

1.11.16

City Council Meeting

Item 9a: Environmental Advisory Commission Presentation

Current EAC Members

- **David Kimmel (2015 Chair)**
- **Emilie Kane (2015/2016 Vice-Chair)**
- **David Ames**
- **Ernest Larkin**
- **Durk Tyson (2016 Chair)**
- **Jon Weaver**
- **Ann Maxwell**

Support to EAC - 2015

- **Marion Blackburn, Council Member**

- **Kevin Mulligan, Public Works Director**
- **Lisa Kirby, Engineering**
- **Amanda Braddy, Administrative Assistant**

2015 EAC Goals

- 1. Identify and deploy ways in which to engage citizens (including students) in addressing environmental sustainability issues**

Have engaged with Love a Sea Turtle to become involved in Earth Day events at River Park North

- 2. Continue to increase deliberate and intentional engagement with Council & other Commissions**

EAC members review activities of other commissions and report on the potential environmental impacts and opportunities for environmental education

2015 EAC Goals cont'd.

3. Identify and suggest ways to reduce volume of our waste

Working with other commissions on a resolution to suggest reduce use of single-use plastic bags

4. Seek ways to preserve our water resources

Continuing to implement EAC Stormwater Grant Program; provide further input on the Watershed Master plan and increase public awareness of plan and need to monitor our water resources

2015 EAC Goals cont'd.

- 5. Incorporate service learning students from ECU in the pursuit of EAC goals**

ECU service learning students have been involved in environmental survey of Greenville citizens

- 6. Seek opportunities to continue to promote environmental education**

Supported a resolution that resulted in the posting of "no idling" signs at specified places in the City

2015 EAC Goals cont'd.

7. **Develop an inventory of the City's environmental sustainability accomplishment's achievements**
8. **Develop a culture of measuring and disseminating the results of EAC efforts**

Developed a comprehensive strategic plan that lists the past history of the EAC and lists potential targets for future goals as well as dissemination suggestions

2016 EAC Priorities

- **Revised goals**
 - Focus on the reduction of greenhouse gases generated by City activities
 - Develop a resolution that focuses on the adoption of renewable energy initiatives
- **Continue to increase deliberate and intentional engagement with City Council and other boards and commissions**

2016 EAC Priorities

- Promote and expand the EAC grant program (advertising and seeking new funding sources)
 - 2012-2013 Grant Recipient – Wahl-Coates 4-H Group
 - 2013-2014 Grant Recipient – J.H. Rose High School
 - 2014-2015 Grant Recipient – Ridgewood Elementary
 - 2015-2016 Grant Recipient – Love a Sea Turtle (LAST)



Item 10: Uptown Greenville Mid-Year Report

Strategic Highlights

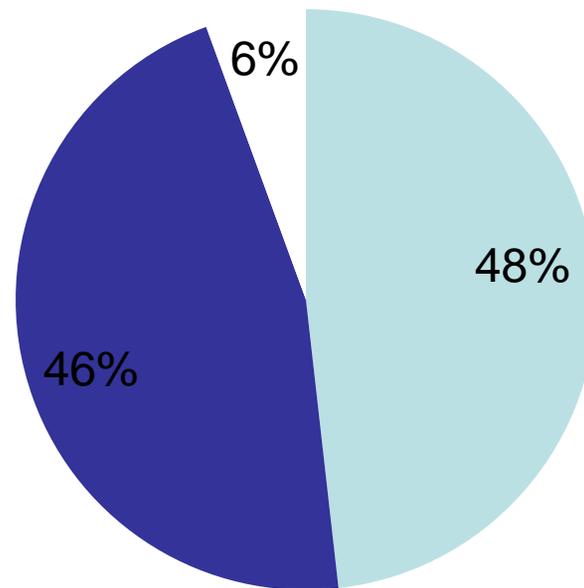
Uptown Greenville is the voice of the downtown. We exist to promote quality cultural, residential, and economic development

uptown
GREENVILLE.com

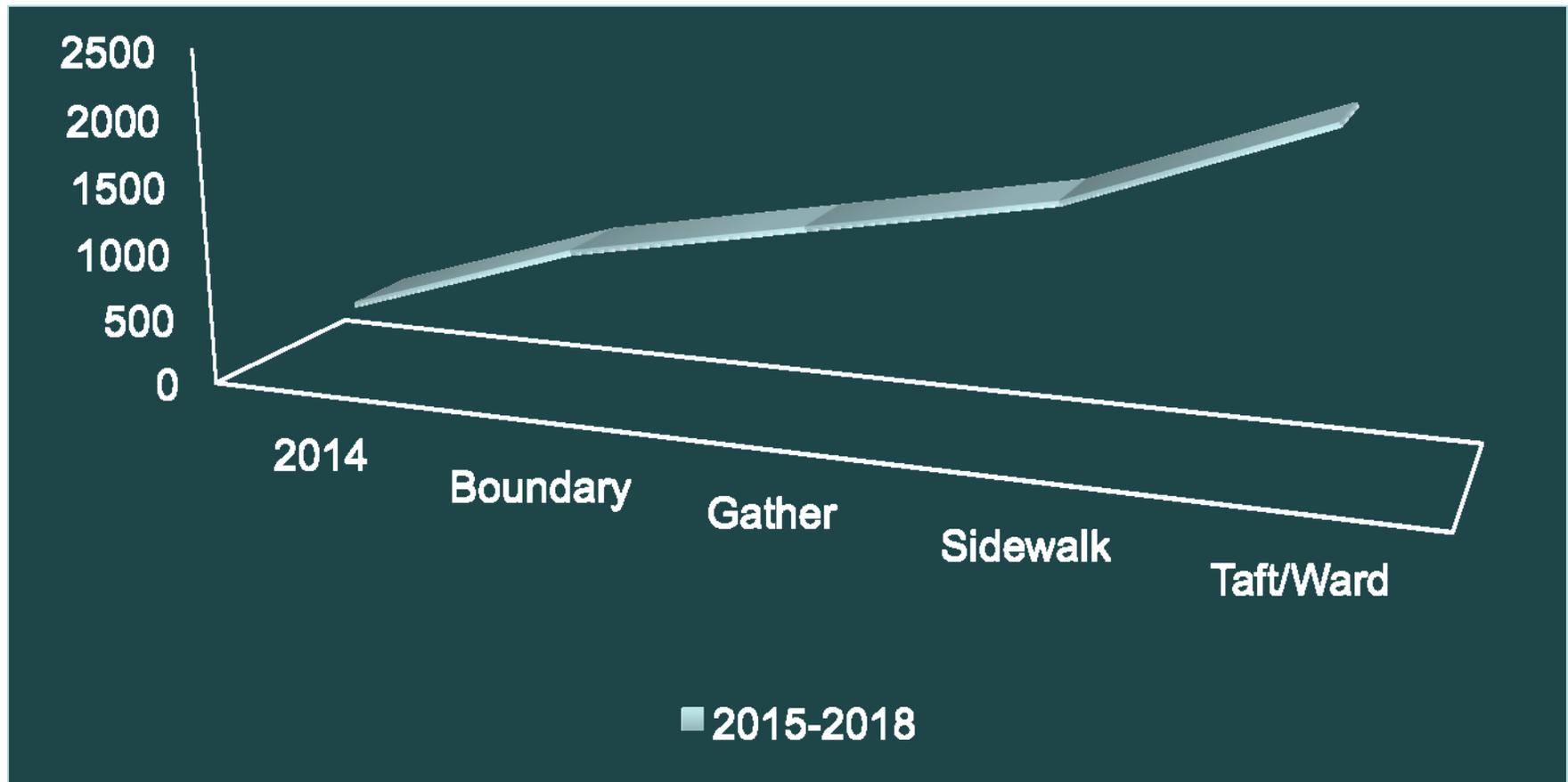
Strategic Highlights

**\$394,000,000 announced and invested in
Uptown from 2013-2018**

■ Public ■ Private ■ Public/Private



Strategic Highlights



Strategic Highlights

- 24 New Businesses
- Net Increase of 91 full or part-time jobs

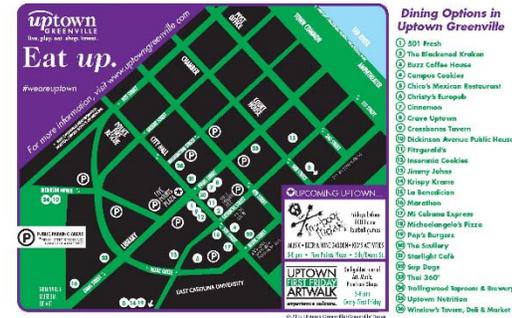


Strategic Highlights

Uptown Greenville Public Improvements

LED Lights along Dickinson Avenue	\$2,000
Summer Lamppost Banners	\$800
Live United Courtyard	\$32,000
Clock faces, Uptown Parking Deck	\$30,000
NC Arts Grant, Greenville Grooves	\$7,500
Total investment \$72,300	

- Purchased 10,000 Uptown Greenville bags
- Updated and Distributed 7,000 Eat Up Guides to ECU Residents and throughout campus, medical district and area hotels
- Launched “Love Local” sticker campaign



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PEN HOUS

do you *uptow*

SUPERBLOCK Open House & Ribbon Cutting

September 24, 2015 through September 24, 2015

join us for greenville's largest ribbon cutting as we celebrate superblock. we will be cutting the ribbon for sentinel r ...

Uptown District
Greenville, NC



Freeboot Friday

September 25, 2015 through November 6, 2015

this free, alive-at-five event offers live music and fun for the whole family with an inflatable bounce houses for child ...

Five Points Plaza
Greenville, NC



SHUTTLE GAME DAY UPTOWN TO STADIUM

Game Day Shuttle

September 26, 2015 through September 26, 2015

need a lift on game day? free game day shuttle service offered by uptown greenville and its merchants! the shuttle will ...

Uptown Greenville
Greenville, NC





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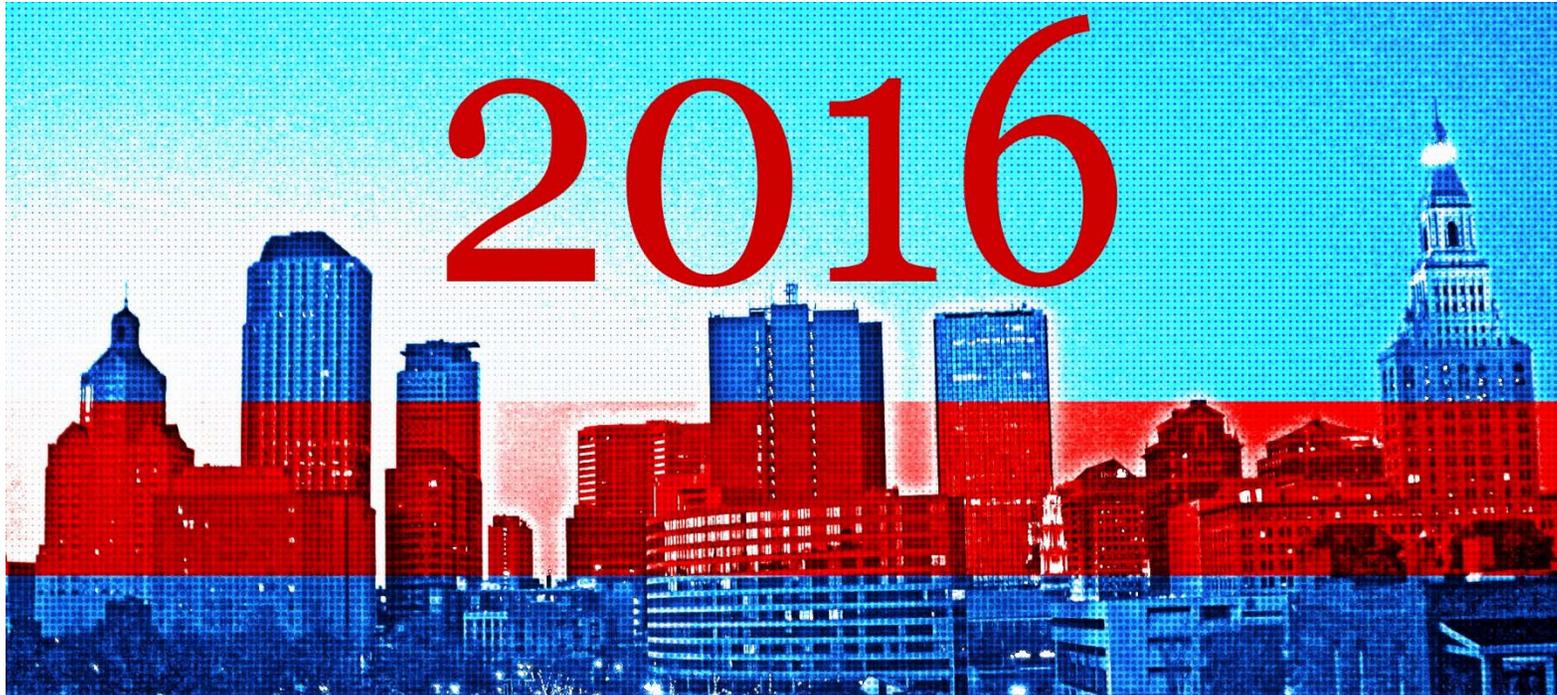


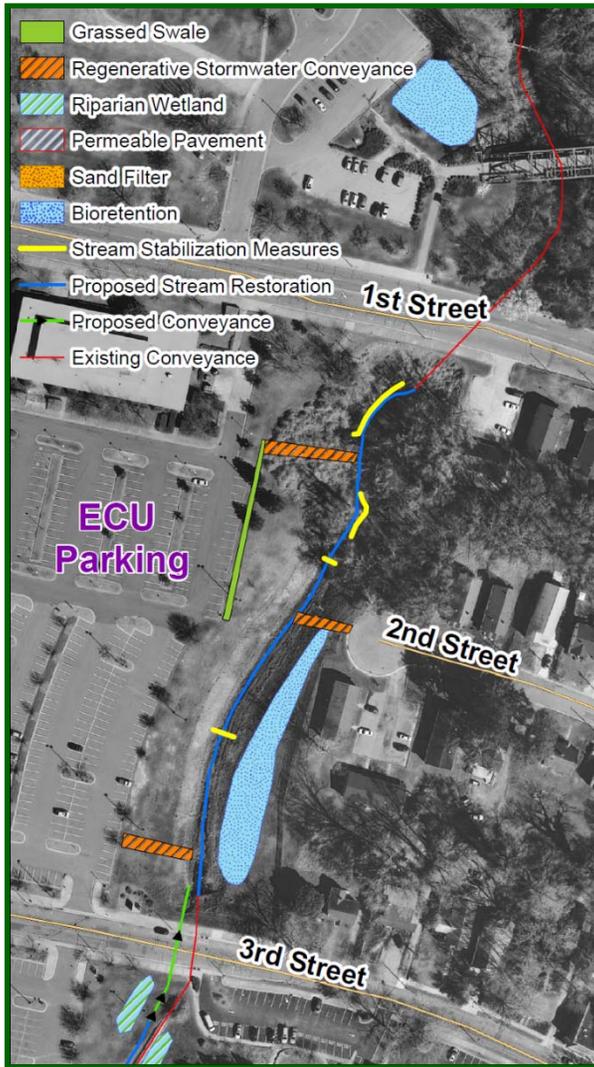
UPTOWN
RETAIL
Challenge

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**700 people volunteered with Uptown
Greenville in 2015**







Road Circle Elevation



Dickinson Avenue Elevation

\$32M- 40 Market rate, 60 student, plus 20,000 GSF Retail

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CORNER OF W. 5TH STREET AND S. GREEN STREET



W. 5TH STREET



S. GREENE STREET



S. GREENE STREET



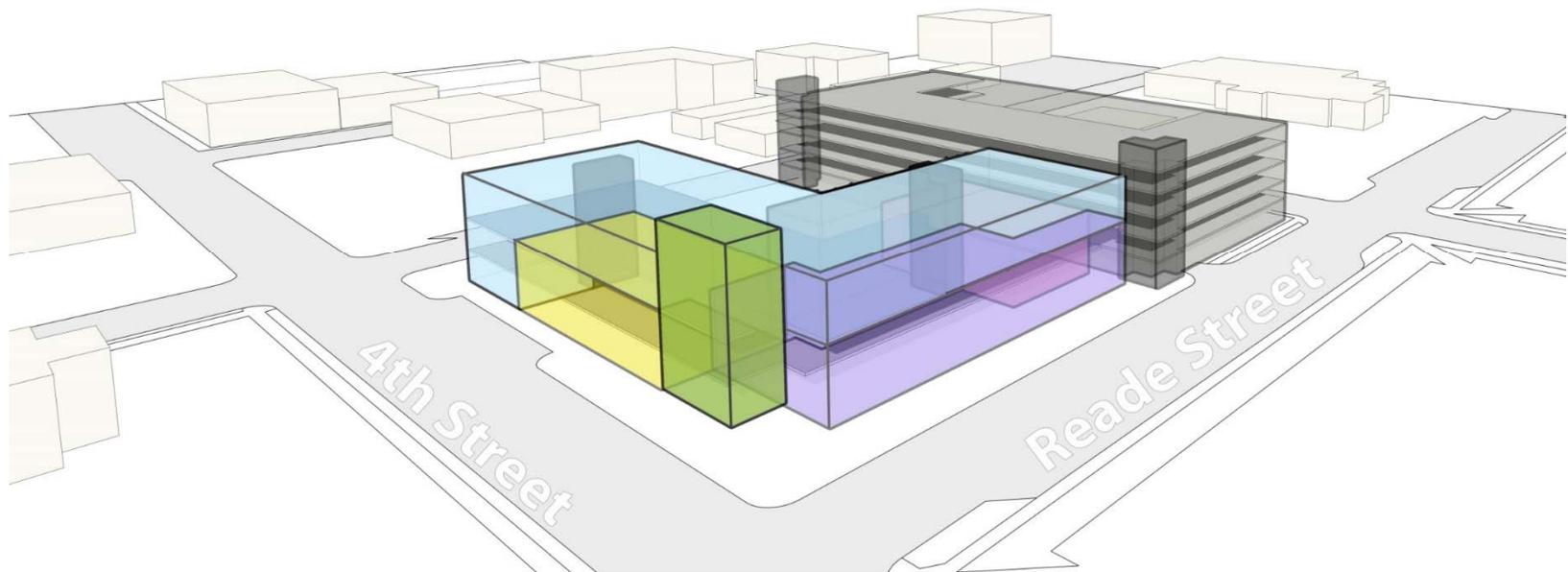
W. 5TH STREET

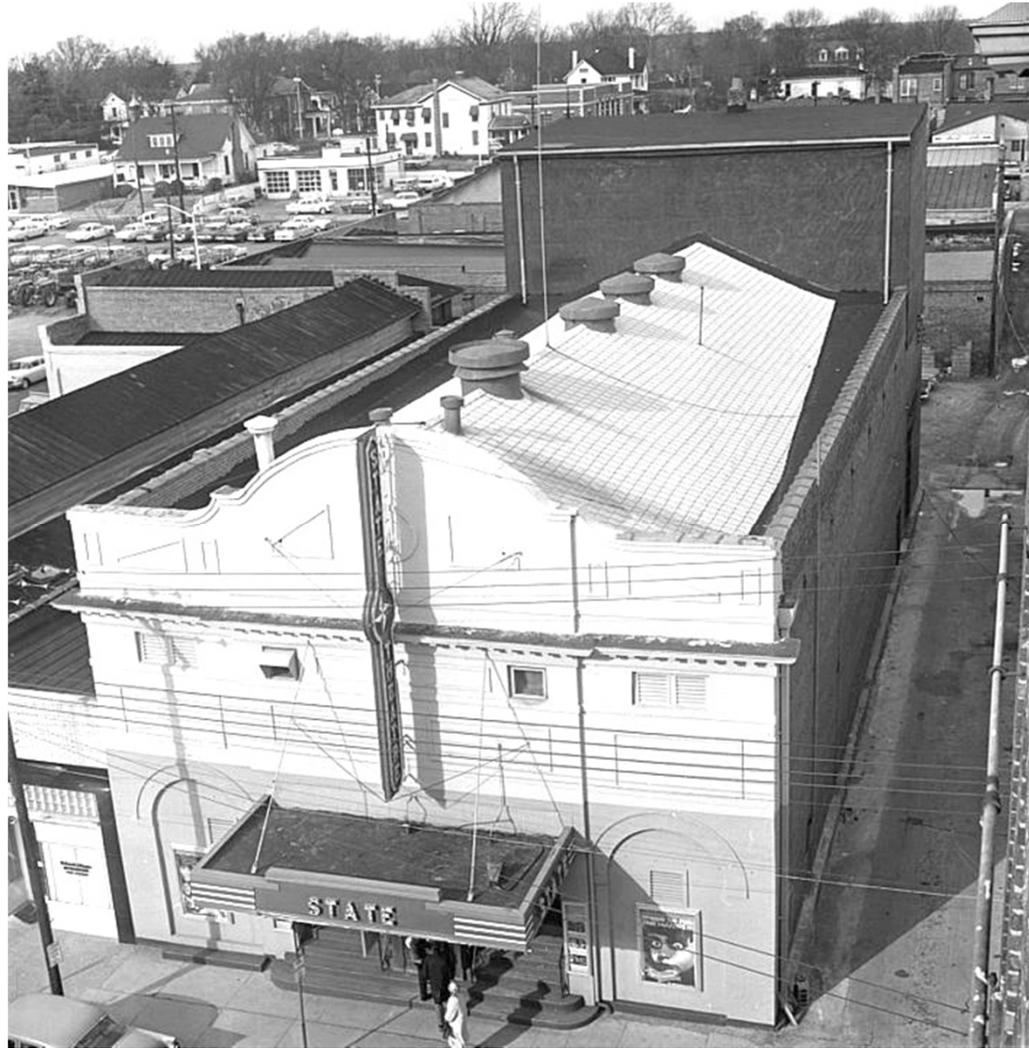
GATHER: UPTOWN

W 5TH AND S GREENST.
GREENVILLE, NC



08/26/2015
DANIELIAN ASSOCIATES
ARCHITECTURE + PLANNING
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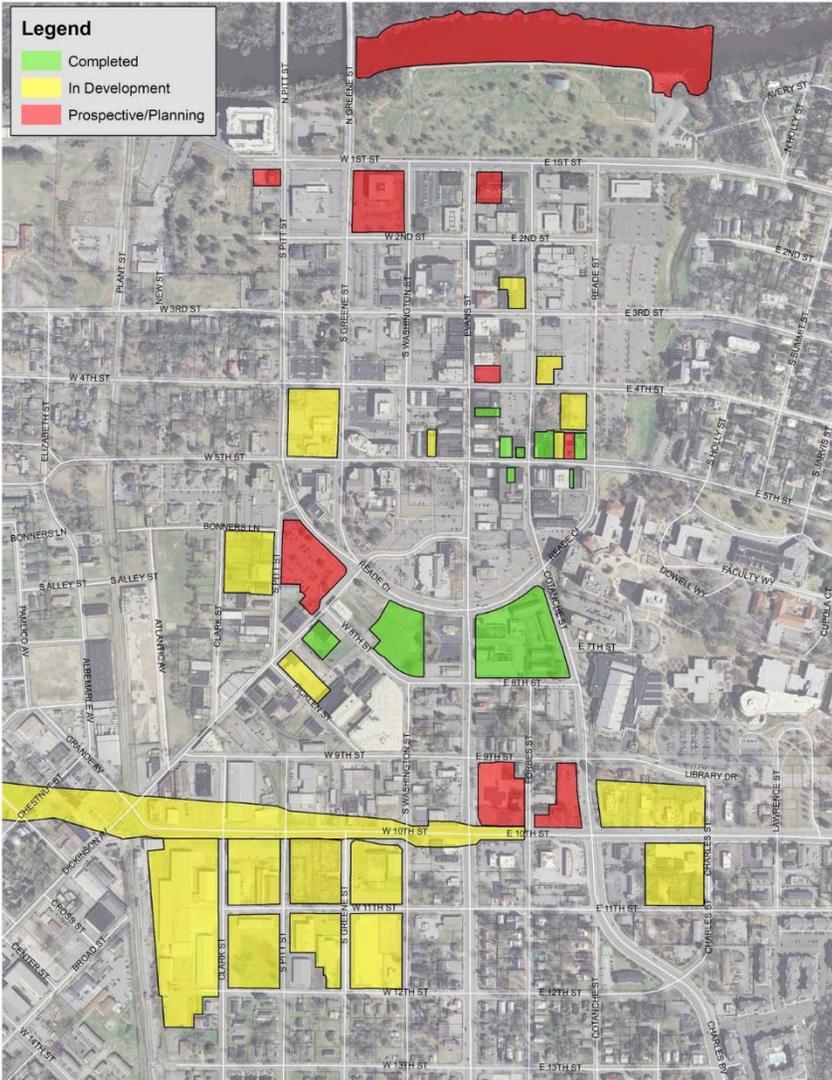




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Fundraising for the Center City Concept Plan

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Item 11: Resolution approving memorandum of understanding and lease agreements with Sound Rivers, Inc.

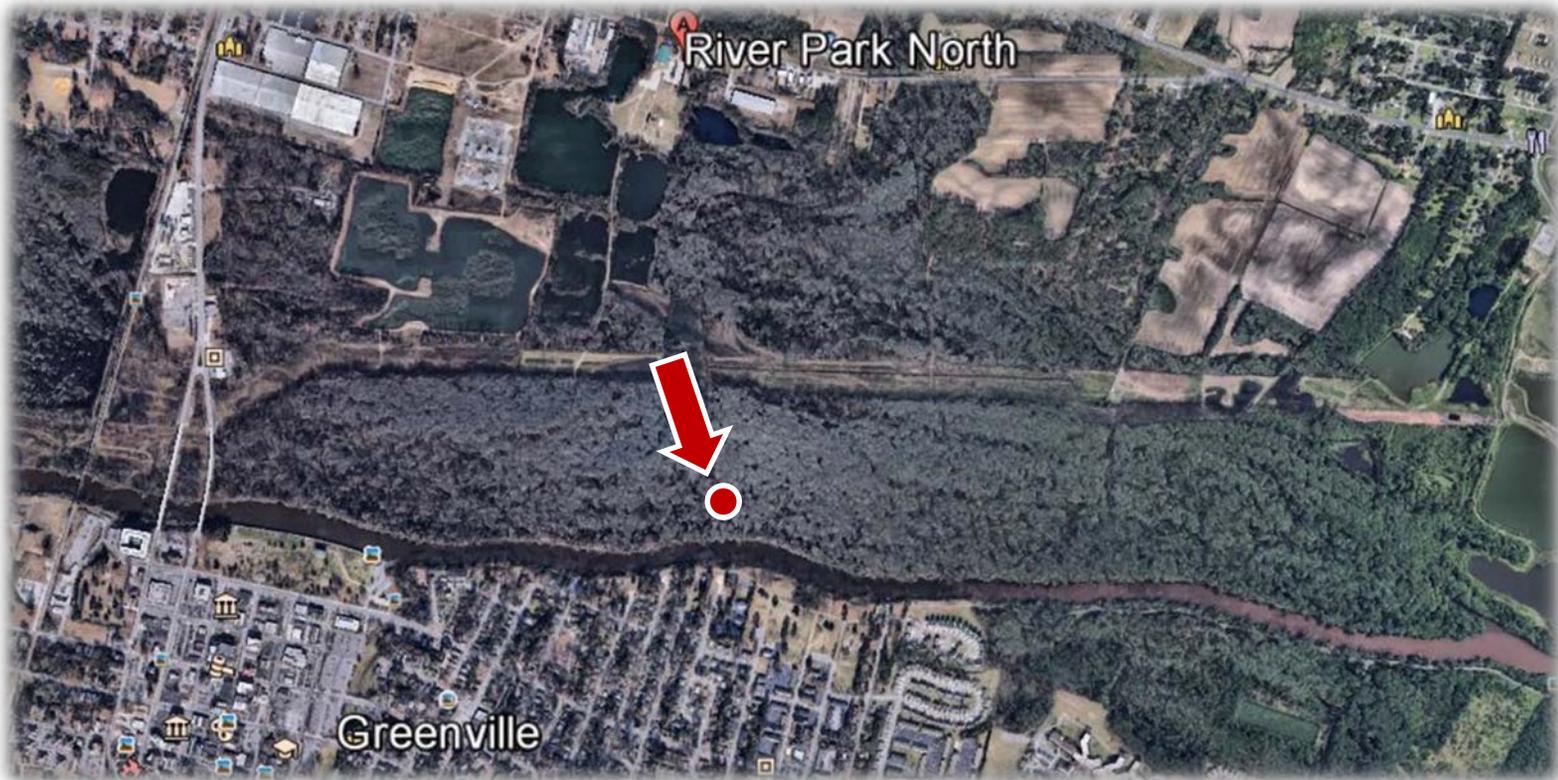








Approximate Site - Phil Carroll Nature Preserve Platform



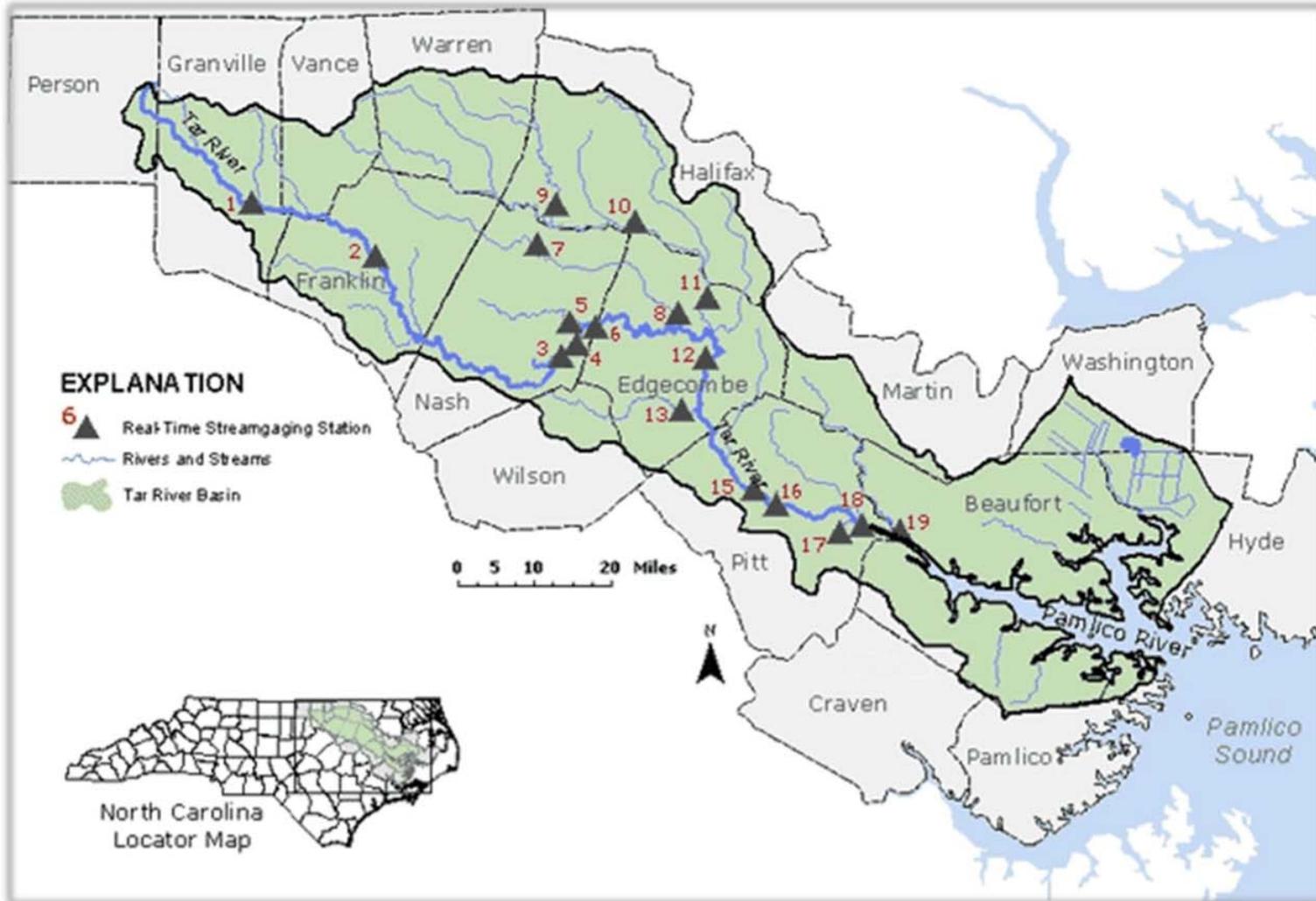
Approximate Site - River Park North Camping Platform



Approximate Site - GUC Property Platform



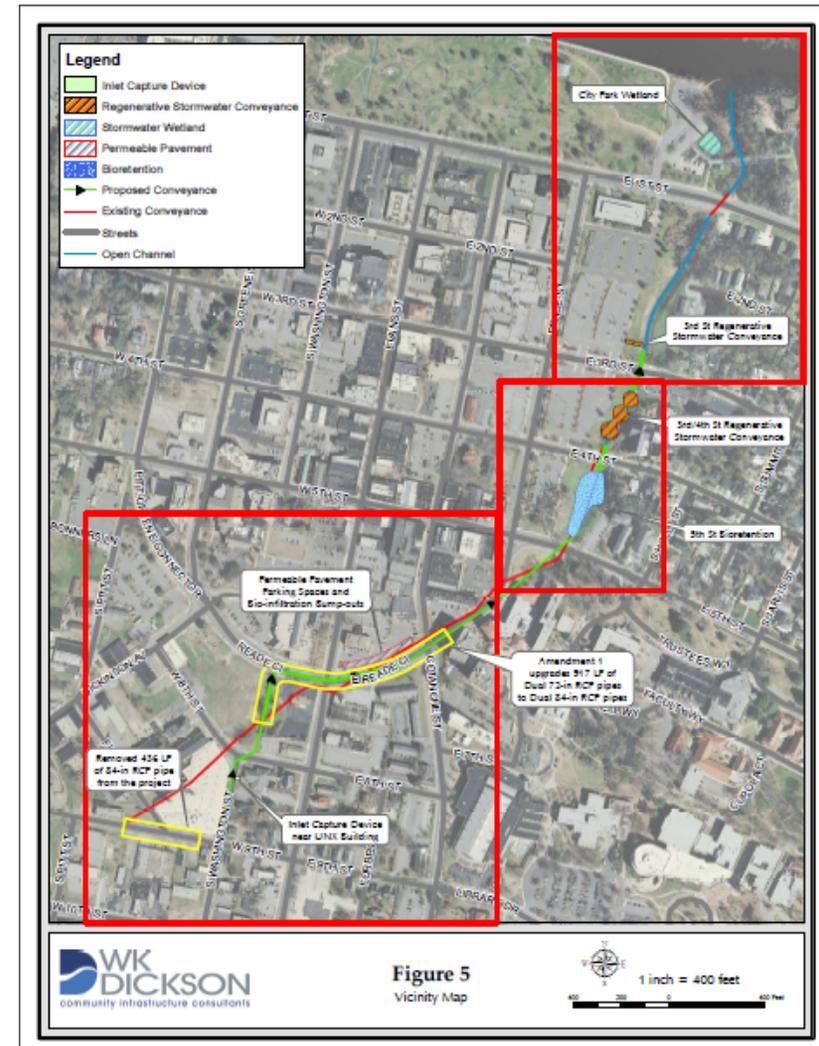
Approximate Sites of Camping Platforms



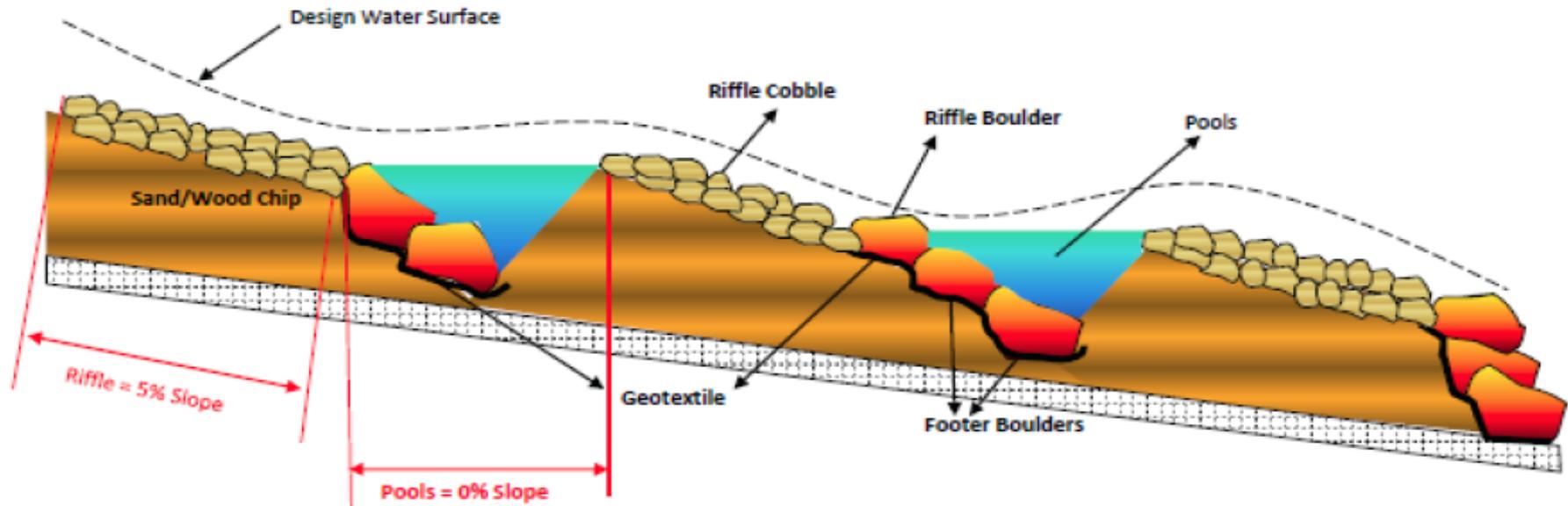
Item 12: Resolution
accepting an amended State
Revolving Loan Offer Relating
to the Town Creek Culvert
and BMP Retrofit Project

Project Description

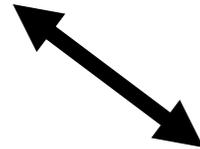
- Green Inf. Loan
- 6 BMPs
- Regional RSC included (250' Long x 40' Wide)
- Nitrogen removal of 252 lb/yr



Regional RSC



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



***From a treatment perspective
the results are equal to converting
about 10% of Town Creek Watershed
to Coastal Plain Forest***

Timeline

- August 2013: Application for Green Inf. Loan submitted to DWI
- August 2014: ER/EID approved by DWI
- November 2014: Council resolution accepting loan offer of \$10M
- August 2015: Approval of ER/EID Amendment by DWI
- November 2015: Council approval of loan application amendment requesting \$13.34M

Funding

Current offer:

\$13,340,571 at 0% interest

Savings of:

\$4,500,000

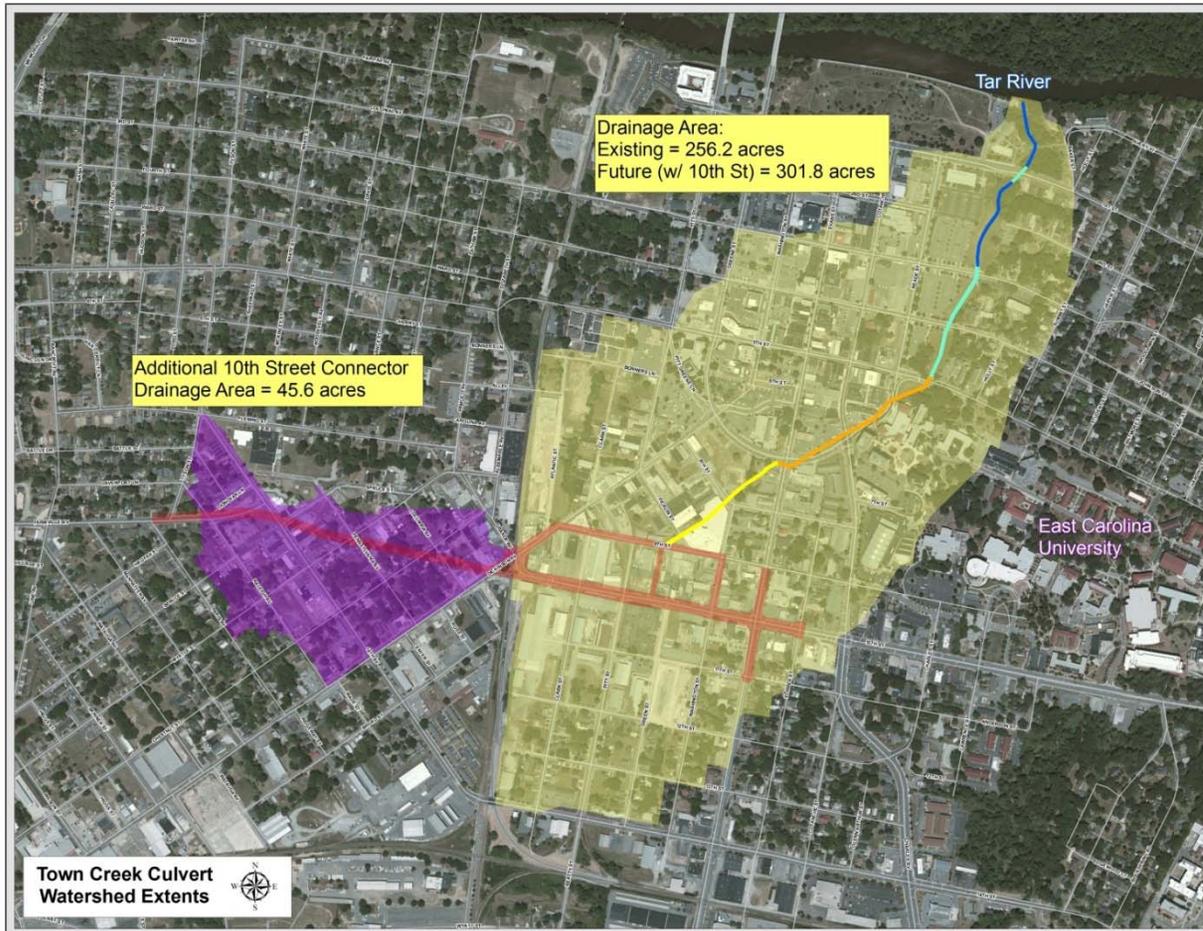
Town Creek Culvert

Fall 2013	Surveys
2014-2015	Analysis and Design
November 2015	Complete Final Design
Winter 2016	Permits/Easements
Spring 2016	Advertise for Construction
Summer 2016	Review Construction Bids
August 2016	Award Construction Contract
Summer 2018	Complete Construction

We are here

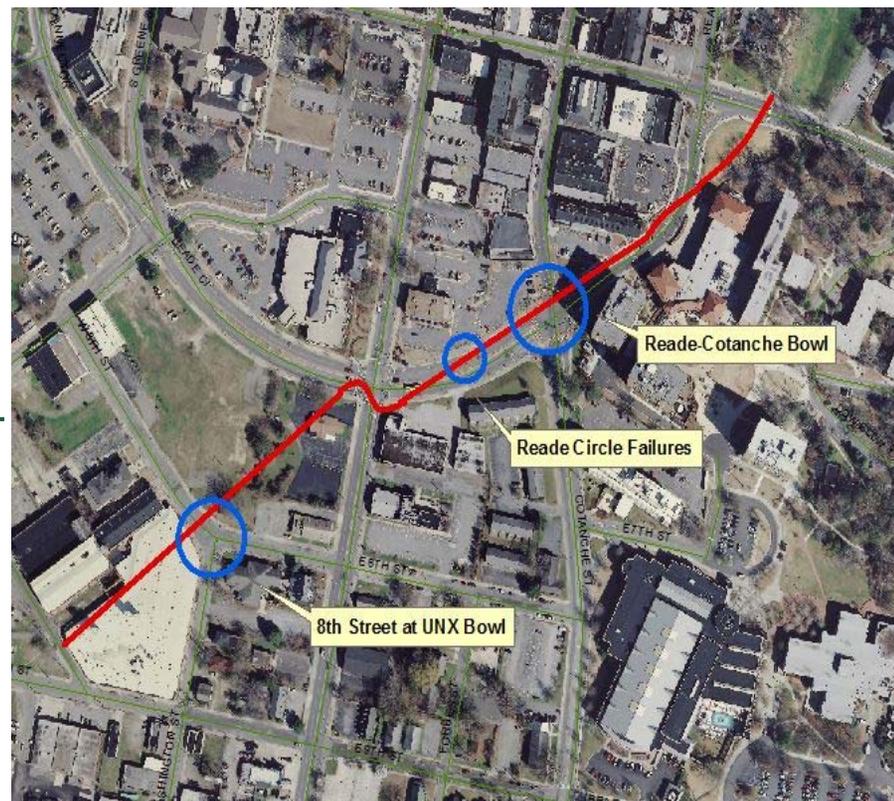
Item 13: Update on Town Creek Culvert Failure at 3rd Street

Background - Town Creek Culvert



Why replace Town Creek Culvert?

- Existing flooding conditions (undersized)
- Aging infrastructure (1930s constr)
- Added flow from NCDOT 10th Street Connector



Survey & Inspection

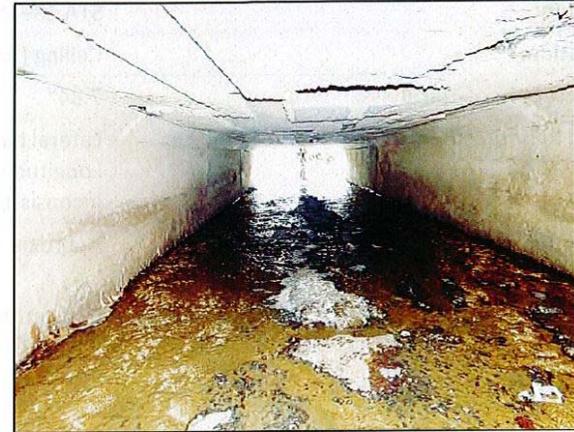


- Longitudinal cracking in roof and floor
- Concrete spall with exposed reinforcement
- Tap in locations with no patching/sealing
- Utility conflicts

2014 Condition Assessment

SECTION ONE

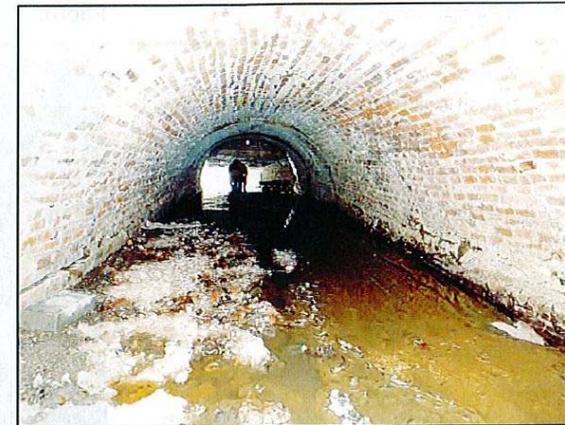
Culvert Section:	1
Beginning Station:	STA 12+65
Ending Station:	STA 13+17
Length:	52 feet
Width:	120"
Height:	48"
Shape Description:	Box Culvert
Material Description:	Reinforced Concrete



Culvert Section 1 looking downstream

SECTION TWO

Culvert Section:	2
Beginning Station:	STA 13+17
Ending Station:	STA 13+62
Length:	45 feet
Width:	94"
Height:	67"
Shape Description:	Arched Culvert
Material Description:	Brick Masonry



Culvert Section 2 looking downstream

3rd Street



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10' x 4' RC Box Culvert (Section 1)





**7.8' x 5.6'
Masonry
Arch
Culvert
(Section 2)**

36" CM Pipe



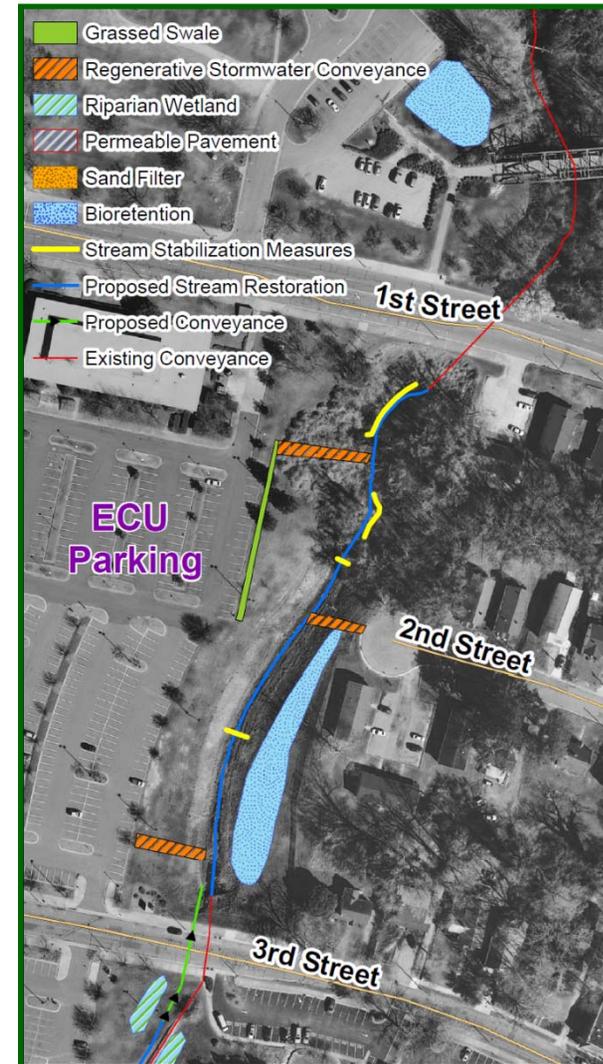
Road Closure



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Green Infrastructure

- 10 BMPs proposed
- Open channel between 3rd and 4th Streets



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Regional RSC

Design Size: 250' Long X
40' Wide



Sou

Options

- Stabilize slope, keep road closed, and continue with planned project (const. start - Oct 2016)
- Stabilize slope, keep road closed, and separate 3rd St. improvements (const. start July 2016)
- Stabilize, Repair, Open road, and then replace with planned project

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