

PRIORITY PROJECTS – STOPLIGHT REPORT
Engineering (December 2011)

Project & Key Information	Time ²	\$\$\$ ³	Other ⁴	% Complete	Comments/Notes/Key Lessons Learned To Date
<p><u>WWTP Exp & Upgrade Construction</u> Current Phase¹: Construction Original Cost: \$17,500,000 Revised Cost: \$19,294,533 Original Completion Date: 3/21/14 Revised Completion Date: no change</p>				2.0%	<ul style="list-style-type: none"> • Choate Construction Company officially began construction on October 3, 2011. • Savings of \$89,000 for a piping restraint change has been identified, and is being processed. This is in addition to the \$112,000 <u>deductive</u> change order for electrical components. • Construction progress photos are being posted on <i>Hillsborough NC Water & Sewer Utilities</i> Facebook page.
<p><u>WFER Wetlands Project</u> Current Phase¹: Construction Original Cost: \$900,000 Revised Cost: \$1,006,000 estimated Original Completion Date: 3/31/11 Revised Completion Date: 7/15/11 for water quality ponds (completed) Revised Completion Date: 3/2012 for work at Person Co./Hatley property</p>				95%	<ul style="list-style-type: none"> • WQI construction is complete, other than shrub planting to be done in December. • The Town property at the Hatley farm in Person County will not need adjustment as originally thought. County GIS info was flawed and is being corrected. Plantings at property are to be done this Winter (most favorable time for these types of plant). • Additional measures will be required to get all the off-site wetlands credits required, but a potential property swap may address this. Cost could range from \$0 to \$200K. The actual cost impact will be determined as the details are further evaluated. • The US Army Corps of Engineers suspended our construction permit until this work is completed, but the suspension should not interfere with Phase 2 construction as long as we complete all of the current work. We also still have the potential to be fined by USACE for non-compliance due to delays thus far, but efforts to comply now should help greatly to minimize fines, if any are assessed.
<p><u>Sewer Main Rehabilitation</u> Current Phase¹: Implementation Original Cost: \$450,000 Revised Cost: \$500,000 (includes FY12 additional funding of \$50,000) Original Completion Date: Summer 2011 Revised Completion Date: Late Fall 2011</p>				65%	<ul style="list-style-type: none"> • 12” sewer near Burnside Drive & Cameron Street has been replaced. Sewer between King Street and Margaret Lane at FBC is being evaluated and repaired. • Pipe replacement operations for sewer near Gold Park have begun, with work being performed by C&J Utilities. • Failing sewer services are to be replaced within the next several months as needed. • Approx. 3,000 additional feet of sewer relining has been completed (5,000 feet total). • Investigations are ongoing to pinpoint sewers in need of repair or replacement. Eno River Outfall is being evaluated, to better plan future budgeted improvements.
<p><u>Orange Grove Road Water Improvements</u> Current Phase¹: Construction Original Cost: \$550,000 (entire project) Revised Cost: \$362,553 (no STAG fund) Original Completion Date: August 2012 Revised Completion Date: No change <i>Phases 3 & 4 completion dependent on funding</i></p>				0%	<ul style="list-style-type: none"> • Materials have been ordered, and construction should start this month. • 3 minor easements have been attained, and one is remaining. • Partial STAG funding of \$192K was rescinded by EPA (“Other” Major Issue noted) • We currently plan to proceed with just the 12” water line from Exchange Park Lane to Mayo Street (Phase 1) and the new Mayo BPS (Phase 2) with currently budgeted Town funds. The remaining water line (Phases 3 & 4, from Mayo Street to Patriot’s Pointe Apts) will have to be funded in FY13 (or later) to proceed. • Town crews will be constructing much of the project to stretch the budget. Small portions will need to be contracted (creek crossing & road bore).

<p><u>Elizabeth Brady PS Upgrade & Relocation</u> Current Phase¹: Construction Original Cost: \$600,000 Revised Cost: no change Original Completion Date: TBD Revised Completion Date: No change</p>				0%	<ul style="list-style-type: none"> • Permits have been received and the project is ready for construction bidding. • Soil borings are complete, and rock quantities have been inserted into the contract. • Bids for construction are anticipated to be advertised by early January 2012. • Easement document is being finalized.
<p><u>Lake Ben Johnston Dam Repairs & Dredging</u> Current Phase¹: Design Original Cost: \$480,000 (entire project) Revised Cost: no change Original Completion Date: TBD Revised Completion Date: No change</p>				15%	<ul style="list-style-type: none"> • Kickoff meeting was held on September 29th. • Surveying and design have begun. Permitting will proceed when possible. • Construction likely to begin in early 2012.

Notes: ¹ Current project phase is basis for “stoplights.” Current project phases may be in study, design, implementation, or construction.
² Time: **Green** = on schedule or ahead of time; **Yellow** = behind schedule but not problematic; **Red** = behind schedule/urgent/problematic.
³ \$\$\$: **Green** = w/in 5% of current phase budget; **Yellow** = w/in 5% to 15% of budget; **Red** = more than 15% & contingency likely exhausted.
⁴ Other: **Green** = no issues current phase; **Yellow** = minor issues; **Red** = major issues/concerns