

DRAFT: 3/15/16

2016 – 2020

Incorporated Village of Garden City –
Department of Recreation and Parks Strategic
Plan – Phase I



TABLE OF CONTENTS

INTRODUCTION	2
GOALS	4
ASSESSMENTS AND ACTION PLANS	5
1. DEVELOP MULTI-YEAR CAPITAL INVESTMENT PROGRAM	5
COMMUNITY PARK	6
ST. PAUL'S RECREATION COMPLEX	10
NASSAU HAVEN PARK	12
STEWART FIELD	13
HEMLOCK PARK	14
EDGEMERE PARK	15
GROVE PARK	16
TULLAMORE PARK	17
2. UPGRADE AND ENHANCE FIELD AND FACILITIES MANAGEMENT AND MAINTENANCE PROGRAM	18
3. REVIEW PROGRAMS	19
4. SOURCE NECESSARY FUNDS WITHOUT INCREASING TAXES	21
NEXT STEPS	23
FISCAL YEAR SUMMARY – CAPITAL AND OPERATING INVESTMENT	24
TIMELINE OF TOTAL CAPITAL AND OPERATING INVESTMENTS	30
EXHIBITS	31
EXHIBIT A – MAP	32
EXHIBIT B – PARK INVESTMENT TIMELINE	33
EXHIBIT C – PROGRAM LIST	38
EXHIBIT D – CAMERON ENGINEERING REPORT AND SITE MAP	40

INTRODUCTION

The mission of the Village of Garden City's Department of Recreation and Parks is to enrich the lives of residents, serve as stewards of Village resources, and foster a sense of community by providing diverse and valued parks, open space recreational facilities, and programs. Our recreational resources and the many programs that utilize them offer residents of all ages a myriad of choices to pursue leisure activities.

Importantly, they provide our youth with an entry point to a broad range of athletic and other opportunities, serving as a compelling counter to the more sedentary and isolating pull of the electronic age in which we live. The skills and values that are developed and nurtured on our fields and in our facilities provide a foundation for a lifetime of recreational enjoyment as well as a range of competitive opportunities. The success of our high school athletic teams in interscholastic competitions, and the college and other opportunities that such success provides to our student-athletes, is undoubtedly traceable in no small measure to the quality of the programs and activities—many of them run by dedicated local volunteers—that utilize our facilities.

As important as our recreational assets may be, over the years our capital investment in those assets has not kept pace with the considerable demands of such a diverse portfolio. Our underinvestment has become more acute in recent years, due in part the escalation in pension and health costs for our workforce and the constraints imposed by the New York State-imposed tax cap.

Despite these considerable challenges, the Board of Trustees, working with our Recreation Commission, understands that we must find ways to address a range of significant capital investment needs including in our recreational assets. It is with that in mind that we have embarked upon a multi-phase strategic planning process for the Recreation and Parks Department.

This document represents the completion of the first phase of that effort which is intended to address the needs of our most significant *existing* facilities (exclusive of our Pool and Tennis Facilities which we expect to separately address). It seeks to answer the following questions:

- What are our key assets?
- Who uses them and for what purposes are they used?
- What is their current condition?
- What level of renovations and/or improvements do they require in light of the demands placed on them?
- What are the range of options and the costs for those renovations and/or improvements?
- What are the optimal solutions across our portfolio of assets that balances cost and benefit?
- How are we proposing to fund the costs?
- Over what timeframe *can we*, and in what order of priority *should we*, proceed?

To help answer these questions, we have conducted an extensive review of our facilities assisted, in some cases, by engineering and other professionals. Working with the Recreation Commission which is comprised of resident volunteers, we have reached out to our Property Owners' Associations and solicited input and

suggestions. We have also opened a dialogue with the leaders of many of our local athletic organizations to seek information about their usage patterns as well as their views on current and future needs.

In all of our analyses, we have tried to be clear-eyed in our assessments and pragmatic in our judgments. Where estimates were required – and they frequently were – we have tried to be realistic, recognizing that overly conservative or unduly optimistic assumptions undermine our ability to efficiently implement our plans. With that said, we view this plan – like any multi-year undertaking – as a work in progress that will require ongoing refinement and reassessment in light of changing circumstances as we move from the planning phase to the implementation phase. We envision a process that will continue to seek the input and involvement of all of our stakeholders particularly in the lead-up to the critical annual budget process which is where capital investment decisions will be formalized. And, once the implementation of the work contemplated by this Phase I is well underway, it will be appropriate to turn our attention to Phase II. That phase will have as its goal developing a future vision for Recreation and Parks in Garden City.

GOALS

The fulfillment of our mission requires **programs** that meet a range of interests and needs, and **fields and facilities** that are safe, accessible and attractive to residents and other users.

With that in mind, the goals for Phase I of our Strategic Plan are as follows:

1. Develop a multi-year capital investment program designed to bring our fields and facilities to the high standards that our residents have a right to expect. While the speed with which we can fully achieve this goal will necessarily depend on availability of necessary funding, we will strive to consider safety, need, and utilization in the prioritization and sequencing of capital investments.
 - I. Prioritize athletic field and infrastructure improvements.
 - II. Assign estimated operational and capital costs.
2. Upgrade and enhance our field and facilities management and maintenance program to maximize the utilization and enjoyment of our recreational assets while protecting our capital investments.
 - I. Develop a complete maintenance management plan for athletic fields.
 - II. Monitor regular maintenance of recreational facilities.
3. Conduct a critical review of the programs sponsored by the Recreation Department with an aim to assure that we are meeting a broad range of community needs while matching resources to interest and demand.
 - I. Provide programs and heart healthy activities for youth, adults, and seniors.
 - II. Expand cultural opportunities.
 - III. Increase capacity for recreational programs.
4. Source funds necessary to fuel the capital investment program by (a) optimizing revenues from facilities usage and programs and (b) identifying and capturing sustainable operational savings that can be redirected to enhance our recreational assets.
 - I. Maximize revenue derived from programs and facility rentals.
 - II. Create savings through outsourcing critical maintenance services.
 - III. Identify primary and alternative funding sources.

The pages that follow discuss each of these goals in more detail together with the proposed action steps to meet them.

ASSESSMENTS AND ACTION PLANS

Goal 1: Develop a multi-year capital investment program designed to bring our fields and facilities to the high standards that our residents have a right to expect. While the speed with which we can fully achieve this goal necessarily will depend on availability of necessary funding, we will strive to consider safety, need, and utilization in the prioritization and sequencing of capital investments.

The Recreation Department's Maintenance Division is responsible for the daily and preventive maintenance of 25 buildings totaling approximately 110,000 square feet and the maintenance and upkeep of 100 acres of active park property including 78 acres of natural turf athletic fields. Within the parks inventory are 5 neighborhood parks including Nassau Haven, Tullamore, Edgemere, Grove, and Hemlock each containing standard playground systems, ballfields, comfort stations, and athletic courts. These parks were utilized by over 65,000 visitors last year. Community Park contains 4 ball fields, a soccer field, a miniature golf course, a roller rink, a clubhouse, a comfort station, 4 platform tennis courts, and a maintenance service area. St. Paul's Recreation Complex contains 39 acres of irrigated natural turf athletic fields, a 20,000 sq. ft. Field House, Cluett Hall, a playground, a comfort station, and the Recreation Administration offices. Stewart Field contains 3 ball fields, a football/lacrosse field, and a comfort station. Altogether our inventory of recreational facilities includes 16 baseball/softball fields, 17 soccer/lacrosse fields, 6 outdoor tennis courts, 9 basketball courts, and 7 playground systems.

Due to considerable use and aging of these parks, fields, and facilities, a complete assessment of conditions was undertaken to determine their current condition and needs. The assessment confirmed that our most undesirable field conditions exist at Community Park Fields 3 and 4, our most utilized baseball fields in the system, which sit atop a former landfill. Unstable subsurface conditions have resulted in considerable sinking and playing surface irregularities which, an engineering study confirms, will necessitate more significant renovations. Other fields at Community Park, though not as acutely impacted by subsurface instability, require various levels of renovation. Our fields at St. Paul's Recreation Complex on the other hand underwent significant renovation within the past 11 years, have a sophisticated irrigation system and therefore are in better condition than most fields in our inventory. The condition of the Stewart facility and our five local parks varies but, in general, field playing surfaces are substandard, caused in part by the lack of serviceable irrigation systems which have hampered turf management efforts. Comfort stations similarly, require a range of renovations to both interiors and exteriors. A somewhat different situation exists regarding playground systems where 5 of 7 systems have been replaced relatively recently, leaving only 2 systems that require replacement.

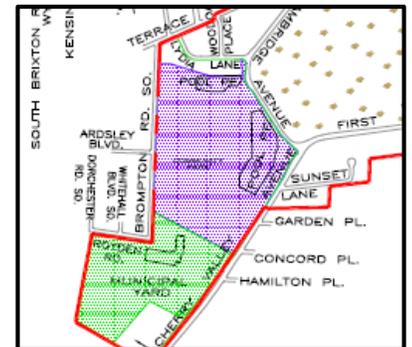
Set forth below are more detailed descriptions of each of the parks, fields and facilities that are in scope for Phase I of this plan, together with a discussion of current conditions and proposed investments. Exhibit "B" sets forth in tabular format the cost and timing of the proposed improvements.



COMMUNITY PARK

DESCRIPTION

This 29.5 acre park straddles the Central and Estates Sections of the Village. It includes; a clubhouse, a skin infield baseball field (Field 1), a 60-foot lighted Little League baseball field (Field 2), a lighted softball/baseball field (Field 3), a lighted 90-foot baseball field (Field 4), a soccer field, a children's playground, four platform tennis courts, four indoor Har-Tru tennis courts, an 18 hole miniature golf course, the Athlete's Square with sheltered picnic area, and a roller hockey rink. Adjacent to these facilities is the Village Pool Complex which is run as an enterprise fund and, accordingly, is not addressed in this strategic plan.



As one of the two major hubs for the Community and the Recreation and Parks Department's based sports and activities, Community Park is used year round by both residents and nonresidents participating in softball leagues, tennis, platform tennis, sports camps, roller hockey, community based programs (soccer, baseball, football and softball), and special events such as the Easter Egg Hunt and mini golf nights. Over 140,000 people visit and over 900 sports games are played at Community Park each year making it one of the most highly used facilities in the Village.

EXISTING CONDITIONS

Community Park's athletic fields are located atop a former landfill where various types of organic and inorganic debris are buried. The landfill was closed over 50 years ago and subsequently the site was in-filled and converted to its current uses. Over the years, subsurface decomposition and settling has caused increasing irregularity in playing surfaces, particularly Fields 3 and 4. The settling has become more pronounced in recent years, which has resulted in unacceptable playing conditions.

To help determine the best course of action for the Community Park fields, we commissioned a geotechnical engineering study of the site which included the drilling of 24 test borings. The results of that study (see Exhibit 4) reveal that the most unstable areas exist under fields 1, 3, and 4 (though Field 1 has not yet experienced significant surface level irregularities). More stable subsurface conditions were found beneath field 2 and the soccer field.

Based on the results of the subsurface analysis, our engineers provided various options for the rehabilitation of all fields together with preliminary cost estimates. The renovations contemplated by this plan reflect our efforts to select the optimal solution for each field, taking into consideration costs (both initial and ongoing), utility across a range of uses and conditions, and the additional risks inherent in managing and maintaining facilities built on landfills. In that regard, our engineers have advised that additional settling on these fields is inevitable in years to come, but the degree and timing of such settling is not predictable. Accordingly, our renovation plans include the introduction of underdrain systems during renovations, as recommended by our engineers, which we are advised should help to slow (but not prevent) major settling.

We have chosen not to incur substantial additional costs of excavating and removing enough soil and to permit the installation of a layer of crushed concrete and membrane which could further slow (but again, not eliminate) surface settling. It is important to note that such actions would not eliminate the vast majority of debris buried below the surface (the removal of which is not economically feasible), and therefore would not address the potential cause of future settling. Moreover, in addition to the very substantial additional cost, this action would add considerable uncertainty to the project due to the need for disposal of material that has been excavated. Accordingly, in consultation with our engineers, we have determined that the more prudent course would be to avoid the substantial additional cost (approximately \$1.3 million for just Fields 3 and 4), but anticipate that we will likely have some additional expenses in years to come to maintain these fields.

Recognizing the likelihood that we will encounter additional settling on Fields 3 and 4 in years to come, we have concluded that it is not advisable to install artificial turf in the outfields on these fields (including the areas used for football), which are the areas in which significant settling has occurred. Using natural turf in these areas will make it much easier and less expensive to level and repair areas that settle in the future. We have reached a different conclusion with regard to the infields. Utilizing artificial turf in the infields offers considerable advantages. In addition to lowering maintenance costs for these areas (which is where much of the costs of maintaining fields are spent), artificial infields allow for much faster recovery and use after rain, which can significantly increase the number of games that can be played over the course of a season as well as improving game conditions. For these reasons, as well as the relatively modest settling that has been experienced in the infields of Fields 3 and 4, we believe that it is appropriate to utilize artificial turf in these areas.

PLANNED IMPROVEMENTS

2015-16/2016-17: Field 3 (softball/baseball) and Field 4 (lighted 90-foot baseball) will be renovated.

Renovations will include the removal of existing turf, installation of irrigation, installation of underdrain systems in the infields and outfields, laser grading, and installation of synthetic turf infields and natural turf outfields. In addition, safety fencing, backstops, and dugouts will be replaced.

2017-18: The soccer field is to be converted to a synthetic turf surface, lined for multiple sports, include underdrain system and permanent field lighting. In addition, Field 1 (softball) will be renovated. Renovation will include the installation of an underdrain system in the infield of existing playing surface.

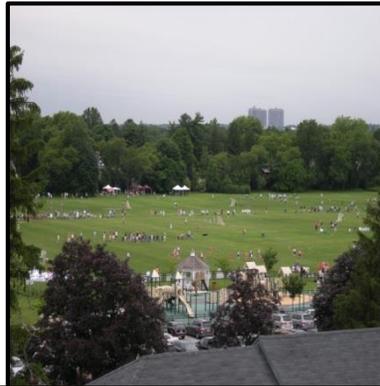
2018-19: Field 2 (lighted Little League baseball) will be renovated. Renovations include the installation of a new synthetic turf infield and sod outfield, irrigation, and installation of an underdrain system throughout all playing surfaces. Safety fencing and dugouts will also be replaced. Playground apparatus and safety surfacing located next to the clubhouse will be replaced.

COMMUNITY PARK CAPITAL IMPROVEMENT TIMELINE

<u>Area</u>	<u>2015-16/2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>
Field 4	\$1,812,140			
Field 3				
Field 2			\$558,082	
Field 1				
Soccer Field		\$1,946,717		
Playground				
Play Apparatus			\$100,000	
Safety Surfacing			\$80,000	
Total Costs	\$1,812,140	\$1,946,717	\$738,082	

* Work is planned to begin in 15/16 and be completed in 16/17

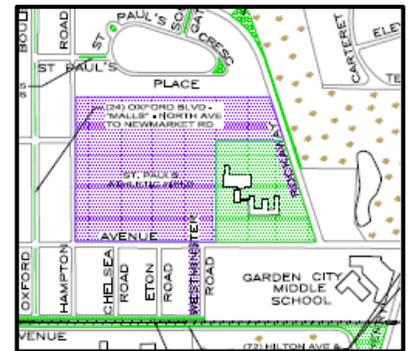
** Preliminary estimate; needs to be validated.



ST. PAUL'S RECREATION COMPLEX

DESCRIPTION

This 48-acre park is located in the Estates Section of the Village. It includes Cluett Hall, which houses a small auditorium, 1 small meeting room, and restrooms; Ferigna Field House, which houses 4 basketball courts and restrooms; 25 acres of playing fields including a 1 – 90 foot baseball field and 9 lacrosse/soccer fields; 1 elementary school-aged playground and 1 pre-school-aged playground; and a comfort station with men’s and women’s restrooms.



Over 95,000 park visitors play on the expansive playing fields. Community athletic groups and our own schools participate in over 800 soccer games per year, over 200 lacrosse games per year, over 100 baseball games per year and countless practice hours on the St. Paul’s fields. In addition, the St. Paul’s fields are used by the Recreation Department for many of its camps during the summer. The Village also rents the St. Paul’s fields to various entities for tournaments and other activities, generating considerable revenues.

Cluett Hall is home to the Recreation Department’s well-known recreational dance program serving over 300 children. Seniors participate in special luncheons throughout year at Cluett Hall. The facility is also used for movie days, special shows, and exercise classes. Ferigna Field House is heavily utilized during the school year for after school recreation activities, winter basketball programs, and summer camps. The Field House is also available for rent for craft shows and outside camps. Each Thanksgiving morning the Field House is used for the Annual Thanksgiving Turkey Trot, where 5000 people come to register for the race.

EXISTING CONDITIONS

Overall, the athletic fields at St. Paul’s are in adequate condition with a fully functional irrigation system and adequate natural drainage conditions. The previous full renovation of the fields from a number of years ago has held up well, though the fields require considerable maintenance. Nevertheless, a condition exists that restricts the normal rotation and placement of fields. An old 400 meter cinder running track just below field grade has created an uneven surface condition that is within the field of play on several soccer fields. Grade changes in excess of 8 inches exist around the entire perimeter and interior edges of the track due to normal settling of soils and the non-settling of the aggregate based track material.

With respect to the buildings at St. Paul’s, the comfort station interior is in need of rehabilitation including the replacement of partitions, floor, and wall finishes. Our heavily utilized Field House requires the replacement of exterior doors due to deteriorated frames. The polyethylene floor in the Field House requires a complete refinishing and relining due to excessive wear, now resulting in a playing surface with reduced traction. Exterior fascia and window frames on the Field House are exposed to the elements and show signs of rotting and disrepair.

PLANNED IMPROVEMENTS

2016-17: Remove the old cinder track from the athletic field area, replace with topsoil and new sod. Renovate Cluett Hall and the Fieldhouse to include floor and wall refurbishment, renovate restrooms, replace fieldhouse windows, exterior doors, fascia and backboards. Replace handicapped accessible ramp to Cluett Hall.

ST. PAUL’S RECREATION COMPLEX CAPITAL IMPROVEMENT TIMELINE

<u>Area</u>	<u>2016/17</u>	<u>2017/18</u>	<u>2018/19</u>	<u>2019/20</u>
Cluett/Field House Rehabilitation	\$275,000			
St. Paul’s Track Removal	\$134,000			
Comfort Station Rehabilitation	\$20,000			
Total Costs	\$429,000			

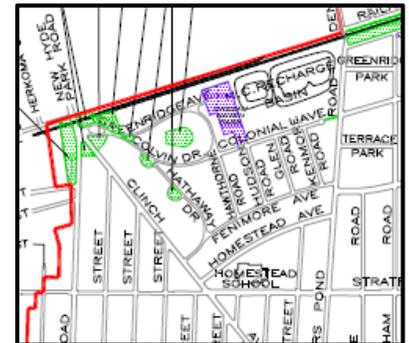


NASSAU HAVEN

DESCRIPTION

This 6.1 acre park located in the Western Section of the Village includes a shelter building with men’s and women’s restrooms, an elementary school-age playground, a pre-school-age playground, a 60-foot baseball field, a basketball court, a soccer field, and a tennis court.

With a regulation sized soccer field, Nassau Haven is used for community-based intramural and travel programs, 32 soccer games and 71 baseball games, numerous organized practices as well as the department’s flag football program. The “Haven” offers a summer recreation program for Garden City youth with supervised games and arts and crafts for all. Over 14,000 people visit Nassau Haven each year. In addition to organized activities, the park serves as a place for local residents to engage in a variety of recreational and leisure pursuits.



EXISTING CONDITIONS

Existing irrigation systems are barely functional due to collapsed polyethylene feed lines that reduce or block water flow. Baseball infield conditions are less than acceptable with uneven grass surfaces, worn pitcher’s mound, and lips where clay and natural turf meet. The interior of the comfort station remains intact but floor and wall surfaces show signs of wear. Fixtures are operational. Exterior building surfaces will require routine painting. Roof condition is good and the heating plant does not require replacement until 20/21.

PLANNED IMPROVEMENTS

2016-17: The baseball infield will be renovated; existing surfacing will be removed, the surface will be regraded and sodded. Safety fencing will be replaced. Also, we will install new irrigation on the baseball and soccer fields in order to support an upgraded field maintenance program.

2018-19: The comfort station interior will be renovated.

2020-21: The exterior of the comfort station will be renovated and the heating system will be replaced.



STEWART FIELD

DESCRIPTION

This 6.1 acre park is located in the eastern Section of the Village. It contains three 60-foot baseball fields (one of which – Field 3 -- has dugouts), a football field, a building which houses men’s and women’s restrooms, and a small concession stand.

With nearly 7,000 park visitors per year, this venue is used for intramural baseball (52 games), football (22 games), and lacrosse (games and clinics), as well as numerous practices. These community based programs are the stars of this park as it offers activities for the youth of our Village.



Exterior building upgrades including painting, re-roofing, and fascia replacement are currently underway to be followed by a complete renovation of the interior Men’s and Ladies restrooms and concession space. Funding was approved in 15/16 Capital Improvement Plan.

EXISTING CONDITIONS

Many zones of the existing irrigation systems on the ballfields and the soccer field are inoperable due to collapsed polyethylene feed lines. Infield conditions all fields include uneven turf, raised lips where infield and outfield meet, and worn pitchers mounds. Safety fencing is rusted and worn throughout the facility.

PLANNED IMPROVEMENTS

2016-17: The infield of the fenced 60’ baseball field will be renovated and the safety fencing will be replaced. Dugouts will be reconditioned. New irrigation is to be installed in the football field, Field #1, and Field #2 and the fenced little league field.

2017-18: Fields 1 and 2 will undergo complete infield renovation and new safety fencing will be installed.

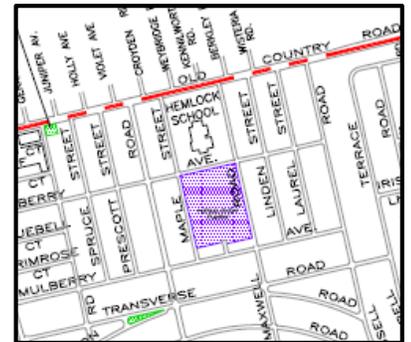


HEMLOCK PARK

DESCRIPTION

This 4 acre park is located in the Eastern section of the Village. It contains a shelter building with men's and women's restrooms, a 60-foot baseball field, a basketball court, a tennis court, an elementary school-age playground, and a pre-school-age playground.

As one of our more popular parks with over 10,500 visitors, Hemlock is an asset to this neighborhood with a very well attended summer recreation program as well as community based baseball games (45 games per year) and numerous practices. In addition to organized activities, the park serves as a place for local residents to engage in a variety of recreational and leisure pursuits.



EXISTING CONDITIONS

Existing irrigation on the ballfield is barely functional with collapsed polyethylene feed lines resulting in minimal water flow. Safety fencing is rusted, broken, and bent. Conditions in the interior of the comfort station reflect floor and wall coverings intact but are showing wear. All fixtures are operational.

PLANNED IMPROVEMENTS

2016-17: New irrigation will be installed.

2017-18: The infield of the baseball field will be fully renovated and new safety fencing will be installed. Also the interior of the comfort station will be renovated.

2018-19: The exterior of the comfort station will be renovated and the heating plant will be replaced.

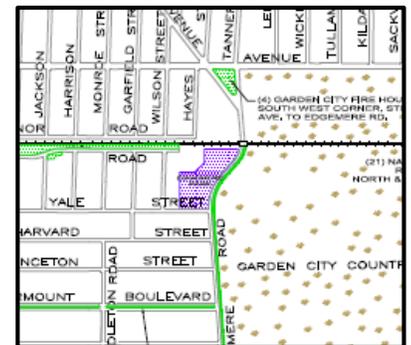


EDGEMERE PARK

DESCRIPTION

This 3.4 acre park is located in the Western Section of the Village. It contains a shelter building with men’s and women’s restrooms, a 60-foot baseball field, three basketball courts, a tennis court, an elementary school-age playground and a pre-school-age playground, and a picnic area with tables and benches.

Edgemere Park offers a variety of children’s activities each summer such as arts and crafts, softball, kickball, and trips. The playground is very popular with neighborhood families. Each year over 12,000 park visitors participate in recreational activities including intramural baseball games (45 per year) and practices, playground use, and the summer program.



EXISTING CONDITIONS

Existing irrigation system condition is similar to other systems with reduced water flow due to collapsed feed lines. Ballfield infield is in poor condition with uneven turf and lips where clay meet outfield grass. Outfield turf is sparse due to poor irrigation. Comfort Station exterior is in need of repairs to the fascia, and the roof is worn and missing shingles. Comfort Station heating plant is operable but requires constant maintenance and repair.

PLANNED IMPROVEMENTS

2016-17: Irrigation and safety fencing will be installed, and the baseball field will be renovated.

2017-18: The interior and exterior of the comfort station will be renovated and the heating plant will be replaced.

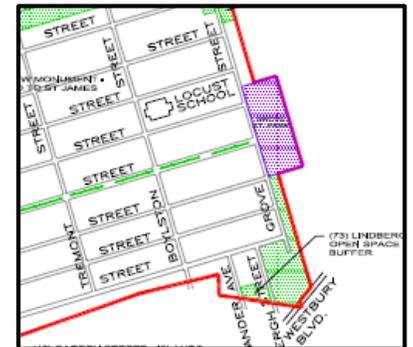


GROVE PARK

DESCRIPTION

This 5.1 acre park is located in the Eastern Section of the Village. It contains a shelter building with men’s and women’s restrooms, a 60-foot baseball field, three basketball courts, a soccer field, two tennis courts, an elementary school-age playground, a pre-school-age playground, and a picnic area with tables.

Grove Park is the site of the Recreation Department’s spring and fall flag football program, basketball, summer recreation program, arts and crafts, and summer softball team. It also used for the community baseball games (60 per year), soccer games (36 per year), and numerous practices. In addition, this park has a shaded picnic area that is available for birthday parties, team parties, and special events. Almost 19,000 park visitors utilize this park each year.



EXISTING CONDITIONS

The comfort station roof is compromised with missing shingles and excessive wear. Fascia is rotted and missing. Heating plant requires frequent repairs. Interior floor and wall surfaces are worn; fixtures are operational. Rust is present around air vents and beginning on partitions. The playground system is approaching 19 year old and is in poor condition with rough surfaces, worn edges, rust and cracked plastic slide. Safety surfacing is worn, missing in high traffic areas, and is also 19 years old.

The infield of the baseball field is uneven with sparse turf and lips where clay infield meet grass outfield. Irrigation throughout this field and the soccer field do not operate properly with entire sections of the soccer field system inoperable. Water main feeding in several zones requires rerouting and replacement.

PLANNED IMPROVEMENTS

2016-17: The exterior of the comfort station will be renovated, the heating plant will be replaced, and the playground apparatus and safety surfacing will be replaced. Also, new irrigation for the baseball/softball and soccer fields will be installed, the infield of the baseball/softball field will be renovated, and new safety fencing will be installed.

2017-18: The interior of the comfort station will be renovated.



TULLAMORE PARK

DESCRIPTION

This 3.3 acre park is located in the Estates Section of the Village. It contains a shelter building with men’s and women’s restrooms, a 60-foot baseball field, a basketball court, a tennis court, an elementary school-age playground, and a pre-school-age playground.

Tullamore Park is nestled in the middle of a neighborhood full of active, young families so the playground is always busy with parents and children from the surrounding area. With 9,500 park visitors, this park is well-used with community-based baseball games (30 per year) and practices, and a fun summer recreation program. Tullamore is also home to the community based “Challenger” soccer program each fall and spring.



EXISTING CONDITIONS

With the loss of two very large oak trees two years ago this park lost significant shade in the sitting areas and playground area. Comfort station interior is worn but all intact, fixtures are operable. Exterior conditions show an aging roof and fascia and a future need for painting. Heating plant is operational but fails on occasion, requiring repairs.

PLANNED IMPROVEMENTS

2016-17: A new irrigation system will be installed on the baseball field.

2017-18: A new shade structure will be installed, the baseball field will be renovated and new safety fencing will be installed.

2018-19: The interior of the comfort station will be renovated.

2019-20: The exterior of the comfort station will be renovated and the heating plant will be replaced.

Goal 2: Upgrade and enhance our field and facilities management and maintenance program to maximize the utilization and enjoyment of our recreational assets while protecting our capital investments.

Actions required to deliver this goal include the development of a complete annual maintenance management plan for athletic fields and the development of a regular maintenance management plan for all other facilities.

Upgrading existing conditions of natural turf athletic fields will require the phased replacement of baseball infields with new sod, installation of new irrigation systems, and a strict adherence to a turf grass maintenance program designed to tolerate current usage levels and improve playability. Cultural practices of aerating, organic fertilization, slice seeding, grading, and topdressing all athletic field natural grass areas are the key practices to improve overall turf grass health and vigor, therefore improving playability. These and other practices will require increased effort and man hours in order to realize an overall upgrading on existing field conditions. To meet this demand the Recreation Department expects to subcontract to a third party provider the maintenance of 91 acres of passive turf areas throughout the Village, which are currently a responsibility of the Parks Services Division of the department. We anticipate that the costs of the third party can be self-funded by the Recreation Department through using a portion of the savings realized from attrition of department staff. This will free-up valuable man hours that will be allocated to the athletic field management plan. Anticipated results will include more fields open for play after rain events and much improved overall conditions.

In addition, we expect to enhance routine maintenance of buildings and other facilities through personnel redeployment and the introduction of a new maintenance management software system capable of tracking resources, assigning tasks, and documenting completion.

We anticipate realizing operational savings averaging \$12,000 to \$15,000 annually on fields where natural turf infields are replaced with synthetic turf. To the extent that we can achieve sufficient revenue enhancements and operational savings, we would look to increase the use of synthetic turf in other areas which would further enhance playability and maximize games played.

Goal 3: Conduct a critical review of the programs sponsored by the Recreation Department with an aim to assure that we are meeting a broad range of community needs while matching resources to interest and demand.

Our Program Services Division within the department is responsible for the planning and implementation of a wide range recreational programs and activities that meet the range of interests and needs for youth, adults and senior residents. Each year all programs and activities are evaluated for user demand and either expanded, reduced, or on occasion eliminated based on levels of interest and related financial considerations. For a detailed listing of current programs and activities offered, participants and frequency see Exhibit “C”.

CURRENT OFFERINGS

Current programs for youth offered at various facilities during the school year, with 2,700 participants include flag football, dance, both non-performance and performance based, tennis, roller and floor hockey, swim lessons, gym programs, and peewee sports for preschoolers. During the Summer months over 2,100 youth participate in a variety of cultural and sports camps including language, computers, Legos, filmmaking, environmental, science, yoga, baseball, basketball, soccer, softball, lacrosse, tennis, peewees, field hockey, and multi-sports.

Programs and activities designed for adults include softball leagues; field house open gym time for basketball, volleyball and soccer; exercise classes; Zumba; yoga; tennis leagues and instruction; roller hockey, and learn to play paddle tennis. Last year over 6,200 adults participated in these recreational activities. Other special events attended by over 3,000 participants included the Annual Easter Egg Hunt, Gazebo Concerts, Winter Family Shows and Movies, and Field House Recreation Nights.

Specially designed programs and activities for seniors include Zumba fitness and stretch classes, luncheons, day trips, and annual barbeques. Currently over 6,800 senior residents participate in these activities. In addition various department facilities continue to host regular meetings of senior groups including the Retired Men’s Club, Senior Women’s Club, Grandmothers Club, Senior Duplicate Bridge, Duplicate Bridge, Property Owners Associations, and various other local organizations.

FUTURE OFFERINGS AND PLANS

Efforts to expand recreational program opportunities will begin with the addition of a monthly senior activities schedule to be offered at the newly renovated Senior Center on Golf Club Lane. New activities are to include Tai Chi, several lecture series, pot luck suppers, movies, luncheons, and classes in cooking and dance. Other new heart healthy and cultural activities such as walking clubs and the expansion of concert series venues are presently under consideration.

In addition to new programs for seniors, we will also continue to look more generally at the feasibility of expanding our most successful programs. In addition, we will continue to look to add new types of programs in response to resident requests and observations of programs that have proven to be popular elsewhere. Doing

so will not only meet a broader range of needs; it will also create the potential for increased revenues which can fund investments in recreational assets. We will identify potential new programs through periodic surveys of residents as well as by tapping into the experiences of recreational professionals across the nation.

Goal 4: Source funds necessary to fuel the capital investment program by (a) optimizing revenues from facilities usage and programs and (b) identifying and capturing sustainable operational savings that can be redirected to enhance our recreational assets.

The table below identifies the estimated costs of the investments contemplated in this phase of our Plan, funds available in our current 5-Year Capital Plan, and the estimated funding gap. (Note: amounts in the table do not include non-capital items expected to be funded out of the Recreation Department’s normal operating budget adjusted only for inflation.)

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Estimated Plan Costs	\$2,857,140	\$1,966,717	\$738,082			\$5,561,939
Available Capital Budget \$\$	\$650,000	\$50,000	\$225,000			\$925,000
Estimated Net Funding Needs	\$2,207,140	\$1,916,717	\$513,082			\$4,636,939

As the table above illustrates, there is a considerable funding gap between the ambitious investments proposed in Phase I and the funding available in our current 5-Year Capital Plan. Given the constraints of the state tax cap which extends through 2020, there is likely to be little opportunity to close that gap through tax increases while maintaining tax-cap compliant budgets.

As a result, we need to look for alternatives to bridge the funding gap. Those alternatives will include increasing fees for our facilities and programs to reflect increasing costs and market realities. Although this is an effort that will apply to all of our facility and program charges, we recognize the criticality of making sure that non-residents who use our facilities pay appropriate market-based rates for that privilege.

Of course, fee increases alone may not be sufficient to offset the full costs of the investment that this plan contemplates. To help close that gap, it will be critical to find operational efficiencies in our Village operating budget – that is, operational savings that can be repurposed to fund needed capital investments without raising taxes. We have already begun to identify such savings by, e.g., by selectively sub-contracting services previously provided by Village employees to outside contractors. As noted above, we are in the process of exploring opportunities to do so within the Recreation Department. Moving forward, we will need to continue to identify and effectuate such savings in order to fuel the investments we are looking to make.

Realistically, however, neither fee increases nor operational savings will likely yield enough to offset the funding gap in the near term and enable us to pay the full costs in cash. Therefore, our expectation is that we will utilize borrowings to provide the needed capital investment dollars, taking advantage of the current low interest rates and our Aaa credit rating. Our intention is to size and structure the borrowings based on our success in raising fee revenues and finding operational savings, with a goal of funding the costs of Phase I of this plan on a budget-neutral basis. **Our ability to do so while meeting the ambitious investment goals and timeframes in this plan will be dependent on our success in achieving similarly ambitious revenue and savings goals.**

With the encouragement of the Recreation Commission, we are in discussions with other users of our facilities who currently do not pay fees to seek their financial contribution to the costs of this plan. With that in mind, the Recreation Commission has approved facility and program fee increases that are expected to yield sufficient revenue increases over time to fund the costs of approximately 85%-90% of the funding needed to make the investments contemplated in this plan. With the encouragement of the Recreation Commission we are in discussions with other users of our facilities who currently do not pay fees to seek their financial contribution to the costs of this plan.

NEXT STEPS

This plan is intended to be used by the Board of Trustees in the development of the five-year capital plan that will be contained in the 2016-17 Village budget. Based on the outcome of that process, work will commence on implementation plans, at least for the next budget year. We note that some work has commenced in advance of that process in order to address the acute needs at Fields 3 and 4 in Community Park. Based on the engineering analysis done at Community Park, the Board has already approved moving forward with the renovation of Fields 3 and 4 beginning as soon as weather permits in 2016. The pacing of future investments in our existing facilities will be subject to ongoing monitoring and the annual capital planning process, as well as funding availability.

Equally important, the annual budgeting process will serve as the check point on not just our capital spending, but also our Recreation Department operating budgeting and planning to assure that we are preserving the value of our capital investments through appropriate maintenance programs.

Finally, as we approach the mid-point of our implementation efforts of this phase of our strategic planning process, it will be appropriate to begin work on Phase II of the Recreation Department Strategic Plan. That phase will have as its goal developing a future vision for Recreation and Parks in Garden City. And it will be timed to be completed well before we have finished our Phase I investments, in order to allow for any recalibration of later stage investments that may be appropriate.

Again, this plan is intended to be organic and flexible. We invite feedback from all stakeholders and will look to adapt this plan in response to that feedback as well as new information and changing circumstances as necessary.

FISCAL YEAR SUMMARY – CAPITAL AND OPERATING INVESTMENT

**Fiscal Year Summary
2016-2017***

Capital and Operating Investment Detail

	Operations	Capital
Athletic Field Renovations		
Community #4		\$1,812,389
Community #3		
St. Paul's Track Removal		\$134,000
Nassau Haven		
Turf Renovations	\$7,500	
Fencing	\$7,000	
Stewart Fenced		
Turf Renovations	\$7,500	
Fencing	\$7,000	
Edgemere Park		
Turf Renovations	\$7,500	
Fencing	\$7,000	
Grove Park		
Turf Renovations	\$7,500	
Fencing	\$7,000	
Irrigation		
Nassau Haven		\$30,000
Nassau Haven Soccer		\$40,000
Stewart Fenced		\$25,000
Stewart Field #1		\$30,000
Stewart Field #2		\$30,000
Steward Field		\$40,000
Hemlock Park		\$30,000
Edgemere		\$30,000
Grove Field		\$30,000
Grove Soccer		\$40,000
Tullamore		\$30,000
Irrigation Design		\$25,000

Fiscal Year Summary

2016-2017 cont.

Capital and Operating Investment Detail

	Operations	Capital
Building Renovations		
Grove		
Exterior	\$11,500	
Heating Plants	\$5,000	
St. Paul's Comfort Sta. Interior		\$20,000
Cluett Hall and Fieldhouse Renovation		\$275,000
Floors and Walls Rehabilitation		
Fascia Replacement		
Exterior Door Replacement		
Restroom Rehabilitation		
Rec. Administration - Carpet Replacement	\$9,400	
Playground Systems		
Grove		
Play Apparatus		\$113,000
Safety Surfacing		\$123,000
Total Irrigation Cost		\$380,000
Field Renovations, Materials	\$30,000	
TOTAL INVESTMENT	\$83,900	\$2,857,140

* It is expected that work on Fields 3 and 4 will commence in early 2016, |
to the commencement of the 2016-17 fiscal year.

Fiscal Year Summary

2017-2018

Capital and Operating Investment Detail

	Operations	Capital
Athletic Field Renovations		
Community Park Soccer Turf Field		\$1,946,717
Community #1 – Underdrain System	\$25,000	
Stewart #1		
Turf Renovations	\$7,500	
Fencing	\$7,000	
Stewart #2		
Turf Renovations	\$7,500	
Fencing	\$7,000	
Hemlock		
Turf Renovation	\$7,500	
Fencing	\$7,000	
Tullamore Field		
Turf Renovation	\$7,500	
Fencing	\$7,000	
Building Renovations		
Grove Interior	\$15,000	
Edgemere		
Interior	\$15,000	
Exterior	\$11,000	
Heating Plants	\$5,000	
Hemlock Interior	\$15,000	
Playground Systems		
Tullamore Shade Structure		\$20,000
TOTAL INVESTMENT	\$144,000	\$1,966,717

Fiscal Year Summary 2018-2019

Capital and Operating Investment Detail

	Operations	Capital
Athletic Field Renovations		
Community #2		\$558,082
Building Renovations		
Hemlock		
Exterior	\$11,500	
Heating Plants	\$5,000	
Tullamore		
Interior	\$15,000	
Nassau Haven		
Interior	\$15,000	
Playground Systems		
Community Park		
Play Apparatus		\$100,000
Safety Surfacing		\$80,000
TOTAL INVESTMENT	\$46,500	\$738,082

Fiscal Year Summary

2019-2020

Capital and Operating Investment Detail

	Operations	Capital
Building Renovations		
Tullamore		
Exterior	\$11,500	
Heating Plants	\$5,000	
TOTAL INVESTMENT	\$16,500	

Fiscal Year Summary

2020-2021

Capital and Operating Investment Detail

	Operations	Capital
Building Renovations		
Nassau Haven		
Exterior	\$11,500	
Heating Plants	\$5,000	
TOTAL INVESTMENT	\$16,500	

TIMELINE OF TOTAL CAPITAL AND OPERATING INVESTMENTS

Total Renovations Investments Cost

	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>	<u>Total</u>
Capital Costs	2,857,140	1,966,717	738,082			5,561,939
Operating Costs	<u>83,900</u>	<u>144,000</u>	<u>46,500</u>	<u>16,500</u>	<u>16,500</u>	<u>307,400</u>
Total Costs	2,941,040	2,110,717	784,582	16,500	16,500	5,869,339
Available Capital Budget \$\$*	650,000	50,000	225,000			925,000

* Current 5-Year Cap. Plan

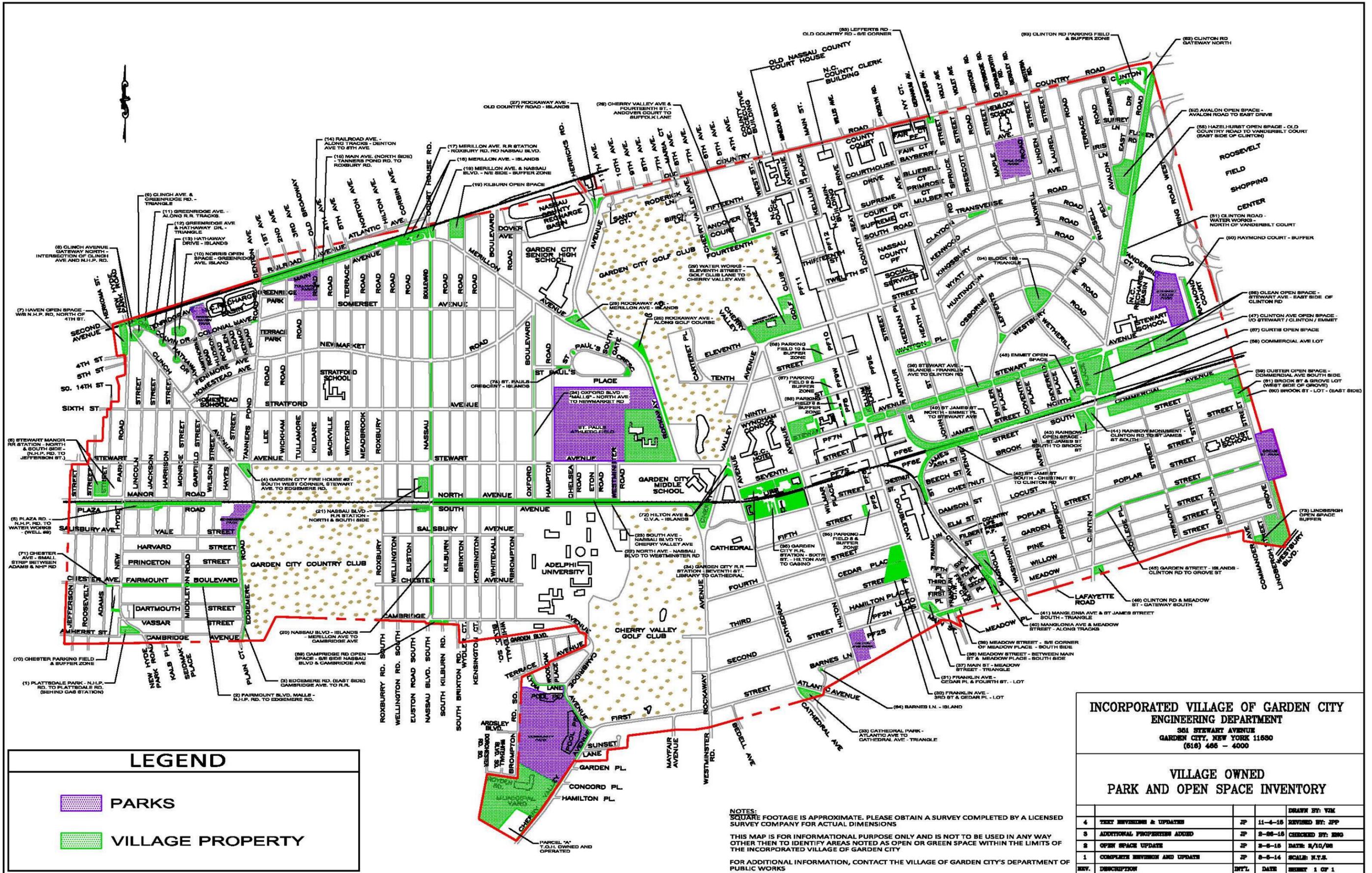
EXHIBITS

EXHIBIT A – MAP

EXHIBIT B – PARK INVESTMENT TIMELINE

EXHIBIT C – PROGRAM LIST

EXHIBIT D – CAMERAON ENGINEERING REPORT AND SITE MAP



INCORPORATED VILLAGE OF GARDEN CITY
ENGINEERING DEPARTMENT
 361 STEWART AVENUE
 GARDEN CITY, NEW YORK 11530
 (516) 465 - 4000

**VILLAGE OWNED
 PARK AND OPEN SPACE INVENTORY**

REV.	DESCRIPTION	DATE	BY	SCALE
4	TEXT REVISIONS & UPDATES	11-4-16	REVIEWED BY: JPP	
3	ADDITIONAL PROPERTIES ADDED	8-26-16	CHECKED BY: BHO	
2	OPEN SPACE UPDATE	8-6-16	DATE: 8/10/16	
1	COMPLETE REVISION AND UPDATE	8-6-16	SCALE: N.T.S.	
REV.	DESCRIPTION	DATE	BY	SHEET 1 OF 1

NOTES:
 SQUARE FOOTAGE IS APPROXIMATE. PLEASE OBTAIN A SURVEY COMPLETED BY A LICENSED SURVEY COMPANY FOR ACTUAL DIMENSIONS
 THIS MAP IS FOR INFORMATIONAL PURPOSE ONLY AND IS NOT TO BE USED IN ANY WAY OTHER THAN TO IDENTIFY AREAS NOTED AS OPEN OR GREEN SPACE WITHIN THE LIMITS OF THE INCORPORATED VILLAGE OF GARDEN CITY
 FOR ADDITIONAL INFORMATION, CONTACT THE VILLAGE OF GARDEN CITY'S DEPARTMENT OF PUBLIC WORKS

EXHIBIT B – PARK INVESTMENT TIMELINE

Park Investment Timeline	16/17		17/18		18/19		19/20		20/21	
	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital
Community Park										
Fields										
Community #4		\$1,887,389*								
Community #3										
Community #2						\$558,082				
Community #1										
Underdrain System			\$25,000							
Community Park Soccer Turf Field				\$1,946,717						
Playground										
Play Apparatus						\$100,000				
Safety Surfacing						\$80,000				
St. Paul's										
Field										
Track Removal		\$134,000								
Building										
Comfort Station		\$20,000								
Cluett Hall & Fieldhouse Renovation		\$275,000								
Admin Carpet Replacement	\$9,400									

*beginning in 15/16 and continuing to 16/17

Park Investment Timeline	16/17		17/18		18/19		19/20		20/21	
	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital
Nassau Haven										
Field										
Nassau Haven										
Turf Renovations	\$7,500									
Irrigation		\$30,000								
Fencing	\$7,000									
Nassau Haven Soccer										
Turf Renovations	Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Irrigation		\$40,000								
Nassau Haven Grass	Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Turf Renovations										
Building										
Interior					\$15,000					
Exterior									\$11,500	
Heating Plants									\$5,000	
Stewart Field										
Fields										
Stewart Fenced										
Turf Renovations	\$7,500									
Irrigation		\$25,000								
Fencing	\$7,000									
Stewart #1										
Turf Renovations			\$7,500							
Irrigation		\$30,000								
Fencing			\$7,000							
Stewart #2										
Turf Renovations			\$7,500							
Irrigation		\$30,000								
Fencing			\$7,000							
Stewart T-Ball	Stand. Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Stewart Field										
Turf Renovations	Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Irrigation		\$40,000								

Park Investment Timeline	16/17		17/18		18/19		19/20		20/21	
	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital
Hemlock Park										
Field										
Turf Renovations			\$7,500							
Irrigation		\$30,000								
Fencing			\$7,000							
Building										
Interior			\$15,000							
Exterior					\$11,500					
Heating Plants					\$5,000					
Edgemere Park										
Field										
Turf Renovations	\$7,500									
Irrigation		\$30,000								
Fencing	\$7,000									
Grass	Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Building										
Interior			\$15,000							
Exterior			\$11,000							
Heating Plants			\$5,000							

Park Investment Timeline	16/17		17/18		18/19		19/20		20/21	
	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital
Grove Park										
Fields										
Grove Field										
Turf Renovations	\$7,500									
Irrigation		\$30,000								
Fencing	\$7,000									
Grass	Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Grove Soccer										
Turf Renovations	Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.		Standard Maint.	
Irrigation		\$40,000								
Building										
Interior			\$15,000							
Exterior	\$11,500									
Heating Plants	\$5,000									
Playground										
Play Apparatus		\$113,000								
Safety Surfacing		\$123,000								
Tullamore Park										
Field										
Turf Renovations			\$7,500							
Irrigation		\$30,000								
Fencing			\$7,000							
Building										
Interior					\$15,000					
Exterior							\$11,500			
Heating Plants							\$5,000			
Playground										
Shade Structure				\$20,000						
Irrigation Design		\$25,000								

Park Investment Timeline	16/17		17/18		18/19		19/20		20/21	
	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital	Operations	Capital
Total Irrigation Cost		\$380,000								

Cumulative Operations	\$113,900		\$257,900		\$304,400		\$320,900		\$337,400	
Cumulative Capital		\$2,932,389		\$4,866,106		\$5,637,188		\$5,637,188		\$5,637,188

Annual Totals	\$113,900	\$2,932,389	\$144,000	\$1,966,717	\$46,500	\$738,082	\$16,500	\$0	\$16,500	\$0
Cumulative 5 year Total	\$113,900	\$3,046,289	\$3,190,289	\$5,157,066	\$5,203,506	\$5,941,588	\$5,958,088	\$5,958,088	\$5,974,588	\$5,974,588

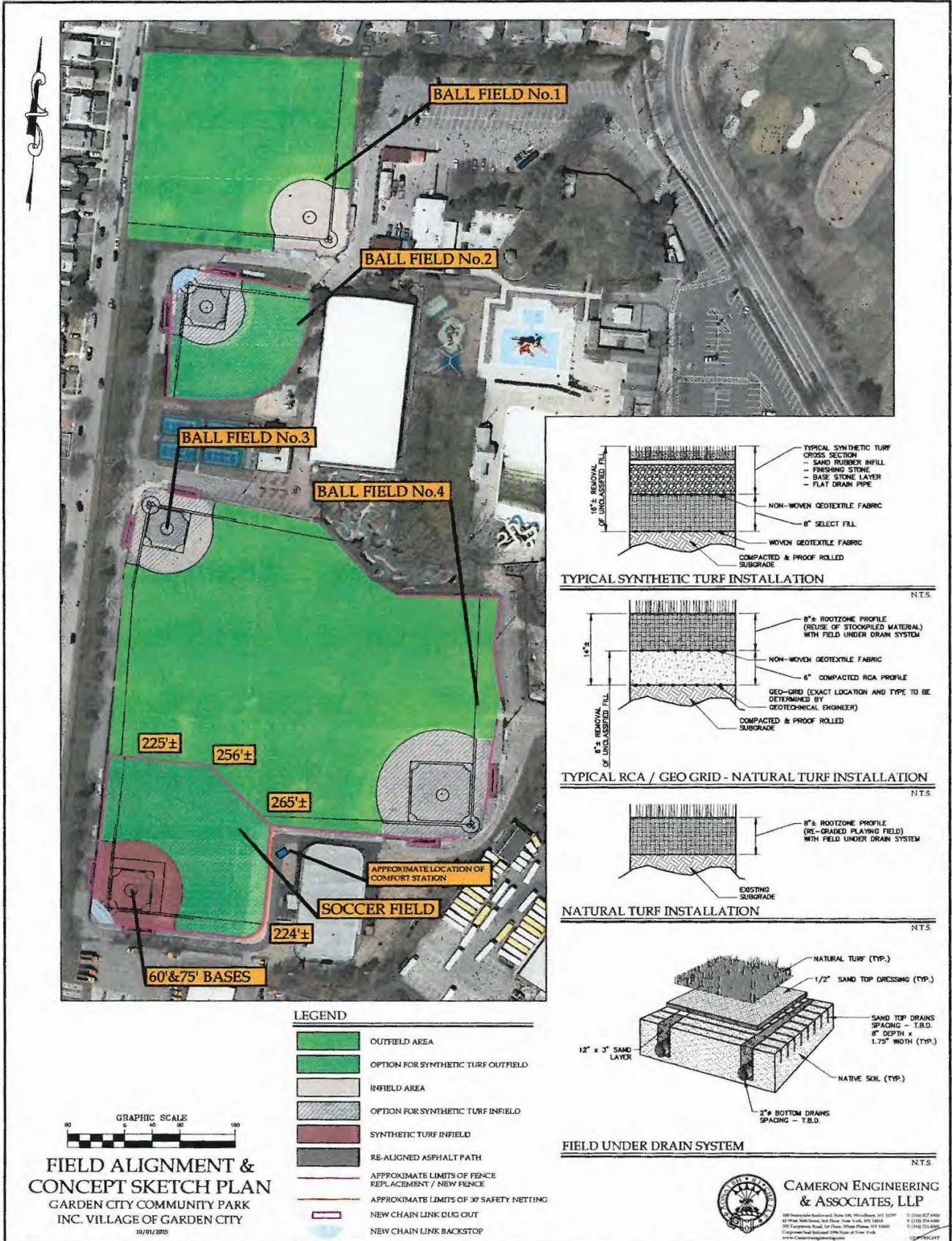
EXHIBIT C – PROGRAM LIST

INVENTORY OF PROGRAMS
Garden City Recreation and Parks - Programs for 2014-15

Type	# of weeks offered	Attendance
School Youth School Year		
Dance	22	402
Tennis	26	528
Hockey	21	387
Yoga	20	29
US Sports	12*	324
Bricks 4 Kidz	12	29
Mad Science	12	18
Swim	10	150
PW Sports	18	33
After School Program	27	250
Flag Football	as needed	300
Holiday Gym	7	250
Totals		2700
Summer Camps		
Baseball	2	71
Basketball	2	90
Computer	1	7
Softball	1	10
Lacrosse	1	52
Bricks 4 Kidz	2	52
Berlitz	1	10
Mad Science	6	88
Incrediflix	4	61
US Sports	27	1236
Tennis	40	305
Yoga	1	20
PW Sports	2	24
Preschool	5	71
Nature	3	30
Totals	98	2127

*plus 4 holiday mini camps

Type	# of weeks offered	Attendance
Adult Programs		
Dance	20	59
Tennis	34	51
Hockey	16	53
Yoga	46	47
Field House Programs	40	4800
Art	25	70
Saturday Basketball	9	150
Paddle Lessons	10	18
Tennis Leagues	25	101
Softball Leagues	as needed	860
Totals		6209
Senior Programs		
Zumba	20	31
Luncheons	4	500
Trips	10	560
Exercise (Felicia)	52	5635
Exercise (Joy)	30	39
Computer Class	6	45
Totals		6810
Special Events		
Easter Hunt	1	1500
Gazebo Concerts	6	1200
Winter Family Shows/Movies	4	300
Rec. Nights	3	120
Totals		3120
Total Participants		20,966



**Garden City Community Park
Project Options & Costs Summary**

Project Cost Budget Estimate

Inc. Village of Garden City
CE2556A

Cameron Engineering &
Associates, LLP
November 5, 2015

Field Identification, Field Option & Project Description		Total Project Costs Budget
Fields #3 & #4:		
Option A	Natural Turf / Clay Infields & Natural Turf Outfields	\$ 1,355,244
Option B	Natural Turf / Clay Infields & Natural Turf Outfields with 6" RCA & Geogrid Profile	\$ 2,631,268
Option C	Synthetic Turf Infields & Natural Turf Outfields	\$ 1,887,389
Option D	Synthetic Turf Infields & Natural Turf Outfields with 6" RCA & Geogrid Profile	\$ 2,915,659
Option E	Natural Turf / Clay Infield & Natural Turf Outfield - Field #3 Synthetic Turf Infield & Natural Turf Outfield - Field #4	\$ 1,701,482
Fields #2:		
Option A	Natural Turf / Clay Infield & Natural Turf Outfield	\$ 384,578
Option B	Synthetic Turf Infield & Natural Turf Outfield	\$ 558,082
Option C	Synthetic Turf Infield & Synthetic Turf Outfield	\$ 934,325
Fields #1:		
Option A	Clay Infield & Natural Turf Outfield	\$ 584,742
New Field: (Existing Soccer Field)		
Option A	Synthetic Turf Infield & Outfield with 60' & 75' Base Paths	\$ 1,497,132
Option B	Synthetic Turf Infield & Natural Turf Outfield with 60' & 75' Base Paths	\$ 1,258,924

**Garden City Community Park
Field #1 - Scope of Improvements -
Clay Infield & Natural Turf Outfield**

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$2,000	\$2,000
Erosion Control Measures	LS	1	\$3,000	\$3,000
Cut & Remove Existing Playing Surface	SY	8,400	\$0.50	\$4,200
Disposal of Unclassified Fill (Drywell Installation)**	CY	197	\$90.00	\$17,730
Select Removal & Replacement of Unsuitable Material ***	CY	400	\$125.00	\$50,000
Laser Grading of Field	SY	9,800	\$7.00	\$68,600
Clay Infield	LS	1	\$35,000	\$35,000
Sod Outfield	SY	8,600	\$8	\$68,800
Field Under Drain System	SY	9,800	\$11.25	\$110,250
Irrigation	AC/FT	2	\$15,000	\$30,000
Drainage - Piping	LF	600	\$30	\$18,000
Drainage - Drywells	EA	3	\$12,000	\$36,000
Field Equipment (Bases, Sleeves, etc.)	LS	1	\$2,500	\$2,500
Misc. Utility Work	LS	1	\$5,000	\$5,000
SUBTOTAL				\$451,080
15% - Contingency				\$67,662
Design/Bid/CA/CM/Enviormental/Survey				\$66,000
TOTAL PROJECT COST BUDGET				\$584,742

Scope Notes:

1. Laser grade entire field
2. New infield - clay
3. New outfield - natural turf
4. New irrigation
5. Keep back stop
6. Keep dugouts
7. Keep all fencing
8. New field under drain system
9. Provide 2" rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park
New Field 60' & 75' Base Paths Option B -
Synthetic Turf Infield & Natural Turf Outfield

Project Cost Budget Estimate
 Inc. Village of Garden City
 CE2556A

Cameron Engineering & Associates, LLP
 September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$20,000	\$20,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Disposal of Unclassified Fill (Drywell Installation)**	CY	130	\$90.00	\$11,700
Disposal of Unclassified Fill (Infield Construction - 16")**	CY	715	\$90.00	\$64,350
Select Removal & Replacement of Unsuitable Material ***	CY	330	\$125.00	\$41,250
Laser Grading of Field	SY	23,600	\$6.50	\$153,400
Synthetic Turf Infield (Full Section & Laser Grading)	LS	1	\$130,000	\$130,000
End Outfield	SY	4,700	\$8	\$37,600
Field Under Drain System	SY	4,700	\$11.25	\$52,875
Irrigation	AC/FT	1.0	\$15,000	\$15,000
Import and Place Select Fill (Infield Construction - 8")	CY	372	\$35.00	\$13,020
Geotextile	SF	57,000	\$1.00	\$57,000
Synthetic Turf Infield (Full Section & Laser Grading)	LS	1	\$130,000	\$130,000
Drainage - Piping	LF	800	\$30	\$24,000
Drainage - Drywells	EA	2	\$12,000	\$24,000
4' Chain Link Fence	LF	160	\$28	\$4,480
8' Chain Link Fence	LF	430	\$45	\$19,350
12' Chain Link Fence	LF	220	\$75	\$16,500
30' Safety Netting	LF	320	\$250	\$80,000
Chain Link Back Stop	EA	1	\$19,000	\$19,000
Chain Link Dugouts	EA	2	\$8,000	\$16,000
Field Equipment (Bases, Sleeves, etc.)	LS	1	\$2,500	\$2,500
Misc. Utility Work	LS	1	\$20,000	\$20,000
Relocated Asphalt Walk	SF	3,100	\$3	\$9,300
SUBTOTAL				\$997,325
15% - Contingency				\$149,599
Design/Bid/CA/CM/Environmental				\$112,000
TOTAL PROJECT COST BUDGET				\$1,258,924

Scope Notes:

1. Laser grade entire field
2. New infield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
3. New outfield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
4. New back stop
5. New dugouts
6. New fencing
7. 30' safety netting right field
8. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

*** - Item includes the legal disposal of unclassified fill and import of select fill

*** - Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Field #2 - Scope of Improvements Option A - Natural Turf / Clay Infield & Natural Turf Outfield

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$10,000	\$10,000
Erosion Control Measures	LS	1	\$3,000	\$3,000
Cut & Remove Existing Playing Surface	SY	3,700	\$0.50	\$1,850
Disposal of Unclassified Fill (Drywell Installation)**	CY	100	\$90.00	\$9,000
Select Removal & Replacement of Unsuitable Material***	CY	70	\$125.00	\$8,750
Laser Grading of Field	SY	3,700	\$7.00	\$25,900
Natural Turf / Clay Infield	LS	1	\$45,000	\$45,000
Sod Outfield	SY	3,700	\$8	\$29,600
Field Under Drain System	SY	3,700	\$11.25	\$41,625
Irrigation	AC/FT	0.8	\$23,000	\$17,250
Drainage - Piping	LF	300	\$30	\$9,000
Drainage - Drywells	EA	1.5	\$12,000	\$18,000
4' Chain Link Fence	LF	160	\$28	\$4,480
8' Chain Link Fence	LF	160	\$45	\$7,200
Chain Link Back Stop	EA	1	\$19,000	\$19,000
Chain Link Dugouts	EA	2	\$8,000	\$16,000
Field Equipment (Bases, Sleeves, etc.)	LS	1	\$2,500	\$2,500
Misc. Utility Work	LS	1	\$8,000	\$8,000
SUBTOTAL				\$276,155
15% - Contingency				\$41,423
Design/Bld/CA/CM/Environmental/Survey				\$67,000
TOTAL PROJECT COST BUDGET				\$384,578

Scope Notes:

1. Laser grade entire field
2. New infield - clay / natural turf
3. New outfield - natural turf
4. New irrigation
5. New back stop
6. New dugouts
7. New side line fencing
8. Keep outfield fence
9. New field under drain system
10. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Field #2 - Scope of Improvements Option B - Synthetic Turf Infield & Natural Turf Outfield

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$10,000	\$10,000
Erosion Control Measures	LS	1	\$3,000	\$3,000
Cut & Remove Existing Playing Surface	SY	3,700	\$0.50	\$1,850
Disposal of Unclassified Fill (Drywell Installation)**	CY	100	\$90.00	\$9,000
Disposal of Unclassified Fill (Infield Construction - 16")**	CY	540	\$90.00	\$48,600
Select Removal & Replacement of Unsuitable Material ***	CY	70	\$125.00	\$8,750
Import and Place Select Fill (Infield Construction - 8")	CY	280	\$35.00	\$9,800
Geotextile	SF	11,000	\$0.75	\$8,250
Laser Grading of Outfield	SY	3,700	\$7.00	\$25,900
Synthetic Turf Infield (Full Section & Laser Grading)	LS	1	\$130,000	\$130,000
Sod Outfield	SY	2,600	\$8	\$20,800
Field Under Drain System	SY	2,600	\$11.25	\$29,250
Irrigation	AC/FT	0.5	\$23,000	\$11,500
Drainage - Piping	LF	360	\$30	\$10,800
Drainage - Drywells	EA	1.5	\$12,000	\$18,000
4' Chain Link Fence	LF	160	\$28	\$4,480
8' Chain Link Fence	LF	160	\$45	\$7,200
New Chain Link Back Stop	EA	1	\$19,000	\$19,000
New Chain Link Dugouts	EA	2	\$8,000	\$16,000
Field Equipment (Bases, Sleeves, etc.)	LS	1	\$2,500	\$2,500
Misc. Utility Work	LS	1	\$8,000	\$8,000
SUBTOTAL				\$402,680
15% - Contingency				\$60,402
Design/Bid/CA/CM/Enviormental/Survey				\$95,000
TOTAL PROJECT COST BUDGET				\$558,082

Scope Notes:

1. Laser grade entire field
2. New infield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
3. New outfield - natural turf
4. New irrigation
5. New back stop
6. New dugouts
7. New side line fencing
8. Keep outfield fence
9. New field under drain system (outfield)
10. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

*** - Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Field #2 - Scope of Improvements Option C - Synthetic Turf Infield & Outfield

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$12,000	\$12,000
Erosion Control Measures	LS	1	\$3,000	\$3,000
Cut & Remove Existing Playing Surface	SY	3,700	\$0.50	\$1,850
Disposal of Unclassified Fill (Drywell Installation)**	CY	100	\$90.00	\$9,000
Disposal of Unclassified Fill (Field Construction - 16'')**	CY	1,650	\$90.00	\$148,500
Select Removal & Replacement of Unsuitable Material***	CY	70	\$125.00	\$8,750
Import and Place Select Fill (Field Construction - 8'')	CY	650	\$35.00	\$22,750
Geotextile	SF	33,000	\$1.00	\$33,000
Synthetic Turf Infield (Full Section & Laser Grading)	LS	1	\$130,000	\$130,000
Synthetic Turf Outfield (Full Section & Laser Grading)	SF	22,200	\$8	\$177,600
Drainage - Piping	LF	300	\$30	\$9,000
Drainage - Drywells	EA	3	\$12,000	\$36,000
4' Chain Link Fence	LF	160	\$28	\$4,480
8' Chain Link Fence	LF	160	\$45	\$7,200
12' Chain Link Fence	LF	320	\$75	\$24,000
Chain Link Back Stop	EA	1	\$19,000	\$19,000
Chain Link Dugouts	EA	2	\$8,000	\$16,000
Field Equipment (Bases, Sleeves, etc.)	LS	1	\$2,500	\$2,500
Misc. Utility Work	LS	1	\$10,000	\$10,000
SUBTOTAL				\$704,630
15% - Contingency				\$105,695
Design/Bid/CA/CM/Environmental/Survey				\$124,000
TOTAL PROJECT COST BUDGET				\$934,325

Scope Notes:

1. Laser grade entire field
2. New infield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
3. New outfield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
5. New back stop
6. New dugouts
7. New side line fencing
8. New outfield fence
9. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Fields #3&4 - Scope of Improvements Option A - Natural Turf / Clay Infield & Natural Turf Outfield

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$15,000	\$15,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Cut & Remove Existing Playing Surface	SY	23,600	\$0.50	\$11,800
Disposal of Unclassified Fill (Drywell Installation)**	CY	330	\$90.00	\$29,700
Select Removal & Replacement of Unsuitable Material ***	CY	750	\$125.00	\$93,750
Laser Grading of Field	SY	23,600	\$6.50	\$153,400
Natural Turf / Clay Infield - Baseball	LS	1	\$50,000	\$50,000
Natural Turf / Clay Infield - Little League	LS	1	\$40,000	\$40,000
Sod Outfield	SY	20,000	\$7	\$140,000
Field Under Drain System	SY	23,600	\$11.25	\$265,500
Irrigation	AC/FT	5.0	\$12,500	\$62,500
Drainage - Piping	LF	1,600	\$30	\$48,000
Drainage - Drywells	EA	8.0	\$12,000	\$96,000
4' Chain Link Fence	LF	320	\$28	\$8,960
8' Chain Link Fence	LF	260	\$45	\$11,700
12' Chain Link Fence	LF	70	\$75	\$5,250
Chain Link Dugouts	EA	4	\$8,000	\$32,000
Field Equipment (Bases, Sleeves, etc.)	LS	2	\$2,500	\$5,000
Misc. Utility Work	LS	1	\$10,000	\$10,000
SUBTOTAL				\$1,084,560
15% - Contingency				\$162,684
Design/Bid/CA/CM/Environmental				\$108,000
TOTAL PROJECT COST BUDGET				\$1,355,244

Scope Notes:

1. Laser grade entire field
2. New infields - clay / natural turf
3. New outfield - natural turf
4. New irrigation
5. New dugouts
6. Replace portions of field fence
7. New field under drain system
8. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

**Garden City Community Park
Fields #3&4 - Scope of Improvements Option B -
Natural Turf / Clay Infield & Natural Turf Outfield with 6" RCA & Geogrid
Profile**

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$15,000	\$15,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Cut & Remove Existing Playing Surface	SY	23,600	\$0.50	\$11,800
Strip, Store and Place 8" of Top Soil	CY	4,400	\$15.00	\$66,000
Disposal of Unclassified Fill (Drywell Installation)**	CY	330	\$90.00	\$29,700
Disposal of Unclassified Fill (Field Construction - 6")**	CY	4,000	\$90.00	\$360,000
Select Removal & Replacement of Unsuitable Material***	CY	750	\$125.00	\$93,750
Geotextile	SF	212,700	\$0.75	\$159,525
Geogrid	SF	212,700	\$1.00	\$212,700
Import and Place 6" RCA	CY	4,000	\$35.00	\$140,000
Laser Grading of Outfield	SY	23,600	\$6.50	\$153,400
Natural Turf / Clay Infield - Baseball	LS	1	\$50,000	\$50,000
Natural Turf / Clay Infield - Little League	LS	1	\$40,000	\$40,000
Sod Outfield	SY	20,000	\$8	\$160,000
Field Under Drain System	SY	23,600	\$13.50	\$318,600
Irrigation	AC/FT	5.0	\$12,500	\$62,500
Drainage - Piping	LF	1,600	\$30	\$48,000
Drainage - Drywells	EA	80	\$12,000	\$96,000
4' Chain Link Fence	LF	320	\$28	\$8,960
8' Chain Link Fence	LF	260	\$45	\$11,700
12' Chain Link Fence	LF	70	\$75	\$5,250
Chain Link Dugouts	EA	4	\$8,000	\$32,000
Field Equipment (Bases, Sleeves, etc.)	LS	2	\$2,500	\$5,000
Misc. Utility Work	LS	1	\$10,000	\$10,000
SUBTOTAL				\$2,095,885
15% - Contingency				\$314,383
Design/Bid/CA/CM/Environmental				\$221,000
TOTAL PROJECT COST BUDGET				\$2,631,268

Scope Notes:

1. Laser grade entire field
2. New infields - clay / natural turf
3. New outfield - natural turf
4. New irrigation
5. New dugouts
6. Replace portions of field fence
7. New field under drain system
8. Provide 2" Rainfall storage
9. RCA & geogrid profile

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Fields #3&4 - Scope of Improvements Option C - Synthetic Turf Infield & Natural Turf Outfield

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2016

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$15,000	\$15,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Cut & Remove Existing Turf	SY	23,600	\$0.50	\$11,800
Disposal of Unclassified Fill (Drywell Installation)**	CY	330	\$90.00	\$29,700
Disposal of Unclassified Fill (Infield Construction - 16")***	CY	1,800	\$90.00	\$162,000
Select Removal & Replacement of Unsuitable Material***	CY	750	\$125.00	\$93,750
Import and Place Select Fill (Infield Construction - 8")	CY	870	\$35.00	\$30,450
Geotextile	SF	35,000	\$0.75	\$26,250
Laser Grading of Outfield	SY	20,000	\$7.50	\$150,000
Synthetic Turf Infield (Full Section & Laser Grading) Baseball	LS	1	\$200,000	\$200,000
Synthetic Turf Infield (Full Section & Laser Grading) Little League	LS	1	\$130,000	\$130,000
Sod Outfield	SY	20,000	\$7.5	\$150,000
Field Under Drain System	SY	20,000	\$11.25	\$225,000
Irrigation	AC/FT	4.0	\$12,500	\$50,000
Drainage - Piping	LF	1,600	\$30	\$48,000
Drainage - Drywells	EA	8.0	\$12,000	\$96,000
4' Chain Link Fence	LF	320	\$28	\$8,960
8' Chain Link Fence	LF	260	\$45	\$11,700
12' Chain Link Fence	LF	70	\$75	\$5,250
Chain Link Dugouts	EA	4	\$8,000	\$32,000
Field Equipment (Bases, Sleeves, etc.)	LS	2	\$2,500	\$5,000
Misc. Utility Work	LS	1	\$10,000	\$10,000
SUBTOTAL				\$1,496,860
15% - Contingency				\$224,529
Design/Bid/CA/CM/Environmental				\$166,000
TOTAL PROJECT COST BUDGET				\$1,887,389

Scope Notes:

1. Laser grade entire field
2. New infields - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
3. New outfield - natural turf
4. New irrigation - outfield
5. New dugouts
6. Replace portions of field fence
7. New field undertrain system
8. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Fields #3&4 - Scope of Improvements Option D - Synthetic Turf Infield & Natural Turf Outfield with 6" RCA & Geogrid Profile

Project Cost Budget Estimate
Inc. Village of Garden City
CE2666A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$15,000	\$15,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Cut & Remove Existing Turf	SY	23,600	\$0.50	\$11,800
Strip, Store and Place 8" of Top Soil	CY	4,400	\$15.00	\$66,000
Disposal of Unclassified Fill (Outfield Construction - 6")**	CY	3,300	\$90.00	\$297,000
Disposal of Unclassified Fill (Infield Construction - 16")**	CY	1,800	\$90.00	\$162,000
Disposal of Unclassified Fill (Driveway Installation)**	CY	330	\$90.00	\$29,700
Select Removal & Replacement of Unsuitable Material***	CY	750	\$125.00	\$93,750
Geotextile	SF	178,000	\$0.75	\$133,500
Geogrid	SF	178,000	\$1.00	\$178,000
Import and Place RCA (Outfield Construction - 6")	CY	3,300	\$35	\$115,500
Import and Place Select Fill (infield Construction - 8")	CY	900	\$35	\$31,500
Laser Grading of Outfield	SY	20,000	\$7.00	\$140,000
Synthetic Turf Infield (Full Section & Laser Grading) Baseball	LS	1	\$200,000	\$200,000
Synthetic Turf Infield (Full Section & Laser Grading) Little League	LS	1	\$130,000	\$130,000
Sod Outfield	SY	20,000	\$8	\$160,000
Field Under Drain System	SY	20,000	\$13.50	\$270,000
Irrigation	AC/FT	4.0	\$12,500	\$50,000
Drainage - Piping	LF	1,600	\$30	\$48,000
Drainage - Drywells	EA	8.0	\$12,000	\$96,000
4' Chain Link Fence	LF	320	\$28	\$8,960
8' Chain Link Fence	LF	260	\$45	\$11,700
12' Chain Link Fence	LF	70	\$75	\$5,250
Chain Link Dogouts	EA	4	\$8,000	\$32,000
Field Equipment (Bases, Sleeves, etc.)	LS	2	\$2,500	\$5,000
Misc. Utility Work	LS	1	\$10,000	\$10,000
SUBTOTAL				\$2,306,660
15% - Contingency				\$345,999
Design/Bid/CA/CN/Environmental				\$263,000
TOTAL PROJECT COST BUDGET				\$2,915,659

Scope Notes:

1. Laser grade entire field
2. New infields - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
3. New outfield - natural turf
4. New outfield irrigation
5. New dogouts
6. Replace portions of field fence
7. New field under drain system
8. Provide 2" Rainfall storage
9. RCA & geogrid profile

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

Fields #3&4 - Scope of Improvements Option E - Natural Turf / Clay Infield & Natural Turf Outfield - Field #3 Synthetic Turf Infield & Natural Turf Outfield - Field #4

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
October 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$15,000	\$15,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Cut & Remove Existing Turf	SY	23,600	\$0.50	\$11,800
Disposal of Unclassified Fill (Drywell Installation)**	CY	330	\$90.00	\$29,700
Disposal of Unclassified Fill (Infield Construction - 16")***	CY	1,195	\$90.00	\$107,550
Select Removal & Replacement of Unsuitable Material***	CY	750	\$125.00	\$93,750
Import and Place Select Fill (Infield Construction - 8")	CY	565	\$35.00	\$19,775
Geotextile	SF	22,680	\$0.75	\$17,010
Laser Grading of Outfield	SY	20,000	\$7.50	\$150,000
Natural Turf / Clay Infield - (Field #3)	LS	1	\$40,000	\$40,000
Synthetic Turf Infield (Full Section & Laser Grading) (Field #4)	LS	1	\$200,000	\$200,000
Sod Outfield	SY	20,000	\$7.5	\$150,000
Field Under Drain System	SY	21,400	\$11.25	\$240,750
Irrigation	AC/FT	4.0	\$12,500	\$50,000
Drainage - Piping	LF	1,600	\$30	\$48,000
Drainage - Drywells	EA	8.0	\$12,000	\$96,000
4' Chain Link Fence	LF	320	\$28	\$8,960
8' Chain Link Fence	LF	260	\$45	\$11,700
12' Chain Link Fence	LF	70	\$75	\$5,250
Chain Link Dugouts	EA	4	\$8,000	\$32,000
Field Equipment (Bases, Sleeves, etc.)	LS	2	\$2,500	\$5,000
Misc. Utility Work	LS	1	\$10,000	\$10,000
SUBTOTAL				\$1,348,245
15% - Contingency				\$202,237
Design/Bid/CA/CM/Environmental				\$151,000
TOTAL PROJECT COST BUDGET				\$1,701,482

Scope Notes:

1. Laser grade entire field
2. New infield - clay / natural turf (Field #3)
3. New infield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile (Field #4)
4. New outfield - natural turf
5. New irrigation - outfield
6. New dugouts
7. Replace portions of field fence
8. New field under drain system
9. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill

Garden City Community Park

New Field 60' & 75' Base Paths Option A - Synthetic Turf Infield & Outfield

Project Cost Budget Estimate
Inc. Village of Garden City
CE2556A

Cameron Engineering & Associates, LLP
September 28, 2015

Item	Unit	Quantity	Engineer's Budget Estimate	
			Unit Cost (Labor & Material)	Total
Mobilization & Demolition / Removals	LS	1	\$20,000	\$20,000
Erosion Control Measures	LS	1	\$6,000	\$6,000
Disposal of Unclassified Fill (Drywell Installation)**	CY	130	\$90.00	\$11,700
Disposal of Unclassified Fill (Field Construction - 16")**	CY	2,800	\$90.00	\$252,000
Select Removal & Replacement of Unsuitable Material***	CY	330	\$125.00	\$41,250
Import and Place Select Fill (Field Construction - 8")	CY	1,400	\$35.00	\$49,000
Geotextile	SF	57,000	\$1.00	\$57,000
Synthetic Turf Infield (Full Section & Laser Grading)	LS	1	\$130,000	\$130,000
Synthetic Turf Outfield (Full Section & Laser Grading)	SF	42,200	\$8	\$337,600
Drainage - Piping	LF	800	\$30	\$24,000
Drainage - Drywells	EA	2	\$12,000	\$24,000
4' Chain Link Fence	LF	160	\$28	\$4,480
8' Chain Link Fence	LF	430	\$45	\$19,350
12' Chain Link Fence	LF	220	\$75	\$16,500
30' Safety Netting	LF	320	\$250	\$80,000
Chain Link Back Stop	EA	1	\$19,000	\$19,000
Chain Link Dugouts	EA	2	\$8,000	\$16,000
Field Equipment (Bases, Sleeves, etc.)	LS	1	\$2,500	\$2,500
Misc. Utility Work	LS	1	\$20,000	\$20,000
Relocated Asphalt Walk	SF	3,100	\$3	\$9,300
SUBTOTAL				\$1,169,680
15% - Contingency				\$175,452
Design/Bid/CA/CM/Environmental				\$152,000
TOTAL PROJECT COST BUDGET				\$1,497,132

Scope Notes:

1. Laser grade entire field
2. New infield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
3. New outfield - synthetic turf / 16" overcut & 8" Select fill Layer with Geotextile
4. New back stop
5. New dugouts
6. New fencing
7. 30' safety netting right field
8. Provide 2" Rainfall storage

General Notes:

1. Project Cost Budget Estimates are based on a Conceptual Sketch Plan analysis and are subject to change based upon further engineering design and analysis
2. Unit Costs include Overhead & Profit, Bonding and Insurance.
3. Cost are based on 2016 construction implementation. Implementation beyond 2016 is subject to potential cost escalation

** - Legal disposal of unclassified fill is calculated at \$90 a CY. Cost could vary between \$70 - \$110 a CY subject to NYSDEC 6NYCRR part 365 & NYSDEC CP-51

***- Item includes the legal disposal of unclassified fill and import of select fill