

ENGINEERING & PROPERTY MANAGEMENT



PROJECT STRATEGY REPORT

September 30, 2013

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TOTAL # OF PROJECTS		157

IMPORTANT NOTE: SEE THE “NOTICE TO USERS” FOLLOWING THE COVERSHEET FOR A SUMMARY OF CHANGES MADE FROM LAST MONTH’S REPORT.

NEXT REPORT: OCTOBER 26, 2013

NOTICE TO USERS

➡ PLEASE BE AWARE THAT WE ARE CONTINUING TO MAKE CHANGES TO IMPROVE THE REPORT'S QUALITY. IF YOU HAVE A NEED FOR PRECISE SCHEDULE INFORMATION FOR A PROJECT, PLEASE CONTACT THE PROJECT MANAGER TO ENSURE YOUR NEED IS MET.

➡ THE FOLLOWING ARE NEW OR REVISED PROJECT LISTINGS:

PAGE #	PROJECT NAME	REMARKS
15	CMGC Chiller Replacement	New listing
56	Sunset Road Sidewalk	Work resumed; moved from "on hold" section
141	University Pointe Blvd., Phase 2	New listing

➡ THE FOLLOWING PROJECTS WERE NOTED AS BEING COMPLETE, ON HOLD INDEFINITELY, OR CANCELED IN THE LAST EDITION OF THIS REPORT, AND ARE OMITTED FROM THIS REPORT:

PROJECT TYPE	PROJECT NAME	REASON FOR OMISSION
	None this month	

PROJECT STRATEGY REPORT

PRINTING DATE

Project Number: E&PM'S ASSIGNED PROJECT I.D. NUMBER
Project Title: USUALLY THE PROJECT LOCATION & TYPE
Program Category: IDENTIFIES THE CIP SECTION
Program Title: IDENTIFIES THE SPECIFIC CIP PROGRAM
Fund/Center: THE PROJECT'S PRIMARY ACCOUNT NUMBERS
Project Mgr.: E&PM'S PRIMARY CONTACT FOR THE PROJECT
Project Mgr. Phone: PM'S OFFICE PHONE #
Consultant: ENGINEER / ARCHITECT DESIGNING THE PROJECT

A VICINITY MAP IS INCLUDED FOR EACH PROJECT TO INDICATE ITS GENERAL LOCATION AND LIMITS.

Project Summary:

A BRIEF DESCRIPTION OF THE PROJECT AND ITS GOALS.

Project Update:

Look Ahead:

COMMENTS CONCERNING ACTIVITIES & MILESTONES EXPECTED TO OCCUR IN THE NEXT 90 DAYS.

Current Status:

A BRIEF SUMMARY OF ACTIVITIES AND ISSUES DEALT WITH IN THE PAST 30 DAYS, OR UPCOMING IN THE NEXT 30 DAYS.

Last Month:

CURRENT STATUS COMMENTS FROM THE PREVIOUS MONTH'S REPORT.

Cost & Schedule Commitments:

Estimated Cost @ Completion:

IF E&PM HAS ESTABLISHED A TARGET FOR THE TOTAL OVERALL COST OF COMPLETING THE PROJECT, THAT FIGURE WILL APPEAR HERE. A "\$0" FIGURE WILL APPEAR IF THE TARGET HAS NOT BEEN SET.

Planning Activities:

Design Activities:

Real Estate Activities:

Bid Phase Activities:

FOR THESE PHASES, E&PM WILL GIVE THE START AND END DATES IN A "QUARTER OF THE CALENDAR YEAR" FORMAT FOR ANY PHASE UNDERWAY OR EXPECTED TO START IN THE NEXT 90 DAYS. DATES FOR A PHASE MAY CHANGE FROM MONTH TO MONTH, DEPENDING OF THE PROGRESS OF OUR WORK. IF A PHASE IS SCHEDULED TO START MORE THAN 90 DAYS AFTER THE REPORT DATE, ITS SCHEDULE IS LISTED AS "TBD" = "TO BE DETERMINED"

Construction Activities:

Landscape Bid Activities:

Landscape Activities:

IF E&PM HAS ESTABLISHED A TARGET SCHEDULE FOR CONSTRUCTING THE PROJECT, THE START AND END DATES PER THAT SCHEDULE WILL APPEAR HERE IN A "QUARTER OF THE CALENDAR YEAR" FORMAT. IF NO TARGET HAS BEEN SET, "TBD" IS SHOWN. A SCHEDULE FOR LANDSCAPING MAY ALSO BE SHOWN IF SUCH WORK IS A PART OF THE PROJECT, AND A CONSTRUCTION TARGET SCHEDULE HAS BEEN SET.

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PROJECT REPORTS

Project Number: 512-10-039
Project Title: N. Tryon Business Corridor (Dalton Ave. to 30th St.)
Program Category: ECONOMIC DEVELOPMENT
Program Title: Business Corridor Program
Fund/Center: 2010/0049360
Project Mgr: Tom Russell
Project Mgr Phone: 704-336-4639
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

This project will promote economic development for this area through infrastructure improvements. The project will extend along North Tryon Street from Dalton Avenue to 30th Street. It will provide a safer pedestrian environment by installing traffic calming features, crosswalks, sidewalks, planting strips, decorative lighting, and bike lanes, and by reducing the number and / or size of driveway openings. The project addresses City Council's goals for inciting development and supporting growth in distressed business corridors.

**Vicinity Map**

Project Update:

Look Ahead: Complete design phase.

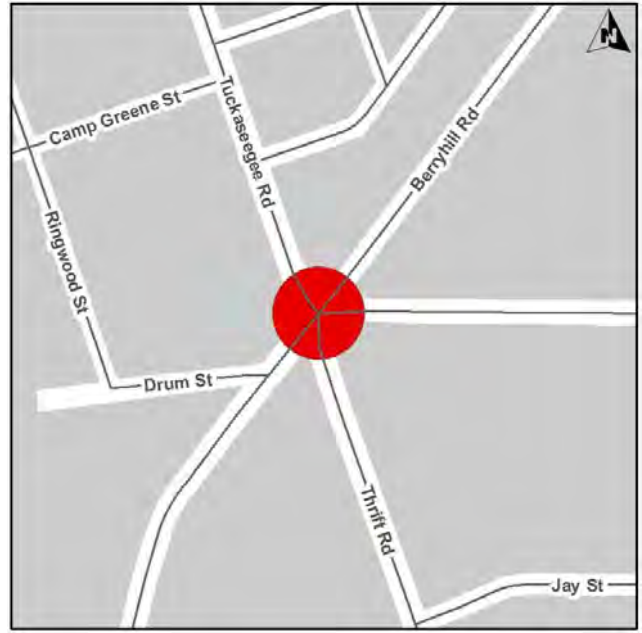
Current Status: (September 2013): Greenroad project team meetings were held on September 5, 2013. Also, monthly project team meeting was held on September 10, 2013. North Tryon art meetings were held on September 23&24, 2013. Met with WSOC on September 11&18, 2013 to coordinate solar farm. Met with Norfolk Southern on September 16, 2013 to discuss easement acquisition impacts for our project. Met with Mount Vernon Properties on September 22, 2013 to present possible donation request for easements for streetscape improvements from large project land holder in return to help fund the future 8 inch waerline that CMU would like to get in now on Church Street versus later as part of a

Last Month: (August 2013): Greenroad project team meetings were held on August 1, 2013. Also, monthly project team meeting was held on August 13, 2013. North Tryon biweekly arts meeting was held on August 20, 2013. Project leaders met with KBE's at Director's Steering Team meeting on August 22, 2013 to present possible donation request for easements for streetscape improvements from large project land holder in return to help fund the future 8 inch waerline that CMU would like to get in now on Church Street versus later as part of a public/private partnership. Kimley Horn is

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2016/End 4th Q 2017

Project Number: 512-13-034
Project Title: Tuckaseegee-Berryhill-Thrift Roundabout
Program Category: ECONOMIC DEVELOPMENT
Program Title: Business Corridor Program
Fund/Center: 2010/0049325
Project Mgr: Tom Russell
Project Mgr Phone: 704-336-4639
Consultant: In-House Design Project

**Vicinity Map****Project Summary:**

The project targets a five-leg intersection controlled by a traffic signal with excessive waiting times. The project limits are the 5 legged intersection where Tuckaseegee and Berryhill have 2 legs, and Thrift has one leg. The project will replace the signalized intersection with a roundabout. This improvement will reduce vehicle wait and idling time at the intersection thus improving air quality. The project was approved for \$728,000 in funding by the Mecklenburg-Union Metropolitan Planning Organization (MUMPO) through the Federal Congestion Mitigation & Air Quality (CMAQ) Program for FY2014. Project will also provide crosswalks, new sidewalks, planting strips, landscaping, decorative lighting, and utility relocation.

Project Update:

Look Ahead: Complete planning phase

Current Status: (September 2013): Project team met on August 29, 2013 to discuss public meeting comments and what changes to the design need to or can be made. In-house design is making tweaks to planning concept before we schedule 2nd public meeting.

Last Month: (August 2013): First public meeting was held August 22, 2013. Turnout was decent with 20 citizens and property owners. Project was well received by public. Project team is meeting on August 29, 2013 to discuss public meeting comments and what changes to the design need to or can be made. July 2013: Survey data has been collected for planning/design purposes and team is working on 1st public meeting setup. June 2013: Project kickoff meeting was held on June 10, 2013. Survey data is being collected and anticipate 1st public meeting in a couple of months. May

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-12-026
Project Title: Oakhurst Redevelopment
Program Category: ECONOMIC DEVELOPMENT
Program Title: Economic Development - Miscellaneous
Fund/Center: 2010/0047761
Project Mgr: Jack Fulghum
Project Mgr Phone: 704-336-3646
Consultant: In-House Design Project

Project Summary:

This project is being built to promote community growth and redevelopment and improve safety by widening Monroe Road with the addition of left-turn lanes and realigning Chippendale Road to form intersection with Richland Drive. The project will include curb and gutter, storm drain, sidewalk, and bike lane.

**Vicinity Map**

Project Update:

Look Ahead: Finalizing real estate and starting bid phase.

Current Status: Sept. 2013: All easements and r/w donations have been signed except the CMS parcels. CMS is waiting for the parking lot design from Land Design before they give us right of entry. Neighborhood and Business Services has executed contract with LandDesign for the design of the parking lot. We will proceed with bid phase.

Last Month: August 2013: The two private owners have signed thier easements. We are waiting on the developer and CMS. The changes to the documents for the developer are final and waiting on signature. We should be able to start bid phase the first week of Sept. with "right of entry".

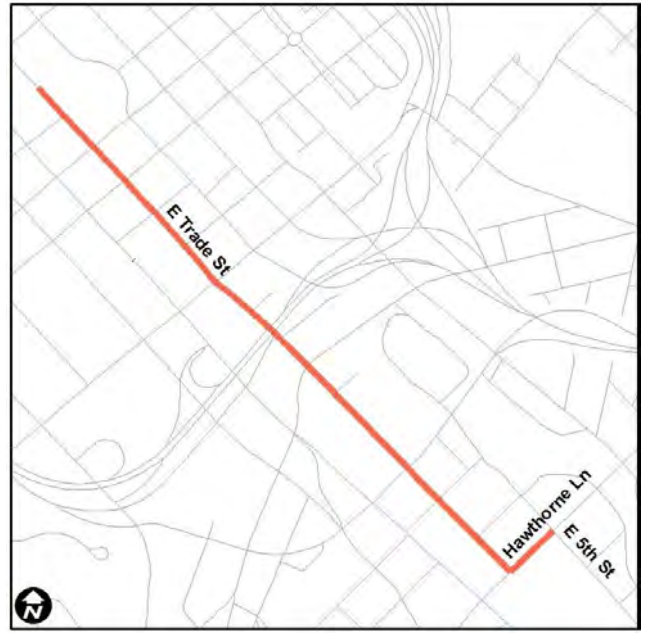
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,400,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 3rd Q 2014/End 4th Q 2014

Project Number: 512-11-001
Project Title: Streetcar Starter Project (Trade / Brevard to Elizabeth / Hz
Program Category: ECONOMIC DEVELOPMENT
Program Title: Economic Development - Miscellaneous
Fund/Center: 2010/0049345
Project Mgr: John Mrzygod
Project Mgr Phone: 704-336-2245
Consultant: URS Corporation - North Carolina

Project Summary:

The Streetcar Starter Project will design and build the a streetcar system from the Charlotte Transit Center to Presbyterian Hospital along Trade Street and Elizabeth Avenue. The project is partially funded by an FTA Urban Circulator Grant.

**Vicinity Map**

Project Update:

Look Ahead: Begin passenger service by end of March 2015.

Current Status: (September 2013) Utility relocation continues. The contractor is installing waterline, storm drainage, conduit, sanitary sewer manholes, and OCS pole foundations. This work is expected to continue through November. The running rail has been delivered to the construction yard. Rail installation is scheduled to begin at the end of the year. Overall construction is approximately 28% complete.

Last Month: (August 2013) Utility relocation continues. The contractor is installing waterline, storm drainage, conduit, and OCS pole foundations. This work is expected to continue through November. Rail installation is scheduled to begin at the end of the year. Overall construction is approximately 22% complete.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$37,000,000.00

Planning Activities:

Design Activities: In-progress/End 4th Q 2013

Real Estate Activities: Complete

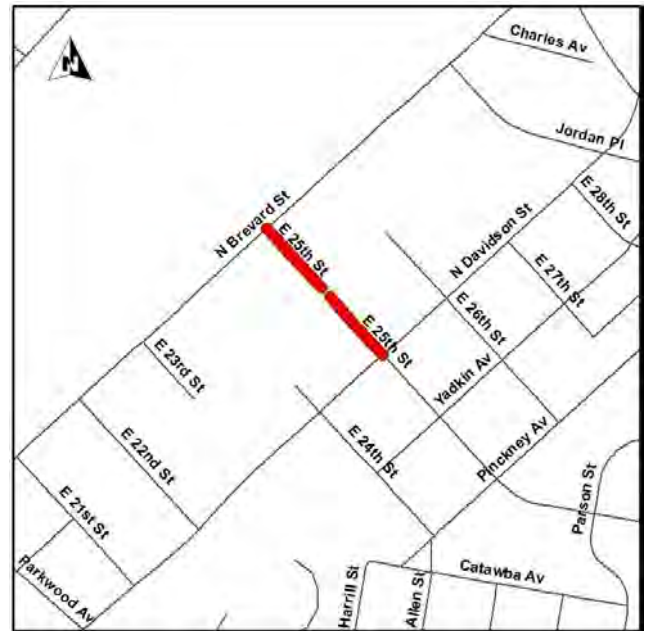
Bid Phase Activities: Complete

Construction Activities: In-progress/End 1st Q 2015

Project Number: 512-14-005
Project Title: 25th Street Connection
Program Category: ECONOMIC DEVELOPMENT
Program Title: Northeast Transit Corridor Infrastructure Program
Fund/Center: 2010/0048300
Project Mgr: Len Chapman
Project Mgr Phone: 704-336-6750
Consultant: Consultant Not Required

Project Summary:

This project was derived from the Northeast Corridor Infrastructure Improvement Program (NECI) planning study. The project limits are from N. Davidson to N. Brevard and will connect 25th Street over Upper Little Sugar Creek via a bridge or culvert structure. Project will also add curb & gutter, street and pedestrian lights, street trees, sidewalk, planting strips, bike lanes and on-street parking (from the bridge/culvert to N Brevard Street). The project will support transit oriented development by improving accessibility for pedestrians and bicyclists, and by providing vehicular connections to the future 25th Street light rail station. The connection of 25th Street will also provide a direct connection from the Villa Heights neighborhood to the 25th Street station.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Professional services contract to be approved and signed. Goal is to take contract to council November 11th, 2013.

Current Status: September 2013: Design level survey has been requested. Met with County & City Stormwater to discuss Floodland Development permit. Consultant met with Duke to discuss transmission line. Negotiating professional services contract, reviewing scope and fees with project team.

Last Month: August 2013: Kimley-Horn selected as consultant. Contracts held kick-off meeting to go over new contract, and discuss shedule. July 2013: New project, in consultant selection phase

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Start 4th Q 2013/End 3rd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-12-017
Project Title: Poindexter LRT X-ing
Program Category: ECONOMIC DEVELOPMENT
Program Title: Smart Growth
Fund/Center: 2010/0049444
Project Mgr: Sharon Buchanan
Project Mgr Phone: 704-336-2044
Consultant: Consultant Not Required

Project Summary:

Project will consist of design and construction of a new street crossing over the Lynx Blue Line track at Poindexter Dr. This project is a public/private initiative. City is participating at a 2/3 level up to \$800K

**Vicinity Map**

Project Update:

Look Ahead: The opening of the crossing has been delayed by the developer's schedule and associated completion of the approach to the crossing. It should be open in late August.

Current Status: Sept 2013 - The crossing is open and the developer's sales office is open. A ribbon cutting will be scheduled when the developer has completed more of his work and the site looks better. It will likely occur in late October.

Last Month: Aug 2013 - The crossing is now open. A ribbon cutting will be scheduled when the developer has completed more of his work and the site looks better. It will likely occur in October.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,700,000.00
Planning Activities:
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities:
Bid Phase Activities: Complete
Construction Activities: Completed

Project Number: 512-11-032
Project Title: CMU Dry Storage Shed
Program Category: FACILITIES INVESTMENT
Program Title: Facilities Replacement
Fund/Center: 0000/0000000
Project Mgr: David Smith
Project Mgr Phone: 704-336-4626
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

Construction of a new pole-supported roof for CMUD Zone 2 to protect items such as stone, topsoil, etc. that are sensitive to moisture. The roof structure will be approximately 105' wide x 46' deep x 26' tall and cover four existing concrete storage bins. Due to the open building front and sides, no lighting will be needed, nor will any mechanical or electrical systems.

**Vicinity Map**

Project Update:

Look Ahead: Begin construction.

Current Status: September 2013: Pre-construction meeting was held on September 19th.

Last Month: August 2013: Contract is in the process of being encumbered.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$400,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities:
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2014

Project Number: 512-12-052
Project Title: Fire Investigations Facility Renovations
Program Category: FACILITIES INVESTMENT
Program Title: Facilities Replacement
Fund/Center: 2010/0047794
Project Mgr: Bruce Miller
Project Mgr Phone: 704-336-4469
Consultant: Consultant Not Required

Project Summary:

This existing facility will be renovated to house the Fire Arson Task Force (Fire Investigations). This facility is located at 1222 Statesville Avenue.

**Vicinity Map**

Project Update:

Look Ahead: To complete bid phase and start construction.

Current Status: (September 2013): Project in bid phase. Construction estimate exceeds available funding, but we will bid project to determine actual shortfall, per Budget Office directive. The schedule for construction completion is the end of 4th quarter 2014. Project Manager, Bruce Miller, 704-336-4469.

Last Month: (August 2013): Project in permitting phase. The bid phase is still on scheduled to start in 3rd quarter 2013. Construction estimate exceeds available funding, but we will bid project to determine actual shortfall, per Budget Office directive. The schedule for construction completion is the end of 4th quarter 2014. Project Manager, Bruce Miller, 704-336-4469.

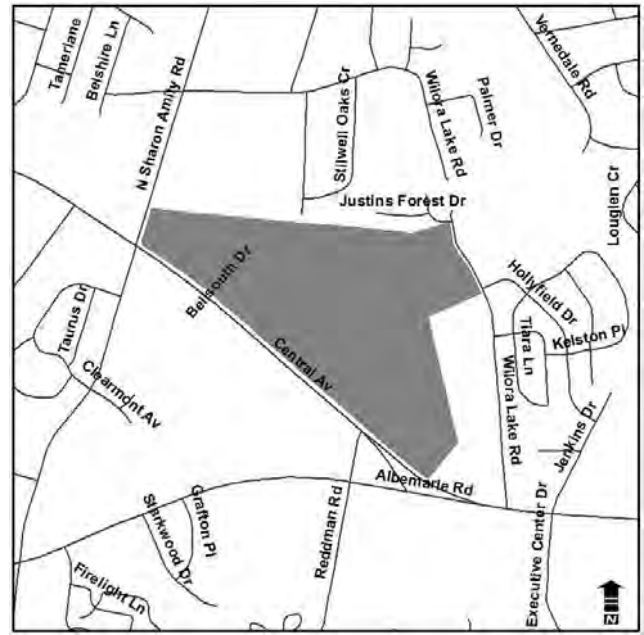
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Complete
 Design Activities: Complete
Real Estate Activities:
 Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: TBD

Project Number: 512-13-019
Project Title: Eastland Mall Demolition
Program Category: FACILITIES INVESTMENT
Program Title: Misc. Facilities Projects
Fund/Center: 2010/0047483
Project Mgr: Monifa Hendrickson
Project Mgr Phone: 704-432-2577
Consultant: Consultant Not Required

Project Summary:

This project involves demolition of part or possibly all of the existing Eastland Mall in order to minimize annual operating costs. Initial work will include environmental surveys and other work as needed to determine the scope of the demolition work, and to develop contract documents for the work.

**Vicinity Map**

Project Update:

Look Ahead: Continue demolition and salvage operations. Install site security and erosion control.

Current Status: September 2013: Demolition has begun. Site mobilization is complete. Utility disconnect coordination has started, and salvage operations have begun. Site redevelopment Request For Qualifications (RFQ) have been received and are under evaluation.

Last Month: August 2013: Demolition bids have been received. The Notice to Proceed has been issued and permits have been obtained. Site mobilization is complete. Utility disconnect coordination has started, and salvage operations have begun. Site redevelopment Request For Qualifications (RFQ) have been received and are under evaluation.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities:
Real Estate Activities:
Bid Phase Activities: Complete
Construction Activities: TBD

Project Number: 512-11-037
Project Title: 911 Communications Center
Program Category: FACILITIES INVESTMENT
Program Title: New Facilities
Fund/Center: 2010/
Project Mgr: Bruce Miller
Project Mgr Phone: 704-336-4469
Consultant:

Project Summary:

Design and construct a new consolidated communications center, approximately 73,400 square feet. The facility will be located on 4.80 acres at 1315 N. Graham Street and if needed an additional 2.14 acres at 1419 N. Graham Street. This building will co-locate Charlotte Mecklenburg Police, and Fire Department 911 dispatch, Emergency Operations Center, 311 Call Center, CDOT Traffic Camera Division, Charlotte Data Center, and Mecklenburg County Sheriff Communications Division. This facility will be designed to handle day to day emergency operations and serve as a central hub for disaster management.

**Vicinity Map**

Project Update:

Look Ahead: Complete Schematic Phase and establish schedule.

Current Status: (September 2013) On June 10, 2013, City Council approved the City Manager's CIP budget proposal to fund the 911 Communications Center for \$68 million, therefore \$24 million appropriated in FY14, and the remaining \$44 million will be appropriated in FY15. This amount will be added to the initial CIP funded amount of \$6 million in FY12, and \$4 million from 911 Surcharge Fund Balance (previously used to purchase land), for a total of \$78 million. Scope of services and contract negotiation phase for Architectural Design and project Commissioning in process. RFQ for Construction Manager at Risk for pre-construction services is also in process. Project schedule TRD after Schematic

Last Month: (August 2013) No update due to CCD to start work up again. Project Manager, Bruce Miller at 704-336-4469.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 3rd Q 2015
Real Estate Activities: In-progress/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-11-004
Project Title: CMPD Eastway Station
Program Category: FACILITIES INVESTMENT
Program Title: New Facilities
Fund/Center: 2010/0047791
Project Mgr: Michelle Haas
Project Mgr Phone: 704-336-3654
Consultant: C-DESIGN

Project Summary:

This project will construct a new CMPD building facility to meet current and future needs of the Eastway Patrol and Administration division in addition to housing Neighborhood Services' code enforcement.

**Vicinity Map**

Project Update:

Look Ahead: Construction continues.

Current Status: Sept 2013 Construction continues. Floor slab has been poured. Storm drainage work along Central Ave is complete. Detention system has been installed. Roofing has begun.

Last Month: August 2013 Construction continues. ICF walls have been poured. Floor slab is in the process of being poured. Storm drainage work along Central Ave continues; several conflicts have been encountered which have caused the project to be delayed (number of days to be determined).

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,000,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2014

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-13-047
Project Title: CMPD Westover Division Station
Program Category: FACILITIES INVESTMENT
Program Title: New Facilities
Fund/Center: 2010/0047951
Project Mgr: Monifa Hendrickson
Project Mgr Phone: 704-432-2577
Consultant: Consultant Not Required

(Vicinity Map Not Yet Available)

Project Summary:

Construct a new CMPD building facility to meet current and future needs of the Westover Patrol and Administration division.

Vicinity Map

Project Update:

Look Ahead: Continue professional services procurement. Continue environmental testing on potential site.

Current Status: September 2013 Project planning continues with site selection and environmental investigation.

Last Month: August 2013 The RFQ for architect selection has been issued. Environmental investigation continues on potential site.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$10,500,000.00
Planning Activities: TBD
Design Activities: TBD
Real Estate Activities: In-progress/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-09-004
Project Title: Fire Administration Headquarters
Program Category: FACILITIES INVESTMENT
Program Title: New Facilities
Fund/Center: 0000/0047787
Project Mgr: Bruce Miller
Project Mgr Phone: 704-336-4469
Consultant: FRYDAY & DOYNE, INC.

**Vicinity Map**

Project Update:

Look Ahead: Complete construction by 4th quarter 2013.

Current Status: (September 2013) Construction continues, however, the contractor is behind the contract schedule. Installation of the windows and window supports are several months late. Currently trying to remedy dimensional issues with steel window sash fittings between steel surrounds. Minimal interior work is on-going at this time and will not begin in earnest until the windows are in place. Construction of retaining wall is near completion. The contract does include provisions for liquidated damages that can be enforced if the contractor is unable to complete the project on schedule. Construction completion percentage has been reduced from 80% to 65% complete due to change order for additional

Last Month: (August 2013) Construction continues, however, the contractor is behind the contract schedule. Fabrication and delivery of the windows and window supports are several weeks late. Minimal interior work is on-going at this time and will not begin in earnest until the windows are in place. Construction is occurring on grading and retaining walls. The contract does include provisions for liquidated damages that can be enforced if the contractor is unable to complete the project on schedule. Construction is approximately 80% complete. Bruce Miller, 704-336-4469

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$17,100,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-14-004
Project Title: Blumenthal Restroom Renovations
Program Category: FACILITIES INVESTMENT
Program Title: Renovations
Fund/Center: 2010/0048040
Project Mgr: Kathleen Santimaw
Project Mgr Phone: 704-432-5214
Consultant: Consultant Not Required

(Vicinity Map Not Yet Available)

Project Summary:

Renovation of Blumenthal Performing Arts Center to provide additional restroom facilities for patrons during well-attended events.

Vicinity Map

Project Update:

Look Ahead: October 2013: Council approval anticipated October 28th.

Current Status: September 2013: Bids currently being reviewed. Apparent Low Bidder rejected due to inefficient GFEs and SBE utilization.

Last Month: August 2013: Project advertised for bid beginning of the month. Bid opening scheduled for September 3rd.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: In-progress/End 2nd Q 2014
Construction Activities: TBD

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-14-006
Project Title: CMGC Chiller Replacement
Program Category: FACILITIES INVESTMENT
Program Title: Renovations
Fund/Center: 2010/0047475
Project Mgr: Jeff Furr
Project Mgr Phone: 704-336-7046
Consultant: Consultant Not Required

(Vicinity Map Not Yet Available)

Project Summary:

The project will replace 3 chillers, pumps, and associated piping in the Charlotte-Mecklenburg Government Center mechanical plant.

Vicinity Map

Project Update:

Look Ahead: Consultant selection and contract scope of services negotiations.

Current Status: September 2013: The design services RFQ was advertised on August 8, 2013. A total of 12 proposals were received on August 29 and are currently being reviewed. A selection committee meeting is scheduled for October 8 at 3:00pm.

Last Month: August 2013: The design services RFQ was advertised on August 8, 2013. The IPDS project initiation document was reviewed and approved by leadership on August 13. A selection committee meeting is scheduled for September 24 at 3:00pm..

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: Start 4th Q 2013/End 2nd Q 2014
Real Estate Activities: Complete
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-12-055
Project Title: CMPD LEC Energy Improvements
Program Category: FACILITIES INVESTMENT
Program Title: Renovations
Fund/Center: 2010/0048040
Project Mgr: Jeff Furr
Project Mgr Phone: 704-336-7046
Consultant: Consultant Not Required

Project Summary:

Energy efficient upgrades to CMPD-Law Enforcement Center consisting of controls re-commissioning, chiller plant upgrades, air handling modifications, and lighting upgrades.

**Vicinity Map**

Project Update:

Look Ahead: Completed bid advertisement and award by December 9th.

Current Status: September 2013: Construction documents are under review and are to be finalized for bid advertisement on October 9th. Budget will be reviewed and confirmed. A tentative bid opening date is set for 11/15/13 and award on 12/09/13.

Last Month: August 2013: Design: Final Design review has been completed. Construction documents are being prepared. Emergency backup generator installation project scheduling will be discussed in the coming weeks and coordinated as needed with the LEC mechanical project. Garage Lighting Construction: The lighting replacement project was completed on August 22, 2013.

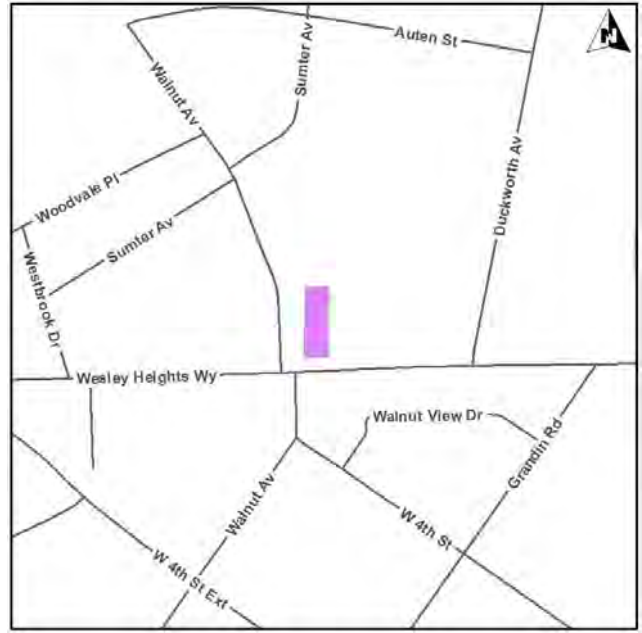
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$750,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: In-progress/End 3rd Q 2014

Project Number: 512-13-043
Project Title: Fire Sta. #5 Mechanical Renovations
Program Category: FACILITIES INVESTMENT
Program Title: Renovations
Fund/Center: 2010/0048040
Project Mgr: David Smith
Project Mgr Phone: 704-336-4626
Consultant: Consultant Not Required

Project Summary:

The mechanical systems at Fire Station 5 are outdated, and there is no room within the building envelope to replace with modern equipment. An addition to the building will be constructed on the north side of the station to house new equipment.

**Vicinity Map**

Project Update:

Look Ahead: Open bids and prepare RCA for a targeted November 11th Council Date.

Current Status: September 2013: Project was advertised for bid on September 23rd. Bid opening is scheduled for October 15th.

Last Month: August 2013: Final design plans are under review.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$650,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: Start 4th Q 2016/End 3rd Q 2017

Project Number: 512-12-027
Project Title: Fire Station 20 Renovations
Program Category: FACILITIES INVESTMENT
Program Title: Renovations
Fund/Center: 2010/0036770
Project Mgr: Monifa Hendrickson
Project Mgr Phone: 704-432-2577
Consultant: Consultant Not Required

Project Summary:

This project involves planning, design, and construction administration of expansion and renovations of Fire Station #20. This Station is located at 9400 Nations Ford Road. Renovations will include adding an exercise room and bringing station up to today's standards in size, use and function. Expansion will be approximately 1100 square feet.

**Vicinity Map**

Project Update:

Look Ahead: Continue construction. Complete exterior wall framing, begin interior wall framing and complete MEP rough in.

Current Status: October 2013: Utility coordination and foundations are complete. Exterior wall framing is in progress.

Last Month: September 2013: Building permits have been obtained. The Notice-to-Proceed for construction has been issued and construction has begun. Utility relocation is nearing completion and the special inspections process has been initiated.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$500,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities:
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2014

Project Number: 512-13-035
Project Title: Fuel-Fare-Wash D2 Contract, CATS Building Renovation
Program Category: FACILITIES INVESTMENT
Program Title: Renovations
Fund/Center: 2078/8021712
Project Mgr: Bruce Miller
Project Mgr Phone: 704-336-4469
Consultant: GANNETT FLEMING, INC.



Vicinity Map

Project Update:

Look Ahead: Complete construction by end of 4th quarter 2013.

Current Status: (September 2013) The FFW building renovation project is approximately 50% complete. The following work has been completed: Cabinets and countertops, removal and installation of 90% of the exterior panels, fluid tanks and conduit, installation of bathroom sink and toilet, exterior doors and 3 overhead doors have been installed, and additional lighting in wash bay area and exterior building lighting. The following work is ongoing; exterior panels, remaining overhead door installation, fire alarm system, some electrical outlets, and Heating, Ventilation, and Air Conditioning (HVAC) system. Construction is scheduled to be completed by December 2013. Project Manager, Bruce Miller, at 704-336-4469.

Last Month: (August 2013) The FFW building renovation project is approximately 35% complete. The following work has been completed: Rough-ins for electrical; Heating, Ventilation, and Air Conditioning (HVAC) ductwork; drywall and painting; ceiling grid; demolition of vacuum ductwork; and removal and installation of 45% of the exterior panels. Installation of fluid tanks, electrical, and HVAC system is ongoing. Construction is scheduled to be completed by December 2013. Project Manager, Bruce Miller, at 704-336-4469.

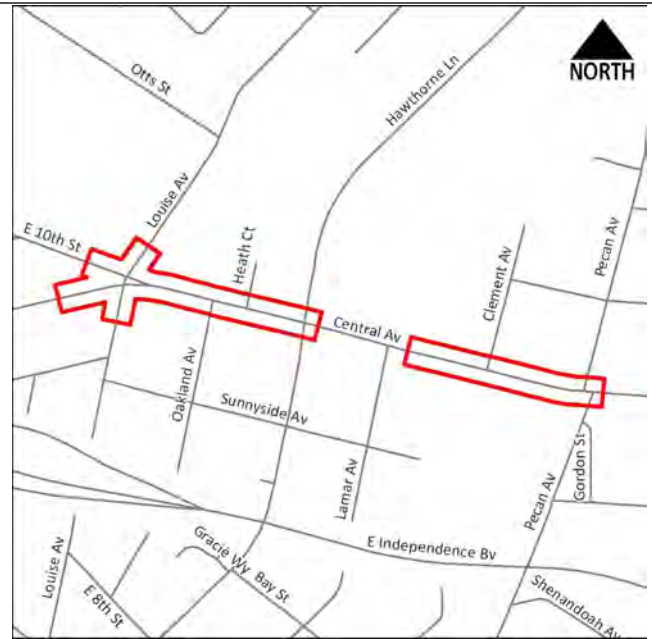
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,550,000.00
 Planning Activities: Complete
 Design Activities: Complete
Real Estate Activities:
 Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-12-029
Project Title: 10th/ Central/ Louise Pedestrian Improvements
Program Category: NEIGHBORHOODS
Program Title: Area Plan Projects
Fund/Center: 0000/0025132
Project Mgr: Sharon Buchanan
Project Mgr Phone: 704-336-2044
Consultant: Consultant Not Required

Project Summary:

This project includes pedestrian crossing improvements at the intersection of 10th/Central/Louise. A planning study will be completed to determine what can be done.

**Vicinity Map**

Project Update:

Look Ahead: Complete the Planning Phase in 1st Qtr 2014.

Current Status: Sept 2013: The project team has increased the scope of the project to include aesthetic enhancements at 2 corners within the intersection. The Planning Phase has been extended and a contract amendment with Kimley-Horn is being prepared.

Last Month: Aug 2013: Concepts are being finalized in preparation for the first public meeting to occur in late September.

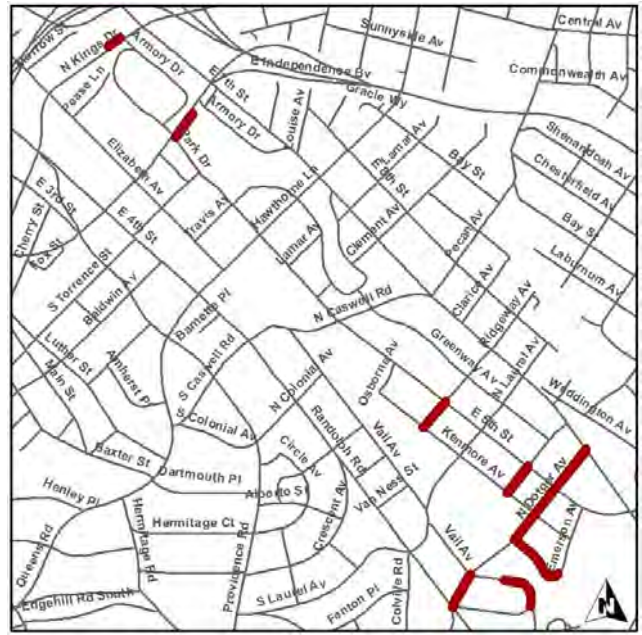
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-13-044
Project Title: Elizabeth Connectivity
Program Category: NEIGHBORHOODS
Program Title: Area Plan Projects
Fund/Center: 2010/0025134
Project Mgr: Len Chapman
Project Mgr Phone: 704-336-6750
Consultant: Consultant Not Required

Project Summary:

This project was derived from the Elizabeth Area Plan. The purpose of the project is to establish a series of mobility enhancements in the Elizabeth neighborhood that, when carried out together, will support increased pedestrian and bicycle network connectivity and wayfinding.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: For proposed sidewalk locations, meet with affected property owners and show concept plans. Work with Park and Recreation to determine when the Charlottetowne tunnel can reopen.

Current Status: September 2013: In House Design is working on concepts for proposed sidewalk locations and multi-use-paths. Held team meeting to discuss sidewalk standards and policy in order to be consistent throughout the neighborhood. Attended Alan Goodwin's meeting with Elizabeth neighborhood leaders to give an update on the connectivity project.

Last Month: August 2013: In House Design is working on concepts for proposed sidewalk locations. Also, working on a plan of action for meeting with affected property owners. And, the survey work is complete for both multi-use-path locations. July 2013: Final project plan approved by the Division Manager. Continue planning phase, submit survey requests for multi-use-path design. June 2013: Kickoff meeting held May 28th, project team reviewed IPDS project plan. Final project plan sent to Division Manager for approval. May 2013: Meeting scheduled June 11, 2013 with Program

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-10-023
Project Title: Fifth St. Streetscape
Program Category: NEIGHBORHOODS
Program Title: Area Plan Projects
Fund/Center: 2010/0025131
Project Mgr: Sharon Buchanan
Project Mgr Phone: 704-336-2044
Consultant: In-House Design Project

Project Summary:

Project will include streetscape improvements along 5th Street from Johnson C Smith University to Irwin Avenue.

**Vicinity Map**

Project Update:

Look Ahead: Construction is scheduled to begin by 4th Qtr 2013.

Current Status: Sept 2013: The Contract Execution will be complete the end of this week and plans will be delivered. Construction preparation will follow.

Last Month: Aug 2013: City Council approved the construction contract Aug. 26, 2013. Contract Execution is underway. Bid phase is scheduled to be complete in 3rd Q 2013.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,500,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 2nd Q 2014/End 1st Q 2015

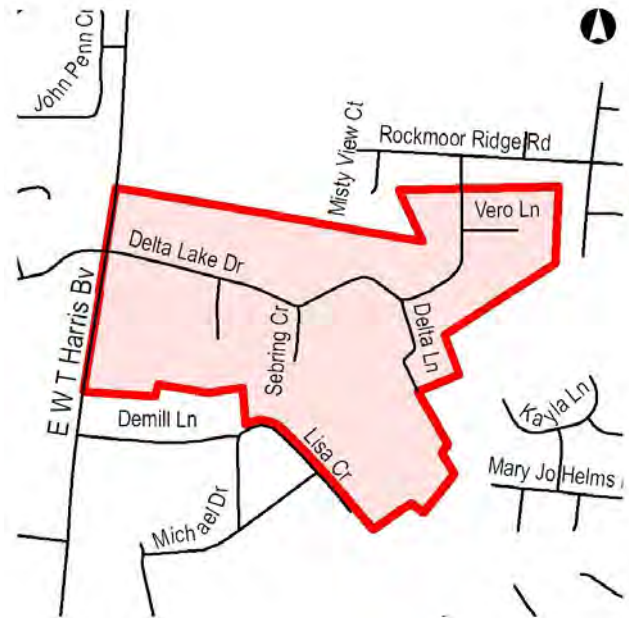
PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-07-065
Project Title: Delta Lake NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047872
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

This project will involve making various infrastructure improvements, such as curb and gutter, sidewalk and storm drainage, within the Delta Lake neighborhood. This neighborhood is located off of Harris Boulevard at Delta Lake Drive.



Vicinity Map

Project Update:

Look Ahead: Construction is in the Warranty Phase and the Landscaping Phase will occur in the fall of 2013.

Current Status: Sept 2013 - Construction is complete and the Warranty phase will extend through March 2014. The contractor will soon begin the punch list created from the 6-month inspection. The landscaping phase will begin in fall.

Last Month: Aug 2013 - Construction is complete and the Warranty phase will extend through March 2014. The 6-month inspection was held on August 22, 2013. The end of Michael Dr will be reconfigured to provide a better angle for water to enter the riprap ditch and grass seed will be spread in several locations. The landscaping phase will occur in the fall of 2013.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,300,000.00

Planning Activities: Complete

Design Activities: Complete

Real Estate Activities: Complete

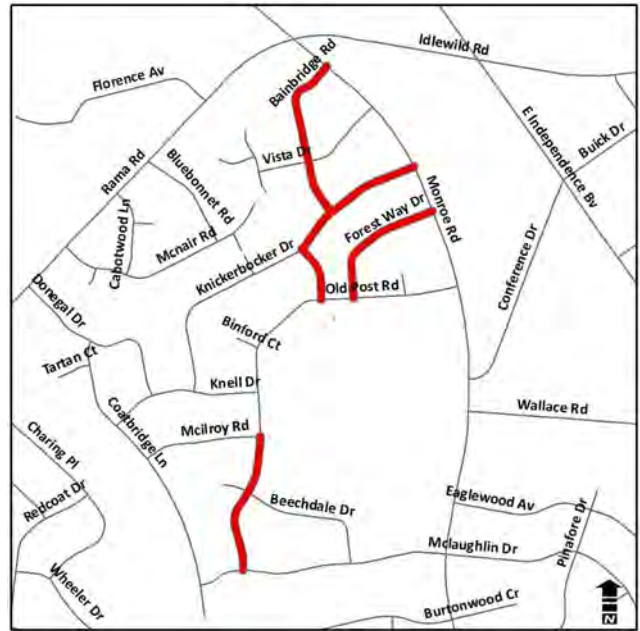
Bid Phase Activities: Complete

Construction Activities: Completed

Project Number: 512-10-031
Project Title: East Forest Ph2 NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047857
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

This is a 2008 Neighborhood Bond Project that will provide neighborhood improvements in the areas bounded by Rama Road to the north, Monroe Road to the east, Thermal Road to the south and Railroad to the west. Improvements include features such as sidewalks, curb and gutter, driveway aprons, storm drainage, and landscaping.

**Vicinity Map**

Project Update:

Look Ahead: The Bid phase will begin in late October, ahead of schedule, and extend through April 2014 (through contract execution).

Current Status: Sept 2013 - I received 100% plans, specs and cost estimate on Sept 3 to obtain department sign-offs. The team is now reviewing these plans. Bid phase will begin in late October, ahead of schedule.

Last Month: Aug 2013 - The Real Estate Acquisition phase complete. No condemnations! I will receive 100% plans, specs and estimate on Sept 3 to obtain department sign-offs.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 1st Q 2015/End 3rd Q 2015

Project Number: 512-07-028
Project Title: Eastway-Sheffield NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 0000/0047860
Project Mgr: Keith Carpenter
Project Mgr Phone: 704-336-3650
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

This is a 2008 Neighborhood Bond Project that will provide improvements in the area bordered by Eastway Drive on the west, Central Avenue on the north, Albemarle Road and Sharon Amity Road on the east, and Independence Boulevard on the south. Improvements may include sidewalk, curb & gutter, driveway aprons, storm drainage, landscaping, lighting, etc.

**Vicinity Map**

Project Update:

Look Ahead: Construction began on July 15 with a construction contract duration of 180 days. A large Change Order is now being prepared to add additional sidewalk work to the project.

Current Status: Sept 27 - Construction is underway and approx 30% complete. The contractor is now pricing work for an upcoming change order to add several streets to his construction work.

Last Month: Aug 20 - Construction is underway and approx 15% complete. The contractor is now pricing work for an upcoming change order to add several streets to his construction work. The estimated cost for this work is \$300k to \$400k and is to be paid for through the Sidewalk Program. June 27 - Bids were accepted on April 23rd. Council Award is set for May 28th. The PreConstruction Conference is set for July 9th. Construction should begin in mid/late July. May 24 - Bids were accepted on April 23rd. Council Award is set for May 28th. Construction should begin in mid July. April 26 - Bids

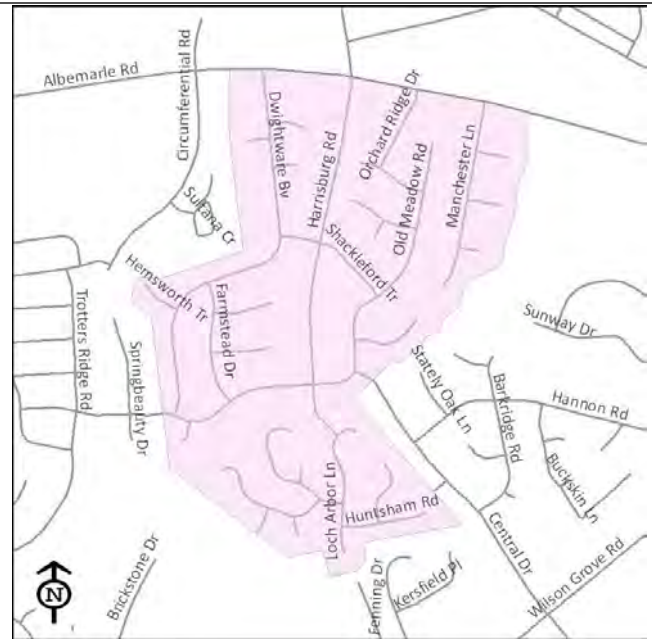
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,000,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2014

Project Number: 512-08-053
Project Title: Eastwoods NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047880
Project Mgr: Cary Chereschkoff
Project Mgr Phone: 704-336-7040
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) in the neighborhood, which is bordered by Albemarle Road, Wilgrove-Mint Hill Road, Wilson Grove Road, tributaries of McAlpine Creek, and the Mint Hill town limits. Full funding for the project is provided through a 2010 bond referendum.

**Vicinity Map**

Project Update:

Look Ahead: September 2013: When plans are submitted, staff will begin reviewing and signing off. PM will send a communication to residents updating the status as well as a reminder to residents to move non standard items that are in the right of way if they want to protect the items.

Current Status: September 2013: Consultant is late in submitting final plans, specs and estimate. NCDOT Encroachment package has been picked up. Revisions to design plans, cross sections, and estiamte have been completed for adding curb and gutter on Shackelford. Consultant indicated they will provide their QA/QC final review of sealed plans and specs by October 4.

Last Month: August 2013: Consultant is late in submitting final plans, specs and estimate. However they have : · Spoken with Brian Tarlton regarding E&PM changes · Susana Vang provided a copy of the City's new boilerplate on Aug 26, and · had a meeting at the City with SWS today to discuss the updated standard provisions and special provisions and the differences between SWS and E&PM projects for another project and asked about applicability for other projects with Storm Water elements. Consultant indicated everything will be submitted by September 6. Project is still on target for

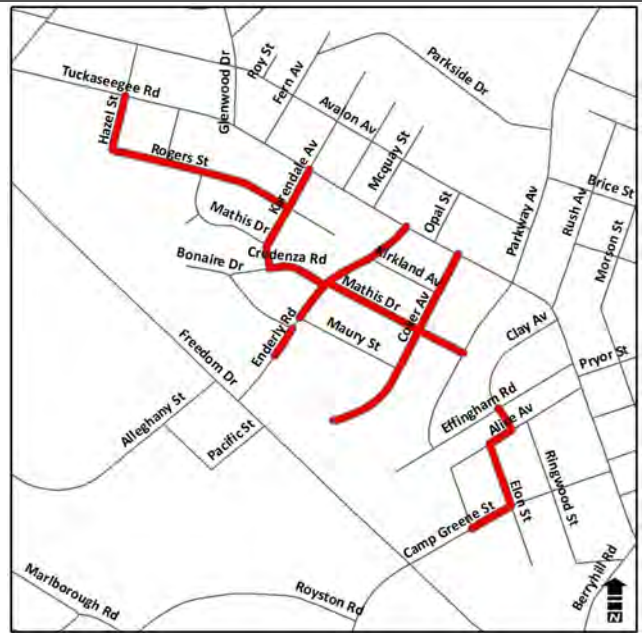
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 3rd Q 2014
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 4th Q 2014/End 3rd Q 2015

Project Number: 512-07-034
Project Title: Enderly Park NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047862
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: BARBARA H. MULKEY ENGINEERING, INC.

Project Summary:

This project will involve making various infrastructure improvements, such as curb and gutter, sidewalk and storm drainage, within the Enderly Park neighborhood bounded by Tuckaseegee Road, Camp Greene and Freedom Drive.

**Vicinity Map**

Project Update:

Look Ahead: Construction is proceeding on pace for completion on or before the 1st quarter of 2015.

Current Status: Sept 2013 - Construction continues and is 50% complete. Monthly project meeting was held on Sept 10 to discuss project status. Contractor completed the water line along Endery Rd and is currently working on the storm drainage along Elon St. Met with utilities again on Sept 6. PM identified a much easier utility relocation plan where only one pole and guy wire needs to be moved temporarily. The ROE was obtained on this parcel for the relocation. Awaiting AT&T relocation here. The County easements should be finalized soon.

Last Month: Aug 2013 - Construction continues and is 43% complete. Monthly project meeting was held on Aug 13 to discuss project status. Contractor is currently working on the waterline relocation along Endery Rd and the storm drainage along Elon St. The utility staking was reviewed by all utilities on Aug 27. Duke believes they can start setting poles on Oct 1.

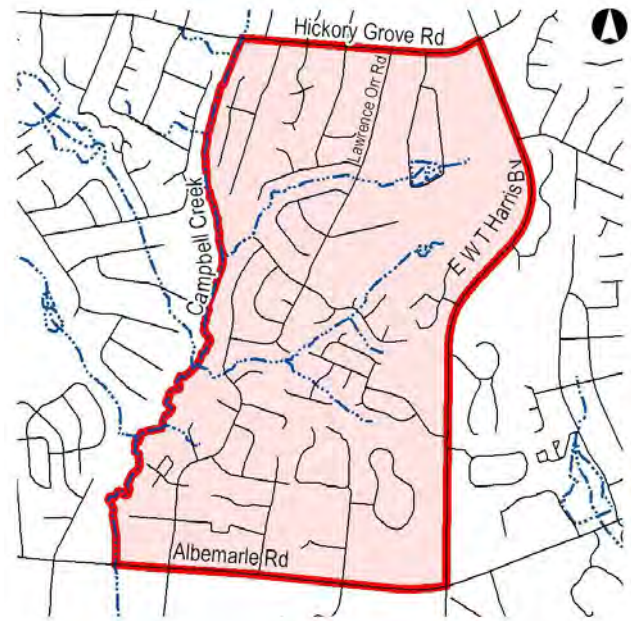
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$5,150,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2015

Project Number: 512-07-029
Project Title: Farm Pond NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047861
Project Mgr: Keith Carpenter
Project Mgr Phone: 704-336-3650
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

 This is a 2010 Neighborhood Bond Project that will provide neighborhood improvements in the area bounded by Campbell Creek to the west, WT Harris Blvd. to the east, Hickory Grove Rd. to the north and Albemarle Rd. to the south. Improvements may include features such as sidewalks, curb and gutter, driveway aprons, storm drainage, landscaping, lighting, etc.

**Vicinity Map**

Project Update:

Look Ahead: Bid Phase is now underway. The bid date is set for Sept 17 with Council award of the construction contract set for October 28. We are currently anticipating construction starting in 4th Qtr. 2013.

Current Status: Sept 27 - We have rec'd bids. The low bidder was Sealand Contractors. The construction contract will be on the Oct. 28th docket for Council award. Construction should begin in December.

Last Month: Aug 20 - The project is in bid and was advertised on Aug. 15. Council award is currently expected on Oct 28. June 27 - The County has now signed the acquisition agreement for their park property. Bid Phase is starting back up with Contracts reviewing the changes that have occurred with the contract language since last year, the bid schedule should be available within the next few weeks. A CCD is being prepared to update the project schedule. May 24 - Bid Phase has been put on hold pending Meck. County Park & Rec signing off on the acquisition on their park property. This

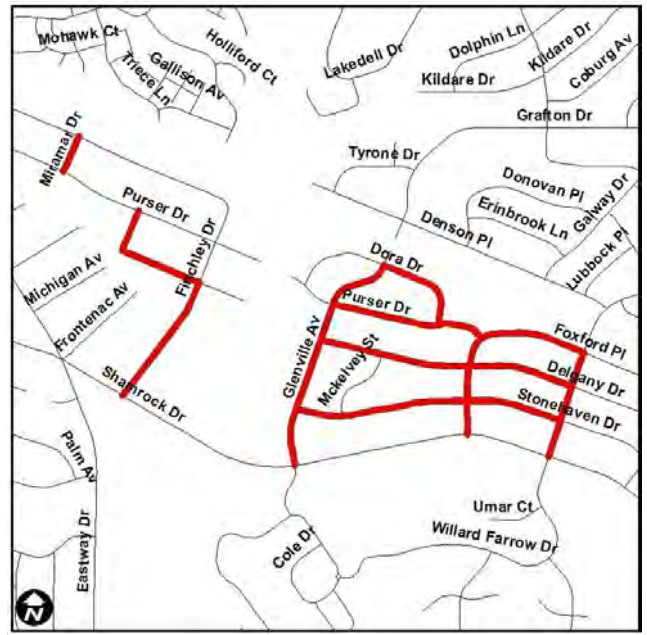
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,700,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 3rd Q 2014/End 1st Q 2015

Project Number: 512-08-051
Project Title: Finchley-Purser/Shamrock Hills NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047877
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: TURNBULL SIGMON DESIGN, PA

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) in the neighborhood, which is bordered by the RR tracks to the north, Tipperary Place to the east, Shamrock Drive to the south, and Eastway Drive to the west. Full funding is provided through a 2010 bond referendum.

**Vicinity Map**

Project Update:

Look Ahead: Bid phase will continue through November.

Current Status: Sept 2013 - The bid phase has begun and will continue through November. Contracts submitted comments for the engineer on August 27 and the consultant and PM responded with a few questions. Awaiting bid schedule from Contracts.

Last Month: Aug 2013 - The bid phase has begun and will continue through November. Contracts submitted comments for the engineer on August 27.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,900,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 2nd Q 2014/End 1st Q 2015

Project Number: 512-08-054
Project Title: Hope Valley / Oak Forest NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047881
Project Mgr: Cary Chereschkoff
Project Mgr Phone: 704-336-7040
Consultant: ATKINS (formerly named PBS&J)

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) in the neighborhood located on both sides of Milton Road and bounded by Tipperary Place on the west, the railroad lines on the south, the rear property lines of Belle Plaine Drive on the north, and Meadowcliff and Barrington Drives on the east. Full funding for the project is tentatively planned to be provided through a 2010 bond referendum.

**Vicinity Map**

Project Update:

Look Ahead: September 2013: Atkins to submit final plans for review and sign off.

Current Status: September 2013: A postcard was sent to residents updating them on the project status. Consultant is late submitting final plans.....

Last Month: August 2013: Continuing RE Phase. Next Council date for condemnations is September 23. Consultant expects to submit final plans first week of September for staff review and sign off. July 2013: Continuing RE Phase. 10 parcels remain. Next Council date for condemnations is September 23. Any remaining will be on October's schedule. The September Condemnations are for title issues. There are no additional SPs so, PM has asked Consultant to submit final plans and estimate for sign off. June 2013: Continuing RE Phase. 16 parcels remain out of 163. There are 6

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$4,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 4th Q 2014/End 4th Q 2015

Project Number: 512-08-061
Project Title: Howie Acres NIP, Phase 2
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047842
Project Mgr: Keith Carpenter
Project Mgr Phone: 704-336-3650
Consultant: ARCADIS G & M, INC.

Project Summary:

The second phase of the Howie Acres NIP will involve infrastructure work on Dinglewood Avenue and a portion of Howie Circle.

**Vicinity Map**

Project Update:

Look Ahead: Bid Phase is on hold pending approval of several County Park & Recreation parcels. No schedule is available for completion of this property transaction.

Current Status: Sept 27 - Signature of the property agreement is expected by Meck. County P&R later this month or early next month. Bid phase will proceed as soon as the agreement is signed.

Last Month: Aug 20 - Signature of the property agreement is expected by Meck. County P&R later this month or early next month. Bid phase will proceed as soon as the agreement is signed. June 27 - Bid Phase has been put on hold pending Meck. County Park & Rec signing off on the acquisition on their park property. No schedule is available for this property transaction. We have been told that this project is now being reviewed. May 24 - Bid Phase has been put on hold pending Meck. County Park & Rec signing off on the acquisition on their park property. No schedule is available for this

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,500,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities: In-progress/End 3rd Q 2013
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: TBD

Project Number: 512-07-036
Project Title: Nevin NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047865
Project Mgr: Keith Carpenter
Project Mgr Phone: 704-336-3650
Consultant: STV / RALPH WHITEHEAD ASSOCIATES, INC.

Project Summary:

This project will include making various infrastructure improvements, such as curb and gutter, sidewalk and storm drainage, within the Nevin neighborhood bounded by Statesville Road, Starita Road, and Durham Lane.

**Vicinity Map**

Project Update:

Look Ahead: Carolina Cajus Concrete was the low bidder. The construction contract is scheduled for Council Award on August 26th. Construction will begin in the 4th Qtr 2013.

Current Status: Sept 27 -The construction contract was awarded by City Council on Aug 26. Carolina Cajun will be the contractor. Construction is projected to begin in November.

Last Month: Aug 28 - The construction contract was awarded by City Council on Aug 26. Construction is projected to begin in October. June 27 - The Bid Phase is underway. The Bid Date is set for July 16th with City Council award of the construction contract set for August 26th. Construction should begin in the 4th Qtr 2013. May 24 - The Bid Phase is underway. The Bid Date is set for July 16th with City Council award of the construction contract set for August 26th. Construction should begin in the 4th Qtr 2013. A CCD is being prepared to reset the bid/construction schedule target.

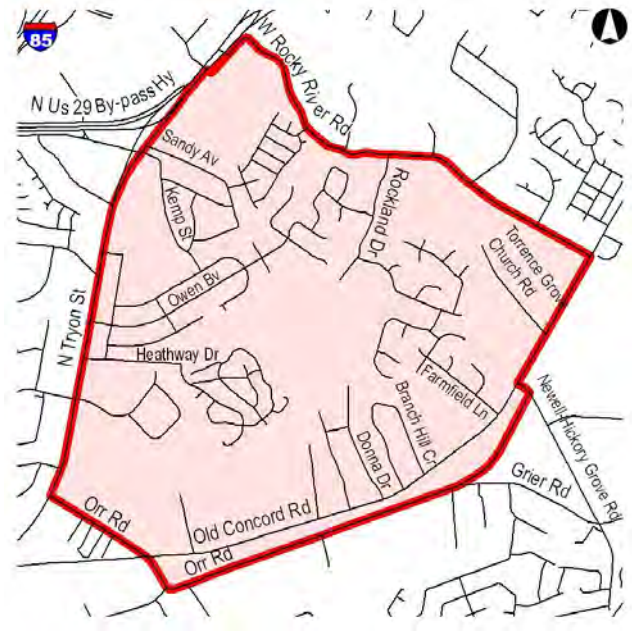
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,500,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: In-progress/End 1st Q 2015

Project Number: 512-07-026
Project Title: Newell-South NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047864
Project Mgr: Cary Chereschkoff
Project Mgr Phone: 704-336-7040
Consultant: ATKINS (formerly named PBS&J)

Project Summary:

The Newell-South Neighborhood is bounded between North Tryon Street, Orr Road, Old Concord Road and West Rocky River Road. Sidewalk is proposed on Owen, Kemp, Gray, Creekstone, Blue Rock, and Rockland. Proposed Phase 2 of the Toby Creek Greenway will extend through the neighborhood at Rocky River Road and Rockland Drive. An overland connector is proposed along Rockland. The proposed sidewalks within the neighborhood will provide safe pedestrian connection to the Greenway as well as the BLE corridor and the proposed Tom Hunter Station.

**Vicinity Map**

Project Update:

Look Ahead: September 2013 - Receive results from stormwater analysis. Get schedule for design services, if necessary, and send update to residents.

Current Status: September 2013 - Staff will meet with Atkins to review analysis on October 3 to determine if additional design is necessary. If additional design is required based upon analysis, a CCD will need to be initiated. A post card has been drafted to update residents, but will wait to finalize and send until October 3 meeting occurs.

Last Month: August 2013 - Amendment 3 was approved by Council August 26, 2013. Atkins is moving forward with the downstream analysis. Project is still on target for Construction start 2nd Qtr 2014. However, if additional design is required based upon analysis, a CCD will need to be initiated. July 2013 - An RCA for Amendment 3 has been created for Council approval on August 26, 2013. June 2013 - The Amendment that will cover the additional stormwater work is currently being reviewed by Business Services. This amendment will trigger a need for Council approval or execution by the City

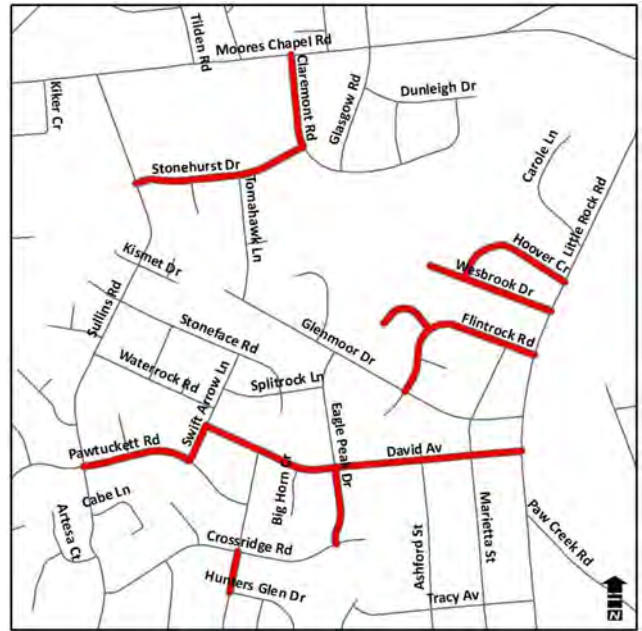
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 3rd Q 2014
Construction Activities: TBD

Project Number: 512-08-052
Project Title: Pawtucket NIP, Phase 1
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047879
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) in the neighborhood, which is bordered by Moore's Chapel Road to the north, Little Rock Road to the east, RL Smith District Park to the south, and Pawtucket Road to the west.

**Vicinity Map**

Project Update:

Look Ahead: Construction will be complete in the 1st qtr of 2014.

Current Status: Sept 2013 - Construction is 55% complete but the time elapsed indicates the contractor should be 83% complete. Team now knows the project will not be complete on time, by 4th qtr 2013. PM will write a change control for completion in 1st qtr 2014. Several field meetings have been held this month.

Last Month: Aug 2013 - Construction is 40% complete but the time elapsed indicates the contractor should be 80% complete. Despite this, Ferebee still believes they will finish the project on time. Ferebee is currently working on the storm drainage and curb and gutter along Wesbrook and Hoover. Ferebee will proceed with the planned culvert on David Ave.

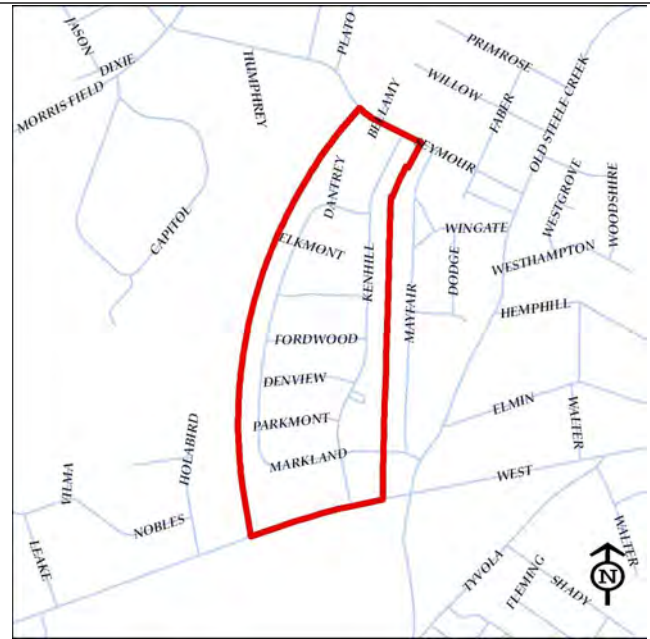
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,400,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2014

Project Number: 512-08-048
Project Title: Ponderosa NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047874
Project Mgr: Cary Chereskoff
Project Mgr Phone: 704-336-7040
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) in the neighborhood, which is bordered by West Boulevard, a Norfolk-Southern RR line, Seymour Drive, and the rear property lines of parcels on the east side of Kenhill Drive. Full funding is provided through a 2008 bond referendum.

**Vicinity Map**

Project Update:

Look Ahead: September 2013: Receive CDOT and SWS sign off, and put together bid package for Contracts. Project is still on target for Bid 4th Qtr 2013.

Current Status: September 2013 - PM and Consultant attended a Community Meeting September 10 and discussed the status of the project with residents, and a postcard has been sent to the rest of the neighborhood. Final plans, specifications and estimate submitted to City on Sept 24. Estimate is being reviewed by CDOT and SWS. CDOT Implementation has a deadline of Oct 1 for sign off on plans.

Last Month: August 2013 - PM and Consultant are planning to attend the Community Meeting September 10 to discuss the status of the project. Final plans are being reviewed by staff and signed off. Staff and Consultant met with Duke, Time Warner, and AT&T to walk the site on August 28 to ensure all previous comments were addressed and to coordinate future efforts. July 2013 - Staff received County's signed Easement Agreement, and set BSTs via Change Control 3 Notice 2. USI has indicated they expect to submit 100% plans for signatures July 29. Consultant met with new UC to

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,300,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2014/End 3rd Q 2015

Project Number: 512-08-050
Project Title: Shamrock Gardens NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047876
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: URS Corporation - North Carolina

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) in the neighborhood, which is bordered by Shamrock Drive to the north, Eastway Drive to the east, Country Club Drive to the south, and Anne Street to the west. Full funding is provided through a 2010 bond referendum.

**Vicinity Map**

Project Update:

Look Ahead: Bid phase will continue through October 2013 and construction will begin by late October/early November.

Current Status: Sept 2013 - City Council approved the construction contract with Sealand on Sept 23. Awaiting contract execution. A change control to set a new schedule and budget has been prepared and management is reviewing it.

Last Month: Aug 2013 - Bid phase continues and will be complete in October. Sealand is the apparent low bidder. The contract was on the Sept 9 Council meeting but it was cancelled. This means a delayed start for the project. The contract is now on the Sept 23 Council agenda. A change control is forthcoming in September to set a new schedule and budget.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,200,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 1st Q 2014/End 3rd Q 2014

Project Number: 512-07-037
Project Title: Sugaw Creek/Ritch NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047866
Project Mgr: Keith Carpenter
Project Mgr Phone: 704-336-3650
Consultant: STV / RALPH WHITEHEAD ASSOCIATES, INC.

**Vicinity Map**

Project Update:

Look Ahead: Construction of the infrastructure work was completed in April 2013. Landscaping , consisting of street trees, will follow in the 2013/2014 planting season.

Current Status: Aug 20 - Landscape design is underway for installation in the 2013 - 2014 planting season. July 26- The final inspection was held on April 23rd, punchlist is complete. The contractor is now working on 2 items of additional work outside the scope of the original contract. Landscape design/bid/installation will in the upcoming 2013/2014 planting season.

Last Month: June 27- The final inspection was held on April 23rd, punchlist is complete. The contractor is now working on 2 items of additional work outside the scope of the original contract. Landscape design/bid/installation will in the upcoming 2013/2014 planting season. May 24- The final inspection was held on April 23rd, punchlist is complete. The contractor is now working on 2 items of additional work outside the scope of the original contract. Landscape design/bid/installation will in the upcoming 2013/2014 planting season. April 26- United Construction is the contractor.

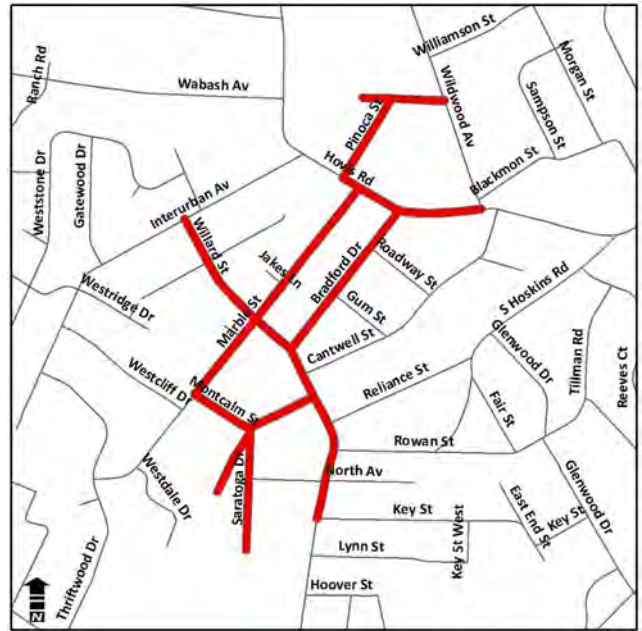
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,450,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: Completed

Project Number: 512-08-057
Project Title: Thomasboro-Hoskins Ph4-Bradford
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 2010/0047834
Project Mgr: Kristie Kennedy
Project Mgr Phone: 704-336-6194
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

This project is the fourth and final phase of the Thomasboro/Hoskins NIP. Funding for the project was approved via the 2006 bond referendum. The project is bordered by Wildwood Ave. to the north, Forsythia Circle and Interurban Ave to the west, Bradford Dr and Cantwell St to the east and Freedom Drive to the south. The project will examine the needs of the area and propose infrastructure, such as, curb & gutter, sidewalk, and storm drainage. The project is coupled with several Storm Water Services projects.



Vicinity Map

Project Update:

- Look Ahead:** Construction is proceeding on pace for completion on or before the 4th quarter of 2014.

- Current Status:** Sept 2013 - Construction continues and is 65% complete. Contractor is working on Bradford Dr., installing the storm drainage, curb and gutter and sidewalk. Right-of-entries were obtained along 3 parcels on Bradford Dr to replace the old sidewalk. The residents are very happy.

- Last Month:** Aug 2013 - Construction continues and is 60% complete. Contractor is working on Bradford Dr., installing the storm drainage, curb and gutter and sidewalk. Monthly field meeting was held on Aug 30th.

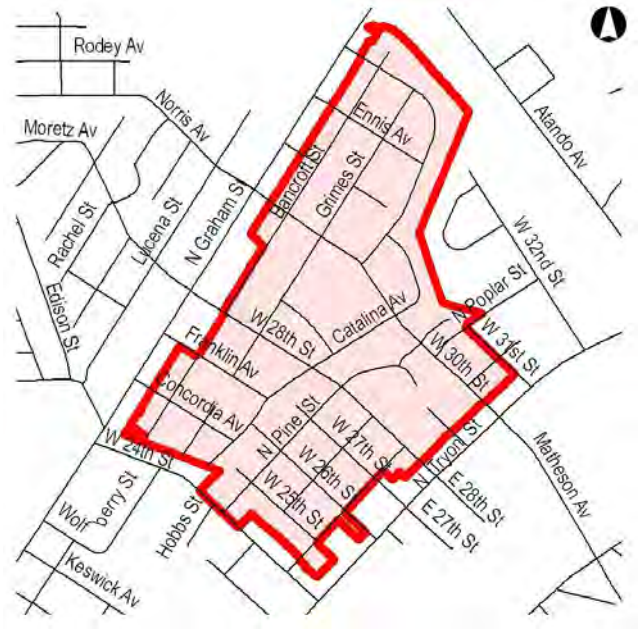
Cost & Schedule Commitments:

- Estimated Cost @ Completion: \$5,450,000.00
- Planning Activities: Complete
- Design Activities: Complete
- Real Estate Activities: Complete
- Bid Phase Activities: Complete
- Construction Activities: In-progress/End 4th Q 2014

Project Number: 512-07-031
Project Title: Tryon Hills NIP
Program Category: NEIGHBORHOODS
Program Title: Neighborhood Improvements
Fund/Center: 0000/0047868
Project Mgr: Lamar Davis
Project Mgr Phone: 704-336-6006
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

Tryon Hills NIP is bounded by N Tryon St, N Graham St, W 24th Street, W and 31st Street. Proposed improvements may include (a) roadway and pedestrian improvements, such as curb and gutter, pedestrian refuge islands, bulb outs, signalized crossing improvement, construction of planted medians, new marked pedestrian crossings, pedestrian signals, and roadway accommodations for bicycles; (b) new curb alignment to accommodate vehicles, transit, cycles and pedestrians; (c) storm drainage improvements; and (d) water and sewer line replacements.

**Vicinity Map**

Project Update:

- Look Ahead:** Construction continues. Construction is in progress on Phase 2. Phase 2 consist of improvements to Dogwood Ave., Grimes Street from Dogwood Ave to Norris Ave., and Bancroft Street from Dogwood Ave. to Norris Avenue.
- Current Status:** (September 25, 2013) Construction is 60% complete. Phase 1 is complete . Phase 1 consist of storm drainage improvements, curb and gutter and sidewalk (key locations) on Franklin Ave, Grimes Street, Catalina Ave, Winston Street, Concordia Ave and Bancroft Street. Resurfacing is complete on phase 1. Curb and gutter, driveway and storm water drainage improvements are complete on Grimes Street from Norris to Dogwood Avenue. Curb and gutter, driveway improvements and stormwater improvements are complete on Bancroft Street from Norris Avenue to Ennis Avenue. Storm water improvements are in progress at the intersection of Dogwood Avenue and Bancroft Street Phase
- Last Month:** (August 27, 2013) Construction is 54% complete. Phase 1 is complete . Phase 1 consist of storm drainage improvements, curb and gutter and sidewalk (key locations) on Franklin Ave, Grimes Street, Catalina Ave, Winston Street, Concordia Ave and Bancroft Street. Resurfacing is complete on phase 1. Contractor is installing curb and gutter and improving driveways on Grimes Street. Storm water improvements are in progress on Bancroft Street. Phase 2 consist of storm drainage improvements, curb and gutter, street resurfacing and sidewalk (key locations) on Grimes

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$4,350,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2014

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-10-012
Project Title: Blue Heron Drive Sidewalk Improvements
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Non-Thoroughfare
Fund/Center: 2010/0331072
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

This project will provide an eight-foot wide planting strip and a five-foot wide sidewalk along Blue Heron Drive from Pineville-Matthews Drive to Castlekeep Drive.



Vicinity Map

Project Update:

Look Ahead: Warranty

Current Status: (September 2013): The PCC was held on September 18th. Construction will begin around October 18th. Post card mailers are being prepared for distribution. The construction contract period is for 90 days.

Last Month: (August 2013): The project was awarded by Council July 22nd. The construction documents were received on August 23rd. PCC anticipated by early to mid-September. Construction start anticipated for late September/ Early October. The construction contract period is for 90 days. (July 2013): The bid opening was held May 16th and the low bidder was DOT construction. Council award is scheduled for July 22nd. Construction start anticipated for Mid to late September. (June 2013): The bid opening was held May 16th and the low bidder was DOT construction. Award schedule is now set

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$550,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: Start 1st Q 2014/End 1st Q 2014

Project Number: 512-12-041
Project Title: Manning-Wintercrest Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Non-Thoroughfare
Fund/Center: 2010/0331088
Project Mgr: Becky Chambers
Project Mgr Phone: 704-336-3280
Consultant: In-House Design Project

Project Summary:

This project will install sidewalk along the north side of Manning Drive from Park Road to Wintercrest Lane and along the west side of Wintercrest Lane from Manning Drive to Scofield Drive to improve pedestrian mobility, access, and connectivity. The project will include a 5' concrete sidewalk and 4' planting strip, wheelchair ramps and driveway replacement.

**Vicinity Map**

Project Update:

Look Ahead: Continue RE acquisition and coordination with Storm Water Maintenance culvert replacement project schedule.

Current Status: September 2013: RE acquisition is almost complete with 19 of 20 parcels signed. The remaining parcel is still in negotiations with Storm Water over the easement areas for the maintenance project. If an agreement is not made in October, condemnation will begin on this parcel. Coordination with the Storm Water Maintenance culvert replacement project is ongoing.

Last Month: August 2013: RE acquisition is almost complete with 19 of 20 parcels signed. The remaining parcel is still in negotiations with Storm Water over the easement areas for the maintenance project. If an agreement is not made, condemnation will begin on this parcel as well, however the property owner has been in the hospital so negotiations have been on hold. Coordination with the Storm Water Maintenance culvert replacement project is ongoing.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$450,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2015/End 2nd Q 2015

Project Number: 512-08-073
Project Title: Markland/ Wedgefield Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Non-Thoroughfare
Fund/Center: 2010/0331040
Project Mgr: Cary Chereshkoff
Project Mgr Phone: 704-336-7040
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

This project will provide a six-foot wide sidewalk and an eight-foot wide planting strip on one side Markland between its two intersections with Kenhill Drive, and on Wedgefield Drive from Markland Drive to Kenhill Drive.

**Vicinity Map**

Project Update:

Look Ahead: This project will be constructed with the Ponderosa NIP project. See that project for status information.

Current Status: This project will be constructed with the Ponderosa NIP project. See that project for status information.

Last Month: This project will be constructed with the Ponderosa NIP project. See that project for status information.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,500,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Start 4th Q 2013/End 3rd Q 2014
Construction Activities: TBD

Project Number: 512-07-046
Project Title: Milhaven Lane Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Non-Thoroughfare
Fund/Center: 2010/0331012
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: BARBARA H. MULKEY ENGINEERING, INC.

Project Summary:

This project will provide 5 foot sidewalk and a 8 foot planting strip on Milhaven Lane from Old Statesville Road to Statesville Road.

**Vicinity Map**

Project Update:

Look Ahead: Continue with construction.

Current Status: September 2013: Construction is 100% complete. Final punch list items should have been addressed. Currently evaluating potential of liquidated damages against contractor.

Last Month: August 2013: Construction is 95% complete. Construction work is currently primarily culvert installation. Currently evaluating potential of liquidated damages against contractor.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,450,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-09-013
Project Title: Woodfox / Rounding Run Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Non-Thoroughfare (on hold)
Fund/Center: 2010/0331054
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

Project Summary:

Project limits are from Strawberry Lane to Raintree Lane approximately 0.63 miles. The project is a Tier 3 sidewalk that will provide walkable access from the Raintree community to the school on Strawberry Lane.

**Vicinity Map**

Project Update:

Look Ahead: Work will resume when funding becomes available.

Current Status: (September 2013): This project has been placed on hold until funding becomes available.

Last Month: (August 2013): This project has been placed on hold until funding becomes available. (July 2013): This project has been placed on hold until funding becomes available. (June 2013): This project has been placed on hold until funding becomes available. (May 2013): This has been placed on hold until funding becomes available. (April 2013): This project has been placed on hold until funding becomes available. (March 2013): This project has been placed on hold until funding becomes available. (February/March 2013): This project has been placed on hold until

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2016
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-05-046
Project Title: Mallard Creek (Crescent View to Lexington Approach) SdL
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 0000/0331077
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: STV / RALPH WHITEHEAD ASSOCIATES, INC.

Project Summary:

This project will provide sidewalk on alternating sides of the street of Mallard Creek Road from Crescent View to Lexington Approach Drive.

**Vicinity Map**

Project Update:

Look Ahead: Warranty

Current Status: (September 2013): Construction to begin on or around August 26th.

Last Month: (August 2013): The PCC was held July 23rd. Construction to begin on or around August 26th. (July 2013): The project was awarded to Bullseye Construction, Inc. on June 10th. The project was awarded by Council June 24th. The PCC to be held July 23rd. Construction to begin by mid- August. (June 2013): The project was awarded to Bullseye Construction, Inc. on June 10th. The outstanding parcel was acquired and completes the real estate phasing for this project. (May 2013): The bid opening was held May 2nd and awarded to Bullseye Construction, Inc. Anticipate a June

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$600,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2014

Project Number: 512-10-014
Project Title: Mineral Springs Rd (Burgundy to Neal) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331074
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: ARMSTRONG GLEN, P.C.

**Vicinity Map**

Project Update:

Look Ahead: Archive

Current Status: (September 2013):(Neal Rd to Burgundy Dr)- The final inspection for the project was held September 18th. Punch list items to follow. The project is citizen client ready and is in warranty.

Last Month: (August 2013):(Neal Rd to Burgundy Dr)- Construction is roughly 96% complete. Work schedule may exceed the 60 day allowance due to excessive rainfall activity. (July 2013):(Neal Rd to Burgundy Dr)-Construction to began on May 15th. Construction is roughly 40% complete. Work schedule may exceed the 60 day allowance due to excessive rainfall activity. (June 2013):(Neal Rd to Burgundy Dr)- Construction to began on May 15th. Construction is roughly 20% complete. The contract is currently scheduled for 60 days. (May 2013):(Neal Rd to Burgundy Dr)-The project was

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$550,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2014

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-09-002
Project Title: Nations Ford Sidewalk (Tryon-Tyvola)
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331048
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

Project Summary:

This 1.21 mile long project will involve installing sidewalks and planting strips on Nations Ford Road from Tryon Street to Tyvola Road. Project is a Tier 1 sidewalk.



Vicinity Map

Project Update:

Look Ahead: Project resurfacing to be completed and pedestrian island to be installed. Landscaping to be completed.

Current Status: September 2013 - Street is currently being repaved. Pedestrian island to be constructed in conjunction with the repaving effort. This project is citizen and client ready as of 6-28-2013. The landscaping plantings should begin in January 2014 per City Landscape staff.

Last Month: August 2013 - Street is currently being repaved. Pedestrian island to be constructed in conjunction with the repaving effort. This project is citizen and client ready as of 6-28-2013.

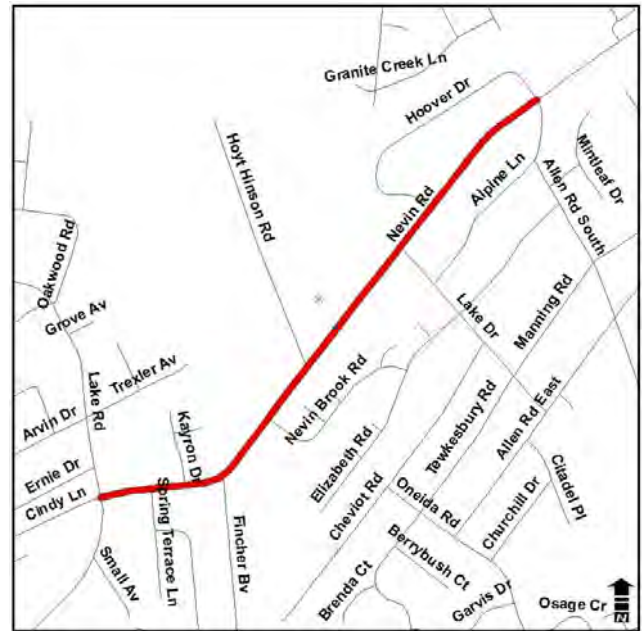
Cost & Schedule Commitments:

- Estimated Cost @ Completion: \$1,750,000.00
- Planning Activities: Complete
- Design Activities: Complete
- Real Estate Activities: Complete
- Bid Phase Activities: Complete
- Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-12-047
Project Title: Nevin Rd (Lake Rd- Alpine Ln) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331090
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: GANNETT FLEMING , INC.

Project Summary:

This project limits will involve making sidewalk improvements along Nevin Road from Lake Road to Alpine Lane.

**Vicinity Map**

Project Update:

Look Ahead: 90% Design/Plat Prep/Final Design

Current Status: (September 2013): 90% design plans are underway and planned for delivery before the close of the month. Plat preparation will begin the end of September/First of October.

Last Month: (August 2013): Design continues. The Nevin Rd Sidewalk preliminary review was held Wednesday, June 26th. Plan review mark ups/comments will be incorporated into the design for the next plan review. This project along with the Nevin-Gibbon Sidewalk held a dual public meeting August 13th. This was the second public meeting for both projects to present the design alternates. The public was receptive to both designs and based on the feedback the sidewalks are very much needed for the area. (July 2013): Design continues. The Nevin Rd Sidewalk preliminary review was

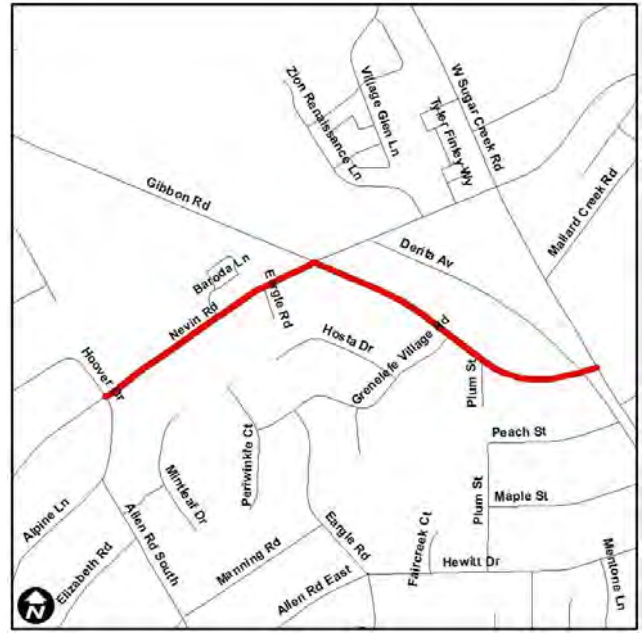
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,750,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: Start 4th Q 2013/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 4th Q 2015

Project Number: 512-09-056
Project Title: Nevin Rd - Gibbon Rd Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331064
Project Mgr: Allison Brickey
Project Mgr Phone: 704-432-5529
Consultant: In-House Design Project

Project Summary:

Where practical, this project will provide a six-foot wide sidewalk behind an eight-foot planting strip along Nevin Road from Alpine Lane to Gibbon Road and along Gibbon Road from Nevin Road to West Sugar Creek Road. This project will also fill gaps in C&G and sidewalk along West Sugar Creek Road between Hunter Avenue and Mallard Creek Road.

**Vicinity Map**

Project Update:

Look Ahead: Request for NCDOT ROW and Utility Authorization will be obtained in 4-6 weeks. Plats will be ordered at that point to begin Real Estate phase.

Current Status: Sept 2013: NCDOT approval obtained and 90% plan review was completed Sept 23rd.

Last Month: March 2013: Project has been placed in hold until CMAQ funding is available in 2013. Municipal Agreement was approved by City Council in January. We are awaiting NCDOT's approval before moving forward with the project.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,300,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2014
Real Estate Activities: Start 4th Q 2013/End 3rd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 1st Q 2016

Project Number: 512-09-055
Project Title: Park Rd Pedestrian Crossing
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331063
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: STV / RALPH WHITEHEAD ASSOCIATES, INC.

Project Summary:

This project will create a pedestrian crossing on Park Road near Holmes Drive.

**Vicinity Map**

Project Update:

Look Ahead: Construction/Warranty

Current Status: (September 2013): The PCC meeting for the project was held on September 11th. The contractor to begin work September 30th. The construction contract is a 60 day contract. Post card mailers were sent out Construction completion by the end of 4th Qtr.

Last Month: (August 2013): The project was awarded by Council July 22, 2013. The project construction document was recieved on August 23rd. Anticipate a PCC meeting by mid September. The construction contract is a 60 day contract. Construction completion by the end of 4th Qtr. (July 2013): The project was awarded by Council July 22, 2013. After award the project will wait on financial docs. Anticipate PCC meeting the end of August to the mid September. The construction contract is a 60 day contract. Construction completion by the end of 4th Qtr. (June 2013): The bid opening to be held

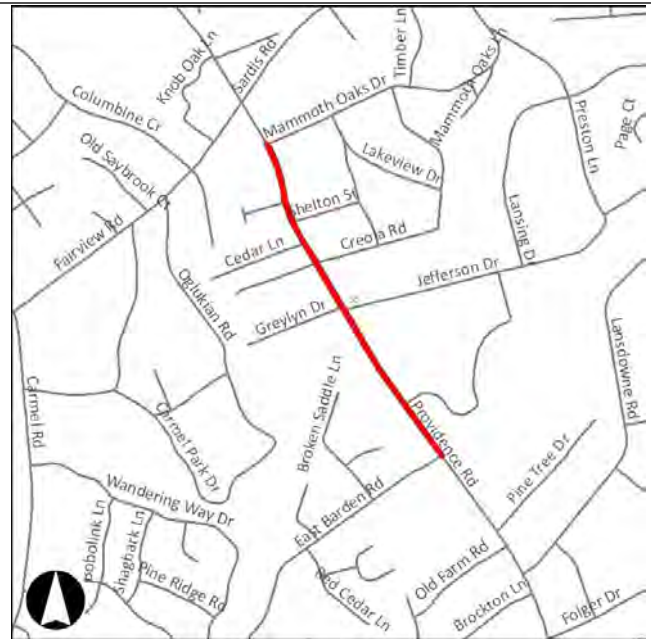
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$550,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-08-033
Project Title: Providence (Mammoth Oaks to Barden) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331028
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

Project Summary:

This project will involve installing sidewalk along West side of Providence Road from 200 feet north of Mammoth Oaks Drive southward to East Barden Road.

**Vicinity Map**

Project Update:

Look Ahead: Work is resuming for this project. Environmental Documentation(CE), Public Meeting...

Current Status: (September 2013): This project has been placed on hold until October 2013, at which time CMAQ funding will be available. The project will need to get a Municipal Agreement and notice to proceed from the State in order to move forward with real estate and construction for reimbursement. This process could take up to 6 months. The project team will finalize design and begin the environmental documentation for the project while awaiting the municipal agreement. The project is currently resuming.

Last Month: (August 2013): This project has been placed on hold until October 2013, at which time CMAQ funding will be available. The project will need to get a Municipal Agreement and notice to proceed from the State in order to move forward with real estate and construction for reimbursement. This process could take up to 6 months. The project team will finalize design and begin the environmental documentation for the project while awaiting the municipal agreement. The project is currently resuming. (July 2013): This project has been placed on hold until October 2013, at which time

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 2nd Q 2016

Project Number: 512-11-040
Project Title: Remount (West Blvd - RR Tracks) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331084
Project Mgr: Valerie Hanes
Project Mgr Phone: 704-336-3628
Consultant: In-House Design Project

Project Summary:

This project will provide 0.31 miles of sidewalk on Remount Road from West Boulevard northward to the RR track overpass that lies between the Remount / Parker Drive and Remount / Wilkinson Boulevard intersections.

**Vicinity Map**

Project Update:

Look Ahead: Continue coordination with Duke. Real Estate 3rd Quarter 2013

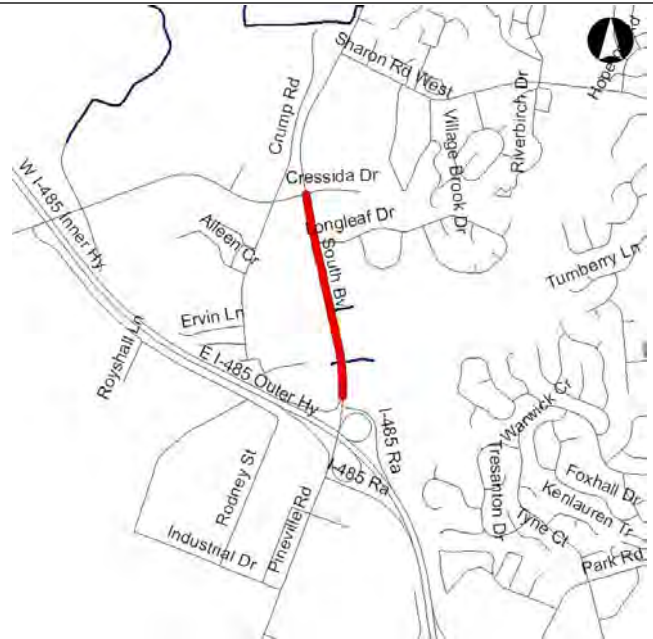
Current Status: September 2013: Waiting on Utility Mark-ups from Duke. Submitting Project Status Report to Supervisor to start Real Estate.

Last Month: August 2013: Duke is currently reviewing Armstrong Glen's wall redesign. Waiting on Utility Mark-ups from Duke.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: Start 4th Q 2013/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-10-013
Project Title: South Blvd (Carolina Pavillion to Westinghouse) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331073
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: ARMSTRONG GLEN, P.C.

**Vicinity Map**

Project Update:

Look Ahead: Warranty

Current Status: (September 2013):(I-485 to Westinghouse Blvd)- The project begin construction August 19th. Minor utility conflicts are being worked out. The construction contract is a 60 day contract.

Last Month: (August 2013):(I-485 to Westinghouse Blvd)- The project will begin construction by mid-August at the contractors request. The construction contract is a 60 day contract. Post card mailers to area business impacted by the project were mailed mid July. (July 2013):(I-485 to Westinghouse Blvd)- The project will begin construction by mid-August at the contractors request. The construction contract is a 60 day contract. Post card mailers to area business impacted by the project was mailed mid July. (June 2013):(I-485 to Westinghouse Blvd)- The Pre-construction meeting to be held

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$550,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-12-046
Project Title: Sugar Creek Rd (Eastway-Anderson) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331089
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: GANNETT FLEMING , INC.

Project Summary:

The project will involve making sidewalk improvements along East Sugar Creek Road from Eastway Drive to Anderson Street.

**Vicinity Map**

Project Update:

Look Ahead: 90% Design/Real Estate Prep/Final Design

Current Status: (September 2013): Design continues. Second public meeting was held September 24th. 90% plans and plat prep to follow.

Last Month: (August 2013): CDOT and NCDOT have confirmed cost share opportunities. A budget has been set for the project. A change control has been approved by the Division and CDOT. A preliminary review meeting was held August 7th. Revisions and comments will be incorporated accordingly. (July 2013): CDOT and NCDOT have confirmed cost share opportunities. A budget can be set for the project. A change control will be developed noting the change for approval. Preliminary design plans have been submitted. The review meeting will be held August 7th. (June 2013): Design is

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 1st Q 2016

Project Number: 512-07-055
Project Title: Sunset Road Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331004
Project Mgr: Alan Morrison
Project Mgr Phone: 704-336-7266
Consultant: In-House Design Project

Project Summary:

This project will result in the installation of new sidewalk along Sunset Road between Beatties Ford Road and Statesville Road.

**Vicinity Map**

Project Update:

Look Ahead: MA going to Council.

Current Status: (Sept 2013) Proposed schedule has been submitted to Program Manager and CDOT for review.

Last Month: (August 2013) The MA utilizing CMAQ funds will request reimbursement for real estate and construction costs. This will allow the design to proceed without concern of Federal Reimbursement for these tasks. Engineering is working on updating the schedule and budget to update the team. (July 2013) CDOT has confirmed the funding from CMAQ becomes available in July 2014. When that becomes available, the MA will need to go before Council for approval and at that time, target dates can be established for submitting a CCD. (June 2013) The funding from CMAQ becomes

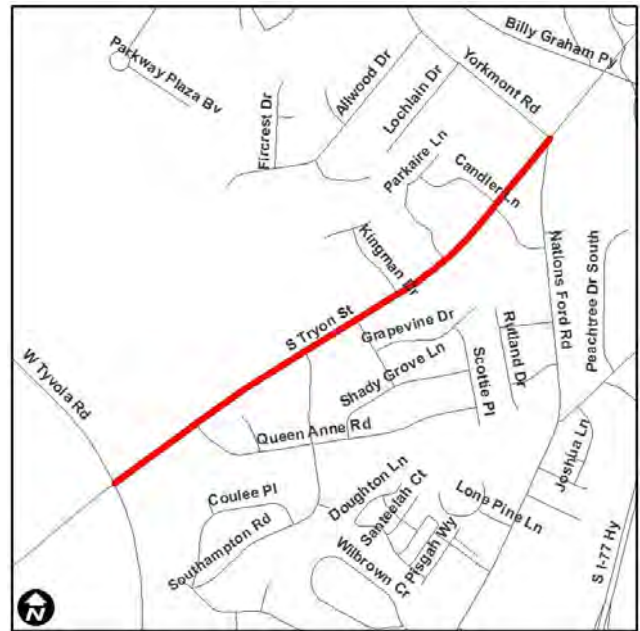
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2016
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-09-012
Project Title: Tryon (Tyvola-Nations Ford) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331053
Project Mgr: Sonji Mosley
Project Mgr Phone: 704-336-3214
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

The project is a sidewalk program project which will install sidewalk along S. Tryon St from Tyvola Road to Woodlawn Road (approximately 1.04 miles).

**Vicinity Map**

Project Update:

Look Ahead: Environmental Impact Statement/Preliminary Design/Real Estate

Current Status: (September 2013): The NEPA documentation has been submitted to the State for review. Because it is considered a Type IIB CE, the documentation will have to go through FHWA review. Currently awaiting SHOP review for comments. Preliminary design plans are being planned for submission for early of October.

Last Month: (August 2013): Design is proceeding and the consultant is currently wrapping up the NEPA documentation for state submittal and review. Preliminary design plans are being planned for submission and review within the next 8 weeks. (July 2013): Design is proceeding and the consultant is currently wrapping up the NEPA for state submittal and review. Preliminary Design plans are being planned for submission and review within the next 8 weeks. (June 2013): Design is proceeding and the consultant is currently wrapping up the EIS for state submittal. and review. Preliminary Design

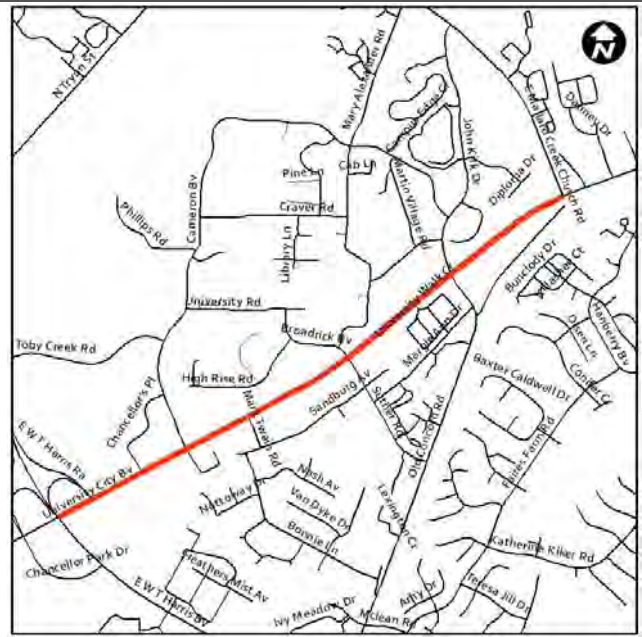
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,150,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 1st Q 2016

Project Number: 512-08-042
Project Title: University City Blvd. Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331034
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: GANNETT FLEMING , INC.

Project Summary:

This project will provide a 10-foot wide asphalt pedestrian path on University City Boulevard from WT Harris to Mallard Creek Church Rd.

**Vicinity Map**

Project Update:

Look Ahead: Continue construction.

Current Status: August 2013 - Construction is currently 21% complete.

Last Month: August 2013 - Construction is currently 10% complete. Have successfully completed an FHWA audit this month.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,200,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2014

Project Number: 512-11-023
Project Title: West Blvd (Dawnalia Dr to RR Bridge) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331079
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: GANNETT FLEMING, INC.

Project Summary:

Tier 1 Sidewalk on West Boulevard from Dawnalia Dr to railroad bridge. Possible improvements may include installation of new sidewalk with a planting strip, storm drainage, and concrete curb & gutter.

**Vicinity Map**

Project Update:

Look Ahead: Complete bid phase. Start construction.

Current Status: September 2013- Project to be rebid. Consultant revising engineer's estimate. Anticipated that the BSC date can still be met with available contingency.

Last Month: August 2013- Project to be rebid. There were issues with the low bidder, and based on analysis of the remaining bids (which were > 40% over engineer's estimate), the decision was made by the project team including input from contracts' staff to rebid the project. Anticipated that the BSC date can still be met with available contingency.

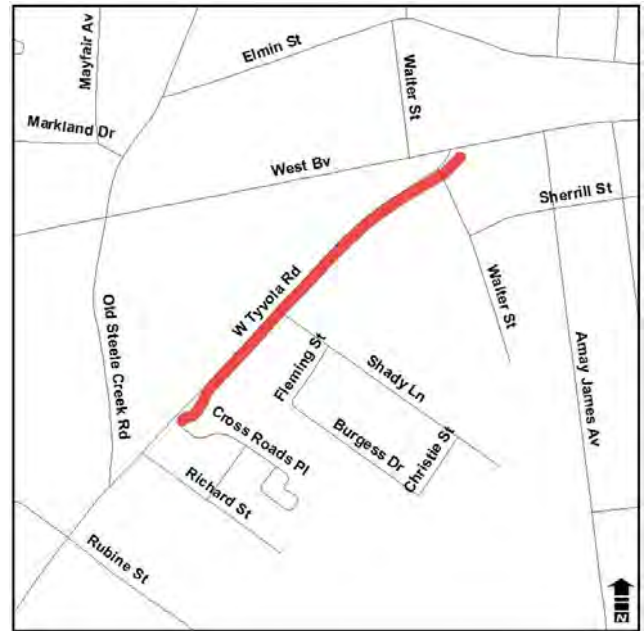
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$550,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2013
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 1st Q 2014/End 1st Q 2014

Project Number: 512-12-048
Project Title: West Tyvola (Old Steele Creek Rd - West Blvd) Sidewalk
Program Category: NEIGHBORHOODS
Program Title: Sidewalk - Thoroughfare
Fund/Center: 2010/0331091
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: In-House Design Project

Project Summary:

This project will add sidewalk along West Tyvola Road from West Boulevard to Old Steele Creek Road.

**Vicinity Map**

Project Update:

Look Ahead: Continue real estate.

Current Status: September 2013 - This project is in real estate. 5 of the 13 parcels have been acquired. Staff is continuing to work to acquire the remaining parcels. Appraisals have been ordered for all remaining parcels.

Last Month: August 2013 - This project is in real estate. 5 of the 13 parcels have been acquired. Appraisals have been ordered for the remaining parcels.

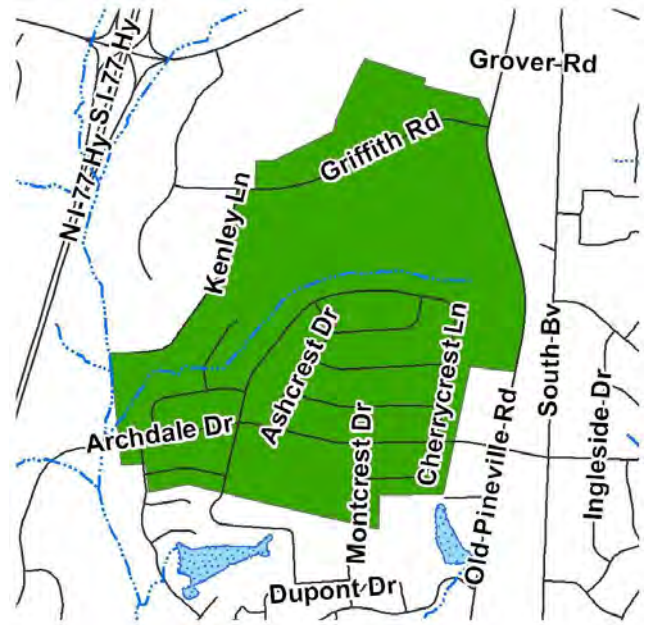
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$700,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Start 4th Q 2013/End 1st Q 2014
Construction Activities: Start 2nd Q 2014/End 2nd Q 2014

Project Number: 671-11-006
Project Title: Alanhurst / Cherrycrest SWCIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 0000/0035800
Project Mgr: Danee McGee
Project Mgr Phone: 704-336-4102
Consultant: W. K. DICKSON & CO., INC.

Project Summary:

The Alanhurst / Cherrycrest Storm Drainage Improvement Project covers approximately 215 acres and is in the Sugar Creek Watershed. The project drainage area is bordered to the south by Archdale Road, to the east by Old Pineville Road, to the west by Kenly Lane, and to the north by Griffith Road. This project will reduce flooding and erosion in the project area.

**Vicinity Map**

Project Update:

Look Ahead: Public Meeting the end of October 2013. Completion of the planning report expected 4th quarter

Current Status: September 2013: Upcoming public meeting the end of October -then report Finalization.

Last Month: August 2013: Preferred Alt chosen. Upcoming public meeting then report Finalization.

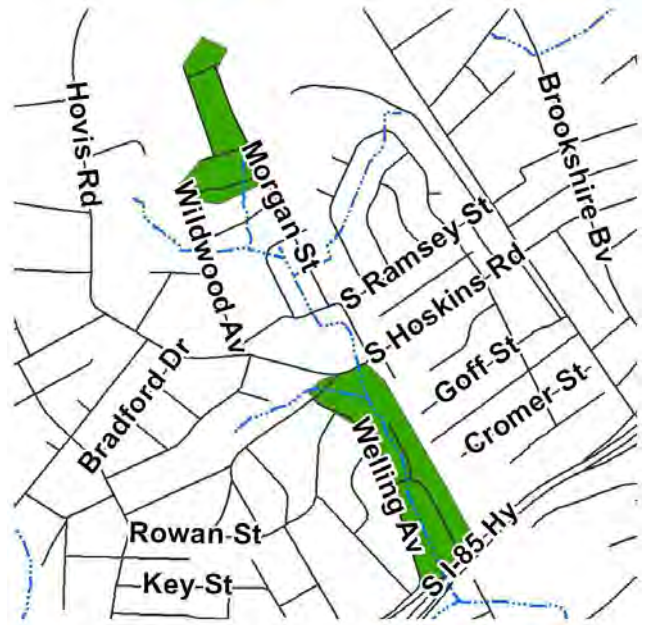
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-11-004
Project Title: Blenheim Storm Water CIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Greg Cole
Project Mgr Phone: 704-336-4824
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

The Blenheim SDIP (Blenheim Storm Drainage Improvement Project) consists of improvements targeted to relieve and/or eliminate flooding in the area of the Thomasboro/Hoskins Neighborhood, specifically considering improvements to the drainage system bounded by Hoskins Road, Welling Avenue, I-85, and CSX Railroad.

**Vicinity Map**

Project Update:

Look Ahead: October 2013 - Review revised plans and plats before submitting request for RE services. Submit environmental permit applications.

Current Status: 9/26/2013 - Continue to work with Steve Gucciardi to demolish the houses and address residents' concerns. Continue to work with HDR to get the construction plans and plats revised for starting real estate. Negotiate scope and fees with HDR for additional effort required to revise plans.

Last Month: September 2013 - Work with HDR to revise drawings and plats. August 2013 - Review draft plats before resubmit to start RE Phase II. Review environmental permit applications. July /2013 - Continue demolition of Phase I properties. HDR submit revised Phase II plats for review. June 2013 - Continue demolition of Phase I properties. Work through challenges with plan preparation and standards. Prepare to submit plats to start RE Phase II. May 2013 - Started demolition of Phase I properties. Provided HDR with additional guidance on how to revise design plans. Prepare to

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$11,400,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: In-progress/End 1st Q 2015
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2017/End 1st Q 2019

Project Number: 671-05-707
Project Title: Brentwood Place
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Tom Purvis
Project Mgr Phone: 704-336-3660
Consultant: THE ISAACS GROUP

Project Summary:

The project involves analysis of existing conditions to determine portions of the storm drainage system needing improvement, planning analysis of improvement alternatives, and design and construction of needed improvements. The project area covers about 176 acres, and is bound to the south and west by Remount Road, to the east by Barringer Drive, and to the north by Wilkinson Boulevard.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Phase 1: Construction team to issue NTP. Phase 2: Construction team to work toward contract execution and set up PCC meeting.

Current Status: September 2013: Phase 1: Contract executed and delivered to Construction team on 8/26/13. Construction team to set up PCC meeting and issue NTP. Phase 2: Council Awarded contract on August 26, 2013. Construction team to work toward contract execution.

Last Month: August 2013: Phase 1: Council Awarded contract on July 22, 2013. Construction team to work toward contract execution Phase 2: Bid Phase Started by March 21, 2013 -Continue to assist Contracts through Bid Phase. Anticipated Council Award Date is September 9, 2013.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$13,300,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 3rd Q 2013
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 3rd Q 2014/End 2nd Q 2016

Project Number: 671-08-005
Project Title: Celia Ave Culvert
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jennifer Barker
Project Mgr Phone: 704-432-0963
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

This project will replace a culvert near 2628 Celia Avenue to reduce street flooding.

**Vicinity Map**

Project Update:

Look Ahead: Continue the easement and right-of-way acquisition process for Real Estate Phase II. Begin the demolition process for the building obtained during Real Estate Phase I.

Current Status: September 2013: Real Estate Phase II, easement and right-of-way acquisition, continues.

Last Month: August 2013: Real Estate Phase II, easement and right-of-way acquisition, continues.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities: In-progress/End 3rd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 1st Q 2016

Project Number: 671-13-015
Project Title: Chandworth SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jackie Bray
Project Mgr Phone: 704-336-6770
Consultant: DEWBERRY AND DAVIS, INC.

Project Summary:

Flood Control project to address severe street flooding and some house flooding. Project is bound on the west side by Park Road and encompasses Chandworth Road. Split from the Sunnyvale/Chandworth during planning in 2013 to align scope with available funding.

**Vicinity Map**

Project Update:

Look Ahead: Consultant to address any comments from survey and memo review.

Current Status: Project team to review survey data, and memo.

Last Month: Consultant to prepare planning report memo. Consultant to get soft digs completed. Consultant to get additional survey.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2015
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-12-016
Project Title: Chatham SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Matthew Anderson
Project Mgr Phone: 704-336-7923
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

The Chatham Storm Drainage Improvement Project covers approximately 340 acres and is located in the Briar Creek Drainage Basin. This project is approximately bounded by The Plaza to the Northwest, Belvedere Ave. and Roland St. to the South, Briar Creek to the Southeast and Matheson Ave. to the Northeast. This project will address flooding and erosion in the project area.

**Vicinity Map**

Project Update:

Look Ahead: Coming up: Continued discussion about review comments from Existing Conditions report, agreement on scope and fee for any out of scope items and then resubmittal of report addressing concerns. Scheduling of a public meeting with the neighborhood to share results.

Current Status: September 2013 - Following our questions on the fee requests a meeting with the consultant was held with more comments/clarifications from the City given out to the consultant. The consultant is busy revising their fees to submit back to the City. Following resolution on path forward to address watershed comments and fees the consultant will revise the report and resubmit the report for review. Once report has been received it will be reviewed for suitability for presentation to the public for an Existing Conditions planning meeting.

Last Month: August 2013 - Following meetings to discuss comments a fee proposal has been sent in by the consultant for City review to address items in comments. After a few rounds of discussions about the amendment requested, the City has more questions about proposed fees required. Following resolution on path forward to address watershed comments and fees the consultant will revise the report and resubmit the report for review. Once report has been received it will be reviewed for suitability for presentation to the public for an Existing Conditions planning meeting. July 2013 -

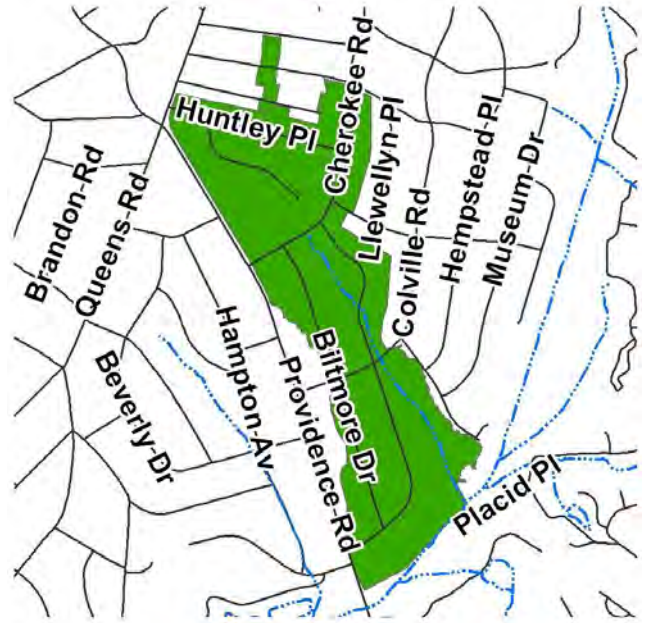
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 3rd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-03-703
Project Title: Cherokee/ Scotland Flood Control
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jackie Bray
Project Mgr Phone: 704-336-6770
Consultant: DEWBERRY AND DAVIS, INC.

Project Summary:

The project will improve the storm drainage infrastructure in order to reduce flooding of streets, properties and structures. In addition, streams will be stabilized and/or restored in order to provide a more natural, stable stream system throughout the area. The project area is roughly bounded by Middleton Avenue to the north, Providence Road to the west, Cherokee Road to the east and Biltmore Avenue to the south.

**Vicinity Map**

Project Update:

Look Ahead: Consultant to resubmit 100% plans.

Current Status: Have consultant address any additional comments after the Constructability review.

Last Month: Go over any comments that need to be addressed from the additional review.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$13,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 3rd Q 2014
Construction Activities: Start 1st Q 2015/End 4th Q 2016

Project Number: 671-01-004
Project Title: Eastburn Storm Water CIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Matthew Anderson
Project Mgr Phone: 704-336-7923
Consultant: CAMP DRESSER & MCKEE

Project Summary:

The project area covers about 450 acres, and includes neighborhoods along Park Rd, Park South Rd, Fairview Rd and Sharon Rd. The project will improve the drainage infrastructure in order to reduce flooding of streets, properties and structures.

**Vicinity Map**

Project Update:

Look Ahead: Coming up: Installation of pipe systems at Hazelton.

Current Status: September/13: Installation at Fairheath is substantially complete with street closed for construction access. Work is underway on installation of 6 x 4 concrete culvert upstream of Fairheath and through to Hazelton. Foundation protection installation has begun for remaining properties at Hazelton. Lining work at Stokes has been completed. As of invoice approved 9/18/13 project is approximately 84% complete with time frame for the construction phase is 95% expended.

Last Month: August/13: Installation at Fairheath is underway with the street closed for construction access. As of invoice approved 8/25/13 project is approximately 82% complete with time frame for the construction phase is 91% expended. July/13: Installation at Sunnybrook and Eastburn is complete and shoring installation at Fairheath is complete with pipe installation occurring. As of invoice approved 7/18/13 project is approximately 79% complete with time frame for the construction phase is 88% expended. June/13: Installation at Sunnybrook and Eastburn is complete and work is

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$8,800,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 671-04-700
Project Title: Edgewater/ Rosecrest SDI
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Greg Cole
Project Mgr Phone: 704-336-4824
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

Improve storm drainage system to reduce flooding of streets and property. Area is bounded by Emerywood & Archdale to the north, Norfolk Southern RR to the west, Starbrook Dr. to the south, and Little Sugar Creek to the east.

**Vicinity Map**

Project Update:

Look Ahead: October 2013 - Provide comments on Alternatives report to HDR. Meet to select a preferred alternative.

Current Status: 9/27/2013 - Review draft alternatives report.

Last Month: September - Finish and submit draft alternatives analysis. August - 2013 - Contact property owners regarding boarded up structures. Continue alternatives analysis. July 2013 - USI work on alts. PM to contact Code Enforcement and apartment property owners. June 2013 - Research property owners of apartments. Work on alternatives analysis. Title search completed for apartment complex. May 2013 - Start alts, meet with residents who called in after meeting summary mailer went out. April 2013 - Complete review of draft City Design Standard and provide USI with comments.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-04-713
Project Title: Gaynor SWCIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jackie Bray
Project Mgr Phone: 704-336-6770
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

The project involves planning, design & construction of improvements needed to address drainage issues in the Cotswold neighborhood (includes portions of Randolph Park neighborhood among others). The project limits include Gaynor. Wonderwood Dr., Hardwick Rd, Colwick Rd., Bertonley Av., Whitby Ln., and Addison Dr bound the Gaynor area.

**Vicinity Map**

Project Update:

Look Ahead: Consultant to address comments from 95% review.

Current Status: Provide consultant the Rewview comments from the 95% design submittal.

Last Month: Get 95% plan submittal.

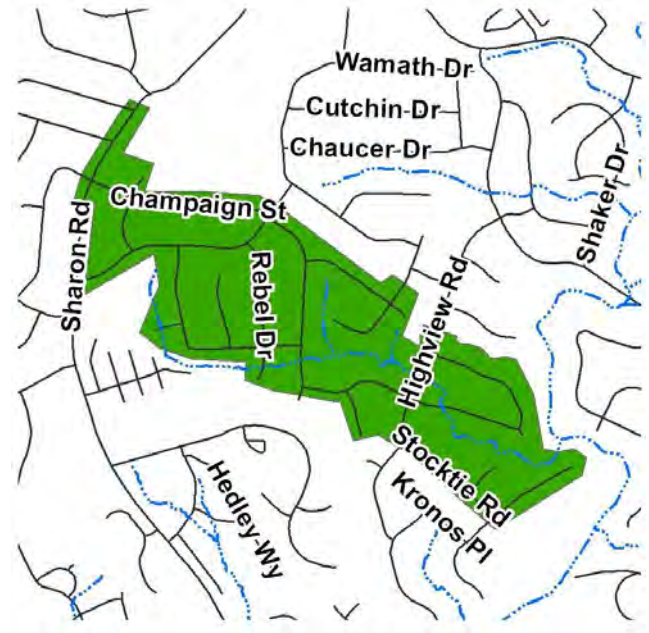
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$8,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2015/End 2nd Q 2017

Project Number: 671-12-015
Project Title: Hinsdale-Tinkerbell SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Greg Cole
Project Mgr Phone: 704-336-4824
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

Storm Water improvements to reduce flooding. The drainage area is approximately 238 acres and is bordered by Sharon Road to the west; Heathstead Place and Stocktie Road to the south; McMullen Creek to the east; and Tinkerbell Lane, Markworth Avenue, and Champaign Street to the north.

**Vicinity Map**

Project Update:

Look Ahead: October 2013 - Start planning public meeting and work on preferred alternative milestone.

Current Status: 9/26/2013 - Start planning second public meeting. AG starts working on final alternative analysis and report.

Last Month: September 2013 - Review Alternatives analysis, met with AG to review and select alternative, gave AG direction to start on final alternative report. August 2013 - Alts. report submitted. July 2013 - Work on alternatives report. June 2013 - Provide AG with comments on CDS and discuss alternatives for further study. May 2013 - Submitted draft CDS (City Design Standard) analysis. April 2013 - Prepare for 3/28 public meeting then wrap-up Existing Conditions Report and start CDS. March - Provide comments to AG, revise Existing Conditions. Prepare for public meeting in March.

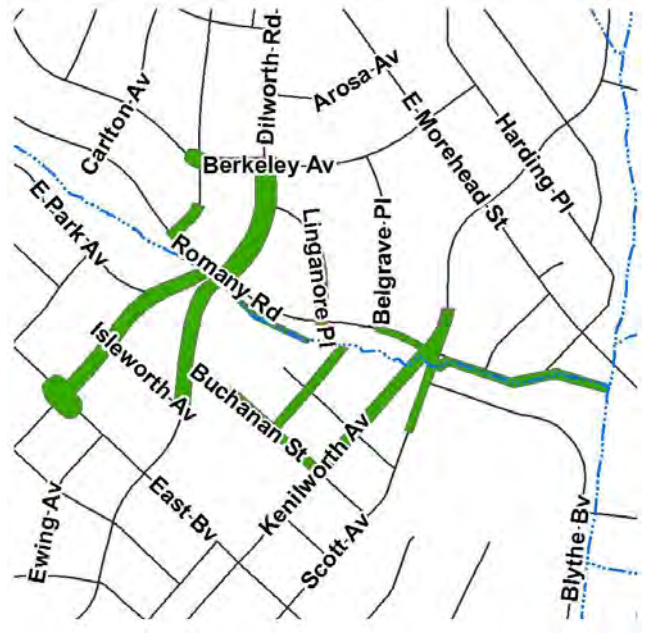
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-11-016
Project Title: Kenilworth / Romany SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Chad Nussman
Project Mgr Phone: 704-336-5676
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

The Kenilworth/Romany SDIP has been ranked as a high priority flood control project. This project is roughly bounded by East Boulevard to the southwest, Euclid Avenue to the northwest, Berkeley Avenue and East Morehead Street to the northeast, and upper Little Sugar Creek to the southeast. This project is within a drainage area of approximately 233 acres and the improvements may include culvert replacements, pipe system upgrades and channel improvements.

**Vicinity Map**

Project Update:

Look Ahead: 70% Plan Prep until 4th quarter 2013

Current Status: September 2013: Design is on schedule.

Last Month: August 2013: Design is on schedule. July 2013: Design is on schedule. June 2013: Design is on schedule. May 2013: Design is on schedule. April 2013: NTP for Design Phase provided on April 12. Response provided from hospital on preferred alignment on April 24. March 2013: Still awaiting response from hospital on the alignment through their property. They committed to give us a response by the end of April. Nearly complete with scope/fees for Design Phase. February 2013: Met with Hospital on January 15, and they requested 3-4 months to decide on the alignment through

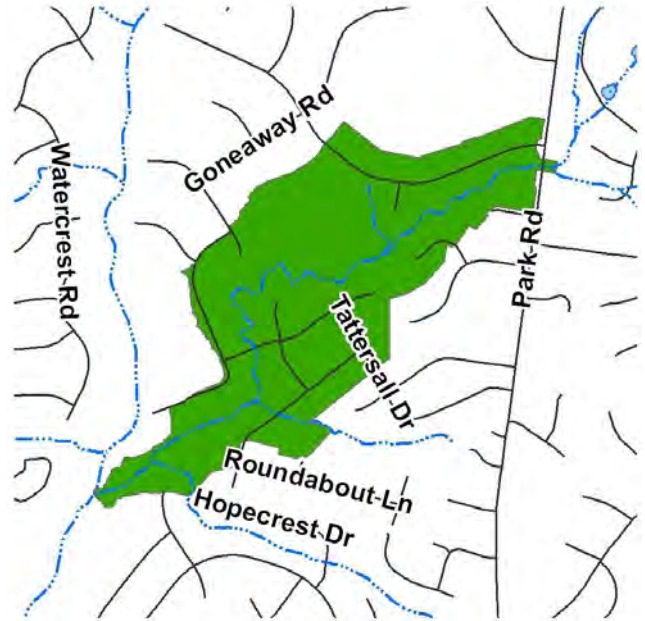
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$12,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2018/End 1st Q 2020

Project Number: 671-13-035
Project Title: Lilly Mill SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jackie Bray
Project Mgr Phone: 704-336-6770
Consultant: DEWBERRY AND DAVIS, INC.

Project Summary:

Lilly Mill SDIP will reduce road and structure flooding. It is bordered by Park Rd to the East, By Ramblewood Ln to the West, by Huntingtowne Farms Ln to the North and Creekbed Ln to the South. This is the first phase of the former Sunnyvale/Chandworth SDIP.

**Vicinity Map**

Project Update:

Look Ahead: Consultant to submit preliminary design at the end of the month.

Current Status: Consultant to continue to work on preliminary design.

Last Month: Consultant to continue to work on preliminary design.

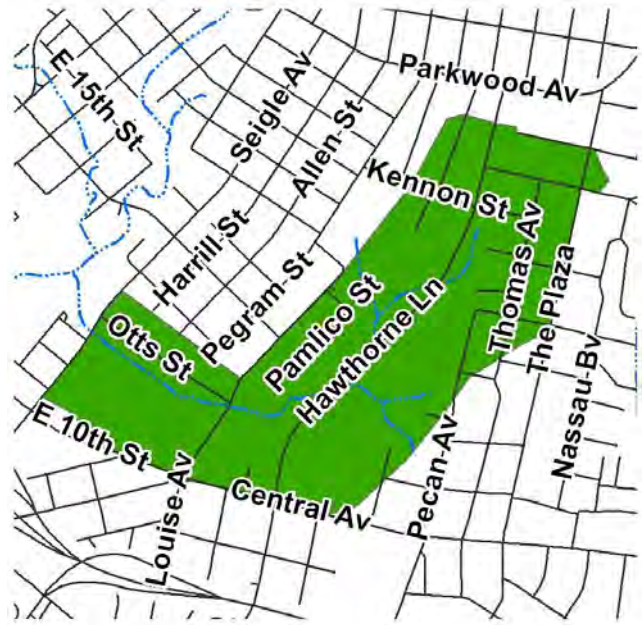
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,200,000.00
Planning Activities:
Design Activities: In-progress/End 3rd Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 3rd Q 2017/End 3rd Q 2019

Project Number: 671-06-008
Project Title: Louise Ave CIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Danee McGee
Project Mgr Phone: 704-336-4102
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

The project area covers about 447 acres. The project area is roughly bounded by Seigle Avenue to the west, Central Avenue to the south, The Plaza to the east, and Parkwood Avenue north. The project will analyze both channel and pipe systems. Channel conditions will be assessed to determine areas suitable for stream restoration, wetland enhancement, and/or mitigation credit.

**Vicinity Map**

Project Update:

Look Ahead: Bid Phase has started.

Current Status: September 2013: City Real Estate is working on Acquiring the Utility Easements. The plans are complete and Bid phase has started.

Last Month: August 2013: City Real Estate is working on Acquiring the Utility Easements. The plans are complete and we are otherwise ready to start bid phase.

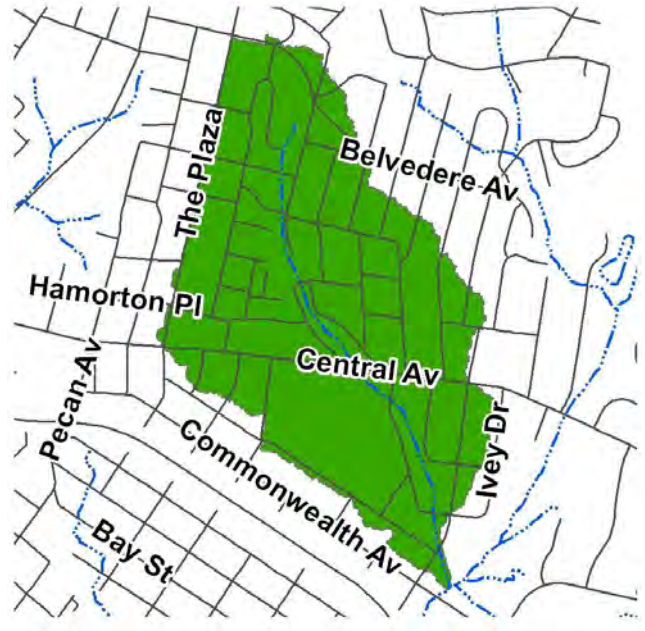
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$12,700,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: TBD

Project Number: 671-10-011
Project Title: Lyon Court SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: William Harris
Project Mgr Phone: 704-353-1147
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

Lyon Court is located between The Plaza, Belvedere Avenue, Morningside Drive, and McClintock Road. The purpose of the project is to reduce structural and roadway flooding along with reducing stream erosion.

**Vicinity Map**

Project Update:

Look Ahead: September 2013: Continue to work with the consultant/residents during the design phase. Hold monthly status meetings and answer property owner questions. Real estate submittal is pending.

Current Status: September 2013: Continue to work with the consultant/residents during the design phase. Hold monthly status meetings and answer property owner questions. Real estate phase preparation is underway.

Last Month: August 2013: Continue to work with the consultant/residents during the design phase. Hold monthly status meetings and answer property owner questions. Utility walks took place and comments are being compiled. Initial steps of easement acquisition are underway. July 2013: Continue to work with the consultant/residents during the design phase. Hold monthly status meetings and answer property owner questions. 70% design plans comments are with USI and they are updating the plans. The first phase of real estate should start soon. Utility walk(s) will take place in July.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$20,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: In-progress/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2017/End 4th Q 2020

Project Number: 671-05-708
Project Title: McAlway/ Churchill Storm Water Improvements
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: William Harris
Project Mgr Phone: 704-353-1147
Consultant: PARSONS, BRINCKERHOFF, QUADE & DOUGLAS, INC

Project Summary:

The project will improve the storm drainage infrastructure in order to reduce flooding of streets, properties, and structures. Streams will be stabilized and/or restored to provide a more natural, stable stream system. The project boundaries are roughly Meadowbrook Road and North Wendover Road to the north, McAlway Road to the east and south, and Randolph Road and Sedgewood Circle to the west.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Continue to coordinate with Real Estate as needed during the main real estate phase. Answer questions from real estate staff and property owners.

Current Status: September 2013: Continue to coordinate with Real Estate as needed during the main real estate phase. Meeting with property owners as well as RE staff on a frequent basis.

Last Month: August 2013: Continue to coordinate with Real Estate as needed during the main real estate phase. Several plats need to be updated as well as several plan sheets. Meeting with property owners as well as RE staff on a frequent basis.
July 2013: Continue to coordinate with Real Estate as needed during the main real estate phase. Several plats need to be updated as well as several plan sheets. Meeting with property owners as well as RE staff on a frequent basis.
June 2013: Continue to coordinate with Real Estate as needed during the main real estate phase. Several plats need to be

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: In-progress/End 3rd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2016/End 1st Q 2018

Project Number: 671-11-005
Project Title: Meadowridge SWCIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035943
Project Mgr: Adrian Cardenas
Project Mgr Phone: 704-336-4682
Consultant: W. K. DICKSON & CO., INC.

Project Summary:

This project involves analysis of existing conditions to determine portions of the storm drainage system needing improvement, planning analysis of improvement alternatives, and design and construction of needed improvements. The Meadowridge CIP is roughly bounded by Carmel Road to the East, McAlpine Creek to the west, Meadowridge Drive to the North and Ivy Gate Lane to the South. This project is within a drainage area of approximately 52 acres and the improvements may include culvert replacements, pipe system upgrades and channel improvements.

**Vicinity Map**

Project Update:

Look Ahead: Continue with Real Estate Phase and Easement Acquisition.

Current Status: September 2013: Continue with Real Estate Phase and Easement Acquisition.

Last Month: August 2013: Continue with Real Estate Phase and Easement Acquisition. July 2013: Public Meeting held July 16th and Real Estate Phase has started. June 2013: Scheduled Public Meeting (July 16th) and submitted plats and plans to Real Estate. May 2013: Draft plats submitted; Consultant is currently working on plat revisions due to comments. April 2013: Consultant is currently working on draft plats. (Due first week in May) March 2013: 70% plans have been reviewed and comments sent to consultants; consultant is currently working on draft plats.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: In-progress/End 3rd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 3rd Q 2016/End 2nd Q 2017

Project Number: 671-00-014
Project Title: Myrtle/M'head 1 Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Kate Labadorf
Project Mgr Phone: 704-336-3653
Consultant: WOOLPERT LLP

**Vicinity Map****Project Summary:**

The Myrtle/Morehead project area is bordered by South Boulevard to the west, John Belk Freeway to the north, and East Park Avenue and Mount Vernon to the southeast, and Baxter Street to the east. This project is within a drainage area of approximately 230 acres. Improvements will include realigning and upsizing the existing pipe system, adding additional pipes and inlets to capture street drainage, and abandoning sections of existing system located under buildings. The final design, bid, and construction of the project is being completed in two phases. Phase 1 includes work at Baxter Street, McDowell Street, Morehead Street, and Oriole Avenue.

Project Update:

Look Ahead: 3rd Quarter 2013: Submit Erosion Control Permit - 4th Quarter 2013

Current Status: September 2013: Real Estate Phase continues. Moving forward with 3 condemnations. 95% plan review is complete and field utility meeting held. Woolpert preparing Erosion and Sediment Control for submission and responding to NCDOT Encroachment Application comments. Change Control to split project into 2 phases is in for review.

Last Month: August 2013: Real Estate Phase continues. Preparing condemnations for November Council Agenda. 95% plans submitted and out for review. Preparing Change Control to split project into 2 phases.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-14-116
Project Title: Myrtle/M'head 2 Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Kate Labadorf
Project Mgr Phone: 704-336-3653
Consultant: WOOLPERT LLP

Project Summary:

The Myrtle/Morehead project area is bordered by South Boulevard to the west, John Belk Freeway to the north, and East Park Avenue and Mount Vernon to the southeast, and Baxter Street to the east. This project is within a drainage area of approximately 230 acres. Improvements will include realigning and upsizing the existing pipe system, adding additional pipes and inlets to capture street drainage, and abandoning sections of existing system located under buildings. The final design, bid, and construction of the project is being completed in two phases. Phase 2 includes work upstream of Oriole Avenue to South Boulevard.

**Vicinity Map**

Project Update:

Look Ahead: N/A at this time. Waiting for Phase 1 to progress into bid and construction.

Current Status: September 2013: 95% plans submitted and out for review. Change Control to split project into 2 phases is in for review.

Last Month: August 2013: 95% plans submitted and out for review. Preparing Change Control to split project into 2 phases.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 4th Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-10-016
Project Title: Parkwood Ph 1 Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: David Perry
Project Mgr Phone: 704-336-4202
Consultant: RS&H ARCHITECTS-ENGINEERS-PLANNERS, INC.

Project Summary:

This Storm Water Services Capital Improvement Project will address flooding issues in the area defined as follows: An area roughly bounded by the railroad tracks that run parallel to North Tryon Street (between North Tryon and Brevard) on the northwest, I-277/Brookshire Freeway on the southwest, Little Sugar Creek (or N. Myers Street) on the southeast, and E. 18th Street on the northeast.

**Vicinity Map**

Project Update:

Look Ahead: Continue work on easement acquisition and finalize plans.

Current Status: Sept 2013: Real Estate easement acquisitions continue on schedule, and construction plans are being finalized.

Last Month: August 2013: Real Estate easement acquisitions continue on schedule, and construction plans are being finalized.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$10,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 4th Q 2017

Project Number: 671-11-022
Project Title: Parkwood Ph 2 Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Brant Smiley
Project Mgr Phone: 704-432-2147
Consultant: W. K. DICKSON & CO., INC.

**Vicinity Map****Project Summary:**

This Storm Water Services Capital Improvement Project will address flooding issues in the area defined as follows: An area roughly bounded by N. Graham Street on the northwest, I-277/Brookshire Freeway on the southwest, the railroad tracks that run parallel to North Tryon Street (between North Tryon and Brevard) on the southeast, and Sylvania Avenue on the northeast. This phase also includes an area around 940 North Davidson.

Project Update:

Look Ahead: Existing Conditions Report due from consultant in early October, distribute report for review.

Current Status: September 2013: Consultant working on Existing Condition. Submittal due from consultant moved to early October

Last Month: August 2013: Continue survey for Existing Condition Submittal due from consultant in early September July 2013: Continue survey for Existing Condition Submittal due from consultant in early September June 2013: NTP for Survey and Planning issued 06-17-2013 May 2013: finished scoping with new consultant to start up Parkwood Phase 2 (took of hold) July 2011: A change control phasing the project (in order to support the schedule of construction for the LYNX Blue Line Extension (light rail) is being reviewed. The Existing Conditions report for both Phase 1 and Phase 2 is being

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-04-701
Project Title: Peterson Drive SDI
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Brant Smiley
Project Mgr Phone: 704-432-2147
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

Improve storm drainage system to reduce flooding of streets and property. Area is bounded by Freeland Ln and W. Cama to the north, Stuart Andrew Blvd. to the west, Yancey to the south, and South Blvd to the east.

**Vicinity Map**

Project Update:

Look Ahead: 100% plan submittal currently expected beginning of November. Change Control being drafted to move Bid Phase.

Current Status: September 2013: 99% plans under review. 100% plan submittal currently expected beginning of November. Change Control being drafted to move Bid Phase.

Last Month: August 2013: Working on 95% plan review and permitting. Real estate finished (except for 1 property owner in condemnation). Project should not be delayed, planning to keep bid schedule in fall. July 2013: Trying to make final Real Estate decisions so final design phase can start. Next 30 days will determine if project will be delayed. June 2013: Real estate continues. Will be making decisions about condemnations, developing 95% plans, and start permitting. May 2013: Real estate continues April 2013: Real estate continues March 2013: Real estate continues February 2013:

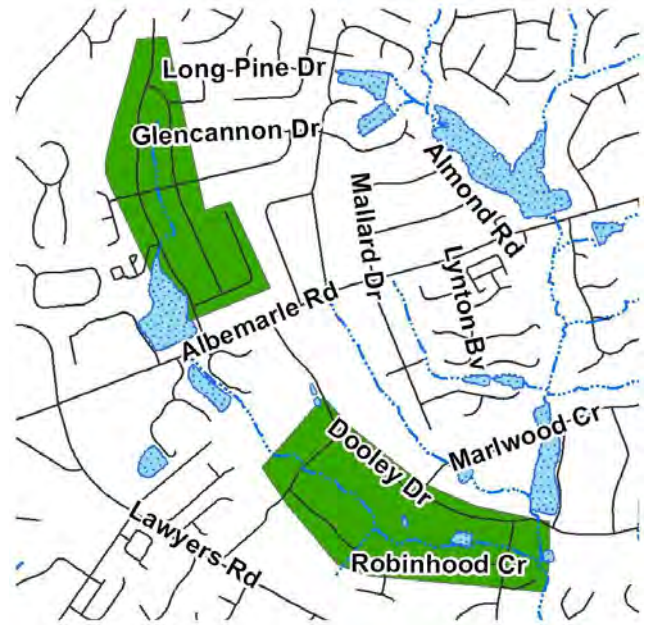
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$6,900,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: Complete
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2015/End 1st Q 2016

Project Number: 671-04-712
Project Title: Robinhood / Dooley SWCIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: David Perry
Project Mgr Phone: 704-336-4202
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

The project involves planning, design and construction of drainage improvements as needed to address flooding and erosion issue in the project area. The project area covers about 440 acres the east of W.T. Harris Boulevard, both north & south of Albermarle, roughly bounded by W.T. Harris to the northwest, Woodbridge Road to the northeast, Dooley Drive to the southeast, and Lawyers Road to the southwest.

**Vicinity Map**

Project Update:

Look Ahead: Construction continues through 2014.

Current Status: Sept 2013: Construction 20% complete.

Last Month: August 2013: Construction 18% complete. Additional unanticipated waterline relocations have been completed.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$7,200,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2016

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 671-13-100
Project Title: Scaleybark Detention Facility
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Brant Smiley
Project Mgr Phone: 704-432-2147
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

This project will provide a storm water detention facility serving a 25-acre watershed as needed to fulfill the provisions of a development agreement. These improvements were originally part of the scope for the Peterson Drive SDIP, but are being separated from that project so they can be completed within development agreement's timeframe.



Vicinity Map

Project Update:

Look Ahead: Complete final design and permitting. Bid phase in December.

Current Status: September 2013: Reviewing 99% plans. Prepare for 100% and sign-off

Last Month: August 2013: Working through 90% comments and permitting in review. July 2013: Initiation document signed July 23. Final design and permitting in review. June 2013: Project number assigned June 17.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$950,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 4th Q 2014/End 2nd Q 2015

Project Number: 671-01-007
Project Title: Shillington Storm Water CIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Doug Lozner
Project Mgr Phone: 704-432-0964
Consultant: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

Project Summary:

The project area is roughly bound by Park Rd. to the east, Sharon Rd. to the north, Sharon Acres Rd. to the east and includes parts of the Quail Hollow Country Club. The project will improve storm drainage infrastructure to reduce flooding of streets, properties and structures.

**Vicinity Map**

Project Update:

Look Ahead: Contractor to continue culvert installation under Shillington Place moving towards Bar Harbor Lane, and from Shillington Place towards Greencastle Drive.

Current Status: September 2013: The contractor is finishing installing new box culverts along Shillington Place, which included a moving closure down Shillington. Detour signs are in place notifying of the closure. Work will then begin along the channel stabilization portion of the system located between Bar Harbor Lane and Prince George Road. The contractor has also mobilized a second crew to install new culverts along Greencastle Drive. Construction is on schedule.

Last Month: August 2013: The contractor has finished installing culverts under Eagle Glen and Gleneagles Rd. and both roads are open to the public. The contractor is currently working along Shillington Place installing new box culverts, which includes closing down Shillington. Detour signs are in place notifying of the closure. Construction is on schedule. June 2013: The contractor is installing culverts under Eagle Glen and Gleneagles Rd. Gleneagles Rd is closed during its culvert construction. Detour signs are in place and mailers were sent to residents notifying of the closure. Construction

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$5,700,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 3rd Q 2014

Project Number: 671-12-007
Project Title: Water Oak SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Adrian Cardenas
Project Mgr Phone: 704-336-4682
Consultant: BARBARA H. MULKEY ENGINEERING, INC.



Vicinity Map

Project Summary:

The Water Oak SDIP is located to the east of the intersection of Randolph Road and Sharon Amity Road, and is roughly bounded by Addison Drive, Whitby Lane, and Sir Winston's Place to the west, Stafford Circle to the south, Emory Lane and Walker Road to the east and Hartness Avenue to the north. This project area is within a drainage area of approximately 115 acres and the improvements may include culvert replacements, pipe system upgrades and channel improvements.

Project Update:

Look Ahead: Receive/review Selected Alternative milestone report. (expected 10/11)

Current Status: September 2013 - Finalized Alternative Analysis Submittal. Consultant working on Selected Alternative Submittal.

Last Month: August 2013 - Reviewed Alternative Analysis Draft submittal and provided comments back to consultant. Finalized City Design Standard submittal. July 2013 - Alternative Analysis Draft Milestone report received. June 2013 - City Design Milestone report received and began Alternative Analysis. May 2013: Draft City Design Milestone report reviewed and met with peer team to select alternatives Apr 2013: Finalized existing conditions; Worked on reviewing City Design Standard submittal. Mar 2013: Finalize existing conditions; Receive/review City design standard submittal. (Expected in

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-09-005
Project Title: Westridge/ Allenbrook Drainage / Stream Restoration
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jackie Bray
Project Mgr Phone: 704-336-6770
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

This project encompasses an approximately 390-acre area bordered on the north by the railroad tracks south of Tarheel Road, on the east by Bradford Drive, on the south by Freedom Drive, and on the west by Allenbrook Drive. The Allenbrook portion of the project will involve restoration improvements to the stream that runs from Allenbrook Drive to the Paw Creek floodway. The need for this project was identified from customer service complaints of house (finished floor) and road flooding, and of stream erosion.

**Vicinity Map**

Project Update:

Look Ahead: Work primarily on NIP portion of project.

Current Status: Finish repair work. Construction continues on flood control work.

Last Month: Repair some areas that were damaged in the recent large storm events. Continue with channel stabilization downstream of Westridge. Work is about 50% complete.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$5,900,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2014

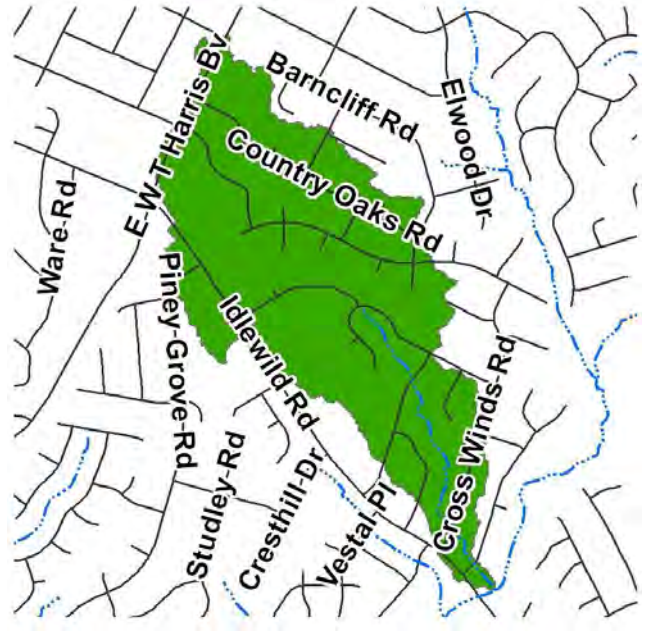
PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 671-05-709
Project Title: Wiseman SDI
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Jackie Bray
Project Mgr Phone: 704-336-6770
Consultant: W. K. DICKSON & CO., INC.

Project Summary:

The project area covers about 165 acres, which will be analyzed for storm drainage improvements.; The project area is roughly bounded by W.T. Harris Blvd. to the north, Idlewild Road to the west, Barncliff Road to the east, and Braewick Place to the south.



Vicinity Map

Project Update:

Look Ahead: Consultant to resubmit 100% plans.

Current Status: Consultant to address additional comments on 100% plans.

Last Month: On hold.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$7,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-13-073
Project Title: Yancey Rd SDIP
Program Category: STORM WATER
Program Title: Storm Water - Flood Control (0120)
Fund/Center: 2701/0035800
Project Mgr: Adrian Cardenas
Project Mgr Phone: 704-336-4682
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

Project is located in the area of Peterson Drive to the North, Old Pineville Road to the East, Woodlawn Road to the South, and Stuart Andrew Blvd. to the West. Improvements to the existing infrastructure are needed to reduce structure and road flooding.

**Vicinity Map**

Project Update:

Look Ahead: Fee negotiations with consultant and issue NTP (for remaining tasks). Review draft survey submittal.

Current Status: September 2013 Consultant working on Survey. Fee negotiations with consultant for remaining planning tasks.

Last Month: August 2013 Consultant working on Survey. July 2013 Project Management Plan Approved. Consultant working on Survey. June 2013 Define project limits and scope. Start fee negotiations with Consultant. Issue NTP. May 2013 Pre-Planning Phase. Initiation document approved by Leadership Team 5/14/2013

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2015
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-13-077
Project Title: 6th St./Graham St. SDIP
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035800
Project Mgr: Greg Cole
Project Mgr Phone: 704-336-4824
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

The 6th and Graham Storm Drainage Improvement Project involves analysis of existing conditions to determine portions of the storm drainage system needing improvement, planning analysis of improvement alternatives, and design and construction of needed improvements. The 6th and Graham Storm Drainage Improvement Project is roughly bounded by I-77 to the northwest; 9th Street to the northeast; N. Tryon St to the southeast; and 5th Street to the southwest. This project is within a drainage area of approximately 200 acres and the improvements may include culvert replacements, pipe system upgrades, and channel improvements.

**Vicinity Map**

Project Update:

Look Ahead: October 2013 - Review existing conditions analysis, gather survey, and model additional areas added after viewing pipe video.

Current Status: 9/26/2013 - Receive and start reviewing existing conditions report. Receive pipe video submittal, review project boundaries, negotiate fees for adding additional pipe system to project area based on pipe video findings. Also add additional pipe system to include service request at 6th and Church that the DM-team has request the E-Team handle.

Last Month: September 2013 - Start existing conditions analysis. Wrap up pipe video work. August 2013 - Continue survey and videoing. Coordinate with confined space staff to video large culverts remote cameras can't access. July 2013 - NTP issued 6/25. Start survey and pipe videoing. Prepared project plan. Coordinated with Street Maintenance to clear obstructions from culverts for pipe videoing.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2015
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-13-071
Project Title: Atando Avenue SDIP
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035953
Project Mgr: Danee McGee
Project Mgr Phone: 704-336-4102
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

**Vicinity Map****Project Summary:**

The project area is located East of North Graham Street, South of Johnson Road, North of West 30th Street (Matheson Avenue) and West of Atando Avenue. The purpose of the project is analyze structural and roadway flooding and determine alternatives to alleviate the flooding.

Project Update:

Look Ahead: The consultant will be utilizing the previously completed modeling for the Atando Sidewalk Project and the Storm Water Alternative Analysis process to complete a simplified version of the planning report. We are expecting this by 1st quarter 2014.

Current Status: September 2013: The consultant is working on Planning Phase.

Last Month: August 2013: The consultant is working on Planning Phase.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2015
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-10-014
Project Title: Cedars East Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035800
Project Mgr: Matthew Anderson
Project Mgr Phone: 704-336-7923
Consultant: STV / RALPH WHITEHEAD ASSOCIATES, INC.

Project Summary:

The purpose of the project is to reduce structural flooding of the Idlewild Apartments and downstream street flooding at Eaglecrest Road and Amity Place.

**Vicinity Map**

Project Update:

Look Ahead: Coming up: Scope/fee negotiations for design, set BSC/IPDS updates after NTP. Construction of the M-Team work.

Current Status: September 2013 - Scoping of Design has begun with fees from STV delivered and one round of review comments completed. Maintenance work is being coordinated by the construction group to construct. A preconstruction meeting has been scheduled and utilities have scheduled the relocations with additional meetings with utilities and the contractor taking place. A change control has been filed and a full change control setting schedule once fees are negotiated for Design is forthcoming.

Last Month: August 2013 - Final updates to planning have occurred and planning has been finalized. Scoping of Design has begun with fees from STV expected early next month. Maintenance work has been to the construction group to coordinate and construct. A preconstruction meeting has been scheduled and utilities have scheduled the relocations. A draft TBD change control has been drafted and is in review with a full change control proposed/expected setting schedule once fees are negotiated for Design. July 2013 - Alternative analysis has been submitted and a public meeting was held on

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: Start 4th Q 2013/End 1st Q 2016
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-12-003
Project Title: Greenhaven / Pierson Drive Storm Drainage Improvement
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035943
Project Mgr: Harold Smith
Project Mgr Phone: 704-432-5532
Consultant: PARSONS, BRINCKERHOFF, QUADE & DOUGLAS, INC

Project Summary:

The Greenhaven Lane-Pierson Drive project is a flood control project located between Pierson Drive and Winfield drive. There have been several reports of flooding of property owner due to the existing channels and pipes being undersized. The watershed to be studied covers 119 acres.

**Vicinity Map**

Project Update:

Look Ahead: October 2013- Review report for selected alt. Make any necessary comments. After review of selected alt get a public meeting set up. Send out mailers 2 weeks prior to public meeting. Start scoping design fees.

Current Status: September 2013- Recieve and review finalized Alt report and selected alt report from consultant.

Last Month: August 2013- Review and comment on alternative analysis report. Provide comments back to consultant. Set up peer team meeting to choose a preffered design. July 2013- answer any questions from property owners and consultant. Alternative analysis due for review Aug 5, 2013 June 2013- Finalize fee's and get a notice to proceed issued for 2 alternative analysis designs. Send out quarterly mailers. May 2013- Recieve finilized City Design Standard submittal. Negotiate fee's and schedule for the 2 chosen alternatives. April 2013- finalize the city design standard submittal and

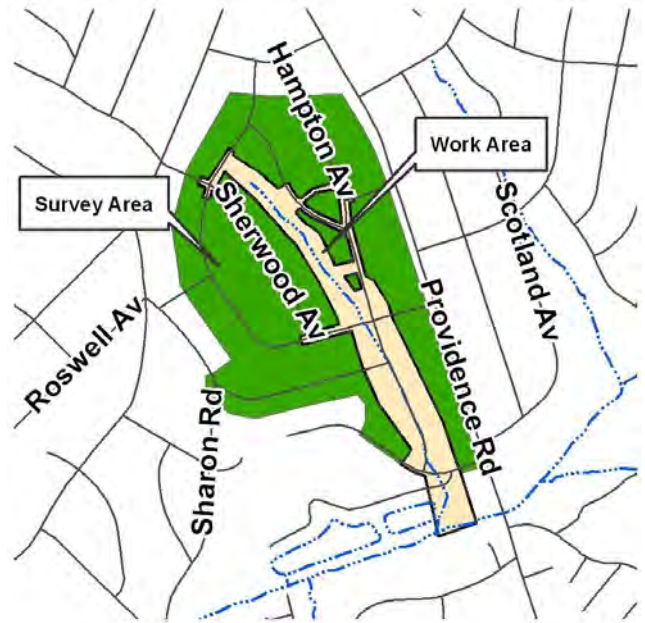
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-10-015
Project Title: Hampton Storm Drainage CIP
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035800
Project Mgr: Danee McGee
Project Mgr Phone: 704-336-4102
Consultant: BAKER, INC

Project Summary:

The project area covers approximately 123 acres and includes neighborhoods to the east of Queens Road, north of Hanson Drive, south of Oxford Place and west of Providence Road. The project will analyze both channels and pipe systems. Channel conditions will be assessed to determine areas suitable for stream enhancement. Stream restoration improvements may be made on suitable channel sections to reduce erosion. Improvements may include culvert replacements, pipe system upgrades and channel improvements. The boundaries of the project area are Sharon Road to the southwest, Hampton Avenue to the northeast and Malvern Road to the southeast.

**Vicinity Map**

Project Update:

Look Ahead: Public meeting coming up for Real Estate Phase.

Current Status: September 2013- .Preliminary plans have been submitted and are currently under review by project team.

Last Month: August 2013- .Preliminary plans have been submitted and are currently under review by project team.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$8,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2017/End 2nd Q 2018

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 671-11-003
Project Title: Hill Street Minor SDI
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035943
Project Mgr: Danee McGee
Project Mgr Phone: 704-336-4102
Consultant: DEWBERRY AND DAVIS, INC.



Vicinity Map

Project Update:

Look Ahead: Alts Submittal expected 4th quarter

Current Status: September 2013 We are approving Alt Analysis fees.

Last Month: August 2013 City Design Complete. We are approving Alt Analysis fees.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-12-004
Project Title: Lincoln Heights SDIP
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035943
Project Mgr: Steven McCraney
Project Mgr Phone: 704-432-0967
Consultant: ARMSTRONG GLEN, P.C.

**Vicinity Map**

Project Update:

Look Ahead: Currently scoping planning phase with new consultant (Armstrong Glen); after scope & fees approved will issue NTP for project.

Current Status: September 2013: The project team is currently scoping the planning phase with a new consultant (Armstrong Glen). After scope and fees are approved, the NTP will be issued for the project.

Last Month: August 2013: A TBD change control has been approved on August 26, 2013. The project team is currently scoping the planning phase with a new consultant (Armstrong Glen). After scope and fees are approved, the NTP will be issued for the project. July 2013: The project team is currently working on the Existing Conditions phase. Existing Conditions report has been submitted and is being reviewed by the project team. June 2013: The project team is currently working on Existing Conditions phase. May 2013: The project team is currently working on Existing Conditions phase. Project

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2015
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-13-049
Project Title: Mary Alexander Rd. SDIP
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035953
Project Mgr: Steven McCraney
Project Mgr Phone: 704-432-0967
Consultant: LANDDESIGN, INC.

Project Summary:

This project involves addressing street flooding and the failure of a 48-inch culvert under Mary Alexander Road near East Mallard Creek Church Road. The improvements may include culvert replacements, pipe system upgrades, and downstream channel improvements. Mary Alexander Road is the back entrance to the University of North Carolina at Charlotte. The project is within a drainage area of approximately 130 acres.

**Vicinity Map**

Project Update:

Look Ahead: Continue working on Survey and Existing Conditions phase.

Current Status: September 2013: Continue survey and existing conditions phase.

Last Month: August 2013: Surveying phase continues. July 2013: Surveying phase continues. June 2013: Scoping is complete. Issued NTP for Survey and Planning phase (through CDS) on June 26, 2013. Survey will start in July. May 2013: Currently scoping planning phase. After scope and fees are approved, we will issue NTP for survey and planning. April 2013: Currently scoping planning phase. After scope and fees are approved, we will issue NTP for survey and planning.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2015
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-12-008
Project Title: Pressley Rd Culvert Replacements
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035943
Project Mgr: Brant Smiley
Project Mgr Phone: 704-432-2147
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

This project involves replacement of two failing culverts beneath Pressley Road (off Old Plank Road). The street is a cul-de-sac, so the few residents on the street would not have access to or from their property if the road were to be closed as a result of either culvert collapsing.

**Vicinity Map**

Project Update:

Look Ahead: Prepare for 99% plan review and sign-off

Current Status: September 2013: 99% Plan review scheduled for early October.

Last Month: August 2013: 95% Plan review complete at end of August. Real estate phase is complete, all easements signed. July 2013: Final design phase is beginning. Real Estate should have all easements signed. June 2013: Project in Real Estate. May 2013: Project in Real Estate April 2013: Project in Real Estate March 2013: RE started and public meeting being held March 26 February 2013: RE finally officially started and public meeting being scheduled January 2013: RE Services has worked with PM on plat revisions over last 6 months. RE finally started and public meeting

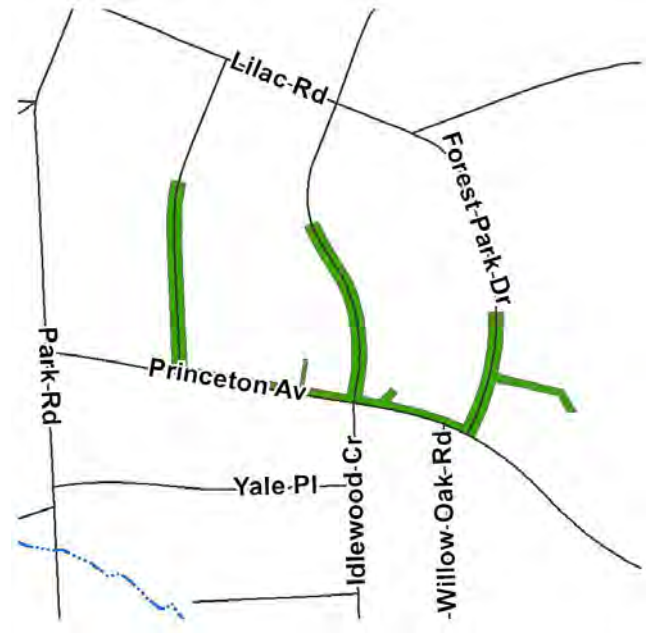
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 2nd Q 2015/End 3rd Q 2015

Project Number: 671-11-019
Project Title: Princeton-Somerset Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Minor Capital Improvements (35943)
Fund/Center: 2701/0035943
Project Mgr: Jennifer Barker
Project Mgr Phone: 704-432-0963
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

The Princeton-Somerset Minor Storm Drainage Improvement Project covers approximately 30 acres and is located in the Upper Little Sugar Creek Drainage Basin. This project is bordered to the north by Lilac Road, to the west by Somerset Drive, to the south by Princeton Avenue, and to the east by Freedom Park. This project will address flooding and erosion in the project area.

**Vicinity Map**

Project Update:

Look Ahead: The designer will finalize the plats for easement acquisition and the Real Estate phase will begin.

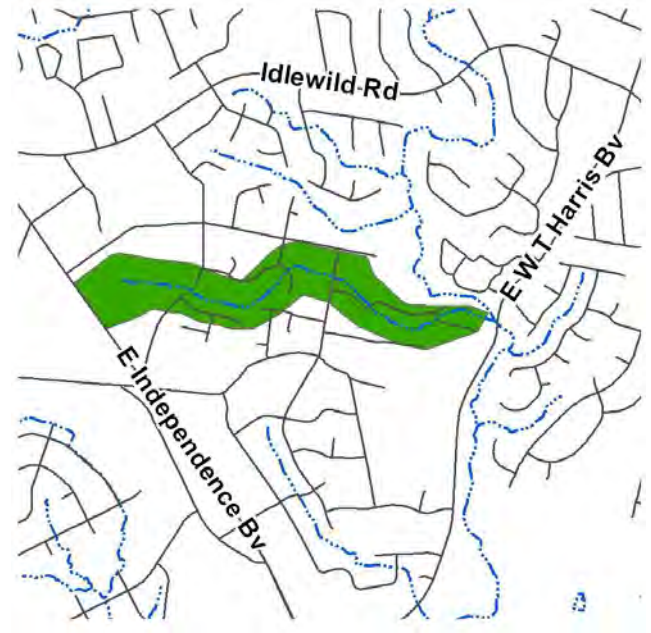
Current Status: September 2013. A public meeting was held on September 12th presenting the preliminary construction drawings. The designer is preparing plats for easement acquisition.

Last Month: August 2013. The designer is preparing plats for easement acquisition.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: Start 4th Q 2013/End 1st Q 2015
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2016/End 3rd Q 2016

Project Number: 671-00-005
Project Title: City View Stream Restoration
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: Chad Nussman
Project Mgr Phone: 704-336-5676
Consultant: W. K. DICKSON & CO., INC.

**Vicinity Map****Project Summary:**

The entire open length of this stream will be evaluated and badly eroded sections will be repaired or restored for mitigation bank credits. Flood studies will be expanded to identify house and street flooding along the entire stream length and to determine if five large street culverts must be replaced or enlarged.

Project Update:

Look Ahead: Construction to begin in October 2013 and last until 4th quarter 2014.

Current Status: September 2013 - Finalizing pre-Construction activities. Storm Water Construction staff held Pre-Construction meeting on 9/18/13. Construction NTP to be in October 2013.

Last Month: August 2013 - Moving through pre-Construction activities. Contract finalized on 8/20/13. Waiting on Storm Water Construction staff to hold Pre-Construction meeting. July 2013 - Awarded to OnSite by City Council on 7/22/13. Moving forward into pre-Construction activities. June 2013 - Contracts moved Bid opening from 5/14/13 to 6/18/13 to 7/22/13. May 2013 - Contracts moved Bid opening from 5/14/13 to 6/18/13. April 2013 - Bid opening on 5/14/13. March 2013 - Bid opening on 5/14/13. February 2013 - Project in Bid. January 2013 - Project in Bid. December 2012: Coordinating

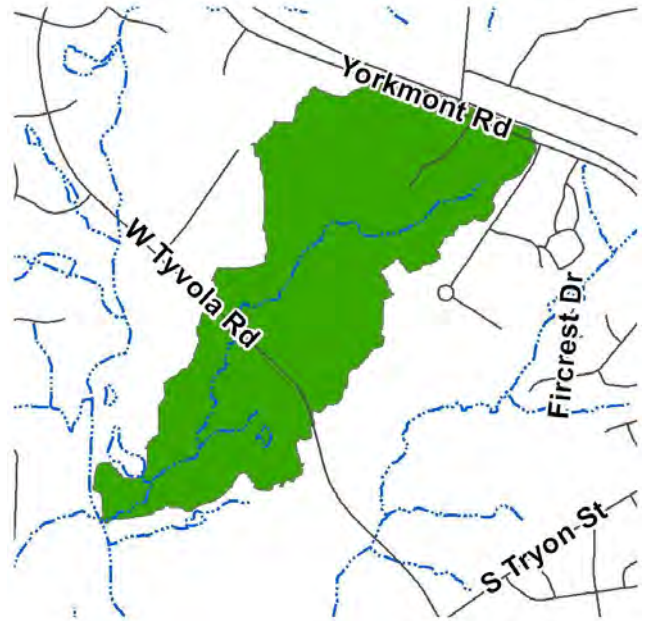
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,600,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: Complete
Construction Activities: Start 1st Q 2014/End 1st Q 2015

Project Number: 672-10-005
Project Title: Coliseum Creek Stream Restoration
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: William Harris
Project Mgr Phone: 704-353-1147
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

The project is a stream restoration project on Coliseum Creek. It is located within the Sugar Watershed in the City of Charlotte, near the intersections of West Tyvola Rd. and Yorkmont Rd. This project was identified in the SRRP ranking process as a high ranking project.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Continue to work with the Real Estate department and the consultant to answer any questions during the real estate (and design) phase. Wrap up easement efforts.

Current Status: September 2013: Continue to work with the Real Estate department and the consultant to answer any questions during the real estate phase. The last 4 parcels are winding down. Planning to restart design soon.

Last Month: August 2013: Continue to work with the Real Estate department and the consultant to answer any questions during the real estate phase. Plats are being updated to work towards the end of the real estate phase. July 2013: Continue to work with the Real Estate department and the consultant to answer any questions during the real estate phase. Design is underway (again) with HDR. Cost to complete fees were reviewed and approved (NTP sent). Plats are being updated to work towards the end of the real estate phase. June 2013: Continue to work with the Real Estate department and the

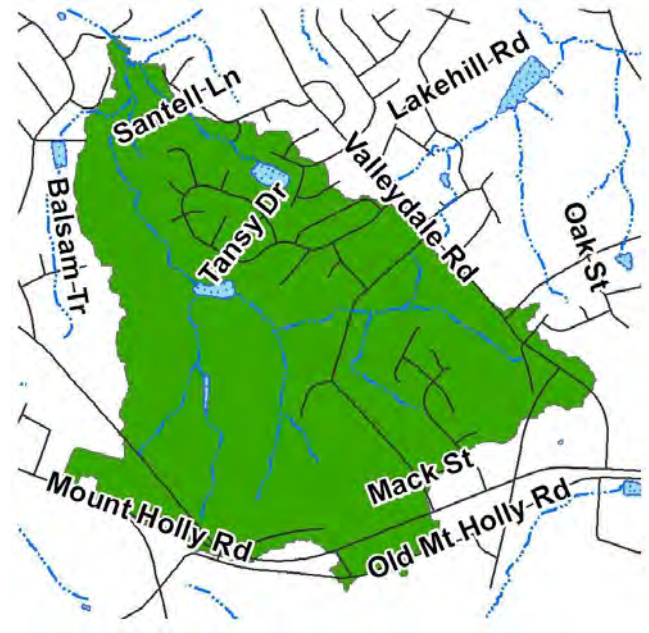
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: TBD
Real Estate Activities: In-progress/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-09-015
Project Title: Coulwood Stream Restoration
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: Matthew Anderson
Project Mgr Phone: 704-336-7923
Consultant: Primary Consultant Not Determined

Project Summary:

The Coulwood Branch watershed is approximately 510 acres nestled into the northwest corner of the Mt. Holly Rd. and Valleydale Rd. intersection. The stream restoration project involves analysis of existing conditions to determine areas suitable for stream restoration and mitigation credit, analysis of restoration alternatives, as well as design and construction of recommended improvements. This project will restore, enhance, and protect approximately 4,400 lf of severely eroded and degraded stream bed and generate credit for the City's mitigation bank. The project also includes pond improvements to the Colonial Pipeline pond immediately upstream of the stream restoration. The pond improvements are intended to maximize the water quality benefit of the existing pond.

**Vicinity Map**

Project Update:

Look Ahead: We will continue to progress on our easement negotiations with Colonial Pipeline.

Current Status: September 2013: Communication and negotiation over easement coordination for Colonial Pipeline continues. City real estate continues to work with Mecklenburg County to acquire the easement from them as well. Colonial Pipeline has requested that conservation easements be minimized and requests for stormwater funding for other areas of impact have been requested and are being discussed. The consultant and surveyor have submitted a revised plat for the parcel. City Real Estate has emailed those revisions and reached out to Colonial in an attempt to make progress on remaining outstanding issues. Colonial has expressed a concern about usage of the land inside the reduced

Last Month: August 2013: Communication and negotiation over easement coordination for Colonial Pipeline continues. City real estate continues to work with Mecklenburg County to acquire the easement from them as well. Colonial Pipeline has requested that conservation easements be minimized and requests for stormwater funding for other areas of impact have been requested and are being discussed. The consultant and surveyor have submitted a revised plat for the parcel. City Real Estate has emailed those revisions and reached out to Colonial in an attempt to make progress on

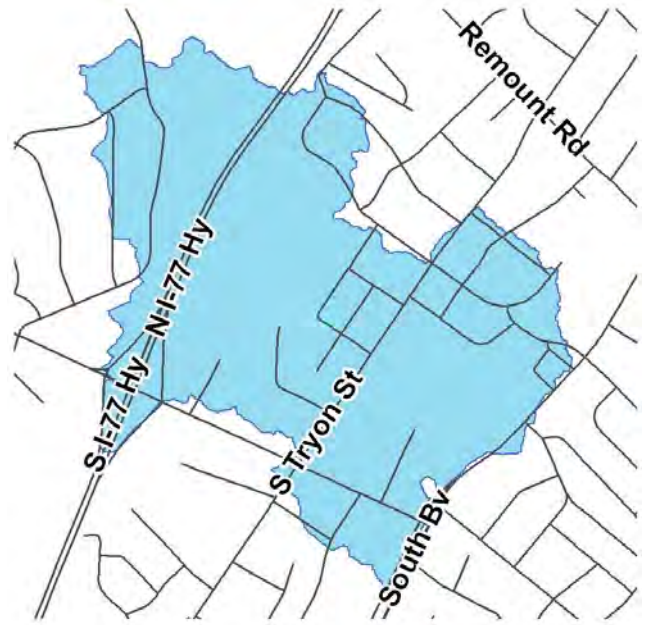
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 672-09-005
Project Title: Glassy Creek Stream Restoration
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: Danee McGee
Project Mgr Phone: 704-336-4102
Consultant: WILDLANDS ENGINEERING INC.



Vicinity Map

Project Summary:

The Glassy Creek Stream Restoration Project is bordered by Clanton Road and Barringer Road with I-77 bisecting the channel through the middle of the project. The project will generate mitigation credits that can be used to meet Federal and State regulations that require mitigation for impacts to streams and wetlands caused by public projects. This project will improve water quality through re-vegetation and acquisition of protective easements, converting a degraded, eroding stream corridor to a stable condition and these projects support the City's objective of sustaining the quality of the environment.

Project Update:

Look Ahead: Bid Phase 7 months (should be complete 1st quarter 2014) and Construction (should take 10 months to one year- 4th quarter 2014).

Current Status: September 2013- Bid Phase has Started.

Last Month: August 2013- Bid Phase has Started. Working on Change Control.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Complete
 Design Activities: Complete
 Real Estate Activities: Complete
 Bid Phase Activities: In-progress/End 1st Q 2014
 Construction Activities: TBD

Project Number: 672-10-008
Project Title: Lakewood WQ Improvement
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: Adrian Cardenas
Project Mgr Phone: 704-336-4682
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

**Vicinity Map****Project Summary:**

This project is located between Freedom Drive and Brookshire Boulevard, just southeast of I-85. The goal of the project is to restore approximately 2200 feet of stream and construct a BMP to treat storm drainage runoff from adjacent neighborhoods. Storm Water will be coordinating with CDOT, Mecklenburg County, and the Catawba Land Conservancy on other projects adjacent to the stream.

Project Update:

Look Ahead: Consultant to prepare survey and real estate report

Current Status: September 2013 - Review final feasibility report. Meet internally to discuss projects' feasibility and path forward

Last Month: August 2013 - Compile and provide consultant with comments to Feasibility Study July 2013 - Distribute and review Feasibility Study - Phase II June 2013 - Consultant working on Feasibility Study - Phase II May 2013 - Consultant working on Feasibility Study - Phase II Apr 2013 - Issued NTP for Feasibility Phase Thru March 2013 - Project on-hold until Water Quality staff finds more partners to fund the project.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00

Planning Activities:

Design Activities:

Real Estate Activities:

Bid Phase Activities:

Construction Activities:

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 672-10-003
Project Title: Newell Stream Restoration Project
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: Jennifer Barker
Project Mgr Phone: 704-432-0963
Consultant: STANTEC CONSULTING SERVICES INC.



Vicinity Map

Project Summary:

This project was identified by the Water Quality Team's SRRP as a high-ranking candidate for a stream restoration project. The watershed drainage area for the project covers approximately 235 acres and is roughly bounded by East W. T. Harris Boulevard to the north, Old Concord Road to the east, Knollwood Circle to the south, and Toby Creek to the west. The project generally consists of a network of streams that drain into Toby Creek.

Project Update:

Look Ahead: Continue working with RE to obtain easements. Coordinate with Consultant, as necessary, through the easement acquisition process.

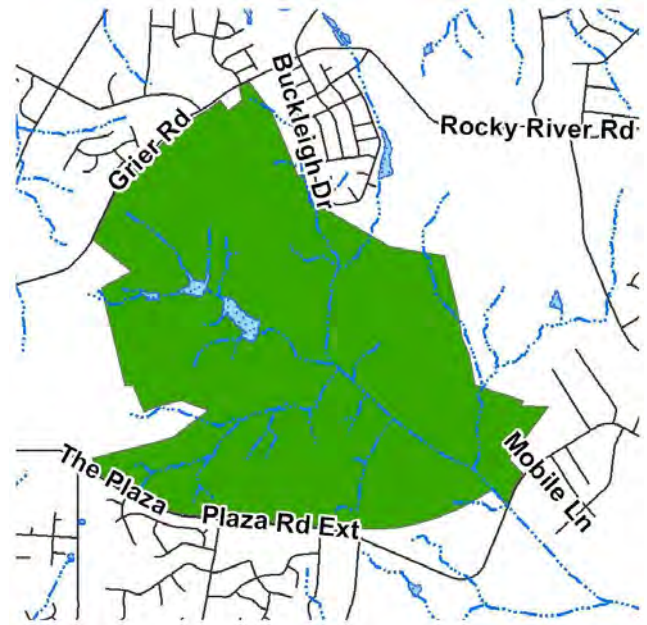
Current Status: September 2013: Continue working with RE to obtain easements. Coordinate with Consultant, as necessary, through the easement acquisition process.

Last Month: August 2013: Continue working with RE to obtain easements. Coordinate with Consultant, as necessary, through the easement acquisition process.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities:
Real Estate Activities:
Bid Phase Activities:
Construction Activities:

Project Number: 671-11-011
Project Title: Reedy Creek Stream Restoration
Program Category: STORM WATER
Program Title: Storm Water - Stream Restoration (0155)
Fund/Center: 2701/0035921
Project Mgr: William Harris
Project Mgr Phone: 704-353-1147
Consultant: Primary Consultant Not Determined

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Work with staff to take the next step in the RFQ process and answer any questions that come up. Review the submittals once they arrive.

Current Status: September 2013: Work with the team to work on real estate questions/issues. The draft RFP was sent to the 3 firms in July. Proposals are due on 10-04-2013.

Last Month: August 2013: Work with the team to work on real estate questions/issues. The draft RFP was sent to the 3 firms in July. There was a Pre-Submittal meeting held on 7-12-2013. Proposals are due on 10-04-2013. CC#3 was drafted on 7-24-2013. July 2013: Work with the team to work on real estate questions/issues. Black and Veatch has taken over the RFP preparation and is fast tracking the efforts. The draft RFP should be sent to the 3 firms in July. CC#3 was drafted on 7-24-2013. June 2013: Work with the team to work on real estate questions/issues. Black and Veatch has taken

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: TBD
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

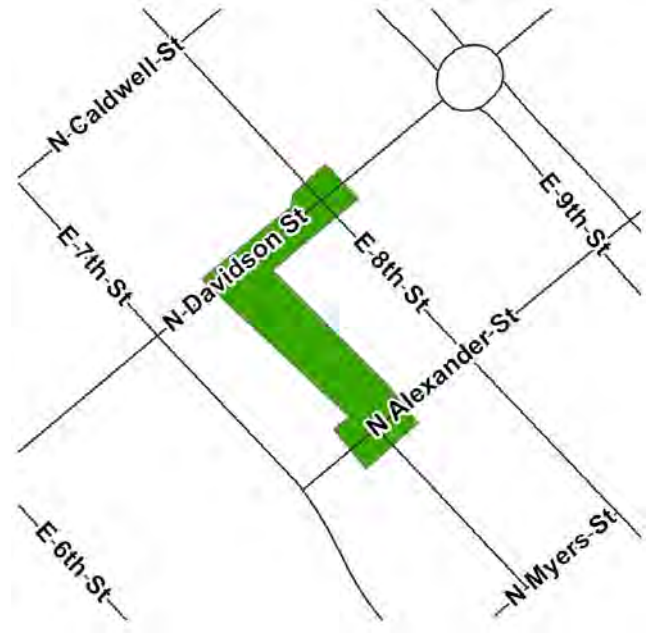
PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 671-11-026
Project Title: First Ward Storm Drainage Improvements
Program Category: STORM WATER
Program Title: Storm Water - Transit Projects Support
Fund/Center: 2701/0035946
Project Mgr: Kate Labadorf
Project Mgr Phone: 704-336-3653
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

This project involves analyzing existing conditions to determine portions of the storm drainage system needing improvement, planning analysis of improvement alternatives, and design and construction of needed improvements. The First Ward SDIP consists of the main storm water trunk line that starts at the intersection of East 8th Street and North Caldwell Street and discharges into a channel near the intersection of North McDowell Street and East 6th Street. This project is within a drainage area of approximately 163 acres and the improvements may include culvert replacements and pipe system upgrades.



Vicinity Map

Project Update:

Look Ahead: 3rd Quarter 2013: Submit Sediment and Erosion Control Plans.

Current Status: September 2013: Real Estate is ongoing for the 2 parcels. 95% plans in for review

Last Month: August 2013: Real Estate is ongoing for the primary parcel (2 easements total).

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,500,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2016/End 3rd Q 2016

Project Number: 671-11-018
Project Title: Trade Street SWCIP
Program Category: STORM WATER
Program Title: Storm Water - Transit Projects Support
Fund/Center: 2701/0035949
Project Mgr: Kate Labadorf
Project Mgr Phone: 704-336-3653
Consultant: URS Corporation - North Carolina

Project Summary:

In coordination with the Streetcar Starter Project (SSP), Storm Water Services will evaluate the drainage system in the vicinity and downstream of the SSP area. Needed improvements will be designed and built as part of the SSP bid and construction.

**Vicinity Map**

Project Update:

Look Ahead: 3rd Quarter 2013 - Complete Pipe Lining Construction (adding an additional segment of pipe).

Current Status: September 2013: Streetcar and Trade Street Construction continues (see Streetcar for more detail). Construction of drainage is basically complete. Pipe lining which was tentatively scheduled for week of September 23rd has been delayed (at contractor's request). Working with Streetcar and Uptown events to reschedule.

Last Month: August 2013: Streetcar and Trade Street Construction continues (see Streetcar for more detail). Construction of drainage is basically complete. Pipe lining tentatively scheduled for week of September 23rd.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,800,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2015

Project Number: 671-11-002
Project Title: Ashley Farm Pond Rehabilitation
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Tom Purvis
Project Mgr Phone: 704-336-3660
Consultant: GAVEL & DORN PLLC

Project Summary:

This pond located in east Charlotte off Ashley Farm Drive, near the intersection of Independence Boulevard and Margaret Wallace Road. The existing spillway and outlet pipe for the pond are in poor condition and need to be stabilized to preserve the water quality benefit provided by the pond.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Continue working toward 100% Design Submittal and obtain mylar signatures.

Current Status: September 2013: Work toward 100% Design Submittal.

Last Month: August 2013: Work toward 99% Design Submittal. All easements for the project obtained

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,250,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 2nd Q 2015/End 4th Q 2015

Project Number: 671-11-014
Project Title: Bongaard Pond Improvement Project
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Chad Nussman
Project Mgr Phone: 704-336-5676
Consultant: DEWBERRY AND DAVIS, INC.

Project Summary:

This project may result in improvements to Bongaard Pond to enhance its capability to treat storm water runoff. The pond is located in northeast Charlotte off of Middle Acres Road.

**Vicinity Map**

Project Update:

Look Ahead: Construction Phase until October 8.

Current Status: September 2013 - Wrapping up Construction. Substantially complete walk scheduled for October 8, 2013.

Last Month: August 2013 - In Construction. Approximately 95% complete. Continue work on the dam and roadway improvements, but have had difficulty locating the specified soils for the dam embankment until recently. July 2013 - In Construction. Approximately 90% complete. Continue work on the dam and roadway improvements, but have had difficulty with recent rains continuing to wash out work and having to re-build portions of the project as a result. June 2013 - In Construction. 60% complete. Continue work on the dam and roadway improvements, but have had difficulty with recent

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,000,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities:
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2014

Project Number: 671-06-006
Project Title: CMS-South Park Watershed Enhancement
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Matthew Anderson
Project Mgr Phone: 704-336-7923
Consultant: BAKER, INC

Project Summary:

This project will involve the planning, design and construction of a storm water quality BMPs at the Charlotte-Mecklenburg Schools (CMS) - South Park Campus. The project site has a drainage area of approximately 186 acres and includes Selwyn Elementary School, Alexander Graham Middle School, and Myers Park High School within the South Park Campus site. The site is bordered by Runnymede and Colony Roads in southeast Charlotte, NC with drainage to Briar Creek and an unnamed tributary to Briar Creek. The construction of this project is partially funded with grant money from the Clean Water Management Trust Fund.

**Vicinity Map**

Project Update:

Look Ahead: Coming up: Site 10, and Sites 1 and 3 completion.

Current Status: (September 2013) Construction at Site 10 is awaiting further guidance from Engineer regarding the retaining wall. Site 3 underground storage infiltration swale is nearing completion and Site 1 construction is being coordinated. As of invoice approved 9/6/13, project is approximately 63% complete with time frame for the construction phase 82% expended.

Last Month: (August 2013) Construction at Site 10 is awaiting further guidance from Engineer regarding the retaining wall. Site 3 underground storage infiltration swale is under construction with subgrade achieved stone placed and plastic storage management system underway. As of invoice approved 8/16/13, project is approximately 51% complete with time frame for the construction phase 73% expended. (July 2013) Site 8 construction is finalized with only minor issues remaining. Construction at Site 10 is underway with pipe installation in progress. As of invoice approved 7/12/13,

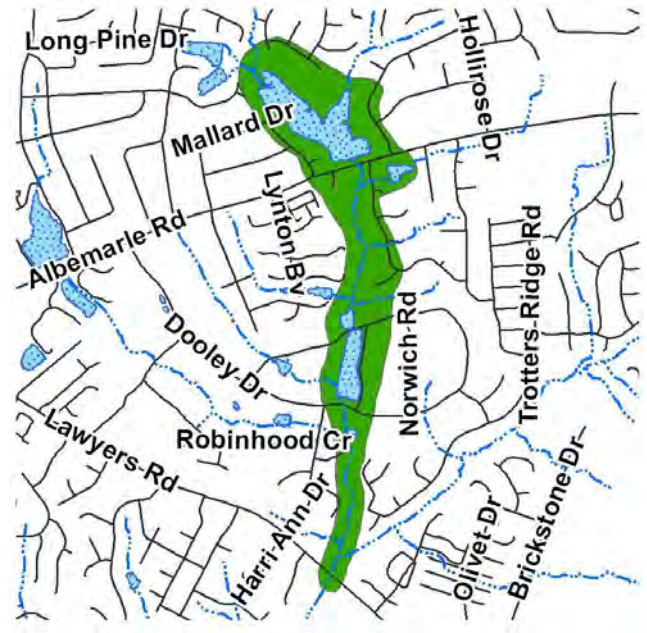
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,200,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2014

Project Number: 671-13-036
Project Title: Marlwood / Waverly Pond Rehabilitations
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Chad Nussman
Project Mgr Phone: 704-336-5676
Consultant: DEWBERRY AND DAVIS, INC.

Project Summary:

Marlwood/Waverly is a water quality pollution control project located off of Albemarle Rd. It encompasses two ponds, and several culverts that will be studied as an integrated system. Marlwood pond is north and east of Marlwood Circle, west of Timber Lake Drive, and south of Sherington Way. Waverly Pond is just upstream from Marlwood Pond. Waverly Pond is north and adjacent to Albemarle Rd, south of Ivey Hollow Drive, east of Almond Rd and west of Tamora Drive.

**Vicinity Map**

Project Update:

Look Ahead: Planning Phase through 4th quarter 2013.

Current Status: September 2013 - Alt analysis and conceptual design continues.

Last Month: August 2013 - Alt analysis and conceptual design continues. July 2013 - Alt analysis and conceptual design continues. June 2013 - Field survey submitted for review on 5/28/13. Alt analysis and conceptual design has started. May 2013 - Field survey continues until next month. April 2013 - Currently surveying the watershed. March 2013 - Planning Phase NTP given on March 8, 2013.

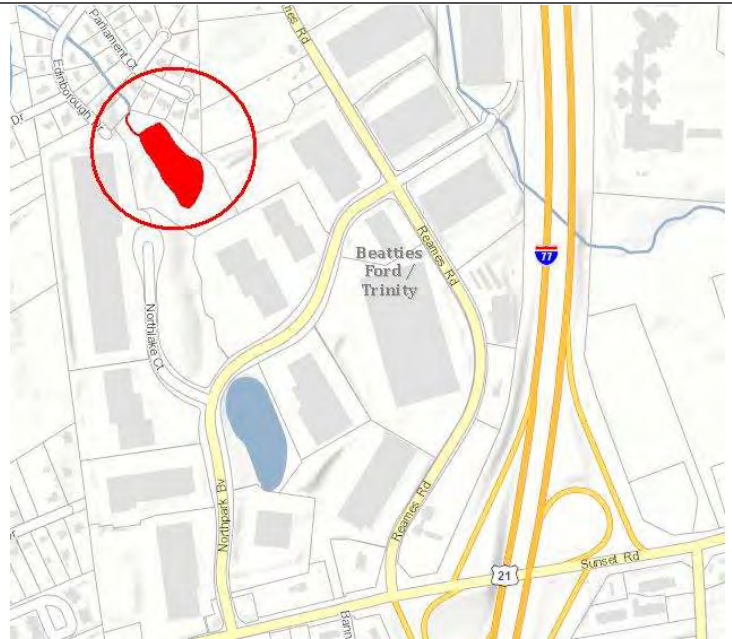
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-12-006
Project Title: NorthPark Pond
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Tom Purvis
Project Mgr Phone: 704-336-3660
Consultant: W. K. DICKSON & CO., INC.

Project Summary:

NorthPark Pond is located northwest of the intersection of I-77 and Sunset Road and more specifically, at the north end of North Lake Court. The Pond is located in the Long Creek watershed and has a drainage area of approximately 105 acres. The pond currently provides a public benefit to the City of Charlotte in the form of pollutant reduction and, possibly flood control. It is the City's desire to retain and/or enhance these benefits as part of this project.

**Vicinity Map**

Project Update:

Look Ahead: October 2013: Address 100% Comments and obtain mylar signatures. Work towards start of Bid Phase.

Current Status: September 2013: Work toward 100% submittal.

Last Month: August 2013: Work toward 99% submittal. All Utility Easements have been obtained.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: Complete
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 1st Q 2015/End 3rd Q 2015

Project Number: 671-12-002
Project Title: Pickway Pond
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: William Harris
Project Mgr Phone: 704-353-1147
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

Pickway Pond is a water quality pollution control project located between Pickway Dr. and Hilltop Circle, north of North Graham Street, south of West Sugar Creek Rd. in the Derita/Statesville area. The pond drainage area is approximately 37.27 Acres. The pond has a normal pool size of 0.95 acres. The drainage area has significant impervious area (industrial) upstream which makes this pond a prime candidate pollution control device. Work includes rebuilding of the dam (which has failed) and evaluating the nearby sanitary sewer line to see if it will be rehabilitated and/or re-located. The water quality improvement will be to maximize storage of the 1" and 1 year rainfall runoff volume.

**Vicinity Map**

Project Update:

Look Ahead: October 2012: Work with the consultant and client to proceed further with design (towards 99% plans) and easement efforts.

Current Status: September 2012: Work with the consultant and client to proceed further with design (towards 99% plans) and easement efforts. The remaining easement effort is underway.

Last Month: August 2012: Work with the consultant and client to proceed further with design (towards 99% plans) and easement efforts. 95% plan comments were set to AG and are being addressed. July 2012: Work with the consultant and client to proceed further with design (towards 99% plans) and easement efforts. 95% plan comments were set to AG and are being addressed. June 2013: 95% plans were submitted and comments are being made. Easement effort is still underway. May 2013: 95% plans were submitted and comments are being made. Easement effort is still underway.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$800,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 2nd Q 2016

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 671-11-009
Project Title: Shadowlake Pond Rehabilitation
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Jennifer Barker
Project Mgr Phone: 704-432-0963
Consultant: ARMSTRONG GLEN, P.C.

Project Summary:

This project will make improvements to Shadowlake Pond to enhance its function as a water quality feature. The project area is in the vicinity of Carmel Road and Pineville-Matthews Road. The pond lies south of Quail Ridge Drive between Ryder Avenue and Carpenter Drive in the Shadowlake Neighborhood.



Vicinity Map

Project Update:

Look Ahead: Begin construction.

Current Status: September 2013: City council awarded the construction contract to Onsite Development, LLC.

Last Month: August 2013: The construction documents have been advertised for construction services. Bid opening is scheduled on Thursday September 29th.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,100,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities:
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 3rd Q 2014/End 1st Q 2015

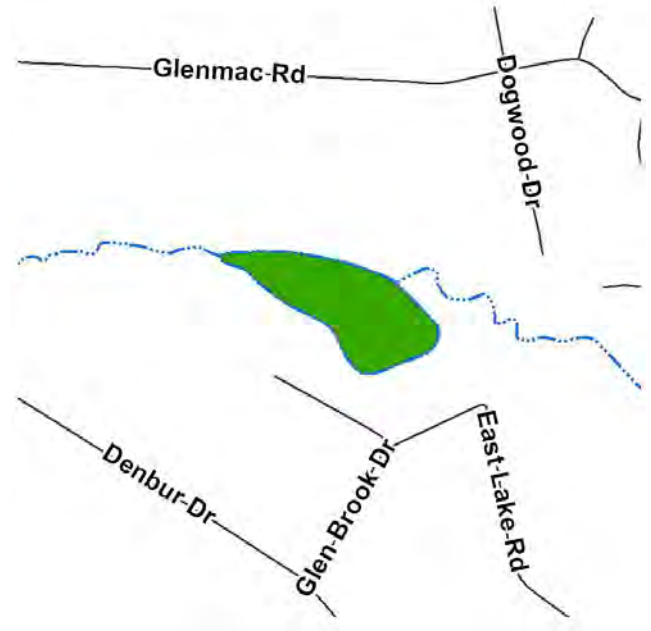
PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 671-13-031
Project Title: Tuckalake Pond
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Brant Smiley
Project Mgr Phone: 704-432-2147
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

Tuckalake is a pond project north of Tuckalake Dr and south of East Lake Rd. It involves dam and outlet repairs.



Vicinity Map

Project Update:

Look Ahead: Anticipate approval of scope and fees and issuance of Notice to Proceed by 1st Quarter, 2014.

Current Status: Reviewing background project information and defining project limits and fees with the consultant as part of the Origination Phase.

Last Month: Reviewing background project information and defining project limits and fees with the consultant as part of the Origination Phase.

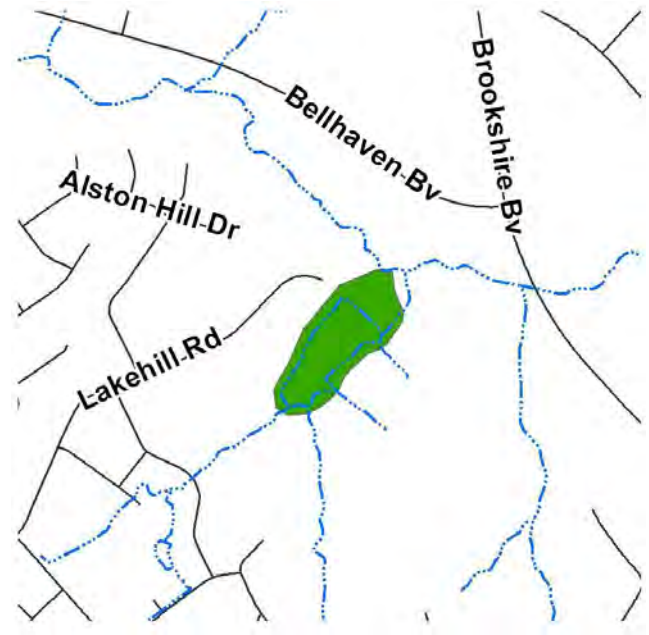
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: TBD
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 671-11-023
Project Title: Wilson Pond
Program Category: STORM WATER
Program Title: Storm Water - Water Quality/Polltn Control (0157)
Fund/Center: 2701/0035870
Project Mgr: Chad Nussman
Project Mgr Phone: 704-336-5676
Consultant: US INFRASTRUCTURE OF CAROLINA, INC.

Project Summary:

Wilson Pond is a water quality pollution control project located in northwest Charlotte near the intersection of Brookshire Boulevard and Bellhaven Boulevard. The main access to the pond is at the end of Lakehill Road. The pond drainage area is approximately 181 acres and it has an existing normal pool of approximately 2.8 acres. The pond discharges into a short section of stream that converges with Gum Branch (FEMA Stream) approximately 400 feet downstream. The objective of the project is to preserve the pond and enhance its function as a water quality feature.

**Vicinity Map**

Project Update:

Look Ahead: Design is wrapping up and signatures have been obtained from all stakeholders. Final sign-off by Eteam Leader and Division Manager to occur by mid-October 2013 to initiate Bid Phase. Project has delayed due to extended negotiations with downstream property owner in an effort to prevent condemnation.

Current Status: September 2013: RE has submitted condemnation on downstream property due to inability to get signature through extended negotiations, and it was scheduled to be on the September 23 Council Agenda. The condemnation was removed from the agenda and a meeting was held with the property owner, Jennifer Smith, Matt Gustis, Greg Van Hoose, Chad Nussman, and the contract RE Agent on September 26 in an effort to satisfy the property owner prior to condemnation. Also, due to lessons learned from prior pond projects, the project Special Provisions were revised until final approval on 9/19/13 to try to limit delays in locating soil once construction starts. Once plans have been signed off

Last Month: August 2013: RE has submitted condemnation on downstream property due to inability to get signature through extended negotiations, and it's scheduled to be on the September 23 Council Agenda. Plans have been signed off by all stakeholders. Division Manager has reviewed once, and comments are being addressed by USI. Once plans have been signed off by Division Manager, project will be submitted to Bid Phase. July 2013: RE is near condemnation on downstream property due to inability to get signature through extended negotiations. Plans have been signed off by all

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,600,000.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 1st Q 2015/End 3rd Q 2015

Project Number: 512-12-044
Project Title: Barringer Bridge Replacement
Program Category: TRANSPORTATION
Program Title: Bridge Repair Program
Fund/Center: 2010/0024806
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: WSP SELLS

Project Summary:

This project will replace the bridge on Barringer Drive over Irwin Creek approximately 500 feet south of Beechnut Drive. Sidewalks on the bridge and improvements to the approaches as deemed necessary will also be provided. As part of the project, an environmental study will be done as required by FHWA.

**Vicinity Map**

Project Update:

Look Ahead: Continue survey and work and items for environmental document.

Current Status: August 2013: Consultant is continuing planning work on bridge project and is working toward completing the environmental document.

Last Month: July 2013: Consultant has begun planning work on bridge project and is working toward completing the environmental document.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: Start 4th Q 2013/End 2nd Q 2016
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-12-045
Project Title: Michael Baker Bridge Replacement
Program Category: TRANSPORTATION
Program Title: Bridge Repair Program
Fund/Center: 2010/0024805
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: DYER, RIDDLE, MILLS AND PRECOURT, INC. (DRMP)

Project Summary:

This project will replace the bridge on Michael Baker Place over Briar Creek along with sidewalks on the bridge and improvements to the approaches as deemed necessary. As part of the project an environmental study will be done as required by FHWA.

**Vicinity Map**

Project Update:

Look Ahead: Complete environmental document.

Current Status: September 2013: Consultant has begun planning work on bridge project and is working toward completing the environmental document. A public meeting has been scheduled for 10/15.

Last Month: August 2013: Consultant is beginning planning work on bridge project and is working toward completing the environmental document.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-08-018
Project Title: Johnson & Wales Way/4th St/Trade St
Program Category: TRANSPORTATION
Program Title: Center City Transportation Program
Fund/Center: 2010/0049501
Project Mgr: Joe Frey
Project Mgr Phone: 704-336-5276
Consultant: GANNETT FLEMING, INC.

Project Summary:

This project will make improvements to the intersections of Johnson & Wales Way with 4th Street and Trade St. and also include a travel lane reduction, traffic calming, and pedestrian and bike improvements to 4th St. (Extension) from approximately Cedar Street to Tuckaseegee Road. Tuckaseegee Rd from 4th St. Extension to the intersection of Mint Street was restriped to reduce the travel lanes and add bike lanes while resurfacing was being done in summer 2009. Funded portion of the project will include modifications to the intersections of Johnson & Wales Way at both 4th Street and Trade Street to eliminate free-flowing right turn lanes and make other pedestrian improvement. It will also include the lane reduction and addition of planted medians and some on-street parking to 4th Street from Johnson & Wales Way to Summit Avenue (just west of I-77).

**Vicinity Map****Project Update:**

Look Ahead: Sept. 2013 Bid Opening scheduled for 10/24 and award 12/9

Current Status: Sept. 2013 Bid opening pushed back to 10/24 and Award date to 12/9 Change Control in process (See Risk and Mitigation Update)

Last Month: August 2013 Bid Phase progressing

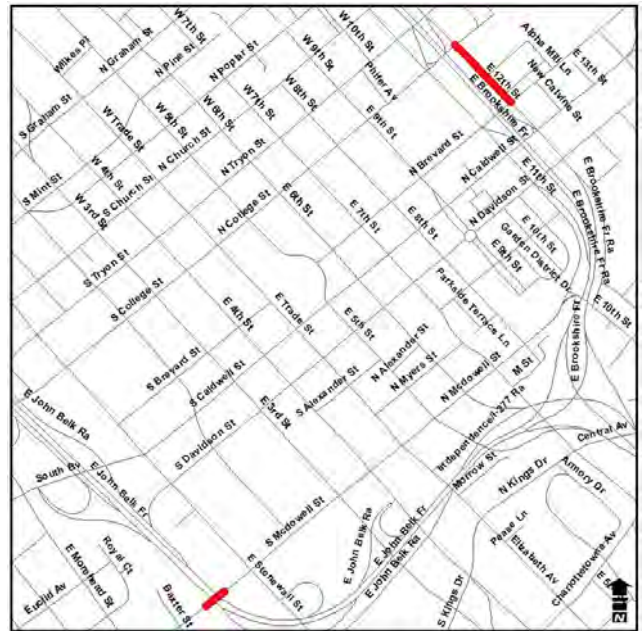
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: Start 2nd Q 2014/End 4th Q 2014

Project Number: 512-12-002
Project Title: Overpass / Underpass Enhancement Program
Program Category: TRANSPORTATION
Program Title: Center City Transportation Program
Fund/Center: 2010/0049508
Project Mgr: Chandler Crofts
Project Mgr Phone: 704-432-5528
Consultant: Consultant Not Required

Project Summary:

This project will add bike lanes and sidewalk improvements at three locations: (1) W. 4th St; (2) E. 3rd & 4th St; (3) South McDowell Street & I-277 and (4) N. Church St.

**Vicinity Map**

Project Update:

Look Ahead: Prepare plans for Duke mark-ups & prepare NCDOT encroachment agreement (Oct 2013)

Current Status: Address final comments & update plans(Sept 2013)

Last Month: Send Final Plans out for final review & sign-off (August 2013)

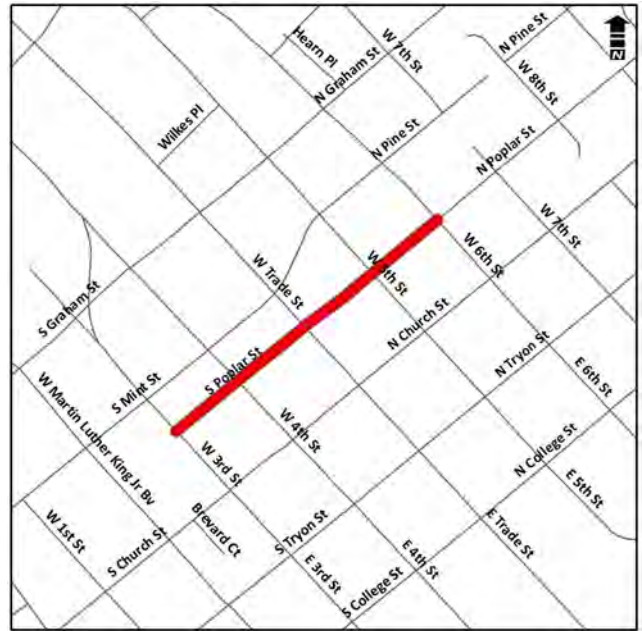
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 4th Q 2014
Bid Phase Activities: Start 4th Q 2013/End 3rd Q 2015
Construction Activities: TBD

Project Number: 512-12-036
Project Title: Poplar 2-Way Conversion
Program Category: TRANSPORTATION
Program Title: Center City Transportation Program
Fund/Center: 2010/0049504
Project Mgr: Jonathan Sossamon
Project Mgr Phone: 704-432-0406
Consultant: In-House Design Project

Project Summary:

Poplar Street will be converted to a two-way, two-lane street from Third Street to Sixth Street. On-street parking will be provided where the right-of-way width and future development allows.

**Vicinity Map**

Project Update:

Look Ahead: Construction Continues

Current Status: September 2013 Construction began Sept 4 and NTP was issued on Aug. 27

Last Month: August 2013: Contract awarded

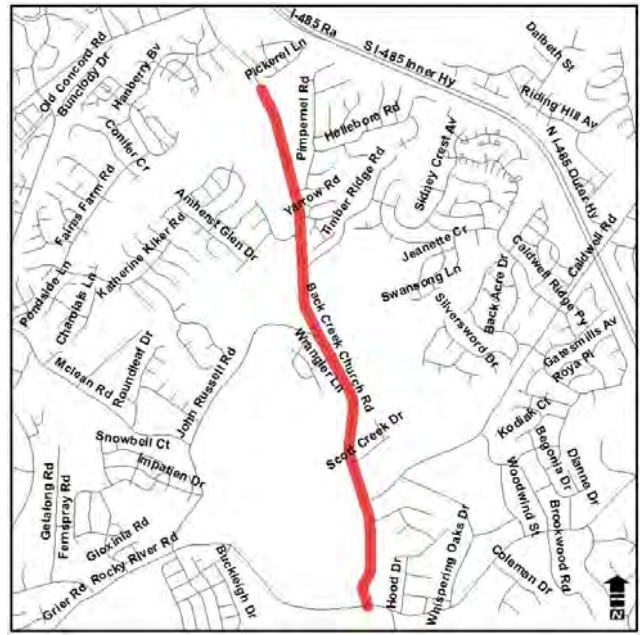
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,050,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities:
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: In-progress/End 2nd Q 2014

Project Number: 512-09-022
Project Title: Back Creek Church Rd- FTM Improvements
Program Category: TRANSPORTATION
Program Title: Farm to Market Roads
Fund/Center: 2010/0047485
Project Mgr: Imad Fakhreddin
Project Mgr Phone: 704-336-7926
Consultant: PB AMERICAS, INC.

Project Summary:

This project will involve upgrading Back Creek Church Road to urban street standards and will improve safety and traffic flow in the northeastern part of the City. The initial study limits extends from Rocky River Road to University City Boulevard, with specific improvement locations to be determined as work progresses.

**Vicinity Map**

Project Update:

Look Ahead: In the next 90 days, Consultant will be working on revising the right of way plans and starting the final design plans. City Survey will start working on the R/W Plat preparation.

Current Status: September 2013- The consultant is finalizing the right of way plans to be sent to City Surveying for Plat preparation.

Last Month: August 2013- Consultant is addressing comments from right of way plan review and working on a finalizing utility plans. CDOT is considering adding left turn lane on Rocky River Road at Back Creek Church Road, the consultant is preparing a proposal for this work. July 2013- Staff walked the project with Mecklenburg County Environmental Health staff and identified two properties with impacted septic fields to be connected to the City sewer system. Right of way plans review is scheduled for August 13. June 2013- A change control document was prepared to reflect the

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-07-011
Project Title: Community H Ph1 (Tamarron Dr - Providence Rd West) F
Program Category: TRANSPORTATION
Program Title: Farm to Market Roads
Fund/Center: 2010/0047484
Project Mgr: Joe Frey
Project Mgr Phone: 704-336-5276
Consultant: In-House Design Project

Project Summary:

The project will make improvements to Community House Road from Bryant Farms Road to Ardrey Kell Road.

**Vicinity Map**

Project Update:

Look Ahead: Sept. 2013 Begin Construction in less than 30 days

Current Status: Sept. 2013 Contract Awarded and being executed

Last Month: August 2013: Bid opening done and Red Clay Industries was low bidder Contract awarded by Council on August 26th

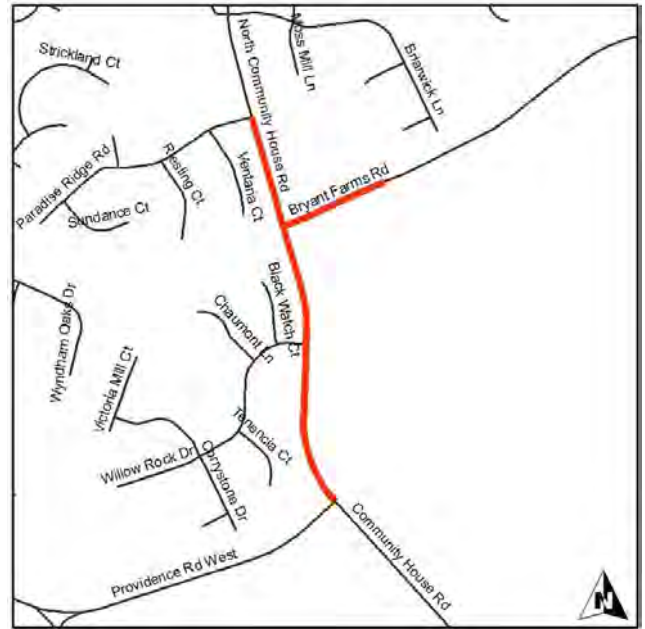
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$3,250,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: In-progress/End 3rd Q 2014

Project Number: 512-13-015
Project Title: Community H Ph2 (Providence Rd West to Paradise Ridg
Program Category: TRANSPORTATION
Program Title: Farm to Market Roads
Fund/Center: 2010/0047484
Project Mgr: Joe Frey
Project Mgr Phone: 704-336-5276
Consultant: DYER, RIDDLE, MILLS AND PRECOURT, INC. (DRMP)

Project Summary:

After Real Estate was complete for the Community House Rd Farm-To-Market Project, an unexpected and major roadway change was announced on the Community House Rd north of the project limits. The change will affect traffic patterns within the project limits and has necessitated significant redesign of the north end of the project. The project is therefore being split and phased. The southern portion of the project from Tamarron Drive to south of Providence Rd West will move on to construction as designed and shall be referred to as Community House Rd Phase 1. The northern portion (including the Providence Rd West intersection north to the Paradise Ridge Rd intersection) is considered Community House Rd Phase 2.

**Vicinity Map**

Project Update:

Look Ahead: August 2013: Plan Review in September Plat Prep. Sept-Oct. Begin Real Estate by November.

Current Status: August 2013: 90% Plans submitted

Last Month: July 2013: 90% plans under way

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$4,950,000.00

Planning Activities:

Design Activities: In-progress/End 3rd Q 2014

Real Estate Activities: Start 4th Q 2013/End 4th Q 2014

Bid Phase Activities: TBD

Construction Activities: Start 3rd Q 2016/End 3rd Q 2017

Project Number: 512-09-023
Project Title: Johnston-Oehler FTM
Program Category: TRANSPORTATION
Program Title: Farm to Market Roads
Fund/Center: 2010/0047416
Project Mgr: Leslie Bing
Project Mgr Phone: 704-336-7277
Consultant: URS Corporation - North Carolina

Project Summary:

This project will involve upgrading Johnston-Oehler Road to urban street standards and will improve safety and traffic flow in the northern part of the City. The initial study limits extend from Prosperity Church Road to Mallard Creek Road with specific improvement locations to be determined as work progresses.



Vicinity Map

Project Update:

Look Ahead: Begin construction phase second quarter 2014.

Current Status: September 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements; 50% of the 57 parcels have been signed. Agents are waiting on the appraisals for most of the remaining unacquired properties.

Last Month: August 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements; 40% of the 57 parcels have been signed. Agents are waiting on the appraisals for most of the remaining unacquired properties.

Cost & Schedule Commitments:

- Estimated Cost @ Completion: \$14,800,000.00
- Planning Activities: Complete
- Design Activities: In-progress/End 4th Q 2013
- Real Estate Activities: In-progress/End 2nd Q 2014
- Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
- Construction Activities: Start 4th Q 2014/End 1st Q 2016

Project Number: 512-07-010
Project Title: Oakdale Road FTM Improvements
Program Category: TRANSPORTATION
Program Title: Farm to Market Roads
Fund/Center: 2010/0047411
Project Mgr: Leslie Bing
Project Mgr Phone: 704-336-7277
Consultant: RS&H ARCHITECTS-ENGINEERS-PLANNERS, INC.

Project Summary:

This project will provide various infrastructure improvements (sidewalk, curb & gutter, drainage, etc.) to Oakdale Road from Old Plank Road (near Brookshire Boulevard) to Dale Avenue. Full funding for the project was provided through the 2010 bond referendum.

**Vicinity Map**

Project Update:

Look Ahead: Bid phase start is to be determined based on the outcome of the Fannie Mae parcel, #46, per Change Control Document 8.

Current Status: September 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements, 75% of 85 parcels have signed agreements. The consultant is working on the final plan submittal, but need to know if the project will be phased due to the acquisition of parcel 46. Based on the outcome of the City Attorney's discussions with parcel 46, Fannie Mae, staff will determine if the project need to be divided into phases for construction.

Last Month: August 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements, 75% of 85 parcels have signed agreements. The final plan review meeting was held and the consultant will update the plans per the team's comments. Final plans are expected next month.

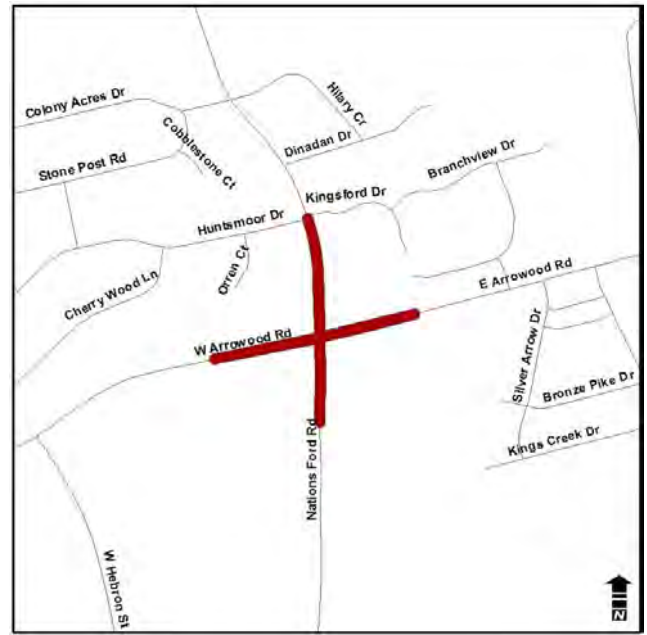
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: TBD

Project Number: 512-11-041
Project Title: Arrowood Rd / Nations Ford Rd Intersection Improvement
Program Category: TRANSPORTATION
Program Title: Intersection Capacity & Multi-Modal Projects
Fund/Center: 2010/0024612
Project Mgr: Valerie Hanes
Project Mgr Phone: 704-336-3628
Consultant: In-House Design Project

Project Summary:

This project will make various improvements at the intersection of Arrowood Road and Nations Ford Road. Improvements to be provided include four-foot wide bike lanes, eight-foot wide planting strips, and six-foot wide sidewalk with accessible ramps.

**Vicinity Map**

Project Update:

Look Ahead: Real Estate 3rd Quarter 2013

Current Status: September 2013: Real Estate Kickoff end of Sept 2013. Updating 90% construction cost estimate. Coordinating with Sam's Mart new development within the project limits.

Last Month: August 2013: Submit for REAL ESTATE end of August. Updating 90% construction cost estimate. Coordinating with Sam's Mart new development within the project limits.

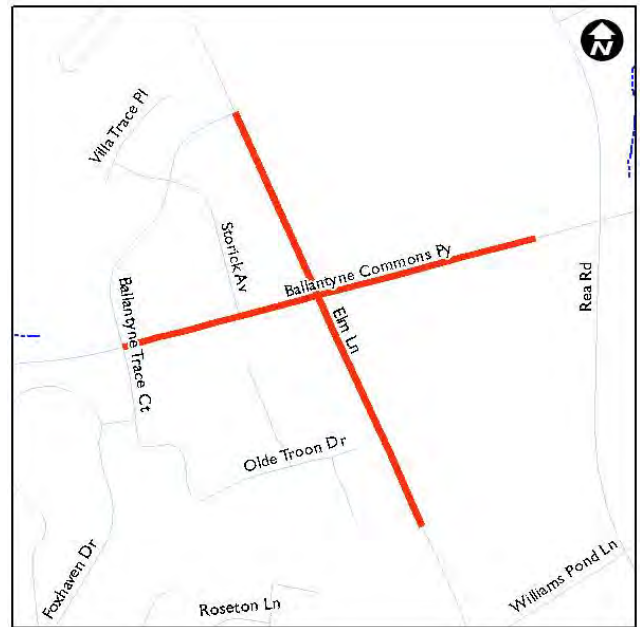
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,400,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2014
Real Estate Activities: In-progress/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 4th Q 2016

Project Number: 512-08-011
Project Title: Ballantyne Commons Prkwy/ Elm Ln Intersection
Program Category: TRANSPORTATION
Program Title: Intersection Capacity & Multi-Modal Projects
Fund/Center: 2010/0474002
Project Mgr: Leslie Bing
Project Mgr Phone: 704-336-7277
Consultant: STV / RALPH WHITEHEAD ASSOCIATES, INC.

Project Summary:

Yet-to-be determined improvements at this intersection to enhance conditions for vehicles, pedestrians, bicyclists and transit users at existing intersections. The Intersection and Multi-Modal Enhancement Program addresses the fact that many intersections are not pedestrian or bicycle-friendly due to a number of factors, such as a lack of pedestrian signals or crosswalks, signal timing issues, excessive crossing distances, absence of sidewalk or wheelchair ramps, absence of bicycle lanes and miscellaneous intersection design features.

**Vicinity Map**

Project Update:

Look Ahead: Begin the construction phase 3rd quarter 2013.

Current Status: September 2013: Cty Council awarded the construction contract to Blythe Development Company at it's September 23 meeting. Awaiting the executed contract to schedule the pre-construction conference.

Last Month: August 2013: The bid opening was held August 13; Blythe Development Co is the prospective low bidder. The construction contract award date is scheduled for September 23.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$8,250,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 1st Q 2014/End 1st Q 2015

Project Number: 512-08-008
Project Title: Brookshire-Hovis-Oakdale Intersection Improvements
Program Category: TRANSPORTATION
Program Title: Intersection Capacity & Multi-Modal Projects
Fund/Center: 2010/0028746
Project Mgr: Derrel Poole
Project Mgr Phone: 704-353-1794
Consultant: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

Project Summary:

This project will improve this intersection to enhance conditions for vehicles, pedestrians, bicyclists and transit users at existing intersections. The Intersection and Multi-Modal Enhancement Program addresses the fact that many intersections are not pedestrian or bicycle-friendly due to a number of factors, such as a lack of pedestrian signals or crosswalks, signal timing issues, excessive crossing distances, absence of sidewalk or wheelchair ramps, absence of bicycle lanes and miscellaneous intersection design features.

**Vicinity Map**

Project Update:

Look Ahead: Construction to be completed by the 4th Quarter of 2013..

Current Status: September 2013 (Construction) - The newly constructed Oakdale Road and Hovis Road intersections are now open up to traffic. The final layer of surface asphalt still needs to be installed on both roads. The multi-use path has also been completed. Project is 84% complete.

Last Month: August 2013 (Construction) - Oakdale Road intersection is expected to open up to traffic during the 2nd week of August. Construction activities continue on Hovis Road, storm drainage structures and concrete curb & gutter have been installed. The final layer of surface asphalt still needs to be installed. Signalization of both Oakdale and Hovis intersections is expected to be completed this month. Project is 70% complete.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$6,200,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-11-013
Project Title: McKee / Providence Intersection Improvements
Program Category: TRANSPORTATION
Program Title: Intersection Capacity & Multi-Modal Projects
Fund/Center: 2010/0024606
Project Mgr: Leslie Bing
Project Mgr Phone: 704-336-7277
Consultant: BAKER, INC

Project Summary:

This project will plan, design, and construct improvements to the intersection of McKee Road, Ballantyne Commons Parkway and Providence Road to improve capacity and relieve congestion at this heavily traveled intersection. The planned improvements entail constructing a second southbound left turn lane and completing the widening of McKee Road to Alderbrook Lane. In addition, the project will improve the level of service for pedestrians and bicyclists by adding pedestrian refuge islands, wider sidewalks, and bicycle lanes. These improvements will complement NCDOT's recent widening project of Providence Road south of I-485. Funding for this project is provided via the voter-approved 2010 Transportation Bonds.

**Vicinity Map**

Project Update:

Look Ahead: Real estate phase to start 4th Quarter 2013

Current Status: September 2013: The consultant has updated design plans from previous reviews, but awaiting the utility mark-ups from Duke to update plans for real estate acquisition. The schedule will be set as TBD, via Change Control Document, until Duke submits the mark ups. Duke's initial submittal date was delayed due to BLE priority. Continuing to coordinate with Duke on the next submittal date.

Last Month: August 2013: The consultant has updated design plans from previous reviews, but awaiting the utility mark-ups from Duke to update plans for real estate acquisition. The schedule will be set as TBD, via Change Control Document, until Duke submits the mark ups. Duke's initial submittal date was delayed due to BLE priority. Continuing to coordinate with Duke on the next submittal date.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$8,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: Start 4th Q 2013/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2015/End 3rd Q 2016

Project Number: 512-08-010
Project Title: WT Harris Blvd/The Plaza Intersection Imp
Program Category: TRANSPORTATION
Program Title: Intersection Capacity & Multi-Modal Projects
Fund/Center: 2010/0028747
Project Mgr: Leslie Bing
Project Mgr Phone: 704-336-7277
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

Improvements at this intersection to enhance conditions for vehicles, pedestrians, bicyclists and transit users at existing intersections. The Intersection and Multi-Modal Enhancement Program addresses the fact that many intersections are not pedestrian or bicycle-friendly due to a number of factors, such as a lack of pedestrian signals or crosswalks, signal timing issues, excessive crossing distances, absence of sidewalk or wheelchair ramps, absence of bicycle lanes and miscellaneous intersection design features.

**Vicinity Map**

Project Update:

Look Ahead: Landscaping to occur fall 2013.

Current Status: September 2013: The contractor has completed the milling patch work along the median of W.T. Harris at St. Johns Street to correct the pavement. Construction staff will continue to monitor the drainage along W.T. Harris near the median during the warranty phase.

Last Month: August 2013: The contractor will milling patch approximately 30 feet along the median of W.T. Harris at St. Johns Street will be performed in the next two weeks to correct the pavement. Construction staff will continue to monitoring the drainage along W.T. Harris near the median work to ensure there isn't any ponding.

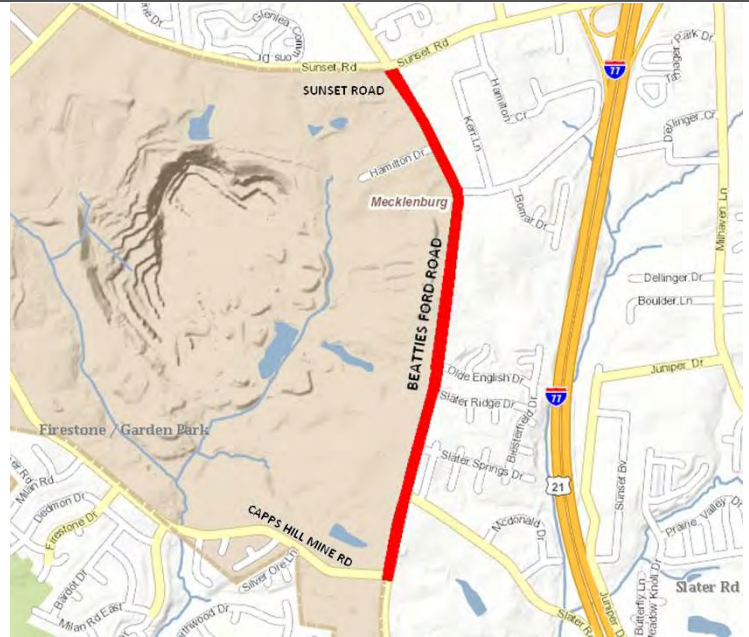
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$4,000,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 4th Q 2013

Project Number: 512-03-013
Project Title: Beatties Ford Rd. (Capps Hill Mine Rd. to Sunset Rd.) Wid
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0024607
Project Mgr: Imad Fakhreddin
Project Mgr Phone: 704-336-7926
Consultant: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

Project Summary:

This project will widen Beatties Ford Road from its existing two-lane cross-section to a four-lane, median divided cross-section between Capps Hill Mine Road and Sunset Road. Due to findings from the traffic study, the project team recommended that Beatties Ford Road be widened only to Sunset Road, and not to Lakeview Road as initially conceived.

**Vicinity Map**

Project Update:

Look Ahead: Advanced Grading construction is expected to start in late October or early November and be completed by mid January.

Current Status: September 2013- City Council approved the Advanced Grading contract on September 23. Grading work is expected to begin in late October or early November. Staff will work on identifying trees to be removed along the entire project in preparation for the utility relocation.

Last Month: August 2013- Advanced Grading contract is on the September 23rd Council agenda for approval. Construction work is expected to start in early November, weather permits. Staff is working on realigning the driveway for Mr. Holmes's property per management's request. This will result in a utility pole or guy wire adjustment. July 2013- Advanced Grading bid received on July 11. City management requested that all council items related to Beatties Ford Road be delayed until the second Council meeting in September. Contracts will inform the selected bidder of the delay to award

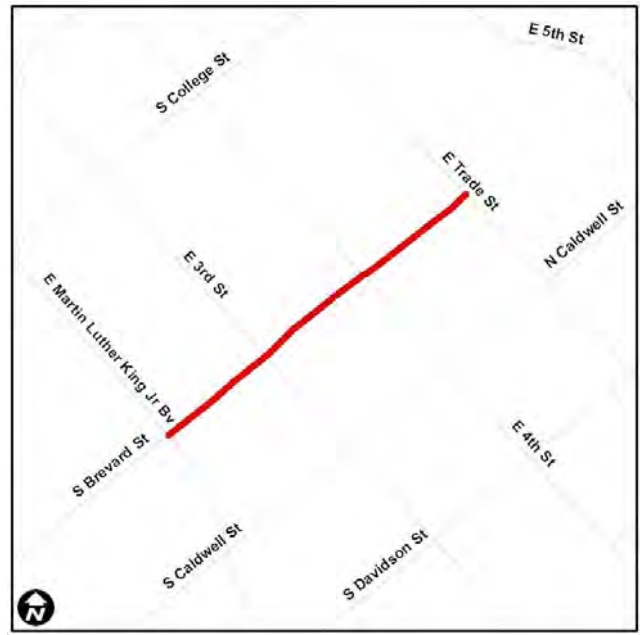
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-09-008
Project Title: Brevard St (MLK Blvd to Trade) Improvements
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0047782
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: KIMLEY-HORN AND ASSOCIATES, INC.

Project Summary:

This project will convert Brevard Street (from Martin Luther King, Jr. Blvd to Trade Street) from one way to two way traffic. This project will include sidewalks, planting strips, tree wells, parallel parking, lighting, etc. This project is only funded for design. Answer (July 26th, 2013): Will work with Lori Garlitos to update. Changes in Primavera logic needed.

**Vicinity Map**

Project Update:

Look Ahead: Project on hold. Awaiting future funding from sale of NASCAR HOF parcels. Coordinate with development in corridor as needed.

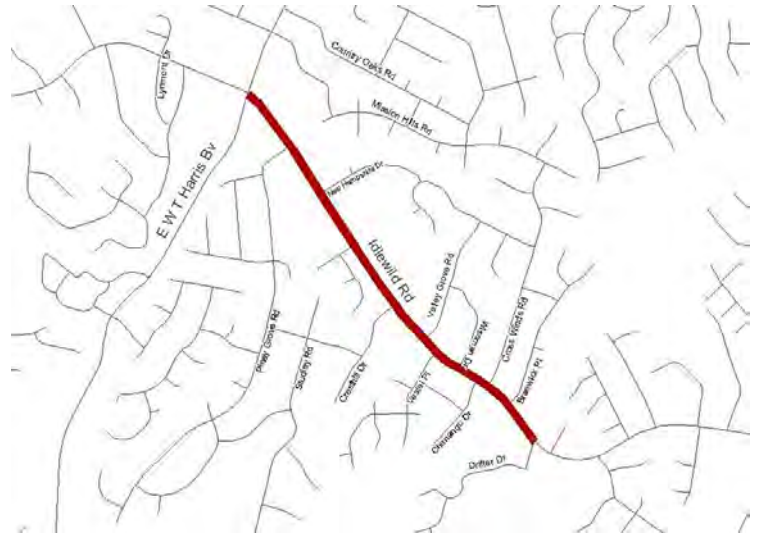
Current Status: September 2013: Project is on hold.

Last Month: August 2013: Have reviewed interim design plans. Based on potential changes in the project corridor before real estate/construction funding is obtained (due to development in corridor), the utility locate phase (which was supposed to be part of the current design effort) has been delayed until the project receives additional funding. Based on this decision and the review of the 70% plans finding no comment that affects the project alignment, the project team has decided this is the correct time to place the project on hold.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-03-011
Project Title: Idlewild Road Widening
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0024912
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: In-House Design Project

**Vicinity Map****Project Summary:**

This project will make improvements to Idlewild Road from East Harris Boulevard to Margaret Wallace Road to accommodate the increased traffic on the thoroughfare due to development in the area. Idlewild Road will have various cross sections that range from a four lane divided to a two lane with a two-way turn lane. The project will also include bike lanes, curb and gutter, pedestrian refuges, planting strips and sidewalks.

Project Update:

Look Ahead: Continue with utility relocation and roadwork.

Current Status: September 2013: Construction work continues. Construction work is approximately 40% complete. Utility relocation is ongoing - AT&T has begun to relocate.

Last Month: August 2013: Construction work continues. Construction is approximately 35% complete. Utility relocation is ongoing - AT&T has begun to relocate.

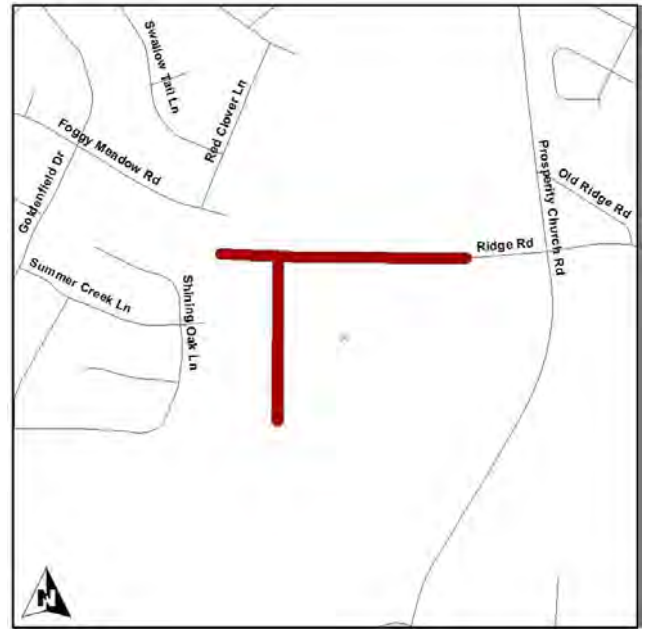
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$7,600,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2015

Project Number: 512-11-048
Project Title: PV NW Ext PhA (Prosperity Village Northwest Thoroughfare)
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0024917
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: HDR ENGINEERING, INC. OF THE CAROLINAS

Project Summary:

This project will construct the northwest part of thoroughfare that provides access to the I-485 westbound onramp and eastbound off-ramp in the Prosperity Village area. This street will become part of a realignment of Prosperity Church Road north of I-485. This project also includes extending Ridge Road westward from existing Prosperity Church Road (future Curt Walton Ave) to the Northwest Arc.

**Vicinity Map**

Project Update:

Look Ahead: Work on 90% roadway design plans and make offers to POs when appraisals are complete.

Current Status: September 2013 - Design work is continuing and appraisals for parcels critical to the project have been ordered. The Municipal Agreement was approved and R/W authorization were received September 20th. The Isaacs group has begun work on the sewer line design in the mobile home park and submitted it for permitting. HDR is continuing to work with the City on the permitting for the stream and wetland impacts for phases A & B. A CCD that split the project into two projects has been approved.

Last Month: August 2013 - Design work is continuing and appraisals for parcels critical to the project have been ordered. The Municipal Agreement was approved and R/W authorization is expected in early September. The State has delayed the R/W authorization process and staff is working to accelerate it as much as possible. The Isaacs group has begun work on the sewer line design in the mobile home park. HDR is continuing to work with the City on the permitting for the stream and wetland impacts. A CCD that split the project into two projects has been approved.

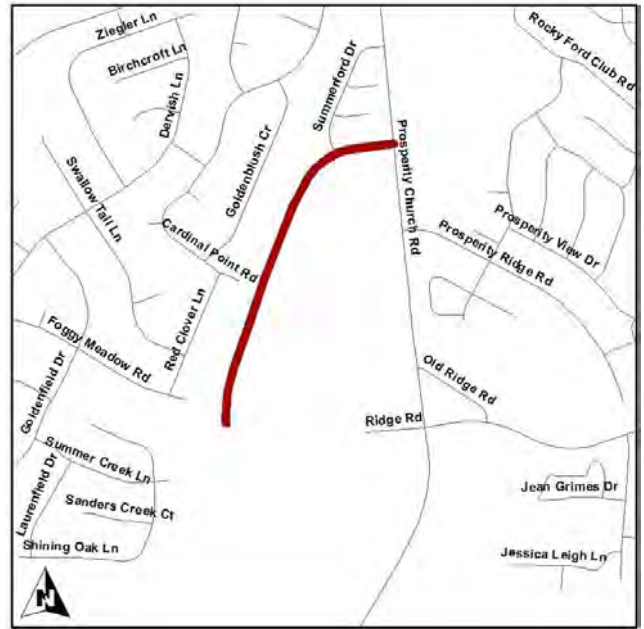
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$5,200,000.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2014/End 2nd Q 2015

Project Number: 512-14-003
Project Title: PV NW Ext PhB (Prosperity Village Northwest Thoroughfare)
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0000000
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: In-House Design Project

Project Summary:

This project is the second phase of the project that will construct the northwest part of thoroughfare that provides access to the I-485 westbound onramp and eastbound off-ramp in the Prosperity Village area. This phase will include construction of relocated Prosperity Church Road north of Ridge Road Extension and widening on existing Prosperity Church Road.

**Vicinity Map**

Project Update:

Look Ahead: Begin R/E appraisals and acquisitions.

Current Status: September 2013 - Project plan/CCD has been approved and submitted. Design and planning for this project were included in the Prosperity Village NW Thoroughfare extension project. R/W authorization was approved on 9/21. The plats are in the process of being completed.

Last Month: August 2013 - Finalizing Project plan. Design and planning for this project were included in the Prosperity Village NW Thoroughfare extension project. The MA has been approved and R/W authorization is expected in early October (To match FFY funding). The plats are in the process of being completed.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 3rd Q 2014
Real Estate Activities: In-progress/End 3rd Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-03-010
Project Title: Rea Road Widening
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0024908
Project Mgr: Imad Fakhreddin
Project Mgr Phone: 704-336-7926
Consultant: THE LPA GROUP INCORPORATED

Project Summary:

This project will improve Rea Road between Hwy 51 and Colony Road by constructing a two-lane median divided roadway with bike lane, sidewalk and planting strip on both sides of the road. It will also improve the sight distance and provide landscaping and street lighting. This project was funding for real estate acquisition and construction in the 2008 transportation bonds. Duke Energy has not started the overhead utility relocation due to workload and storms.

**Vicinity Map**

Project Update:

Look Ahead: In the next 90 days, the contractor will complete the work in Area 1, from Hwy 51 to Carmel Estate Road. The remaining area of the project, including the bridge, will continue through September 2014.

Current Status: September 2013- Construction is approximately 50% complete. Due to delay in utility relocation work, the traffic shift to the temporary road between Carmel Estate and MacAndrew Drive is delayed and will affect the completion of the work at Carmel Estate Road which is part of Area 1. Area 1, between Hwy 51 and Carmel Estate Road is behind schedule, as off September 23, liquidated damages are being applied.

Last Month: August 2013- The contractor will shift traffic to the east side of Rea Road between Hwy 51 and Summergate Drive in early September in order to continue construction on the west side of the road. Overall construction is on schedule, however, work on Area 1, between Hwy 51 and Carmel Estate Road, is behind schedule. The contractor submitted a revised schedule for this area to be completed by early November. Staff is reviewing the proposed schedule to determine if liquidated damages will apply. July 2013- Staff continues to work with property owners and HOAs to

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$22,500,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 3rd Q 2014

Project Number: 512-00-119
Project Title: Statesville Road (I-85 to Sunset) Widening
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0024907
Project Mgr: Imad Fakhreddin
Project Mgr Phone: 704-336-7926
Consultant: BARBARA H. MULKEY ENGINEERING, INC.



Vicinity Map

Project Update:

Look Ahead: In the next 90 days, the contractor will proceed with the installation of the 36" water line. Traffic will be shifted to the east side along the entire project.

Current Status: September 2013- CMUD approved a proposal by the contractor to jack and bore under or next to power poles in order to resume the installation of the 36" water line. The contractor continues to work on the east side of the road. Traffic was shifted to the east side from Starita Road to Lake Road.

Last Month: August 2013- The installation of the 36" water line was suspended due to a conflict with several utility poles. Staff is working with CMUD to realign a section of the water line and avoid utility poles and underground lines near Esmeralda Drive. The Project is currently behind schedule due to utility relocation delays and water line realignment. July 2013- The contractor is installing the 36" water line along the west side and is completing the road work on the east side. Additional delay to the installation of the water line may occur due to utility poles conflict. Duke Energy scheduled to

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$30,700,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 3rd Q 2014

Project Number: 512-09-030
Project Title: Stonewall Street Improvements
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0047783
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: Primary Consultant Not Determined

Project Summary:

This project will involve making infrastructure and landscaping improvements along Stonewall Street from McDowell Street to Davidson Street. It will connect the gateway to uptown between The Metropolitan Development and the Hall of Fame. This project is funded for design only.

**Vicinity Map**

Project Update:

Look Ahead: Project on hold. Awaiting future funding from sale of NASCAR HOF parcels. Coordinate with development in corridor as needed.

Current Status: September 2013: Project is on hold.

Last Month: August 2013: Have received and reviewed NCDOT comments. Project team has agreed that with all 70% plan comments obtained, and no major impacts to alignment from those comments, that this is the correct time to place the project on hold. Project to be placed on hold pending future funding.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$7,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-09-068
Project Title: Univ Pointe Ph1 Road Extension
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0028749
Project Mgr: Troy Eisenberger
Project Mgr Phone: 704-336-4835
Consultant: PARSONS, BRINCKERHOFF, QUADE & DOUGLAS, INC

Project Summary:

The intent of the major transportation project is to provide east-west connectivity between the University Research Park, Belgate/IKEA developments, and the CATS Blue Line Extension on North Tryon Street. The project will provide a new bridge across I-85, extending from Ikea Boulevard to IBM Drive. It will tie into the portion of University Point Boulevard built as part of the Belgate development, and will replace the existing CMS driveway into Martin Middle School. This project would construct a grade separation across I-85, but not an interchange. Substantial interaction with NCDOT, FHWA, CMS, waterway/environmental regulatory agencies, and public stakeholders will be required.

**Vicinity Map**

Project Update:

Look Ahead: Meet with CMS to discuss traffic control plans. Finalize CE document. Start real estate.

Current Status: September 2013: Have met with CMS and have approval on project plans pending review of traffic control plans. Currently performing an internal constructability review, then will meet with CMS.

Last Month: August 2013: 70% plan comments have been addressed with the exception of CMS comments. Meeting with CMS on Sept. 3rd to review CMS comments.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$17,000,000.00
Planning Activities: In-progress/End 3rd Q 2014
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-14-012
Project Title: Univ Pointe Ph2 Road Extension
Program Category: TRANSPORTATION
Program Title: Local Roads
Fund/Center: 2010/0028752
Project Mgr: Dmitry Shklovsky
Project Mgr Phone: 704-336-7049
Consultant: In-House Design Project

Project Summary:

Adding a right turn lane off WT. Harris ~2500 Southeast from Technology Dr. toward I-85

**Vicinity Map**

Project Update:
Look Ahead:

Current Status:

Last Month:

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Start 4th Q 2013/End 3rd Q 2014
 Design Activities: TBD
 Real Estate Activities: TBD
 Bid Phase Activities: TBD
 Construction Activities: TBD

Project Number: 512-13-010
Project Title: Beam Rd Roundabout at Shopton Rd
Program Category: TRANSPORTATION
Program Title: Minor Roadway Improvements
Fund/Center: 2010/0245036
Project Mgr: Alan Morrison
Project Mgr Phone: 704-336-7266
Consultant: In-House Design Project

**Vicinity Map**

Project Update:

Look Ahead: Finalize MA and get Council to approve. Request approval to begin Preliminary Engineering.

Current Status: (Sept 2013) CDOT is working with NCDOT on funding and revising the MA agreement. CDOT has requested an updated budget and schedule for the MA agreement. The CMAQ agreement is being proposed as reimbursement for real estate, utility relocation and construction costs.

Last Month: (August 2013) No change in status: Additional cost estimates were submitted to CDOT for consideration of adding an additional lane on one approach of the roundabout. CDOT is working with NCDOT on funding and revising the MA agreement. CDOT has requested an updated budget and schedule for the MA agreement. The CMAQ agreement is being proposed as reimbursement for real estate, utility relocation and construction costs. (July 2013) No change in status: Additional cost estimates were submitted to CDOT for consideration of adding an additional lane on one

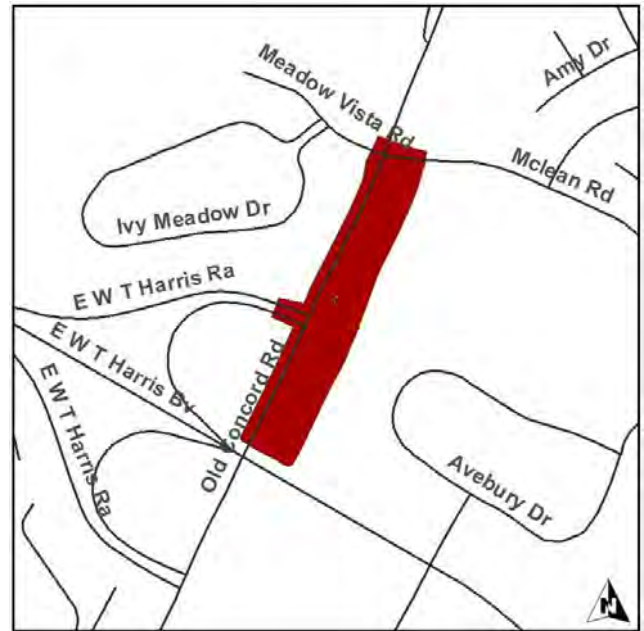
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Start 4th Q 2013/End 3rd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-13-045
Project Title: Old Concord Rt-Turn Lane at McClean Rd.
Program Category: TRANSPORTATION
Program Title: Minor Roadway Improvements
Fund/Center: 2010/0245039
Project Mgr: Beth Hassenfritz
Project Mgr Phone: 704-336-2289
Consultant: In-House Design Project

Project Summary:

This project will widen Old Concord Road from W.T. Harris Blvd. to McLean Road in order to create a northbound right-turn lane for Old Concord Road on to McLean Road.

**Vicinity Map**

Project Update:

Look Ahead: Receive 50% design plan comments and start 70% design phase. At 70% design begin coordinatin with NCDOT, railroad, and RE.

Current Status: September 2013: Design phase has begun. 50% plan review in progress.

Last Month: August 2013: Set BSTs., beginning design phase 3rd quarter 2013.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$450,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-11-051
Project Title: Old Statesville Rd at David Cox Road
Program Category: TRANSPORTATION
Program Title: Minor Roadway Improvements
Fund/Center: 2010/0245035
Project Mgr: Alan Morrison
Project Mgr Phone: 704-336-7266
Consultant: In-House Design Project



Vicinity Map

Project Update:

Look Ahead: Coordinating with impacted Utilities, CDOT signal group and Norfolk Southern on proposed design and impacts to rail road control cabinets.

Current Status: (Sept 2013) Addressing NCDOT's comments and coordinating with private development site planned just east of the intersection project. Working on CCD to establish BST's.

Last Month: (Aug 2013) Addressing NCDOT's comments and coordinating with private development site planned just east of the intersection project. Working on CCD to establish BST's. (July 2013) NCDOT is reviewing 25% plans and should have comments back within the next 30 days. (June 2013) CDOT is evaluating the design vehicle and the impacts to the intersection for turning large vehicles. NCDOT is reviewing 25% concept layout and evaluating roadside hazards. Survey is assisting in locating some missing storm drainage pipes. There is a blind junction box that appears to be tied

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: In-progress/End 4th Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-11-059
Project Title: Prosperity Church Rd Intersection Improvements
Program Category: TRANSPORTATION
Program Title: Minor Roadway Improvements
Fund/Center: 0101/0245034
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: Primary Consultant Not Determined

Project Summary:

This project will realign the intersection of Prosperity Church Road and Johnston-Oehler/DeArmon Road to line the north leg of Prosperity Church Road up with the proposed round-a-bout on the I-485 interchange. The project will also stub out the existing north leg of PCR.

**Vicinity Map**

Project Update:

Look Ahead: Acquire real estate.

Current Status: September 2013 - Real estate kick off meeting was held 9/16. The 90% design plans are complete and have been sent out for review.

Last Month: August 2013 - Plats have been finalized and sent to real estate for review and kick off. The 90% design plans are nearing completion and will be sent out for review in the next few weeks.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,700,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2015/End 2nd Q 2015

Project Number: 512-10-043
Project Title: Prosperity Ridge Connection
Program Category: TRANSPORTATION
Program Title: Minor Roadway Improvements
Fund/Center: 2010/0245030
Project Mgr: Dan Leaver
Project Mgr Phone: 704-336-6388
Consultant: In-House Design Project

Project Summary:

This project is in the Prosperity Village area. It will close two gaps in Prosperity Ridge Road between Prosperity Church Road and Ridge Road in the northeast quadrant of the Village.

**Vicinity Map**

Project Update:

Look Ahead: Finalize plans after 90% review and order plats.

Current Status: September 2013 - The design has been restarted and a 90% plan review is scheduled for 10/15. Preliminary work on the plats has been started by survey to complete plats quickly.

Last Month: August 2013 - The work with SWS is nearing completion and the design has been restarted. Continuing work with USI to merge their concept into our design plans. A 90% plan review will be scheduled within the next few weeks. A CCD, setting the new schedule and budget, has been approved.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,900,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities: Start 4th Q 2013/End 2nd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2015/End 3rd Q 2015

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-12-049
Project Title: CATS Bus Stop Improvements
Program Category: TRANSPORTATION
Program Title: Public Transit
Fund/Center: 2078/8030412
Project Mgr: Becky Chambers
Project Mgr Phone: 704-336-3280
Consultant: In-House Design Project

(Vicinity Map Not Yet Available)

Project Summary:

This project will make improvements to CATS bus stops throughout the City of Charlotte.

Vicinity Map

Project Update:

Look Ahead: Continue design on project locations submitted by CATS. Continue RE acquisition and NCDOT coordination. Continue with bid phase on new construction contracts.

Current Status: September 2013: Design continues for various locations throughout Charlotte as identified by CATS. Construction of the FY13 contract is complete. Bid phase is underway for two FY14 construction contracts. RE acquisition is underway for several locations. Coordination with NCDOT on locations along state maintained roads continues.

Last Month: August 2013: Design continues for various locations throughout Charlotte as identified by CATS. Construction is ongoing for various locations throughout Charlotte. RE acquisition is underway for several locations. Coordination with NCDOT on locations along state maintained roads continues. Bid phase is underway for two FY14 construction contracts. CATS wants to increase the amount of work E&PM is doing on these projects for FY14.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Complete
 Design Activities: In-progress/End 4th Q 2013
 Real Estate Activities: In-progress/End 2nd Q 2014
 Bid Phase Activities: Complete
 Construction Activities: TBD

Project Number: 512-99-007
Project Title: Freedom Drive Widening
Program Category: TRANSPORTATION
Program Title: State Roads
Fund/Center: 2010/0038500
Project Mgr: Geen Khoo
Project Mgr Phone: 704-336-4492
Consultant: GANNETT FLEMING , INC.

Project Summary:

Project includes widening Freedom Drive to a minimum 4 lane facility between Bradford Drie/Edgewood Road and Lundy Lane, approximately 1.75 miles. The project will provide roadway, sidewalk and bike lane connectivity.

**Vicinity Map**

Project Update:

Look Ahead: Complete utility relocation work. Complete construction.

Current Status: (Sept 2013): Real Estate condemnation process continues. On-going construction (around 70% complete).

Last Month: (Aug 2013): Real Estate condemnation process continues. On-going construction (around 65% complete). PNG continues their gas main and services relocation. (July 2013): Real Estate condemnation process continues. On-going construction (around 60% complete). PNG continues their gas main and services relocation. (June 2013): Real Estate condemnation process continues. On-going construction (around 55% complete). PNG has started their gas main and services relocation. (May 2013): Real Estate condemnation process continues. On-going construction (around 50%

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$27,250,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Complete
Construction Activities: In-progress/End 3rd Q 2014

Project Number: 512-09-069
Project Title: Little Rock Road Realignment
Program Category: TRANSPORTATION
Program Title: State Roads
Fund/Center: 2010/0047486
Project Mgr: Tom Russell
Project Mgr Phone: 704-336-4639
Consultant: CONCORD ENGINEERING & SURVEYING, INC.

Project Summary:

The project realigns Little Rock from Paw Creek Road to Freedom Drive. The project will widen the existing Little Rock from 2 lanes to 4 lanes, median divided with landscaping. The project will connect the new Fred D. Alexander project and eliminate the major traffic flow through the existing Little Rock / Moores Chapel /Freedom intersection, addressing safety concerns.

**Vicinity Map**

Project Update:

Look Ahead: Complete construction.

Current Status: (September 2013) - Construction according to the latest pay app is 4% complete. Contractor is complete with clearing and grubbing the new road section. Contractor continues to bring in borrow material for new road. Box Culvert installation is underway.

Last Month: (August 2013) - Contractor is almost complete with clearing and grubbing the new road section. Contractor has completed 60 inch pipe installation for one of the two project low spots. Box Culvert installation will be next along with continuing to bring in borrow material for new road. (July 2013) - Contractor started construction on July 15, 2013 with clearing and grubbing the new road section. Contractor is in process of bringing in borrow material for new road. (June 2013) - PCC meeting was held on June 5, 2013. Construction to start week of June 24th. Traffic control signs are up

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$6,200,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities: In-progress/End 3rd Q 2013
Bid Phase Activities: In-progress/End 3rd Q 2013
Construction Activities: In-progress/End 1st Q 2015

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-14-002
Project Title: Clark Blvd Connectivity
Program Category: TRANSPORTATION
Program Title: Street Connectivity
Fund/Center: 2010/0049470
Project Mgr: Becky Chambers
Project Mgr Phone: 704-336-3280
Consultant: In-House Design Project

(Vicinity Map Not Yet Available)

Project Summary:

This project will construct a new street (Clark Drive) between Ikea Blvd. and Clark Blvd.

Vicinity Map

Project Update:

Look Ahead: Complete survey and begin design.

Current Status: September 2013: Project Plan approval is complete. Survey continues.

Last Month: August 2013: Initiation document approval is complete. Project Plan approval is underway. Survey is underway.

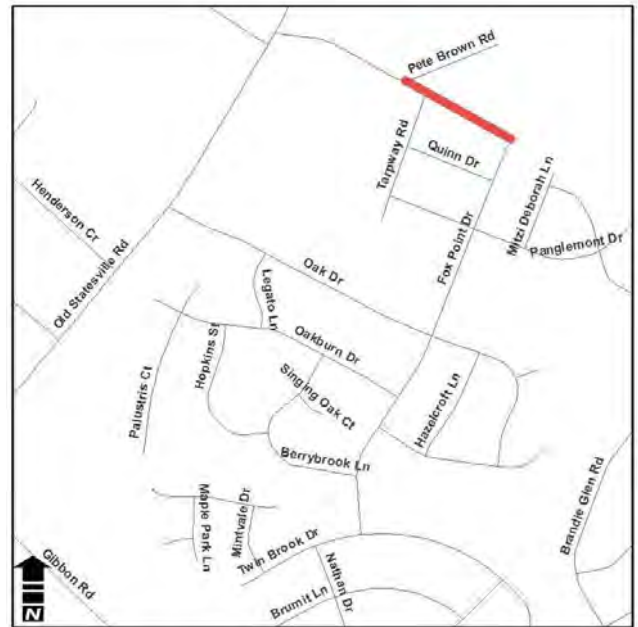
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$400,000.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: Start 4th Q 2013/End 2nd Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2016/End 4th Q 2016

Project Number: 512-11-042
Project Title: Pete Brown Ph 1 Road Extension
Program Category: TRANSPORTATION
Program Title: Street Connectivity
Fund/Center: 2010/0049468
Project Mgr: Alan Morrison
Project Mgr Phone: 704-336-7266
Consultant: In-House Design Project

Project Summary:

This project will extend Pete Brown Road from its dead end to Fox Point Drive. A second part of the project will include a gap fill-in to connect existing segments of Palustris Court.

**Vicinity Map**

Project Update:

Look Ahead: On going with Real Estate phase.

Current Status: (Sept 2013) Two property owners have signed the real estate agreement. Agent is coordinating with the Griffith Brohers Development concerning the donation of R/W per the approved rezoning plan.

Last Month: (Aug 2013) CCD approved by client and submitted to Program Manager for approval. Real Estate phase is underway but did not get started as planned in June. Expected real estate phase to be completed in Feb 2014. CCD is being updated to reflect real estate starting later than June. (July 2013) CCD approved by client and submitted to Program Manager for approval. Real Estate phase is underway with a December target for completion. (June 2013) Revised CCD submitted to Program Manager for approval. Real Estate phase is underway with a December target for

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,250,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 4th Q 2014/End 2nd Q 2015

Project Number: 512-13-048
Project Title: Pete Brown Ph 2 Road Extension
Program Category: TRANSPORTATION
Program Title: Street Connectivity
Fund/Center: 2010/0049468
Project Mgr: Alan Morrison
Project Mgr Phone: 704-336-7266
Consultant: In-House Design Project

Project Summary:

Improve existing Pete Brown from NC 115 to existing dead end of roadway.

**Vicinity Map**

Project Update:

Look Ahead: Meeting with utilities and CDOT on the signal installation. Sending plans to Norfolk Southern for review of crossing impacts.

Current Status: (Sept 2013) Norfolk Southern was contacted concerning the at grade crossing but no response has been received. NCDOT Rail Division will be contacted to assist with the coordination with the rail road coordination.

Last Month: (Aug 2013) Setting up review meetings to get input on impacts to utilities and Norfolk Southern crossing. (June 2013) Submitting concept plans to CDOT and utilities for review.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 2nd Q 2014
Design Activities: TBD
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: TBD

PROJECT STRATEGY REPORT

September 30, 2013

Project Number: 512-07-082
Project Title: Accessible Ramp/S'Walk Installation
Program Category: TRANSPORTATION
Program Title: Transportation - Miscellaneous
Fund/Center: 2010/0331023
Project Mgr: Becky Chambers
Project Mgr Phone: 704-336-3280
Consultant: In-House Design Project

(no map needed for this project)

Project Summary:

Installing sidewalk and accessible ramps at various locations throughout the City as indicated by CDOT. Current sidewalk projects include Choate Circle at Moss Road, Yorkmont Pedestrian Refuge, Kilborne Pedestrian Refuge

Vicinity Map

Project Update:

Look Ahead: Complete Construction: Park Road Ramps; Continue Real Estate: Catherine Simmons NIP; Continue/Complete Design: Margaret Wallace Crossing, Kilborne Drive, Yorkmont at Oak Lane Ped. Refuge Construction of future projects including Choate/Moss, Kilborne, Yorkmont, and Margaret Wallace is on hold pending additional funding or go ahead from CDOT.

Current Status: September 2013: Completed Construction: Steele Creek Ped. Refuge, Kimmerly Glen bike connections, 15th at Myers Ramp; Ready for Construction: Park Road Ramps, Choate Cir at Moss Rd (on hold due to lack of funding); Utility Relocation: none; Real Estate: Catherine Simmons NIP (then place on hold awaiting Storm Water project design); Design: Margaret Wallace Crossing, Kilborne Drive, Yorkmont at Oak Lane Ped. Refuge; Survey: none; New Project: none

Last Month: August 2013: Completed Construction: Summitt at Southwood, Steele Creek Ped. Refuge (awaiting milling and resurfacing by resurfacing contractor); Ready for Construction: Kimmerly Glen bike connections, 15th at Myers Ramp, Choate Cir at Moss Rd; Utility Relocation: none; Real Estate: Catherine Simmons NIP, Park Road Ramps; Design: Margaret Wallace Crossing, Kilborne Drive, Yorkmont at Oak Lane Ped. Refuge; Survey: none; New Project: none

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 3rd Q 2014
Bid Phase Activities: Complete
Construction Activities: TBD

Project Number: 512-08-012
Project Title: City Boulevard Extension
Program Category: TRANSPORTATION
Program Title: Transportation - Miscellaneous
Fund/Center: 2010/0047487
Project Mgr: Leslie Bing
Project Mgr Phone: 704-336-7277
Consultant: URS Corporation - North Carolina

Project Summary:

This project will extend City Boulevard from Neal Road to the proposed Mallard Creek Road Extension.

**Vicinity Map**

Project Update:

Look Ahead: Construction to start by 4th quarter 2013.

Current Status: September 2013: Council awarded the construction contract to Triangle Grading and Paving at the August 26 Council Meeting. Awaiting the executed contract to schedule the Pre-Construction Conference.

Last Month: August 2013: Council awarded the construction contract to Triangle Grading and Paving at the August 26 Council Meeting. Awaiting the executed contract to schedule the Pre-Construction Conference.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,900,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 4th Q 2013
Construction Activities: Start 1st Q 2014/End 2nd Q 2015

Project Number: 512-12-053
Project Title: Mecklenburg Avenue Traffic Calming
Program Category: TRANSPORTATION
Program Title: Transportation - Miscellaneous
Fund/Center: 2010/0047705
Project Mgr: Jonathan Sossamon
Project Mgr Phone: 704-432-0406
Consultant: In-House Design Project

Project Summary:

The project will provide traffic calming elements along Mecklenburg Avenue from Norcross Place to Fort Street and Lynhaven Street. CDOT worked with the area citizens to propose a solution to vehicular speed along the street.

**Vicinity Map**

Project Update:

Look Ahead: The Bid Phase will begin end of Sept.

Current Status: September 2013: The 100% plans are complete. Bid to begin on Sept. 30.

Last Month: August 2013: The 70% plan review has been completed. Final plans are being prepared.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$350,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: Start 4th Q 2013/End 2nd Q 2014
Construction Activities: Start 3rd Q 2014/End 4th Q 2014

Project Number: 512-11-020
Project Title: N Church St. Improvements at Wadsworth Place
Program Category: TRANSPORTATION
Program Title: Transportation - Miscellaneous
Fund/Center: 2010/0037203
Project Mgr: Alan Morrison
Project Mgr Phone: 704-336-7266
Consultant: In-House Design Project

Project Summary:

This project will close the RR crossing on N. Church Street, and make improvements to the Church-Tryon Connector and extend Wadsworth Place, connecting it to N. Church Street.

**Vicinity Map**

Project Update:

Look Ahead: Construction Authorization and begin bid phase.

Current Status: (Sept 2013) CCD submitted to put the BST's as TBD until further direction is received from NCDOT.

Last Month: (Aug 2013) The bid phase was held up due to a conflict with CSX's plans for a second parallel track. City Engineering staff explored options to eliminate the conflict with a modified design but did not get approval to proceed. NCDOT has indicated that the Main Line Grade Separation Project is going to be delayed due to funding. The N Church St Improvements will need to find funding from a different source but NCDOT has requested that this project keep moving forward. The closing of CSX's crossing at Church Street is viewed beneficial for safety and is a part of many other

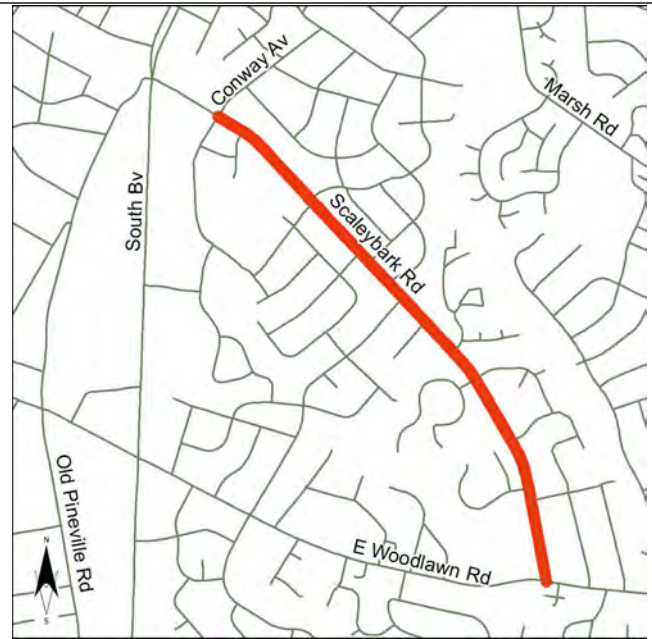
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: TBD

Project Number: 512-11-054
Project Title: Scaleybark Rd Traffic Calming (Conway Dr to Woodlawn F
Program Category: TRANSPORTATION
Program Title: Transportation - Miscellaneous
Fund/Center: 2010/0047706
Project Mgr: Imad Fakhreddin
Project Mgr Phone: 704-336-7926
Consultant: Consultant Not Required

Project Summary:

Provide traffic calming features to Scaleybark Road between Conway Avenue and Woodlawn Road, and fill in the sidewalk gap between the Korean Presbyterian Church and Belrose Lane.

**Vicinity Map**

Project Update:

Look Ahead: In the next 90 days, the consultant, AECOM, will be working on finalizing the easements and preparation of final plans. Plats will be prepared by City surveying and mapping.

Current Status: September 2013- The consultant will submit plans and CAD file to City Survey to begin preparation of right of way Plats. The project team met with the Fire Department and made modification to the plans to help with the emergency response time.

Last Month: August 2013- The consultant is addressing comments from the July 23 public meeting and preparing preliminary plans. Staff is working with the Fire Department to address their comments. July 2013- A public meeting was held on July 23 with good attendance. The project received overwhelming support from area residents. Comments from the public meeting will be addressed. June 2013- Concept plan was approved by the City. A public meeting will be held in the second half of July. May 2013- Project team held three concept plan review meetings on April 29, May 9, and May 21.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd Q 2014
Real Estate Activities: Start 4th Q 2013/End 4th Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD