controller(s), activator(s) and timer(s) provided by others and located in an accessible location for Splash Zone to hook-up equipment.			
Minimum 4" sewer stub-out to be provided by others and brought to an accessible location near splash pad.			
Utility room, vault or enclosure for equipment to be provided by others, unless stated otherwise in proposal/contract.			
Unless specifically stated, Payment and Performance bond are not included in this proposal; however, Splash Zone is pre-qualified to acquire at an additional cost if requested. Unless specified in writing, Splash Zone cannot guarantee an exact installation date. Projects will generally be scheduled after all required permitting is complete. Client to be named as additional insured on Splash Zone G/L policy with completed operations coverage. Unless specifically stated, all inspections, permits and permit fees are the responsibility of Client if required. Sales Tax is not included and will be billed seperately if required. This proposal is subject to change based on client changes. This proposal is not a guarentee of city, county or health code requirements. Any additional governmental requirements will be at an additional charge. Client is responsible for having the splash pad site "blue staked" (free service, call 811) before construction begins.			

RAIN DECK SPLASH PAD PRODUCT SALES ORDER #21724			\$57,009.50
CONSTRUCTION/ INSTALLATION			\$138,500.50
SALES TAX			
TOTAL			\$195,510.00

Signed: _____
 Splash Zone® LLC

Date: _____

Accepted: _____
 Owner (Client)

Date: _____

THANK YOU FOR YOUR BUSINESS!

Payment Schedule (or as otherwise agreed upon)

20% deposit due before work begins.	\$ 39,102.00
Progress billings.	\$ 136,857.00
10% final after client sign-off.	\$ 19,551.00
	\$ 195,510.00



Agreement for Construction of Splash Pad

This Agreement for the construction of a Splash Pad ("Agreement") is between the buyer of the Splash Pad ("Client"), on the one hand, and Splash Zone, LLC ("Contractor"), on the other hand. The terms and conditions of the Agreement are set forth below.

RESPONSIBILITY OF CLIENT

Client shall provide Contractor with adequate access and a site free of debris or obstacles prior to the start of the work. Client agrees to pay to Contractor all additional costs incurred as a result of Client's failure to so provide.

Client shall be responsible to protect all trees, shrubs and other plants which Client desires to save which occupy space to be used in the construction of the splash pad.

Client agrees to assume all liability for damage to driveway, curbs, walks, shrubs, sewers, sprinkler systems, drip lines, patio, underground utility lines, fences, decomposed granite, lawn or any rerouting of irrigation water.

Contractor is not liable for any damage to any part of the splash pad caused by irrigation water, vandals, or any other persons or things not within the control of the Contractor. Any splash pad equipment or appurtenances subject to this Contract delivered to the job site are the Client's property and if removed or stolen is Client's responsibility.

It shall be the responsibility of the Client to furnish a water source and power source for the construction of the splash pad.

Contractor is not responsible for unusual soil conditions including but not limited to the following: caliche, subterranean water, floatation of splash pad due to external water, granite, or other like and unusual sub-surface conditions, mass concrete, unusually large boulders or the like. Client agrees to pay an additional sum for these additional items and/or any associated changes as an additional cost to the contract price.

Grading and drainage beyond the splash pad area is the responsibility of the Client.

Excess soil will NOT be removed and will remain on the property unless otherwise specified in writing by Client before start of excavation.

With the exception of minor grading for the splash pad, Contractor is not responsible for supplying fill dirt or providing excessive grading unless specified in the contract.

Contractor agrees to construct the splash pad diligently, but Contractor shall not be responsible for delays or damages caused by failure to perform work or furnish materials or equipment due to acts of God, conditions created by threat or of inclement weather, war, riot, or other civil disturbance, strike, government prohibition, delays caused by Client, non issuance of all required permits affecting the splash pad, availability of construction material, or other reasons beyond its control.

Requests for any changes or additions to this agreement desired by the Client shall be made in writing at a price as mutually agreed and signed by both parties and shall become part of this agreement.

Contractor shall have the right to stop work and keep the job idle if payments are not made when due.

Contractor assumes no responsibility or liability for work performed by the Client, equipment or materials supplied by the Client.

In the event the payments required hereunder are not paid in accordance with the requirements of this agreement, a credit service charge of one and one-half percent (1-1/2%) per month, which is eighteen percent (18%) corresponding annual percentage rate, will be applied from the date such payment becomes due.

In the event Contractor shall be required to employ an attorney to enforce collection of any payment required to be made by Client to Contractor under this agreement, Client agrees to pay to Contractor a reasonable amount for attorney's fees although legal action either was not instituted or not completed to judgment.

This agreement together with the signed Splash Zone Proposal constitutes the full agreement between the parties. The parties are not bound by any other statements or representations or oral expression by any agent or person purporting to act for or on behalf of either party.

Should any part on this agreement be declared invalid for any reason, such decision shall not affect the validity of any remaining portions and shall remain in force and affect as if the invalid portion had been eliminated.

Client agrees to allow Contractor to place a Splash Zone sign on Clients property during construction and use pictures of splash pad taken before, during and after construction in marketing and other material unless otherwise specified in writing.

When the splash pad is completed (surface material applied and start-up orientation) this contract shall have been completed.

LIMITED WARRANTY

MATERIALS AND WORKMANSHIP

Splash Zone LLC warrants to the original Client all labor, materials, and equipment to be free of defects for a period of two (2) years from the date the splash pad is complete, when subject to original Client's reasonable care and necessary maintenance. Upon written notice to Splash Zone LLC by the original Client within that two (2) year period, Splash Zone LLC will remedy any defect in material or workmanship without charge within a reasonable time provided the original Client has complied with all Terms of this Agreement, including payment in full.

LIMITATIONS

No warranty extends to any part of the splash pad, its equipment or appurtenances thereto which are caused by any of the following conditions or events:

1. Defects or failures caused by abuse, lack of reasonable care, lack of necessary maintenance, improper operation, vandalism, acts of God, or normal wear.
2. Damages or failures to plumbing lines, filter, motors and pumps caused by freezing.
3. Damages or failures caused by substituting or addition of equipment or service not expressly authorized which affect the operation or designed use of the splash pad.
4. Discoloration, staining, check cracks, cracks and imperfections inherit in splash pad decks and concrete products. Only cracks exceeding in width the thickness of a dime will be repaired by Contractor at no cost to the original consumer within the limited warranty period.
5. Minor high and/or low spots in the concrete or surface material which accumulate less than 1/2" inch of standing water.
6. Damages or failures caused by surface or subterranean drainage under or around said splash pad or earth fill movement, explosions, wrecking, expansive soil, and the like, and not occasioned by Contractor.
7. In some locations, expansive soil may exist. Damage caused to the splash pad as a result of expansive soil will be at the Client's expense, except for the concrete shell, shall be Contractor's expense. Client may secure at his expense an independent soil analysis to determine whether expansive soil exists in the splash pad location. Without a soil analysis, Contractor assumes no liability regarding determination of existence of expansive soil.
8. Contractor expressly denies any responsibility or liability for incidental or consequential damages arising out of or as a result of the use or ownership of the splash pad.
9. Damage by the elements or acts of God, war, civil disturbances, unusual abuse/neglect, incorrect operation or lack of care of the splash pad or equipment.

PERFORMANCE

In the event of defect in materials or workmanship within the above stated warranty period, and upon written notice to Splash Zone LLC, at 7319 S Atwood, Ste 103, Mesa, AZ 85212, by the original Client, Contractor will remedy any defect in material or workmanship without charge to the original Client with exceptions listed here within, with in a reasonable amount of time, provided the original Client has complied with all terms of this contract, including payment in full.

NOTICE

Client is entitled to a copy of this Agreement at the time it is signed. Client may cancel this agreement at any time prior to midnight of the third business day after the date of this transaction by faxing a written cancellation request to 866-869-3942. This provision is not allowed if construction of the splash pad has begun or will begin prior to the third business day.

Signed: _____
Splash Zone, LLC (Contractor)

Date: _____

Signed: _____
Client (Buyer)

Date: _____

Rain Deck, LLC.
7319 S. Atwood, Ste. #103
Mesa, AZ 85212
888-445-7246
www.raindeck.com



ADDRESS
BRAD WOODBURY

Estimate 21724

DATE 02/07/2020

SALES REP
JH

ACTIVITY	QTY	RATE	AMOUNT
RD150-0 RD COMMERCIAL JET (7.5" DIA) W/ ADJUSTABLE NOZZLE	8	210.00	1,680.00
RD129-0 RAIN DECK 8-NOZZLE RING OF WATER	1	695.00	695.00
RD500-0 RAIN DECK MULTI PROGRAM ELECTRONIC CONTROLLER	1	1,295.00	1,295.00
RD550-1 RAIN DECK SOF-TOUCH ELECTRONIC TIMER BOX	1	592.00	592.00
RDS550-0 SS SOF-TOUCH ACTIVATOR POST W/ FOOTING BASE	1	2,890.00	2,890.00
RD428-0 16" X 16" BOX DRAIN (4" PIPE CONNECTION)	3	132.00	396.00
RD523-0 10 MULTI-COLORED LED LIGHT KIT W/ CONTROLLER AND 120 WATT TRANSFORMER	1	1,260.00	1,260.00
RDS351-0 SS BUCKET TOWER 1 (30 GAL TOP BUCKET)	1	24,700.00	24,700.00
RDG300-0 RAIN DECK WATER TURTLE	1	3,710.00	3,710.00
RDS347-0 SS RAIN BLASTER W/ SS FOOTING BASE (RDS399-0)	2	4,690.00	9,380.00
RDS399-0 RD STAINLESS STEEL FOOTING BASE W/ CAP AND HARDWARE	4	500.00	2,000.00
RDS399-1 PRE CUT AND TIED REBAR CAGES FOR STD FOOTING DETAIL (X2)	13	40.00	520.00
RD399-5 RD FOOTING BASE SPRAY PLATE - RAIN WAVE	1	68.00	68.00

ACTIVITY	QTY	RATE	AMOUNT
RD399-8 RD FOOTING BASE SPRAY PLATE - ROOSTER TAIL	1	68.00	68.00
RD399-4 RD FOOTING BASE SPRAY PLATE - RAIN CROWN	1	68.00	68.00
RD502-1 RD 8+1 SOLENOID CONTROLLER MANIFOLD W/ FLOW CONTROL (1" VALVE)	1	1,216.00	1,216.00
Special Order Project Specific Manifold 3" Line w/ (7) 2.0" Ball Valves	1	812.52	812.52
Special Order Project Specific 3" Master Solenoid for On / Off	1	225.00	225.00

Approx 2500 Sqft Commercial Freshwater Splash Pad

SUBTOTAL

51,575.52

GPM: TYP 226.5 / MAX 327

SHIPPING

5,433.98

For Fresh water pads: The water flow on the splash pad will be limited to the size, volume and pressure of the water supplied by the client. It is the responsibility of the client to verify actual PSI and GPM's available.

TOTAL

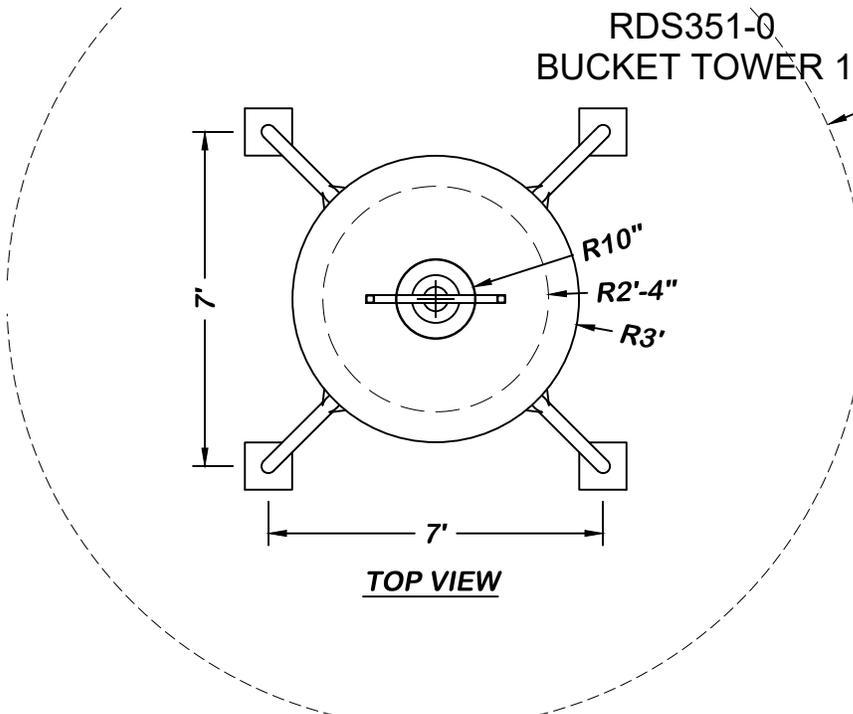
\$57,009.50

Accepted By

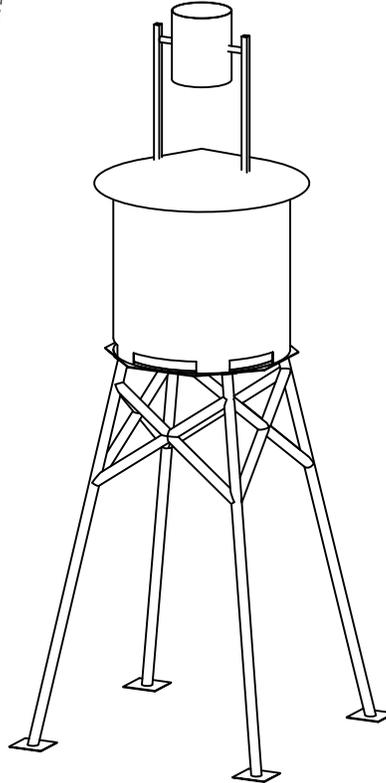
Accepted Date

RDS351-0
BUCKET TOWER 1

WET AREA ±22' DIAMETER



TOP VIEW

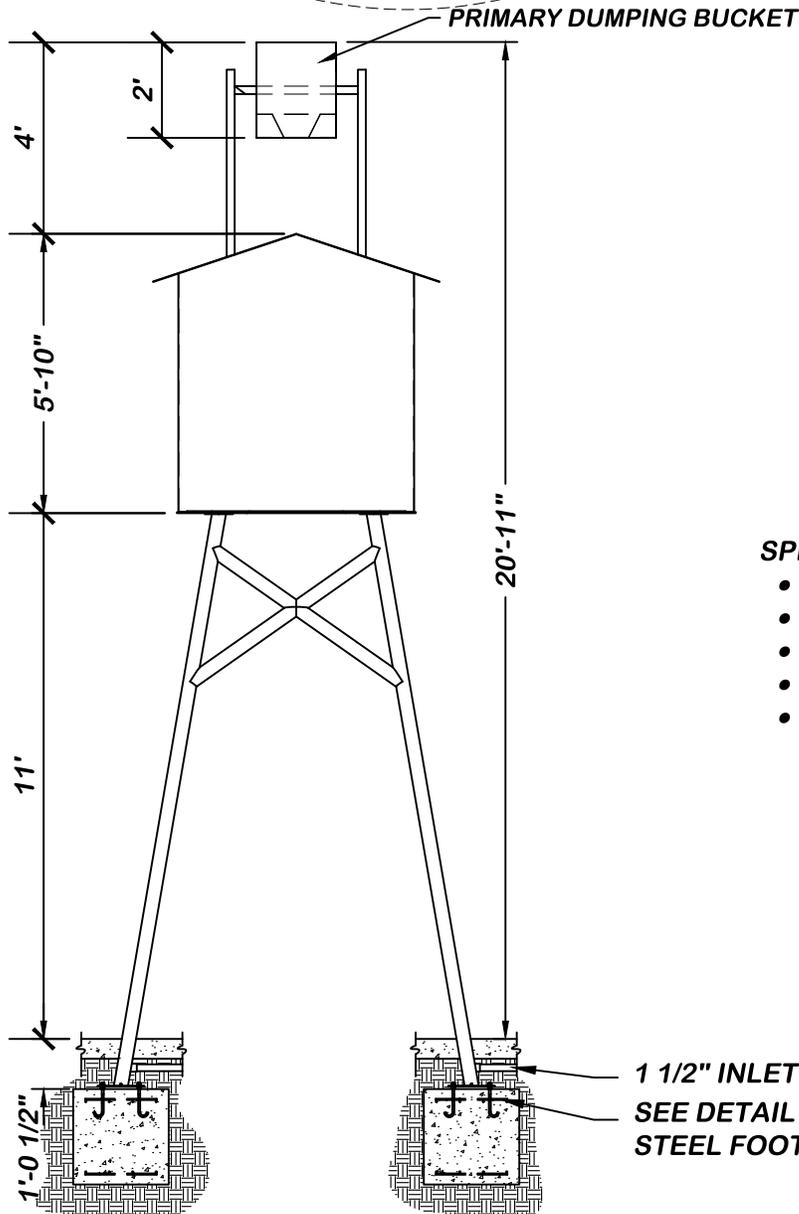


SCALE
 N.T.S.

SPECIFICATIONS:

- **MATERIALS: STAINLESS STEEL**
- **SURFACE FINISH: POWDER COAT**
- **WATER PRESSURE: 5 PSI**
- **WATER CONSUMPTION: 15 GPM**
- **EFFECTIVE RANGE: 22' DIAMETER**

BUCKET TOWER 1
 RDS351-0



FRONT VIEW

1 1/2" INLET
 SEE DETAIL RAIN DECK STAINLESS
 STEEL FOOTING BASE RDS398-0

SCALE
 1/4"=1'-0"

RAINDECK
 Ph. 888.445.RAIN
 Fax. 866.869.3942
 info@raindeck.com

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REV.	DATE	BY	DESCRIPTION
Δ			
Δ			
Δ			
Δ			

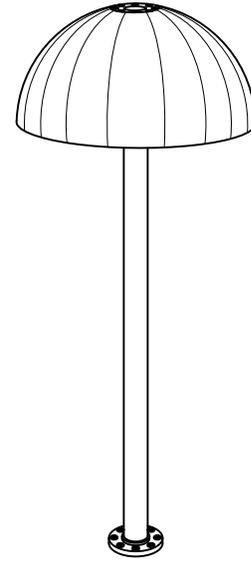
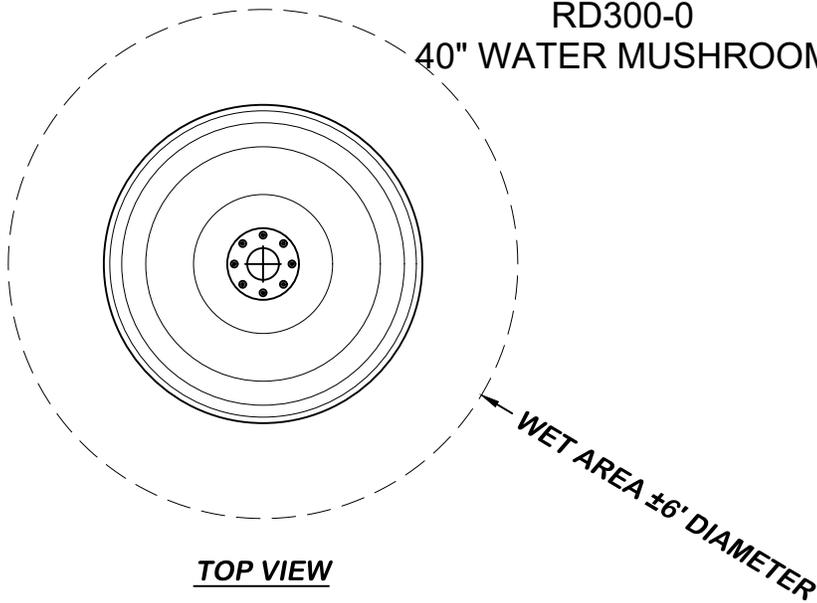
RAIN DECK
BUCKET TOWER 1

SEAL

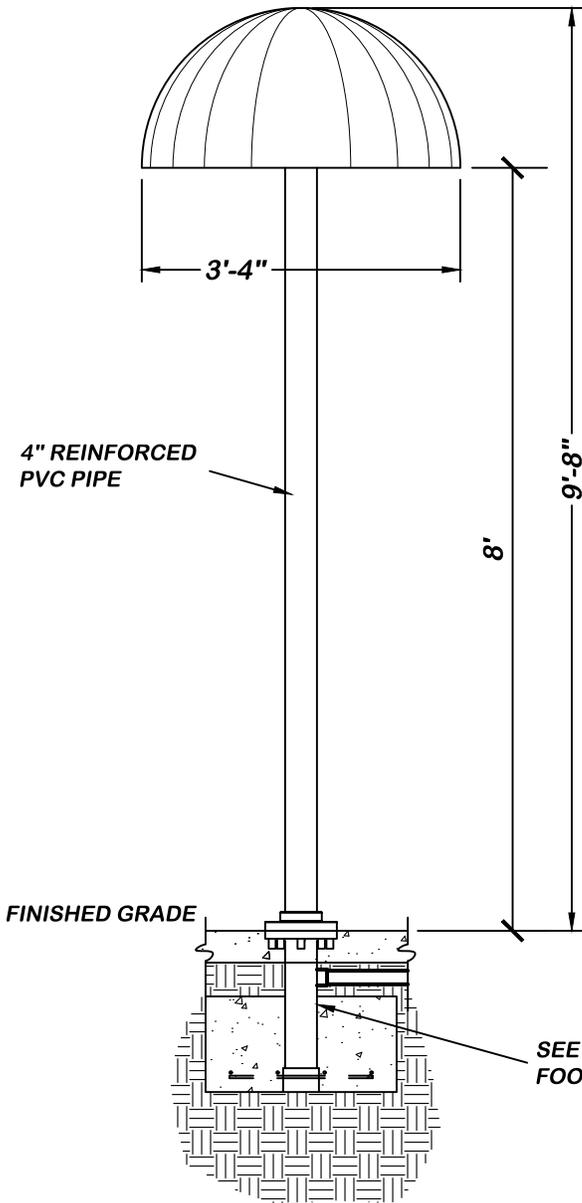
DATE

DRAWN BY	RS	REVIEWED BY	RW
DATE	MAY 2017		
SHEET			
MFR#	RDS351-0		

RD300-0
40" WATER MUSHROOM



SCALE
N.T.S.



SPECIFICATIONS:

- MATERIAL: PVC & FIBERGLASS
- SURFACE FINISH: UV RESISTANT AUTOMOTIVE PAINT
- WATER PRESSURE: MIN. 5 PSI
- WATER CONSUMPTION: 10-90 GPM
- EFFECTIVE RANGE: 42" - 52" DIA.

FIBERGLASS CANOPY
AVAILABLE IN 30" AND 40" DIA.

40" WATER
MUSHROOM
RD300-0

RAINDECK
Ph. 888.445.RAIN
Fax. 866.869.3942
info@raindeck.com

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REV.	DATE	BY	DESCRIPTION
△			
△			
△			
△			

RAIN DECK
40" WATER MUSHROOM

SEAL

DATE

DRAWN BY	RS	REVIEWED BY	RV
DATE	MAY 2017		
SHEET			
MFR#	RD300-0		

SCALE
1/2"=1'-0"

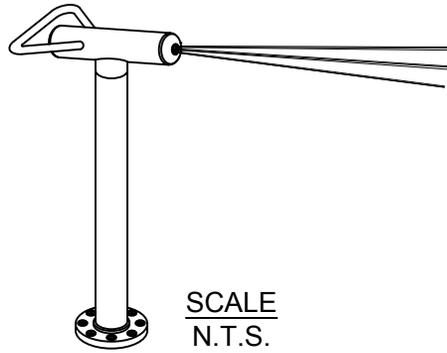
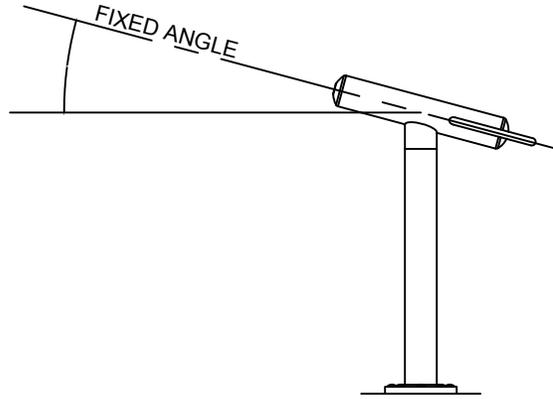
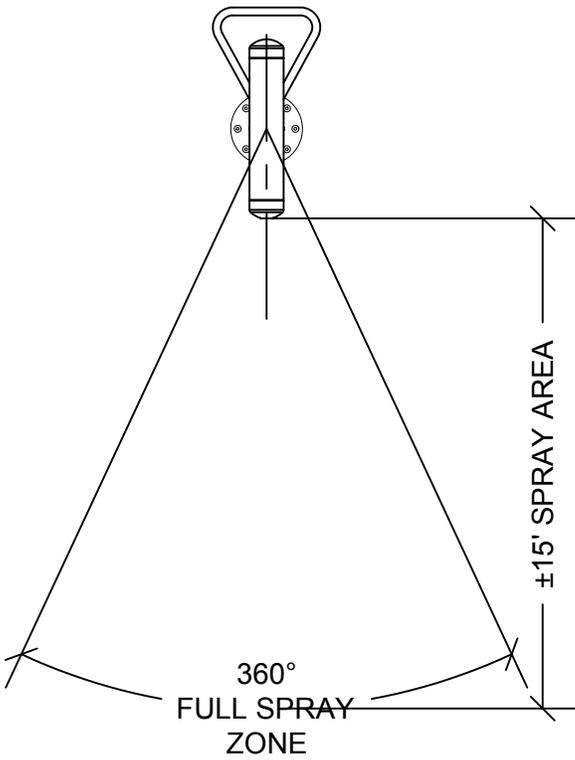
RDS347-0
SS RAIN BLASTER



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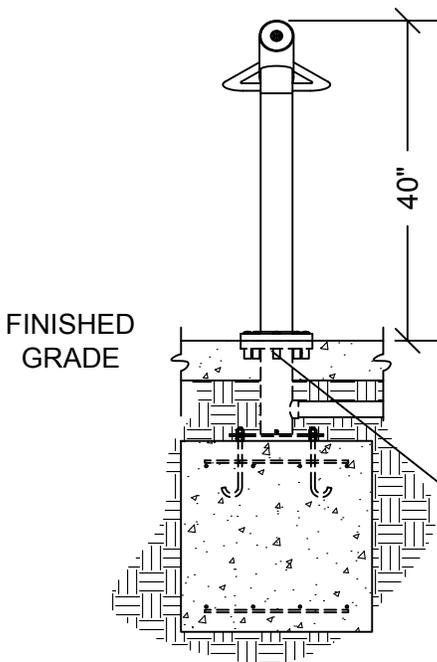
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RAIN DECK
SS RAIN BLASTER



SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT OR POLISHED SURFACE
- WATER PRESSURE: MIN. 5 PSI
- WATER CONSUMPTION: 5-15 GPM
- WET AREA: ±6' - 8' DIRECTIONAL



SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0

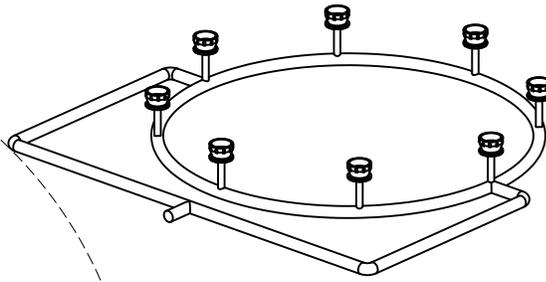
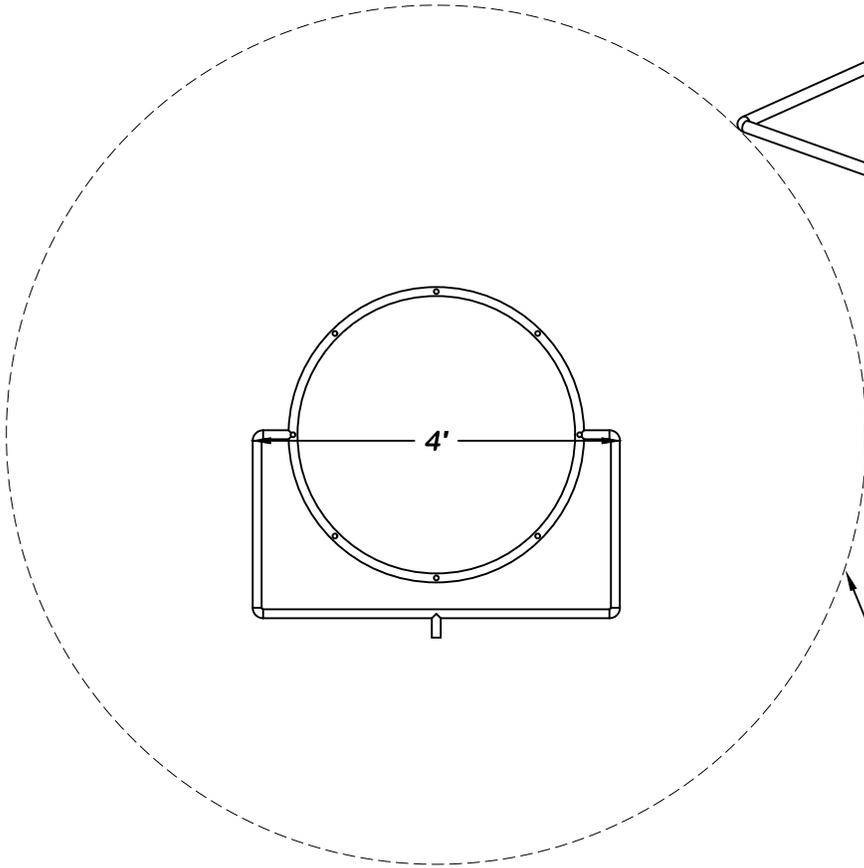
SS RAIN BLASTER
RDS347-0

SEAL
DATE

DRAWN BY RS	REVIEWED BY RV
DATE MAY 2017	
SHEET	
MFR# RDS347-0	

SCALE
1/2"=1'-0"

RD129-0
8-NOZZLE RING OF WATER

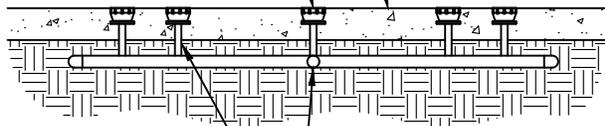


SCALE
N.T.S.

**24' MAX DIAMETER
WET ZONE**

**FINISH GRADE OF
DECKING MATERIAL**

**RAIN DECK UNIVERSAL
HOUSING, TYP.**



1/2" RISERS

**1 1/2" WATER SUPPLY
OR AS REQUIRED**

SPECIFICATIONS:

- **MATERIAL: PIPE - SCH 40 PVC**
- **WATER PRESSURE: MIN. 5 PSI**
- **WATER CONSUMPTION: 16-40 GPM**
- **EFFECTIVE RANGE: 4'-24' DIA. (USING ADJUSTABLE NOZZLES)**

**8-NOZZLE RING OF WATER
RD129-0**

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Fax. 866.869.3942
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**RAIN DECK
8-NOZZLE RING OF WATER**

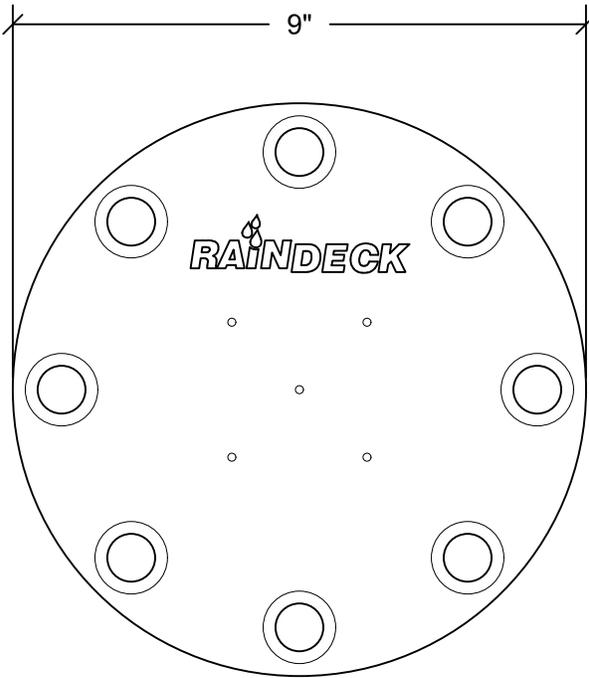
SEAL

DATE

DRAWN BY RS	REVIEWED BY RV
DATE MAY 2017	
SHEET	
MFR# RD129-0	

SCALE
1/2"=1'-0"

RD399-1
LOW-FLOW SPRAY PLATE

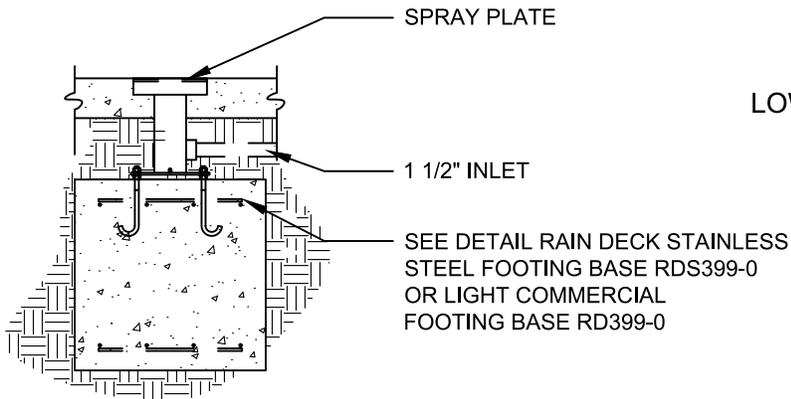


TOP VIEW

SCALE
N.T.S

SPECIFICATIONS:

- MATERIALS: ALUMINIUM
- SURFACE FINISH: ANODIZED
- WATER PRESSURE: 1 - 5 PSI
- WATER CONSUMPTION: 5 GPM
- WET AREA - ±18" DIAMETER



FRONT VIEW

LOW-FLOW SPRAY PLATE
RD399-1

SCALE
1/2"=1'-0"

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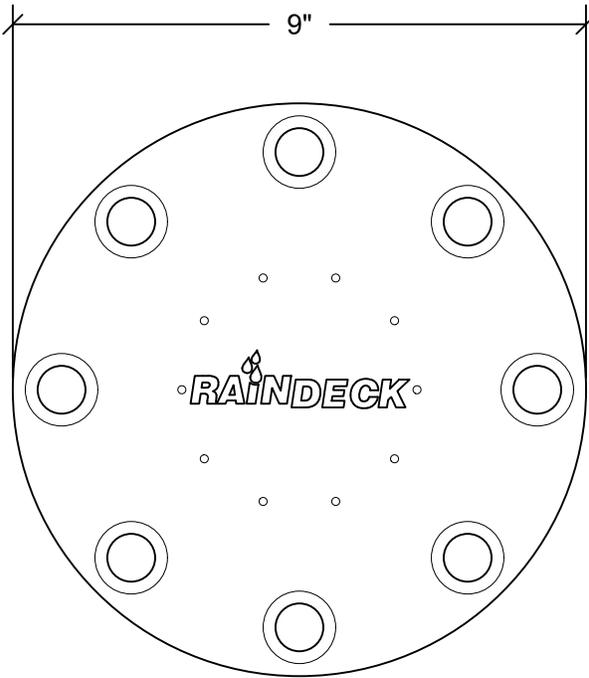
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RAIN DECK
LOW-FLOW SPRAY PLATE

SEAL
DATE

DRAWN BY RS	REVIEWED BY RV
DATE MAY 2017	
SHEET	
MFR# RD399-1	

RD399-4
RAIN CROWN SPRAY PLATE

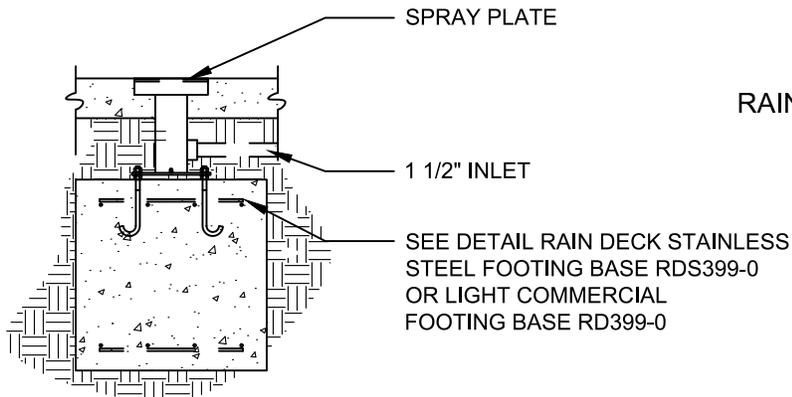


TOP VIEW

SCALE
N.T.S

SPECIFICATIONS:

- MATERIALS: ALUMINIUM
- SURFACE FINISH: ANODIZED
- WATER PRESSURE: 1 - 5 PSI
- WATER CONSUMPTION: 8 GPM
- WET AREA: ±6' DIAMETER



FRONT VIEW

RAIN CROWN SPRAY PLATE
RD399-4

SCALE
1/2"=1'-0"

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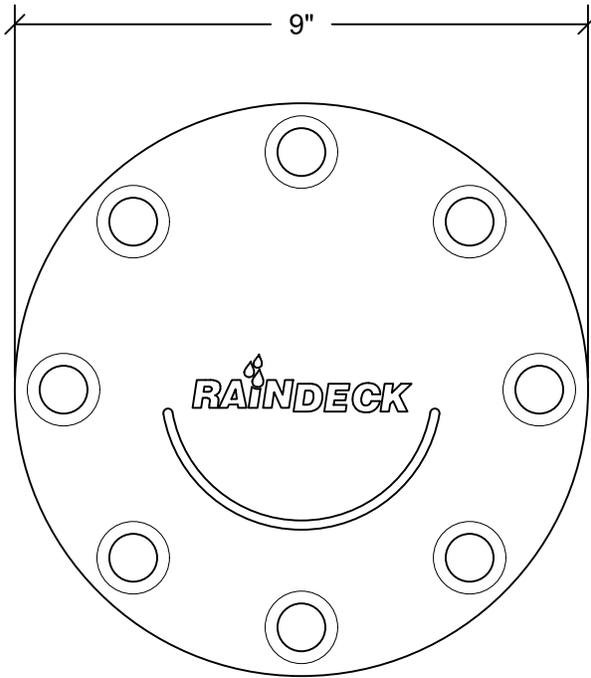
RAIN DECK
RAIN CROWN SPRAY PLATE

SEAL

DATE

DRAWN BY RS	REVIEWED BY RV
DATE MAY 2017	
SHEET	
MFR# RD399-4	

RD399-5
RAIN WAVE SPRAY PLATE

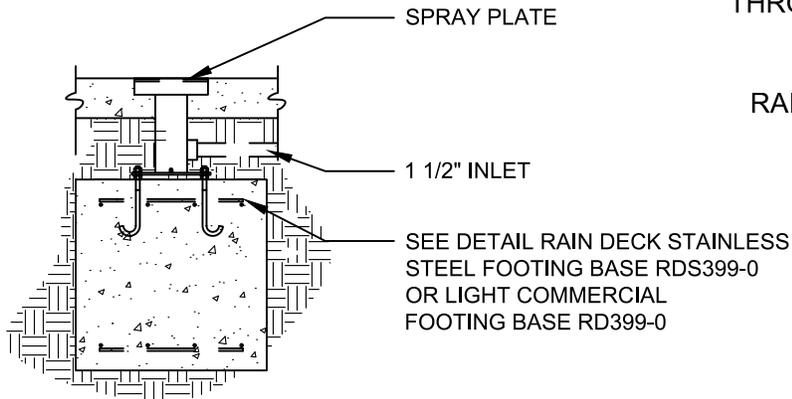


TOP VIEW

SCALE
N.T.S

SPECIFICATIONS:

- MATERIALS: ALUMINIUM
- SURFACE FINISH: ANODIZED
- WATER PRESSURE: 1 - 5 PSI
- WATER CONSUMPTION: 10 GPM
- WET AREA: ±4' WIDE w/ A 4' THROW



FRONT VIEW

RAIN WAVE SPRAY PLATE
RD399-5

SCALE
1/2"=1'-0"

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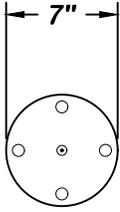
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RAIN DECK
RAIN WAVE SPRAY PLATE

SEAL
DATE

DRAWN BY RS	REVIEWED BY RV
DATE MAY 2017	
SHEET	
MFR# RD399-5	

RD150-0
LCJ ADJUSTABLE



TOP VIEW

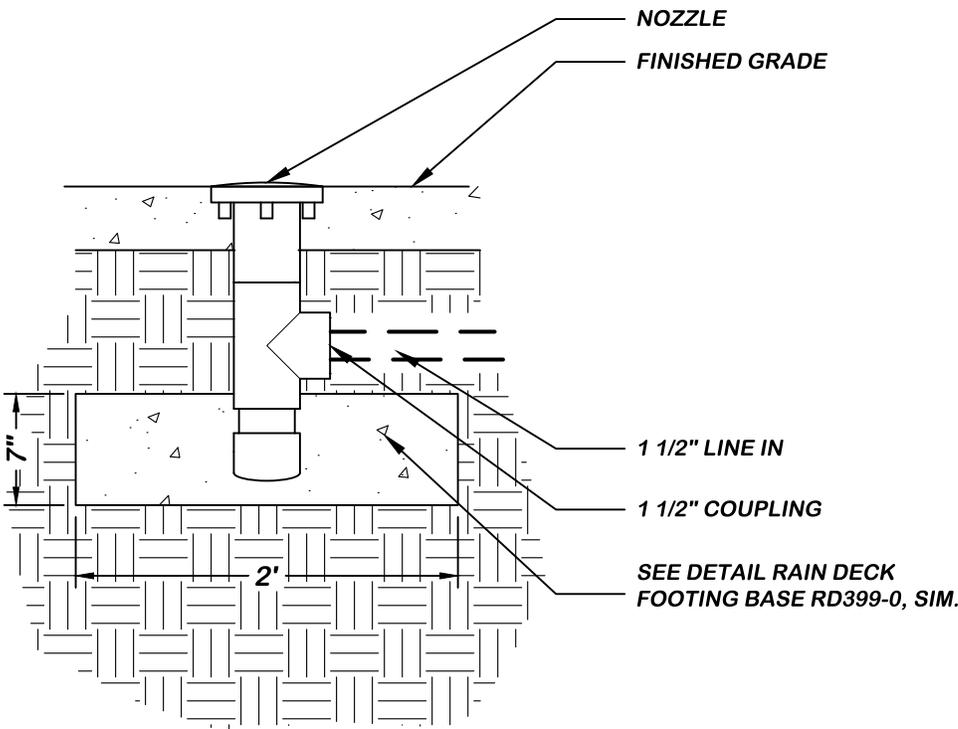
INCLUDES:

- **STAINLESS STEEL BOLTS AND GASKET**

SPECIFICATIONS:

- **MATERIAL: ANODIZED ALUMINIUM**
(AVAILABLE IN MULTIPLE COLORS)
- **EFFECTIVE WET AREA - ±5'-6' HIGH w/ A MAX. 12' THROW**
- **FLOW RATE: 4 gpm**
- **WATER PRESSURE: 3 - 5psi**

**LCJ ADJUSTABLE
RD150-0**



FRONT VIEW

**SCALE
N.T.S**

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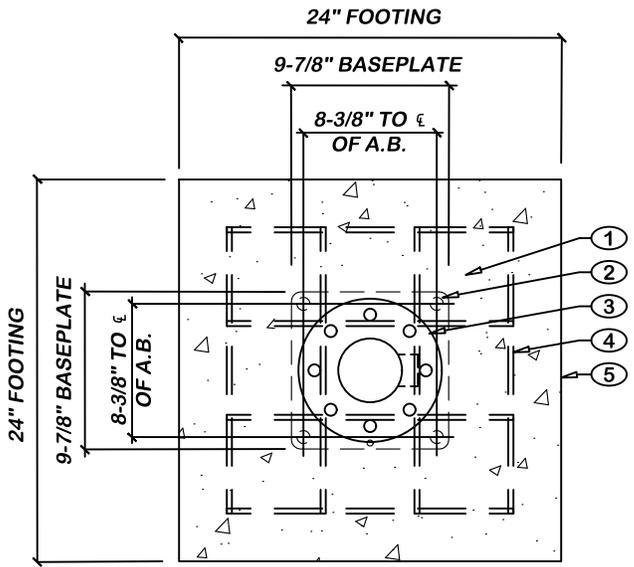
**RAIN DECK
LARGE COMMERCIAL JET
ADJUSTABLE NOZZLE**

SEAL

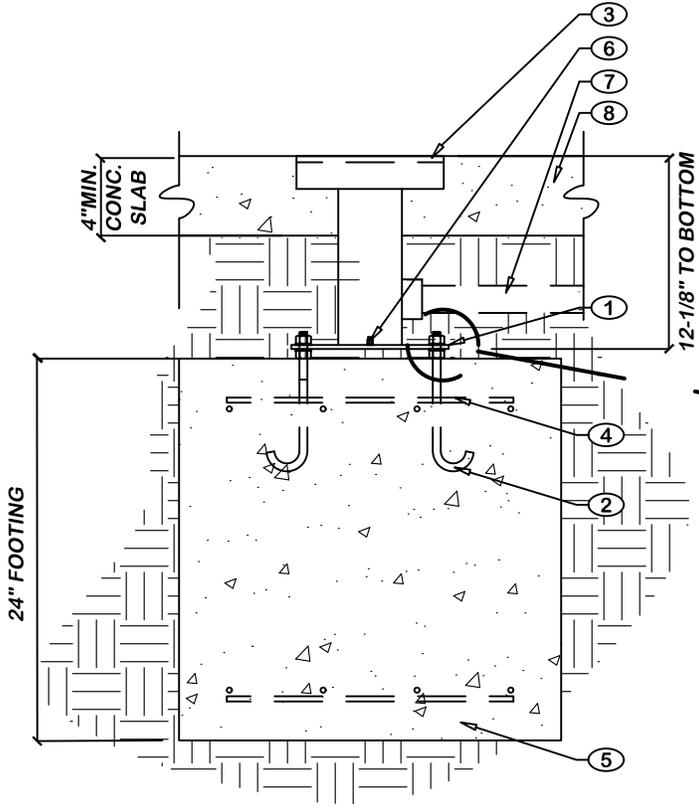
DATE

DRAWN BY RS	REVIEWED BY JW
DATE MAY 2017	
SHEET	
MFR# RD150-0	

RDS399-0
SS FOOTING BASE



TOP VIEW



SIDE VIEW

BASE MUST BE PERFECTLY LEVEL

- ① BASEPLATE
- ② 1/2" ANCHOR BOLTS TO BE LOCATED BY WOODEN PATTERN WITHIN CONCRETE BASE.
- ③ FOOTING BASE
- ④ (4) #5 BARS EACH WAY TOP AND BOTTOM - 16 BARS, TOTAL
- ⑤ 24"x24"x24" MIN. 2500 PSI CONCRETE FOOTING AT FROST DEPTH OR PER LOCAL CODE REQUIREMENT
- ⑥ GROUNDING WIRE SHALL BE HOOKED BETWEEN TWO FLAT WASHERS AND TIGHTENED WITH NUT
- ⑦ 1 1/2" NPT THREADED COUPLING
- ⑧ CONCRETE SLAB

NOTE:

- INSTALL RAIN DECK FOOTING BASE AT CENTER OF FOOTING WITH THE BASE AT FINISHED GRADE.
- GROUT BENEATH FOOTING BASE BEARING PLATE SHALL BE 5000 PSI MINIMUM NON-SHRINK FLOWABLE GROUT OR DRYPACK. INSTALL GROUT UNDER BASEPLATE AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO SLAB INSTALLATION. GROUT DEPTH SHALL BE SUFFICIENT TO ALLOW GROUT OR DRYPACK TO BE PLACED BENEATH PLATE WITHOUT VOIDS.

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RAIN DECK
SS FOOTING BASE

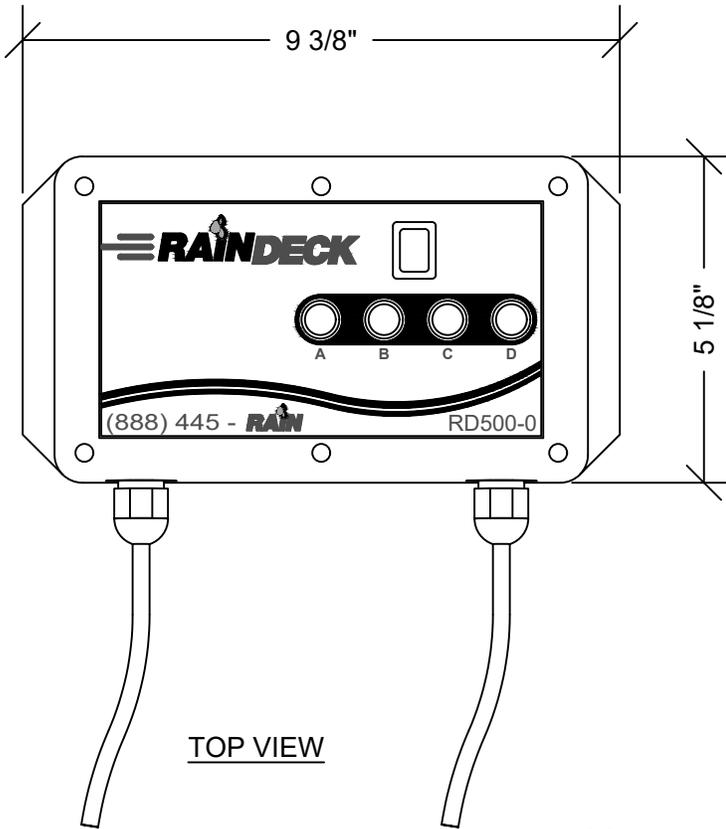
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DRAWN BY RS	REVIEWED BY RV
DATE MAY 2017	
SHEET	
MFR# RDS399-0	

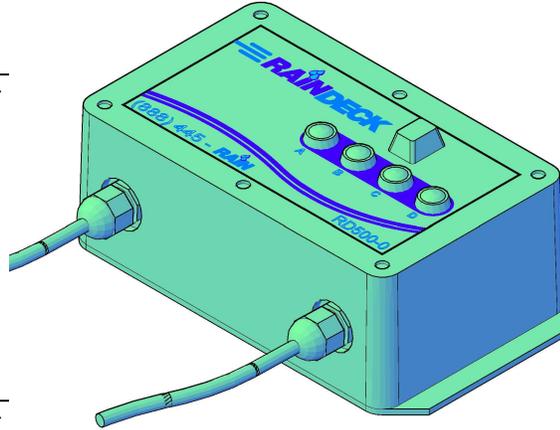
SCALE
N.T.S.

RD500-0
RAIN DECK CONTROLLER



TOP VIEW

SCALE
N.T.S.



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Fax. 866.869.3942
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RAIN DECK
RAIN DECK CONTROLLER

SEAL

DATE

THE RAIN DECK PROPRIETARY ELECTRONIC CONTROLLER SETS THE INDUSTRY STANDARD FOR SPLASH PAD CONTROL SYSTEMS. THE RAIN DECK CONTROLLER PROVIDES THE USER WITH 4 PROGRAM SELECTIONS AND THE ABILITY TO USE WITH A FRESH WATER OR RECIRCULATION SYSTEM. THE CONTROLLER IS POWERED BY A STANDARD 100V POWER SUPPLY WITH CONNECTIONS FOR STANDARD 24VAC SOLENOID VALVES.

PROGRAMS:

- A. ONE ZONE RANDOM
- B. ONE ZONE SEQUENTIAL
- C. MULTIPLE ZONE RANDOM
- D. ALL ON

*NUMBER OF ZONES AND SPEED CYCLES CAN BE ADJUSTED ON-SITE. FOR ANY OTHER PROGRAMING QUESTIONS, PLEASE CONTACT RAIN DECK.

RAIN DECK CONTROLLER
RD500-0

DRAWN BY	RS	REVIEWED BY	RV
DATE	MARCH 2014		
SHEET			
MFR#	RD500-0		



Bio of Splash Zone, LLC

Splash Zone was established in 2005 to meet the growing demands of commercial splash pad installations. In the years leading up to the formation of Splash Zone, the founders worked in the pool and construction industry supervising commercial pool projects with some of the largest pool companies in the industry. The projects ranged in scope from multi use apartment complex pools to specialty projects including the Sting Ray Bay at the Phoenix Zoo. During this time, there was an increased interest in splash pad installations; although there was not a single company that specialized in these projects. Due to the demand for commercial splash pad installations and the lack of expertise in the industry, Splash Zone, LLC was formed.

Our unique approach to splash pad installations allows us to be more versatile and more affordable. We have established a wide range of vendor relationships and have the ability to design and install splash pads that are unmatched in quality and generally offer far more water features than any competitor. Also, due to our installation experience and knowledge of splash pads, we take pride in completing every project within budget while exceeding expectations.

In the 14 years since Splash Zone was established, we have seen the industry boom. We have installed over 250 splash pads across the United States. Our projects range in size from residential splash pads with 8 spray jets to commercial splash pads with nearly every bell and whistle one can imagine. We operate with 4 crews, a designer and a professional engineer and are capable of completing large scale projects from start to finish.

At Splash Zone, we take pride in knowing that we are the industry leader in splash pad innovation and installations. We have installed more splash pads and have more experience than any other company in the country.

To protect the interest of our clients, Splash Zone carries a minimum 1 million dollar general liability policy and includes each project as an additional insured on the policy. We also come highly recommended by our bonding company and can acquire performance and payment bonds if required.

Regardless of project size, Splash Zone will make every effort to make each splash pad as unique as possible. We look forward to working with you!

For additional information, we can be reached at 800-985-3031 or you can check out our web site at www.SplashZone.com.



COMPANY APPROACH / CONTACT INFO

EQUIPMENT PROVIDER MAIN CONTACT:

Rain Deck, LLC.
Jennifer Heflin
O: 888-445-7246 x 719
E: Jennifer@raindeck.com

PRIME CONTRACTOR:

Splash Zone, LLC (AZROC 227061)
7319 S Atwood, Ste 103 Mesa, AZ 85212
O: 800-985-3031
F: 866-869-3942

DESIGN/ENGINEERING FIRM:

Splash Zone, LLC—In-House
Engineer: Ashton Avarell, P.E.
P: 800-985-3031 ext. 713

ELECTRICIAN:

Four Star Electric, LLC (ROC 257106, 257105)
Eric Boudreau
C: 480-452-9862
O: 480-567-8013
F: 602-710-1227

Splash Pad Project Superintendent: Jake Wirthlin 800-985-3031 x. 717
Splash Pad Project Coordinator: Jennifer Heflin 800-985-3031 x 719



PROJECT TEAM ORGANIZATION

Splash Zone has three primary team members to manage each commercial project. The team members assigned to this project and their responsibilities are as follows:

Project Manager – Jake Wirthlin

The project manager is responsible for the overall management of the team members. This includes making sure deadlines are met, product procurement is complete and on schedule and the project is meeting or exceeding benchmarks and deadlines. Additional responsibilities include the approval of all project bids and client interaction and communication. All communication should be directed through the Project Manager and he will be the main point of contact throughout the construction process.

Project Superintendent – Corbyn Farrell

The project superintendent is responsible for the daily project tasks. He reports directly to the Project Manager. The Superintendent is on site daily and oversees the construction practices of our employees and subcontractors. The project superintendent is required to keep a detailed daily log of events, which is reviewed daily at 4:30pm in our management meeting. All communication with the client and the superintendent is reported daily at the management meeting to avoid communication problems and ensure that all communication is relayed to the Project Manager.

Project Coordinator – Luke Blais

The Project Coordinator is responsible for ensuring that the project superintendent and manager have all the resources required to successfully complete their jobs. Once a contract is executed, the Project Coordinator begins the process of procuring the product required for the project. The Project Coordinator is also responsible for all the tasks related to general paperwork such as additional insured requirements, lien release waivers and other similar project related tasks.

The management team also meets daily to recap the daily events, plan for the following day/week, and update the client as to the project status.



SPLASH ZONE AND THE LOCAL ECONOMY

As the only company in the United States that specializes in installing Splash Pads, Splash Zone is able to competitively bid on projects across the country. One of the main concerns that often comes up is the desire of local towns and cities to use local contractors. Of course, this makes perfect sense and Splash Zone agrees that local municipalities should do what is in the best interest for their community.

We believe that by using Splash Zone, your community will receive the local impact desired for these reasons:

1. Splash zone generally offers more splash pad for less money. Our unique approach to specializing in splash pad installations allows us to be extremely efficient at what we do! Our bulk supplier purchasing allows us to be financially competitive saving the residents tax dollars and providing them with a product that they can truly enjoy.
2. Splash Zone uses local suppliers for plumbing supplies, materials, and concrete for each project in the local community. We work with local suppliers for all of our plumbing supplies, fittings and other project material during the course of construction and always order concrete from a local plant. We also rent equipment such as tractors and jackhammers within the local community if available.
3. Splash Zone uses local contractors for forming and finish work on the splash pad surface.
4. During the course of construction, Splash Zone requires the use of local lodging and dining establishments for the entire crew. This additional expense to Splash Zone goes directly back into the community and is included as part of logistics in each of our bids.
5. Splash Zone continues to donate each year to several communities we have had the pleasure of working with and we are generally eager to assist in grand opening events or other related events surrounding the start-up of a new splash pad.

Regardless of who is chosen as the successful bidder, we appreciate the opportunity to bid on this project and know your residents will enjoy the addition of a new splash pad!!

Sincerely,

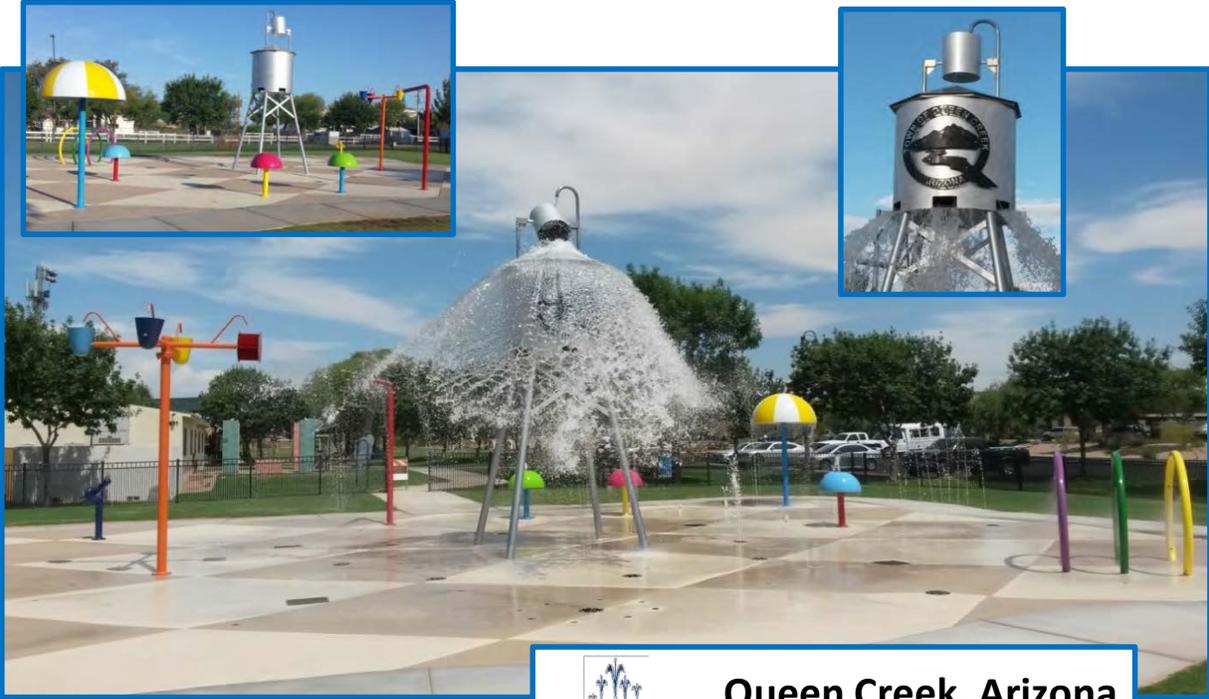
The Splash Zone Team



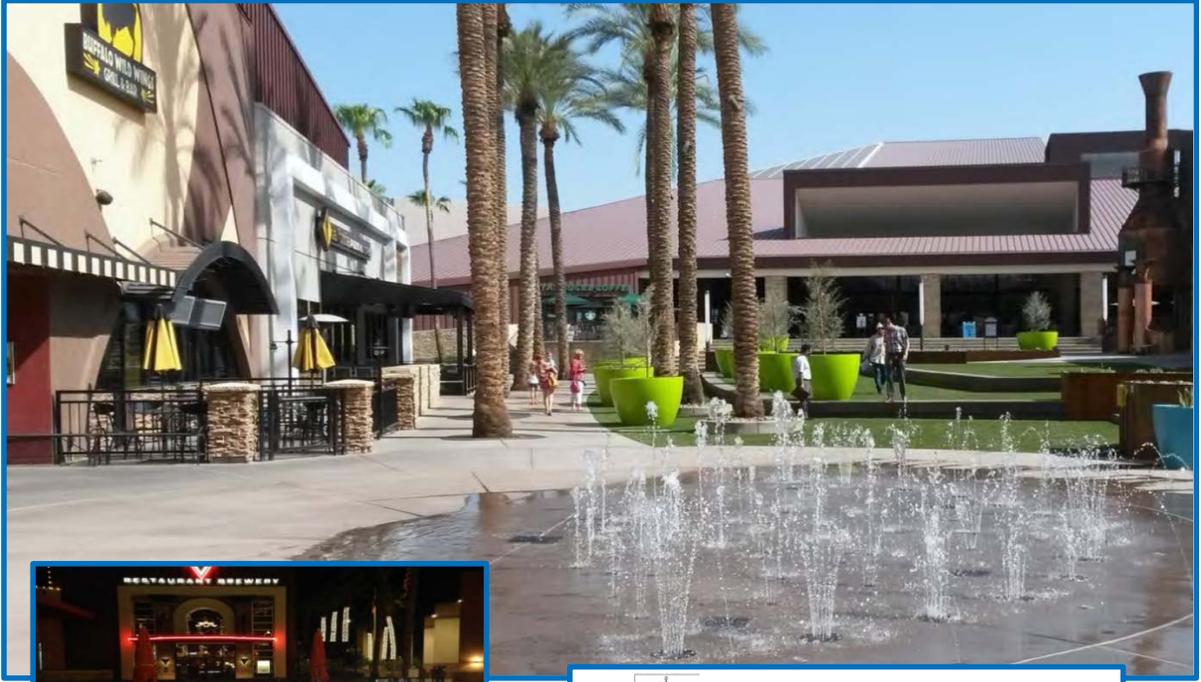
SPLASH ZONE RECENT PROJECT HISTORY

Commercial Project Names	Location/Contact Info	Year Completed	Project Budget
BEALE AIRFORCE BASE	BEALE	CA UNDER CONTRACT	\$ 263,104
CARUTHERS PARK	BELLFLOWER	CA UNDER CONTRACT	\$ 175,491
MOUNTAIN LAKES RESORT	LYTLE CREEK	CA IN PROGRESS	\$ 577,841
MORENO VALLEY RANCH HOA	MORENO VALLEY	CA IN PROGRESS	\$ 269,390
BROOK HILLS PARK	WELLSBURG	VA IN PROGRESS	\$ 171,498
NORTH PARK	JEROME	ID 2019	\$ 161,151
Greg McEntarffer 300 East Main Street, Jerome, ID 83338	208-734-0455 greg@stanleyassociates.com		
FORT DAVIS	WASHINGTON DC	DC 2019	\$ 169,858
Natarajan Satish 1400 41st Street SE, Washington DC, 20020	202-330-9519 nvsatish4@verizon.net		
CITY OF INGLEWOOD	INGLEWOOD	CA 2019	\$ 205,274
Juan Mata 201 South Ash Ave., Inglewood, CA 90301	310-412-8750 jmata@cityofinglewood.org		
PARK WEST RETAIL	PEORIA	AZ 2019	\$ 138,894
Rob Kerwin 9804 West Northern Ave, Peoria, AZ 85345	602-750-7607 rkerwin@foursite.com		
CITY OF SOMERTON	SOMERTON	AZ 2018	\$ 164,430
Sergio Davalos 143 North State Ave., Somerton, AZ 85350	928-315-5850 sergiodalos@somertonaz.gov		
BREA CENTRAL PARK #2	BREA	CA 2018	\$ 88,531
Dan Ward 380 West Central Ave., Brea, CA 82821	714-336-0359 dward@jhrep.com		
BREA CENTRAL PARK #1	BREA	CA 2018	\$ 115,387
Dan Ward 380 West Central Ave., Brea, CA 82821	714-336-0359 dward@jhrep.com		
BARTRAM SPRINGS	JACKSONVILLE	FL 2018	\$ 140,260
Jay King 475 West Town Pl., Ste 114, St. Augustine, FL 32092	619-708-5164 jaymesking@yahoo.com		
KIWANIS PARK	TEMPE	AZ 2018	\$ 243,987
Dan Pitt 6111 S. All America Way, Tempe, AZ 85283	480-250-5452 daniel_pitt@tempe.gov		
CORTINA HOA	QUEEN CREEK	AZ 2018	\$ 93,970
Kevin Bishop 633 E. Ray Rd., Ste 122, Gilbert, AZ 85142	480-813-6788 kevin@rcplimited.com		
CITY OF PERRYVILLE	PERRYVILLE	MO 2018	\$ 300,960
Tracy Prost 215 North West Street	573-547-2594 tracyprost@cityofperryville.com		
VILLAS AT TUSTIN APARTMENTS	SANTA ANA	CA 2018	\$ 72,480
Ron Faulkner 16415 Addison Rd., Ste 575, Addison, TX 75001	678-485-0566 rfaulkner@capgro.net		
LAS SENDAS	MESA	AZ 2018	\$ 123,362
Doug Austin 3250 N. Red Mountain	480-357-8780 daustin@thetrailhead.org		
CITY OF MIDDLETON	MIDDLETON	ID 2018	\$ 262,410
Becky Crofts 6 North Dewey Ave., Middleton, ID 83644	208-585-3133 bcrofts@middletoncity.com		
PRIMROSE PRESCHOOL	SCOTTSDALE	AZ 2018	\$ 49,000
Mike Verlardi 10120 E Bell Rd., Scottsdale, AZ 85260	602-527-9911 mverlardi@primrosepv.vom		
CROSSROADS COMMUNITY CHURCH	KOKOMO	IN 2018	\$ 71,050
Dick Sanburn 4254 S 00 EW, Kokomo, IN 46902	765-453-4626 dicksanburn@ecrossroads.org		

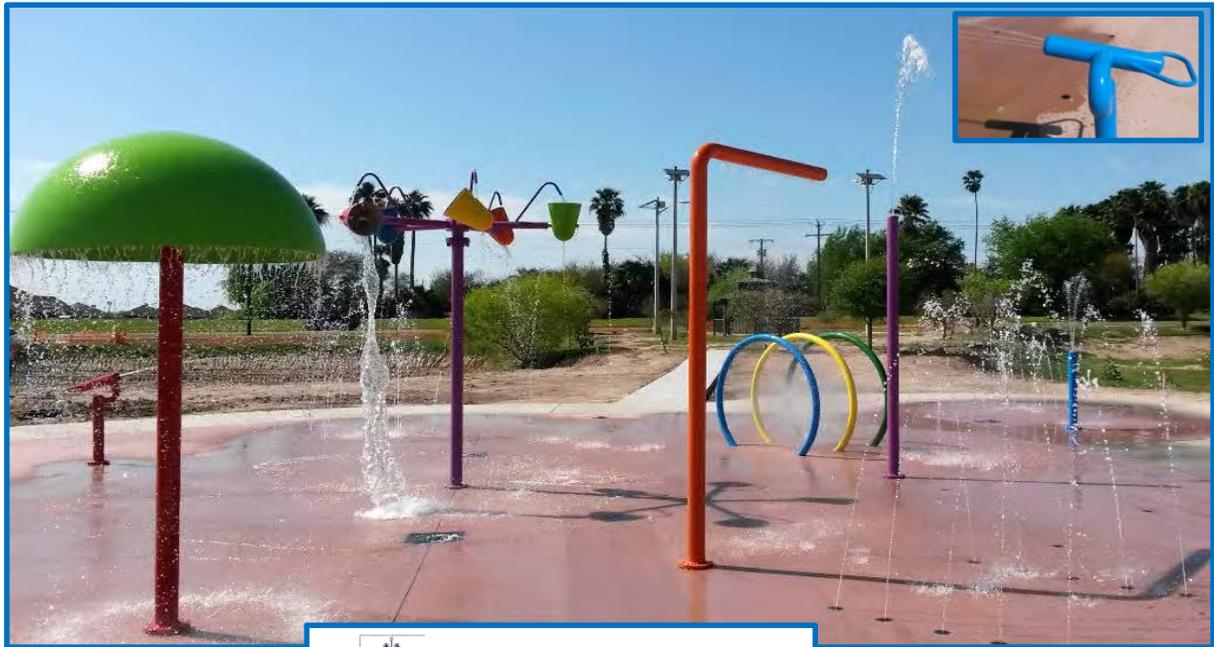
CHICKAHOMINY RIVERFRONT PARK Kitty Hall 1350 John Tyler Highway, Williamsburg, VA 23185	WILLIAMSBURG 757-253-6644 kitty.hall@jamestowncityva.gov	VA	2018	\$	230,000
SARATOGA RIDGE Norm Schrock 1450 E Bell Rd., Phoenix, AZ 85022	PHOENIX 602-363-2682 graybeardsaz@gmail.com	AZ	2018	\$	140,000
CITY OF CANON CITY Rex Brady 221 Griffen Ave., Canon City, CO 81212	CANON CITY 719-371-2989 rtbrady@canoncity.org	CO	2017	\$	365,000
FORT COLLINS KOA Craig Sisco 1910 Lakeside Resort Ln., Fort Collins, CO 80524	FORT COLLINS 970-484-9880 info@fclakesidecg.com	CO	2017	\$	119,240
ST. ANN'S HOME & SCHOOL John Rice 100A Haverhill St., Methuen, MA 01844	METHUEN 978-682-5276 jrrice@stannshome.org	MA	2017	\$	123,270
SACO KOA Mike Blitz 814 Portland Rd., Saco, ME 04072	SACO 248-444-3608 mblitz@atwell-group.com	ME	2017	\$	88,880
CITY OF CHESTERTON Mark O'Dell 1415 S. 23rd St., Chesterton, IN 46304	CHESTERTON 219-728-1336 modell@chestertonin.org	IN	2017	\$	300,456
CITY OF CENTRALIA Emil Pierson 539 North Pearl St., Centralia, WA 98531	CENTRALIA 360-330-7662 e.pierson@cityofcentralia.com	WA	2017	\$	129,570
BRATTONS EDGE Blair Pifer 6636 N Riverside Dr. Suite 500-A, Fort Worth, TX 76137	AUSTIN 972-740-9914 blair@pinrocllc.com	TX	2017	\$	125,970
GILBERT MONTESSORI Parveen Gupta 135 s. Val Vista Dr., Mesa, AZ 85296	GILBERT 623-414-7935 guptap4@gmail.com	AZ	2017	\$	87,530
PARDEE HOMES Jay Skinner 19180 Golden Valley Rd., Santa Clarita, CA 91387	SANTA CLARITA 310-345-4460 jay.skinner@pardeehomes.com	CA	2017	\$	169,175
VICTORY WORSHIP CENTER Scott Berkey 2561 W Ruthrauff Rd., Tucson, AZ 85705	TUCSON 520-293-6386 scottb@vwcaz.org	AZ	2016	\$	223,553
WASHINGTON PARK Melissa Guerrero 15614 S Washington Ave., Compton, CA 90221	COMPTON 213-572-0188 x201 mguerrero@lanlt.org	CA	2016	\$	135,500
MADISON HEIGHTS Ben Shrunk 1110 N. Dysart Rd., Avondale, AZ 85323	AVONDALE 480-225-4775 bshunk@gormanusa.com	AZ	2016	\$	136,803
CITY OF ARGOS Jim Burroughs 10323 16th Rd., Argos IN, 46501	ARGOS 574-281-2216 jwdjburroughs@gmail.com	IN	2016	\$	74,000
CITY OF BOARDMAN Neil Livingston Front St. NE & 3rd St. N, Boardman, OR 97818	BOARDMAN 509-293-1142 livingstonn@cityofboardman.com	OR	2016	\$	148,420



Queen Creek, Arizona



Chandler, Arizona



 **Edinburg, Texas**



 **Erinville, Louisiana**



Splash Zone, LLC

Bullhead City, Arizona



Splash Zone, LLC

Galloway, New Jersey



 **Baton Rouge, Louisiana**



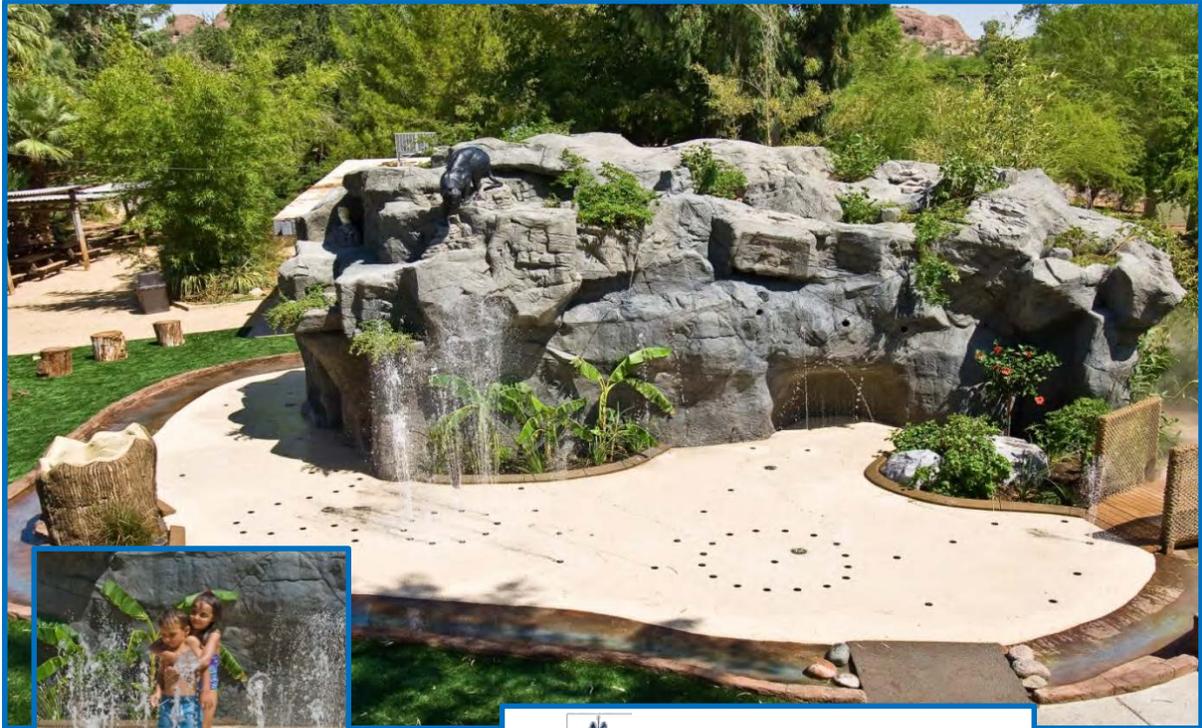
 **Castle Rock, Colorado**



 **Gilbert, Arizona**



 **Las Vegas, Nevada**



Phoenix, Arizona



Eagle Mountain, Utah



Calexico, California

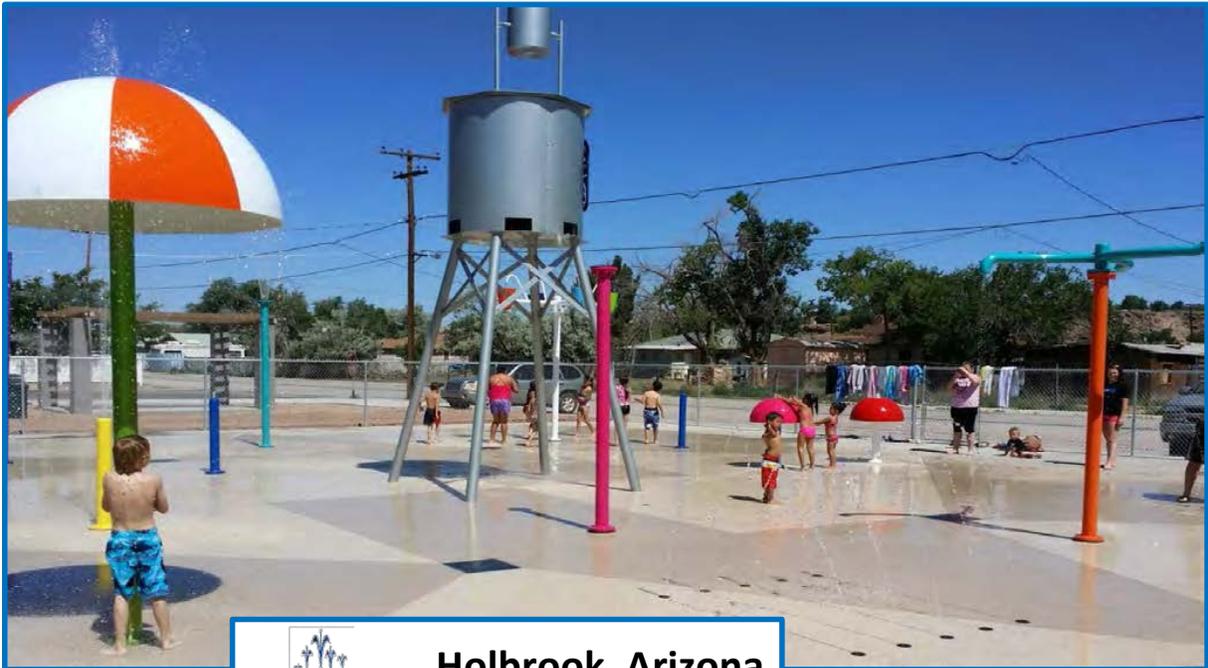


Auburn, Alabama



Splash Zone, LLC

Village of Gilberts, Illinois



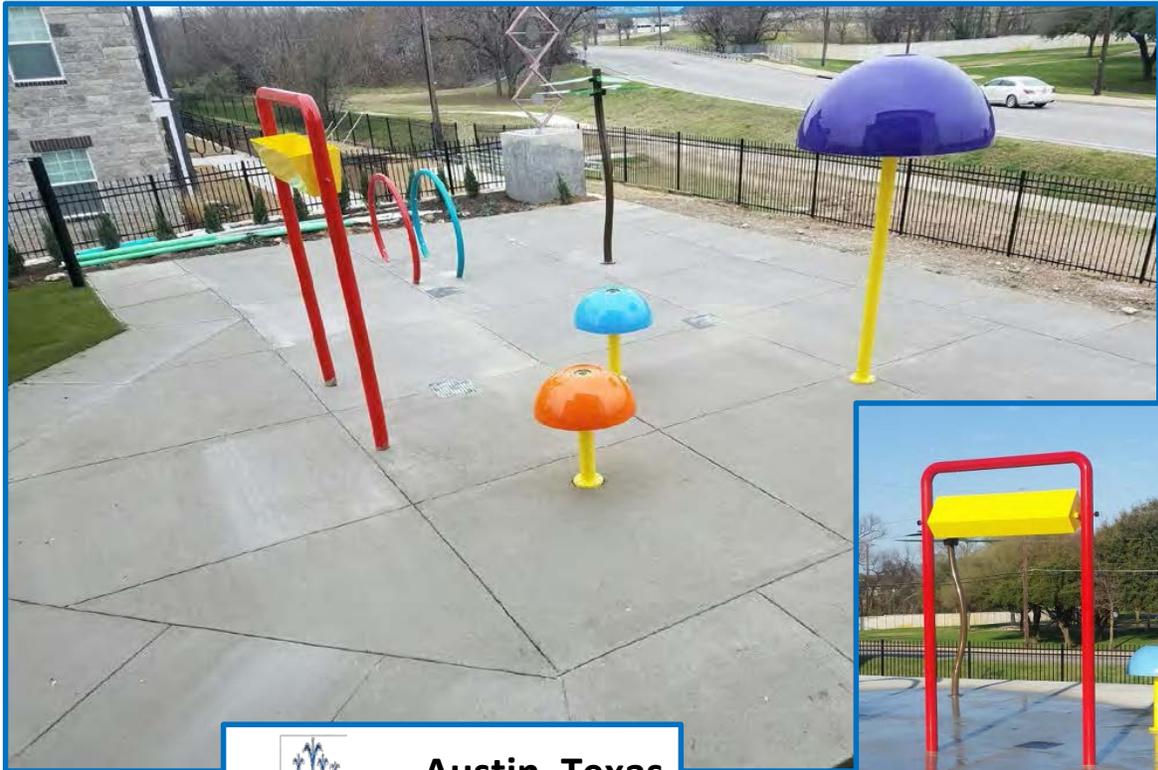
Splash Zone, LLC

Holbrook, Arizona



Splash Zone, LLC

Chesterton, Indiana



Splash Zone, LLC

Austin, Texas



 **Gilbert, Arizona**



 **Santa Clarita, California**



**Tucson, Arizona**



**Avondale, Arizona**



01/08/2019

Re: Bonding Assurance: Splash Zone, LLC
Mesa, AZ

Bond Qualification Letter.

To whom it may concern:

Splash Zone is a valued bonding client of our agency. They have earned an excellent reputation both for the quality of its work as well as completing its projects in a timely manner. It also has a seasoned and capable management team, known for their integrity in their contracting endeavors.

Splash Zone has handled all their projects in an excellent manner, with no bond claims.

Splash Zone has a single limit of \$1,000,000.00 and an aggregate of \$2,000,000.00. While these are their current limits, the surety will entertain larger requests on a job-by-job basis.

Splash Zone is bonded by Ohio Casualty Insurance Company, licensed to do transact surety business in all 50 states and is a U.S. Treasury "A" rated Surety Company by A.M. Best.

This letter is not to be construed as an agreement to provide surety bonds for the any particular project, but is to offer as an indication of our past experience and confidence in this firm. Their bonding company, Ohio Casulaty Insurance Company, will consider issuance of final payment and performance bonds within the parameters mentioned heretofore. However, it reserves its right to modify its plans upon the review of the terms and conditions of any contract and contract bond forms, any underwriting information the surety deems pertinent and project financing.

Again, we highly recommend Splash Zone to you as an excellent prospective contractor. Should you have any questions, do not hesitate to contact our office.

Sincerely,

A handwritten signature in black ink, appearing to read 'Taylor J. Wilstead', written over a horizontal line.

Taylor J. Wilstead, Attorney-in-Fact
at Bonding Solutions, LLC

480-835-6745



Splashed Ice

Integrated Ice Rink & Splash Pad System

With the growing demand for multipurpose winter and summer facilities, Custom Ice has developed a line of ice rink and splash pad combination products. These facilities use the same floor to operate as a refrigerated ice rink in the winter and splash pad in the summer. With our Splashed Ice system, the splash pad water lines and ice rink piping are built right in making seasonal changeover easy. This dual use creates double the fun at a fraction of the cost and space of two separate facilities!

- ▶ Patented dual use drains for water and ice integration
- ▶ Refrigeration system maintains ice up to 50°F/10°C
- ▶ Concrete floor construction
- ▶ Numerous water feature options to choose from
- ▶ Any size or shape is possible

WHY SPLASHED ICE

- ✓ Year round community focal point
- ✓ Common use of parking, lighting, change areas and other facilities
- ✓ No need for life guards
- ✓ Maximizes green space in the park by only having one concrete pad



Ten Reasons to Garden with Swamp Milkweed in Wet Soils

[Betsy Nottingham August 3, 2018](#) [Uncategorized](#)

1 Swamp Milkweed likes wet soils

With a record amount of rainfall this summer, Swamp Milkweed caught my attention because this versatile plant likes wetter soils and even clay soils.

- Looking for an outstanding and showy flower to plant that grows in wet soils and supports important pollinators? Swamp Milkweed is a super hero of plants. To grow Swamp Milkweed, *Asclepias incarnata*, start with a walk around the whole area.
- Take a closer look at your landscape's characteristics. Kneel or crouch down, say about a foot or two feet from the ground and look across the horizon at all the high and low places in your garden from several different angles. Do you see lower damp areas called swales, springs or moist areas near creeks and add irrigation ditches and moist areas where grass grows faster? Where are the "wet feet" areas for growing plants?
- Identifying wet soils: the plants that like "wet feet" are able to grow and tolerate the more water-filled soils. Dig about six inches to one foot and check the soil moisture levels. Does your soil stay saturated or wet most of the season? Does it naturally pond after a rainfall? You can see and feel the ground over several days for a general impression. Swamp Milkweed likes wet roots and grows throughout the United States in wet soils. Swamp Milkweed is found naturally along creeks, lakes and water edges. Plant near the edge of the water, but not in the water.

2 Swamp Milkweed tolerates clay soils



- According to the USDA fact sheet *Asclepias incarnata*, [Swamp Milkweed](#) tolerates heavy clay soils. Dense, heavy clay soils are a common challenge in gardens and frequently found in low-lying areas.

Monarch Butterfly enjoying Swamp Milkweed.

Photo, Betsy Nottingham

3 Swamp Milkweed is deer-resistant

- The alkaloid content in milkweeds is bitter. Deer find it repugnant and avoid eating milkweeds.

4 Swamp Milkweed is found throughout the continental United States

USDA MAP of Swamp Milkweed in green.

- As a native perennial, Swamp Milkweed grows in most [states](#), except in some Western states.
- It is an important plant recommended for land use in wetland restoration and conservation.
- Native plants support native pollinators and integrate beautifully into the ecosystem.

5 Swamp Milkweed is the favorite food of Monarch Butterflies

- The Monarch Butterfly loves the nectar of Swamp Milkweed flowers throughout the bloom season. The leaves also serve to feed young Monarch caterpillars.
- Monarchs are a species at risk from loss of habitat and need patches

of milkweed.



Monarch caterpillar and Swamp Milkweed, late summer. Photo Will Zacker

6 Swamp Milkweed is a perennial plant

Native milkweed is a perennial, which means it is a plant that returns and grows the next year where it was planted. Pollinators rely on dependable feeding habitats year after year. In fact, pollinators even return to the same flowers, coming back several hours on the same day to check the [nectar and pollen levels](#). It takes a long time to regenerate depleted nectar in plants. As a beneficial plant, Swamp Milkweed buds continue to open at different times on the same plant to offer nectar and pollen.

- Specialized Honey Bees called Scouts spend a lot of time in the air. Bees may travel from five to forty miles a day. When you grow mass plantings of Milkweeds, bees can easily see Swamp Milkweed from some distance away.

7 Swamp Milkweed is a good vegetative cover for stormwater basins

- Swamp Milkweed is valuable in [stormwater management](#) for water flow and drainage in basins. Where the soil stays damp or slightly wet, grow Swamp Milkweed on the lower and middle sides of the slopes.
- Uplands plants tolerate drier soils and more drought-resistant species.

Compliment your Swamp Milkweed with Black Eyed Susans, Purple Coneflower, Poppies and Asters, which do well in the top area of a stormwater basin that is sunny and drier.

- A vegetative cover of Swamp Milkweed prevents soil erosion. Deep-rooting, perennial plants help slow down the flow of fast-moving water during storm runoff.

8 Swamp Milkweed and mud puddling for butterflies

- As a landscaping plant, Grow Swamp Milkweed looks great next to water features in gardens and attracts butterflies to your garden.
- An open, flat mud puddle near the milkweed attracts Butterflies for "mud puddling." Butterflies like to gather in mud puddles to drink and sip salts from mineral nutrients in soil.

9 Swamp Milkweed and the Monarch Migration Route

Add Blake's Five Monarchs on a Swamp Milkweed photo

- [Habitat loss](#) is responsible for part of the decline in Monarch Butterflies.
- Monarch Butterflies follow a known established migratory route which presents challenges to find feeding sites and pollinator gardens along the [Route](#).
- Monarchs will visit your Swamp Milkweed to lay eggs and reproduce on their way north. On the return trip, they can sip nectar from late-blooming flowers in your garden.

10 Swamp Milkweed in [naturalizing](#) gardens is a visual beauty

- Swamp Milkweed, *Asclepias incarnata*, is a rosy, muted to deep pink. It

has a restful, natural presence in gardens.

- In color theory, red and green are complements. A shade of pink balances with green; it is a warm color beside the fresh, cool feeling green.
- Swamp Milkweed naturalizes, creating large broad waves of color. Naturalized patches follow patterns in nature, not artificially straight lines.
- To get a butterfly's attention, consider plant large groupings of three to five plants in different spots, and near water features in your gardens.



*Swamp Milkweed is a longlasting, bright pink flower for summer and late season pollinators
Photo Betsy Nottingham*

References

United States Department of Agriculture, USDA Swamp Milkweed

USDA map of Swamp Milkweed in continental United States

Morgridge Institute for Research, Blue Sky Science: "Do plants produce nectar every day?"

Philadelphia Water Department Stormwater Management Practice Guidance

www.texaspollinatorpowwow.org

US Department of Agriculture Forest Service Monarch Butterfly Migratory
Route

The National Wildlife Federation Garden for Wildlife Swamp Milkweed

Colormatters.com

Hiking, Biking, and Recreational Path System

-  Active Paths
-  Des Plaines River Trail
-  Recreational Waterways
-  Proposed Paths
-  Canoe Launch
-  School
-  Library
-  Corporate limit
-  Neighboring Community

