



# MEETING MINUTES

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**Meeting Date:** May 8, 2008

**Time:** 7:00 – 8:00 pm

**Location:** Christ Episcopal Church  
1412 Providence Rd  
Charlotte, NC

**Meeting Topic:** **Second Public Meeting – Proposed Selected Alternative**  
*Cherokee/Scotland Storm Water Capital Improvement Project*

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## **Background and Overview**

The aforementioned meeting was the second scheduled public meeting to outline the Cherokee/Scotland project, present the Proposed Selected Alternative developed during the Planning and Preliminary Design Phase, and gather additional feedback. Citizens representing six (6) households attended. Citizens signed-in and were provided meeting agendas and 8.5” x 11” exhibits showing the Proposed Selected Alternative. Several citizens discussed specific issues/concerns and questions with project team attendees prior to meeting commencement and noted by the project team attendees.

## **Meeting Summary**

Troy presented the meeting per the agenda outline, as provided below.

### **I. Welcome**

- Troy welcomed the group and gave a brief overview of the meeting.
- Troy noted that citizens may ask questions throughout the meeting.
- Troy defined the term “Proposed Selected Alternative” as the proposed improvements determined during the Planning and Preliminary Design Phase.
- Troy explained that the City would like to gather input from the citizens and understand any of their concerns. Troy indicated there may be limited flexibility in addressing potential concerns as the City wants to be responsible with improvements (i.e. do not want to create a constriction within the system, etc).

## **II. Introduction of Project Team**

- Troy Eisenberger introduced himself, Kate Labadorf, Matt Anderson (Project Managers) and Jackie Harris (Project Coordinator) from the City SWS.
- Troy introduced representatives from Dewberry and explained that Dewberry is the consultant performing the technical analysis for the project.

## **III. Charlotte-Mecklenburg Storm Water Services – CIP Program**

- Troy discussed Storm Water Services Maintenance Issues as a short term solution to problems that require immediate attention (i.e. hole in your yard, etc).
- Troy indicated that the Cherokee/Scotland Project is being conducted on a watershed scope, versus small, more localized scope associated with maintenance issues.

## **IV. Cherokee/Scotland Storm Drainage Improvement Project – Project Discussion**

Troy explained that citizen feedback was the initial reason for the Cherokee/Scotland Storm Drainage Improvement Project. Feedback was received from two primary sources; 336-Rain / 311 Service Requests and citizen questionnaires mailed out to the community at the beginning of the project. This data has been confirmed and quantified based on the consultant's modeling results.

## **V. Project Phases**

### **A. Planning Phase (Completed)**

- Troy noted that originally a different consultant had been contracted for this project and was involved for a short time period. However, this relationship was ended, Dewberry was brought on to fill their role, and as a result Dewberry has been on board essentially from the beginning.
- Troy explained that an analysis was done to determine the Existing Conditions.
- Troy stated that the Existing Conditions Analysis was completed in November, 2005.
- Troy indicated that the first Public Meeting was held in October, 2005.
- Troy explained that an improvement alternative was developed to try and meet all City Design Standards. Additional alternatives were developed to ensure improvements will be implemented in the most appropriate locations.

### *Citizen Questions*

- A citizen asked about flooding from Briar Creek and Troy noted that the impacts from Briar Creek will not be addressed with this project.
- A citizen asked the definition of a floodplain bench. Troy explained the general geometry of a typical channel versus the geometry of a typical channel with a floodplain bench. Troy described a channel with a floodplain bench and indicated that the center of the channel will carry flow from smaller, more frequent storm events, while flow from larger, less frequent storms will fill up the center of the channel and be carried in the "bench" area.
- A citizen asked what the orange pipes are in the Proposed Selected Alternative Exhibit. Troy indicated these pipes are proposed to be modified in the selected alternative.

- A citizen asked if we have done any improvements yet. Troy indicated that we have not begun improvements for the Cherokee/Scotland Storm Drainage Improvement Project. Troy indicated that the City will continue to send mailers and update the website as the project continues, to inform citizen about the status of the project.

**B. Design Phase (Upcoming)**

- Troy discussed the design phase and indicated the estimated duration of 18-24 months.
- Troy indicated that a 3<sup>rd</sup> public meeting will be held during the design phase, when the design is 70% complete.

**C. Construction (Future)**

- Troy indicated construction would involve temporary construction and permanent drainage easements, which will be negotiated with each affected property owner individually.
- Troy noted the duration for construction is a maximum of two (2) years.

**VI. General Questions & “Break-Out” Groups**

- Troy thanked the citizens for attending.
- Troy indicated that citizens could discuss questions with the project team attendees further, based on the “break-out” areas designated on the handout. The group reformed and the project was discussed per “break-out” area, with project team attendees noting citizen input.

## Cherokee/Scotland Storm Water Capital Improvement Project

### Summary:

The Cherokee-Scotland Storm Water Improvement Project consists of analyzing the existing drainage system, identifying potential flooding, erosion, or other storm water related problems, and developing an alternative to address these problems.

- The existing drainage system contains approximately 288 storm water structures, with 4,000 feet of open channel and 21,000 feet of closed pipe system. The results from this existing conditions analysis reveal that a substantial portion of the existing drainage system in the Cherokee-Scotland watershed does not meet current design standards. Over 90% of the closed system along the two main piped spines of the drainage system and approximately one-quarter of the remaining closed drainage system does not meet design standards.
- The Proposed Selected Alternative involves floodplain benches and channel stabilization, localized infrastructure improvements, upsizing significant portions of pipe system, and extending portions of closed pipe systems. The Proposed Selected Alternative involves 450 feet of channel bank stabilization and floodplain bench construction, 630 feet of culvert replacement / extensions, and approximately 9,830 feet of extended and upsized closed pipe system.

### Completed Steps:

#### *Preliminary Planning Phase*

- This phase will be completed following the public meeting.

### Future Steps:

#### *Design Phase*

- Typical duration of 18-24 months
- Finalize design, obtain permits, additional project survey, real estate, hold 3<sup>rd</sup> public meeting

#### *Construction*

- Limited to maximum of 2-years in duration

### Contact Info:

#### City Project Manager

Troy Eisenberger  
(704) 336-4835  
[teisenberger@ci.charlotte.nc.us](mailto:teisenberger@ci.charlotte.nc.us)

#### City Project Coordinator

Jackie Harris  
(704) 336-6770  
[jbharris@ci.charlotte.nc.us](mailto:jbharris@ci.charlotte.nc.us)

### Project Website:

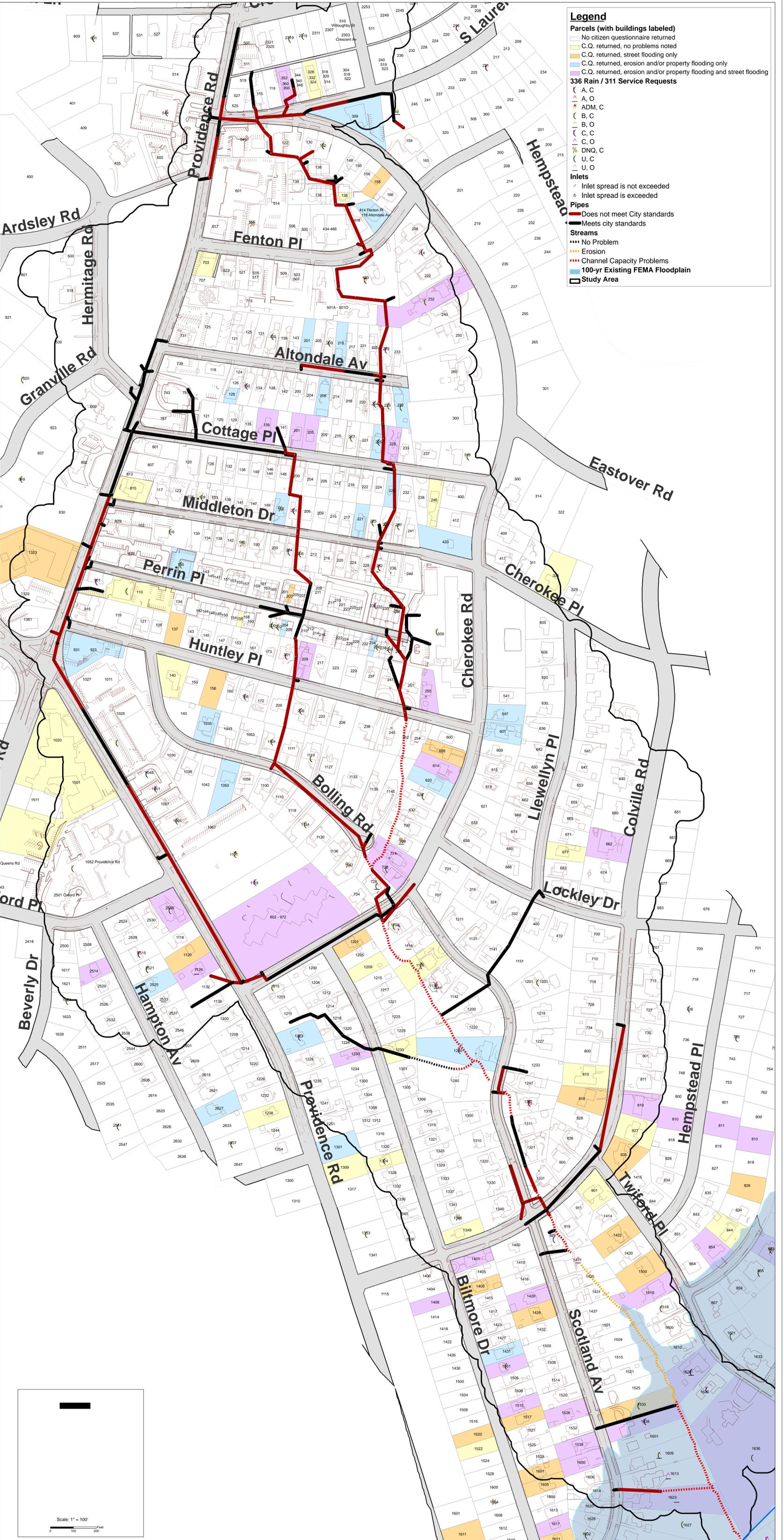
- <http://stormwater.charmeck.org>
- Click on "Storm Water Projects"
- Click on "Storm Water Projects"
- Click on "Cherokee/Scotland"

### Related Areas of Interest:

- Briar Creek Floodplain
  - Floodplain is currently being remapped. Community Task force has been set up to develop parameters.
  - Please contact Bill Tingle (704-336-3734) or David Love (704-432-0006) with questions
- Briar Creek Relief Sewer
  - Please contact George Jones (704-391-5133) with questions.

# Cherokee / Scotland Storm Water Capital Improvement Project

## Existing Conditions



**Legend**

**Parcels (with buildings labeled)**

- No citizen questionnaire returned
- C.Q. returned, no problems noted
- C.Q. returned, street flooding only
- C.Q. returned, erosion and/or property flooding only
- C.Q. returned, erosion and/or property flooding and street flooding

**336 Rain / 311 Service Requests**

- A, C
- A, O
- ADM, C
- B, C
- B, O
- C, C
- C, O
- DNQ, C
- U, C
- U, O

**Inlets**

- Inlet spread is not exceeded
- Inlet spread is exceeded

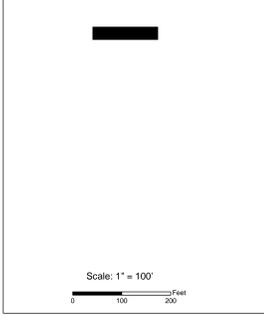
**Pipes**

- Does not meet City standards
- Meets city standards

**Streams**

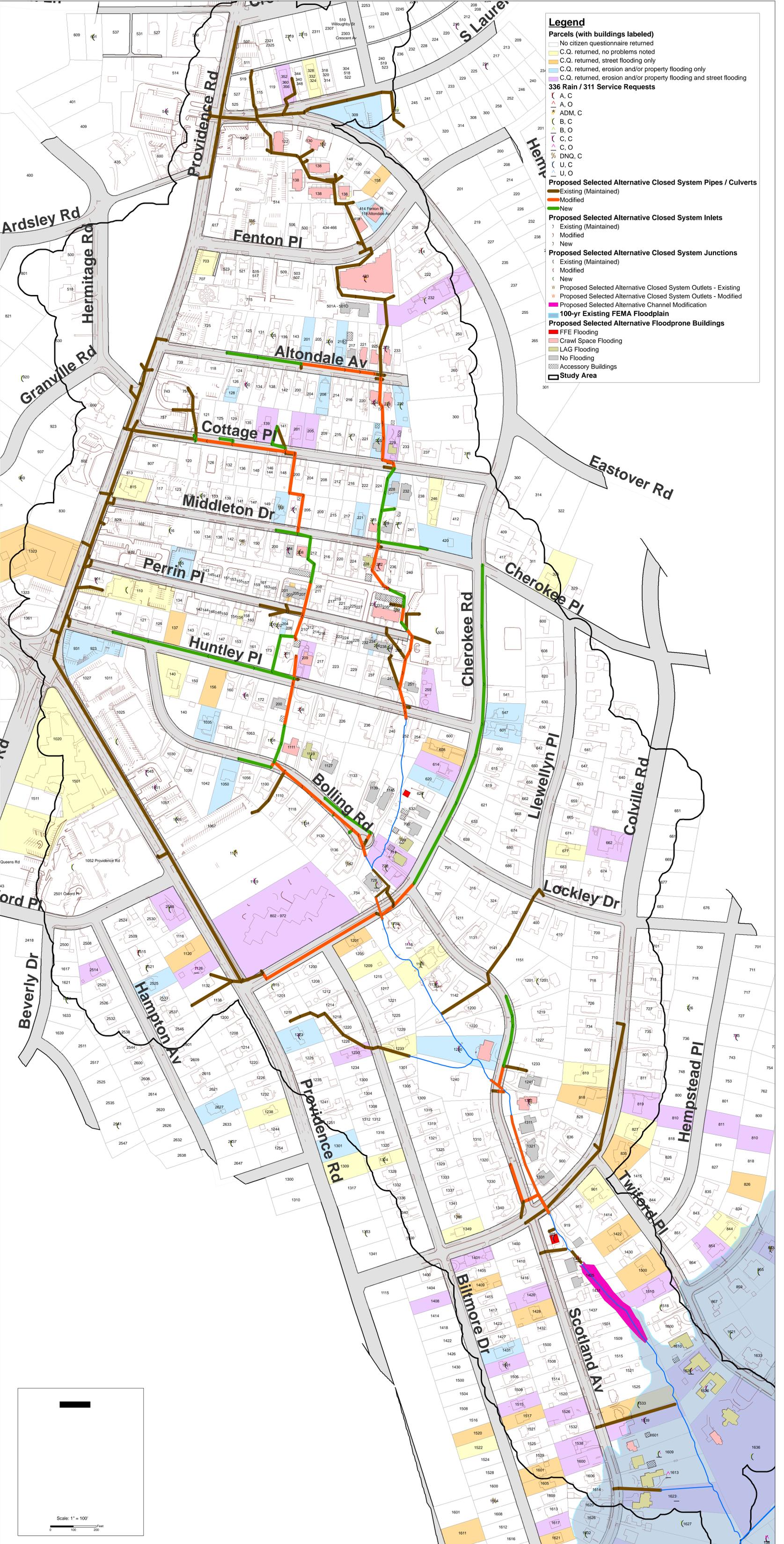
- No Problem
- Erosion
- Channel Capacity Problems
- 100-yr Existing FEMA Floodplain

**Study Area**

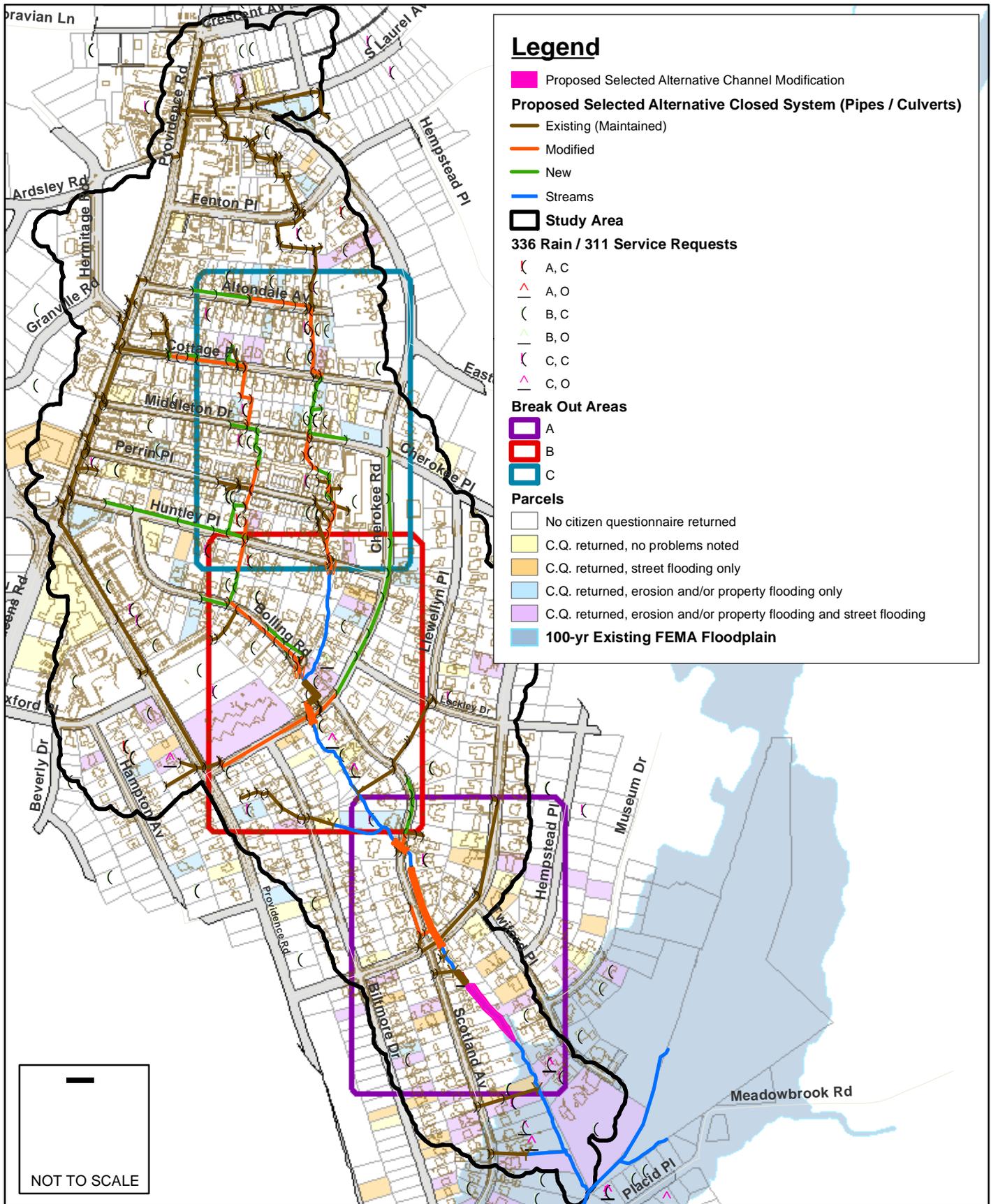


# Cherokee / Scotland Storm Water Capital Improvement Project

## Proposed Selected Alternative



# Cherokee / Scotland Storm Water Capital Improvement Project Proposed Selected Alternative



NOT TO SCALE

Date: May, 2008