

# **First Public Meeting**

## **Yancey Road Storm Drainage Improvement Project**

March 27, 2014 at 6:00 PM

### **I. Welcome & Introductions**

- First public meeting for the Yancey Road Storm Drainage Improvement Project
- *Charlotte Mecklenburg Storm Water Services*
  - Adrian Cardenas, PE – Project Manager  
Contact information: Phone: 704-336-4682 or Email: [acardenas@charlottenc.gov](mailto:acardenas@charlottenc.gov)
  - Doug Lozner, PE – Watershed Area Manager
- *US Infrastructure of Carolina, Inc.(USI) - Consultant*
  - S. Lance Strawn, PE – Project Manager
  - Chris Monteleone, EI – Project Engineer

### **II. Reminders – House Keeping Items**

### **III. Purpose of Meeting / Review Agenda**

- Provide a summary of the Existing Conditions Analysis
- Request Public feed back
- General information about Charlotte-Mecklenburg Storm Water Services Summary
- Project Selection – Why we choose Yancey Road as a project.
- **Present** the Existing Conditions Analysis Results.
- Discuss future project milestones, our path forward, and what you can expect next.

### **IV. Charlotte-Mecklenburg Storm Water Services Summary**

- We can trace our history back to 1911, when legislation was enacted to create the ***Mecklenburg County Drainage Commission***.
- Our department as it functions today was established in 1993 as ***Charlotte-Mecklenburg Storm Water Services***
- What Storm Water Services Does:
  - Improve the water quality of our creeks, lakes and ponds
  - Reduce flood risks:
    - Preventing or reducing the loss of life, disruption of services, and property damage caused by floods
    - Installing, upgrading and maintaining storm drains and pipes
    - Mapping floodplains and managing floodplain development
    - Preserving and restoring natural stream channels and the beneficial functions of floodplains
- Storm Water Services does not provide drinking water or sanitary sewer service. Water and sewer services are provided by the Charlotte-Mecklenburg Utility Department

### **V. Project Selection and Citizen Involvement**

- Explain why we choose Yancey Road as a project.  
This project was selected based on how it ranked compared to other projects with-in the city. Some of the reasons this area ranked high was because of the road flooding that occurs in this area as well several properties that experience flooding during heavy rain events. There are over 44 requests for service within the project area.

- **What we need from you.**
  - Feedback on our Existing Conditions modeled results.
  - Additional information on drainage related concerns.
  - Support for the project's future phases.

#### **VI. Presentation of the Existing Conditions Analysis Results**

- Lance Strawn from USI will present the Existing Conditions Analysis Results.
  - Four (4) culverts are undersized causing road flooding. Roads included are Yeoman Road, Yancey Road, S. Tryon Street, and Orchard Circle (2 crossings).
  - Seven (7) properties experience HVAC, Crawl Space and/or parking lot flooding during the 100-Year Storm event or less.
  - Three (3) properties experience finished floor flooding during the 100-Year storm event or less.

#### **VII. Future Project Milestones – Path Forward**

- **PLANNING** (Typically 16 to 23 mo.)
  - We began this project sending out survey notices back in July 2013.
  - The consultant has completed the Existing Conditions Analysis, (presented today)
  - During the Alternative Analysis planning phase, several improvement alternatives will be developed and evaluated to determine the best solution.
  - After careful consideration, a recommended alternative will be selected and presented to the community in a 2<sup>nd</sup> public meeting, and to be used as a guide for the design.
- **DESIGN** (Typically 21 to 34 mo.)
  - Design includes the development construction drawings for the selected improvements.
  - 3rd Public meeting will be held at 70% design plans to present to you a comprehensive view of our design.
  - Phase typically takes 21-34 months which includes the Easement Acquisition phase.
- **PERMITTING** (Typically 3 to 9 months, but usually **overlaps** the design phase)
  - The permitting phase runs concurrently with the design phase. Includes obtaining the required water quality permits from Federal & State government agencies.
- **EASEMENT ACQUISITION** (Typically 12 months)
- **BID** (Typically 4 to 5 months)
  - After all design plans are finalized and all easements are acquired, the final plans will be ADVERTIZED TO CONTRACTORS for them to BID on.
  - The BID PHASE of a project typically lasts 4 TO 5 MONTHS.
- **CONSTRUCTION** (Approximately 2 years)
  - Because projects vary in size, the typical **CONSTRUCTION PHASE** of a storm drainage improvement project is approximately 2 YEARS, though this can be delayed by weather and construction issues.
  - This is our typical time frame for this type of stormwater project.

#### **VIII. Wrapping Up**

#### **IX. General Questions**

#### **X. Small Group Breakout Sessions – Specific Property Issues / Questions**