

PRIORITY PROJECTS – STOPLIGHT REPORT
Engineering (March 2011)

Project & Key Information	Time ²	\$\$\$ ³	Other ⁴	% Complete	Comments/Notes/Key Lessons Learned To Date
<p><u>WWTP Design & Permitting</u> Current Phase¹: Design Original Cost: \$1,310,000 Revised Cost: no change Original Completion Date: 9/1/11 Revised Completion Date: no change</p>				95%	<ul style="list-style-type: none"> Plans & specs are being reviewed for construction permits & funding. “Original cost” noted in 1st column exceeds FY11 budget due to contract making provisions for some design costs to be paid out of SRF loan funds, due to scope being larger than originally thought (\$17.5M vs. \$10M). Permit approvals due by May 2, 2011 Construction contracts must be executed by September 1, 2011
<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: 6/15/11</p>				9%	<ul style="list-style-type: none"> Construction started February 2011 and should continue through June. Original schedule anticipated construction to start in September 2010. Design took longer than anticipated. This delay does not appear to be cause for concern from the US Army Corps of Engineers. Boundaries for the Town property at the Hatley farm in Person County need to be adjusted. The boundary adjustment does not appear to be a big problem but will take time. Plantings at property to be done by this Summer. 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. Too early to determine the actual cost impact. Currently the project is about \$106K over budget. Rather than attaining a loan for \$600K as originally noted in budget (to supplement prior existing funds for the project), it is being considered to utilize water capital facilities funds for the project. This would be in place of incurring additional debt.
<p><u>Sewer Main Rehabilitation</u> Current Phase¹: Implementation Original Cost: \$450,000 Revised Cost: no change Original Completion Date: Summer 2011 Revised Completion Date: no change</p>				25%	<ul style="list-style-type: none"> Approx. 2,200 feet of sewers have been relined on Dixie Avenue, Tryon Street (at Churton), and Exchange Park Lane. 20 sewer services have been replaced, 8 manholes relined, and pavement repairs completed on Tuliptree Drive (from previous sewer project) An additional 20 sewer services are to be replaced in Spring 2011. Approx. 3,000 more feet of sewer is planned to be relined in Spring 2011.
<p><u>Orange Grove Road Water Improvements</u> Current Phase¹: Design Original Cost: \$550,000 Revised Cost: Not enough info yet Original Completion Date: August 2012 Revised Completion Date: No change</p>				25%	<ul style="list-style-type: none"> Some problems were solved regarding current pumping operations, which may result in a smaller replacement pump station. This could have a positive impact on the budget, and the amount of pipeline that can be replaced. Early estimates indicate that the total project <i>could</i> exceed the budget, which means we may have to reduce the amount of water line to be replaced. Town crews <i>may</i> complete some of the pipeline construction, and/or additional construction funding may be requested in the FY12 budget. More info on cost will be available as design proceeds. The construction bids will be structured to enable selection of portions of the project (rather than all or nothing), in order to reduce the total cost.

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