

REQUEST FOR BOARD ACTION

HENDERSON COUNTY BOARD OF COMMISSIONERS

MEETING DATE: April 21, 2010

SUBJECT: Parks and Recreation Maintenance Projects

ATTACHMENTS: Yes
1. PowerPoint

SUMMARY OF REQUEST:

Staff will update the Board on Parks and Recreation maintenance projects at existing Henderson County Parks. This update is a follow-up to questions on this issue from the Board's January planning workshop, and the survey of facilities completed by Staff.

BOARD ACTION REQUESTED:

No specific action is requested. Following discussion, the Board may direct Staff accordingly regarding any necessary action.

Suggested Motion:

No motion suggested.

Henderson County Parks and Recreation

2010-2011 Maintenance Projects



Projects By Park

At the Board of Commissioner's direction the following prioritizes the maintenance needs of Henderson County Parks and Recreation:

- Jackson Park
- Stoney Mountain Activity Center
- Etowah Park
- New Edneyville Park
- Old Edneyville Park
- East Flat Rock Park
- Dana Park
- Westfeldt Park

Maintenance Prioritization

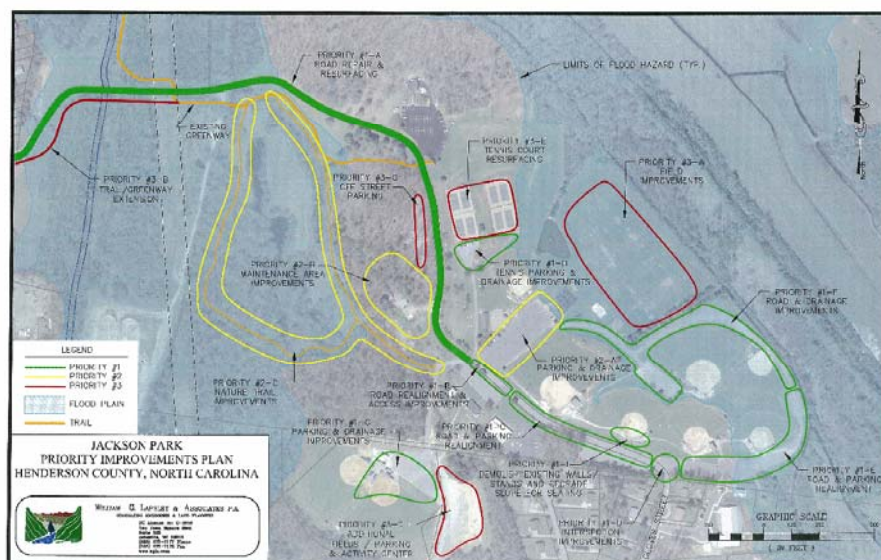
Not Capital Improvements

Repair and Maintenance Needs

(Similar to the Schools and Community College Repairs)

- Priority 1
 - Immediate repair needs due to deterioration, damage, age.
 - Safety priorities.
- Priority 2
 - Impending repair needs due to ongoing and future deterioration, damage, age.
 - Safety priorities.
- Priority 3
 - “Issues for the radar screen”

Jackson Park



Jackson Park - Priority 1 Road and Drainage improvements



1-F Area between soccer fields and ball fields
floods regularly--\$155,000.00



1-G Drainage and Parking area around fields 8 & 9

--\$20,000.00

1-H Drainage and parking around tennis courts

needs to be improved--\$45,000.00

Jackson Park - Priority 1 Road Repair and Resurfacing



1-A Full depth patching and resurfacing--\$120,000.00

1-B Road alignment and parking access improved to provide more efficient traffic flow and improve pedestrian safety--\$85,000.00

1-C Road and parking realigned along Glover Street to improve traffic flow and pedestrian safety--\$175,000.00

1-D Glover Street Intersection Improvements--\$35,000.00

1-E Parking and road realignment at Glover Street entrance--\$188,000.00

Jackson Park - Priority 1 Existing Walls, Stands and Seating

1-I--demolish existing wall and
regrade slope for seating

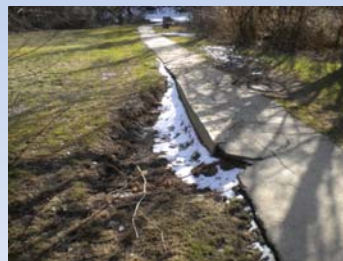


Jackson Park - Priority 2

2-B Maintenance area improvements, adding
restroom facilities for employees --\$95,000.00



2-A Parking and Drainage Improvements in Main
Parking area --\$95,000.00



2-C Nature Trail Repair and
Improvements --\$15,000.00

Jackson Park - Priority 3



3-A Soccer Field regraded and drainage improved --\$75,000.00

3-C Capitalize off-street parking at picnic area--\$35,000.00

3-E Tennis court repair and resurface -- \$60,000.00

Jackson Park Projects Priority 1

| Project ID | Project/Project Description | Project Budget |
|------------|--|------------------|
| 1-A | Road Repair & Resurfacing - From 4th Avenue entrance past office Road in this area will require some full depth patching and resurfacing | \$120,000 |
| 1-B | Road Realignment & Access Improvements Road alignment and parking access may be improved to provide more efficient traffic flow and improve pedestrian safety | \$85,000 |
| 1-C | Road/Parking Realignment - From main parking area to Glover Street entrance Road and parking may be realignment to improve traffic flow and pedestrian safety | \$175,000 |
| 1-D | Intersection Improvements - Glover Street entrance Intersection improvements at the entrance to the park | \$35,000 |
| 1-E | Road/Parking Realignment - From Glover Street entrance to the east Road and parking may be realignment to improve traffic flow and pedestrian safety | \$188,000 |
| 1-F | Road/Drainage Improvements - Area between soccer and ball fields This area needs to be evaluated since flooding is a regular occurrence and the road is damaged | \$155,000 |
| 1-G | Drainage/Parking Improvements - Fields 9 & 10 The drainage and parking area needs to be improved in this area | \$20,000 |
| 1-H | Tennis Parking and Drainage Improvements Drainage needs to be improved around the tennis courts and the parking area needs to be improved | \$45,000 |
| 1-I* | Demolish Existing Wall/Stands and Regrade Slope for Seating The existing walls in this area have failed and need to be removed and regraded | \$30,000 |
| 1-J | Planning, Engineering, Design, Permitting and Bid Assistance for Projects 1-A through 1-H | \$50,000 |
| | TOTAL PRIORITY 1 JACKSON PARK PROJECTS | \$903,000 |

Jackson Park Projects Priority 2

| Project ID | Project/Project Description | Project Budget |
|------------|--|------------------|
| 2-A | Parking and Drainage Improvements - Main parking area | \$95,000 |
| | The existing parking area may be improved to provide more efficient traffic flow and provide drainage improvements | |
| 2-B | Maintenance Area Improvements | \$95,000 |
| | The maintenance area needs to be improved/expanded and a building with restroom facilities are needed | |
| 2-C | Nature Trail Repair and Improvements | \$15,000 |
| | The existing nature trail in Jackson Park needs to be widened, resurfaced and relocated in some areas | |
| | TOTAL PRIORITY 2 JACKSON PARK PROJECTS | \$205,000 |

Jackson Park Projects Priority 3

| Project ID | Project/Project Description | Project Budget |
|------------|---|--------------------|
| 3-A | Soccer Field Improvements | \$75,000 |
| | Field needs to be regraded and leveled, drainage improved and irrigation need to be provided | |
| 3-B | Trail/Greenway Improvements | \$37,500 |
| | Construct a trail/greenway from 4th Avenue to the existing greenway trail to provide improved pedestrian access | |
| 3-C | Off-street parking at picnic area | \$35,000 |
| | Off-street parking is needed at the picnic area | |
| 3-D | Tennis Court Repair/Resurfacing | \$60,000 |
| | Upper tennis court requires repair and resurfacing | |
| 3-E | Planning for Area Adjacent to Fields 9 & 10 | \$15,000 |
| | This area could be utilized as additional fields, parking or an activity center | |
| 3-F | Sewer Extension to Main Park Office and Shelter at Picnic Area (not shown on map) | \$125,000 |
| | These two facilities in the Park still utilize septic systems for wastewater treatment and disposal | |
| | TOTAL PRIORITY 3 JACKSON PARK PROJECTS | \$347,500 |
| | TOTAL JACKSON PARK PROJECTS | \$1,455,500 |

Stoney Mountain Activity Center



Stoney Mountain Improvements



1-L-- Structural repairs and new metal roof--\$50,000.00



2-D Paving and Drainage Improvements at Stoney Mountain Activity Center --\$50,000.00

Stoney Mountain Activity Center Projects Priority 1 and 2

| Project ID | Project/Project Description | Project Budget |
|-------------------|---|------------------|
| Priority 1 | | |
| 1-L | Roof for Activity Center | \$50,000.00 |
| | Structural repairs and new metal roof for Activity Center | |
| | TOTAL PRIORITY 1 STONEY MOUNTAIN PROJECTS | \$50,000 |
| Priority 2 | | |
| 2-D | Paving and Drainage Improvements | \$50,000.00 |
| | Entrance and parking area requires drainage improvements and paving | |
| | TOTAL PRIORITY 2 STONEY MOUNTAIN PROJECTS | \$50,000 |
| | TOTAL STONEY MOUNTAIN PROJECTS | \$100,000 |

Etowah Park



Etowah Park



2-E Tennis Court repair at Etowah Park--
\$45,000.00

Etowah Park Projects Priority 2 and 3

| Project ID | Project/Project Description | Project Budget |
|-------------------|--|------------------|
| Priority 2 | | |
| 2-E | Tennis Court Repair | \$45,000 |
| | Drainage improvements and court repair/resurfacing | |
| | TOTAL PRIORITY 2 ETOWAH PROJECTS | \$45,000 |
| Priority 3 | | |
| 3-K | Lighting for Tennis Courts | \$17,500 |
| | Provisions for lighting at the Etowah Tennis Courts | |
| 3-M | Resurface Parking Area | \$60,000 |
| | Parking area need to be resurfaced and drainage provided | |
| | TOTAL PRIORITY 3 ETOWAH PROJECTS | \$77,500 |
| | TOTAL ETOWAH PROJECTS | \$122,500 |

New Edneyville Park



New Edneyville Park Projects Priority 3

| Project ID | Project/Project Description | Project Budget |
|------------|--|-----------------|
| 3-H | Paving for New Parking Lot | \$25,000 |
| | Need Parking area requires paving | |
| 3-L | Complete Playground Area | \$5,000 |
| | Complete proposed playground area and provide fencing as necessary | |
| | TOTAL PRIORITY 3 NEW EDNEYVILLE PROJECTS | \$30,000 |
| | TOTAL NEW EDNEYVILLE PROJECTS | \$30,000 |

Old Edneyville Park



Old Edneyville Park Projects Priority 3

| Project ID | Project/Project Description | Project Budget |
|------------|--|-----------------|
| 3-I | Planning for Connectivity | \$10,000 |
| | Study and plan ways to connect the Old Edneyville Park with the New Edneyville Community Center | |
| 3-N | Relocate Restrooms and Improve Drainage | \$16,000 |
| | The existing restrooms should be modified to improve the function of the park and drainage improvements are needed | |
| | TOTAL PRIORITY 3 OLD EDNEYVILLE PROJECTS | \$26,000 |
| | TOTAL OLD EDNEYVILLE PROJECTS | \$26,000 |

East Flat Rock Park



East Flat Rock Park Projects Priority 3

| Project ID | Project/Project Description | Project Budget |
|------------|---|----------------|
| 3-J | Planning for Handicap Accessible Playground | \$10,000 |
| | Study and planning is required for a handicap accessible playground at the park | |
| | TOTAL PRIORITY 3 EAST FLAT ROCK PROJECTS | \$10,000 |
| | TOTAL EAST FLAT ROCK PROJECTS | \$10,000 |

Dana Park



Dana Park Projects Priority 3

| Project ID | Project/Project Description | Project Budget |
|------------|---|----------------|
| 3-O | Remodel Existing Facility | \$9,200 |
| | The existing restrooms need to be brought up to code and the building painted | |
| | TOTAL PRIORITY 3 DANA PROJECTS | \$9,200 |
| | TOTAL DANA PROJECTS | \$9,200 |

Projects By Priority

At the Board of Commissioner's direction the following prioritizes the maintenance needs of Henderson County Parks and Recreation:

- Details of Priority 1 projects
- Details of Priority 2 projects
- Details of Priority 3 projects for Jackson Park
- Details of Priority 3 projects for all other parks
- Conclusion

Maintenance and Repair Projects

Priority 1

| Location | Project ID | Project Description | Project Budget |
|---|------------|---|------------------|
| Jackson Park | 1-A | Road Repair & Resurfacing - From 4th Avenue entrance past office Road in this area will require some full depth patching and resurfacing | \$120,000 |
| Jackson Park | 1-B | Road Realignment & Access Improvements Road alignment and parking access may be improved to provide more efficient traffic flow and improve pedestrian safety | \$85,000 |
| Jackson Park | 1-C | Road/Parking Realignment - From main parking area to Glover Street entrance Road and parking may be realignment to improve traffic flow and pedestrian safety | \$175,000 |
| Jackson Park | 1-D | Intersection Improvements - Glover Street entrance Intersection improvements at the entrance to the park | \$35,000 |
| Jackson Park | 1-E | Road/Parking Realignment - From Glover Street entrance to the east Road and parking may be realignment to improve traffic flow and pedestrian safety | \$188,000 |
| Jackson Park | 1-F | Road/Drainage Improvements - Area between soccer and ball fields This area needs to be evaluated since flooding is a regular occurrence and the road is damaged | \$155,000 |
| Jackson Park | 1-G | Drainage/Parking Improvements - Fields 9 & 10 The drainage and parking area needs to be improved in this area | \$20,000 |
| Jackson Park | 1-H | Tennis Parking and Drainage Improvements Drainage needs to be improved around the tennis courts and the parking area needs to be improved | \$45,000 |
| Jackson Park | 1-I* | Demolish Existing Wall/Stands and Regrade Slope for Seating The existing walls in this area have failed and need to be removed and regraded | \$30,000 |
| Jackson Park | 1-J | Planning, Engineering, Design, Permitting and Bid Assistance for Projects 1-A through 1-H | \$50,000 |
| Stoney Mountain | 1-L | Roof for Activity Center Structural repairs and new metal roof for Activity Center | \$50,000 |
| *Note that project 1-I should be incorporated into project 1-C due to proximity and coordination of improvements. | | | |
| Total Priority 1 | | | \$953,000 |

Maintenance and Repair Projects

Priority 2

| Location | Priority ID | Project Description | Project Budget |
|----------------------------------|-------------|---|------------------|
| Jackson Park | 2-A | Parking and Drainage Improvements - Main parking area | \$95,000 |
| | | The existing parking area improved to provide more efficient traffic flow and provide drainage improvements | |
| Jackson Park | 2-B | Maintenance Area Improvements | \$95,000 |
| | | The maintenance area needs to be improved/expanded and a building with restroom facilities is needed | |
| Jackson Park | 2-C | Nature Trail Repair and Improvements | \$15,000 |
| | | The existing nature trail in Jackson Park needs to be widened, resurfaced and relocated in some areas | |
| Stoney Mountain | 2-D | Paving and Drainage Improvements | 50,000 |
| | | Entrance and parking area requires drainage improvements and paving | |
| Etowah | 2-E | Tennis Court Repair | \$45,000 |
| | | Drainage improvements and court repair/resurfacing | |
| TOTAL PRIORITY 2 PROJECTS | | | \$300,000 |

Maintenance and Repair Projects

Priority 3

Jackson Park

| Location | Priority ID | Project Description | Project Budget |
|--------------|-------------|---|----------------|
| Jackson Park | 3-A | Soccer Field Improvements | \$75,000 |
| | | Field needs to be regraded and leveled, drainage improved and irrigation installed | |
| Jackson Park | 3-B | Trail/Greenway Improvements | \$37,500 |
| | | Construct a trail/greenway from 4th Avenue to the existing greenway trail to provide improved pedestrian access | |
| Jackson Park | 3-C | Off-street parking at picnic area | \$35,000 |
| | | Off-street parking is needed at the picnic area | |
| Jackson Park | 3-D | Planning for Area Adjacent to Fields 9 & 10 | \$15,000 |
| | | This area could be utilized as additional fields, parking or an activity center | |
| Jackson Park | 3-E | Tennis Court Repair/Resurfacing | \$60,000 |
| | | Upper tennis court requires repair and resurfacing | |
| Jackson Park | 3-F | Sewer Extension to Main Park Office and Shelter at Picnic Area (not shown on map) | \$125,000 |
| | | These two facilities in the Park still utilize septic systems for wastewater treatment and disposal | |

Maintenance and Repair Projects Priority 3 Edneyville, East Flat Rock, Etowah, Dana Parks

| New Edneyville | 3-H | Paving for New Parking Lot | \$25,000 |
|----------------------------------|-----|--|------------------|
| | | Need Parking area requires paving | |
| Old Edneyville | 3-I | Planning for Connectivity | \$10,000 |
| | | Study and plan ways to connect the Old Edneyville Park with the New Edneyville Community Center | |
| East Flat Rock | 3-J | Planning for Handicap Accessible Playground | \$10,000 |
| | | Study and planning is required for a handicap accessible playground at the park | |
| Etowah | 3-K | Lighting for Tennis Courts | \$17,500 |
| | | Provisions for lighting at the Etowah Tennis Courts | |
| New Edneyville | 3-L | Complete Playground Area | \$5,000 |
| | | Complete proposed playground area and provide fencing as necessary | |
| Etowah | 3-M | Resurface Parking Area | \$60,000 |
| | | Parking area needs to be resurfaced and drainage provided | |
| Old Edneyville | 3-N | Relocate Restrooms and Improve Drainage | \$16,000 |
| | | The existing restrooms should be modified to improve the function of the park and drainage improvements are needed | |
| Dana | 3-O | Remodel Existing Facility | \$9,200 |
| | | The existing restrooms need to be brought up to code and the building painted | |
| TOTAL PRIORITY 3 PROJECTS | | | \$500,200 |

Priority 3



Parks Maintenance and Repair Needs Assessment

- Priority 1 \$ 953,000
- Priority 2 \$ 300,000
- Priority 3 \$ 500,200
- Total \$ 1,753,200

Discussion and Questions

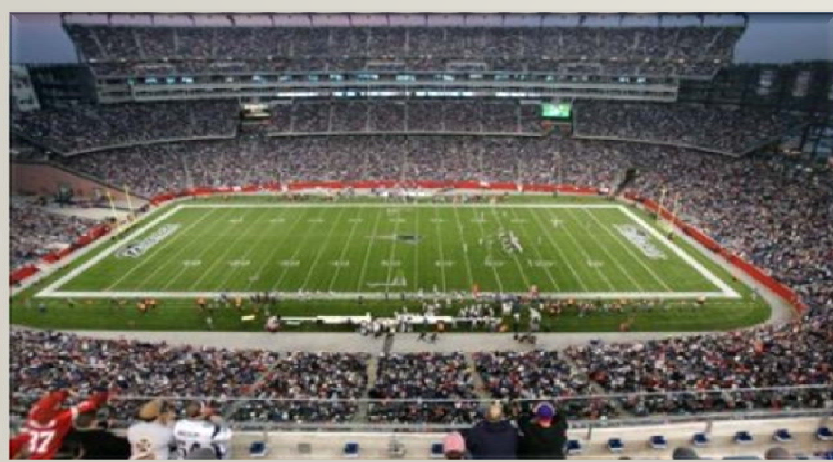
Thank you!

Artificial Turf Information

- Cost – average \$7.50/sq. ft.
- Includes installation, all site work, drainage system, sub base (6"-8" cut and build up) and the actual field mat
- Area big enough for soccer (multiple field sizes, regulation and modified) and football field. Area 270ft x 390 ft (105,300sq. ft.) = \$789,750.00



FIELDturf



Artificial Turf - Benefits

- 1 synthetic soccer field provides the usage of 4-5 grass fields.
- Life of a field is 10-15 years.
- Minimal maintenance (no mowing, irrigation, fertilization, aeration)
- Weather does not affect play.
- Can sustain play 24/7 (if lights are provided)
- Better and more true playing surface.
- Cost effective over time.

Artificial Turf – Deterrents

- High up front cost.
- Playing surfaces can be warmer than grass fields during hot weather.
- There is no place at Jackson Park that would not flood for a full size artificial field. There is space for 2 modified (U12) size fields near ball fields 8-9.