MEMORANDUM

TO: MAYOR AND MEMBERS OF TOWN COUNCIL

FROM: BOB FLETCHER, ATM ENGINEERING

SUBJECT: ENGINEERING UPDATE

DATE: FEBRUARY 2, 2010

CC: ANTHONY W. BARRETT, TOWN MANAGER

Facilities/Asset Management Update:

- Began all scheduling and fee collections for the Rotary Community Center. All questions and transactions will now be handled at Town Hall.
- Negotiated and signed a contract with Arnold Building Systems for design/build services for the new Buildings and Grounds facility. The project is expected to take eight months and staff should occupy the facility in October.
- Responded to several citizen concerns regarding localized flooding. A drainage ditch maintenance program is being developed incorporating the data accumulated as part of the staff response.
- Developing a Town wide staff space analysis and placement plan with the goal of no staff being located in leased spaces by April 2011.
- Developing specifications for a new waste services contract for the nearly 4600 residential homes served within the Town limits.
- Quinton Washington, Mac Patterson, James Ayers and Laura Budak participated in the January 31, 2010 BIS neighborhood clean up.
- The rededication ceremony for the Pritchard Pocket Park is scheduled for 5:00 February 25th.

Engineering Update:

- Engineering Website: Adding CIP construction projects recently approved by Town Council; Law Enforcement Center and Buildings & Grounds. Target completion end of February 2010.
- Continue working with County and State on road sales tax priorities and potential alternative funding sources.
- Staff has begun planning efforts for 2011 budget including facilities, maintenance, stormwater drainage and CIP. The CIP program requires Planning Commission review and recommendations.

CIP Update:

Old Town Improvements

May River Road/Bruin Road Streetscape: Construction Phase

- Punch list provided to contractor.
- Contractor working with state on drainage acceptance.
- Staff continues to work with SCDOT on administration of Transportation Enhancement Grant.
- Landscape plan resubmitted to SCDOT for encroachment permit.

Wayfinding: Design Phase

- Design consultant selected.
- Contract signed on January 21, 2010.
- Complete designs expected by February 31, 2010.

Town Facilities

Law Enforcement Center: Design Phase

- Met with Choate to assess subcontractor/supplier bids; local content around 80%.
- Received Town Council approval on budget, finance, and contract amendment.
- Negotiated and executed contract amendment with Choate within budgetary framework.

Buildings & Grounds Relocation: Design/Construction Phase

- A contract was negotiated with Arnold Building Systems.
- Completion of the project is expected in October 2010.

Sewer & Water

Buck Island Sewer: Design, Phase I

- Signed first easement and compensation; received several voluntary donation offers.
- Worked with State and LCOG on compliance issues; responded to landowner inquires.

Buck Island Sewer: Design, Phase II

- Met with BJWSA on design considerations, routing, and LMI program.
- Completed sewer routing plan and started system design.
- Finished Environmental Review task, and released FONSI for public comment.

Old Town/Maiden Lane Sewer: Design/Construction Phase

Bruin Road:

- Pilot project underway; issued informational letters to residents regarding cost sharing on installation and/or capacity fees.

- BJWSA letter due in February; staff will then work directly with residents to facilitate the connection process.

Church Street:

- Bid package issued February 2, 2010. Bids are due February 9, 2010.
- Pending SCDOT encroachment approval, work will be completed in March.

Maiden Lane:

- Preliminary design completed. Town has identified connection requirements to BJWSA.
- BJWSA is handling trunk line design and construction. Maiden Lane will be second phase of Pilot Program.

Stormwater-Small Projects: Design/On Going Construction Phase

- Responded to several citizen concerns about localized flooding.
- Ditch maintenance plan is being developed.
- Maintenance for the outflow ditch south of Bluffton Park towards Hwy. 46 (Parallel to Red Cedar) scheduled to complete mid February.

Verdier Cove Drainage Basin: Implementation Phase

- Power Easement maintenance scheduled for completion February 15, 2010 weather permitting.
- Staff continues to visually monitor water flow variations following each rain event.
- Staff has engaged third party independent engineer to access findings. Expect completed report end of February, 2010.

Park Development

Parks & Recreation Improvements: Concept Phase

- New River Trail maintenance project has had multiple rain delays.

Oyster Factory Park: Implementation Phase 1

- OCRM /DHEC permit applications submitted; ACE permit submitted.
- SCDOT encroachment permits application submitted; permits expected by the end of April.
- Project will go before Development Review Committee on February 2, 2010.
- Construction cost estimates completed.
- Construction RFP in progress.

New River Trail Head: Design Phase

- All permits and approvals expected by the end of February.
- Plans will go before the Development Review Committee on February 2, 2010.
- Received construction cost estimate.
- Drafting RFP for construction.

DuBois Park: Concept Phase

- Conceptual plan will be presented at the February 3rd Historic Preservation Commission meeting for final feedback from stakeholders.
- Conceptual design and a preliminary budget will be finalized based on stakeholder's feedback.
- Project will be submitted in 2011 CIP plan for Planning Commission and Council's approval.

Roadway Improvements

Buck Island/Simmonsville Pathway: Concept Phase

- The Town was notified that SCDOT will be constructing sidewalks from the school property south to Wellstone on the eastside of the road.
- The School Board has constructed sidewalk along the east side of Buck Island to the end of the proposed road improvements.
- No decision has been made by the Town or School Board regarding additional sidewalk construction.
- Staff will propose additional sidewalks for Council's approval in the proposed FY 2011 CIP budget.

Attachments: Verdier Cove Drainage Basin
Action Items Update

Verdier Cove Drainage Basin

Action Items Update 2-2-2010

Number	Activity	Status
1	Remove sections of the logging road in B-11	Complete
2	Survey Bluffton Park Lagoons (B-9, B10 & B-5)	Complete: Lagoons constructed per design documents
3	Verify flow south of Hidden Lakes	Completed: Thomas & Hutton confirmed flow moves south into B-11 where historical flow is to the North
4	Perform ditch maintenance	1) Pipes under Hwy. 278 North cleaned 2) Ditch maintenance power easement North to Hwy. 278 complete 3) Ditch maintenance at power line easement will be completed February 15, 2010.
5	Temporarily block flow from wetland adjacent to parcel B-11 and into Teardrop Lagoon	SABAL Construction granted permission to block outflow. Methodology under review.
6	Supplemental Measurements	Visual inspections of flow directions being performed following each rain event. Working with consultant to evacuate findings. Report expected by end of February.
7	Lower operating levels of B-9, B-10 & B-5 to planned design level of 17'	Met with SABAL regarding ditch network. Researching ditch history and permits. There are no outstanding bonds covering this phase.
8	Determine basis of Stockfarm filtration outflow	Hold pending results of activity # 4