

ENGINEERING & PROPERTY MANAGEMENT



PROJECT STRATEGY REPORT

December 13, 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: JANUARY 24, 2014

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
7	Orr Road Extension	New Project
157	University Walk Pedestrian Safety	New Project

➔ 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
Economic Development – Smart Growth	Poindexter Drive Light Rail Crossing	Completed

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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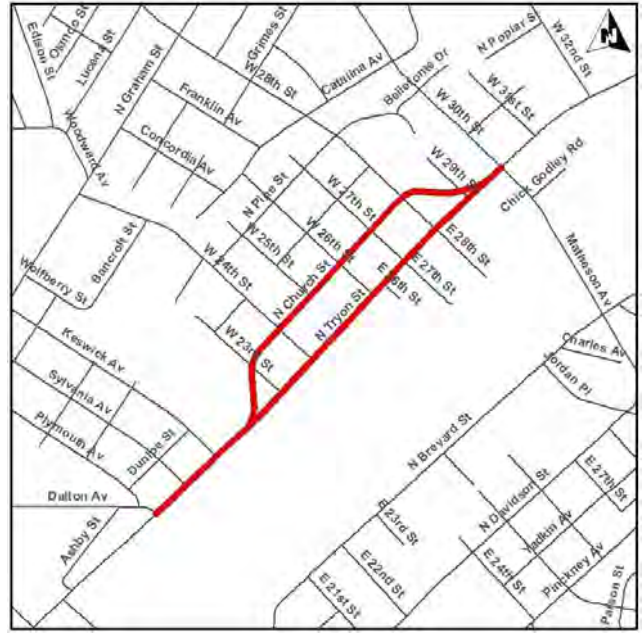
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PROJECT REPORTS

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 incenting development and supporting growth in distressed business corridors.



Vicinity Map

Project Update:

Look Ahead: Complete design phase.

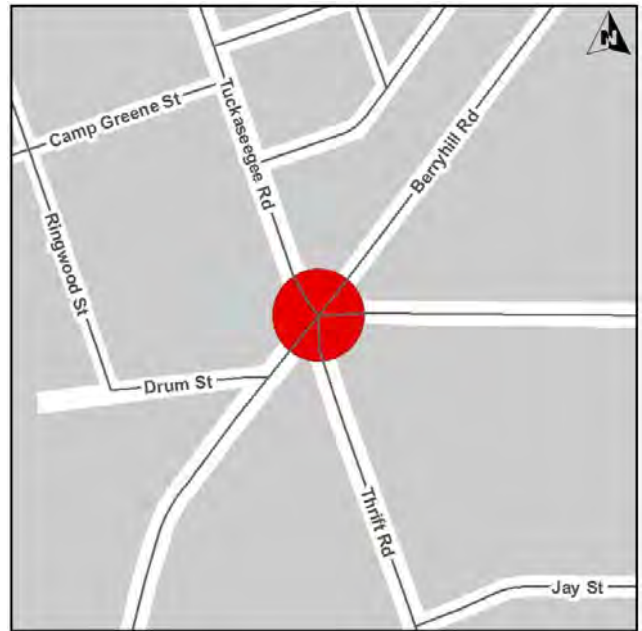
Current Status: (December 2013) Project team meeting was held on December 10, 2013. Kimley Horn is working toward 70% design plans. Several activities in design ongoing include utility coordination/design and coordinating real estate early acquisition parcels. Greenroad team meeting was held on December 5, 2013. Project team continues to upload completed GREENROAD required documents to the website for the project. Continue coordination meetings with national artist Sheila Klein on December 3, 2013.

Last Month: (October 2013): Monthly project team meeting was held on October 8, 2013. Greenroad project team meeting were held to discuss possible BMP areas with Stormwater on October 15, 2013. Also, met with CDOT on October 16 to discuss access at Amtrak, parking/access for shopping center near 29th street, and getting a CDOT signals representative to coordinate with on the project. North Tryon art tour was held on October 17 of the CDOT street maintenance facility and sign shop to look at reusable materials for art. Met with artist Sheila Klein on October 21, 2013

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: 512-13-034
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: (December 2013): Project team held second public meeting on November 7, 2013 from 6-7:30pm at the Bette Rae Community Center â€” 2921 Tuckaseegee Road. Meeting attendance included project team and 25 citizens. Project team continued to learn from impacted property owners to help with planning process and design. Also, Council Member Lawana Mayfield was in attendance. Project team met on December 2, 2013 to discuss public meeting #2 comments and document. In-house design has green light to move forward with design. Project team is in process of working with Arts and Science Council for supporting project selection of an artist and engaging the community for what

Last Month: (October 2013): Project team met on October 15, 2013 to discuss driveway access locations, sidewalk locations, vehicle movement in new areas for parking lots, etc. before we go back out to public for meeting #2. In-house design is complete with making tweaks to planning concept and 2nd public meeting is in process of being scheduled.
(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

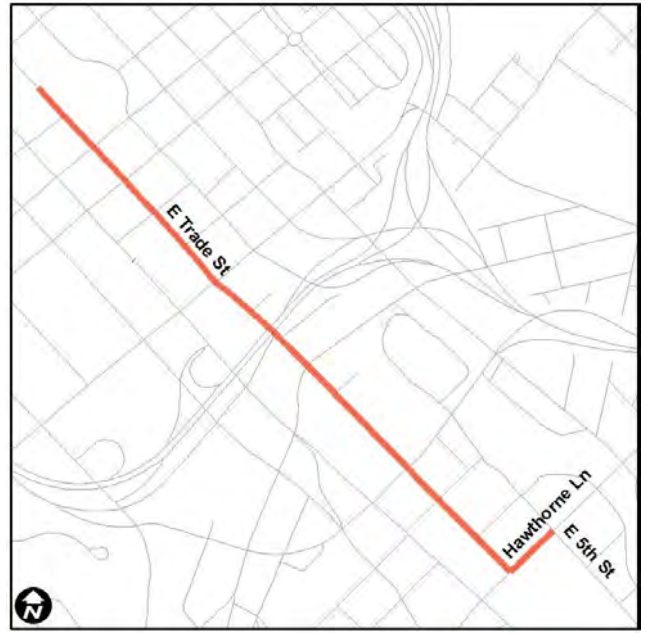
Cost & Schedule Commitments:

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

Project Number: 512-11-001
Project Title: CityLYNX Goldline Ph-1 [Streetcar Starter Project (Trade /
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. Over the next several months, track installation will begin, along with installation of poles to support the overhead system to power the streetcars.

Current Status: (December 2013) The waterline, storm drainage, and sanitary sewer work is complete. The contractor continues to install conduit and OCS pole foundations. Contractor is installing curb & gutter and asphalt in preparation for the track slab. The majority of the running rail has been welded into strands and is on the jobsite. The mud mat for the rail is being installed and the contractor is setting the rails in place. The first track slab pour will begin in mid-December. Overall construction is approximately 37% complete.

Last Month: (October 2013) Utility relocation for the OCS foundations is nearing completion. The contractor is essentially complete with the waterline, storm drainage, and sanitary sewer manhole installation. The contractor continues to install conduit and OCS pole foundations. He has begun curb & gutter and asphalt installation in preparation for the track slab. Rail installation activities are anticipated to begin in November. Overall construction is approximately 32% complete.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$37,000,000.00
Planning Activities:
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 1st Q 2015

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: LandDesign will have bus parking lot plans reviewed and permitted by City of Charlotte Land Development. The City's plans are in bid phase .

Current Status: Dec. 2013: Plans are in bid phase and LandDesign is designing the bus parking lot.

Last Month: Nov. 2013: Finalizing plans for bid phase.

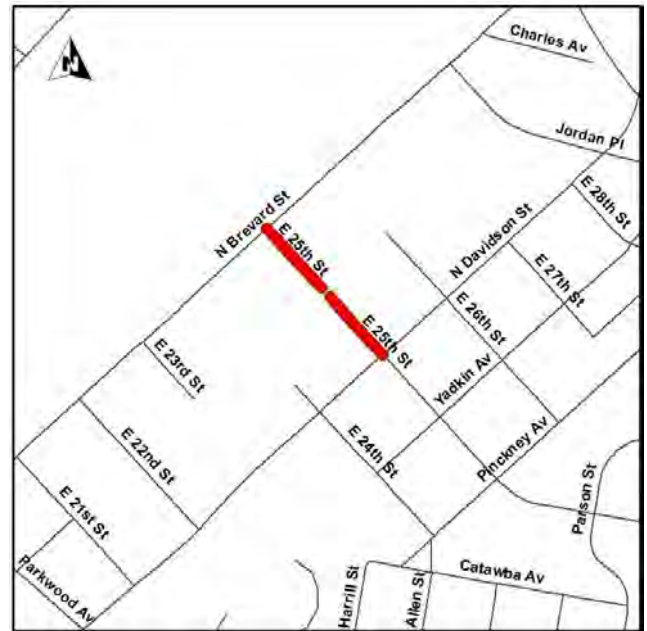
Cost & Schedule Commitments:

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

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: January 2013: Schedule planning kick of meeting with KHA and project team. Complete IPDS project plan.

Current Status: December 2013: Contract with KHA executed November 21st. NTP has been issued to KHA. Working on draft IPDS Project Plan and formulating project team. Waiting on survey.

Last Month: November 2013: Professional services contract with KHA for planning and design services has been approved and signed by City Council November 11th, 2013. Contract executed November 21st. Currently working on IPDS project plan, kickoff meeting to be held week of December 15th. EA Phase I is complete. October 2013: Professional services contract with KHA for planning and design services has been approved and signed. Going to Council November 11th, 2013. September 2013: Design level survey has been requested. Met with County & City Stormwater to discuss

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 STRATEGY REPORT

December 13, 2013

Project Number: 512-14-002
Project Title: Clark Blvd Connectivity
Program Category: ECONOMIC DEVELOPMENT
Program Title: Northeast Transit Corridor Infrastructure Program
Fund/Center: 2010/0049470
Project Mgr: Becky Chambers
Project Mgr Phone: 704-336-3280
Consultant: In-House Design Project



Vicinity Map

Project Update:

Look Ahead: Preliminary plans will be ready for review in January. Continue waterline discussions with CMUD.

Current Status: December 2013: Design continues. Change Control notice #1 regarding CMUD waterline addition has been approved. Negotiations on the cost of the waterline are underway with CMUD.

Last Month: October 2013: Survey is complete and design in underway. Change Control is underway to add a 6" waterline to the project at CMUD's request.

Cost & Schedule Commitments:

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

Project Number: 512-14-016
Project Title: Orr Road Extension
Program Category: ECONOMIC DEVELOPMENT
Program Title: Northeast Transit Corridor Infrastructure Program
Fund/Center: 2010/0048331
Project Mgr: Len Chapman
Project Mgr Phone: 704-336-6750
Consultant: Consultant Not Required

Project Summary:

This project originated from the North East Corridor Infrastructure Program (NECI) planning effort. The project is proposed to provide a new street connection by extending Orr Road from N. Tryon Street to Dawn Circle and to Austin Drive. The conceptual cross section includes 2 travel lanes, bike lanes, curb & gutter, sidewalk & planting strip, street trees. The project will replace left turn access to and from N. Tryon Street that will be lost when the BLE project eliminates left turns at Austin Drive. Also, extending Orr Road adds another access point into the southern part of the Hidden Valley neighborhood which helps alleviate potential congestion at Arrowhead Road.

**Vicinity Map**

Project Update:

Look Ahead: January 2013: Schedule planning kick of meeting with In House Design and project team. Complete IPDS project plan. Prepare for public outreach.

Current Status: December 2013: Working on draft IPDS Project Plan and formulating project team. Survey has been requested.

Last Month: November 2013: Met with In House Design team to discuss project issues and long range schedule. Survey has been requested. Beginning to hold phone conversations with property owners. Working on IPDS project plan, kick off meeting to be scheduled week of December 9th, 2013. October 2013: IPDS Initiation Document approved September 20th, 2013. New Project

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: 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: Continue construction.

Current Status: December 2013: Existing concrete slab and wall foundations have been removed as needed in preparation for augering for pole foundations. Rebar cages for foundations are nearly complete.

Last Month: October 2013: Structural shop drawings have been approved. Notice-to-Proceed will be issued on November 4th.

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: Project canceled.

Current Status: (December 2013): Project has been canceled due to Fire's decision to use 1517 N. Graham Street facility to house the Fire Investigation Division. An IPDS Change Control Document will be submitted after the Manager's Office approves the reallocation of funds to the new location for renovations and City Council has been briefed on the changes. Project Manager, Bruce Miller, 704-336-4469.

Last Month: (October 2013): Project in bid phase. Bid opening scheduled for October 30, 2013. Construction estimate exceeds available funding, but 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.

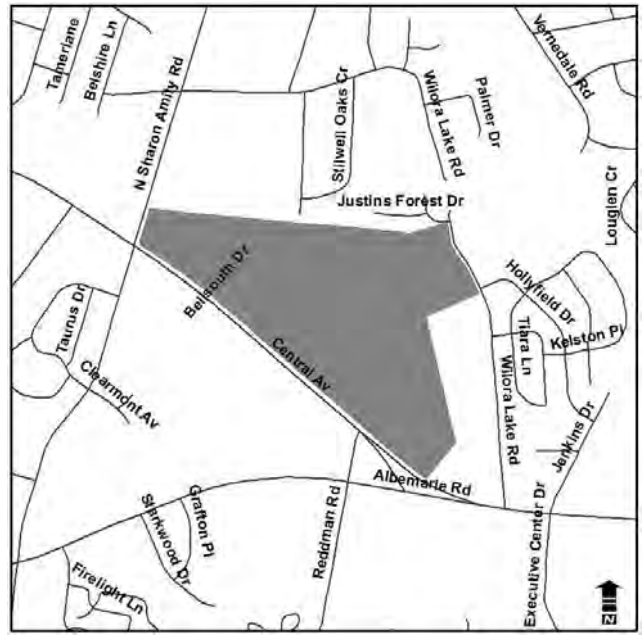
Cost & Schedule Commitments:

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 lighting and coordinate community interests.

Current Status: December 2013: Demolition is in progress. Site lighting coordination is in progress. Asbestos abatement is complete. Salvage operations are in progress. Work is 40% complete. Site redevelopment Request For Qualifications (RFQ) have been received and are under evaluation.

Last Month: October 2013: Demolition is in progress. Utility disconnect coordination is complete. Asbestos abatement is in progress. Salvage operations are in progress. Work is 25% complete. 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: (December 2013) Program Verification and Conceptual Development is ongoing. In process of working with the Data Center and Medic team to determine and evaluate space and mechanical needs. Design and Commissioning Service contracts are scheduled to go to City Council for award on January 13, 2014. The original Commissioning contract council date was deferred by EPM leadership team so it would not supersede the design services contract award. RFQ for Construction Manager at Risk for pre-construction services is scheduled to be advertised before end of 4th quarter 2013. Project schedule TBD after Schematic Phase. Project Manager, Bruce Miller at 704-336-4469.

Last Month: (October 2013) Scope of services and contract negotiation phase for Architectural Design contract ongoing. Small Architectural contract for Program Verification and Conceptual Development awarded on October 16, 2013. Contract approval for Commissioning Agent scheduled to go to City Council on November 11, 2013. RFQ for Construction Manager at Risk for pre-construction services is ongoing. Project schedule TBD after Schematic Phase. Project Manager, Bruce Miller at 704-336-4469.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 1st Q 2016
Real Estate Activities: In-progress/End 1st Q 2015
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: November 2013 Construction is 80% complete. Site sewer and fire are complete, primary power and secondary to the building are complete, Curb and gutter is 70% on the perimeter and 50% on the interior of the parking lot, Roof leaders have been tied in, Fine grading of the site is 50% complete, DOT entrances are both complete, HVAC sheet metal rough ins-piping rough ins have been completed, Overhead electrical, plumbing, and fire protection rough ins are complete, Plumbing, electrical rough ins and inspections are complete, Blocking is complete, Gypsum board is 98% complete. The lobby ceiling is all that is lacking and Prime painting is 70% complete.

Last Month: October 2013: Construction is 64% complete. Construction continues. Site water and site sewer are complete. Storefront systems are nearing completion, glass will be installed the week of 10.28.13 to effectively dry in the building. Dumpster pad footings have been installed. Parking lot is in process of undercut and should be complete next week. Metal Stud partitions are 100% complete. Wood blocking for millwork and equipment is approximately 90% complete.

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

December 13, 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 and prepare for City Council land acquisition. Begin site studies and programming.

Current Status: December 2013: Project planning continues with site selection and environmental investigation. The RFQ process is complete. A design team has been selected and fees are being negotiated.

Last Month: October 2013: Project planning continues with site selection and environmental investigation. The design contract RFQ packages have been recieved and are being evaluated.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$10,500,000.00
Planning Activities: TBD
Design Activities: TBD
Real Estate Activities: In-progress/End 3rd 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 2nd quarter 2014.

Current Status: (December 2013) Delays in the window installation continues to limit the amount of interior work that can be accomplished. However, some insulation and drywall is ongoing in dried in areas on the second level. Steel window surrounds at west stairway, and south entry continues. Also window frames and cast stone jamb installation is ongoing. Staff will closely monitor the contractor's progress and provide monthly updates with a request for a revised schedule each month. Liquidated damages will continue to accrue until project is complete. Project is approximately 70% complete. New construction schedule pushes project completion out to 2nd quarter 2014. Bruce Miller

Last Month: (October 2013) Delays in the window installation continues to limit the amount of interior work that can be accomplished. However, site work and erection of the exterior entrance canopy is on-going at this time. The contractor has issued a revised schedule which appears to be aggressive. Staff will closely monitor the contractor's progress and provide monthly updates. Liquidated damages will continue to accrue until project is complete. Because of the length of the delay, the architect has requested an amendment to their contract to cover their costs. These costs should

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 2nd Q 2014

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

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: January 2014: Precon meeting scheduled for January 2nd. Begin construction January 6th.

Current Status: December 2013: Holding to begin construction at the beginning of the year to avoid conflicts with BPAC events.

Last Month: November 2013: Received executed contract. Schedule precon meeting for January 2014.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Start 4th Q 2013/End 2nd Q 2014
 Design Activities: In-progress/End 3rd Q 2014
 Real Estate Activities: In-progress/End 2nd Q 2014
 Bid Phase Activities: Complete
 Construction Activities: TBD

PROJECT STRATEGY REPORT

December 13, 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. Design efforts will include HVAC air flow studies, other mechanical system component needs, energy modeling, and cost estimating.

Vicinity Map

Project Update:

Look Ahead: Get design phase underway, create overall project scheduling, and set up project plan.

Current Status: November 2013: The design contract scope of services and fee negotiations were finalized in late November. The design services contract was approved by city council on December 9. Data gathering efforts and conversations are being conducted between project team members as efforts towards start of design phase get underway.

Last Month: October 2013: A selection committee meeting occurred on October 16 at 3:00pm. MEP consultant McCracken & Lopez was selected. Scope and fee discussions are underway and are to be completed by November 9. Scope will include chiller design which shall be sized based upon future anticipated occupancy levels. Design efforts will include HVAC air flow studies, other mechanical system needs, energy modeling, and cost estimating for each component. The project is scheduled to be awarded on December 9, 2013.

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: Receive an executed contract and schedule a pre-construction meeting in mid-January.

Current Status: November 2013: Design and bid phase are complete. The construction project was awarded by city council on December 9. The project within budget and on schedule for an early February-2014 construction start.

Last Month: 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.

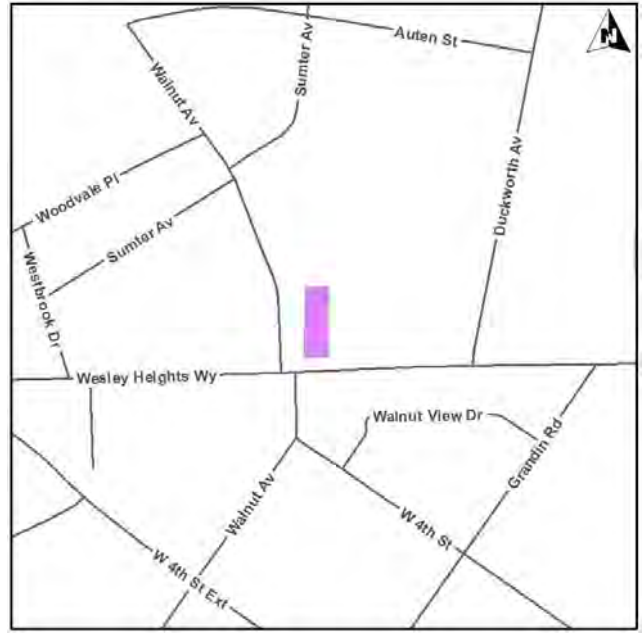
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$750,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: In-progress/End 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: Begin construction.

Current Status: December 2013: Pre-construction meeting was held on December 2nd. Notice to proceed will be dated December 16th.

Last Month: October 2013: Bids were opened on October 15th. RCA is being prepared for a November 11th City Council date.

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 4th Q 2013
Construction Activities: In-progress/End 3rd Q 2014

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

**Vicinity Map**

Project Update:

Look Ahead: Continue construction. Complete interior wall construction, complete roof installation, and begin interior finishes.

Current Status: December 2013: Exterior wall framing is complete. Interior wall framing is complete. MEP rough-in is in progress and roof installation is in progress. Work is 60% complete.

Last Month: October 2013: Exterior wall framing is complete. Interior wall framing is complete. MEP rough in is in progress and roof installation is in progress. Work is 50% complete.

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: (December 2013) Project was Substantially Complete on December 9, 2013. Final punch-list signature and verification pending. Close-out documents have not been received yet. Construction was complete by end of 4th quarter 2013. Project Manager, Bruce Miller, at 704-336-4469.

Last Month: (October 2013) The FFW building renovation project is approximately 85% complete. The following work is complete; exterior panels, lighting, camera installation, Heating, Ventilation, and Air Conditioning (HVAC) system, exterior and interior painting, and over-head door installation. The Fire Alarm System has not been installed yet due to clarification of Buy America products. Ongoing work is window storefront and door installation in office and break room area. Construction is scheduled to be completed by end of 4th quarter 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:

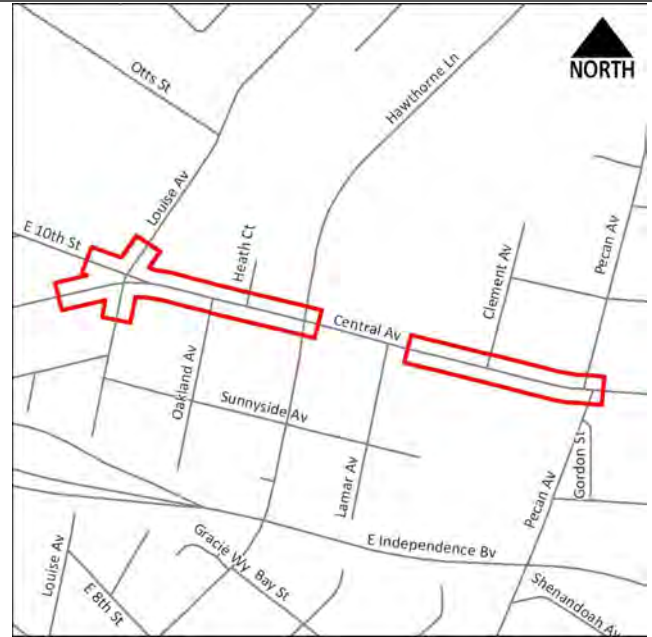
Bid Phase Activities: Complete

Construction Activities: Completed

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: KIMLEY-HORN AND ASSOCIATES, INC.

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: Dec 2013: The first public meeting was held Nov. 19 and all attendees were in favor of the project. The Planning Phase has been extended and a contract amendment with Kimley-Horn is being prepared.

Last Month: 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.

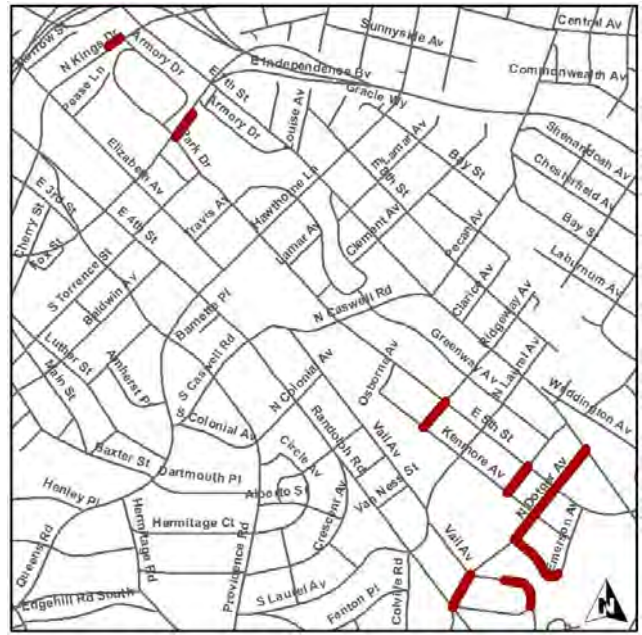
Cost & Schedule Commitments:

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: January 2013: Prepare for meeting with Council member Kinsey to get her input on proposed sidewalk locations. Also, prepare for property owner meetings for public input for proposed sidewalk locations.

Current Status: December 2013: Continue in planning phase. The multi-use-paths (mup) are at approximately 25% design. Per CPCC's recommendation will shift location of Belk Plaza mup. Gave update to Elizabeth Neighborhood Leaders at Planning's December meeting. Scheduled meeting for January 6th with Council Member Kinsey and project team members to discuss proposed sidewalk locations. Due to the sensitive nature of possible impacts to people's property we would like to get her opinion on how to proceed. Charlottetowne tunnel is operationally open. Park and Rec has completed the painting & lighting. The gates are to remain attached, and will stay open.

Last Month: November 2013: Held team meeting October 29th to discuss the neighborhood leaders recommended sidewalk locations. Due to impacts to their properties the team decided that we need to meet with Councilwoman Kinsey and get her insight on how to approach the affected property owners. The meeting is to be scheduled for the week of December 9th. In House is working on a graphic for this meeting. Concepts for both multi-use-paths are complete. Waiting on approval from CPCC because the location of the Belk Plaza path has changed slightly. Charlottetowne tunnel is

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: 512-10-023
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 underway and scheduled to end by 4th Qtr 2014.

Current Status: Dec 2013: Construction is underway. The contract for decorative lighting will be on the January 13 Council Agenda.

Last Month: Oct 2013: The Pre-construction Conference was held Oct. 15. Contractor anticipates beginning the last week in November.

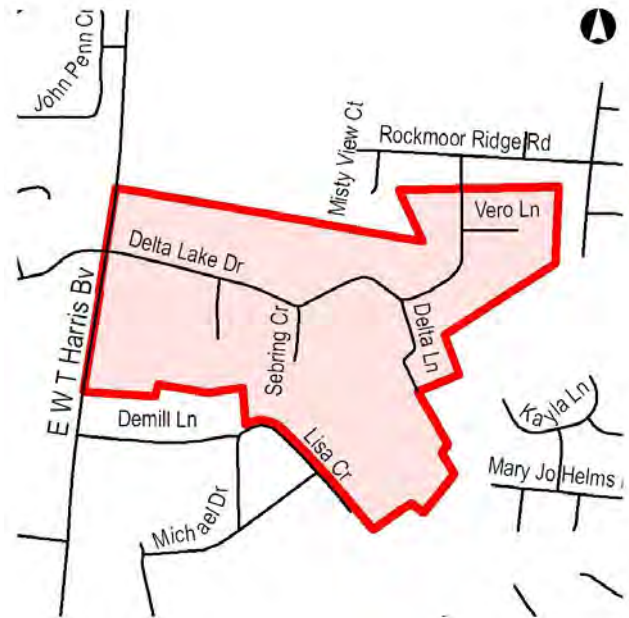
Cost & Schedule Commitments:

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

Project Number: 512-07-065
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 spring of 2014.

Current Status: Dec 2013 - Construction is complete and the Warranty phase will extend through March 2014. The contractor has completed the punch list created from the 6-month inspection. The 11-month inspection will occur in January 2014. The landscaping phase will occur in the spring of 2014.

Last Month: Oct 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.

Cost & Schedule Commitments:

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

Planning Activities: Complete

Design Activities: Complete

Real Estate Activities: Complete

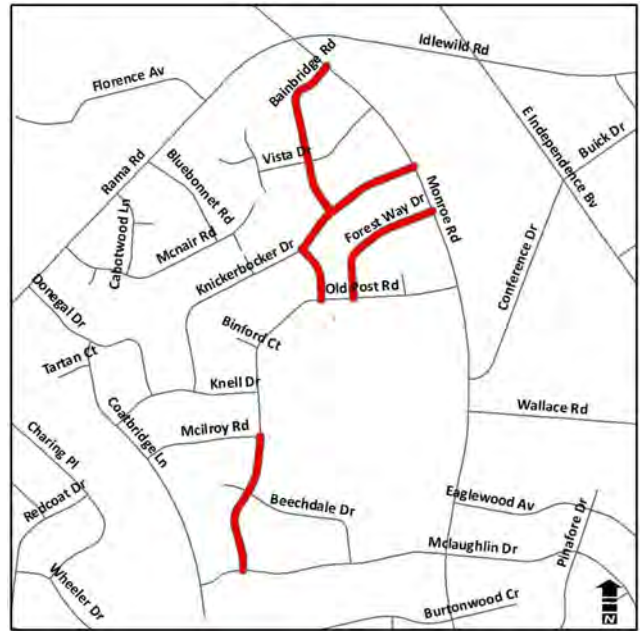
Bid Phase Activities: Complete

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 began, ahead of schedule, and will extend through May 2014 (through contract execution).

Current Status: Dec 2013 - Contracts is reviewing the bid documents and plans.

Last Month: Oct 2013 - 100% plans, specs and cost estimate were submitted to Contracts on Oct 25th to begin the bid phase.

Cost & Schedule Commitments:

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

**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: Dec 13 - Construction is underway and approx 70% complete. The change order for \$410k has been submitted to Contracts for processing, this CO will add several streets to the project that are being funded by the Sidewalk Program.

Last Month: Oct 24 - Construction is underway and approx 40% complete. The contractor has submitted prices for an upcoming change order to add several streets to his construction work. The change order is now with contracts for processing. 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 were accepted on April 23rd. Council Award is

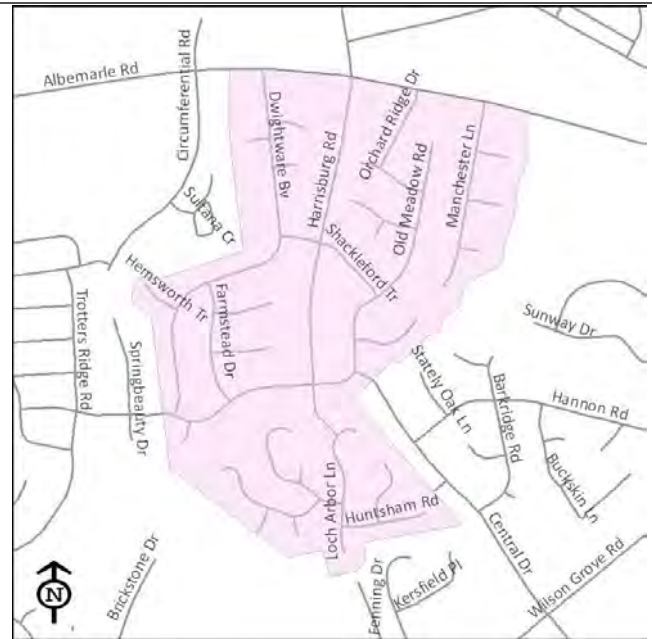
Cost & Schedule Commitments:

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: December 2013: Receive comments from Contracts, and submit 100% mylar set for bid.

Current Status: December 2013: Final review and sign off being done by Contracts and staff. Consultant is modifying estimate per CIC codes.

Last Month: November 2013: Final review and sign off being done by Contracts and staff. October 2013: Consultant submitted final plans. NCDOT Encroachment package was also delivered. Staff is doing a final review and mylar sign off. 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.

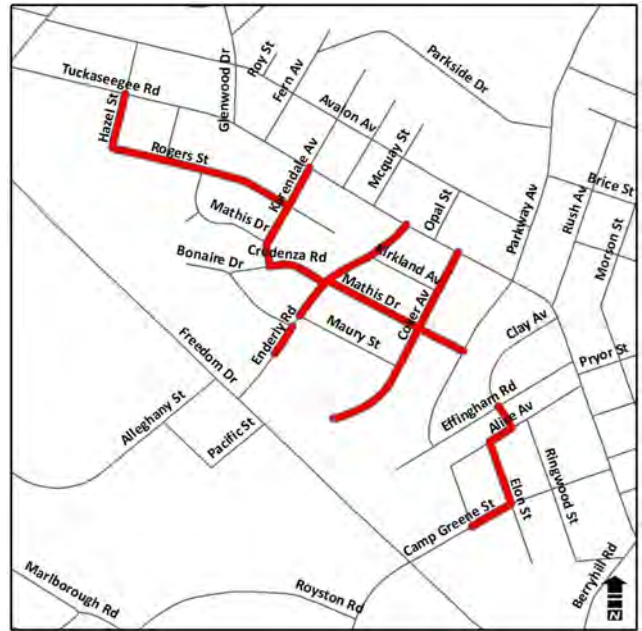
Cost & Schedule Commitments:

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

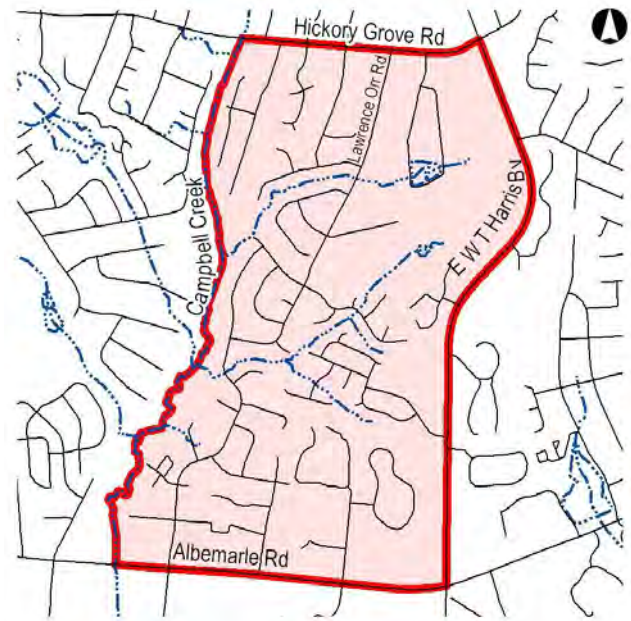
Current Status: Dec 2013 - Construction continues and is 70% complete. Monthly project meeting was held on Dec 10 to discuss the project status. Contractor has completed the Meck County park work and Enderly Rd work up to Credenza. Elon and Camp Greene improvements are nearly complete. Clay, Alice and Credenza storm piping are complete. Efferingham piping will complete soon. Contractor is working up Enderly Rd toward Tuckaseegee.

Last Month: Oct 2013 - Construction continues and is 55% complete. Monthly project meeting was held on Oct 8 to discuss the project status. Contractor has completed ~75% of Camp Greene St and Elon St storm drainage. Curb and gutter and sidewalk to follow next. Awaiting AT&T relocation of one pole and guy wire on Enderly Rd. Expect completion last week of Oct. Met with SMD to show the existing condition of Enderly Road. The subgrade is wet and the road is cracking. We will watch the condition as the Contractor moves up the road.

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.

**Vicinity Map****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.

Project Update:

Look Ahead: Council Award is set for October 2013, construction will begin in late 4th Qtr 2013 / early 1st Qtr 2014.

Current Status: Dec 13 - The contract was awarded by City Council docket on Oct 28th. The PreConstruction meeting is scheduled for Jan 6th. Sealand Contractors will be the contractor.

Last Month: Oct 24 - The contract is on the City Council docket for Oct 28th for award. Low bidder was Sealand Contractors. Construction should begin in December. 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

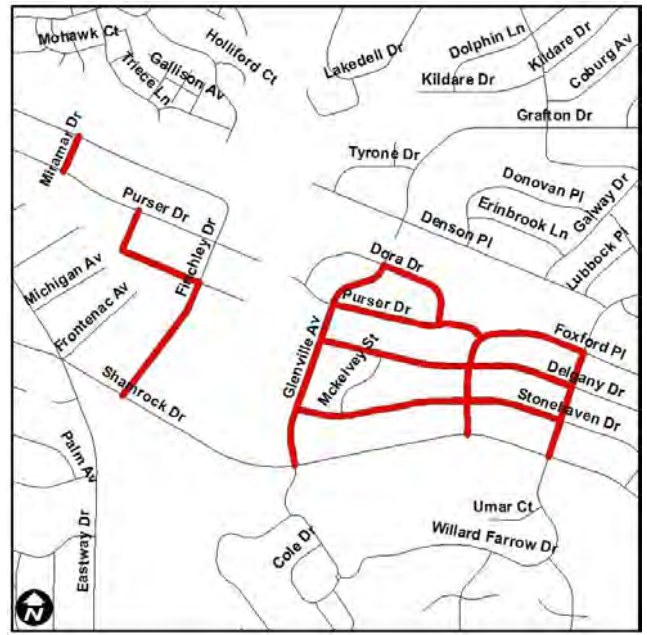
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,700,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
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 March (contract execution).

Current Status: Dec 2013 - Bid phase will continue through March (executed contract). The bid schedule was developed on December 4th. The project will be presented to Council for approval on February 10th.

Last Month: Oct 2013 - The bid phase has begun and will continue through January (executed contract). Awaiting bid schedule from Contracts. Mylars have been submitted to the Map Room.

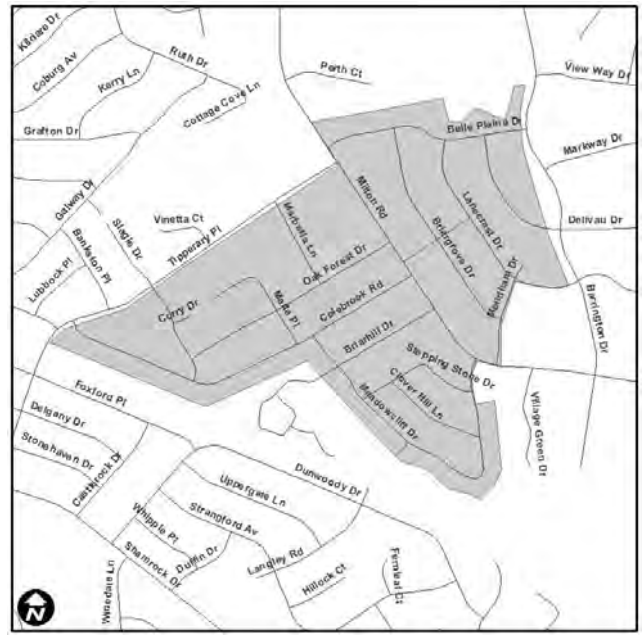
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,900,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/End 1st Q 2014
Construction Activities: Start 3rd 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: December 2013: Plans sent to Contracts for final review / sign off.

Current Status: December 2013: Consultant submitted 99% final plans, specs, estimate. Plans are being reviewed by staff.

Last Month: October 2013: Consultant has indicated they will be submitting final plans, specs, estimate, October 25, 2013. September 2013: A postcard was sent to residents updating them on the project status. Consultant is late submitting final plans. 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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$4,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: Complete
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2015/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: Utility relocations are underway. A schedule for bid and construction will be available in the next report.

Current Status: Oct 24 - The real estate agreement with the county has been signed by all parties. Scheduling for utility relocations is underway. A Change Control to set the target for Bid and Construction will be prepared over the next weeks.

Last Month: Oct 24 - The real estate agreement with the county has been signed by all parties. Scheduling for utility relocations is underway. A Change Control to set the target for Bid and Construction will be prepared over the next weeks. 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

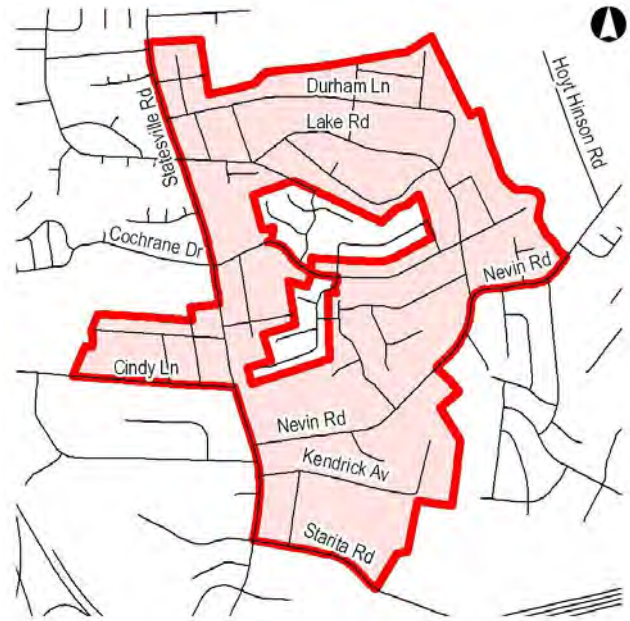
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,500,000.00
Planning Activities:
Design Activities: Complete
Real Estate Activities: In-progress/End 4th Q 2013
Bid Phase Activities: In-progress/End 2nd 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: Construction will begin in November 2013 with a completion date in the 3rd Qtr 2014.

Current Status: Dec 13 - Construction began on November 18th and is approx 15% complete. Carolina Cajun is the contractor. The contractor is currently working on the new water line and drainage components.

Last Month: Oct 24 - The pre-construction conference was held on Oct 10th, NTP was issued for November 18. Carolina Cajun will be the contractor. 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.

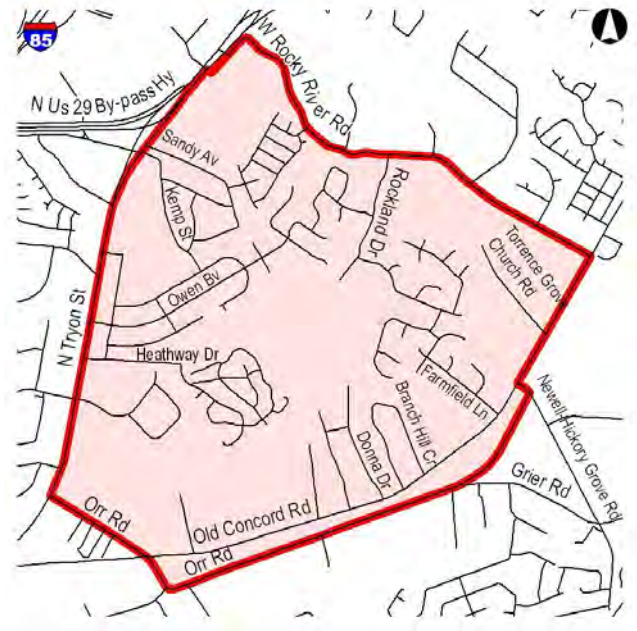
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,500,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
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:** December 2013 - Receive design milestone date from atkins and send postcard to residents and update website. A CDC may be necessary depending on SWS review and CDS milestone date. Park and Rec has altered their design of Toby Creek Greenway along Rockland. Staff has decided to keep sidewalk on both sides of Rockland at this time.
- Current Status:** December 2013 - Atkins has submitted a schedule to SWS showing Alternative selection at the end of January 2014. An additional status update was requested from Atkins 12/12/13 to determine a hard date for design submittal.
- Last Month:** October 2013 - Staff met with Atkins to review analysis on October 3. Storm Water Services reviewed the analysis and provided comments. Atkins has been given permission to begin the City Design Standard (CDS) milestone. Atkins will provide an updated schedule to the city for the CDS after SWS anticipated review completion date for EC milestone is conveyed to Atkins. When a date is determined, a postcard will be sent to residents. September 2013 - Staff will meet with Atkins to review analysis on October 3 to determine if additional design is necessary. If additional design is

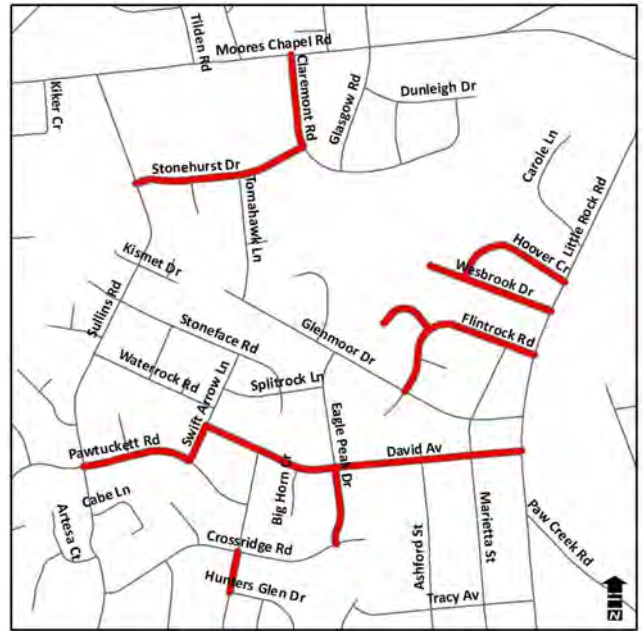
Cost & Schedule Commitments:

- Estimated Cost @ Completion: \$0.00
- Planning Activities: Complete
- Design Activities: In-progress/End 2nd Q 2014
- Real Estate Activities: In-progress/End 2nd Q 2014
- Bid Phase Activities: TBD
- 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: The BST for completion has been set to TBD. The end of construction is unknown at this time due to unforeseen utility conflicts.

Current Status: Dec 2013 - Construction is 55% complete. A change control has been approved to set the schedule to TBD due to unforeseen utility conflicts. The utility conflict at David Ave has been completed. The utility conflicts around the creek behind Wild Turkey Ln are still outstanding. No schedule has been set yet by Duke to complete.

Last Month: Oct 2013 - Construction is 55% complete. Team now knows the project will not be complete on time, by 4th qtr 2013. A change control has been approved to set the schedule to TBD due to unforeseen utility conflicts. When the conflicts have been resolved, another change control will be written to reset the BST for schedule. Several field meetings have been held this month.

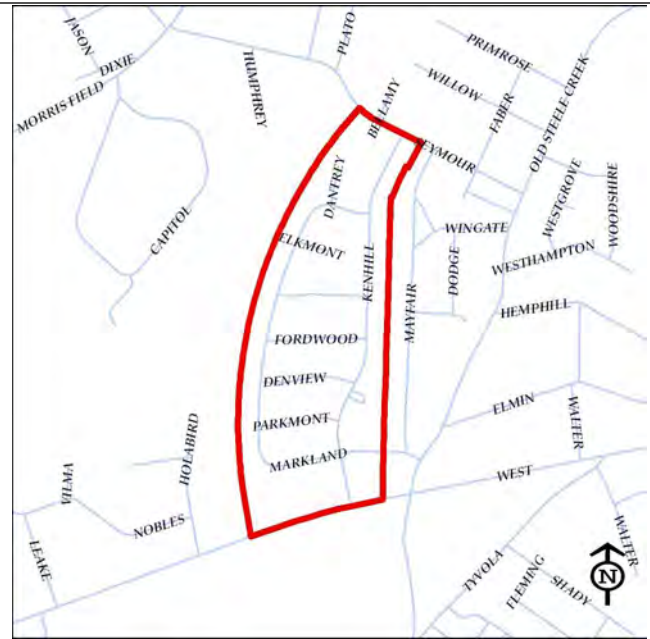
Cost & Schedule Commitments:

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 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 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: December 2013: Receive final comments from Contracts and submit mylar set of plans for bid.

Current Status: December 2013 - 99% plans are in Contracts for review.

Last Month: October 2013 - CDOT Implementation signed off on plans October 17, 2013. Estimate was reviewed and comments were made by CDOT and SWS. A revised estimate and final plans were submitted October 21, 2013, and is being reviewed. U.S. Army Corps of Engineers permit was received on October 20, 2013. 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

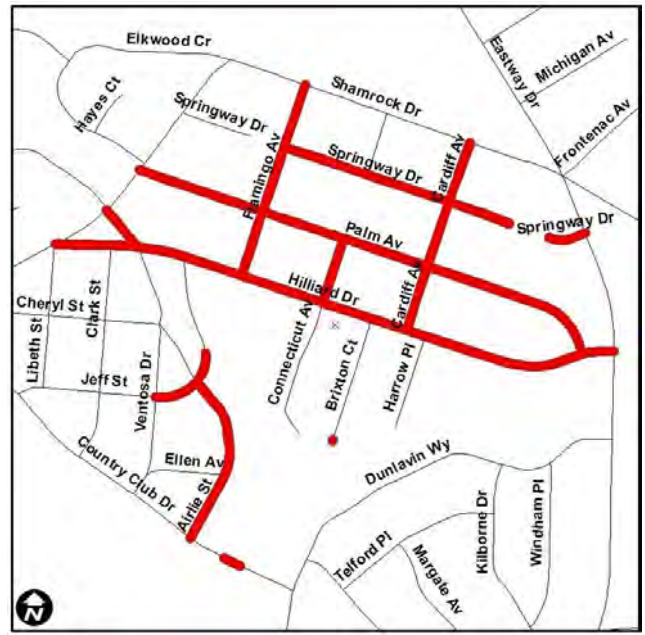
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,300,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: Complete
Bid Phase Activities: Start 1st Q 2014/End 3rd Q 2014
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: Construction will begin on January 2nd and extend through 4th quarter 2014.

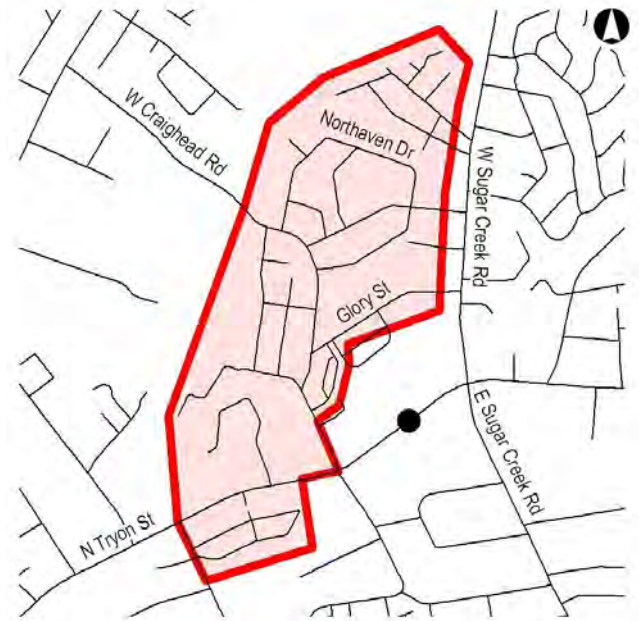
Current Status: Dec 2013 - Construction has been scheduled to begin January 2nd. The signage in the neighborhood has been set. The trees have been removed for the utilities to begin relocating.

Last Month: Oct 2013 - The executed contracts have arrived and the PCC is scheduled for Nov. 7th. The change control to set a new schedule and budget has been approved.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$4,100,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: Start 2nd Q 2014/End 4th 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.

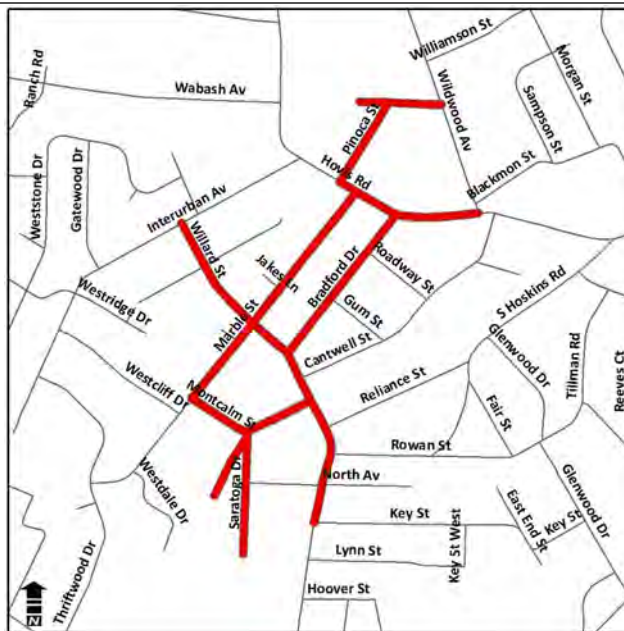
Cost & Schedule Commitments:

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:** Dec 2013 - Construction continues and is 72% complete. Contractor is working on Bradford Dr, North Ave and Marble St improvements. PM and Inspector will meet again in January to review the outstanding utility relocations in the project.
- Last Month:** Oct 2013 - Construction continues and is 70% complete. Contractor is working on Bradford Dr., installing the storm drainage, curb and gutter and sidewalk. PM and Inspector determined final utility relocations and sent info to all utilities.

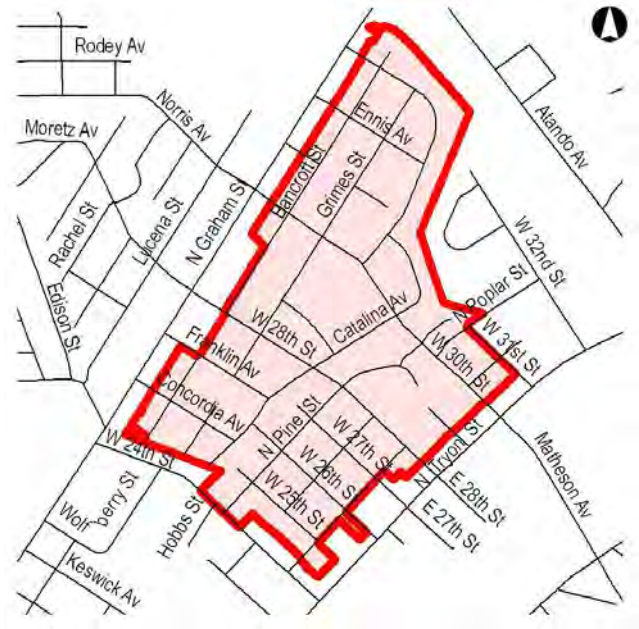
Cost & Schedule Commitments:

- 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. Curb and gutter will be installed from Grimes to Norris Ave. Sidewalk, wheel chair ramps and driveways improvements will be installed from Bancroft Street to Norris Ave.
- Current Status:** (December 10, 2013) Construction is 75% complete. Phase 1 is complete . Phase 2 is still in progress. Curb and gutter is complete on Dogwood from North Graham to Grimes. Sidewalk, wheel chair ramps and driveway installations are complete from. North Graham Street to Bancroft.
- Last Month:** (November 12, 2013) Construction is 65% complete. Phase 1 is complete . Phase 2 is still in progress. Curb and gutter, driveway improvements, and storm drainage improvements are complete on Grimes Street. Curb and gutter, storm drainage improvements and driveway improvements are complete South Bound on Bancroft Street from Norris Avenue to Dogwood. Storm drainage are complete on Dogwood Avenue from Graham Street to Ennis Avenue. Street Maintenance is complete with base repair on Dogwood Avenue

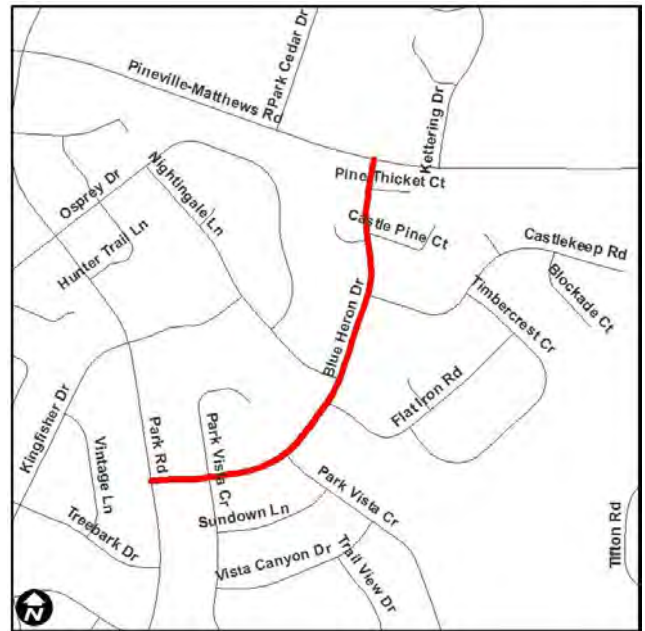
Cost & Schedule Commitments:

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 1st Q 2015

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: (November/December 2013): The contractor did not begin construction October 18th as planned. The construction for the project actually began on November 11th. The contractor will be held to the original start date and is expected to be completed by January 15th. The construction contract period is for 90 days. The project is about 40% complete.

Last Month: (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. (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.

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 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. Begin utility relocation.

Current Status: December 2013: We are awaiting the appraisal for the remaining parcel acquisition (due 12/18) to make final offer to property owner and begin condemnation if needed. Coordination with the Storm Water Maintenance culvert replacement project is ongoing. Utility relocation can begin since easement has been acquired for down guy relocation.

Last Month: October 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 (appraisal has been ordered). Coordination with the Storm Water Maintenance culvert replacement project is ongoing. Utility relocation can begin since easement has been acquired for down guy relocation.

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: Start 1st Q 2014/End 3rd Q 2014
Construction Activities: Start 2nd 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: Warranty and close-out

Current Status: December 2013: Construction is 100% complete. Landscaping has been completed.

Last Month: October 2013: Construction is 100% complete. Working with landscape staff to set project landscape schedule.

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: (November/December 2013): This project has been placed on hold until funding becomes available.

Last Month: (October 2013): This project has been placed on hold until funding becomes available. (September 2013): This project has been placed on hold until funding becomes available. (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 his project (May 2013): This has been placed on hold until funding becomes available. (April 2013): This project has been placed on hold until funding

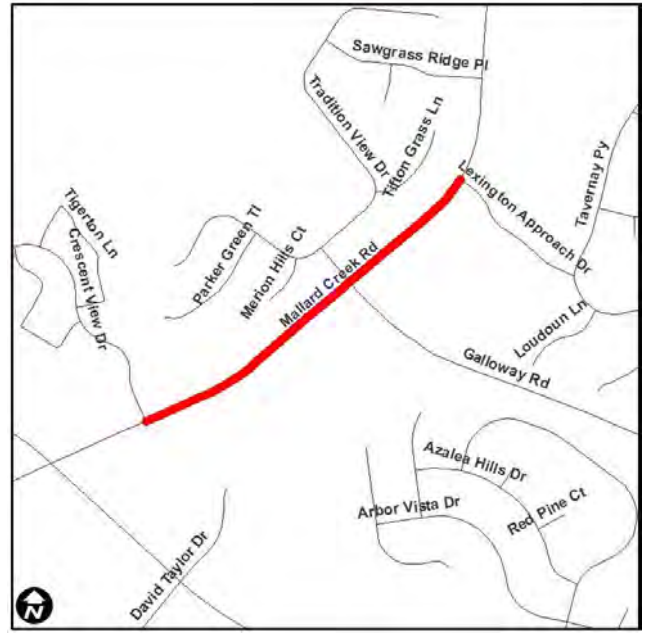
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd 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) SdI
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: (November/December 2013): Construction is currently 99% complete. The Duke Energy utility pole conflict with proposed sidewalk was resolved on December 10th. The contractor is expected to complete the project by the week of December 20th. Due to holidays and staff vacation schedules the final inspection will take place in early January. A pre-final walk through is planned for December 18th.

Last Month: (October 2013): Construction is currently 40% complete. (September 2013): Construction to begin on or around August 26th. (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

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: 512-12-047
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: Final Design

Current Status: (November/December 2013): The 90% review meeting was held on November 4th. Review comments and mark ups will be addressed for the final plans. Plats for the project have been submitted for review. Awaiting feed back from the consultant and real estate once all soft digs are completed to make sure no additional changes on the plats are needed. Utility Coordinator to schedule a field meeting with all Utilities to address any conflicts with the current design.

Last Month: (October 2013): 90% design plans are underway and planned for delivery before the close of the month. Plat preparation began the end of September. Utility Coordinator to schedule a field meeting with Utilities to address any conflicts with the current design. (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. (August 2013): Design continues. The Nevin Rd Sidewalk preliminary review was held Wednesday, June 26th. Plan review mark

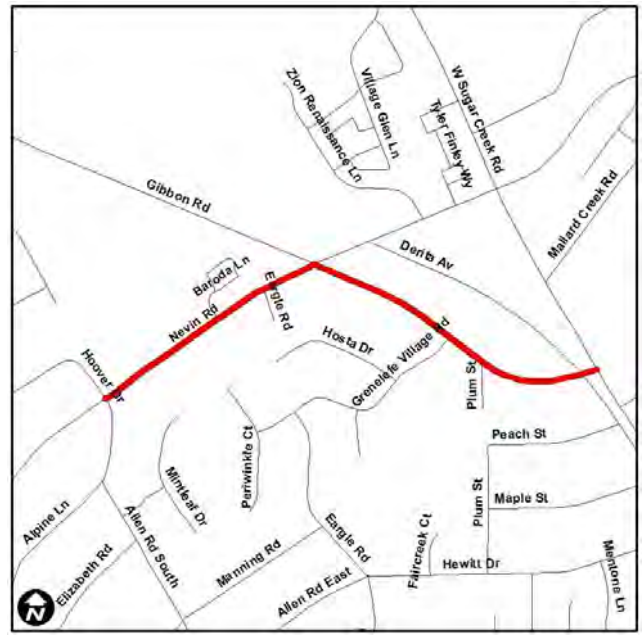
Cost & Schedule Commitments:

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

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:

This project will provide six to eight foot wide sidewalks along the north side of Nevin Road from Alpine Lane to Gibbon Road and along the south side of Gibbon Road from Nevin Road to West Sugar Creek Road. This project will also fill gaps in c&g and sidewalk along the east side of West Sugar Creek Road between Hunter Avenue and Mallard Creek Road.

**Vicinity Map**

Project Update:

Look Ahead: Real Estate acquisitions will begin once plats are completed.

Current Status: Nov 2013: Plats have been requested. Still waiting on utility comments, which were due Oct 25th.

Last Month: Oct 2013: Request for NCDOT ROW and Utility Authorization was recieved on 10/24/13. Waiting on utility comments before requesting plats. Sept 2013: NCDOT approval obtained and 90% plan review was completed Sept 23rd.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,300,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: Start 1st Q 2014/End 4th 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: (November/December 2013): The construction is approximately 100% complete. The project final inspection was held Thursday, December 5th. The project will complete punch list items following.

Last Month: (October 2013): The contractor began work September 30th. The construction contract is a 60 day contract. Construction is underway. (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. (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

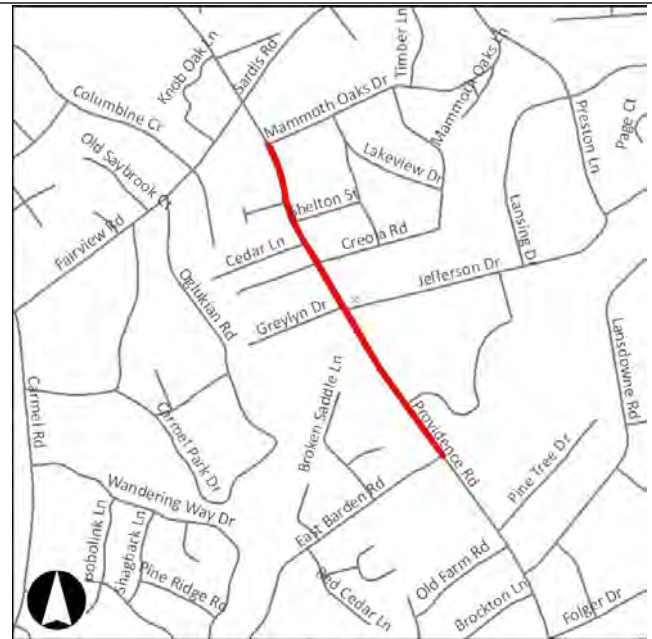
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$550,000.00
 Planning Activities: Complete
 Design Activities: Complete
 Real Estate Activities: Complete
 Bid Phase Activities: Complete
 Construction Activities: Completed

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: This project is no longer on hold. The federal fiscal year began this October and the project is now moving forward. Next Steps are Environmental Documentation(CE) development and submission, Public Meeting, 95% plan and plat review/updates following the public meeting. Plans were forwarded to the UC for review and utility coordination.

Current Status: (November/December 2013): The project is currently back in progress. Final design plans are being reviewed and re-evaluated since being on hold in 2010. A public meeting was held Tuesday, November 19th to update the residents impacted by the project as we wait state approvals and the municipal agreement from the State. This meeting was the first live webinar simulcast introduced for public meetings. Currently working out final design, categorical exclusion details, and real estate estimation, so that once the Municipal Agreement is received we can move forward with State and Federal approvals with ease.

Last Month: (October 2013): The project is currently back in progress. Final design plans are being reviewed and re-evaluated since being on hold in 2010. A public meeting will be held Tuesday, November 19th to update the residents impacted by the project as we wait state approvals and the municipal agreement from the State. (September 2013): This project has been placed on hold until October 2013, at which time CMAQ funding will be come 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

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 1st Q 2016/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 Underway 20% complete

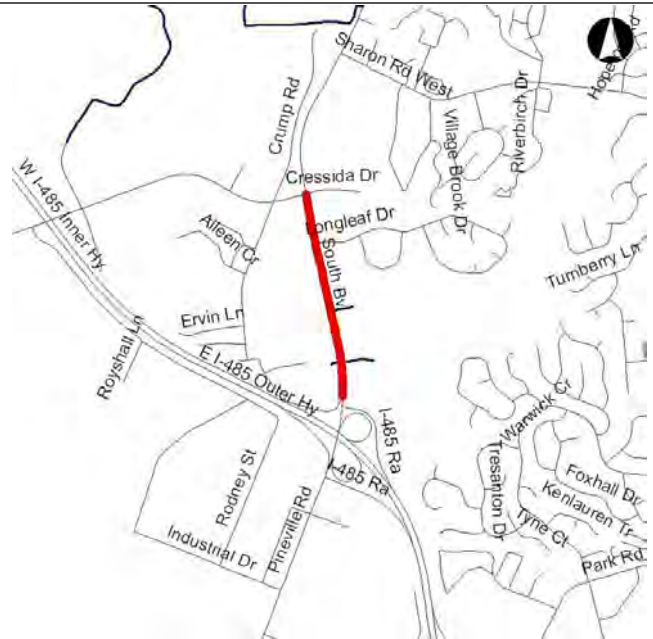
Current Status: December 2013: Waiting on final design plans from Armstrong Glen. Real Estate Phase Underway

Last Month: October 2013: Waiting on Utility Mark-ups from Duke. Waiting on final design plans from Armstrong Glen. Real Estate Phase end of October 2013

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,000,000.00
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: 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 Summary:**

This project will involve sidewalk installation along the west side of South Boulevard from Carolina Pavilion to Westinghouse Boulevard. This project is Tier 1 sidewalk project and is approximately 0.33 miles long.

Project Update:

Look Ahead: Warranty

Current Status: (November/December 2013):(I-485 to Westinghouse Blvd)- The project began construction August 19th. The contractor is currently in liquidated damages due to overrunning the 60 day contract. Construction is now complete A minor change order is currently pending due to retaining wall quantity overruns. Final Inspection date December 18th.

Last Month: (October 2013):(I-485 to Westinghouse Blvd)- The project began construction August 19th. Minor utility conflicts are being worked out.The construction contract is a 60 day contract. Construction continues with the wall installation for parcel no 2 as we near construction completion. (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. (August 2013):(I-485 to Westinghouse Blvd)- The project will begin construction by mid-August at the contractors

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 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: (November/December 2013): Design continues. 90% plans and request for plat prep is anticipated to be provided by mid-December. Utility mark-ups have been provided to complete the design.

Last Month: (October 2013): Design continues. Second public meeting was held September 24th. The project was well received by the public. 90% plans and plat prep to follow. Utility mark-ups are needed to complete the design. Still awaiting a utility meeting with AT&T for their final the mark-ups. (September 2013): Design continues. Second public meeting was held September 24th. 90% plans and plat prep to follow. (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

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: (Dec 2013) Proposed schedule has been approved. When MA is approved, a CCD to update schedule and set target dates/budget will be completed. The MA is not expected to be approved until the spring 2014.

Last Month: (Oct 2013) Proposed schedule has been approved. When MA is approved, a CCD to update schedule and set target dates/budget will be completed. (Sept 2013) Proposed schedule has been submitted to Program Manager and CDOT for review. (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

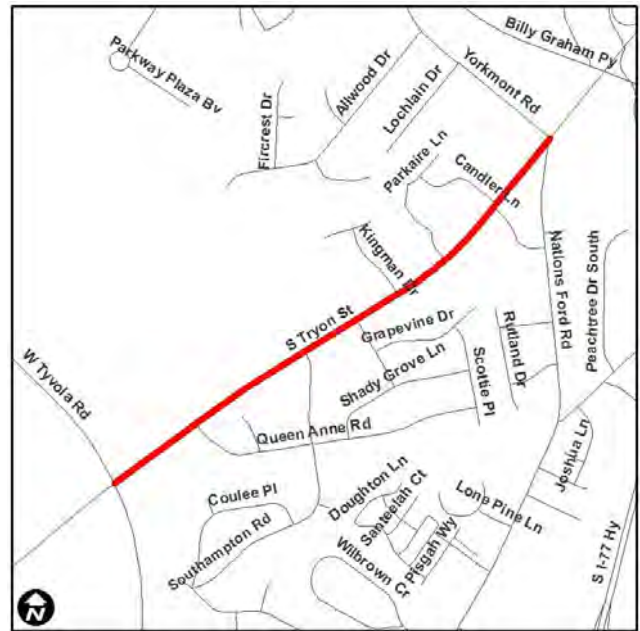
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 3rd 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: 90% Design/Real Estate

Current Status: (November/December 2013): The 90% plan review for the project was held October 29th. Review comments were received and will be incorporated for the design. NCDOT has agreed to review the project locally. Comments have been received from NCDOT and will be incorporated accordingly within the design. In order to assure real estate authorization, Real Estate will prepare the real estate estimate needed for State approval. Plans, real estate spreadsheet have been provided to real estate to begin the process. The request for platting will be issued to survey by mid-december.

Last Month: (October 2013): The NEPA documentation has been approved by the State and FHWA. 90% design plans have been distributed and the review meeting is scheduled for October 29th. Plat prep to follow after authorization has been granted by the State. Utility Coordinator to schedule a field meeting with Utilities to address any conflicts with the current design. (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.

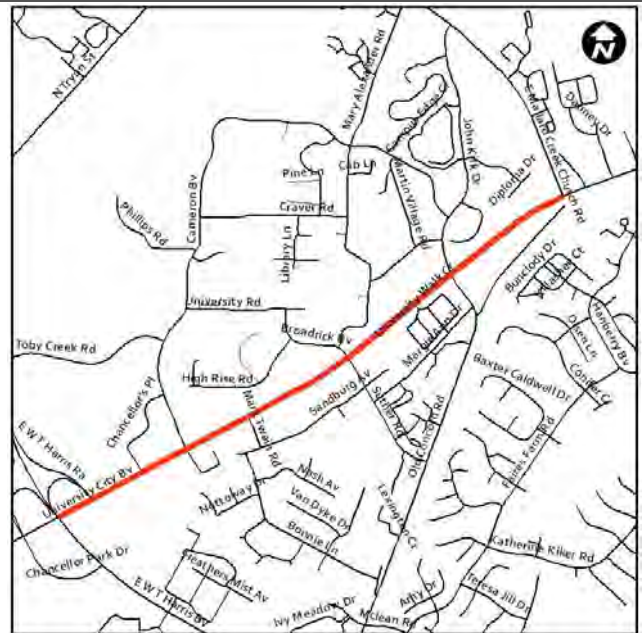
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,150,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: Start 1st Q 2014/End 4th Q 2014
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: October 2013 - Construction is currently 30% complete. Contractor to begin work on retaining walls.

Last Month: September 2013 - Construction is currently 21% complete.

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: Award construction contract. Start construction.

Current Status: December 2013- Project was re-bid with bid opening held on 12-10-13. Anticipate awarding construction contract at the 1-27-2013 Council meeting.

Last Month: October 2013- Project to be rebid with target Council date the 2nd meeting in January. Re-bid schedule from contracts will require change control.

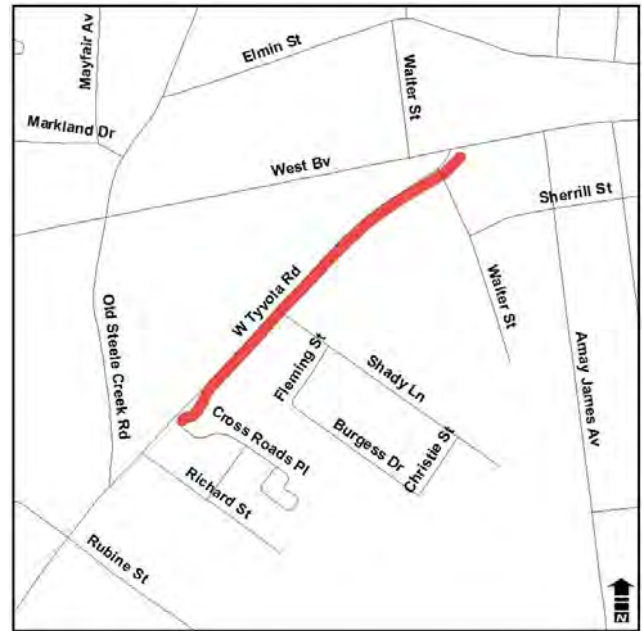
Cost & Schedule Commitments:

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:

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: Award construction contract. Start construction.

Current Status: December 2013 - This project is in the real estate phase. 11 of the 13 parcels have been acquired. The two remaining parcels were approved for condemnation at the 12-9-2013 Council meeting. Expect one of the two remaining property owners to sign; the other parcel will be condemned to obtain a clear title. The bid phase for this project (overlapping with real estate) has also started. Anticipate to award the construction contract at the 1-13-2014 Council meeting.

Last Month: October 2013 - This project is in real estate. 10 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. One parcel will be condemned for clear title; negotiating with the remaining 2 parcels. The bid phase for this project (overlapping with real estate) has also started.

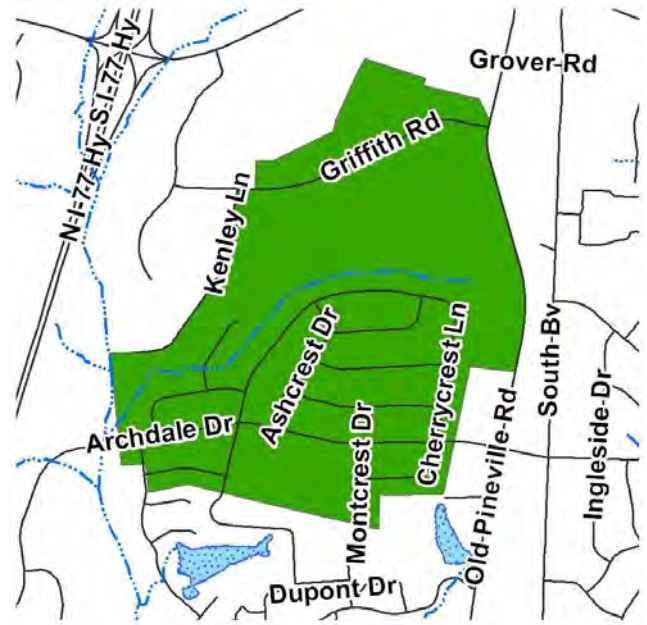
Cost & Schedule Commitments:

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

Current Status: November 2013: Scoping Design Fees. Planning Report Complete.

Last Month: October 2013: Public meeting October 29th .

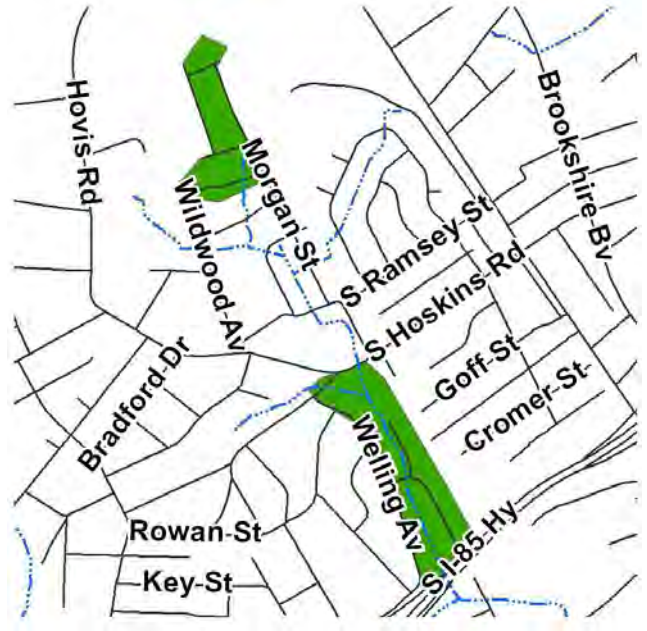
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: Start 1st Q 2014/End 1st Q 2016
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: December 2013 - Continue with RE Phase II.

Current Status: 12/13/13 - Post public meeting summary to project website and mail out mail out to residents. Continue RE Phase II.

Last Month: November 2013 - Started RE Services to start Phase II. Planned then held public meeting on Dec. 4th to kickoff RE Phase II. October 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. September 2013 - Work with HDR to revise drawings and plats. August 2013 - Review draft plats before resubmit to start RE Phase II. Review enviromental permit

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 4th Q 2014
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

**Vicinity Map**

Project Update:

Look Ahead: January 2014: Phase 1: Construction team to work toward NTP. Phase 2: Assist Construction Team as needed throughout Construction.

Current Status: November / December 2013: Phase 1: Construction team to work toward NTP. Phase 2: Construction team to hold PCC and work toward NTP.

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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$13,300,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2016

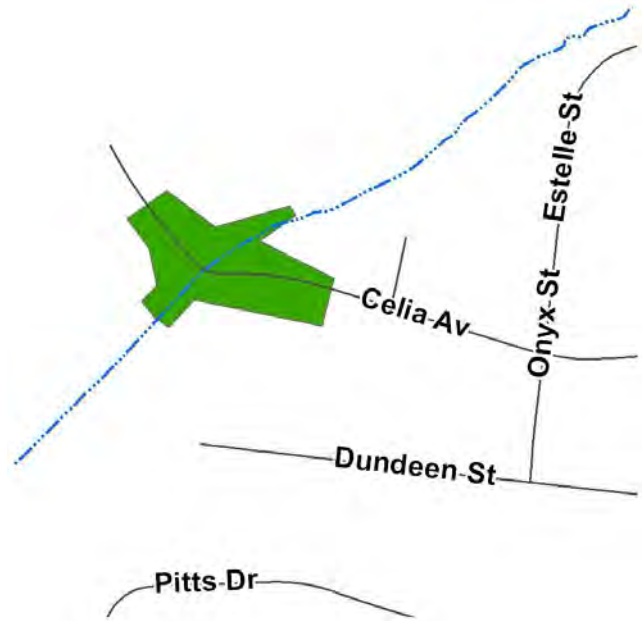
PROJECT STRATEGY REPORT

December 13, 2013

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.

Current Status: December 2013: Real Estate Phase II, easement and right-of-way acquisition, continues. The demolition process for the property obtained in Real Estate Phase I is complete.

Last Month: October 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 2nd 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: Project Team to continue scope and fee negotiations and PM to issue NTP on Design.

Current Status: Project Team to review Design Scope and Fees.

Last Month: Consultant to address comments on the additional survey and Memo.

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: Agreement on scope and fee for any out of scope items for Existing Conditions report and then resubmittal of report addressing concerns. Scheduling of a public meeting with the neighborhood to share results.

Current Status: December 2013 - Comments have been given to the consultant regarding their fees and effort for overland flow analysis. They are revising those efforts for resubmittal to us. 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: November 2013 - The consultant has refined their fees and effort for overland flow analysis. Those efforts and fees are being evaluated. 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. October 2013 - The consultant has resubmitted their fees and some additional effort for overland flow analysis. Those efforts and fees are being evaluated.

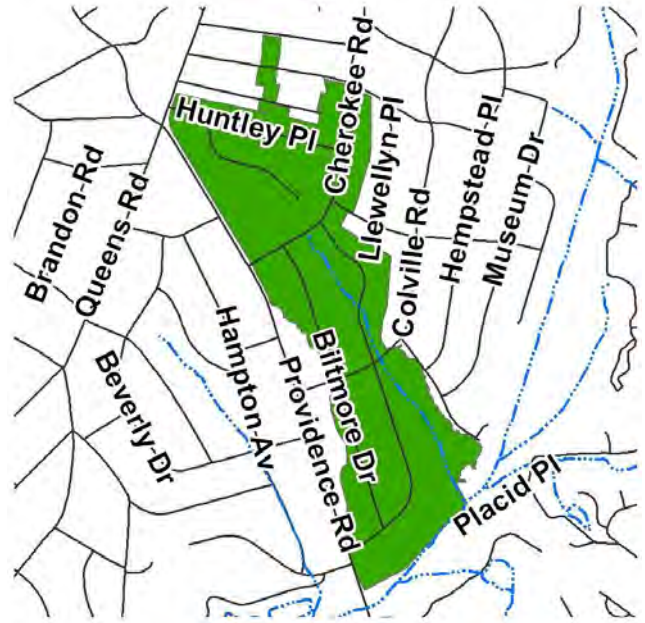
Cost & Schedule Commitments:

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: Project Manager to get bid package prepared.

Current Status: Project Manager to get all signatures on revised 100% plans.

Last Month: Consultant to resubmit 100% plans.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$13,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
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: December/13: Installation of 6 x 4 concrete culvert at Hazelton is underway with the street closed. Final work in the Fairheath area is being completed in the adjacent property back yards and side yards. Foundation protection measures are in place at Hazelton and the channel tie-in work behind Hazelton has begun. As of invoice approved 11/22/13 project is approximately 90% complete with time frame for the construction phase is 102 % expended.

Last Month: November/13: Installation of 6 x 4 concrete culvert upstream of Fairheath and through to Hazelton continues with culvert installation now at Hazelton. Final work in the Fairheath area is being completed in the adjacent property back yards and side yards. The street closure at Fairheath has been moved to Hazelton. Foundation protection measures are in place at Hazelton and the channel tie-in work behind Hazelton has begun. As of invoice approved 11/22/13 project is approximately 90% complete with time frame for the construction phase is 102 % expended. October/13:

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 1st Q 2014

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: December 2013 - Provide comments on Alternatives report and selected alternative to USI. Revise Alternatives Milestone and start on Selected Alternative Milestone.

Current Status: 12/13/2013 - Select preferred alternative.

Last Month: November 2013 - Select preferred alternative. October 2013 - Review draft alternatives report. 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.

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: 671-04-713
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.

**Vicinity Map****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.

Project Update:

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

Current Status: Consultant to continue to address comments from 95% review.

Last Month: Consultant to address comments from 95% review.

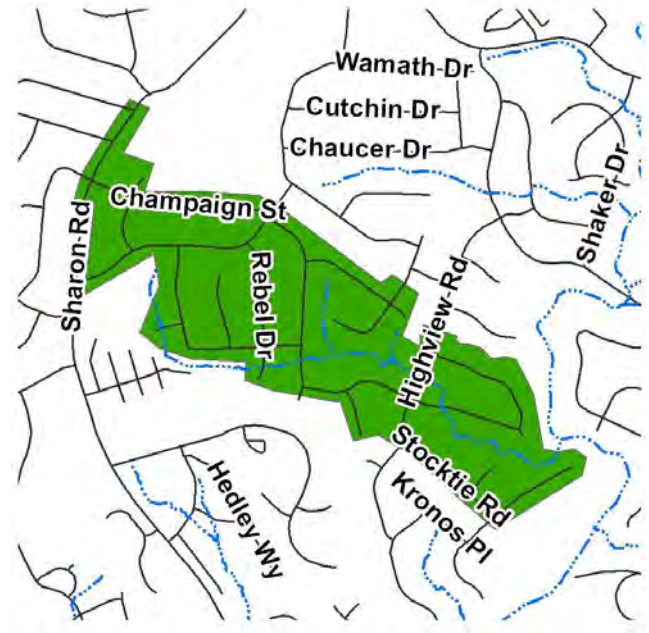
Cost & Schedule Commitments:

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 3rd 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: December 2013 - Finalize selected alternative milestone. Start scoping design phase.

Current Status: 12/13/13 - Prepare summary of public meeting. Mail one to the public and post one to the project website.

Last Month: November 2013 - Review preferred alternative report and plan then hold public meeting. October 2013 - Start planning second public meeting. AG starts working on final alternative analysis and report. 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.

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.

**Vicinity Map****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.

Project Update:

Look Ahead: 70% plan review and coordination with utilities through early 2014

Current Status: December 2013: 70% design plans due end of this month.

Last Month: October 2013: Design is on schedule. Met with CMU and met onsite with Duke Energy to initiate utility coordination prior to coordination with Carolinas Medical Center. September 2013: Design is on schedule. 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

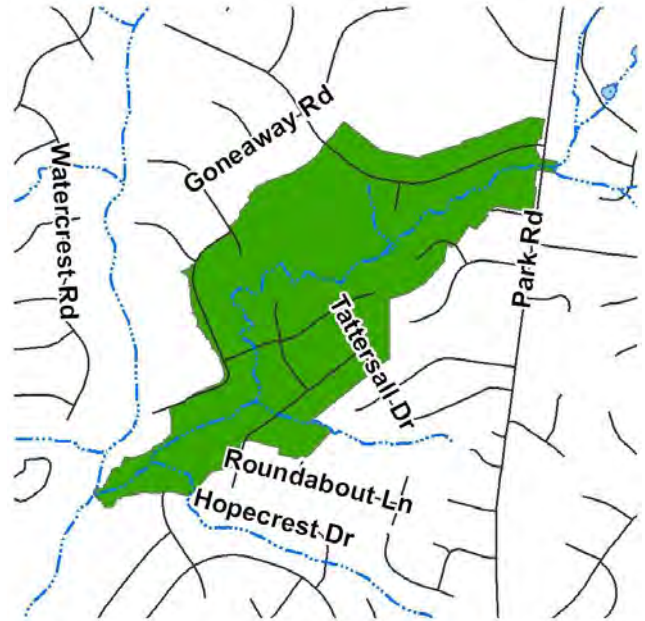
Cost & Schedule Commitments:

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: Project Manager to coordinate with upper management on project scope and finalize easement areas for plats to be prepared.

Current Status: Project Manager to compile all of comments on preliminary design plans.

Last Month: Project Team to review Preliminary design.

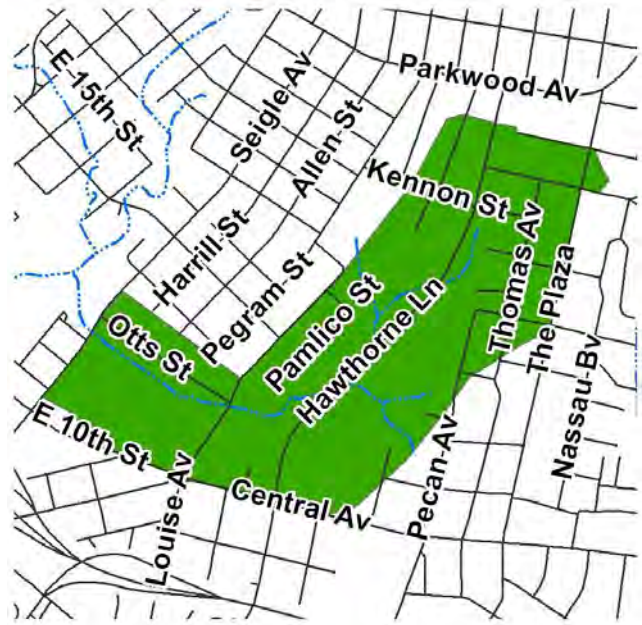
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,200,000.00
Planning Activities:
Design Activities: In-progress/End 4th 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: To Council for Award in February. To Construction in March or April 2014

Current Status: November 2013: Bid phase has started. Currently in Review by Contracts. The Advertise Date is Dec 19th and the Bid Date is January 21st, 2014.

Last Month: October 2013: Bid phase has started.

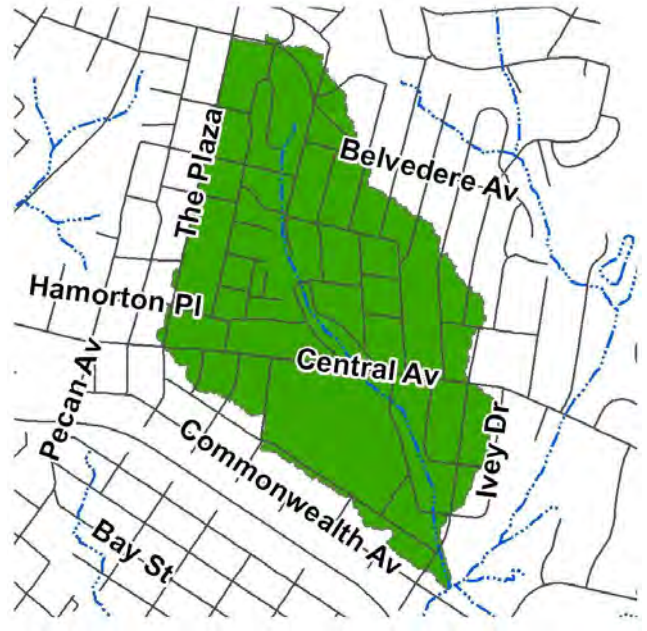
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$12,700,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th 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: January 2013: Continue to work with the consultant/residents during the design phase. Hold monthly status meetings and answer property owner questions. Plans are to hold the real estate public meeting in late Jan./early Feb.

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

Last Month: October 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. 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. 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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$20,000,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2015
Real Estate Activities: In-progress/End 3rd Q 2015
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: January 2013: Continue to coordinate with Real Estate as needed during the main real estate phase. Answer questions from real estate staff and property owners. Head towards the 95% submittal while wrapping up real estate.

Current Status: December 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: October 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. 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. 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.

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 4th 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: Nov/Dec 2013: Continue with Real Estate Phase and Easement Acquisition.

Last Month: October 2013: Continue with Real Estate Phase and Easement Acquisition.

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

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.

**Vicinity Map**

Project Update:

Look Ahead: 4th Quarter 2013: Submit bid package to Contracts in 1st Qtr 2014

Current Status: December 2013: All easements have been signed. Three acquisitions to go to Council for approval. Erosion and Sediment Control was submitted in November. Met with NCDOT concerning Encroachment Application comments and preparing a resubmittal. 98% bid documents in for review.

Last Month: October 2013: Real Estate Phase continues. 3 condemnations on November 11th Council Agenda. Woolpert preparing Erosion and Sediment Control for submission, responding to NCDOT Encroachment Application comments, and preparing 98% bid documents.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$14,700,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: Start 1st Q 2014/End 3rd Q 2014
Construction Activities: Start 4th Q 2015/End 4th Q 2017

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: December 2013: Waiting for Phase 1 to go to bid prior to moving forward with this phase.

Last Month: October 2013: 95% plans submitted and out for review. Waiting for Phase 1 to go to bid prior to moving forward with this phase.

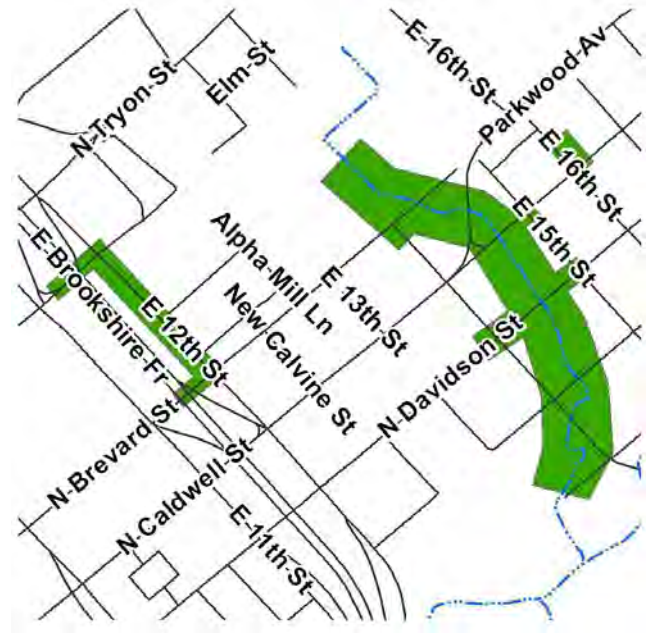
Cost & Schedule Commitments:

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: Proceed through bid phase.

Current Status: Dec 2013: Real Estate condemnations underway, plans complete and bid phase started

Last Month: Oct 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: Complete
Real Estate Activities: In-progress/End 1st Q 2014
Bid Phase Activities: In-progress/End 2nd Q 2014
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: Consultant to start City Design Standards

Current Status: November 2013: Existing Condition under review. Consultant to begin City Design Standards.

Last Month: October 2013: Consultant submitting Existing Condition for review by end of October. September 2013: Consultant working on Existing Condition. Submittal due from consultant moved to early October 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

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: Complete 95% review and comment. Change Control in review to move Bid Phase.

Current Status: November 2013: 95% plans submitted by end of November, begin review. Change Control in with management

Last Month: October 2013: (Status should have read: Consultant working on 95% plans expected beginning of November. Change Control drafted, in with management) 99% review complete. 100% plan submittal currently expected beginning of November. Change Control drafted, in with management. September 2013: (Status should have read: Consultant working on 95% plans expected beginning of November. Change Control being drafted to move Bid Phase.) 99% plans under review. 100% plan submittal currently expected beginning of November. Change Control being drafted to move

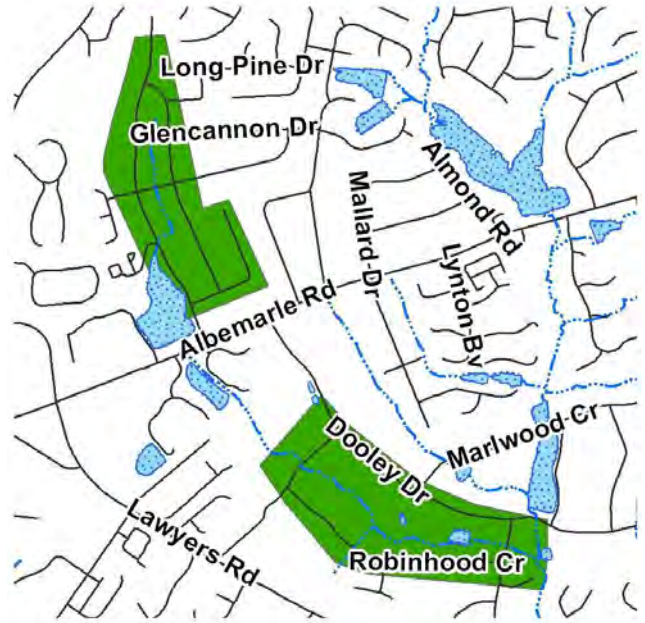
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$6,900,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities: Complete
Bid Phase Activities: TBD
Construction Activities: Start 1st 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: Dec 2013: Construction 30% complete.

Last Month: Oct 2013: Construction 21% complete. Delayed AT&T and Duke relocations are slowing project.

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 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: Continue with Bid Phase

Current Status: November 2013: Completed 100% Final Plans and sign-off from stakeholders. Start Bid Phase end of November early December

Last Month: October 2013: Consultant to submit 100% Final Plans and ask for sign-off from stakeholders by end of October.
September 2013: Reviewing 99% plans. Prepare for 100% and sign-off 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: In-progress/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 start planting plan along the channel stabilization beside Bar Harbor Lane, and continue pipe installation along Prince George up to Dumbarton.

Current Status: December 2013: Grading work has been completed along the channel stabilization portion of the system located between Bar Harbor Lane and Prince George Road. The City and contractor are working with the property owner on the re-vegetation plan. Paving along Bar Harbor and Shillington has also been completed from culvert installation. The contractor is currently working on the system along Prince George up to Dumbarton. Construction is on schedule.

Last Month: October 2013: The contractor has finished installing new box culverts along Shillington Place, which included a moving closure down Shillington. Work has started 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. 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

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.

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.

**Vicinity Map**

Project Update:

Look Ahead: Finilize Selected Alternative milestone report and begin design contract negotiation

Current Status: Nov/Dec 2013 - Reviewed Selected Alternative milestone report and provided comments to consultant. Held 2nd Public Meeting to present Recomend Alternative Improvements.

Last Month: October 2013 - Distribute and review Selected Alternative milestone report..

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: Construction to continue, work is about 65% complete.

Current Status: Work primarily on NIP portion of project.

Last Month: Finish repair work. Construction continues on flood control work.

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

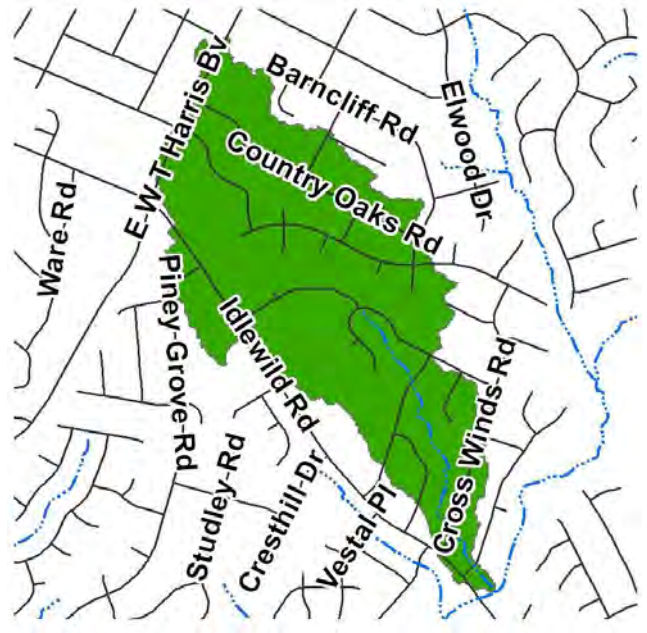
PROJECT STRATEGY REPORT

December 13, 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: Project manager to prepare bid package and submit to bid.

Current Status: Project Manager to obtain one remaining signature for the cover sheet and submit project to bid.

Last Month: Consultant to resubmit 100% plans.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$7,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: Complete
Bid Phase Activities: Start 1st Q 2014/End 3rd Q 2014
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: Finalize survey submittal. Consultant working on Existing Conditions report.

Current Status: Nov/Dec 2013 Fee negotiations with consultant; Issued NTP for remaining planning tasks.

Last Month: October 2013 Review draft survey submittal. Fee negotiations with consultant for remaining planning tasks.

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: December 2013 - Continue negotiating scope and fees for alternatives milestone.

Current Status: 12/13/2013 - Scope and negotiate alternatives milestone and workshop.

Last Month: November 2013 - Review existing conditions analysis, gather survey, and model additional areas added after viewing pipe video. Scope and negotiate alternatives milestone and workshop. October 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. September 2013 - Start existing conditions

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: November 2013: The consultant is working on Planning Phase. Expecting a Submittal in December.

Last Month: October 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: Set BSC/IPDS updates after NTP. Construction of the M-Team work.

Current Status: December 2013 - A Notice to Proceed for Design has been issued to STV to begin design efforts. Maintenance work is being coordinated by the construction group to construct. Duke Energy has completed relocations for that effort and AT&T and Time Warner are coordinating their relocations now.

Last Month: November 2013 - Scoping of Design is being finalized. Maintenance work is being coordinated by the construction group to construct. Duke Energy is performing relocations for that effort. October 2013 - Scoping of Design has begun with fees from STV delivered and two rounds of review comments completed. Meetings with STV have been held. 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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: Start 4th Q 2013/End 2nd 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

**Vicinity Map****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.

Project Update:

Look Ahead: January 2014- Recieve and review design fees.

Current Status: December 2013- Receive and review finalized selected alternative report from consultant. Scope Design Fee's with consultant.

Last Month: November 2013- Hold public meeting on November 12 to present the selected alt to the public. October 2013- Review report for selected alt. Make any neccessary 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. September 2013- Recieve and review finalized Alt report and selected alt report from consultant. 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

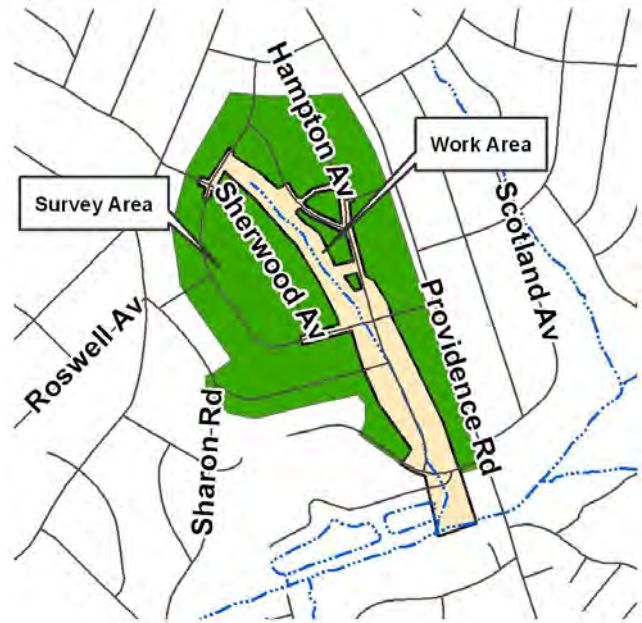
Cost & Schedule Commitments:

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: 671-10-015
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: November 2013- .Preliminary plans will be re- submitted and re-reviewed by project team. Prelim Platts have been submitted and Final platts are expected the end of December

Last Month: October 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

December 13, 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 first quarter- still working on fee approvals- trying to save money with the alt's

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

Last Month: October 2013 We are approving Alt Analysis fees.

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: 671-12-004
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.

Project Summary:

Project is located within the Lincoln Heights Neighborhood. Project limits are bounded by Interstate 85 to the North, Interstate 77 to the East, Russell Avenue to the South, and Beatties Ford Road to the West. Improvements to the existing infrastructure are needed to prevent flooding and spread issues.

**Vicinity Map**

Project Update:

Look Ahead: Continue Survey and Existing Conditions Phase.

Current Status: December 2013: Consultant is currently working on survey and existing conditions phase

Last Month: November 2013: Project Plan approved; Consultant is currently working on survey phase. October 2013: Complete scoping & issued NTP for survey on October 16th; draft project plan has been submitted for review. 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. 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).

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 3rd 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.

**Vicinity Map****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.

Project Update:

Look Ahead: Continue city design phase

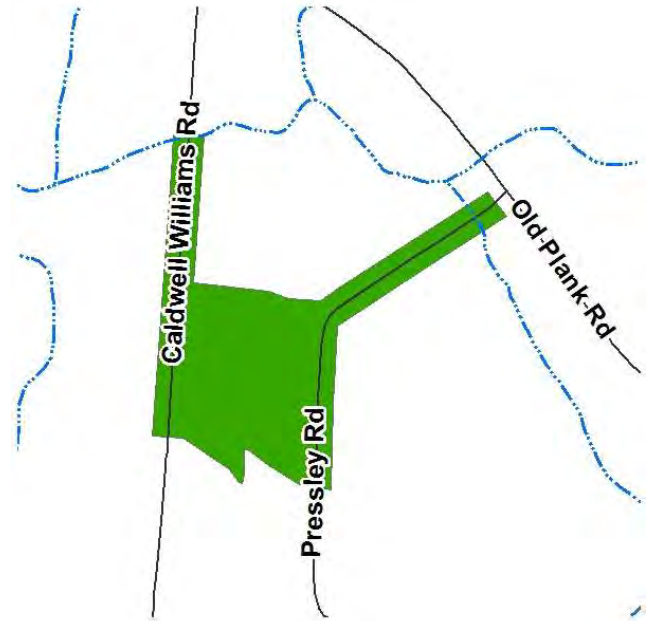
Current Status: December 2013: Consultant is finalizing the existing conditions report and will be progressing in to the city design phase.

Last Month: November 2013: Continue survey and existing conditions phase. October 2013: Continue survey and existing conditions phase. September 2013: Continue survey and existing conditions phase. 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

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.



Vicinity Map

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.

Project Update:

Look Ahead: Continue with Bid Phase

Current Status: November 2013: Started Bid Phase end of October.

Last Month: October 2013: 100% Final Plans in for sign-off, plan to start bid by end of October. September 2013: 99% Plan review scheduled for early October. 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

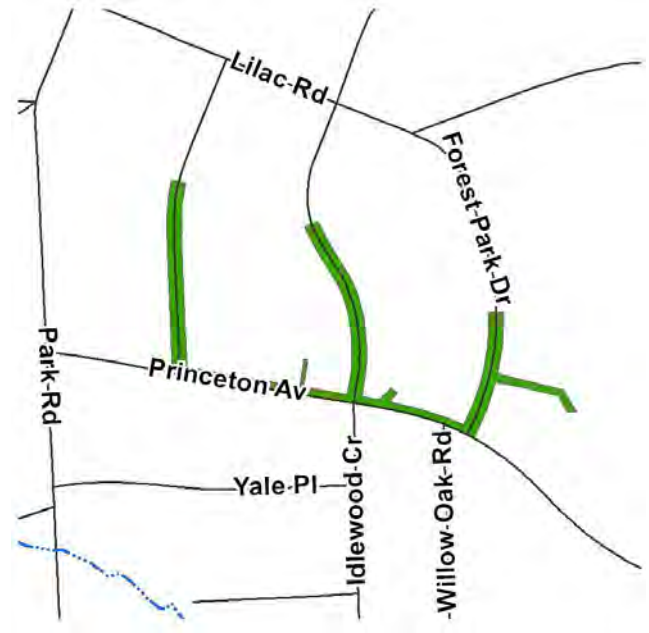
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,100,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/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: Continue working with Real Estate to obtain easements. Coordinate with Consultant, as necessary, through the easement acquisition process.

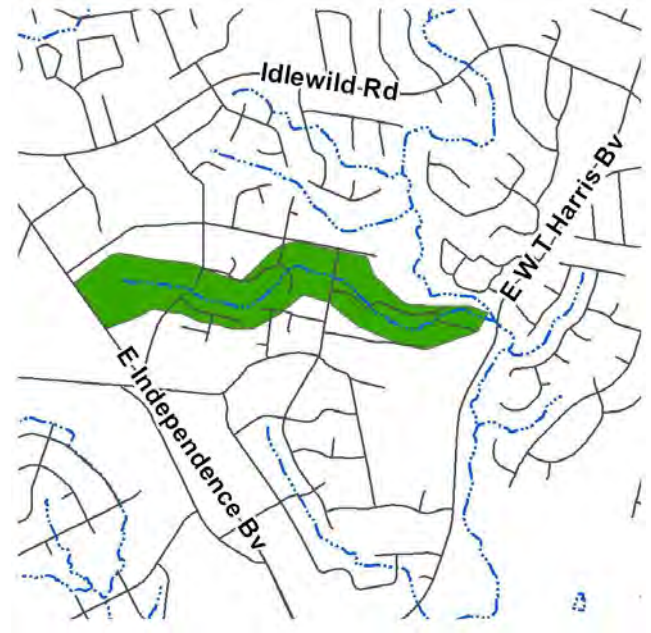
Current Status: December 2013: Continue working with Real Estate to obtain easements. Coordinate with Consultant, as necessary, through the easement acquisition process.

Last Month: October 2013. The Real Estate phase has begun.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,200,000.00
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 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 last until 4th quarter 2014.

Current Status: December 2013 - Construction.

Last Month: October 2013 - Construction NTP October 17, 2013. 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. 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 -

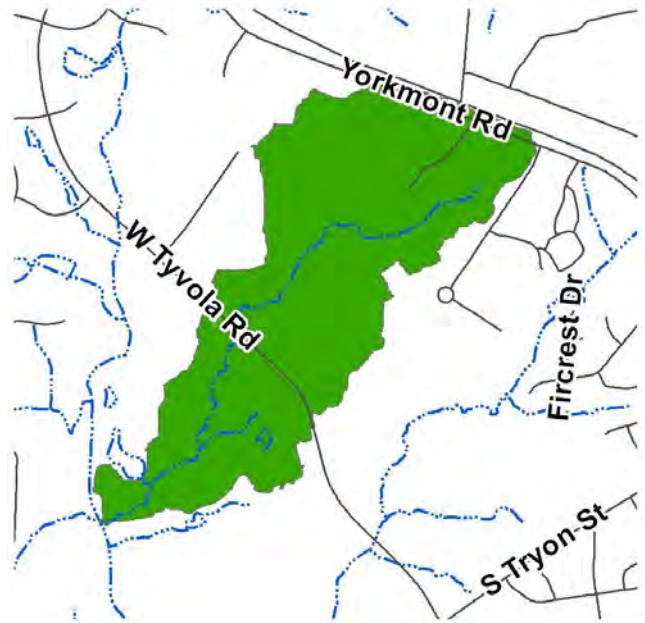
Cost & Schedule Commitments:

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

Project Number: 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: January 2013: Continue to work with the Real Estate department and the consultant to answer any questions during the real estate (and design) phase. Easement efforts are still moving forward.

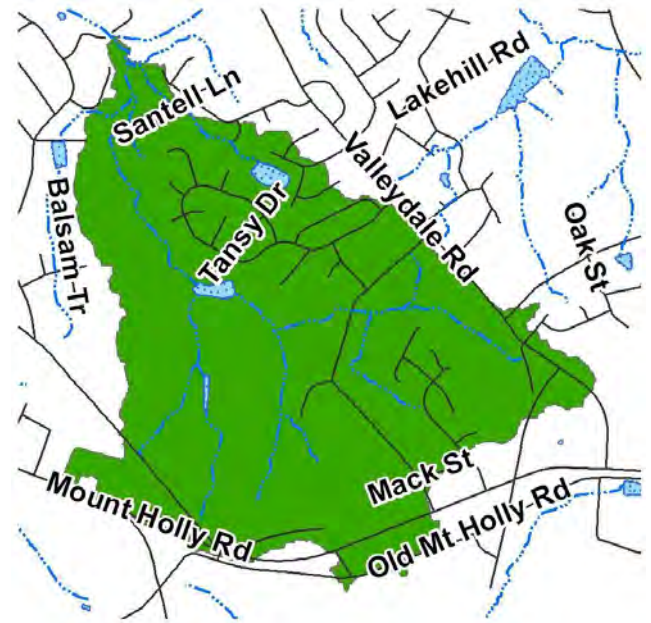
Current Status: December 2013: Continue to work with the Real Estate department and the consultant to answer any questions during the real estate phase. Restart of design is underway. SSMP submittal is pending.

Last Month: October 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. Restart of design is underway. 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. 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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: Start 1st Q 2014/End 4th Q 2015
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

**Vicinity Map****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.

Project Update:

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

Current Status: December 2013: Communication with Colonial Pipeline is taking place in terms of any tax implications of donation of the easement in this calendar year since the State of North Carolina credit for property donations will expire after this year. Staking for the original larger conservation easement is being ordered to facilitate an appraisal being completed.

Last Month: November 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. Following the meeting with Colonial in October customer special provisions have been drafted and given to Colonial for consideration.
October 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. A meeting with Colonial

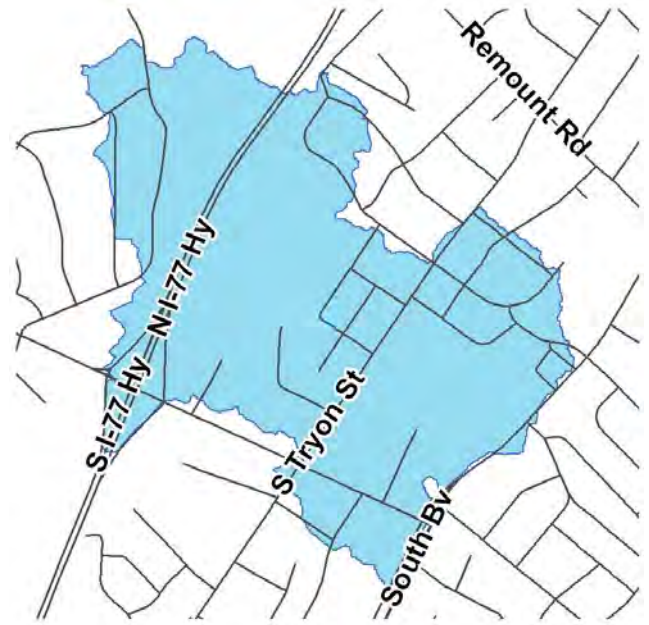
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2015
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: TBD
Construction Activities: TBD

PROJECT STRATEGY REPORT

December 13, 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: November 2013: Bid Phase has Started. Review ends Dec 6th, Advertise Dec 10th and Bid Date of January 9, 2014

Last Month: October 2013- Bid Phase has Started.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Complete
 Design Activities: Complete
 Real Estate Activities: Complete
 Bid Phase Activities: In-progress/End 2nd 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: Continue with survey preparation for plats and real estate report

Current Status: Nov/Dec 2013 - Consultant working on survey for plats and real estate report was on hold pending contract amendment.

Last Month: October 2013 - Consultant working on survey for plats and real estate report September 2013 - Review final feasibility report. Meet internally to discuss projects' feasibility and path forward 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

Cost & Schedule Commitments:

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

PROJECT STRATEGY REPORT

December 13, 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 Update:

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

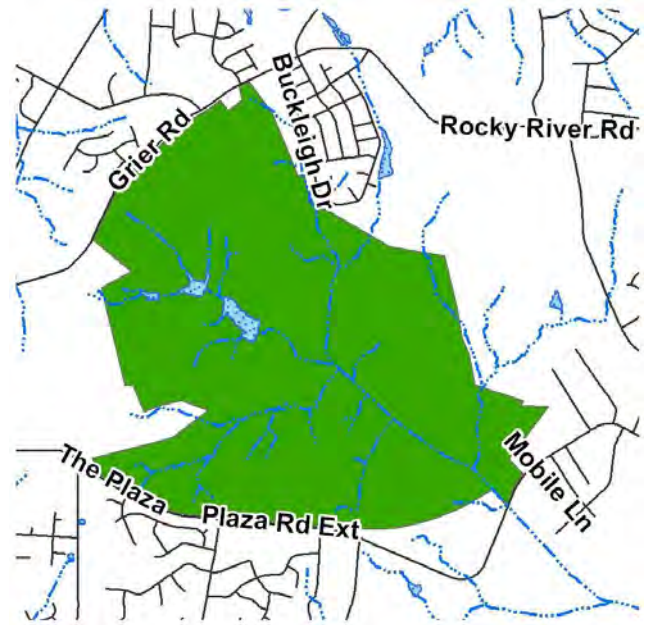
Current Status: December 2013: Continue working with Real Estate to obtain easements. Coordinate with Consultant, as necessary, through the easement acquisition process.

Last Month: October 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: Start 1st Q 2014/End 4th Q 2015
Design Activities: TBD
Real Estate Activities:
Bid Phase Activities: TBD
Construction Activities: TBD

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: January 2013: Plan to send the NTP for the start of survey (leaf off) and design. GMP contract work still ahead.

Current Status: December 2013: Wildlands Engineering was selected as the design/build firm (from the short listed 3 firms). Contract/scoping efforts are underway.

Last Month: October 2013: Work with the team to work on real estate questions/issues. Proposals are in and being reviewed by staff. 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. 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

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

December 13, 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: 4th Quarter 2013: 98% Plans to be submitted 1st Quarter 2014.

Current Status: December 2013: Real Estate phase continues. First Ward Apartment easement is being signed. Real Estate continues to work with downstream property owner. USI addressing 95% plan review comments and preparing 98% plan submission. Erosion & Sediment Control Permit application was submitted in November.

Last Month: October 2013: Real Estate is ongoing for the 2 parcels. Compiling 95% plan review comments and working with USI to address

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: Start 1st Q 2014/End 3rd Q 2014
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: 4th Quarter 2013 - None.

Current Status: December 2013: Streetcar and Trade Street Construction continues (see Streetcar for more detail). Construction of drainage is basically complete. Pipe lining is complete.

Last Month: October 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.

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: January 2014: Assist Contracts through Bid Phase.

Current Status: November/December 2013: Assist Contracts through Bid Phase.

Last Month: October 2013: Continue working toward 100% Design Submittal and obtain mylar signatures

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,250,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/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: Plantings scheduled for winter season. Warranty phase until October 8.

Current Status: December 2013 - Warranty phase. Schedule winter plantings.

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

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 4th Q 2013

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



Vicinity Map

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.

Project Update:

Look Ahead: Coming up: Final Inspection and Punch list generation. Final touch ups

Current Status: (December 2013) Site 10 is nearing completion. A prefinal has been held with CMS property management representatives to look at completed site. A final inspection will be scheduled to generate a punch list for project completion. As of invoice approved 12/9/13, project is approximately 83% complete with time frame for the construction phase 107% expended.

Last Month: (November 2013) Site 1 and Site 3 is complete. Approval for stream stabilization at Site 10 has been given and the contractor has installed the vegetated bank wrapped earth stabilization. Construction for the rest of the bioretention components at Site 10 continues. As of invoice approved 11/13/13, project is approximately 77% complete with time frame for the construction phase 99% expended. (October 2013) Site 3 construction is nearing completion. Site 1 BMP installation is on-going and also near completion. Construction at Site 10 is awaiting permitting and approval for the

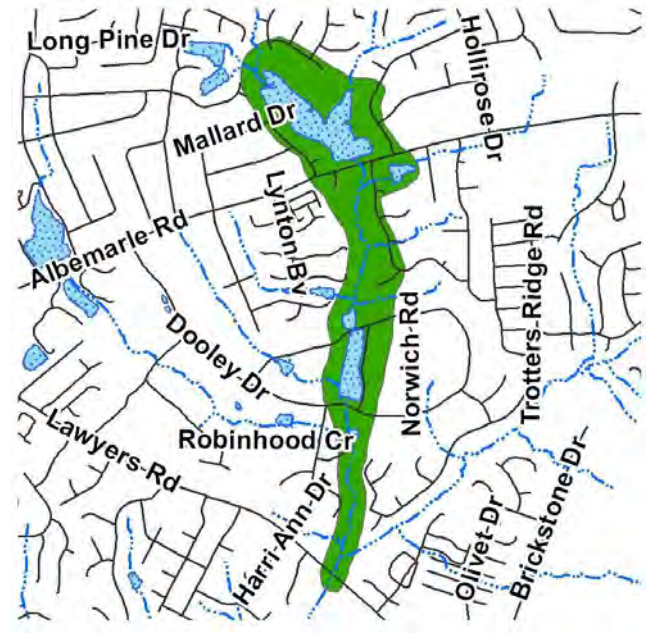
Cost & Schedule Commitments:

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: Plats being generated to start negotiations with property owners in 1st quarter 2014.

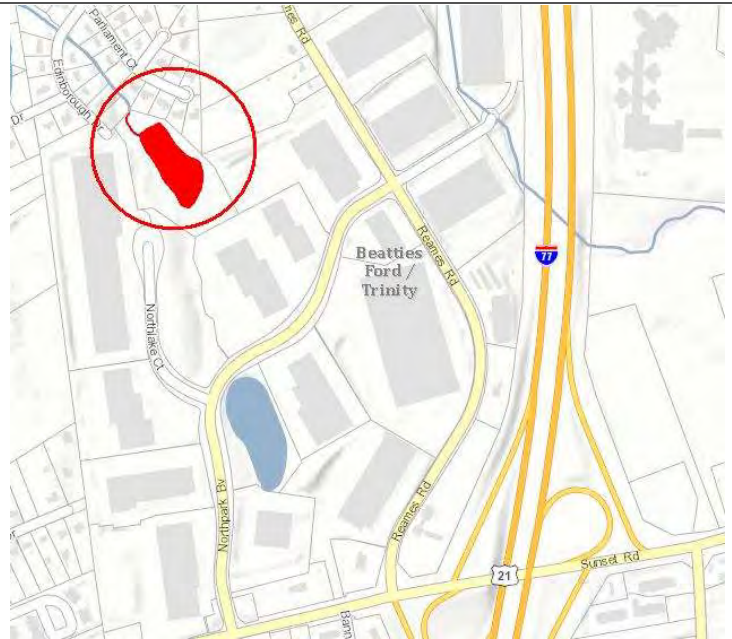
Current Status: December 2013 - Public meeting held in early December and Dewberry currently working on plats to present to property owners during easement acquisition.

Last Month: October 2013 - Alt analysis and conceptual design was submitted by Dewberry on October 11 and is currently being reviewed by City staff. September 2013 - Alt analysis and conceptual design continues. 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

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.



Vicinity Map

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.

Project Update:

Look Ahead: January 2014: Continue Assisting Contracts through Bid Phase.

Current Status: November/December 2013: Assist Contracts through Bid Phase.

Last Month: October, 2013: Address 100% Comments and obtain mylar signatures. Work towards start of Bid Phase.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,000,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: In-progress/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 is failing) 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 1st and 1 year rainfall runoff volume.

**Vicinity Map**

Project Update:

Look Ahead: January 2012: Work with the consultant and client to proceed further with design (towards 99% plans). Help the RE department thru the easement phase (6 parcels).

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

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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$800,000.00
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 2nd Q 2015/End 1st Q 2016

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: Continue construction.

Current Status: December 2013: Construction has begun.

Last Month: October 2013: The construction contract has been executed. The pre-construction meeting is being scheduled.

Cost & Schedule Commitments:

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

PROJECT STRATEGY REPORT

December 13, 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

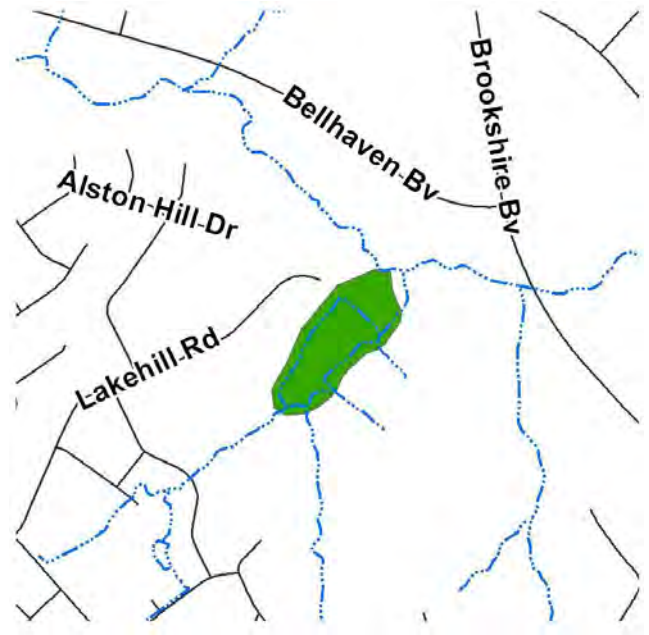
PROJECT STRATEGY REPORT

December 13, 2013

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: Project is in Bid until 2nd quarter 2014

Current Status: December 2013: Project is in Bid.

Last Month: October 2013: Continued negotiation with downstream property owner. Condemnation scheduled for October 28 City Council Meeting. Once plans have been signed off by Division Manager, project will be submitted to Bid Phase.
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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,600,000.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: Complete
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: TBD
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

**Vicinity Map**

Project Update:

Look Ahead: Complete environmental document and begin preparation for design.

Current Status: December 2013: Consultant is continuing planning work on bridge project and is working toward completing the environmental document. The initial PCE draft has been submitted to State for review.

Last Month: October 2013: Consultant is continuing planning work on bridge project and is working toward completing the environmental document. Initial PCE draft has been submitted to State for review.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 4th Q 2013
Design Activities: Start 1st Q 2014/End 1st 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: December 2013: Consultant has submitted the environmental document to the State for review.

Last Month: October 2013: Consultant has begun planning work on bridge project and is working toward completing the environmental document. A public meeting was held on 10/15 that was attended by approximately 20 residents.

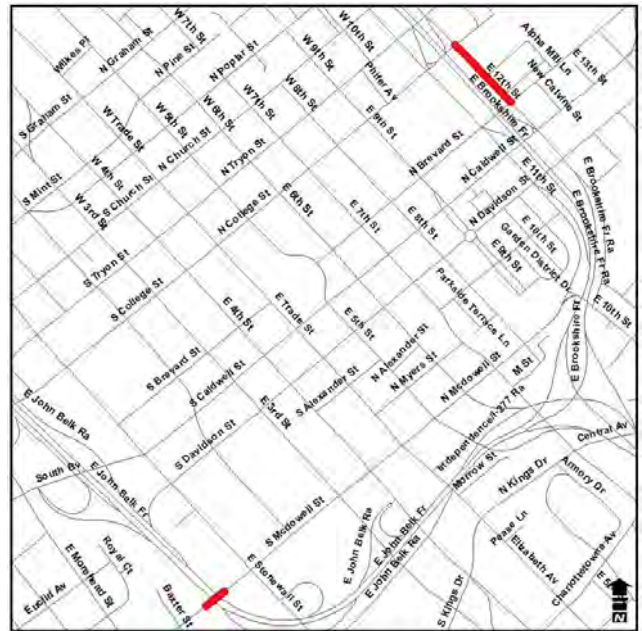
Cost & Schedule Commitments:

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: 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: Combine all locations into one sheet set & prepare Bid Phase packet. (Nov 2013)

Current Status: Prepare NCDOT encroachment agreement & hold final sign-off meeting (Oct 2013)

Last Month: Address final comments & update plans(Sept 2013)

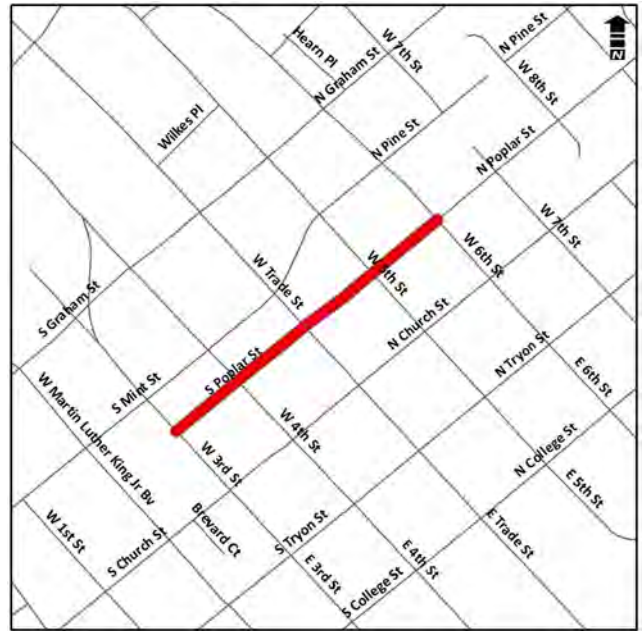
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2013
Real Estate Activities:
Bid Phase Activities: Start 1st Q 2014/End 3rd Q 2014
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: Complete Construction

Current Status: December 2013: Construction continues.

Last Month: November, 2013: Construction Phase

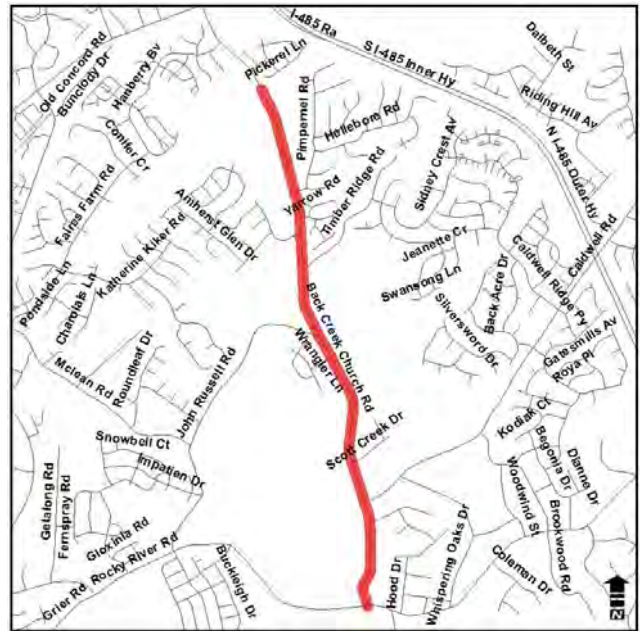
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,050,000.00
 Planning Activities: Complete
 Design Activities: Complete
Real Estate Activities:
 Bid Phase Activities: Complete
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: December 13 - Right of way plat preparation is underway and is scheduled to be completed by early January.

Last Month: October 2013- The Department Heads rejected a project team proposal to add a left turn lane on Rocky River Road at Back Creek Church Road due to other priorities. The consultant will submit plans and CAD file to begin real estate plats preparation in the next few weeks. September 2013- The consultant is finalizing the right of way plans to be sent to City Surveying for Plat preparation. 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

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: 512-07-011
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: Nov. 2013 Construction for next 9 months

Current Status: Nov. 2013 Construction Started

Last Month: Oct. 2013 Contract Execute PCC held

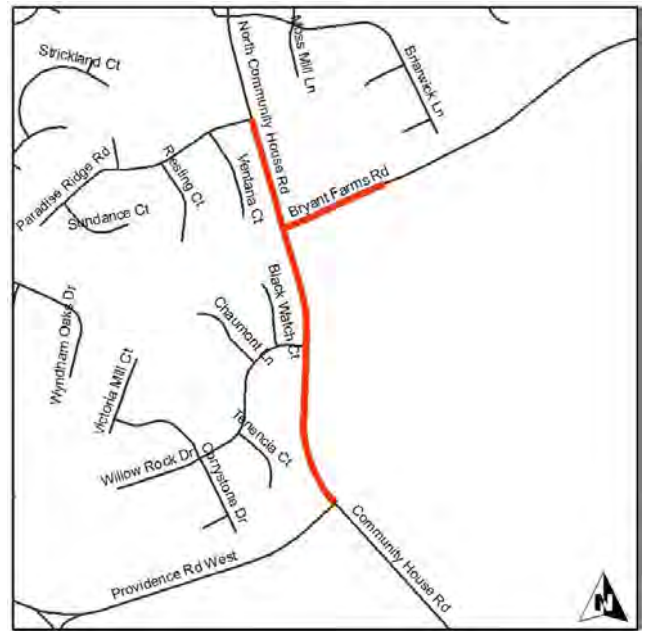
Cost & Schedule Commitments:

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

Project Number: 512-13-015
Project Title: Community H Ph2 (Providence Rd West to Paradise Ridge)
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: November 2013 Complete plats and start Real Estate in January

Current Status: Nov. 2013 90% Plans Complete Plats Underway for 5 parcels MOU with County signed/approved regarding pending donation on two County parcels

Last Month: August 2013: 90% Plans submitted

Cost & Schedule Commitments:

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

Planning Activities:

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

Real Estate Activities: Start 1st Q 2014/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: December 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements; 65% of the 57 parcels have been signed. The consultant is preparing the design plans for sign-off.

Last Month: November 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements; 60% of the 57 parcels have been signed.

Cost & Schedule Commitments:

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

PROJECT STRATEGY REPORT

December 13, 2013

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 1st Q 2014.

Current Status: December 2013: The real estate agents are finalizing aquisition for the remaining parcels. Final plans and bid documents are being prepared for the bid submittal.

Last Month: November 2013: The real estate agents are continuing to meet and negotiate with property owners for signed agreements, 90% of 85 parcels have complete agreements. Fannie Mae sold parcel 46 and Real Estate obtained a signed agreement from the new property owners. The consultant will now work on submitting bid documents for the project. A CCD will be submitted to update the schedule.

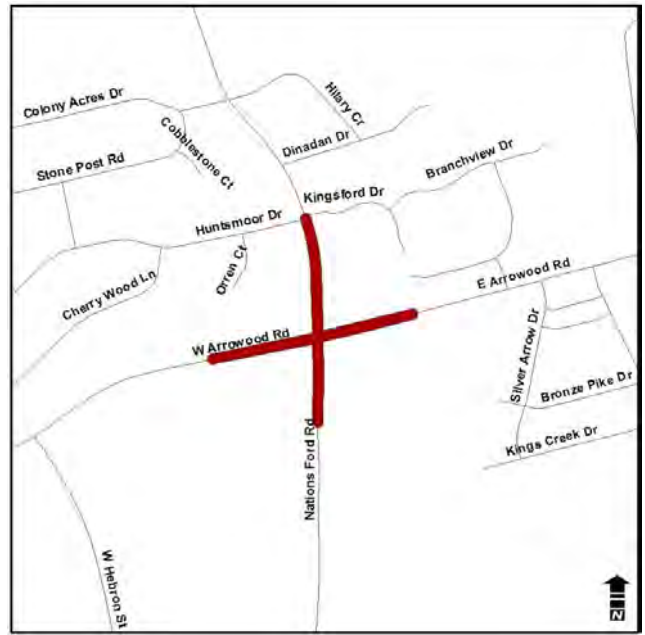
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,200,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: Start 1st Q 2014/End 3rd Q 2014
Construction Activities: Start 1st Q 2015/End 3rd Q 2016

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: Bid Phase is expected to start 3rd Quarter 2014

Current Status: December 2013: Real Estate Phase is underway Coordinating with CMUD's Proposed 24" Water Main project and Arrowood Rd & Nations Ford Rd Intersection Improvement project. Coordinating with Sam's Mart new development within the project limits.

Last Month: October 2013: Real Estate Phase is underway Coordinating with CMUD's Proposed 24" Water Main project and Arrowood Rd & Nations Ford Rd Intersection Improvement project. Coordinating with Sam's Mart new development within the project limits.

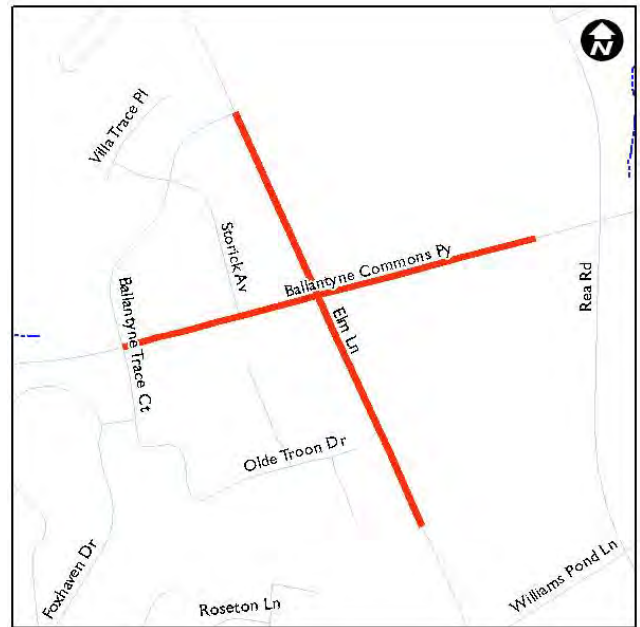
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,400,000.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: In-progress/End 1st Q 2015
Bid Phase Activities: TBD
Construction Activities: Start 3rd 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: Complete construction phase 1st quarter 2015.

Current Status: December 2013: Phase I Construction is underway and is expected to continue until the beginning of January. Phase I Construction includes installing new curb and gutter, storm drainage and paving for the new left turn lanes.

Last Month: November 2013: Construction began November 11. The first phase of construction will include erosion control, grading, median widening and curb and gutter on Ballantyne Commons Parkway between Rea Road and Elm Lane. The lane shift necessary to install these improvements occurred November 18.

Cost & Schedule Commitments:

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

Project Number: 512-08-008
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: November 2013 (Construction) - The newly constructed Oakdale Road and Hovis Road intersections are now open up to traffic. Final inspection was conducted on Nov. 5th. Project is 100% complete.

Last Month: October 2013 (Construction) - The newly constructed Oakdale Road and Hovis Road intersections are now open up to traffic. The final layer of surface asphalt has been installed on both roads and along Brookshire Boulevard. The multi-use path has been completed. Final inspection is scheduled for Nov. 5th. Project is 95% 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: Completed

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 TBD start date per Change Control Document 5.

Current Status: December 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 has been set as TBD, via Change Control Document 5, until Duke submits the mark ups.

Last Month: November 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 has been set as TBD, via Change Control Document 5, until Duke submits the mark ups.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$8,100,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2015
Real Estate Activities: TBD
Bid Phase Activities: TBD
Construction Activities: Start 2nd Q 2016/End 4th Q 2016

Project Number: 512-08-010
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: Complete landscaping 1st Quarter 2014.

Current Status: December 2013: The landscaping implementation is expected to begin the beginning of January.

Last Month: November 2013: The landscaping plans have been signed off by the project team and will proceed towards implementation.

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: Completed

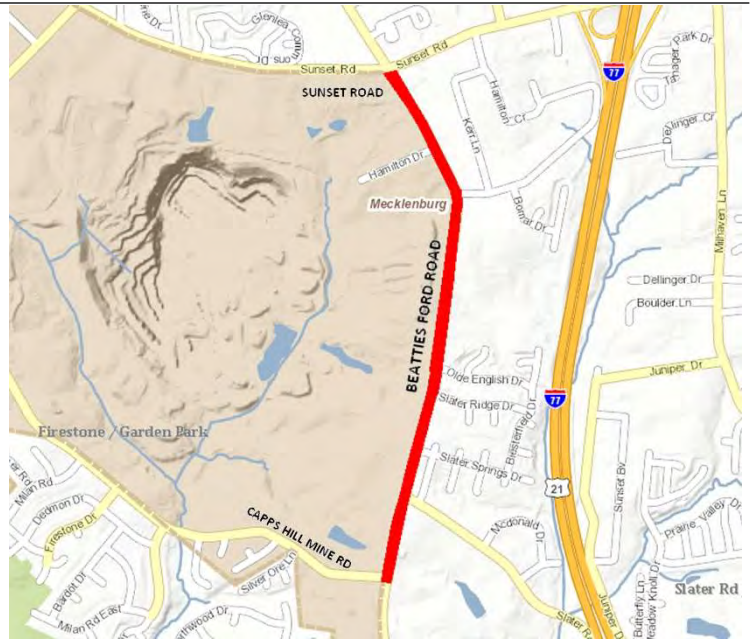
PROJECT STRATEGY REPORT

December 13, 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 November and be completed by late January.

Current Status: December 13 - Advanced grading work has started on the Martin Marietta properties. This work is in preparation for overhead utility relocation which scheduled to start in late February.

Last Month: October 2013- The last real estate parcels for the project are on the November 11 Councils agenda for approval. Pre-construction meeting for the advanced grading work is set for November 5, the contract duration is 60 days. 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. August 2013- Advanced Grading contract is on the September 23rd Council

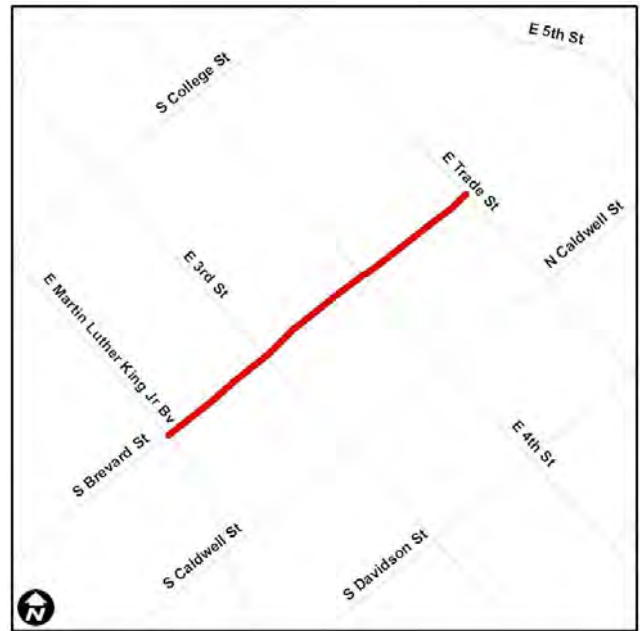
Cost & Schedule Commitments:

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

**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.

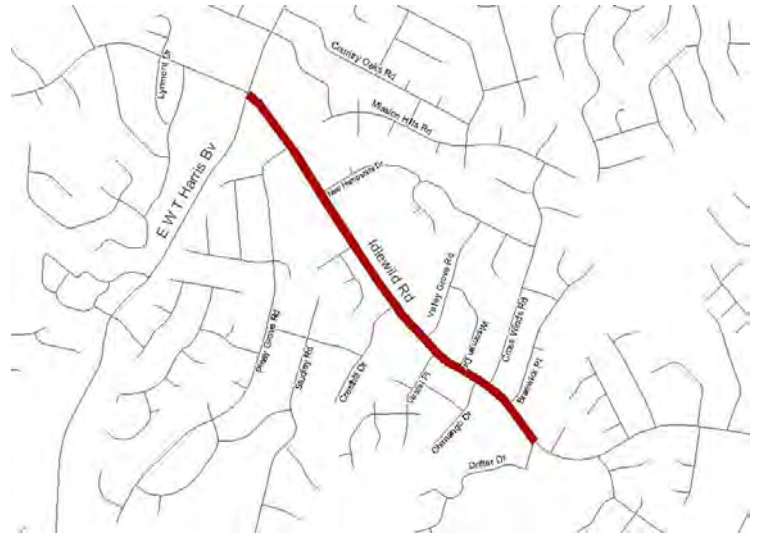
Current Status: December 2013: Project is on hold pending future funding.

Last Month: October 2013: Project is on hold pending future funding.

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: December 2013: Construction work continues and is approximately 48% complete. Utility relocation is ongoing.

Last Month: October 2013: Construction work continues and is approximately 45% complete. Utility relocation is ongoing.

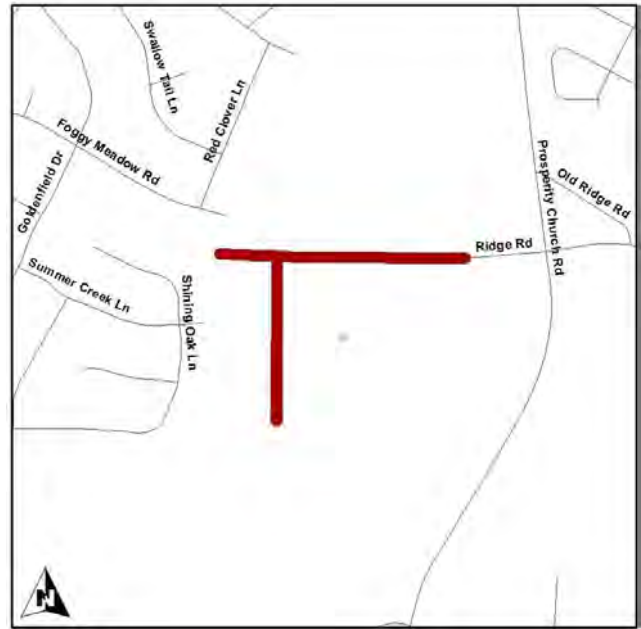
Cost & Schedule Commitments:

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: Make offers to POs when appraisals are complete and approved by State.

Current Status: December 2013 - Design work is complete. The last appraisal is being reviewed by the State. One parcel has signed and 3 additional parcels are on the January 13th Council agenda for condemnation. HDR is continuing to work with the City on the permitting for the stream and wetland impacts for phases A & B.

Last Month: October 2013 - Design work is continuing and all appraisals have been ordered. The appraisals that have come back are being reviewed by the State. The Municipal Agreement was approved and R/W authorization were received September 20th. The Isaacs group is continuing work on the sewer line design in the mobile home park and has 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.

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: Start 1st Q 2014/End 3rd Q 2014
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. Design and planning for this project were included in the Prosperity Village NW Thoroughfare extension project.

**Vicinity Map**

Project Update:

Look Ahead: Begin R/E appraisals and acquisitions.

Current Status: December 2013 - Design work is nearing completion and appraisals for most parcels have been ordered. Some appraisals are expected to be completed in the next few weeks and will be sent to the State for review. The Municipal Agreement was approved and R/W authorization was received September 21st. The Isaacs group is continuing work on the sewer line design in the mobile home park and has submitted it for permitting.

Last Month: October 2013 - Design work is continuing and all appraisals for most parcels have been ordered. Some appraisals are expected to be completed in the next few weeks and will be sent to the State for review. The Municipal Agreement was approved and R/W authorization was received September 21st.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$6,000,000.00

Planning Activities:

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

Real Estate Activities: In-progress/End 4th Q 2014

Bid Phase Activities: TBD

Construction Activities: Start 3rd Q 2015/End 2nd Q 2016

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: December 13 - Construction is approximately 55% complete. Conflict with AT&T underground cables in Area 1 of the project, between Hwy 51 and Carmel Estate Road, is slowing the completion of this section. The contractor is progressing on Area 2, north of Carmel Estate, and is still on schedule to complete construction in September 2014.

Last Month: October 2013- The contractor encountered major AT&T underground lines in Area 1 between Stallworth Drive and Five Knolls Drive. Staff is reviewing the liquidated damages for Area 1 duration due to this conflict. Shifting traffic to the temporary road between Carmel Estate and MacAndrew will occur in the last week of October. 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

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 continue the installation of the 36" water line. Traffic will be shifted to the east side along the entire project.

Current Status: December 13- Traffic was shifted to the east side of the road along the entire project. The contractor is continuing the installation of the water line on the west side. Construction is approximately 50% complete.

Last Month: October 2013- Construction is approximately 48% complete and about 12% behind schedule. The contractor installed the 36" water line to Cindy Lane and it is being tested. Traffic will be shifted to the east side of the road from Lake Road to Sunset Road around mid-November. 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. August 2013-

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: December 2013: Project is on hold pending future funding.

Last Month: October 2013: Project is 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: Start 1st Q 2014/End 4th Q 2014
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. Start real estate.

Current Status: December 2013: Have meet to review constructability comments. Preparing to start real estate phase. Meeting with CMS in January to review traffic control plans. Have obtained the signed CE document.

Last Month: October 2013: Currently performing an internal constructability review, meeting to review comments the week of October 28th, then will meet with CMS.

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: Finish project plan. Preliminary design.

Current Status: <TITLE></TITLE> December 2013 Received survey data and in the process of reviewing data after which will create the criteria the parameters for designing the project

Last Month: <TITLE></TITLE>

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: 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: (Dec 2013) With staff changes, Felix Obregon is now the PM for CDOT. CDOT is working with NCDOT on funding and revising the MA agreement but it is not expected to go before Council until the spring 2014. CDOT The CMAQ agreement is being proposed as reimbursement for real estate, utility relocation and construction costs. When this is approved, the Project Plan will be completed to establish BST's.

Last Month: (Oct 2013) CDOT is working with NCDOT on funding and revising the MA agreement. It is anticipated to have this on Council agenda by the end of the year. The CMAQ agreement is being proposed as reimbursement for real estate, utility relocation and construction costs. (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. (August 2013) No change in

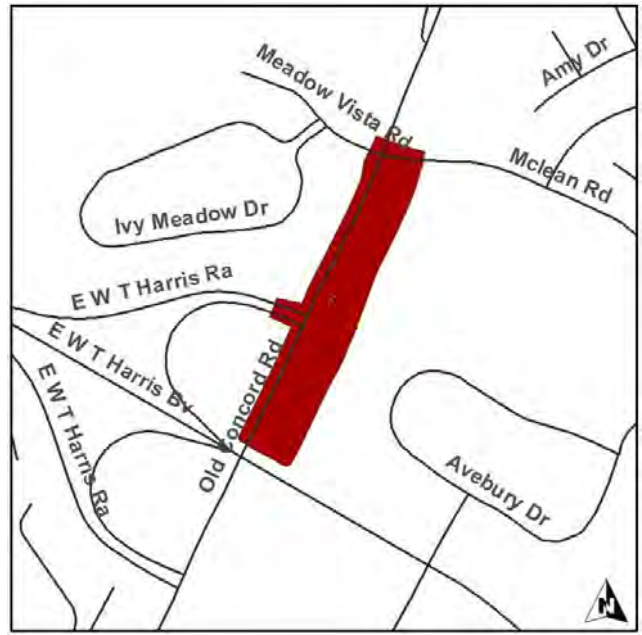
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Start 1st Q 2014/End 4th 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 NCDOT and NC Rail Division comments. Start 70% design phase. Begin coordinatin for RE.

Current Status: December 2013: Coordination with NCDOT and NC rail division is ongoing.

Last Month: October 2013: 50% plan review with CDOT and project team held on October 1st. Coordination with NCDOT and NC rail division has begun.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$450,000.00
Planning Activities: Complete
Design Activities: In-progress/End 1st Q 2016
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: (Dec 2013) Addressing NCDOT's and CDOT's comments. Submitting plans to utilities for review and coordination. No response from Norfolk Southern about relocating arm gate crossings for NC 115 and David Cox Roads.

Last Month: (Oct 2013) Addressing NCDOT's and CDOT's comments. Contacted Norfolk Southern to begin conversation about relocating arm gate crossings for NC 115 and David Cox Roads. (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. (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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: In-progress/End 1st Q 2014
Design Activities: In-progress/End 1st Q 2016
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: Continue acquisition of real estate.

Current Status: December 2013 - Real estate is on-going; two parcels have signed, one parcel went to condemnation for title on 12/9 and the last three parcels are scheduled to be on the 1/13 agenda.

Last Month: October 2013 - Real estate is on-going. Comments from the 90% design plans are nearing completion.

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: Start 1st Q 2014/End 3rd Q 2014
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: Order plats and begin real estate acquisition.

Current Status: December 2013 - Real estate began 12/2. The real estate process will follow the fast track process. In mid-December all R/W and easements on the properties were staked so appraisals can begin.

Last Month: October 2013 - Comments from the 90% plan review on 10/15 are being addressed. Preliminary work on the plats has been started by survey to complete plats quickly.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$2,900,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd Q 2014
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: TBD
Construction Activities: Start 1st Q 2015/End 3rd Q 2015

PROJECT STRATEGY REPORT

December 13, 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 contract.

Current Status: December 2013: Design continues for various locations throughout Charlotte as identified by CATS. Bid phase continues for the revised FY14 construction contract with the bid opening scheduled for Dec. 17th. RE acquisition is underway for several locations. Coordination with NCDOT on locations along state maintained roads continues.

Last Month: October 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, however we did not receive any bidders for either contract. We are working to redo Contract A and rebid based on specific project locations. RE acquisition is underway for several locations. Coordination with NCDOT on locations along state maintained roads continues.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
 Planning Activities: Complete
 Design Activities: In-progress/End 2nd Q 2014
 Real Estate Activities: In-progress/End 3rd Q 2014
 Bid Phase Activities: In-progress/End 1st Q 2014
 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: Sonji Mosley
Project Mgr Phone: 704-336-3214
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, approximtaly 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: (November /December2013): Real Estate condemnation process continues. On-going construction (around 85% complete). It took AT&T 3 weeks to provide structural information on the 1 concrete vault manhole near Allenbrook that will be adjusted by Metro-Tech/Blythe (and structurally designed by Gannett Fleming). Received NCDOT's approval on the concrete vault manhole adjustment. We are now at an empasse with AT & T approval to move now move forward with completing the vault work. They are now considering abandoning the line; however, have not given authorization to do so. Awaiting Duke to install the new poles at Bradford & Freedom intersection. Awaiting AT&T to provide a

Last Month: (Oct 2013): Real Estate condemnation process continues. On-going construction (around 75% complete). Awaiting on AT&T to provide structural information on the 1 concrete vault manhole near Allenbrook that will be adjusted by Blythe Construction (and structurally designed by Gannett Fleming). Awaiting on Duke to relocate their pole at Toddville due to CMU's water line and roadway elevation conflicts. Traffic shift on Bradford/Edgewood was completed on 10/25. Duke will take approximately 4 weeks to install the new poles at this intersection. Awaiting on AT&T to provide a schedule to

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$27,250,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 2nd 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: (December 2013) - Construction according to the latest pay app is 25% complete. Contractor is complete with clearing and grubbing the new road section. Contractor continues to bring in borrow material for new road. Box Culvert and Pipe Culvert installation is complete. Asphalt base construction has started for the new road and is 70% complete.

Last Month: (October 2013) - Construction according to the latest pay app is 8% complete. Contractor is complete with clearing and grubbing the new road section. Contractor continues to bring in borrow material for new road. Box Culvert and Pipe Culvert installation is complete. (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. (August 2013) - Contractor is almost complete with clearing

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$6,200,000.00

Planning Activities:

Design Activities: Complete

Real Estate Activities: In-progress/End 4th Q 2013

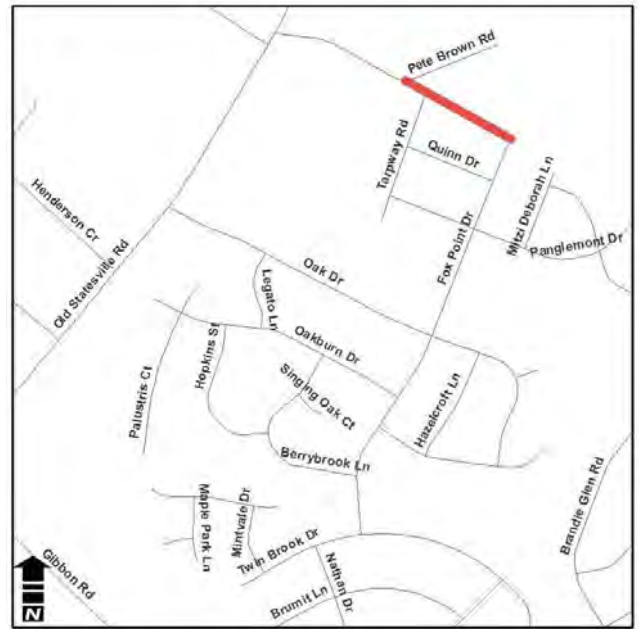
Bid Phase Activities: Complete

Construction Activities: In-progress/End 2nd Q 2015

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.

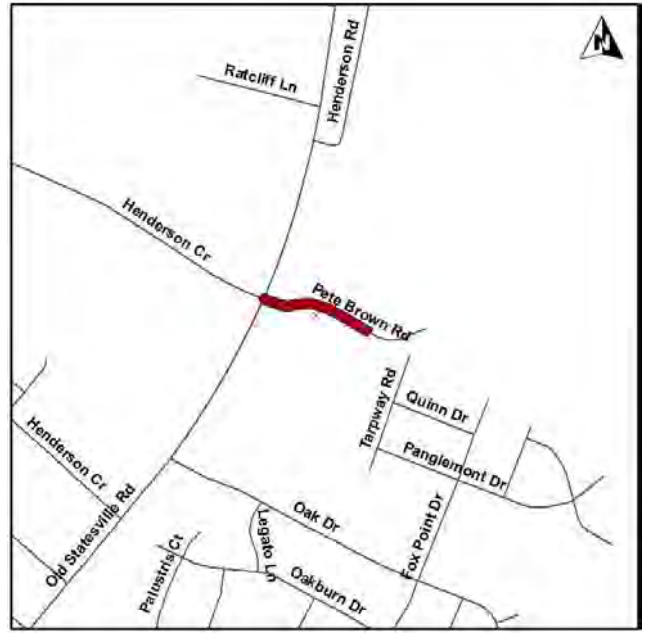
Current Status: (Dec 2013) Real Estate phase is approximately 70% complete. Agent is coordinating with the Griffith Brohers Development concerning the donation of R/W per the approved rezoning plan.

Last Month: (Oct 2013) Real Estate phase is approximately 25% complete. Agent is coordinating with the Griffith Brohers Development concerning the donation of R/W per the approved rezoning plan. (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. (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

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$1,550,000.00
Planning Activities: Complete
Design Activities: In-progress/End 2nd 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

**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: (Dec 2013) No change in status. 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: (Oct 2013) No change in status. 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. (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. (Aug 2013) Setting up review meetings to get input on impacts to utilities and Norfolk Southern crossing. (June 2013) Submitting

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 STRATEGY REPORT

December 13, 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: Continue Real Estate: Catherine Simmons NIP, Yorkmont at Oak Lake Ped. Refuge; Continue/Complete Design: Margaret Wallace Crossing, Kilborne Drive Construction of future projects including Choate/Moss, Kilborne, Yorkmont, and Margaret Wallace is on hold pending additional funding or go ahead from CDOT. Construction of Catherine Simmons NIP will be put on hold awaiting design of overlapping storm drainage improvement project.

Current Status: December 2013: Completed Construction: Wendover/Randolph ; Ready for Construction: 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), Yorkmont at Oak Lane Ped. Refuge; Design: Margaret Wallace Crossing, Kilborne Drive; Survey: none; New Project: none

Last Month: October 2013: Completed Construction: Park Road Ramps; Ready for Construction: Wendover/Randolph, 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), Yorkmont at Oak Lane Ped. Refuge; Design: Margaret Wallace Crossing, Kilborne Drive; Survey: none; New Project: none

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities:
Design Activities: In-progress/End 1st Q 2014
Real Estate Activities: In-progress/End 4th 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 end by 2nd quarter 2015.

Current Status: December 2013: Phase I construction is underway. The contractor is clearing and rough grading to install the construction entrances at City Blvd and Rumpole Rd.

Last Month: November 2013: The contractor, Triangle Grading and Paving, began construction work November 18. The contractor is clearing and rough grading to install the construction entrances at City Blvd and Rumpole Rd.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$9,900,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: Complete
Bid Phase Activities: Complete
Construction Activities: In-progress/End 2nd Q 2015

Project Number: 512-12-053
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 continue.

Current Status: December 2013: Bid Phase continues.

Last Month: November 2013: Bid Phase continues.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$350,000.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: In-progress/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: (Dec 2013) Completing final plans for preparing bid phase documents. No change in status in request to move forward with the demo of building purchased. The MA appears to indicate that the clearing of ROW and utility relocation are approved activities within the Right-of-Way phase.

Last Month: (Oct 2013) Requesting NCDOT to approve moving forward with the demo of building purchased. The MA appears to indicate that the clearing of ROW and utility relocation are approved activities within the Right-of-Way phase. (Sept 2013) CCD submitted to put the BST's as TBD until further direction is received from NCDOT. (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

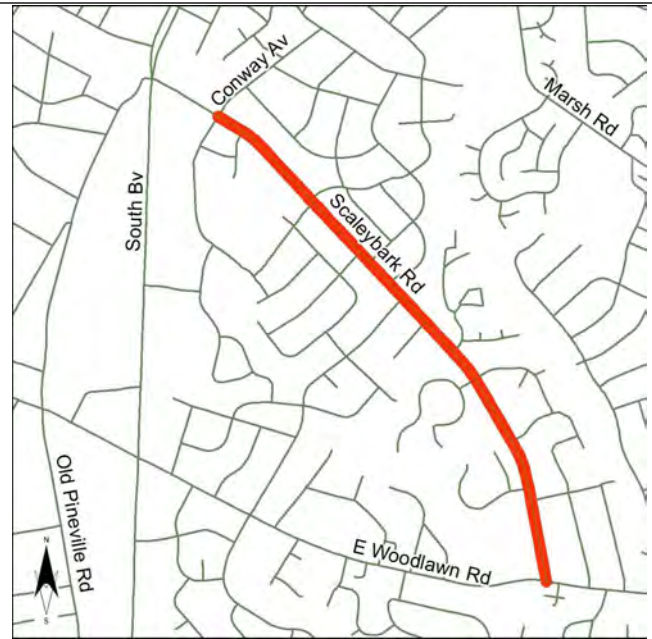
Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: Complete
Real Estate Activities: In-progress/End 2nd Q 2014
Bid Phase Activities: In-progress/End 2nd 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: December 13- The consultant submitted a proposal for a scope change to include replacement of CMUD water lines and upgrading storm water systems along Scaleybark. CMUD and Storm Water will provide funding for this work. Staff is reviewing the proposal and will prepare a contract amendment.

Last Month: October 2013- The consultant submitted the 70% plans for review, a review meeting is scheduled for November 12. CMUD approached staff with a proposal to replace the existing water lines with an 8" water main along a section of Scaleybark Road. Staff presented the proposal to the department heads and was approved. This scope addition will possibly impact the project schedule. Staff will meet with CMUD to discuss the cost sharing, collaboration and schedule. September 2013- The consultant will submit plans and CAD file to City Survey to begin preparation of right

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00
Planning Activities: Complete
Design Activities: In-progress/End 4th Q 2014
Real Estate Activities: Start 1st Q 2014/End 1st Q 2015
Bid Phase Activities: TBD
Construction Activities: TBD

Project Number: 512-14-015
Project Title: Univ. Walk Ped Safety (University City Blvd @r University
Program Category: TRANSPORTATION
Program Title: Transportation - Miscellaneous
Fund/Center: 2010/4747203
Project Mgr: Becky Chambers
Project Mgr Phone: 704-336-3280
Consultant: In-House Design Project

Project Summary:

This project will install a pedestrian beacon and refuge at University City Boulevard near University Walk Circle.

**Vicinity Map**

Project Update:

Look Ahead: 25% plan review will be held in January.

Current Status: December 2013: Additional survey is complete. Design is underway.

Last Month: October 2013: Kick-off meeting was held October 16th. Additional scope was requested by CDOT so revisions to project plan are underway. Survey has been requested.

Cost & Schedule Commitments:

Estimated Cost @ Completion: \$0.00

Planning Activities:

Design Activities:

Real Estate Activities:

Bid Phase Activities:

Construction Activities: