

FOUNDATION FIELDS EXISTING CONDITIONS

Basic Site Description and Location

Foundation Field is located behind the Portsmouth Public Works Facility off of Peverly Hill Road. This site is considered to be in the primary industrial district making it easily accessible by many.



Facilities and Amenities Provided

The site has no defined playing fields but it does possess a manmade pond. There is a gravel road connecting this site to Campus Drive surrounded by wetlands which also act as a barrier between the open space and the Foundation for Seacoast Health building.

Summary of Existing Conditions / Specific Issues of Concern

Foundation Field is a reclaimed, former quarry. The site is relatively level and a large portion of the site is covered with wetlands. The pond on the northwest side of the property is not considered a wetland because it is manmade, there for can be adjusted if needed. The site has implied connections to other areas of the property including a dirt road leading to a field and small parking lot on Banfield Road and trails connecting to an existing trail system within the wetlands. The shape of the property provides adequate space for field layouts that can properly fit.



FOUNDATION FIELDS PROPOSED

Recommended Field Complex

The recommended master plan for Foundation Field proposes to renovate the entire lot (compared to existing) with major alterations. Installing the layouts of regulation size soccer fields, parking and a maintenance building will make use of the developable land given and keep the existing connections to adjacent sites.



Recommendations Summary

- Grade and level the entire site.
- Relocate a portion of the drainage basin (manmade pond)
- Construct three 360' x 225' regulation size soccer fields with high performance root zone mix.
- Construct one 210' x 120' U10 soccer field with high performance root zone mix.
- New bit concrete entrance road leading to a parking area with 231 spaces.
- New bit concrete road leading from parking area to Campus drive with 90 road side parking spaces.
- New concession/ restroom building between parking and U10 field
- New bit concrete access road leading from the site to the fields on Banfield Road.
- Series of walking paths connecting the parking, fields and access road.
- Proposed trail system that connects to existing.
- Loam and seed remaining lawn area.
- The new layout will add approximately 3.5 fields to the city's inventory.

Cost Considerations

The pre-design program Budget Summary included below is an example estimate and identifies the initial breakdown of costs associated with the planned program. All costs have been rounded and are estimated based on our previous experience.

Park Improvement Element	Budget Cost	Notes
Contractor's General Conditions	\$300,000	
Site Preparation/ Utility Services	\$100,000	
Rough Grading	\$280,000	
Soccer Parking Area	\$800,000	
Soccer Fields	\$2,925,000	3 full size- synthetic turf and 1 U10 - natural turf
Sports Field Lighting	\$650,000	
Service Road	\$180,000	Main service drive between field areas
Trails	\$750,000	Includes potential boardwalk within wetlands
Park Support Building	\$250,000	Restroom, storage and concessions
Subtotal	\$5,935,000	
Design, Engineering, Testing and Survey	\$712,200	
Contingency (10%)	\$593,500	
Grand Total	\$7,540,700	

FOUNDATION FIELDS



PROPOSED FOUNDATION FIELDS



STUMP DUMP SITE EXISTING CONDITIONS

Basic Site Description and Location

The Stump Dump Site is a 5 acre lot located off of route 33 (Middle Road). This site used to be designated for dumping stumps but has recently been used by a company contracted by the city for storing materials and equipment while they work on an ongoing city sewer separation project. An abandoned rail corridor runs along the west side of the lot. This corridor is in the process of becoming the Hampton Branch Trail system, a 3.6 mile multiuse trail through Portsmouth.



Facilities and Amenities Provided

The site has no defined playing fields but is used to store equipment and materials for the city's sewer separation project.

Programmed Uses

- Storage for materials and equipment

Summary of Existing Conditions / Specific Issues of Concern

The Stump Dump lot is meeting the needs of the city of Portsmouth, but not in a recreational setting. The property's topography is constantly changing due to the altering needs of different areas on site. Once the sewer project is completed, Albanese has agreed to rough grade the site to a depth of 12" and install a drainage system prior to vacating the property. This will give the city a good base for a multi-purpose field with parking. Past studies have shown that this site is not opportune for a baseball or softball field, due to size and orientation. Primary issues of concern are summarized as follows:

- Space is not being utilized to its full advantage.
- The shape of the property provides limits of field layouts that can properly fit.
- The access from route 33 may make field entrance difficult.
- Overall site drainage.

STUMP DUMP SITE PROPOSED

Recommended Field Improvements

The recommended master plan for the Stump Dump site has renovated the entire lot (compared to existing) with major alterations. Installing the layout of a regulation size soccer field, parking and a maintenance building will make use of the irregular shape of the lot and provide another athletic field in the city.

Recommendations Summary

- Construct a 360' x 210' regulation size soccer field with synthetic turf.
- New bituminous concrete entrance road leading to a parking area with 78 spaces.
- Entrance road to have 21 road side parking spaces.
- New maintenance building off entrance road for field equipment.
- Loam and seed remaining lawn area.
- Open connection to future Hampton Branch Trail System.
- The new layout will add 1 field to the city's inventory.



Cost Considerations

The pre-design program Budget Summary included below is an example estimate and identifies the initial breakdown of costs associated with the planned program. All costs have been rounded and are estimated based on our previous experience.

Park Improvement Element	Budget Cost	Notes
Contractor's General Conditions	\$90,000	
Site Preparation	\$50,000	
Fine Grading	\$50,000	
Parking Area	\$300,000	
Soccer Field w/ Synthetic Turf	\$886,000	1 full size field
Sports Field Lighting	\$350,000	
Remaining Lawn	\$60,000	
Support Building	\$100,000	Restroom, storage
Subtotal	\$1,796,000	
Design, Engineering, Testing and Survey	\$215,520	
Contingency (10%)	\$179,600	
Grand Total	\$2,281,120	

STUMP DUMP SITE



PROPOSED STUMP DUMP SITE



ATHLETIC FIELD COMPLEX EXISTING CONDITIONS

Basic Site Description and Location

The Athletic Field Complex is located off of Andrew Jarvis Drive. 8.7 acres of the site is being utilized for athletic fields. The property is surrounded by commercial, residential and conservation land. Due to its central location and close proximity to Route one and a large shopping area, the site is described by many as the most used overall complex in Portsmouth and is highly sought after by user groups.

Facilities and Amenities Provided

The image to the right breaks the site into three different areas. Area 1 contains a 360' x 180' multiuse field used for soccer and lacrosse and a 90' softball diamond. Area 2 contains a 90' baseball diamond and a 270' x 150' multiuse field. Area 3 contains a 290' x 190' irregularly shaped multiuse/ football practice field. Other recreational amenities provided at the complex are a 360' x 165' football field newly renovated with synthetic turf, a ropes course and four tennis courts. Additional lawn area is maintained surrounding many of these field, but is not being utilized to its full potential.



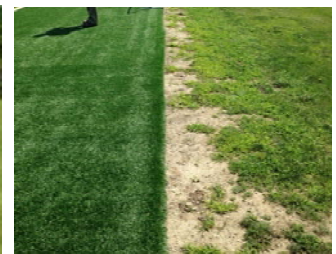
Programmed Uses

- Portsmouth City Soccer Club (Youth)
- Portsmouth Youth Football (Youth)
- PHS Girls & Boys Soccer
- Portsmouth Co-ed Softball (Adult)
- PHS Softball
- PHS Baseball
- Portsmouth Co-ed Soccer (Adult)
- PHS Girls & Boys Lacrosse
- PHS Field Hockey

Summary of Existing Conditions / Specific Issues of Concern

The Athletic Field Complex meets many of the needs of the City of Portsmouth, but it is not being used for its full potential. Many fields are being over used by multiple user groups. This use is expanded by the athletic lighting, allowing the fields to be used into the night. The constant overuse is developing issues with the natural turf. Primary issues of concern are summarized as follows:

- Space is not being utilized to its full advantage.
- To a large extent, turf conditions are poor to fair.
- Unrestricted pedestrian movement impacts turf quality in various locations.
- The practice field is used for all sports creating difficult conditions for turf to become established.
- The running track is in poor condition.
- Overall site drainage.



ATHLETIC FIELD COMPLEX PROPOSED

Recommended Field Improvements

The recommended master plan for PHS Field Complex provides similar facilities (compared to existing) with slight alterations. Reconfiguring and enlarging the multiuse field provides opportunity to diversify the user groups and meet all dimensional standards for each sport. The replacement of natural turf with synthetic turf will extend the life of the fields and provide a more durable and safe playing surface and enhance athletic performance. Synthetic turf will also allow for extended use in conjunction with existing athletic field lighting.



Recommendations Summary

Area 1:

- Re-construct and enlarge the multiuse field with synthetic turf. The field will be 490' x 360'.
- Relocate the above ground drainage to become a subsurface system to provide more playing area.
- Re-construct the 90' softball diamond with synthetic turf in the outfield and sand colored synthetic turf in the infield. The outfield to be shared with the multiuse field.

Area 2:

- Re-construct the 90' baseball diamond with synthetic turf in the outfield to meet the infield mix. The infield to be renovated with high performance root zone mix. The outfield to have a removable fence to accommodate the soccer field.
- Re-construct a 330' x 160' multiuse/ lacrosse field with synthetic turf. Field to be located in the outfield of the baseball diamond.

Area 3:

- Re-construct the practice football field with synthetic turf. Define the irregular shape to fit 250' x 160'.

General:

- Running track should be refurbished or replaced.

Cost Considerations

The pre-design program Budget Summary included below is an example estimate and identifies the initial breakdown of costs associated with the planned program. All costs have been rounded and are estimated based on our previous experience.

Park Improvement Element - Area 1	Budget Cost	Notes
Contractor's General Conditions	\$165,000	
Site Preparation	\$240,800	
Rough Grading	\$100,000	
Synthetic Turf System	\$2,150,000	1 multipurpose field & 1 softball field (including infield)
Drainage System	\$50,000	
Backstop, Fencing, Doughnuts, 1B Plate, Bases	\$40,000	
Subtotal	\$3,105,800	
Design, Engineering, Testing and Survey	\$184,000	
Contingency (10%)	\$170,580	
Grand Total	\$4,060,380	

Park Improvement Element - Area 2	Budget Cost	Notes
Contractor's General Conditions	\$75,000	
Site Preparation	\$150,000	
Rough Grading	\$120,000	
Synthetic Turf System	\$950,000	1 lacrosse/ multiuse field & the outfield of the baseball field
Infield Mix, IZM, Seed	\$20,000	
New Plate, Pitching Rubber, Bases, Removable Fence	\$25,000	
Drainage System	\$20,000	
Subtotal	\$1,360,000	
Design, Engineering, Testing and Survey	\$151,800	
Contingency (10%)	\$126,500	
Grand Total	\$1,638,300	

Park Improvement Element - Area 3	Budget Cost	Notes
Contractor's General Conditions	\$30,000	
Site Preparation	\$45,000	
Rough Grading	\$30,000	
Synthetic Turf System	\$450,000	One 250' x 160' football practice field
Drainage System	\$15,000	
Subtotal	\$570,000	
Design, Engineering, Testing and Survey	\$60,000	
Contingency (10%)	\$54,500	
Grand Total	\$684,500	

PROPOSED ATHLETIC FIELD COMPLEX



DONDERO FIELD EXISTING CONDITIONS

Basic Site Description and Location

Dondero Field is located in front of the Dondero School off of Van Buren Avenue. The existing site utilizes 1.2 acres of the 19 acre site for athletic fields. Dondero Field is bordered by residential areas, a wetlands and the Dondero School.

Facilities and Amenities Provided

The site contains one 300' x 175' multiuse field, being utilized for soccer of all ages and lacrosse. This field was once used for little league as well but has since had the diamond removed, leaving the backstop behind. The field sits low to surrounding topography to use it as a hockey rink in the winter.

Programmed Uses

- Portsmouth City Soccer Club (Youth)
- Seacoast Lacrosse (Youth)
- Summer Recreation Programs (Youth)



- Unsanctioned/informal uses by a variety of youth sports programs

Summary of Existing Conditions / Specific Issues of Concern

Dondero Field meets all dimensional standards for use as a U12 soccer field and below, but falls short for the standards of a lacrosse field and a full sized soccer field. Due to the close proximity of the wetlands, the field will easily flood if not drained properly. Primary issues of concern are summarized as follows:

- Amount of play is limited by daylight
- Space is not being utilized to its full advantage
- To a large extent, turf conditions are poor to fair.
- Unrestricted pedestrian movement impacts turf quality in various locations.
- A portion of the existing playground may require relocation.
- The random structures still left in the open field from past uses.
- Poor overall site drainage.



Recommended Field Improvements

The recommended master plan for Dondero Field provides similar facilities (compared to existing) with slight alterations. Reconfiguring and enlarging the field provides opportunity to diversify the user groups and meet all dimensional standards for each sport.



Recommendations Summary

- Re-construct and enlarge multiuse field. The field is to be a 475' x 230' field constructed with high performance root zone mix.
- Infill and lift grade for proper drainage.
- Remove existing play structures in the smaller play area to accommodate for a larger field.
- Relocate existing play structures in the main playground to properly fit in the new designated play area. Enclose playground with chain link fence.
- Remove old backstop.

Cost Considerations

The pre-design program Budget Summary included below is an example estimate and identifies the initial breakdown of costs associated with the planned program. All costs have been rounded and are estimated based on our previous experience.

Park Improvement Element	Budget Cost	Notes
Contractor's General Conditions	\$25,000	
Site Preparation	\$110,000	
Rough Grading	\$120,000	
Relocated Play Area	\$5,000	
Multiuse Field	\$250,000	465' x 230' Field w/ RZM
Subtotal	\$485,000	
Design, Engineering, Testing and Survey	\$58,200	
Contingency (10%)	\$48,500	
Grand Total	\$616,700	

DONDERO FIELD



PROPOSED DONDERO FIELD



LITTLE HARBOR FIELD EXISTING CONDITIONS

Basic Site Description and Location

Little Harbor Field is located between Brackett Road and Clough Drive. It sits in front of the Little Harbour Elementary School and shares space with a large parking lot. Of the 17.6 acre property, .76 acres is being used for athletic fields. Little Harbor Field is surrounded by residential areas and is located one street over from Clough Field. Due to its relation to the Little Harbour Elementary School, the site is easily accessed by users and is provided with ample parking for visitors.



Facilities and Amenities Provided

The site has no defined playing fields but is used as two to three U8 soccer fields towards the parking area. The area closest to Brackett Road is not being used due to the above ground drainage that runs horizontal.

Programmed Uses

- Portsmouth City Soccer Club (Youth)
- Portsmouth Co-ed Soccer (Adult)
- Portsmouth Youth Soccer (Youth)
- Summer Recreation Programs (Youth)
- Unsanctioned/informal uses by a variety of youth sports programs

Summary of Existing Conditions / Specific Issues of Concern

Little Harbor Field is meeting minimal needs of the City of Portsmouth and is not being used to its full potential. The strip of field along the parking lot is being over used to avoid playing in the open drainage areas. The turf is getting wore down to the sub surface while the other half of the field is being over watered due to poor grading. Primary issues of concern are summarized as follows:

- Space is not being utilized to its full advantage.
- Lack of defined field layouts.
- Fields are not meeting regulation sizes.
- To a large extent, turf conditions are poor to fair.
- Turf is a mix of all types of grass/ crab grass mixes.
- Field is always wet.
- Unrestricted pedestrian movement impacts turf quality in various locations.
- Poor overall site drainage.



Recommended Field Improvements

The recommended master plan for Little Harbor Field has similar facilities (compared to existing) with slight alterations. Reconfiguring and enlarging the multiuse field provides opportunity to increase the user groups and meet all dimensional standards for each field.



Recommendations Summary

- Re-construct and enlarge the multiuse field with high performance root zone mix.
- Layout new 240' x 140' U12 soccer field.
- Remove the overgrown retention basin/inlet and install a subsurface system to expand the playing area and utilize the space to the fullest potential. This relieves the fields along the parking lot from being overused.
- Regrade fields to allow for proper drainage.
- Realign the parking lot to allow space for the U8 fields. Existing driving lane is wider than it has to be. Align a consistent 24' wide, two way driving lane.

Cost Considerations

The pre-design program Budget Summary included below is an example estimate and identifies the initial breakdown of costs associated with the planned program. All costs have been rounded and are estimated based on our previous experience.

Park Improvement Element	Budget Cost	Notes
Contractor's General Conditions	\$15,000	
Site Preparation	\$80,000	
Rough Grading	\$50,000	
Drainage System	\$10,000	
U10 Soccer Field	\$50,000	210' x 120'
Multiuse Field	\$80,000	Four 105' x 75' fields
Parking Alignment	\$10,000	
Subtotal	\$280,000	
Design, Engineering, Testing and Survey	\$33,600	
Contingency (10%)	\$28,000	
Grand Total	\$356,600	

PROPOSED LITTLE HARBOR FIELDS



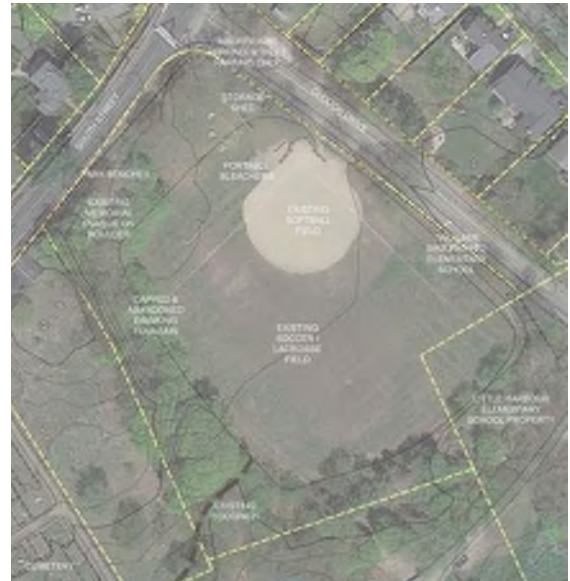
CLOUGH FIELD EXISTING CONDITIONS

Basic Site Description and Location

Clough Field is located on the corner of South Street and Clough Drive, with 2.1 acres of the 3.1 acre site being utilized for athletic fields. Clough Field is bordered by residential areas, a cemetery and the Little Harbour Elementary School.

Facilities and Amenities Provided

The site contains one 60' diamond softball field, with the outfield being utilized for a U12 soccer field (220' x 150'). The orientations of these fields overlap dramatically which causes a large portion of the soccer field surface to be skinned infield mix.



Programmed Uses

- Portsmouth City Soccer Club (Youth)
- Portsmouth Co-ed Softball (Adult)
- Seacoast Lacrosse (Youth)
- New Hampshire Sports & Social Club Seacoast Division (Adult)
- Portsmouth Co-ed Soccer (Adult)

Summary of Existing Conditions / Specific Issues of Concern

Clough Field meets all dimensional standards of a 60' softball diamond and possesses sufficient foul territory on both sides of the field. To provide maximum flexibility, the field is absent of outfield fencing, which permits the marking out of the soccer field across its outfield for other programmed uses. The site drains to two main swales that run along the northeast and southwest sides of the softball field. Primary issues of concern are summarized as follows:

- Backstop fencing is in fair condition.
- There are no foul poles.
- Amount of play is limited by daylight
- To a large extent, turf conditions are poor.
- Turf is largely made up of a mix of lawn types, weeds and crab grasses.
- No sufficient parking, only street side parking.
- Location of the softball field creates small unused, areas. Softball orientation is not ideal.
- Poor overall site drainage.



Recommended Field Improvements

The recommended master plan for Clough Field provides similar facilities (compared to existing) with slight alterations. Reconfiguring the location of the softball field allows for additional area in the back of the site to fit a larger multiuse field. This new field layout would eliminate the current hazards caused by overlapping fields and infield mix.



Recommendations Summary

- Re-constructed and relocate the 60' softball diamond with high performance root zone mix.
- Renovate 265' x 220' multiuse field with high performance root zone mix.
- The grading of the new fields would generally match existing conditions and ensure positive flow of storm water to edges. Infields would be elevated slightly to direct storm water to adjacent areas and sub drainage systems added as budgets permit to allow for quicker use of facilities after storm events.
- Relocate existing maintenance shed to behind the backstop.
- Remove and dispose existing abandoned drinking fountain.

Cost Considerations

The pre-design program Budget Summary included below is an example estimate and identifies the initial breakdown of costs associated with the planned program. All costs have been rounded and are estimated based on our previous experience.

Park Improvement Element	Budget Cost	Notes
Contractor's General Conditions	\$20,000	
Site Preparation	\$85,000	
Rough Grading	\$50,000	
Softball Field	\$100,000	60' diamond
Multiuse Field	\$100,000	260' x 215' field
Subtotal	\$335,000	
Design, Engineering, Testing and Survey	\$40,200	
Contingency (10%)	\$33,500	
Grand Total	\$428,700	

CLOUGH FIELD



HAVEN ROAD

INSUFFICIENT
PARKING. STREET
PARKING ONLY

STORAGE
SHED

CLOUGH DRIVE

SOUTH STREET

PARK BENCHES

EXISTING
MEMORIAL
PLAQUE ON
BOULDER

PORTABLE
BLEACHERS

EXISTING
SOFTBALL
FIELD

TWO LANE
BIKE PATH TO
ELEMENTARY
SCHOOL

CAPPED &
ABANDONED
DRINKING
FOUNTAIN

EXISTING
SOCCER /
LACROSSE
FIELD

LITTLE HARBOUR
ELEMENTARY
SCHOOL PROPERTY

EXISTING
FOOTPATH

CEMETERY

PROPOSED CLOUGH FIELD

