

PRIORITY PROJECTS – STOPLIGHT REPORT
Engineering (February 2012)

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>				6.0%	<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: 6/2012 for work at Person Co./Hatley property</p>				96%	<ul style="list-style-type: none"> • Shrub planting at the Water Quality Impoundments/Wetlands is complete. • Plantings at the Hatley farm site in Person County are to be done in the coming months. Evaluation of the site and potential wetlands credit is ongoing. • 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 is currently being determined. • 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: Spring 2012</p>				75%	<ul style="list-style-type: none"> • Pipe replacement operations for sewer near Gold Park have begun, with work being performed by C&J Utilities. • 12” sewer near Burnside Drive & Cameron Street has been replaced. Sewer between King Street and Margaret Lane at FBC has been evaluated and repaired. • 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: \$406,553 (no STAG fund) Original Completion Date: August 2012 Revised Completion Date: No change for Phases 1 & 2 <i>Phases 3 & 4 completion dependent on funding (FY13 hopefully)</i></p>				10%	<ul style="list-style-type: none"> • Construction has begun but is proceeding slowly due to weather and workload. • Partial STAG funding of \$192K was rescinded by EPA (“Other” Major Issue noted) • We are proceeding 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. Funding request for \$80,000 has been included in FY13 budget, to cover materials only (work by staff). • Town crews will be constructing much of the project to stretch the budget. Small portions will need to be contracted (creek crossing, road bore, and portions of BPS installation).

<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"> • Bids will be opened on February 23, 2012. A Pre-Bid meeting will be held on 2/16. • The loan for the project is under review by the LGC, and approval is expected by early March. • Bid Award is anticipated for the Town Board meeting on March 12, 2012, with start of construction by early April. • Project construction time is 6 months, with completion currently anticipated for early October. • All permits and easements have been secured.
<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>				22%	<ul style="list-style-type: none"> • Design kickoff meeting was held on September 29th. • Surveying and design have begun. Permitting will proceed when possible. • Construction likely to begin in Spring 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