TOWN OF HOLLAND
TOWN PARK MASTER PLAN
SUMMARY REPORT

PREPARED FOR:

TOWN OF HOLLAND
47 PEARL STREET
HOLLAND, NEW YORK 14080

PREPARED BY:

PRATT & HUTH ASSOCIATES
60 EARHART DRIVE
WILLIAMSVILLE, NEW YORK 14221

JOB NO. 94040  OCTOBER 10, 1994
TABLE OF CONTENTS

I. EXECUTIVE SUMMARY..........................PAGE i
II. INTRODUCTION..............................PAGE 1
III. PERTINENT SITE INFORMATION..............PAGE 1
IV. SUB-PROJECT IDENTIFICATION...............PAGE 2
V. COST ESTIMATES............................PAGE 3
VI. CONCLUSIONS...............................PAGE 5
VII. RECOMMENDATIONS..........................PAGE 6
I. EXECUTIVE SUMMARY

As the result of the acquisition of a 16± acre parcel of land, located on Legion Drive, the Town of Holland has proposed to develop a Town Park Facility. In order to complete the planning process and position the Town to be able to take advantage of grant opportunities, Pratt & Huth Associates were engaged to develop a master plan and cost estimates for various sub projects included in the plan.

After field investigation of site constraints and consideration of potential items to be incorporated in the park design, a master plan has been developed and agreed upon by the Town of Holland Planning Committee.

The Master Plan for the park provides the following:

1. A multi-purpose exercise track
2. Playground areas
3. An entertainment area
4. A softball field
5. A combination football/soccer field
6. A picnic area
7. Paved parking areas
8. Roadway construction

This report summarizes the outcome of the site analysis, the breakdown of the plan into sub-projects, and presents recommendations for the development of this parcel.
The best possible layout incorporating as many
sustainability for some activities. The Master Plan has
area has placed certain constraints which includes steep slopes.

4. The existing land formation which includes steep slopes.

procedures to the town.

opposition to the project. Once we have received the
request, we have submitted a request to the New York
Department of Parks, Recreation and Historic
Recourses. As per the New York State Archeological
Society's Map (dated 7/92), the project may be considered to be

3. As per the U.S. Department of Agriculture, Soil
Conservation Service's Soil Survey Map, HYPAD and
Hydrologic soils are found along the east
branch of Casenovia Creek, which includes the possible
impact of wetland areas. This may impact the area,

2. As per the U.S. Department of Agriculture, Soil
Conservation Service's Soil Survey Map, HYPAD and
Hydrologic soils are found along the east
branch of Casenovia Creek, which includes the possible

1. As per the U.S. Department of Housing and Urban
Development, floodplain exists along the east branch of Casenovia
Development, floodplain exists along the east branch of Casenovia

The following constraints include the following:

existing site constraints which are limiting to the

III. PERMISSIBLE SITE INFORMATION

exceeds. For use by the community.

The main body of this report summarizes the various site

II. INTRODUCTION

features for use by the community.

Town Park which will include a number of recreational
features for use by the community.

II. INTRODUCTION

The parcel of land acquired by the Town of Holland in

features for use by the community.

In order to develop this land into a

features for use by the community.

The parcel of land acquired by the Town of Holland in

features for use by the community.

In order to develop this land into a

features for use by the community.

The parcel of land acquired by the Town of Holland in

features for use by the community.
and roadway construction materials.

Sub-Project 5 includes the construction of paved parking

Sub-Project 5

funging, and a gravel surface for the parking area.

Sub-Project 4 is a slow-pitch softball field, and a gravel

Sub-Project 4

services.

Sub-Project 3 consists of a 12,000 sq. ft. fence in

Sub-Project 3

equestrian. exchanging, woodchip ground cover, lighting, and playground

Sub-Project 2 includes a 9,000 sq. ft. fenced in playfield

Sub-Project 2

exercise stations with equipment.

Sub-Project 1 includes a 1,500 sq. ft. 7 ft wide stone surfaced,

Sub-Project 1

projects. They are detailed as follows:

Master Plan has been divided into six different sub-

After discussion with Town Representative, Communication Teams
Sub-Project 6 includes a multipurpose athletic field for soccer and football and a picnic area with a small playground incorporating private, three picnic shelters, picnic tables, timber posts, two aluminum three row bleacher structures, and two player benches.

V. SUMMARY OF COSTS

A. Sub-Project 1 - Multipurpose Exercise Trail
   The following costs will be incurred for the construction of this sub-project.

   1. Exercise Equipment and Installation .......................... $6,868.00
   2. Informational Signs ................................................ $1,000.00
   3. Clearing and grubbing operations .............................. $1,730.00
   4. Grading operations .................................................. $1,825.00
   5. Stone Placement Operations ................................. $3,600.00
   6. Pedestrian Bridge Installation .............................. $15,000.00

   SUB-PROJECT TOTAL .................................................. $30,023.00

B. Sub-Project 2 - Playground Area
   The following costs will be incurred for the construction of this sub-project.

   1. Playground Equipment & Installation ......................... $16,185.00
   2. Stripping Operations ............................................... $3,590.00
   3. Geotextile Fabric .................................................. $1,077.00
   4. Stone Placement Operations ................................. $9,640.00
   5. Mulch Placement Operations ................................. $6,000.00
   6. Fence Installation ................................................. $3,000.00
   7. Lighting & Installation ........................................ $41,562.00

   SUB-PROJECT TOTAL .................................................. $41,562.00

*All prices include material and labor costs.
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Roadway Construction</td>
<td>$315,740.00</td>
</tr>
<tr>
<td>2.</td>
<td>Parking Area Construction</td>
<td>$243,660.00</td>
</tr>
<tr>
<td>3.</td>
<td>60&quot; CIP Placement</td>
<td>$9,900.00</td>
</tr>
<tr>
<td>4.</td>
<td>Landscape Placement</td>
<td>$4,600.00</td>
</tr>
<tr>
<td>5.</td>
<td>Lighting Installation</td>
<td>$18,000.00</td>
</tr>
<tr>
<td>6.</td>
<td>Gravel Turf and Construction</td>
<td>$33,190.00</td>
</tr>
</tbody>
</table>

The following costs will be incurred for the construction of this sub-project.

**B. Sub-Project 5 - Parking Area and Roadway Construction**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Fence Installation</td>
<td>$2,940.00</td>
</tr>
<tr>
<td>2.</td>
<td>Equipment &amp; Installation</td>
<td>$4,562.00</td>
</tr>
<tr>
<td>3.</td>
<td>Grading Operating</td>
<td>$2,875.00</td>
</tr>
<tr>
<td>4.</td>
<td>Tossl Property Placement</td>
<td>$316,560.00</td>
</tr>
<tr>
<td>5.</td>
<td>Landscape Restoration</td>
<td>$8,200.00</td>
</tr>
<tr>
<td>6.</td>
<td>Stone Placement Operations</td>
<td>$1,252.00</td>
</tr>
<tr>
<td>7.</td>
<td>Lighting and Installation</td>
<td>$214,944.00</td>
</tr>
</tbody>
</table>

The following costs will be incurred for the construction of this sub-project.

**C. Sub-Project 4 - Softball Field**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Cagedo Structure and Construction</td>
<td>$311,510.00</td>
</tr>
<tr>
<td>2.</td>
<td>Fence Installation</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>3.</td>
<td>Lighting &amp; Electrical Services</td>
<td>$4,898.00</td>
</tr>
<tr>
<td>4.</td>
<td>Concrete Pad/Excavation, Sub-Base</td>
<td>$1,199.00</td>
</tr>
</tbody>
</table>

The following costs will be incurred for the construction of this sub-project.

**D. Sub-Project 3 - Entertainment Area**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Concrete Pad/Excavation, Sub-Base</td>
<td>$1,199.00</td>
</tr>
<tr>
<td>3.</td>
<td>Lighting &amp; Electrical Services</td>
<td>$4,898.00</td>
</tr>
<tr>
<td>2.</td>
<td>Fence Installation</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>1.</td>
<td>Cagedo Structure and Construction</td>
<td>$311,510.00</td>
</tr>
</tbody>
</table>
work in these areas. Concerns should be addressed prior to proceeding with sub-project no. 6 more than the other areas. These concerns include potential impacts on the beach and other environmental concerns. The potential for impacts associated with wetlands’ access to project no. 6 the multi-purpose sports field applications.

The above cost estimates for each sub-project were developed using typical costs for municipal construction projects. The Town Highway Department is capable of constructing the roadway on the property using its personnel and equipment. The Town Department would have the capability of handling the project.

Funding sources:

A. The above described sub-projects are deeded to the local share in the future grant for construction costs.

VI. CONCLUSIONS

All projects include materials, cost, and labor:

<table>
<thead>
<tr>
<th>Sub-Project</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Parking Lot</td>
<td>$84,881.00</td>
</tr>
<tr>
<td>2. Picnic Tables</td>
<td>$17,465.00</td>
</tr>
<tr>
<td>3. Playground Equipment and Installation</td>
<td>$4,722.00</td>
</tr>
<tr>
<td>4. Equipment and Installation</td>
<td>$3,860.00</td>
</tr>
<tr>
<td>5. Grading Operations</td>
<td>$2,085.00</td>
</tr>
<tr>
<td>6. Topsoil Placement and Operations</td>
<td>$340.00</td>
</tr>
<tr>
<td>7. Landscape Restoration</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>8. Clearing and Grubbing</td>
<td>$714.00</td>
</tr>
<tr>
<td>9. Site Development and Planning</td>
<td>$6,400.00</td>
</tr>
<tr>
<td>10. Lighting Installation</td>
<td>$14,914.00</td>
</tr>
</tbody>
</table>

The following costs will be incurred for the construction of this sub-project.
A. The Town should consider the various sub-projects and develop a schedule of priorities based on the needs and desires of the community as well as cost and potential environmental constraints.

B. Once the decision on cultural resources has been received and a determination is made regarding the extent of investigations required, the Town should proceed with the additional studies needed to address potential environmental constraints.

C. In conjunction with the assigning of priorities and consideration of grant applications, a determination should be made as to what portions of the work can be completed by Town forces or community groups. This may enhance the chances of being awarded a grant.