

APPENDIX A
TELEPHONE CALL DOCUMENTATION
AND MEETING MINUTES

LOCHNER

H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS

RECORD OF TELEPHONE CALL

PROJECT: 1800

DATE: 3/25/05

CALL TO: EVERALL PERKINS 878-3131

OF:

CALL FROM: JENNIFER MENENDEZ

OF: H.W. LOCHNER

FPID: 4157823

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Pond next to railroad tracks.</p> <p>He said he designed his pond to have extra room in it for someone else to combine treatment in it. The outflow pipe will have to be raised. He is definitely interested in making the pond into a regional facility with Capital Circle.</p>	<p>Call back Monday afternoon and get a copy of the plans for the pond.</p>

RECORD OF TELEPHONE CALL**PROJECT: 1800****DATE: 1/20/05****CALL TO: CHERYL POOLE 386-5117****OF: POOLE ENGINEERING****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID:**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Jackson Bluff Townhomes</p> <p>New Development going in on the east side of Capital Circle between Jackson Bluff and the Power Line Easement. On the corner of Capital Circle and Jackson Bluff. They are still waiting on the permit but they expect to start construction in about a month.</p> <p>They already designed their pond but they are also using a pond south of the rental place in an industrial park that handles a lot of the Jackson Bluff area.</p>	<p>WE CAN PICK UP A COPY OF THEIR PLANS THIS AFTERNOON.</p>

RECORD OF TELEPHONE CALL**PROJECT: 1800****DATE: 3/23/05****CALL TO: CLAY CAMPBELL 222-5678****OF: MOORE BASS CONSULTING****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID:**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Delta Park Subdivision: area across Capital Circle from Cascade Drive</p> <p>Client is open to the possibility of a regional facility with us. This area is already a SWMF and has an operating permit that has been maintained every three years. Area is overgrown right now. There is extra room in the area but they don't know how much. They are not to the stage where they are designing the ponds yet. He has already talked to Jim Shepard and is sending the plans for the area to him.</p>	

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RECORD OF TELEPHONE CALL

PROJECT: 1800 - CAPITAL CIRCLE NW / SW
2/17/05

DATE:

CALL TO: JOHN COX

OF: CITY OF TALLAHASSEE

CALL FROM: JENNIFER MENENDEZ

OF: H.W. LOCHNER

FPID: 415782-3-58-01

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>891-6867</p> <p>He works in the stormwater management division and does mostly water quality. Talked about treatment ponds planned near Capital Circle SW. There is a 60 Million dollar water quality plan and they have been authorized to build about 1/10 of this.</p>	<p>Call and make an appointment for him to show us where these ponds are and see if regional facilities are a possibility.</p>

PROJECT: 1800**DATE: 1/19/05****CALL TO: JOHN MCDOWELL 904-998-5163****OF: KIMLEY HORN****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID: 4157823**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Regional Facilities for Capital Circle</p> <p>Kimley Horn is doing the Tharp Street project They are at the end of the Quarter Study Planning Phase (will be done February 8th or 9th). They will start the design and they have funding to complete the design but not sure if there is money for construction.</p> <p>Jamie Gerardy(sp.) of CDM will do the pond design for Kimley Horn.</p> <p>2 of the ponds sites drain downstream to our project. The best option for a regional facility is the Mission-Trimble area they are looking at as a pond site. This is property the city bought (land with trailers that floods) but has no plans for.</p> <p>Kim Wood with the County is who they have been dealing with about pond siting.</p> <p>john.mcdowell@kimley-horn.com</p>	<p>John is going to talk to their county contact. He wants to make sure their client thinks a regional facility in this situation is a good idea. John thinks it is a great idea and wants to pursue it.</p> <p>He will get back to us soon.</p>

RECORD OF TELEPHONE CALL**PROJECT: 1800****DATE: 1/31/05****CALL TO: JOHN McDOWELL 904-998-5163****OF: KIMLEY HORN****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID: 4157823**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Regional Facilities for Capital Circle</p> <p>The Tharpe project will drain from 500 feet east of Capital Circle to a pond behind a Geotechnical firm called Ardaman and Associates. Other businesses bordering the pond are P&B and Floors to Go. This pond will also be a regional facility with a new apartment complex going in.</p> <p>From 500 feet east of Capital Circle to the beginning of the Tharpe project, this water will drain to a DOT regional facility with the northern part of Capital Circle.</p> <p>John's question is who will maintain the pond...the county or the DOT. Will the DOT be willing to maintain a pond for a road that is not yet built?</p>	<p>They are going to send us their plans so we can see the pond locations better</p>

PROJECT: 1800 - CAPITAL CIRCLE NW / SW
2/2/05**DATE:****CALL TO: LARRY CLIETT****OF: TCC****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID: 415782-3-58-01**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Regional Pond Possibilities Breached by Theresa Heiker</p> <p>They are in the process of purchasing 11-13 Acres off Pat Thomas and a business property, Superior Mechanical (1 acre) They have bought some property around Progress Drive and Century Park Drive.</p> <p>They don't have enough ponds as it is. There is a flooding problem around Pensacola and Appleyard.</p> <p>There was a piece of land donated along Blountstown Hwy (about 3.5 Ac). They are using this land for "green space." This triangular piece of land runs along Blountstown Hwy to the railroad tracks and up north to FL Electric. This is most likely the land Theresa was talking about.</p> <p>2-3 months ago they had a meeting with a consultant to the city about huge ponds going in upstream and/or downstream to help their flooding. The consultant was Todd Schimpf of Moore Consulting Group 224-0174</p> <p>They have a lot of older development that was not properly designed drainage wise so it would be hard to give up any property they already have for drainage of capital circle.</p>	<p>WILL CALL TODD SCHIMPF AT MOORE CONSULTING GROUP AND FIND OUT ABOUT THE CITY REGIONAL PONDS.</p>

RECORD OF TELEPHONE CALL**PROJECT: 1800 - CAPITAL CIRCLE NW / SW**
2/23/05**DATE:****CALL TO: LAURA OSBOURNE****OF: CITY ELECTRIC R/W****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID: 415782-3-58-01**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Pond in the Power Line Right of Way</p> <p>She said that to put a pond in the power line right of way owned by the city we must submit plans to her and they will approve them as long as the pond doesn't get in the way of getting to the power lines. They do not charge anyone to put a pond in the power line right of way.</p>	

RECORD OF TELEPHONE CALL**PROJECT: 1800****DATE: 1/20/05****CALL TO: MIKE CLOW 891-7530****OF: THE AIRPORT****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID: 4157823**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Property city acquired (trailer park) north of the airport due to noise mitigation.</p> <p>Name given to me by Doug Hambrecht of LPA Group</p> <p>This property is potential commercial development property. It already has a pond there to support that site. There is no room for expansion of this pond.</p>	

PROJECT: 1800**DATE: 2/17/05****CALL TO: MIKE CLOW 891-7530****OF: THE AIRPORT****CALL FROM: JENNIFER MENENDEZ****OF: H.W. LOCHNER****FPID: 4157823**

SUBJECT DISCUSSED:	ACTION TO BE TAKEN:
<p>Property city acquired by the city along Cascade Drive due to noise mitigation.</p> <p>This property is being returned to its natural state. It has already been planted. They plan to use it for tree mitigation and possibly wetland mitigation for some future projects they are planning. The area has been rezoned from residential to urban forest.</p> <p>They are not interested in a pond and he says it is probably too low for a pond anyway. This land is owned by the city but was bought with federal dollars.</p>	

A meeting with Theresa Heiker, Leon County Drainage Engineer, was held on December 7, 2004. The purpose of the meeting was to gather information related to drainage concerns for the Capital Circle NW/SW project, Gum Swamp and regional stormwater facilities. Along with Theresa, others present at the meeting included Shawn McLemore, Jennifer Menendez and Hugh Williams. A bulleted list of items that were discussed follows:

- Permitting through Growth Management (Tom Ballentine)
- Remap of Flood Maps in progress for entire county
 - Old maps done with backwater analysis
 - New maps can be done with LIDAR and a more accurate analysis method
 - will change hydraulics of gum swamp and influence bridge decision
 - will influence pond siting—property flood plains will change
 - old maps say road overtops by 2' at Gum Swamp—this is not realistic
- Gum Swamp
 - Conservation easement recorded to State of Florida
 - County maintains water levels
 - Fluctuating water levels
 - 51 from January to July
 - 49.5 from August to December
 - recommended by CDM—SWMM model of area
 - Can't take more water here
 - City has this area classified as a Regional Treatment Facility
 - Want to treat reroute and treat creek here
 - County disagrees that Gum Swamp is a regional facility for stormwater treatment, and has the area classified as a Habitat Restoration area
- Mitigation Opportunities
 - Removing commercial development = wetland mitigation and water quality treatment?
 - Salvage Yard adjacent to Swamp Fox Road
 - Owner is a willing seller—applied for purchase plan
 - Land floods
 - Business on Swamp Fox and Capital Circle
 - Floods about 2' onto parking lot
- Joint Facility Possibilities
 - Tharpe Street Project
 - Ultimately within the same Lake Munson watershed
 - City owns property
 - TCC—Has property along Pat Thomas Blvd—only for access
 - Contact facilities division
 - City
 - Purchased mobile home park north of airport (noise mitigation) and small area off Cascade Drive
 - FDOT—check land purchases in connection with the Capital Circle/ SR 20 improvements
 - New Housing Development on East Side, out Highway 20
- Sinkhole at the Capital Circle and Orange Ave. intersection
 - North of new alignment
- ACA may have current aerials of Leon County
 - Contact Carnell Clapp

A meeting with Tom Ballentine, Leon County Senior Environmental Engineer, was held on January 24, 2005. The purpose of the meeting was to gather information related to permitting concerns for the Capital Circle NW/SW project alternatives, Gum Swamp and regional stormwater facilities. Along with Tom, others present at the meeting included Jim Sheperd, Kevin Pope, Shawn McLemore, and Hugh Williams. A bulleted list of items that were discussed follows:

- Alternatives to Cross Gum Swamp
 - 4-lane typical sections that allow future expansion to 6-lanes
 - Tom stated that the initial response must be that the typical section should be minimized to avoid extra wetland impacts.
 - However, upper management could be approached with an evaluation that shows that a wider section with more impacts now is better for the community
 - Bridging vs. widening the roadway fill
 - Kevin indicated that bridging this type of wetland would not provide substantial benefits for the type of ecological system in Gum Swamp.
 - The area beneath the bridge would be impacted. All that would be saved is the fill side slopes
 - Circulation issues can be addressed by using a number of culverts spread along the roadway fill, in lieu of using a long bridge.
 - The request to bridge the swamp was probably just an initial starting consideration. Once the specifics circumstances of this crossing are considered, bridging may not be the best alternative.
 - There may be an issue with animal crossings
 - For Linear Infrastructure Projects, up to 25% of the wetlands on the project may be impacted.
 - Most projects meet this requirement by purchasing enough additional property with wetlands to be placed in preservation to provide a total of wetland area of 4 times the impacted wetland area.
 - Preferred property purchases would be adjacent to the impacted wetland area along the project, then within the same basin.
 - Floodplain Compensation will be required for fill in the Swamp
 - Discussed several possible locations for compensation around the periphery of the swamp.
 - Could possibly model the area. If the model shows that no increases in stages or flows are caused, then a compensation area would not be needed.
- Gum Swamp
 - Flow into the swamp from the west has been affected by channelizing Gum Creek.

- When the ditch was dug, spoil material was placed between the ditch and the swamp. Low flows that do not overtop this spoil bank bypass the swamp.
 - A weir was placed in this ditch on the south side of the swamp to raise the water levels in the swamp. Initially the raised water level killed trees in the swamp. Implementation of a varying water level is planned to correct this problem.
 - Tom would like to see the water diverted into Gum Swamp from Gum Creek further upstream than the weir to better emulate the swamps original hydrology.
 - He showed a report that he had prepared with details for a diversion ditch that would bring water into the swamp from further west and north on Gum Creek.
 - Other methods could be developed to divert the flow into the swamp.
- Regional Facility Possibilities
 - Prefer to treat runoff for water quality prior to release into Gum Swamp
 - Must treat all of the reconstructed CC NW/SW roadway. There will be no treatment credit for the existing pavement since, in general, it is all to be removed and reconstructed.
 - Discussed possibilities of storage in the median similar to Thomasville Rd. north of the City
 - Treatment might be possible at a site north of Swamp Fox Road
 - Compensatory treatment is also a possibility
 - Kevin pointed out that this would be an issue requiring a variance
 - Must find comparable untreated development
 - Jurisdiction of the conveyance system and the effect of in-line regional facilities on jurisdiction need to be discussed with FDEP
 - We need to clarify boundary issues of City – County boundary and permitting jurisdiction south of SR 20

A meeting with John Cox of the City of Tallahassee's stormwater management department was held on February 24, 2005. The purpose of the meeting was to gather information related the City of Tallahassee's plans for regional stormwater facilities. Along with John, others present at the meeting included Shawn McLemore and Jennifer Menendez. A bulleted list of items that were discussed follows:

- Talked about the City's program for water quality improvements throughout Tallahassee. Discussed the process of determining which watersheds are in the most need of treatment and how the judgments are made as to where a regional facility will be the most cost effective.
- Talked about theories of how wetlands become degraded and how they can be restored
 - Specifically talked about Gum Swamp and how the possibility for using it as a treatment facility can be accomplished.
 - 62-25 allows a degraded wetland to be used for treatment
 - The intent was to allow the wetland to be restored rather than to continue to degrade and eventually become unclaimable
 - Eric Livingston at FDEP can provide more information
 - We would have to have an environmental expert look at the swamp and say it is degraded and determine its hydroperiod before we can restore the wetland and then do treatment on top
 - This option could be the most cost effective for the amount of treatment it provides. The county owns the area. They would have to approve this option.
 - DEP originally approved this area for treatment
 - Treating stormwater in a swamp most likely has minimal negative impact on the wildlife.
- Discussed regional facility options with the city
 - The City's planned regional facilities that are high on the funding list are all upstream of Gum Swamp
 - The best option for a regional facility to treat Capital Circle (other than possibly Gum Swamp) is the area along the south side of Swamp Fox Rd on the west side of capital circle
 - The city would possibly be interested in turning this into a regional facility.
 - The area on the east side of capital Circle was highly contaminated by an asphalt company, but may have been cleaned up. This would be another option if the area has been cleaned up
 - Grant Funding from Northwest Florida is possibly available for a regional facility
 - Gibby pond by Blueprint got funding (possibly around \$800,000?)
 - Ed Ringe helped get this grant
 - We think this is the pond that will handle the part of Capital Circle north of Schuler Rd.

A meeting with John Kraynak, Director of Environmental Compliance for Leon County, and Tom Ballentine, Leon County Senior Environmental Engineer, was held on March 31, 2005. The purpose of the meeting was to discuss options to cross Gum Swamp when Capital Circle NW/SW is widened to four lanes. Along with John and Tom, others present at the meeting included Jim Shepherd, Kevin Pope, Shawn McLemore, and Hugh Williams. Theresa Heiker was in contact briefly by telephone. A bulleted list of items that were discussed follows:

- John's two major concerns about widening CC through Gum Swamp are:
 - Loss of wetlands
 - Floodplain displacement – flooding occurs downstream
- John questioned the need for bike lanes, on both sides, and a 10' sidewalk through Gum Swamp, considering the additional wetland impact caused by these facilities.

- Bridging would mitigate for both major issues
 - Still have some wetland degradation with bridge
- Prefer not to purchase existing wetlands for preservation as mitigation
- The County might consider wet detention ponds as compensation for wetland loss
- Possible Compensation Sites
 - Tanglewood Trailer Park off Blountstown Hwy.
 - Take lower 25% - may have to take all because they are rentals
 - Take Swamp Fox Rd. out of circulation
 - Take all 4 businesses
 - The cost of the business (North American Van Lines / Airborne Express) on the corner w/CC may be too much

- If CC roadway grade is raised, need to increase size of cross drains cross drains to offset flood elevations.
- Might have to use 2-yr. restricted discharge on rate.
- The County prefers not to use Gum Swamp for treatment
 - Also believe FDEP rules would not allow treatment in Gum Swamp
- May be open to a timing comparison to reduce or eliminate storage requirements. In other words, the project runoff hydrograph without a pond may peak earlier than it would with a pond. And even though the peak without the pond may be greater, adding this hydrograph with the basin hydrograph may actually lower the peak of the basin hydrograph.
 - Probably too far from receiving body to use this approach
- Dry sandy upland behind businesses on the corner of CC and US 90.
 - Could possibly treat some of the untreated business in the area as compensation for any potentially untreatable areas, such as thru Gum Swamp.
- Theresa Heiker's concerns are soils and Karst features