

**Engineers
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2012 EVALUATION OF RECREATIONAL PARKS/PLAYGROUNDS

FOR
SAFETY INSPECTION – ADA COMPLIANCE

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APRIL 2012

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**Engineering
For Tomorrow's
Challenges**

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CLOSING STATEMENT

INTRODUCTION

The purpose of this report is to evaluate the recreational parks and playgrounds pertaining to ADA requirements and National Playground Safety Institute Standards for the Borough of Tenafly, Bergen County, New Jersey.

The Borough has a variety of active and passive recreational facilities throughout the community which offer a diverse selection of year-round activities for the residents. Water features, historical sculptures and circuitous trails all provide a unique recreational experience within the community for a variety of age groups.

The focus of this report is to identify specific repairs for each facility and offer modifications that will improve the current facility, address and identify hazards contained in and around each recreational facility, and locate non-compliant standards pertaining to ASTM and ADA Standards, so that the entire community can enjoy safe recreational facilities.



Huyler Park is centrally located in the downtown area of Tenafly. It is a well-kept area containing historic monuments with parking along the western and northern edges. The park is a wonderful gathering space for community events, although not all areas of the park are ADA accessible. The bandstand does not comply with current ADA rules and regulations. This area does contain adequate space to make modifications to walkways and structures and become ADA accessible.

Google earth

feet
meters



HUYLER PARK

Huyler Park is a passive park which is primarily comprised of walkways beneath large mature tree canopies, it contains historic monuments, and expansive lawn areas. Due to its central location, and close proximity to the train station, pedestrian usage is always high. The park also contains a bandstand which blends architecturally well into its surroundings.

TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM

SOURCE: Playground Safety is No Accident

Site: HUYLER PARK

Completed By: G. DEBLASIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	1
2. Use Level: (high = 10; moderate = 5; low = 2)	10
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	10
Subtotal Use Factors	21

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	N/A
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	↓
3. Equipment: (moving = 6; static = 2; both = 6)	
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	
Subtotal Materials	

C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	4
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	0
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	4
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	0
Subtotal Environmental Factors	8

Site Total (100 points)	28
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

IMPORTANT: This information has been prepared to assist the District's attorney in defending potential litigation. Do not release to any person except a District official, PDRMA representative, or an investigating police officer.

TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: *Playground Safety is No Accident*

BACKGROUND INFORMATION

PG 1

5/18/2012

Name of Facility: Huyler Park

Play Area: N/A Date: MARCH 26, 2012

Eqpt Type: N/A Surface: PAVERS

Audited By: G. DE BLASIO Intended User Age: ADULT

GENERAL ENVIRONMENT

1. **Category of Playground:** *(circle all that apply)*

Community Park Neighborhood Park / Tot Lot Public School

2. **Equipment Inventory:** *(indicate the number of equipment pieces that exist)*

A. Composite Structures <u>N/A</u>	B. Free Standing Eqpt <u>N/A</u>	C. Site Amenities
stairways / steps _____	swings (to-fro) _____	benches <u>X</u>
rung ladders _____	tire swings _____	tables _____
rigid climbers _____	seesaws _____	fountains <u>X</u>
flexible climbers _____	slides _____	bike racks _____
decks / platforms _____	rigid climbers _____	signs <u>X</u>
play panels _____	flexible climbers _____	litter barrels <u>X</u>
talk tubes _____	upper body eqpt _____	fencing _____
slides _____	rocking eqpt _____	other _____
sliding poles _____	whirl _____	other _____
horizontal ladders _____	sand play area _____	
horizontal rings _____	backhoe digger _____	
track rides _____	play panels _____	
crawl tunnels _____	other _____	
suspension bridges _____	other _____	
ramps _____		
transfer stations _____		
roofs _____		
other _____		
other _____		

HUYLER PARK



REMOVE/RELOCATE ELECTRICAL COMPONENTS TO AVOID TRIPPING AND TEMPERATURE ISSUES WITH LIGHTS

HUYLER PARK



HANDICAP RAMPS DO NOT COMPLY WITH ADA STANDARDS AND DO NOT CONTAIN TRUNCATED DOME MATERIAL

REPAIRS AND MODIFICATIONS

1. The walkways are brick pavers which look very nice. In order to bring the walkways into compliance with ADA Standards, the pavers must be re-set to provide 1' elevation change in 12', or less than 8.3%, with a maximum cross slope of 2%.

The handicap ramps at the corners of County Road and Hillside Avenue and County Road and West Clinton do not comply with ADA Standards. Each ramp should be constructed with truncated dome mats to be in compliance.

Due to the high pedestrian use that this area receives, it is very important to address each of these access items.

The approximate cost to remediate the ramp issue is \$7,000.

2. The beech tree limbs which overhang the walkways should be trimmed up to provide 12' of clearance to avoid pedestrian conflict.

The approximate cost to remediate this issue is \$600.

3. The water fountain is not in compliance with ADA Standards and should be replaced with an up-to-date unit.

The approximate cost to remediate this area is \$3,500.

4. There are many tripping nuisances in and around the memorial sculpture. Also, the electrical box should be reconstructed to be flush with the pavement surface and the lights should be replaced and relocated. These items are also a tripping nuisance, with the potential to get very hot and burn children's hands when illuminated. We suggest that the lights be relocated outside of the paved surface area. *(Please refer to enclosed photograph).*

The approximate cost to remediate this area with two (2) light fixtures and a new electrical box with paver repairs is \$2,900.

5. The flagpole base is broken and should be replaced or repaired to avoid children getting their fingers pinched by the cover.

The approximate cost to remediate this base/escutcheon plate is \$300.

CONCLUSION

The above modifications/repairs total \$14,300. This is a relatively small expenditure in order to reduce litigation and to avoid injury.



Churchill Nature Preserve is located within the affluent residential community of Tenafly and provides circuitous trails which undulate through this relatively untouched woodland. The trails travel adjacent to the rear yards of residential properties. This is very apparent during winter months. The preserve has pedestrian bridges crossing through small streams. The entire preserve has a wonderful mature hardwood forest which is covered by tree canopies through the majority of the delineated trails. There is no off-street parking and no ADA accessible routes, although there is ample room to modify the trail system to accommodate those requirements, we believe there would be significant grading and tree removal which would diminish the rustic nature preserve that exists today.

Google earth

feet
meters

1000

400



CHURCHILL NATURE PRESERVE

Churchill Nature Preserve is a passive park with very low community interest. Few visitors use this facility, however, the park provides a unique experience of native woodlands with the tangible and intangible enrichment of streams meandering through the preserve. While enjoying the thrilling experience of the preserve, there are a number of safety issues that visitors encounter as they cross the open bridges.

TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: Playground Safety is No Accident

BACKGROUND INFORMATION

PG 1

4/10/2012

Name of Facility: Churchill Nature Preserve

Play Area: N/A

Date: MARCH 26, 2012

Eqpt Type: N/A

Surface: EARTH/SOIL

Audited By: G. DEBLASIO

Intended User Age: ADULT

GENERAL ENVIRONMENT

1. Category of Playground: (circle all that apply)

Community Park

Neighborhood Park / Tot Lot

Public School

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures

N/A

B. Free Standing Eqpt

N/A

C. Site Amenities

stairways / steps _____

swings (to-fro) _____

benches X

rung ladders _____

tire swings _____

tables _____

rigid climbers _____

seesaws _____

fountains _____

flexible climbers _____

slides _____

bike racks _____

decks / platforms _____

rigid climbers _____

signs X

play panels _____

flexible climbers _____

litter barrels X

talk tubes _____

upper body eqpt _____

fencing X

slides _____

rocking eqpt _____

other _____

sliding poles _____

whirl _____

other _____

horizontal ladders _____

sand play area _____

horizontal rings _____

backhoe digger _____

track rides _____

play panels _____

crawl tunnels _____

other _____

suspension bridges _____

other _____

ramps _____

transfer stations _____

roofs _____

other _____

other _____

Site: CHURCHILL NATURE PRESERVE

TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM

SOURCE: Playground Safety is No Accident

Completed By: G. DEBASCIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	5
2. Use Level: (high = 10; moderate = 5; low = 2)	5
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	10
Subtotal Use Factors	20

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	12
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	4
3. Equipment: (moving = 6; static = 2; both = 6)	2
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	6
Subtotal Materials	24

C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	8
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	0
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	4
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	0
Subtotal Environmental Factors	12

Site Total (100 points)	56
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

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CHURCHHILL NATIVE PRESERVE



REMOVE FALLEN TREES FROM WALKWAY

CHURCHHILL NATIVE PRESERVE



PROVIDE TRASH RECEPTACLES

CHURCHHILL NATURE PRESERVE



REMOVE ROOTS FROM WALKWAY TO AVOID TRIPPING HAZARDS

CHURCHHILL NATURE PRESERVE



PROVIDE SAFETY BARRIERS ALONG BRIDGE

CHURCHHILL NATIVE PRESERVE



REPAIRS AND MODIFICATIONS

1. Although the accessible routes cannot be made to conform to the general criteria for ADA compliance, safety requires a common sense approach. The pathways should be increased in width to 5', cleared of any vegetation, and exposed roots should be cut and removed.

The footbridges have decks which are constructed of composite lumber. The composite lumber is extremely slippery when it is wet or damp. Therefore, it is suggested that barriers and handrails be installed to avoid injury.

The approximate cost to clean cut along the trails and remove the exposed roots is \$2,500. (Please refer to photograph).

The bridge modifications to provide a barrier and handrail on two (2) bridges is approximately \$6,000.

2. Trimming and removal of fallen trees across the trail.

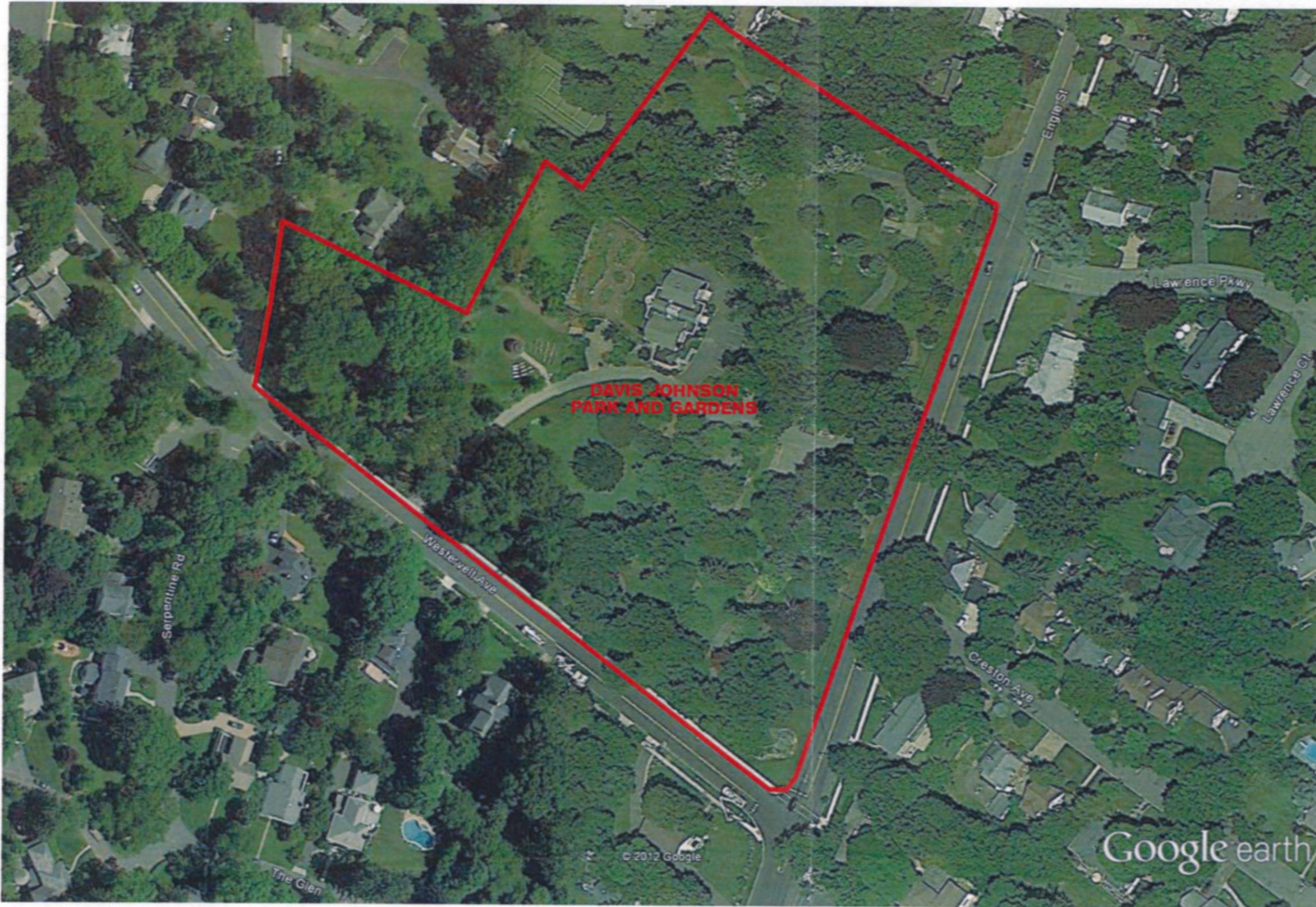
*The approximate cost to remediate this area is approximately \$5,400.
(\$1,800/day x (3) days = \$5,400.)*

3. Trash receptacles should be placed along the trail. This will curtail any debris being placed in inappropriate areas. We suggest placement of four (4) trash receptacles with tamper-proof lids throughout the trail system.

The approximate cost is \$225. per receptacle x (4) receptacles = \$900.

CONCLUSION

This native preserve offers nature in the rough. However, elimination of potential hazards must be done in order to avoid injury to visitors. This facility could not be modified without significant grading and tree removal to be compliant with ADA Standards. However, by providing the suggested \$14,800. of improvements, we believe that more visitors will visit this unique woodlands area and potential injuries will be avoided.



Davis Johnson Park and Gardens is located within a wonderful residential community with multiple access points from Westervelt Avenue and Engle Street.

The park is a passive park similar to an arboretum. The park and garden contain several large, rare and unusual trees and shrubs and is well-maintained. As visitors meander through the park grounds, views and vanishing points within the garden are always changing. However, the topography is moderately steep, and the pathway surfacing is granular, thereby non-conforming to ADA standards. There is sufficient area to lessen the existing slope by grading and construction of walls. However, this design work would have to be managed in a manner to maintain the existing plant material with minimal disturbance. This facility is extremely picturesque and tranquil.

Google earth

feet
meters

200 800



DAVIS JOHNSON PARK AND GARDEN

Davis Johnson Park is a passive park that does not contain any play equipment for children. The facility is very well kept and has a small parking area northeast of the Alliene S.D. Johnson Garden Room. The parking lot and approach ramp to the building do comply with ADA Standards. However, once you enter other areas of the facility, ADA Standards are non-existent. This is primarily due to the topography of the facility.

TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: *Playground Safety is No Accident*

BACKGROUND INFORMATION

PG 1

4/13/2012

Name of Facility: Davis Johnson Park and Garden

Play Area: N/A Date: MARCH 26, 2012

Eqpt Type: N/A Surface: RED STONE DUST

Audited By: G. DEBLASIO Intended User Age: ADULT

GENERAL ENVIRONMENT

1. Category of Playground: (circle all that apply)

Community Park Neighborhood Park / Tot Lot Public School

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures	N/A	B. Free Standing Eqpt	N/A	C. Site Amenities	
stairways / steps	_____	swings (to-fro)	_____	benches	<u>X</u>
rung ladders	_____	tire swings	_____	tables	_____
rigid climbers	_____	seesaws	_____	fountains	_____
flexible climbers	_____	slides	_____	bike racks	_____
decks / platforms	_____	rigid climbers	_____	signs	<u>X</u>
play panels	_____	flexible climbers	_____	litter barrels	<u>X</u>
talk tubes	_____	upper body eqpt	_____	fencing	<u>X</u>
slides	_____	rocking eqpt	_____	other	_____
sliding poles	_____	whirl	_____	other	_____
horizontal ladders	_____	sand play area	_____		
horizontal rings	_____	backhoe digger	_____		
track rides	_____	play panels	_____		
crawl tunnels	_____	other	_____		
suspension bridges	_____	other	_____		
ramps	_____				
transfer stations	_____				
roofs	_____				
other	_____				
other	_____				

DAVIS JOHNSON
PARK & GARDEN
Site: _____

TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM

SOURCE: Playground Safety is No Accident

Completed By: G. DEBLASIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	5
2. Use Level: (high = 10; moderate = 5; low = 2)	5
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	10
Subtotal Use Factors	25

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	12
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	4
3. Equipment: (moving = 6; static = 2; both = 6)	2
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	12
Subtotal Materials	30

C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	4
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	N/A
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	8
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	4
Subtotal Environmental Factors	16

Site Total (100 points)	71
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

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DAVIS JOHNSON PARK AND GARDENS



REPAINT HANDICAP STALLS AND PROVIDE SIGNAGE

DAVIS JOHNSON PARK AND GARDENS



MODIFY ACCESSIBLE ROUTE; MATERIAL TO COMPLY WITH ADA STANDARDS

DAVIS JOHNSON PARK AND GARDENS



REMOVE EXPOSED IRRIGATION PIPES FROM WALKWAY

DAVIS JOHNSON PARK AND GARDENS



REPAIR SIGN; CONVEYS IMPROPER IMAGE

REPAIRS AND MODIFICATIONS

1. Access points from Westervelt Avenue should be modified through the use of switchback ramps to provide ADA accessibility compliance. Westervelt Avenue is bordered by the park and has a sidewalk which runs along the southern property line. This pedestrian walkway could be modified with reasonable site improvements to accommodate the acceptable slope standards pertaining to ADA Standards to provide compliant access.

We would expect that if this improvement were to be constructed with similar existing materials, that the modification would cost approximately \$15,000.

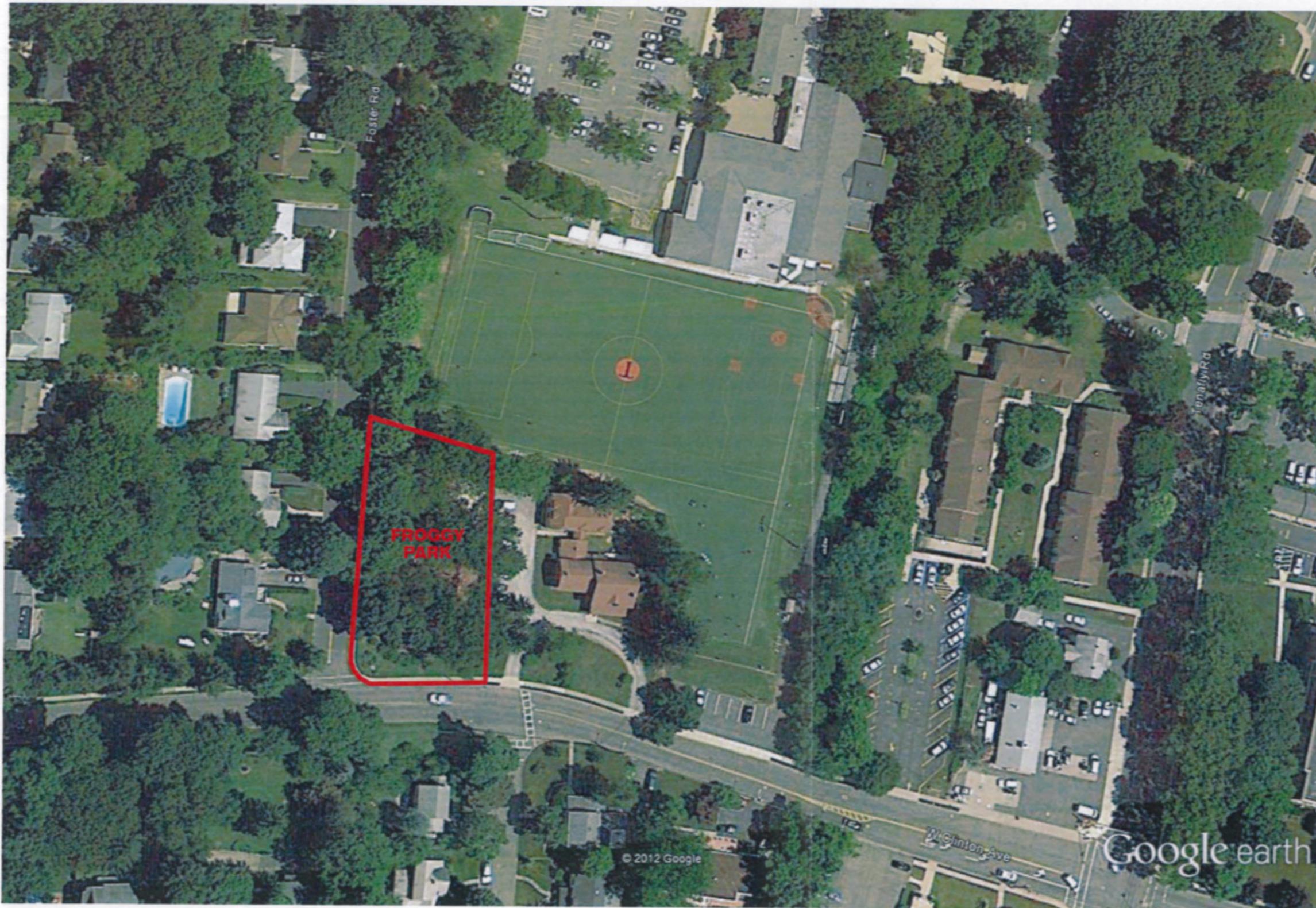
2. The path and trail system approach from the southern portion of the park, heading towards Jack D. Lissemore Rose Garden, should have the slope addressed through the use of a similar switchback trail. We believe that there is adequate room to accommodate this elevation change without significant tree removal or disturbance to the garden.

We would expect the cost for construction and restoration to be approximately \$12,000.

3. The trail system consists primarily of red stone dust. This material must be maintained by re-distribution to provide ADA accessibility compliance.

CONCLUSION

The Davis Johnson Park and Garden is a wonderful facility and the rose garden is relatively new and special addition to the garden. With small modifications, the facility could become about 65% ADA compliant. While \$27,000. is a significant amount of money to spend in these difficult times, major access points of the facility would be updated and be made available to individuals who normally would not be able to partake in the offerings of Davis Johnson Park and Garden due to age (young or old) or their disability.



Froggy Park is located at the corner of Foster Road and West Clinton Avenue and borders the municipal complex to the north and residential properties to the south, west and east. It is the most active park which is primarily used by families with young children aged 2 to 5 years. While the park is within walking distance from surrounding residential properties, there is no handicap access or parking facilities. The park is located beneath a mature tree cover which provides wonderful shade during summer months. During our study, it was found that this playground consistently contained the highest level of visitors. The park could be made ADA compliant through the use of an accessible path off West Clinton Avenue, with parking nearby.

Google earth

feet
meters

600

200



FROGGY PARK

Froggy Park is an active park for young children ages 2 to 5. The park is centrally located within the community, adjacent to the synthetic turf field, next to the municipal complex. Froggy Park is a highly used park with mothers and young children using this park daily from 9:30 a.m. to 3:30 p.m. The equipment provided within the playground is about 10 to 15 years old. *(Please refer to the enclosed photograph).* The playground equipment is significantly dated, with many of the components requiring attention from a "wear" standpoint. Components are missing on the infill panels. The geodometric dome climber is very old and in poor condition and is not age appropriate for children ages 2 through 5. It should be removed from the park at a minimum. The percentage of handicap accessible equipment is not currently in compliance. Therefore, we suggest a total upgrade to the entire facility.

TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: *Playground Safety is No Accident*

BACKGROUND INFORMATION

PG 1

4/10/2012

Name of Facility: Froggy Park

Play Area: CONTAINED

Date: MARCH 26, 2012

Eqpt Type: COMPOSITE & FREE

Surface: FIBAR

Audited By: G. DE BLASIO

Intended User Age: 2-5

GENERAL ENVIRONMENT

1. Category of Playground: (circle all that apply)

Community Park

Neighborhood Park / Tot Lot

Public School

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures

B. Free Standing Eqpt

C. Site Amenities

stairways / steps X

swings (to-fro) _____

benches X

rung ladders _____

tire swings _____

tables X

rigid climbers X

seesaws X

fountains _____

flexible climbers _____

slides _____

bike racks _____

decks / platforms X

rigid climbers _____

signs X

play panels X

flexible climbers _____

litter barrels X

talk tubes _____

upper body eqpt _____

fencing X

slides X

rocking eqpt _____

other _____

sliding poles _____

whirl _____

other _____

horizontal ladders _____

sand play area X

horizontal rings _____

backhoe digger _____

track rides _____

play panels X

crawl tunnels _____

other _____

suspension bridges _____

other _____

ramps _____

transfer stations X

roofs X

other _____

other _____

**TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM**

SOURCE: *Playground Safety is No Accident*

Site: FROGGY PARK

Completed By: G. DEBLASIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	2
2. Use Level: (high = 10; moderate = 5; low = 2)	10
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	2
Subtotal Use Factors	14

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	12
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	2
3. Equipment: (moving = 6; static = 2; both = 6)	2
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	3
Subtotal Materials	19

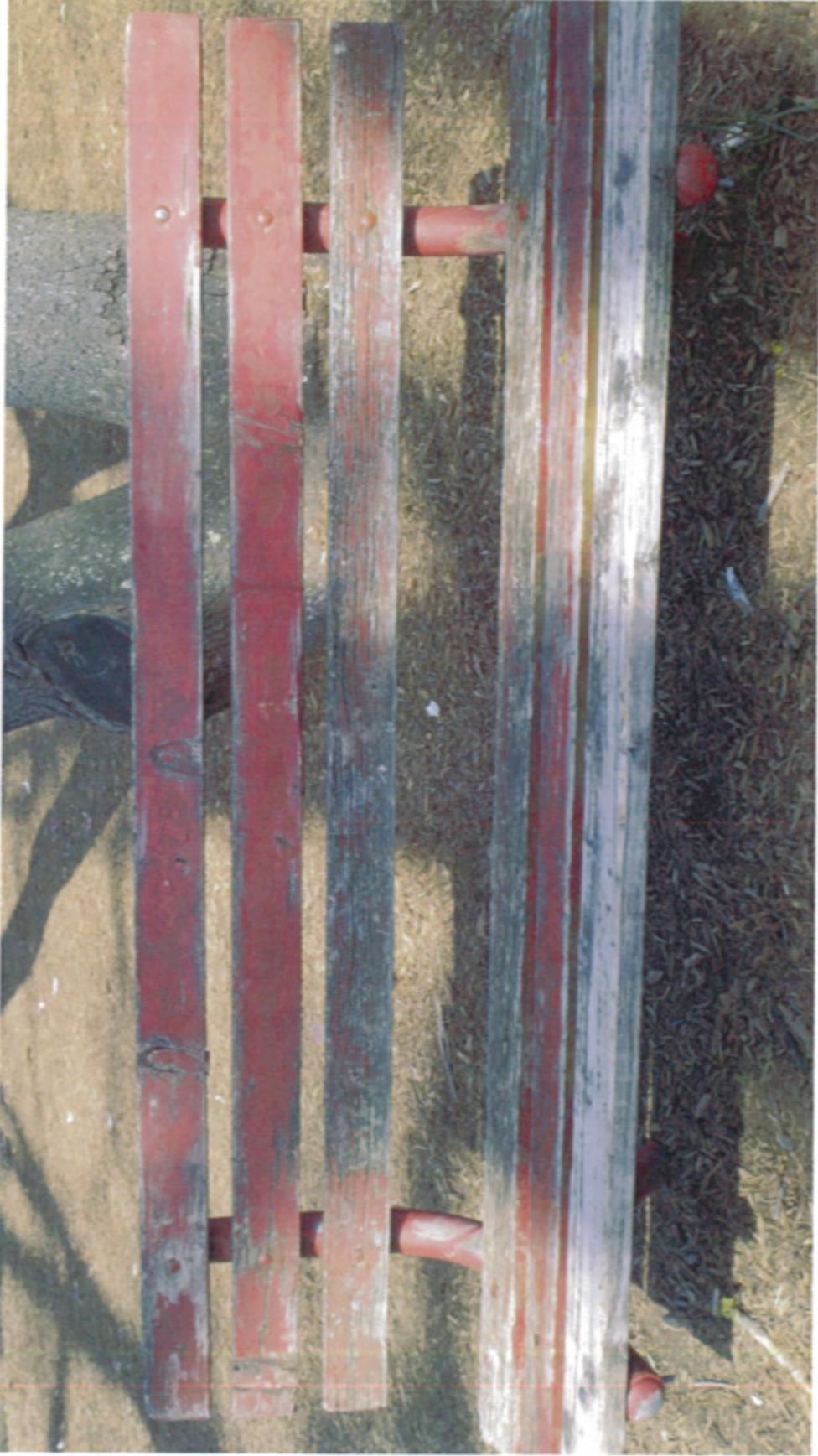
C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	8
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	N/A
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	0
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	4
Subtotal Environmental Factors	12

Site Total (100 points)	45
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

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FROGGY PLAYGROUND



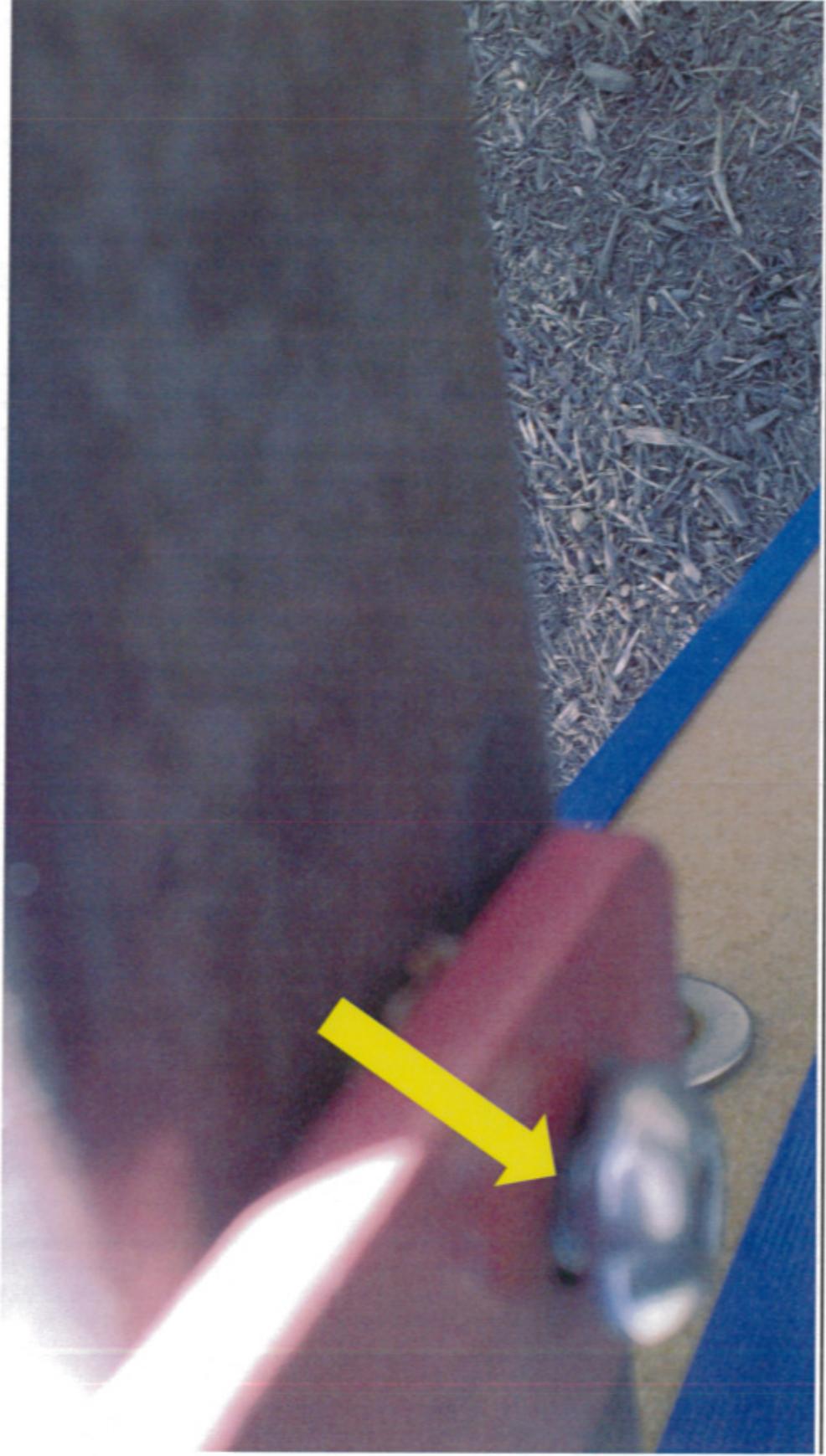
OLD SITE AMENITIES SHOULD BE REMOVED

FROGGY PLAYGROUND



TREES LEANING BEYOND AN ACCEPTABLE STANDARD, SHOULD BE REMOVED TO AVOID A HAZARDOUS CONDITION

FROGGY PLAYGROUND



LOOSE BOLT AND STRIPPED BOLTS THROUGHOUT PARK

FROGGY PLAYGROUND

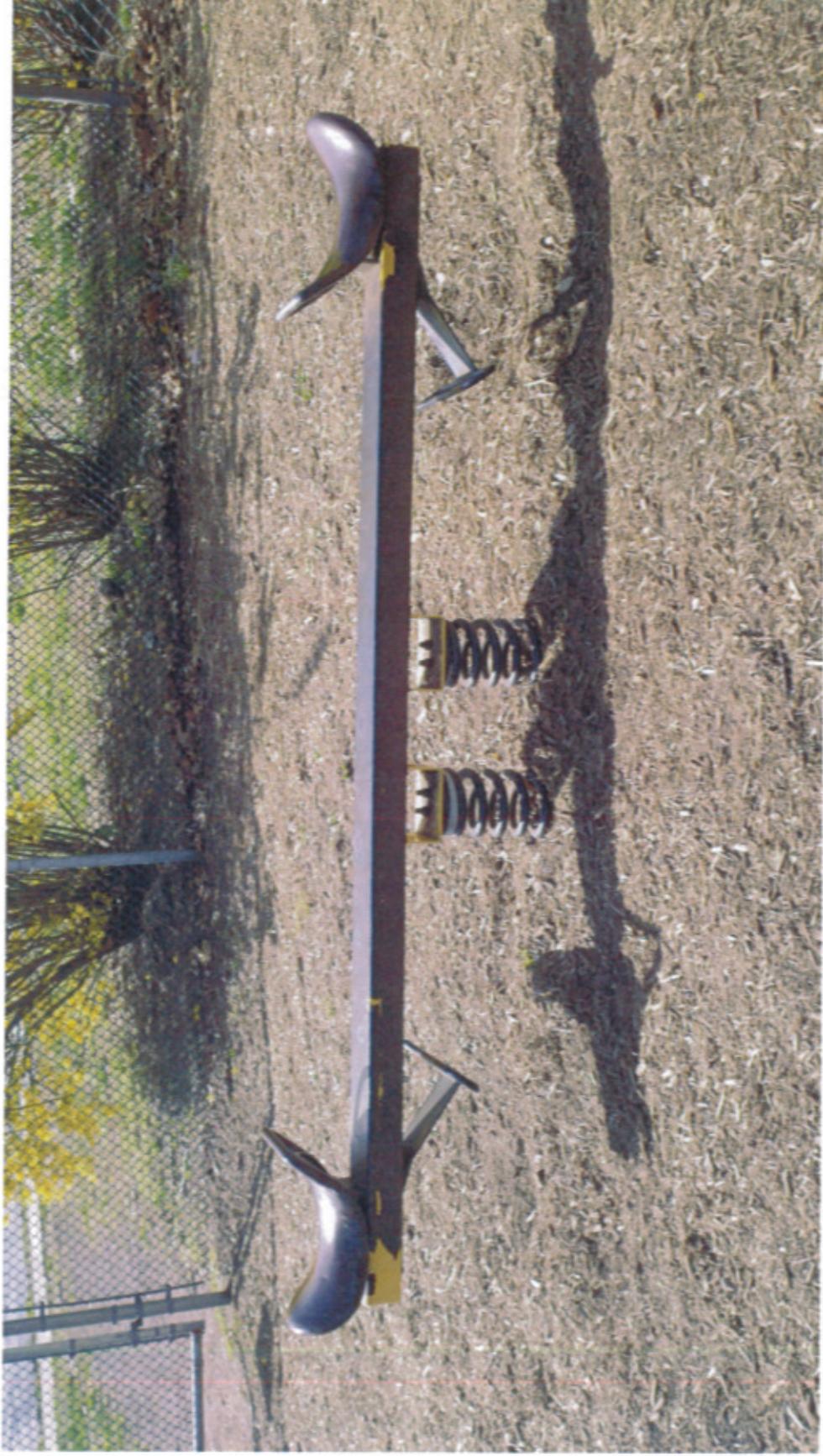


DAMAGED SPIRAL CLIMBER WITH LOOSE BOLT ATTACHMENT

FROGGY PLAYGROUND



FROGGY PLAYGROUND



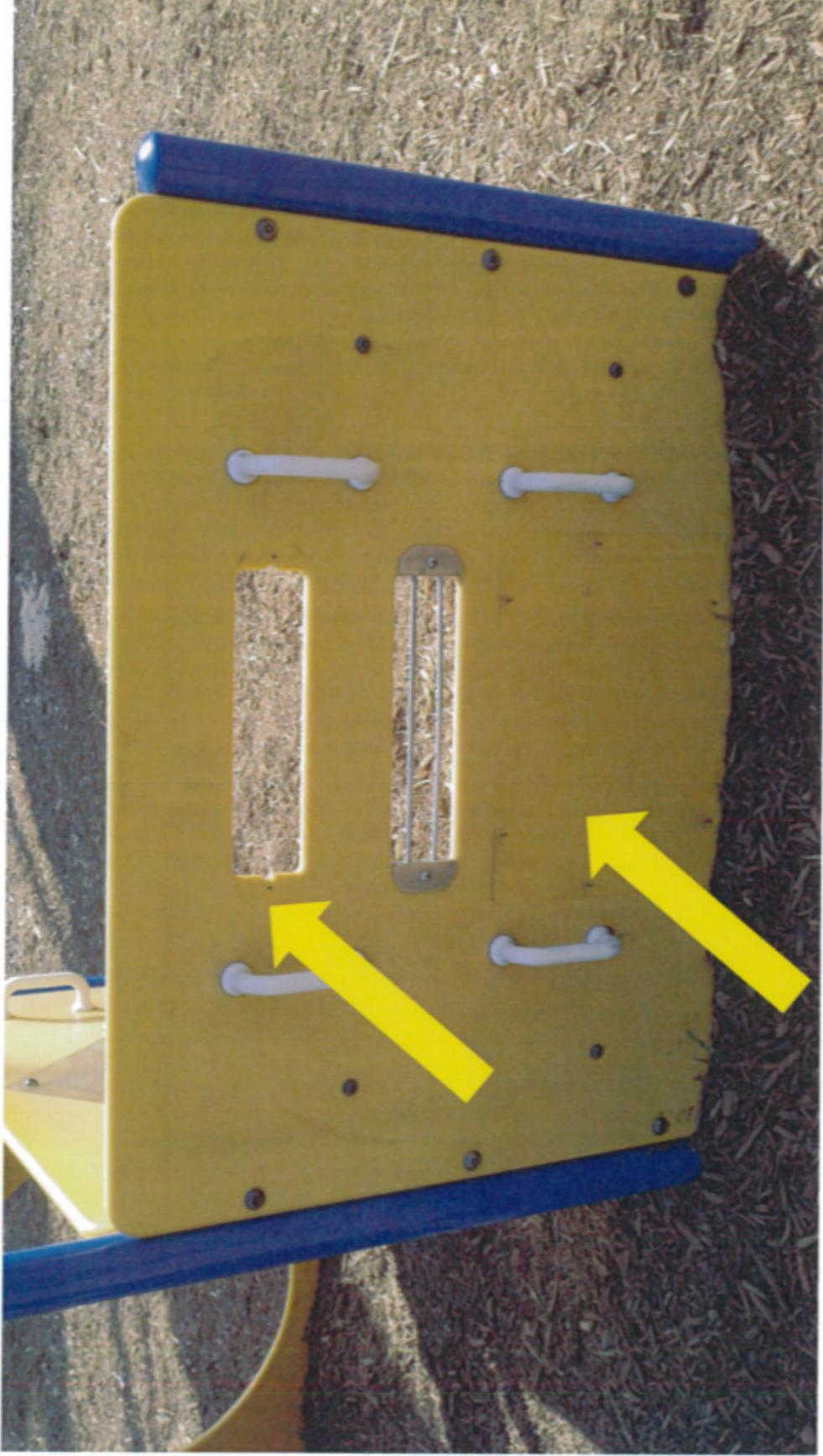
OUT OF DATE EQUIPMENT IN POOR CONDITION WITHOUT SAFETY COVERS

FROGGY PLAYGROUND



DEAD TREES WITHIN THE PLAY AREA OF THE PARK POSE A PRIORITY 1 HAZARD AND SHOULD BE REMOVED

FROGGY PLAYGROUND



MISSING COMPONENTS ON PLAY STRUCTURE

REPAIRS AND MODIFICATIONS

1. There are several dead trees and trees in poor condition that should be removed as soon as possible. They present significant hazards to park patrons.

We estimate the minimal removal of two (2) dead trees, one (1) leaning tree and stump grinding for the existing stump within the play surface area to cost approximately \$3,200.

We would suggest this work be performed immediately.

2. The stairway which descends down to the park from Foster Road should be replaced. (Please refer to enclosed photograph). The stairway is a tripping nuisance, is in disrepair and does not comply with BOCA codes.

We estimate that the reconstruction of this stairway made with pre-engineered wall units and pavers to cost approximately \$15,000.

A handrail made of aluminum would cost approximately \$2,000.

We believe this item should be addresses as soon as funding is available.

3. There is no accessible route to entire the park. At this time, we suggest that a compliant walk and handicap parking stall be provided off West Clinton Avenue. There is ample room to develop this area to meet ADA Standards. We believe that fencing/gate modifications would have to be made to accommodate this change.

We estimate that the cost to make the above recommended improvements would be approximately \$2,600.

4. Installation of additional fibar surface must be provided to the existing surface and maintenance of the product must be provided on a regular basis to comply with ADA Standards.

Approximate cost \$3,100.

CONCLUSION

Enclosed is a concept plan for a new playground layout with new equipment for your use. The equipment addresses the needs of the community and meets or exceeds the number of accessible play components within the park.

Our suggestion is to replace the play equipment, construct new stairs and a new accessible route with parking stall.

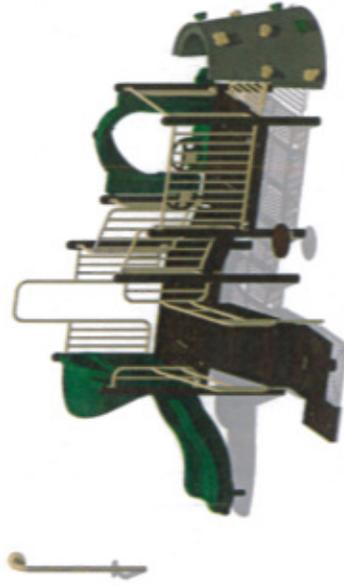
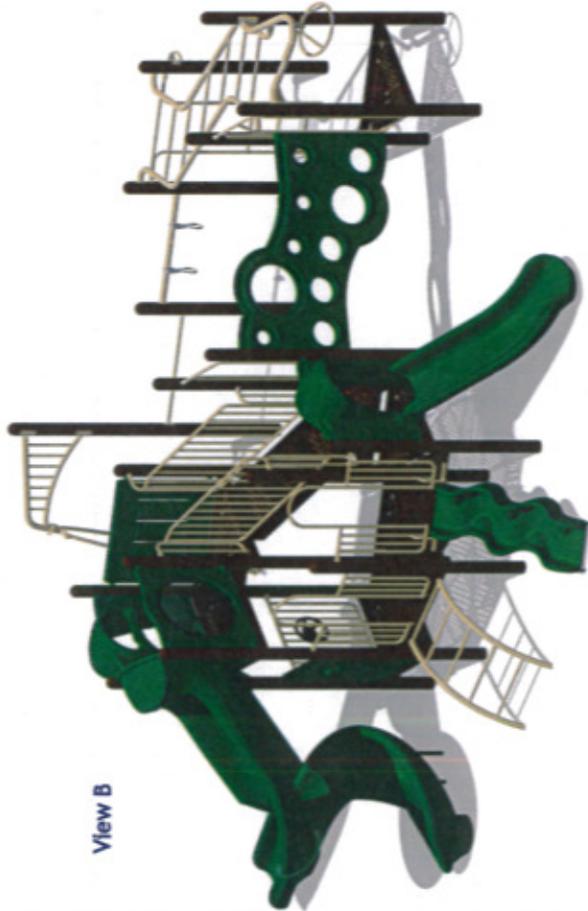
The concept for hard cost would probably cost approximately \$52,000. However, if you choose to repair the items above, we believe the cost would be approximately \$25,900. in order to make the facility ADA compliant and safe for patrons.

**Froggy Park
Tenafly, NJ**

View A



View B





A PLAYCORE Company

C/O MRC
PO Box 106
Spring Lake, NJ 07762
Ph: 732-458-1111
Fx: 732-974-0226
Em: MARTURANO@GAMETIME.COM
Web: www.marturanorec.com

QUOTE
#88751

04/11/2012

NJ Tenafly Borough of Froggy Park Playground Equipment

Maser Consulting
Attn: Gus DeBlasio
331 Newman Springs Road, Suite 203
1 River Centre, Building 2
Red Bank, NJ 07701
Phone: 732-383-1950
Fax: 732-383-1984

Project #: P67382
Ship To Zip: 07670

Quantity	Part #	Description
1	G11644	Game Time - PrimeTime Little Climb-N-Slide
1	G85303	Game Time - PSPlus Cluster of Fun
1	INSTALL	Game Time - Donated Installation by a Certified GameTime Installer <i>- With the purchase of the above listed equipment</i>
1	NJSC	NJ State Contract - NJ State Contract #A59052

NJ State Contract #A59052

Total Amount: \$51,999.00

Shipping to Tenafly, NJ.

Donated Installation by a Certified GameTime Installer is included with the purchase of the above listed equipment.

No safety surfacing is included.

KD/jm

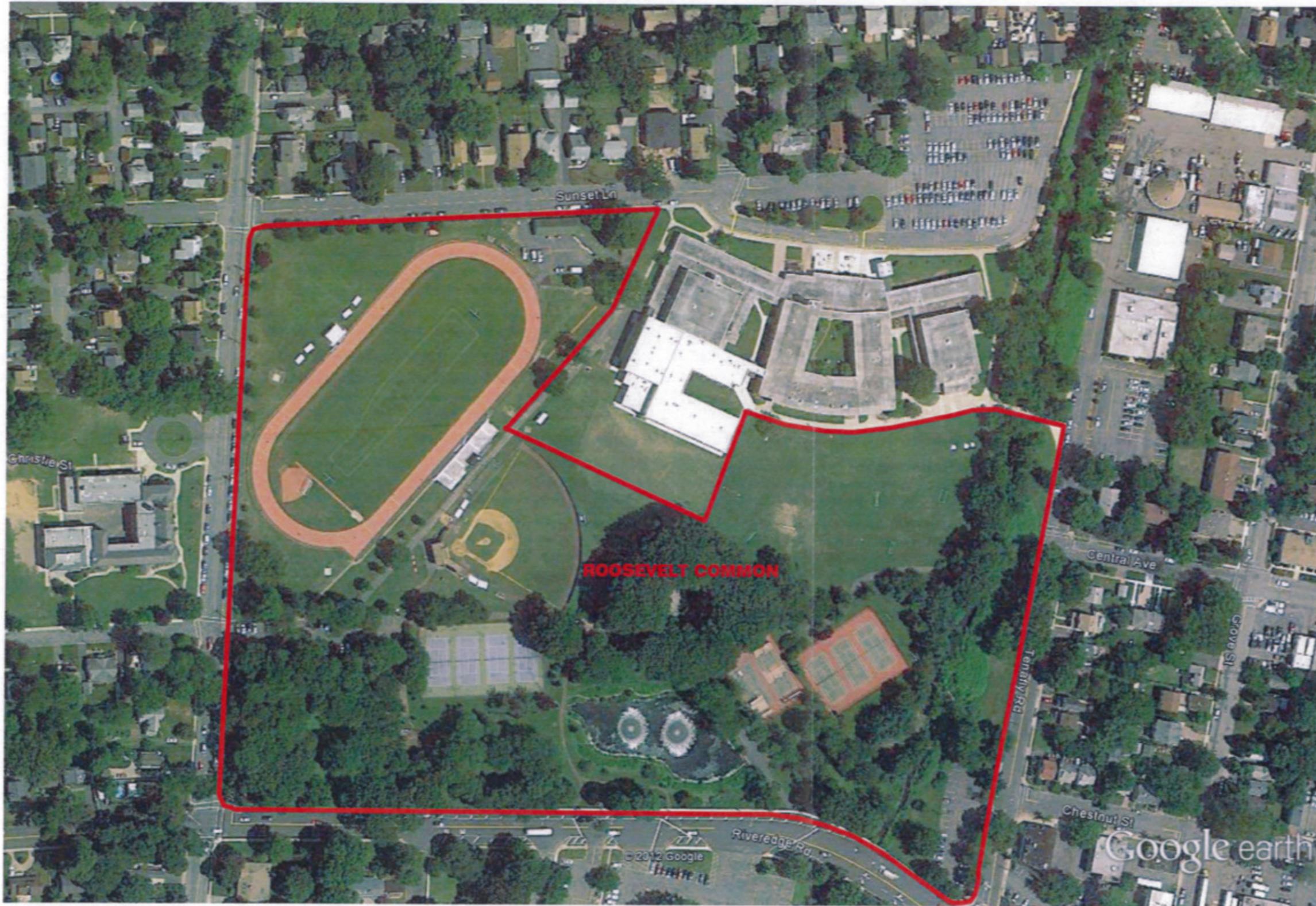
CHOOSE YOUR COLOR SCHEME:

IT IS VERY IMPORTANT THAT YOU CHOOSE A COLOR SCHEME FOR YOUR MODULAR PLAYGROUND UNIT AT TIME OF ORDER. PLEASE SELECT FROM ONE OF THE MANY "PLAY PALETTES" LISTED IN THE BACK OF THE GAMETIME CATALOG OR ON OUR WEBSITE: www.gametime.com. INDICATE YOUR SELECTION BELOW.

GAMETIME PLAY PALETTE: _____

NOTE: COLOR SELECTION FOR ALL OTHER EQUIPMENT SHOULD BE ENTERED IN THE SPACE PROVIDED UNDER THAT SPECIFIC ITEM.





Roosevelt Common Playground is located south of the high school track and east of Tenafly Road on the corner of River Edge Road. This active park is primarily designed for children ages 5 through 12. The facility contains a nature trail, parking area and many other site amenities such as tennis courts, a skateboard park and historical sculptures which seem to be shared by the school and park visitors. The playground is not ADA compliant in regard to designated parking or access. Some trails from the press box and snack bar adjacent to the baseball field have been updated with asphalt. However, they do not provide uninterrupted access from the parking facility to the activities. Several areas of this facility could be modified to provide ADA accessibility.

Google earth

feet
meters

1000

400



ROOSEVELT COMMONS (GRIFFIN PARK)

The tot lot area recently experienced tree failures that caused significant fence damage. The tot lot area does not have an ADA accessible route from the parking area, as such, the parking area does not contain a designated handicapped parking space. The pedestrian benches are not mounted properly and have exposed footings above the safety surface. The cladder bridge on the composite play structure is very loose, which could cause a child to lose his or her fingers due to the space between panels. The play equipment requires cleaning and maintenance to avoid structural failure caused by corrosion or lack of paint. The composite play structure made by Park Structures by Koala Corp., is in good condition. The holly shrubs and any other plant material overhanging the play area need to be trimmed.

TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: Playground Safety is No Accident

BACKGROUND INFORMATION

PG 1

4/10/2012

Name of Facility: Roosevelt Common Playground

Play Area: SEVERAL

Date: MARCH 26, 2012

Eqpt Type: COMPOSITE & FREE STANDING

Surface: VARY

Audited By: G. DEBLASIO

Intended User Age: 5-12 & OLDER

GENERAL ENVIRONMENT

1. Category of Playground: (circle all that apply)

Community Park

Neighborhood Park / Tot Lot

Public School

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures

stairways / steps X

rung ladders X

rigid climbers X

flexible climbers _____

decks / platforms X

play panels X

talk tubes X

slides X

sliding poles X

horizontal ladders _____

horizontal rings _____

track rides _____

crawl tunnels _____

suspension bridges X

ramps X

transfer stations X

roofs X

other _____

other _____

B. Free Standing Eqpt

swings (to-fro) _____

tire swings _____

seesaws _____

slides _____

rigid climbers _____

flexible climbers _____

upper body eqpt _____

rocking eqpt _____

whirl _____

sand play area _____

backhoe digger _____

play panels X

other _____

other _____

C. Site Amenities

benches X

tables X

fountains _____

bike racks _____

signs X

litter barrels X

fencing X

other _____

other _____

**ROOSEVELT
COMMON PLAYGROUND**
Site: _____

**TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM**

SOURCE: *Playground Safety is No Accident*

Completed By: G. DEBLASIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	5
2. Use Level: (high = 10; moderate = 5; low = 2)	10
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	10
Subtotal Use Factors	25

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	12
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	2
3. Equipment: (moving = 6; static = 2; both = 6)	2
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	6
Subtotal Materials	22

C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	4
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	N/A
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	4
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	8
Subtotal Environmental Factors	16

Site Total (100 points)	63
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

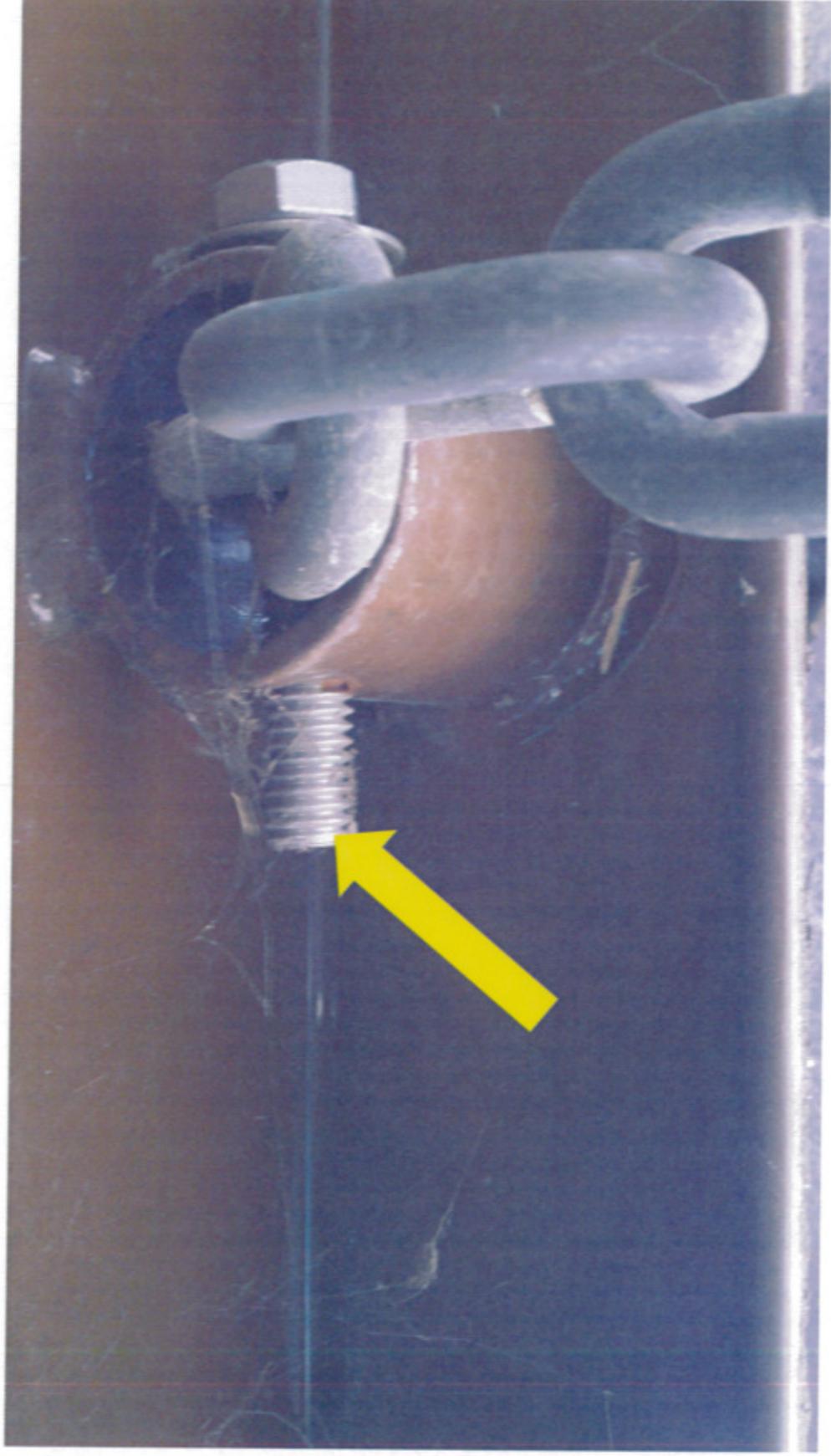
IMPORTANT: This information has been prepared to assist the District's attorney in defending potential litigation. Do not release to any person except a District official, PDRMA representative, or an investigating police officer.

ROOSEVELT COMMON PLAYGROUND



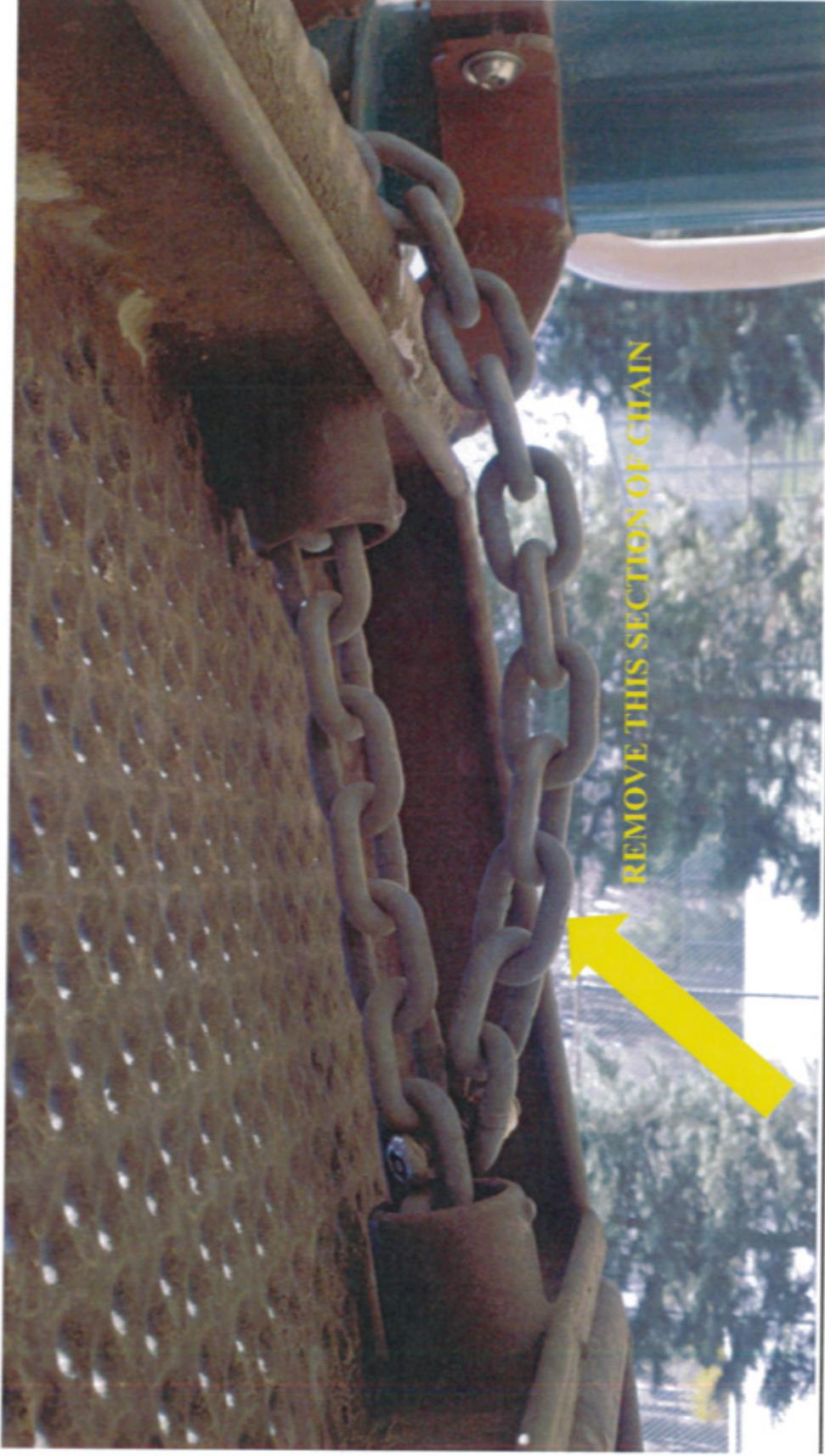
AREA DOES NOT PROVIDE AN UNINTERRUPTED ADA COMPLIANT PATH WAY

ROOSEVELT COMMON PLAYGROUND



REPLACE NUT ON CLADDER BRIDGE CHAIN

ROOSEVELT COMMON PLAYGROUND



**DO NOT PERFORM REPAIRS TO CLADDER BRIDGES WHICH DO NOT FOLLOW
MANUFACTURER GUIDELINES**

ROOSEVELT COMMON PLAYGROUND



REPAIR OR REPLACE FENCING AROUND PLAYGROUND

ROOSEVELT COMMON PLAYGROUND



PROVIDE ACCEPTABLE ADA COMPLIANT PATHWAY SYSTEM

ROOSEVELT COMMON PLAYGROUND



PROVIDE PROPER FOOTING FOR BENCHES

GRIFFIN PARK



GRIFFIN PARK



CHAIN ON CLADDER BRIDGE MUST BE TIGHTENED TO AVOID CHILDREN FROM GETTING THEIR FINGERS CRUSHED

GRIFFIN PARK



EXPOSED WIRES AND OTHER PROTRUSIONS

GRIFFIN PARK



OPEN ELECTRICAL PANELS

GRIFFIN PARK



REMOVE DECAYING CLIMBING STRUCTURES WITH INADEQUATE FALL ZONE SURFACE

GRIFFIN PARK



REMOVE DECAYING CLIMBING STRUCTURE

REPAIRS AND MODIFICATIONS

1. Replace damaged fencing throughout the park. All gates should be 60" to comply with required clearance for mobility and flow.

We estimate the cost of the replacement and repairs to be approximately \$5,200.

2. The red stone path that connects the parking lot to the playground area must be improved to control slope and proper distribution of the stone surface. The trail must be extended adjacent to the delineated handicapped parking stall to the play facility with no slope exceeding 1"=12" or 8.3% with a minimum 5' width. This path continues to a picnic area from the woods and proceeds towards the lower second playground area.

We estimate that the modifications to the path surfaces, parking area and signage to cost approximately \$5,700.

The above cost was based on utilization of asphalt surface.

3. The composite play structure is in very good condition with the exception of the cladder bridge section of the structure. If the chain supports could be tightened up, the bridge will not have to be replaced.

If the cladder bridge requires replacement parts and installation would cost approximately \$4,000.

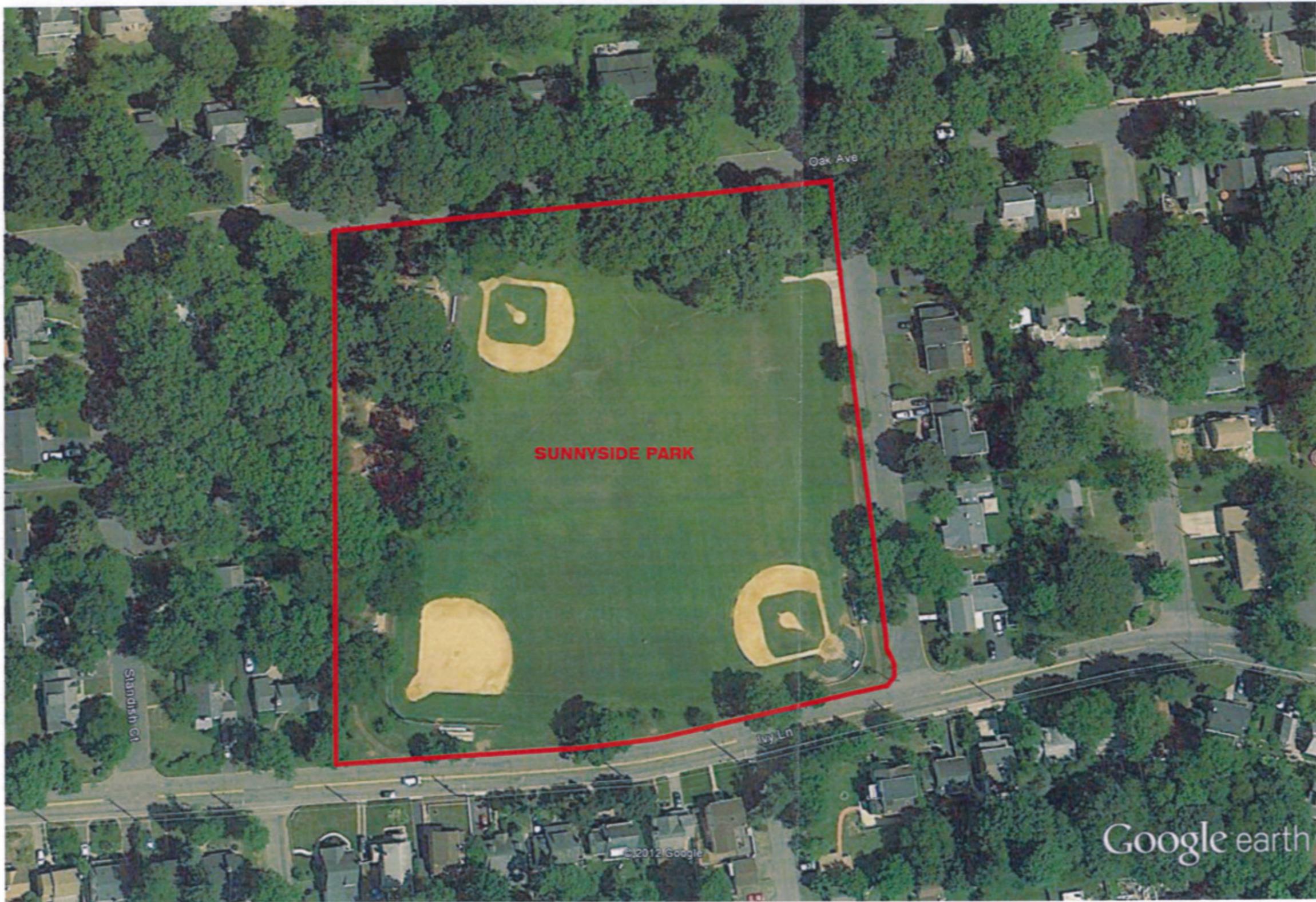
4. Trail repair, expansion and surfacing changes to comply with ADA Standards from the picnic area to the Griffin Park play structure would cost approximately \$5,400.

5. Supplemental fibar surfacing for both play areas to provide ample attenuation.

The cost and installation of 15 cubic yards (7.5 cubic yards in both facilities) would be approximately \$1,200.

CONCLUSION

Roosevelt Commons/Griffin Park has a great deal to offer the community with its woodland picnic area, age appropriate play structures, abundance of ponds and mature trees throughout the park. We believe \$21,500± to update and repair the circulation and other amenities are well worth the investment to make a larger portion of the facility accessible to the general population.



Sunnyside Park is located within a quiet neighborhood. It is bound by various roads, Oak Avenue to the north, Ivy Lane to the south and Standish Court to the west. A portion of the park backs-up to residential homes which front-off of Standish Court. The park is primarily an active park containing play equipment in a mixed arrangement for children ages 2 to 5 and 5 to 12. The play equipment is laid out amongst large mature trees in the northwest corner of the park, which provide ample shade during summer months. There are several buildings and restrooms provided within the facility. The park also contains two (2) baseball fields and one (1) softball field. Parking is extremely limited and is located within the northeast portion of the subject property. The entire facility is not compliant with ADA guidelines pertaining to access or parking. Play equipment modifications could be made to existing facility to bring the park into compliance with current codes with relatively minor changes.

Google earth

feet
meters



SUNNYSIDE PARK

Sunnyside Park supports various sports activities such as, baseball, softball and soccer for multiple age groups. The playground equipment located in the northwest corner of the park, beneath the mature tree canopy, accommodates children ages 2 to 5 and 5 to 12. The park contains a circulation path around the entire facility which is actually used as an exercise trail. This trail would offer a wonderful opportunity to expand upon with the addition of exercise stations along the walkway, particularly in areas of less activity and not located adjacent to the backstops.

**TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM**

SOURCE: *Playground Safety is No Accident*

Site: SUNNYSIDE PARK Completed By: G. DE BLASIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	5
2. Use Level: (high = 10; moderate = 5; low = 2)	10
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	10
Subtotal Use Factors	25

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	12
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	2
3. Equipment: (moving = 6; static = 2; both = 6)	2
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	12
Subtotal Materials	28

C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	4
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	N/A
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	8
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	8
Subtotal Environmental Factors	20

Site Total (100 points)	73
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

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TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: Playground Safety is No Accident

BACKGROUND INFORMATION

PG 1

4/10/2012

Name of Facility: Sunnyside Park

Play Area: SEVERAL

Date: MARCH 26, 2012

Eqpt Type: COMPOSITE & FREE

Surface: VARY

Audited By: STANDING
G. DEBLASIO

Intended User Age: 5-12

GENERAL ENVIRONMENT

1. Category of Playground: (circle all that apply)

Community Park

Neighborhood Park / Tot Lot

Public School

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures

B. Free Standing Eqpt

C. Site Amenities

stairways / steps X

swings (to-fro) _____

benches X

rung ladders X

tire swings _____

tables X

* rigid climbers X

seesaws _____

fountains _____

flexible climbers _____

slides _____

bike racks _____

decks / platforms X

rigid climbers _____

signs X

play panels X

flexible climbers _____

litter barrels X

talk tubes _____

upper body eqpt _____

fencing X

slides _____

rocking eqpt X

other _____

sliding poles _____

whirl _____

other _____

horizontal ladders _____

sand play area _____

horizontal rings _____

backhoe digger _____

track rides X

play panels X

crawl tunnels _____

other _____

suspension bridges X

other _____

ramps X

transfer stations X

* REQUIRES ATTENTION

roofs _____

other _____

other _____

SUNNYSIDE PARK



SUNNYSIDE PARK



REPAIR TRIPPING HAZARDS TO AVOID INJURIES

SUNNYSIDE PARK



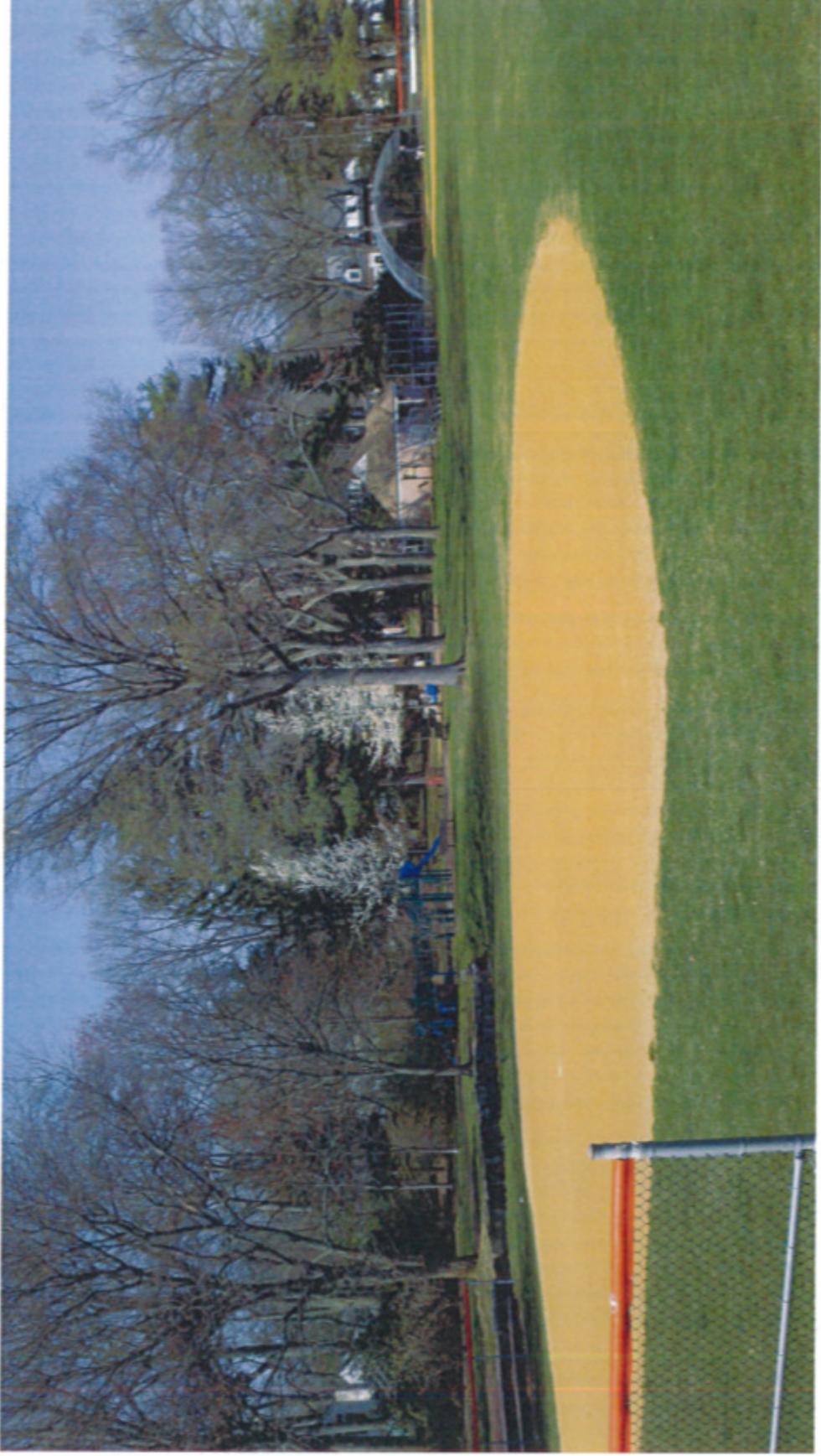
PROVIDE REQUIRED MAINTENANCE AND SUPPLEMENT PLAY SURFACE ON REGULAR BASIS

SUNNYSIDE PARK



EXCEEDS ADA SLOPE STANDARDS AND DOES NOT PROVIDE TRUNCATED DOME MATERIAL

SUNNYSIDE PARK



REPAIR LIP IN TURF FROM INFIELD MIX MIGRATION

REPAIRS AND MODIFICATIONS

1. The parking area in the northeast corner of the facility, off Wilkens Place should be expanded to accommodate at least ten (10) additional cars, one (1) of which to be designated for handicapped parking.

We believe the additional parking modifications would cost approximately \$22,200. This would be a positive improvement to the park, which would not require visitors to park primarily along roadways.

2. The site does not contain ADA compliant access routes. The width of the walking path in some areas is as narrow as 3'. The path consists of red stone which generally surrounds the entire perimeter of the park. The slope exceeds 1'=12', or 8.3%. However, there is adequate room to modify the trail slope. There are drainage areas which flow across the walk causing erosion and steep slopes. Our suggestion is to correct the grading, and install an asphalt accessible path system which will interconnect each activity of the facility. The path system should start at the proposed handicapped parking stall to provide an ADA compliant route.

We estimate that 2,000' LF of trail, 5' wide would be required, with minor grading for an approximate cost of \$18,000.

$$2,000 \text{ LF} \times \$9/\text{LF} = \$18,000.$$

3. In the southwest portion of the park, there are retaining walls which are used as bleachers, adjacent to the softball backstop. A barrier should be installed adjacent to the trail to avoid injury of someone falling off the makeshift seats.

We estimate the barrier (the product) to cost approximately \$3,000. and \$1,500. to install, for a total approximate cost of \$4,500.

CONCLUSION

Sunnyside Park provides many recreational activities to a large cross-section of the community. The above improvements will enhance and update the facility and bring the park into ADA compliance for approximately \$44,700. These improvements would only further compliment this facility and reduce maintenance.



Walnut Park is located north of Walnut Drive and south of Leonard Avenue. The western property line of the playground backs-up to residential homes in a very quiet neighborhood. The east side of the park backs-up to railroad tracks, which do not appear to present any hazard to the children who visit the park due to their distance from the tracks.

Walnut Park has recently been updated with new ADA compliant play structures. However, there are still access issues to the play structure which do not comply with ADA access standards. The facility is primarily designed to accommodate children 5 to 12 years of age, with a mix of freestanding play components for children ages 2 to 5 years of age spread throughout the site.

Google earth



WALNUT PARK

Walnut Park has recently had a new composite play structure installed. This brought the park into ADA compliance with regard to play equipment accessibility which requires that 25% of the equipment activities be accessible from an elevated transfer system.

The new ramped composite play structure requires that 50% of the equipment be accessible. This standard does not apply to ground play equipment, only elevated activities.

The new walk from Leonard Avenue does not comply with ADA accessibility guidelines. The walk and ramp do not follow the strict regulations or rules which require 1' = 12' or 8.3% and a maximum cross slope of less than 2%. *(Please refer to the enclosed photograph).*

The walk is also only 4' wide and ADA Standards require 5'. The total access walk should be removed and replaced to be in compliance and provide compliant access to the new composite play structure.

TENAFLY BOROUGH PARK DISTRICT
PLAYGROUND SAFETY AUDIT FORMS

SOURCE: *Playground Safety is No Accident*

BACKGROUND INFORMATION

PG 1

4/10/2012

Name of Facility: Walnut Park

Play Area: SEVERAL Date: MARCH 26, 2012

Eqpt Type: COMPOSITE & FREE STANDING Surface: _____

Audited By: G. DE BLASIO Intended User Age: _____

GENERAL ENVIRONMENT

1. **Category of Playground:** *(circle all that apply)*

Community Park Neighborhood Park / Tot Lot Public School

2. **Equipment Inventory:** *(indicate the number of equipment pieces that exist)*

A. Composite Structures		B. Free Standing Eqpt		C. Site Amenities	
stairways / steps	<u>X</u>	swings (to-fro)	<u>X</u>	benches	<u>X</u>
rung ladders	<u>X</u>	tire swings	_____	tables	_____
rigid climbers	<u>X</u>	seesaws	_____	fountains	<u>X</u>
flexible climbers	_____	slides	_____	bike racks	_____
decks / platforms	<u>X</u>	rigid climbers	_____	signs	_____
play panels	<u>X</u>	flexible climbers	_____	litter barrels	<u>X</u>
talk tubes	_____	upper body eqpt	_____	fencing	_____
slides	<u>X</u>	rocking eqpt	_____	other	_____
sliding poles	_____	whirl	_____	other	_____
horizontal ladders	_____	*sand play area	<u>X</u>		
horizontal rings	_____	backhoe digger	_____		
track rides	_____	play panels	_____		
crawl tunnels	_____	other	_____		
* suspension bridges	_____	other	_____		
ramps	<u>X</u>				
transfer stations	<u>X</u>				
roofs	_____				
other	_____				
other	_____				

*** REQUIRES REPAIRS**

**TENAFLY BOROUGH PARK DISTRICT
INSPECTION FREQUENCY FORM**

SOURCE: Playground Safety is No Accident

Site: WALNUT PARK

Completed By: G. DEBLASIO

Date: APRIL 13, 2012

FACTORS	SCORE
A. Use Factors (30 points)	
1. Vandalism: (high = 10; moderate = 5; low = 2)	2
2. Use Level: (high = 10; moderate = 5; low = 2)	10
3. Design Age: (preschool age 2-5 = 2; school age 5-12 = 4; all ages 2-12 = 10)	10
Subtotal Use Factors	22

B. Materials (34 points)	
1. Resilient Surfacing: (loose materials = 12; synthetic materials = 2)	12
2. Primary Material: (wood/painted steel = 4; plastic/alum/galvanized steel = 2; stainless = 0)	2
3. Equipment: (moving = 6; static = 2; both = 6)	2
4. Age of Eqpt: (1-2 yrs = 0; 3-4 yrs = 3; 5-9 yrs = 6; 10-14 yrs = 9; >15 yrs old = 12)	12
Subtotal Materials	28

C. Environmental Factors (36 points)	
1. Acid Soils / Rain / pH: (none 6-9 = 0; moderate 4, 5, 10, 11 = 4; high 1-3, 12-14 = 8)	4
2. Salt Air / Coastal Exposure: (none = 0; moderate = 4; high = 8)	N/A
3. Sun Exposure: (none = 0; moderate = 4; high = 8)	8
4. Drainage: (underground = 0; moist surface = 4; seasonal flooding = 8; standing water = 12)	4
Subtotal Environmental Factors	16

Site Total (100 points)	44
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KEY TO INSPECTION FREQUENCY CHART		
POINTS	HIGH FREQUENCY INSPECTIONS	LOW FREQUENCY INSPECTIONS
> 71	2 or more times per week	2-3 Times per month
56-70	Weekly	Monthly
41-55	Bi-Weekly	Bi-Monthly
<40	Monthly	Seasonal

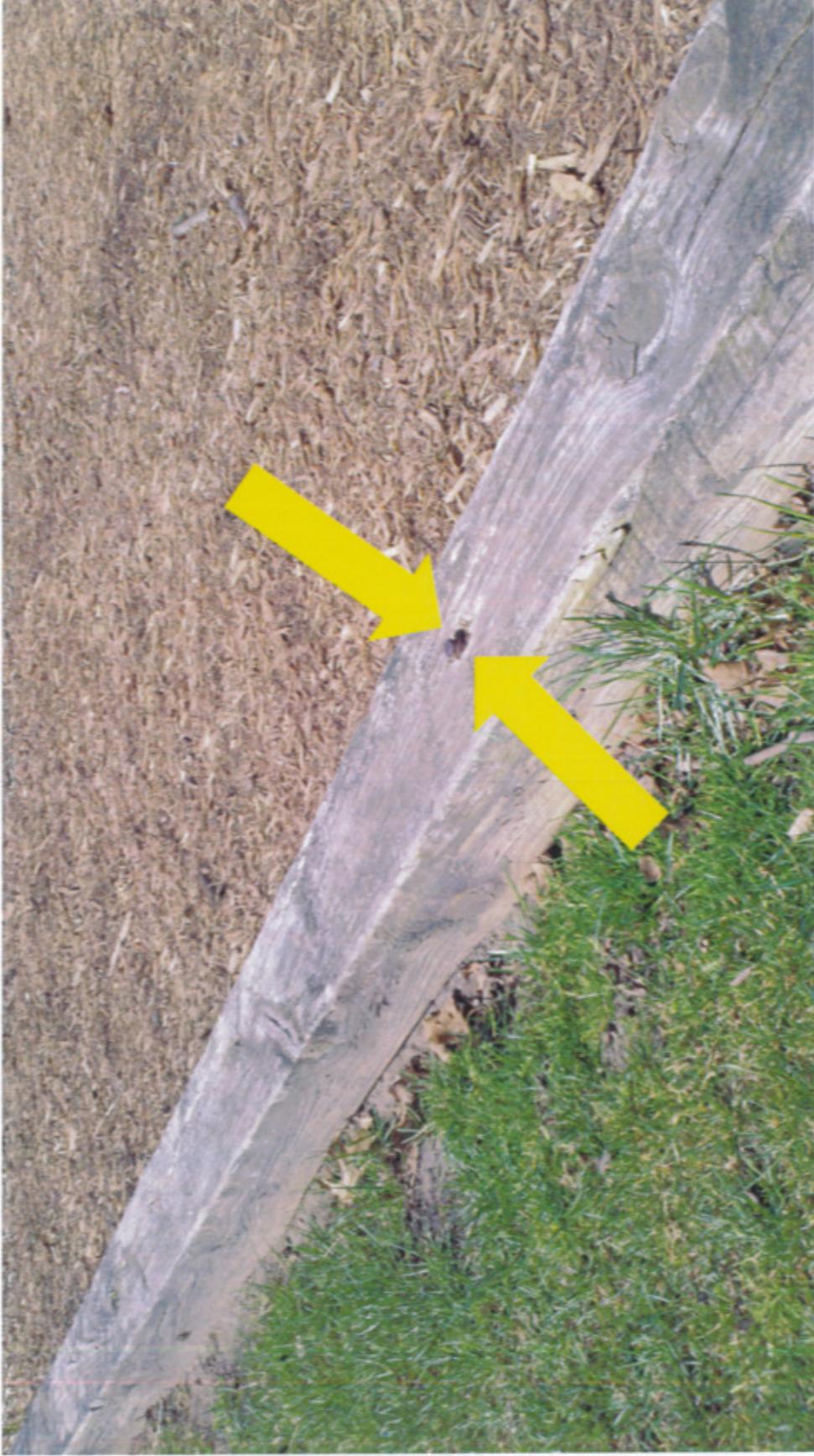
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WALNUT PARK



CONTROL RUST AND CORROSION TO AVOID STEP UP FROM BREAKING WHEN A CHILD IS CLIMBING TO PLATFORM

WALNUT PARK



RESET STEEL BARS TO AVOID PUNCTURE INJURY

WALNUT PARK



ELEVATE SOIL AROUND STRUCTURE TO AVOID EXPOSED FOOTING

WALNUT PARK



REMOVE, REPLACE, OR REPAIR – SAFETY ISSUES

WALNUT PARK



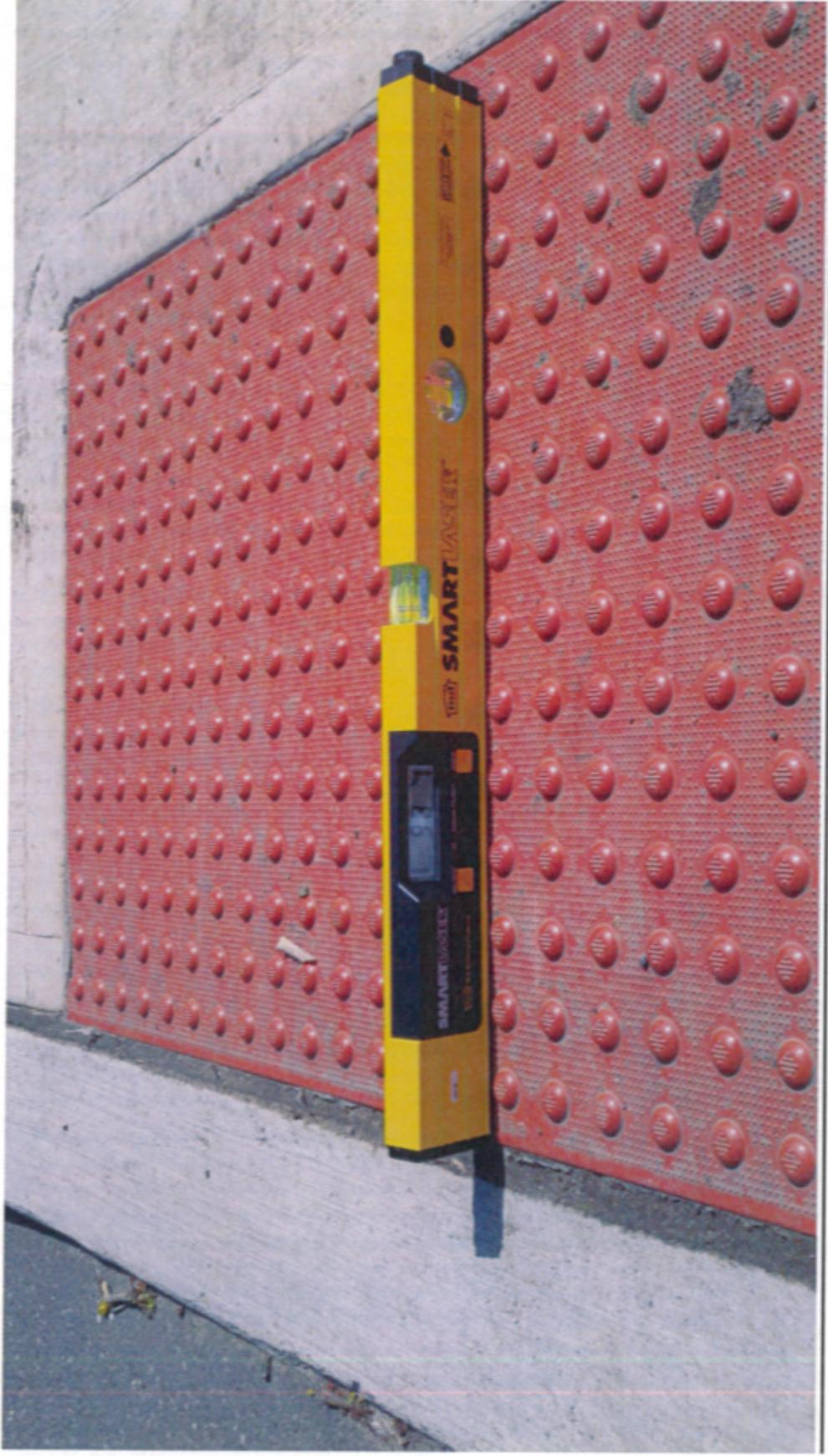
DAMAGED, SAND IN POOR CONDITION WITH LITTLE MAINTENANCE – REPAIR OR REMOVE

WALNUT PARK



NO CONNECTIVE LINK OR HANDICAP ACCESS

WALNUT PARK



RAMP EXCEEDS ADA STANDARDS

REPAIRS AND MODIFICATIONS

1. The walkway and ramp should be removed and replaced.

The cost would be approximately \$5,500.

2. Replace seat on sandbox.

The cost would be approximately \$475.

3. The water fountain does not comply with ADA Standards.

The cost would be approximately \$3,500.

4. The cladder bridge must be repaired to avoid injury. The chain must be tightened.

The cost would be approximately \$400.

5. The inlet structure requires that soil be placed around the structure to avoid injury. The concrete slab with exposed steel rebar should be removed, replaced and repaired.

The cost for modification, repairs and materials would be approximately \$1,200.

6. Creation of a handicap parking stall with appropriate signage, adjacent to the handicap ramp.

The cost would be approximately \$2,900.

CONCLUSION

Due to the recent expenditure, this facility does offer ample opportunities and would become compliant if the above suggested repairs and modifications are addressed. We estimate that the repair cost for Walnut Park to be approximately \$13,975. This park is well worth the investment to the community and will avoid litigation issues.

SUMMATION

All of the recreational facilities within the Borough of Tenafly have accessibility route problems in regard to compliance with the Americans with Disabilities Act. We have provided suggestions and costs on how to improve these facilities and make them ADA compliant.

The only playground we believe that should be totally reconstructed is Froggy Park. We have based that decision on:

- Use within the neighborhood;
- Conditions of the park;
- Age/condition of the playground equipment;
- Potential hazards (many dead trees on-site), and
- Access and past maintenance of facility.

Also enclosed within this report is an outline for potential new equipment layout, prospective view of equipment and an equipment cost estimate. We have also made several recommendations which should be addressed to avoid injury or litigation to the site which must be addressed.

The Borough has a great diversity of recreation to offer its community. It is our hope that the Borough moves forward with the needed site modifications. We believe that it is in the best interest of the community.