

11.09.15

City Council Meeting

Item 12: Presentation by Greenville Bicycle and Pedestrian Commission

Bicycle and Pedestrian Commission

2015 Annual Report

November 9, 2015

A Tribute to Harry Stubbs



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Technical Difficulties

- With three members departing the Commission this year, we have found it difficult to get a quorum; between May and October, the Commission was unable to meet.
- Reducing the number of seats on the commission will reduce the pressure on attendance.

May 2015 National Bike Month

Community Bike Ride with City Council members, May 2.



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May 2015 National Bike Month

- Community Bike Ride with City Council members, May 2
- Promotional spots on GTV 9 (Greenville City TV)
- Traffic Skills 101 Class, in partnership with ECU

4th Annual Bike and Pedestrian Counts

- **Two-Day Totals (from 2 locations: Evans & 5th; City Dog Park)**
 - 2012: 50 bicyclists, 91 pedestrians, 4 skateboarders/rollerbladers
 - 2013: 89 bicyclists, 1,168 pedestrians, 0 skateboarders/rollerbladers
 - 2014: 85 bicyclists, 1,013 pedestrians, 13 skateboarders/rollerbladers
 - **2015: 119 bicyclists, 1165 pedestrians, 20 skateboarders/rollerbladers**

North-South Bike Connector

- Central Greenville has no north/south routes that are not high-speed arterials.
- NCDOT's Evans-Old Tar Road project will include bicycle infrastructure from Winterville to Greenville Boulevard
- We need a connection from Greenville Boulevard to Uptown Greenville. Working with Public Works Division on a plan.

Sidewalk Plan Review

- Commission members investigated the Public Works schedule of priorities for sidewalk upgrades.
- Review still under way.
- Will advise Public Works on urgent needs for sidewalk and crosswalk upgrades.

2015 Advisory Roles

Members served on steering committees for:

- NCDOT (with City of Greenville and ECU) 10th Street Corridor study.
- Horizons Comprehensive Plan
- Non-Motorized Transportation Plan (formerly Bicycle and Pedestrian Master Plan) 5-year review.

2015 Advisory Roles

Commission continued to advise City and County staff on:

- Green Mill Run Greenway, Phase II
- South Tar River Greenway, Phase III
- Tar River Park
- Skateboard Park at Jaycee Park
- Alice F. Keene Park
- Other City and County Projects

2015 Concerns

The Commission is concerned about:

- **Green Mill Run Greenway, Phase II.** Not currently funded to reach Evans Park and J.H. Rose High School, as originally planned.
- **South Tar River Greenway, Phase III.** Not currently funded to reach Vidant Hospital and medical district, as originally planned.

2015 Highest Concern

Five Citizens Were Killed While Walking In Our City This Year.

Matthew Mayo October 18, E. 10th St.

Charles "Buddy" Pridgen October 7, S. Memorial

Ginna Ann Diehl September 18, 14th St.

Derrick Ray Staton July 25, S. Memorial

Timothy Eric Diaz May 18, Fire Tower Rd.

Others outside city limits. Others injured.

The Greenville Bicycle and Pedestrian Commission is positioned to provide input, attend meetings, and help transform City street improvements by proposing sharrows, bike lanes, and other improvements as feasible.

Item 13: Presentation and adoption of the Tar River Park Master Plan

2015



TAR RIVER PARK MASTER PLAN REPORT



GREENVILLE RECREATION AND
PARKS DEPARTMENT

Typical Neighborhood Park (5 – 15 Acres)



Neighborhood Park

- Approx. 13 Undeveloped Acres
- Off Leash Dog Park is 1 acres
- Serves Neighborhoods within $\frac{1}{2}$ radius

VICINITY MAP



TAR RIVER PARK



Neighborhood Park

- Walking distance to ECU
- TRUNA neighborhoods
- Existing Park Amenities

EXISTING AMENITIES



Planning Process

- 1). February 11, 2015, ECU SGA presented a disc golf proposal to the Recreation and Parks Commission.
- 2). Commission directed GRPD staff to complete the master plan.
- 3). Pubic Input Session – March 26, 2015
 - May 28, 2015
 - July 8, 2015, R & P Commission
- 4). Public Engagement – March 2015
 - Project Link on Webpage
 - Through Several social networks
 - Facebook, stakeholder blogs
 - Group webpages, etc.



New Park by the **Dog Park?**

It could happen! The City of Greenville is considering developing a new park on open land near the greenway and dog park.

First, we want your input. Please come to a public input session:

Thursday, March 26 from 6-8 p.m.
Center for Arts & Crafts at Jaycee Park
2000 Cedar Lane

For more information, please call 329.4242.
If you cannot make it, please email your input to lmorrison@greenvillenc.gov.

Project Goals

- 1). Determine the best use of the parkland; implement inclusive park elements.
- 2). Protect the site's natural resources and open space.
- 3). Address citizen's concerns, issues, and recommendations for park development.
- 4). Review and consider past studies, master plans, and future development.
 - Tar River Legacy Plan
 - Greenway Master Plan
 - Comprehensive Park Master Plan

Programming Sessions



Comments

This was the most desired program element because: (1) it is low maintenance, and a great way to preserve open space, and (2) It would be a low maintenance element and appeal to a wide range of users.

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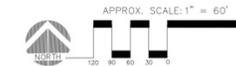
CONCEPT - A



LEGEND

- A** DISK GOLF COURSE - 9 HOLES
- B** RESTROOM FACILITIES
- C** INFORMAL OPEN SPACE / GREEN
- D** RIVER OVERLOOK
- E** KAYAK LANDING
- F** PICNIC SHELTER
- G** PLAYGROUND
- H** NEW PARKING AREA - 36 SPACES
- I** DOG PARK EXPANSION
- CITY OWNED PROPERTY LINE
- NEW SIDEWALK
- * NEW DOG PARK ENTRANCE
- EXISTING TREE
- NEW SCREENING

TAR RIVER PARK
GREENVILLE RECREATION & PARKS
APRIL 2015

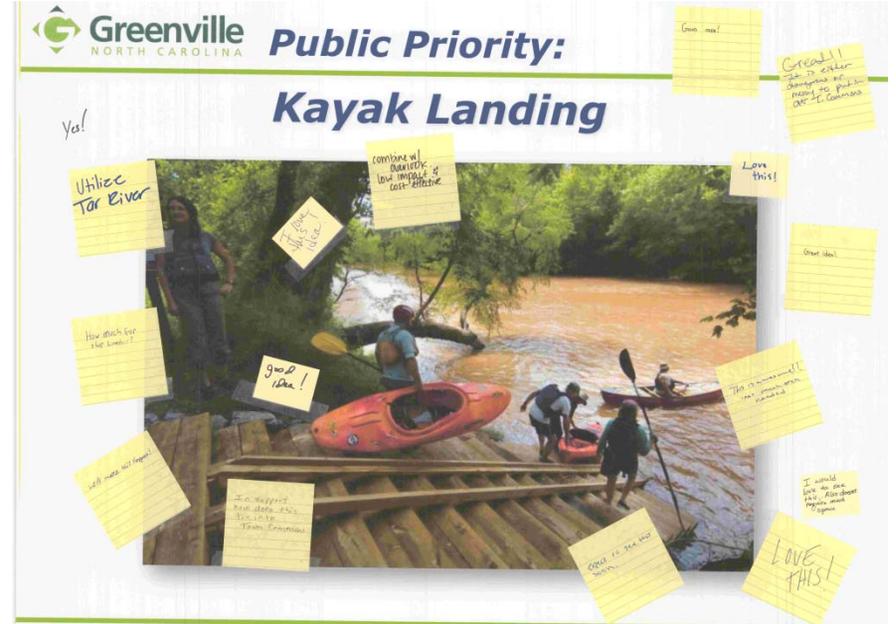


General Comments

- 1). Safety (for areas residents) will be an issue with more users coming to the proposed park.
- 2). Lack of parking is a major issue. Added amenities will only make it worse.
- 3). There is a perceived danger in disk golf and other users i.e. walkers/joggers, gardeners, dog park users etc. There needs to be a distinct separation / a buffer between disk golf and trail users.
- 4). The dog park should be expanded and additional amenities added.

General Comments

- 5). “Expand and exploit” river access. Consider thinning out underbrush and open views to the river.
- 6). A playground area is desirable, but should be located away from the river’s edge and close to restrooms.
- 7). Large open area should be kept natural with little development for multiple uses.



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Comments

The consensus from the attendees was that this program element is a great idea. Many felt that this would be a wonderful way to connect park users to the river. Combined with an overlook, a kayak landing would be a cost efficient way to provide access to the river.

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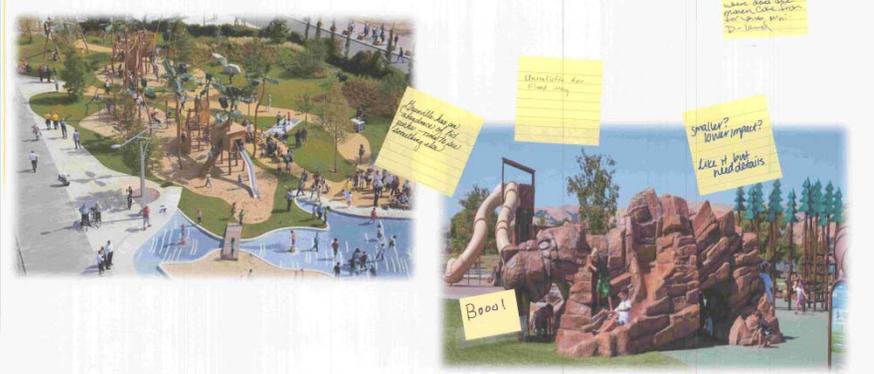
Comments

The attendees were unanimous in their support for a public restroom. This facility would serve many users including the South Tar River Greenway, and the off leash dog park, as well as users of future park elements. As the park grows and amenities are added, a restroom facility will be essential.



 **Public Priority:**

Adventure Playground



Are you challenging? Not sure if both are good ideas. When does the program take place and how often?

Don't like the color.

Are there any benches or shade? Benches are good.

Smaller? Would impact? Like it but need details.

Boat!

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Comments

Because the proposed park is in a neighborhood that primarily caters to college students, many attendees were against a playground as a park element. However, the Tar River Legacy Master Plan recommended a playground in this area, a request that was strongly supported by attendees of the public input sessions for that project.

TAR RIVER PARK
GREENVILLE RECREATION & PARKS
JUNE 2015

CONCEPT - B



LEGEND

- A** TRADITIONAL PLAYGROUND AREA
- B** ADVENTURE PLAYGROUND AREA
- C** NEW RESTROOM FACILITY
- D** RIVER OVERLOOK
- E** KAYAK LANDING
- F** PICNIC SHELTER
- G** TYPICAL PAD W/ PICNIC BENCHES
- H** INFORMAL PLAY AREA / EVENT SPACE
- I** DOG PARK EXPANSION
- J** NEW PARK AREA
- K** NATURAL MEADOW
- CITY OWNED PROPERTY LINE
- NEW SIDEWALK
- *** NEW DOG PARK ENTRANCE
- EXISTING TREE



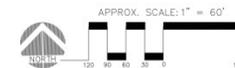
CONCEPT - C



LEGEND

- A NATURAL PLAY AREA
- B ADVENTURE PLAYGROUND
- C PICNIC SHELTER
- D KAYAK LANDING
- E DECKED OVERLOOK
- F OBSERVATION SHELTER
- G NATURAL MEADOW
- H PUBLIC RESTROOM
- I INFORMAL PLAY AREA / EVENT SPACE
- J DISK GOLF (HALF COURSE)
- K DOG PARK EXPANSION
- L NEW PARKING AREA
- CITY OWNED PROPERTY LINE
- NEW SIDEWALK
- ✳ NEW DOG PARK ENTRANCE
- EXISTING TREE

TAR RIVER PARK
GREENVILLE RECREATION & PARKS
JULY 2015



SCHEMATIC MASTER PLAN



1
SAND VOLLEYBALL



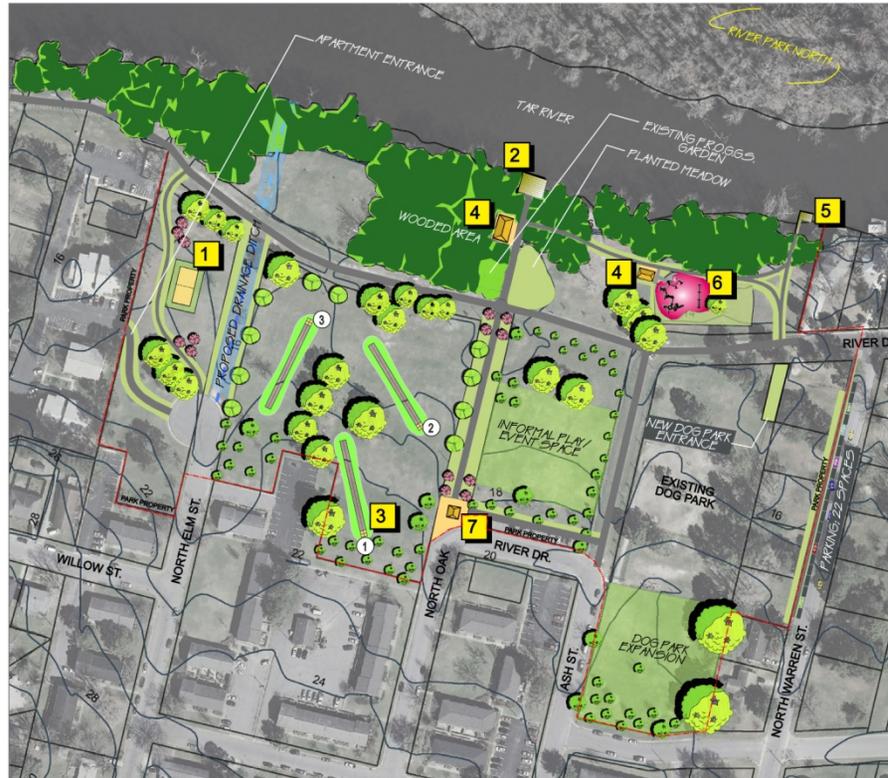
2
RIVER OVERLOOK



3
DISK GOLF



4
PICNIC SHELTER



5
KAYAK LANDING



6
ADVENTURE PLAYGROUND



7
RESTROOM FACILITY

LEGEND

-  EXISTING LARGE TREE
-  EXISTING MEDIUM - SMALL TREE
-  SPECIMEN TREE
-  NEW ORNAMENTAL TREE
-  NEW ASPHALT SIDEWALK



TAR RIVER PARK
GREENVILLE RECREATION & PARKS
OCTOBER 2015

SCHEMATIC MASTER PLAN DESCRIPTION

The Tar River Park Master Plan was developed as means for developing the project site into a neighborhood park that will provide access to the Tar River, protect and preserve open space, expand recreation facilities and opportunities, and improve the quality of life through leisure activities.

The Tar River Park Master Plan includes the following proposed activities that are further described in this section

1). SAND VOLLEYBALL COURT



Although it was not one of the highest ranking park elements, a sand volleyball court with nets and lines is proposed for the park. The park element is a low cost and low maintenance activity that has proven to be a popular amenity in other parks.

2). RIVER OVERLOOK



A river overlook was proposed as a preferred activity in the Tar River Legacy Plan. The public input sessions participants favored this park element as a means to gain access to the river for both passive and active recreational uses.

3). THREE HOLES – DISC GOLF



A three-hole disc golf course is proposed to provide users with an informal way to enjoy the sport as a recreational activity in the park. This course is ideal for avid users that want a convenient way to play a few holes or for those that are new to the sport and want to get familiar with disc golf before moving to a full course.

4). PICNIC SHELTERS



Two picnic shelters are proposed in the Tar River Park Master Plan. One 35' x 45' shelter will be located on an existing concrete pad in the existing F.R.O.G.G.S garden, and one 25'x 35' shelter adjacent to the playground area. The shelters will be equipped with site furnishings and amenities including grills and picnic tables.

5). KAYAK LANDING



A kayak landing will provide additional access to the Tar River. Kayakers can use the landing to dock their kayaks to rest along their journey or it can be used as a kayak put-in.

6). ADVENTURE PLAYGROUND



A playground will be provided at Tar River Park. The proposed playground will be located near the smaller picnic shelter. The playground will include areas for the 2-5 and 5 – 12 age groups.

7). RESTROOM FACILITY



With the proposed amenities and the inevitable popularity of the proposed park, restroom facilities will be essential. A small restroom facility with attached water fountains is planned for the park.

8). OFF-LEASH DOG PARK EXPANSION



The City's only off leash dog park is adjacent to undeveloped parkland. To address the growing popularity of this facility, an expansion to the existing off leash dog park is proposed on the one acre tract south of the existing dog park.

**MASTER PLAN PHASE - Tar
River Park Development**

IMPROVEMENT	COST
Buildings and Structures	
Restroom Building; 400 sq. ft, includes storage and custodial room.	\$60,000.00
Metal Shade structure, 45' x 25' structure with standing medal seam roof; included foundations and sealed structural drawings	\$58,000.00
Picnic Shelter, 35' x 25' structure with standing metal seam room; includes sealed structural drawings	\$38,000.00
Playground Areas (2-5 age group and 5-12 age group) / 4,225 sq. ft. with enclosure fencing	\$160,000.00
River overlook deck, 30' x 45' structure with concrete slats and 10" posts,	\$155,000.00
Kayak Landing: 18' x 24' easydock floating structure	\$35,000.00
Park Site Elements	
Sand volleyball court	\$3,500.00
Dog Park Expansion including fencing, seating and amenities	\$14,000.00
Asphalt Sidewalks, 9,626 sq. ft. @ \$5.00	\$28,878.00
Concrete plazas / pads, 4,936 sq. ft. @ \$5.00	\$24,680.00
Stripped Parking - 22 spaces , lump sum	\$3,500.00
Landscaping Allowance	\$6,300.00
Site Furnishing including benches, picnic tables and water fountains, and signage	\$8,000.00
Site Utilities	
Site Lighting and electrical work (allowance)	\$12,000.00
Site Drainage, water and sanitary sewer (allowance)	\$6,500.00
Subtotal	\$613,358.00
Engineering and Permitting	
Architectural / Engineering (4% of Construction)	\$24,694.00
Permitting and Approvals (Corps of Engineers, State, Local)	\$3,500
Project Contingency (5% of Construction During Master Plan Phase)	\$30,867
TOTAL	\$672,419.00

***NOTE: Disk golf course, and signage is by others and not part of estimate

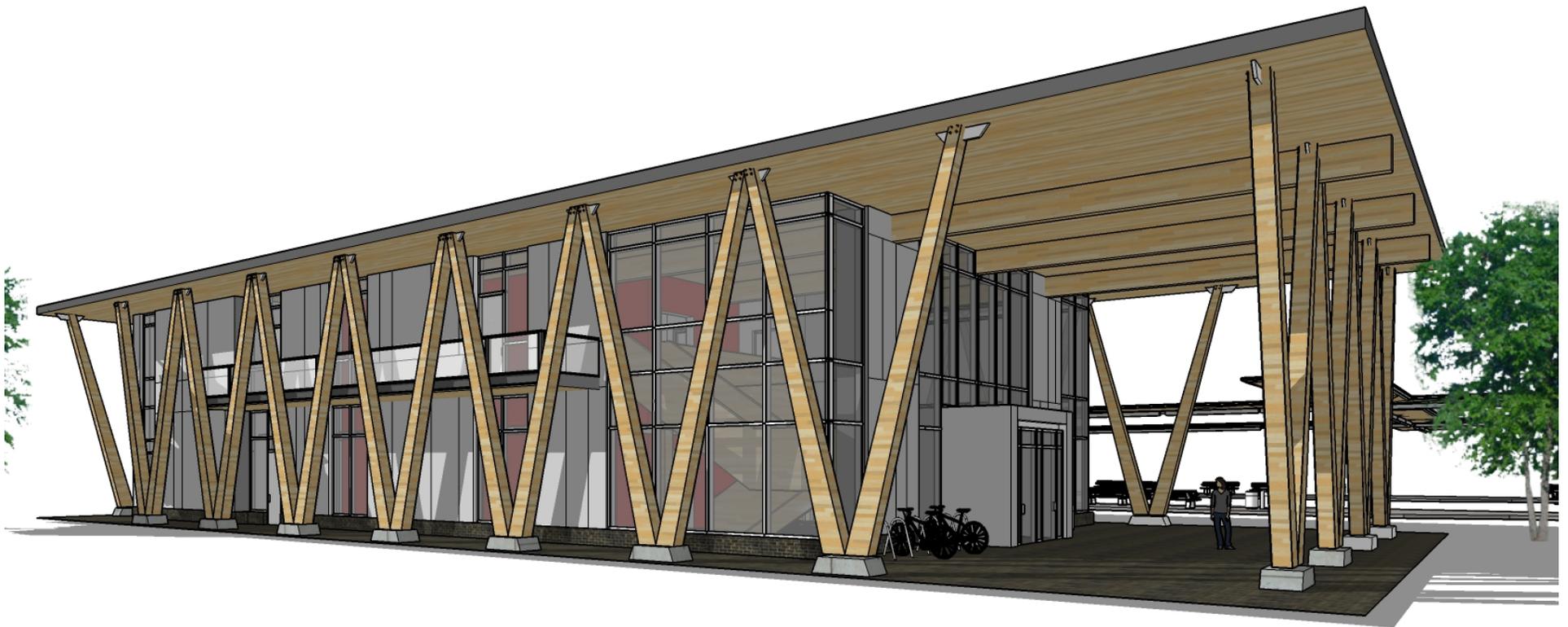
Item 15: Resolution authorizing condemnation to acquire property of Ben Sherrod, Jr. Heirs for the Greenville Transportation Activity Center

Greenville Transportation

Activity Center

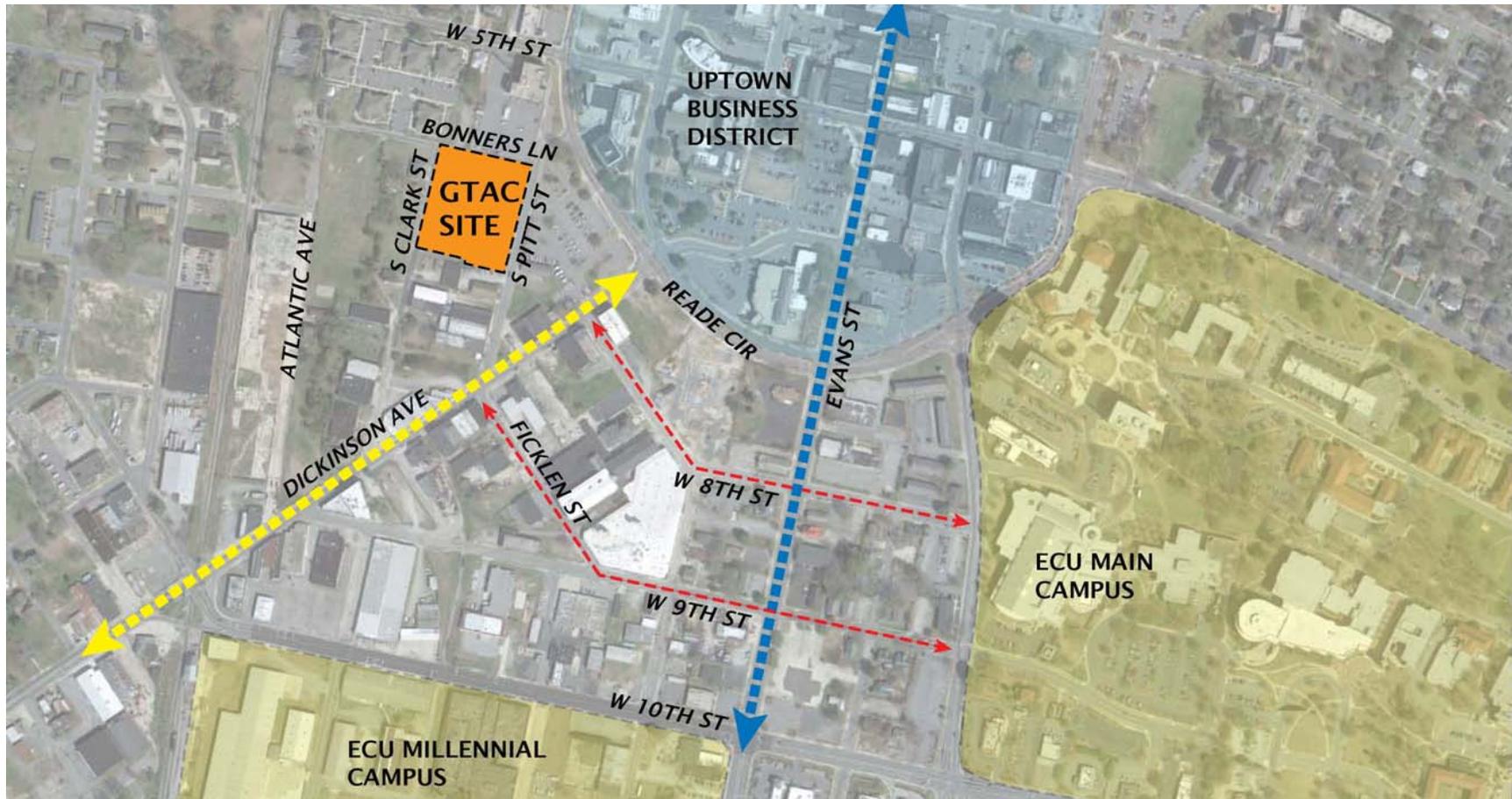
Project Status Update

View from Southeast



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Location

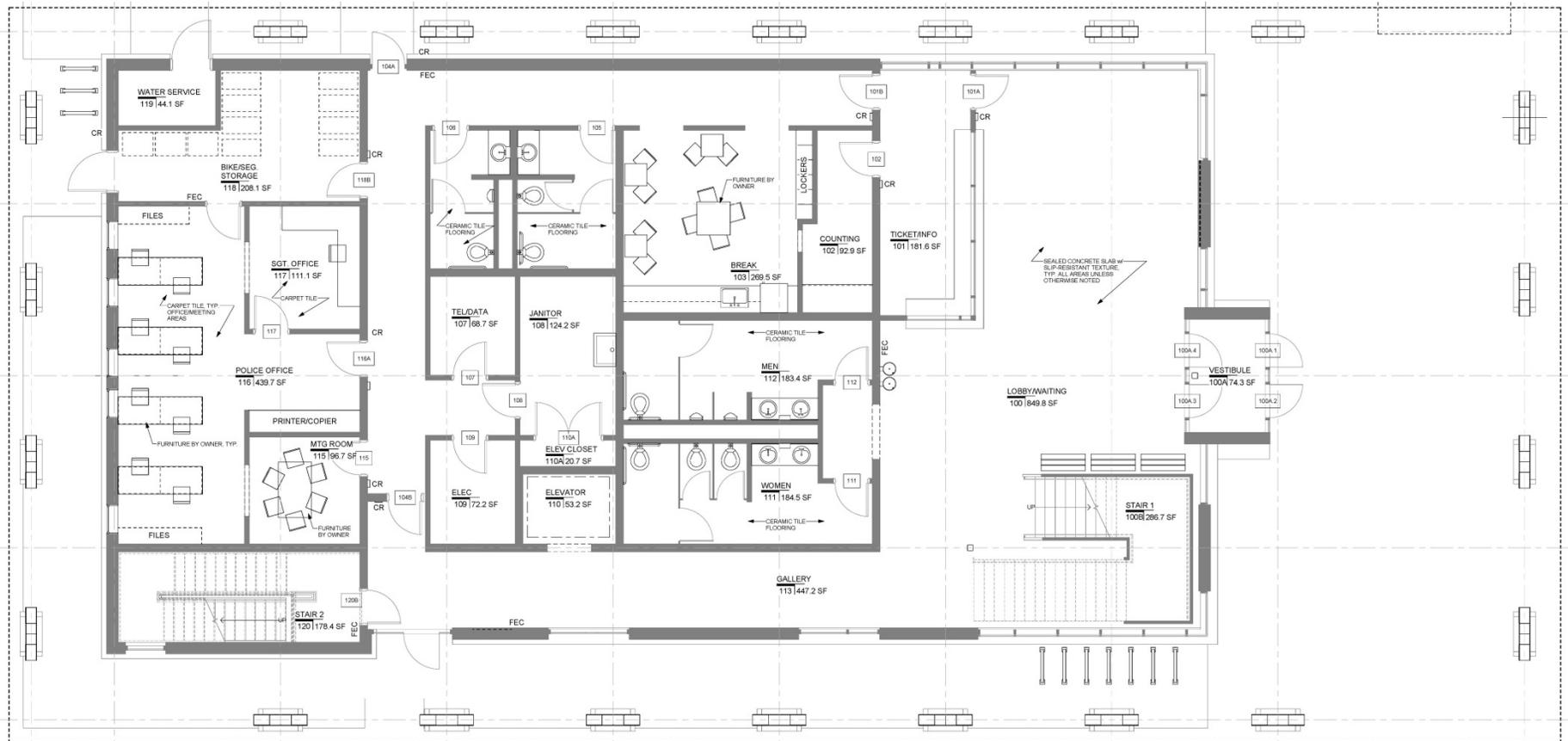


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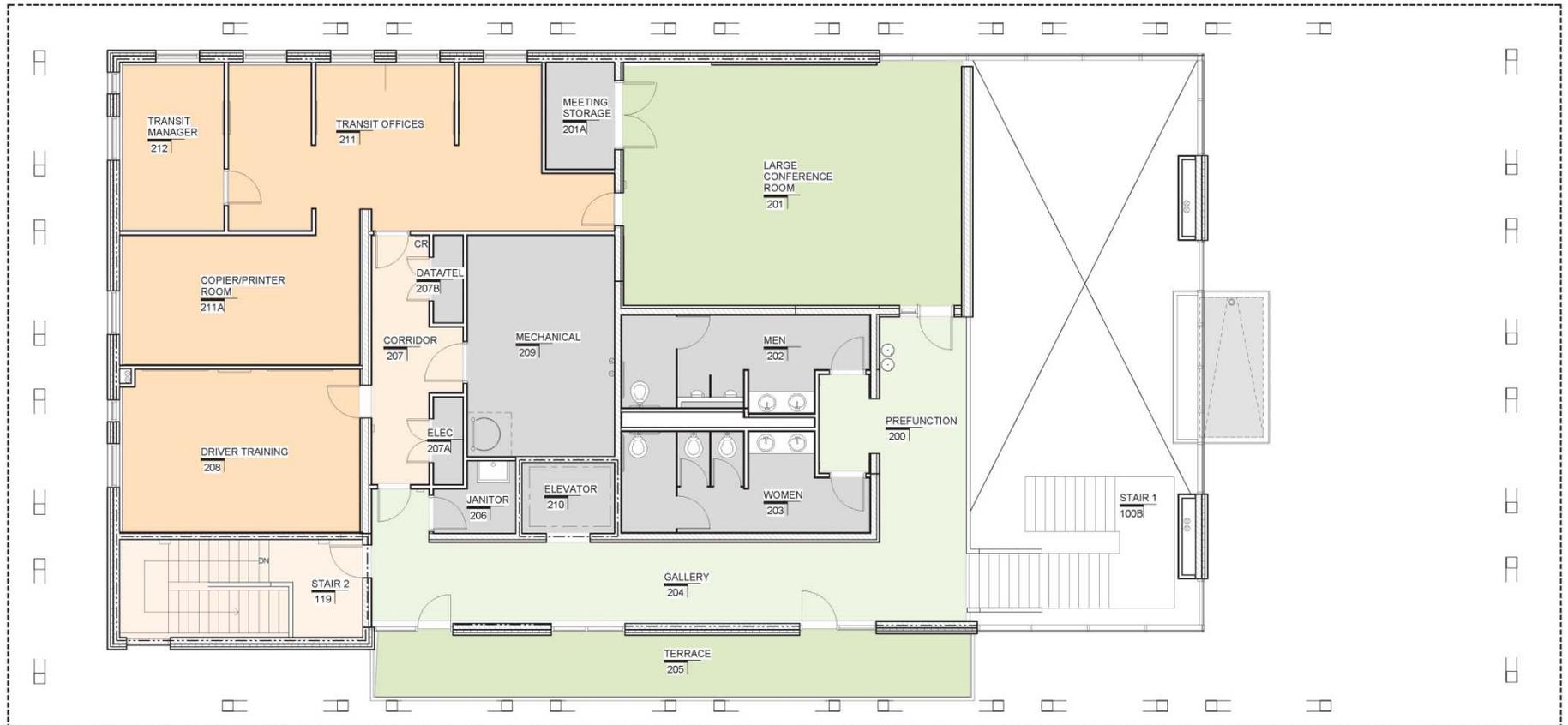
1st Floor Plan



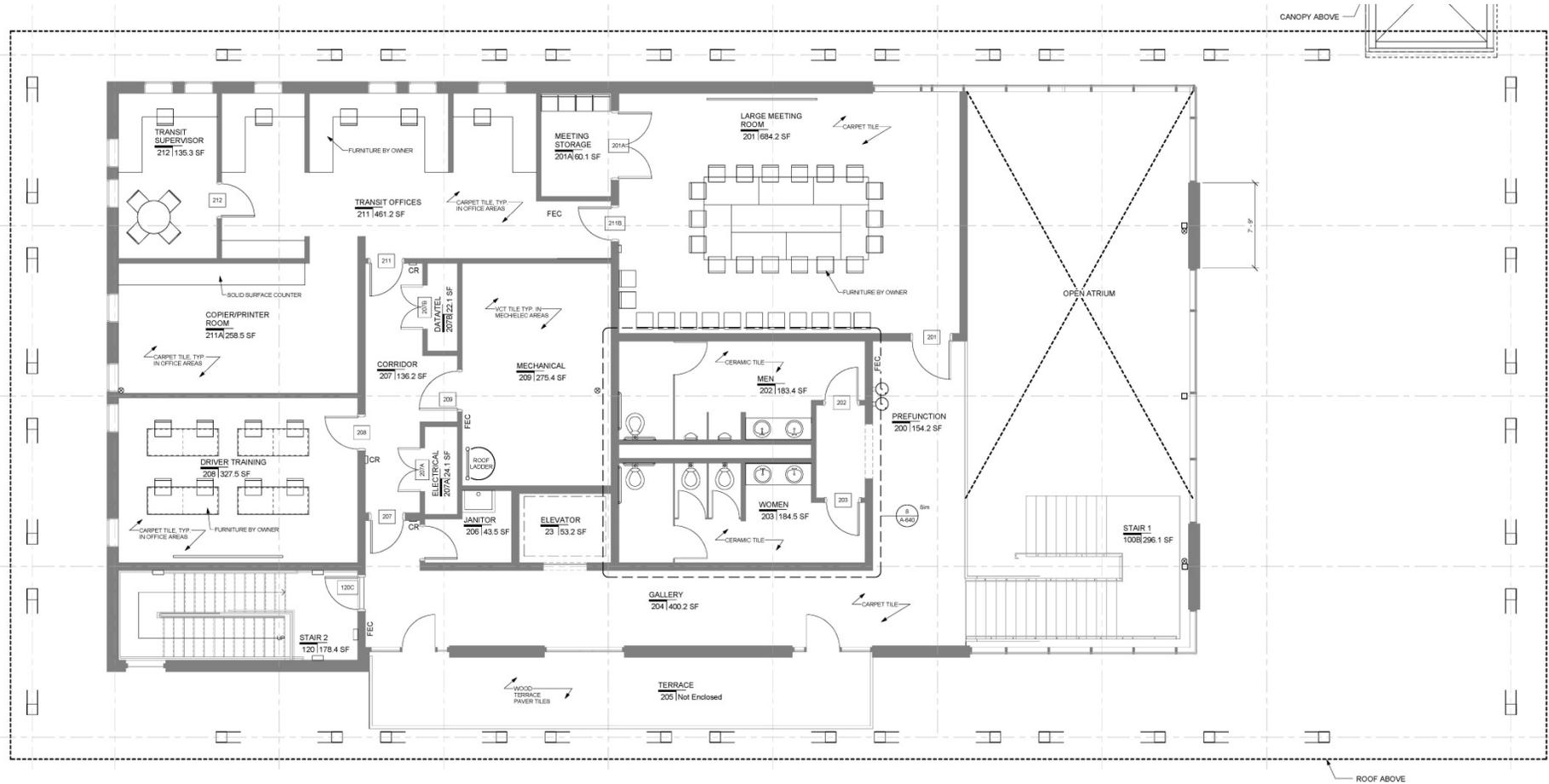
1st Floor Plan



2nd Floor Plan



2nd Floor Plan



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Schedule Update

Design Completion: December 2015

Property Acquisition: Early/mid 2016

**Bid/Award: Contingent on
Property
Acquisition**

**Construction Start: Contingent on
Property
Acquisition**

Budget Update

Two Cost Estimates Completed

Construction Estimate Within Budget Range

**Property Acquisition and Relocation Currently
within Budget**

Property Acquisition

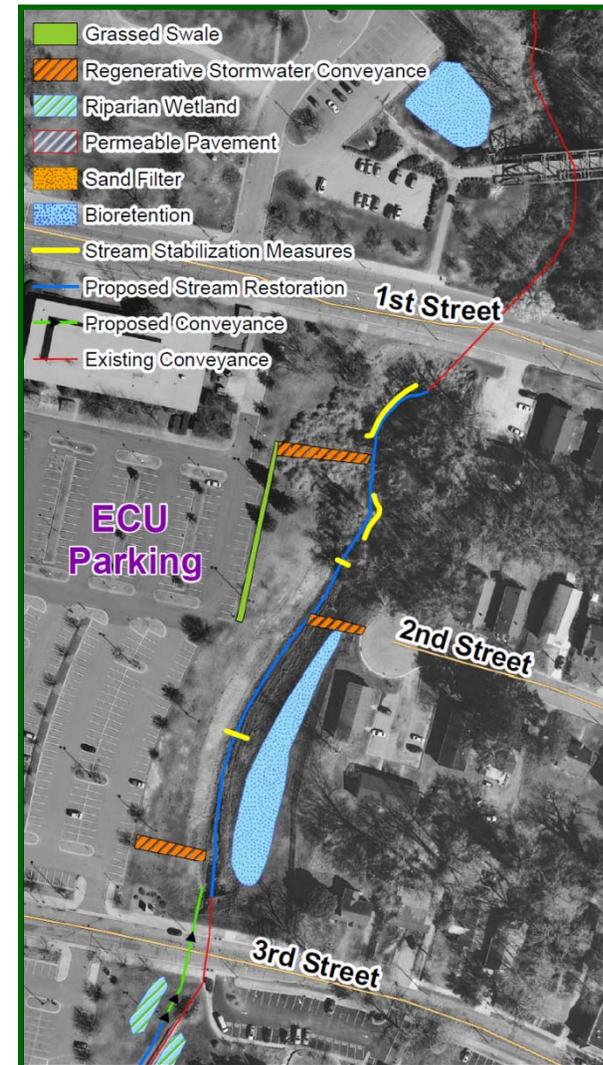


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Item 16: Town Creek Culvert Clean Water State Revolving Fund Application Amendment

Green Infrastructure

- Letter of Intent to Fund February 2014
- ER/EID approved August 2014 (\$10M)
- 10 BMPs were proposed
- Open channel between 3rd and 4th Streets

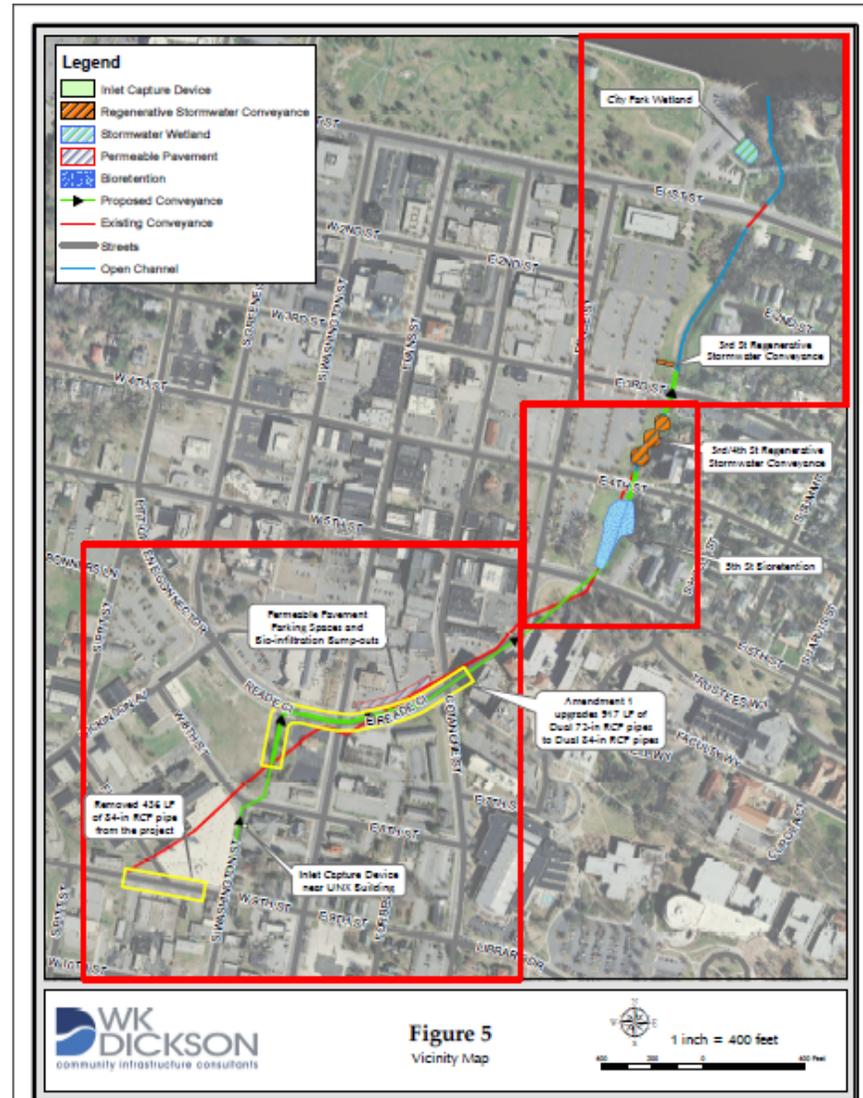


Redirection by Dept of Water Infrastructure

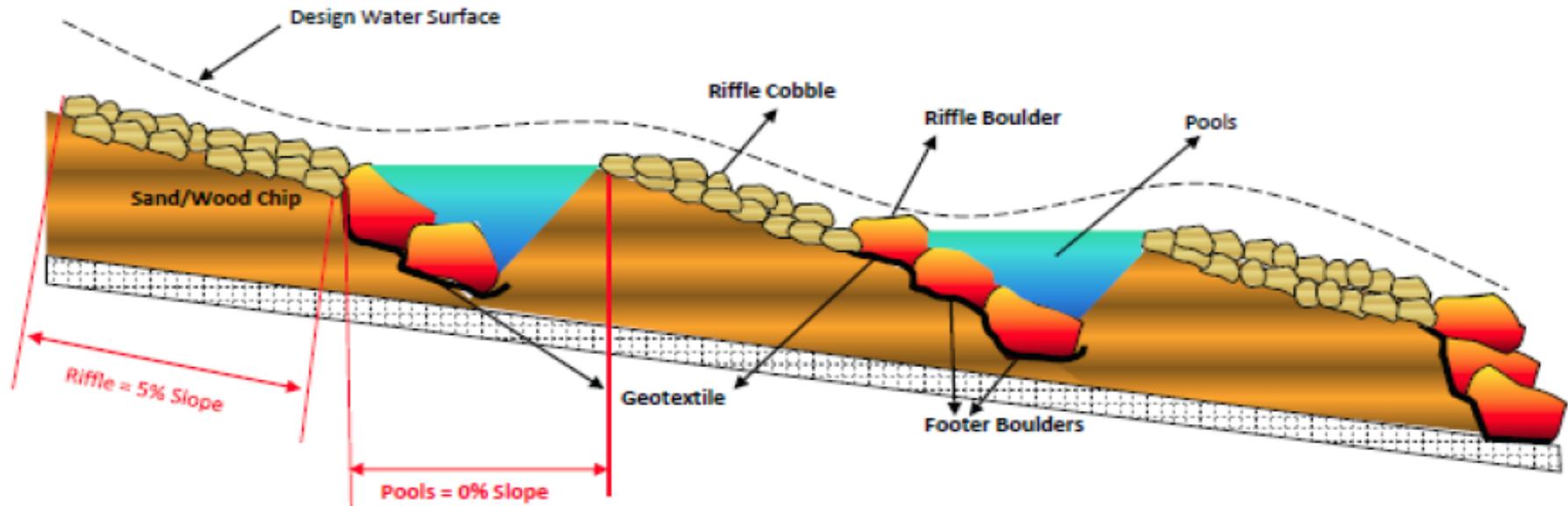
- On-site meeting
- Regional BMP needed

ER/EID Amendment

- 10 BMPs were reduced to 6 BMPs
- Regional RSC included (250' Long x 40' Wide)
- Nitrogen removal increased from 69 lb/yr to 252 lb/yr



Regional RSC



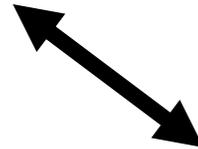
Source: *W. Virginia Stormwater Management & Design Guidance Manual*

ECU/Coastal Water Resource Center

- Support on water quality
- Research of historic data
- Educational opportunities for under-graduates and graduates

Results of Amendment

- Equitable distribution of BMPs
 - Total Pollutant removal (~252 lb N/yr)
- Treat both surface runoff and flow through the trunk line (10th St. Connector).
- Large-scale Regenerative Stormwater Conveyance (RSC) System
 - Removes large amounts of pollutant (~191 lb N/yr)
 - On-line structure treating 258 acres.



***Project BMPs will convert about
10% of Town Creek Watershed
(8-10 city blocks) to
Coastal Plain Forest (from a
treatment perspective)***

Town Creek Culvert

Fall 2013
2014-2015
November 2015
Winter 2016
Spring 2016
Summer 2016
August 2016
Summer 2018



Surveys
Analysis and Design
Complete Final Design
Permits/Easements
Advertise for Construction
Review Construction Bids
Award Construction Contract
Complete Construction

We are here