



Engineering Services Committee Meeting Committee Room- 4/13/2009- 12:50 PM

ENGINEERING SERVICES

1. Motion to approve Georgia Power Company easement #10879 for a distribution line on the J. B. Messerly WWTP property. ☐ [Attachments](#)
2. Motion to authorize condemnation to acquire title of a portion of property for right of way, permanent easement and temporary driveway easement for the Alexander Drive Project, (Parcel 31, tax map 013-1, parcel 002-03) 1040 Alexander Drive. ☐ [Attachments](#)
3. Approve a Professional Services Agreement with the consulting firm McKim & Creed for the Evaluation of Alternatives for Operations of Water Pollution Control Facilities and Programs. ☐ [Attachments](#)
4. Discuss an RFP for once-a-week garbage pickup. (Requested by Commissioner Bowles) ☐ [Attachments](#)
5. Amend the agreement with Turner and Associates, Architects and Planners, to add the signage and graphics package to their scope of work for designing the Judicial Center in the amount of \$39,270. ☐ [Attachments](#)
6. Approve the deeds of dedication, maintenance agreement, and road resolutions submitted by the Engineering and Augusta Utilities Departments for Manchester Subdivision, Section One, Phase One. ☐ [Attachments](#)
7. Approve the deeds of dedication, maintenance agreement, and road resolutions submitted by the Engineering and Augusta Utilities Departments for Manchester Subdivision, Section One, Phase Two. ☐ [Attachments](#)
8. Motion to approve an ordinance to amend Augusta-Richmond County, Ga. Code, Section 5-2-45 to clarify multi-family dwelling water and sewer rates; to repeal all ordinances and parts of ordinance in conflict herewith; and for other purposes. ☐ [Attachments](#)
9. Approve the deeds of dedication, maintenance agreement, and road resolution submitted by the Engineering and Augusta Utilities Departments for Pinehurst Subdivision, Section Six, Phase 3. ☐ [Attachments](#)
10. Approve the deed of dedication and road resolutions submitted by the ☐ [Attachments](#)

11. Presentation by Ms. Rhodia Bradley regarding garbage pickup charges for the property located at 1804 Second Avenue. ☐ [Attachments](#)
12. Authorize Augusta Utilities to add eight new positions to serve Fort Gordon and increasing customer demands. ☐ [Attachments](#)
13. Motion to approve an Ordinance to amend Augusta-Richmond County, Ga. Code, Sections 5-2-45(b) to clarify and amend the monthly residential sewer rates; to repeal all ordinances and parts of ordinances in conflict herewith; to provide an effective date; and for other purposes. ☐ [Attachments](#)
14. Authorize the Engineering Department to approve Capital Project Budget Change Number Nine and Supplemental Agreement Eight with PBS & J in the amount of \$160,179 for the redesign of the intersection of Barton Chapel Road and prepare for the GDOT mandated Value Engineering process as part of the improvements to Wrightsboro Road from Jimmie Dyess Parkway to I-520, ARC# 323-04-296823309. Funds will be transferred from the project Right of Way Account to the project Engineering Account. ☐ [Attachments](#)



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Approve Georgia Power Easement #10879**

Department: Augusta Utilities Department

Caption: Motion to approve Georgia Power Company easement #10879 for a distribution line on the J. B. Messerly WWTP property.

Background: Georgia Power Company is running new poles and line to serve Messerly and requests and easement.

Analysis: The upgrading and expansion of Messerly have resulted in an increased power demand. Georgia Power Company will be upgrading their distribution lines, to supply the WWTP.

Financial Impact: None

Alternatives: Don't approve Georgia Power Company easement #10879 for a distribution line on the J. B. Messerly WWTP property.

Recommendation: Approve Georgia Power Company easement #10879 for a distribution line on the J. B. Messerly WWTP property.

Funds are Available in the Following Accounts: N/A

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Name of Line J. B. MESSERLY WASTE WATER TREATMENT PLANT (RICHMOND COUNTY)
No 10879 DISTRIBUTION LINE
Parcel No 001 Account No 69596-002498-0-30006-30000000
Letter File 9-8493 Deed File 17280 Map File N/A

State of Georgia **E A S E M E N T**
Richmond County

Received of Georgia Power Company, hereinafter called the Company, the sum of
Ten and 00/100 ***** Dollars
(\$ 10.00), and other good and valuable consideration, the receipt
and sufficiency whereof are hereby acknowledged, in exchange for which the
undersigned **Augusta Richmond County**
whose Post Office Address is

501 Greene Street Suite 302 , Augusta, GA 30901

does hereby grant and convey to said Company, its successors and assigns,
the right, privilege and easement to go in, upon along and across that tract of
land owned by the undersigned at

1820 Doug Barnard Pkwy, Augusta, GA 30906

(address of property) in the 85th GMD (Georgia Militia District) of
RICHMOND County, Georgia .

**Said lands being more particularly described on a plat marked
"Exhibit A" and attached hereto and made a part hereof,**

together with the right to construct, operate, and maintain continuously upon
and under said lands, its lines for transmitting electric current, with poles,
wires, transformers, service pedestals, and other necessary apparatus,
fixtures, and appliances, including the right to attach communication
facilities to said poles, to stretch communication or other lines on said
poles, or under said lands and to attach related apparatus, fixtures, and
appliances, with the right to permit the attachment of the cables, lines,
wires, apparatus, fixtures, and appliances of any other company, or person, to
said poles for electric, communications or other purposes, upon or under said
lands with necessary appliances; with the right to assign this easement in
whole or in part; together with the right at all times to enter upon said lands
for the purpose of inspecting said lines, making repairs, renewals, alterations
and extensions thereon, thereunder, thereto or therefrom; together with the
right to cut away and keep clear of said overhead or underground lines,
transformers, fixtures, and appliances, all trees and other obstructions that
may in the opinion of the Company now or hereafter in any way interfere or be
likely to interfere with the proper operation of said overhead or underground

Parcel 001 Name of Line J. B. MESSERLY WASTE WATER TREATMENT PLANT
(RICHMOND COUNTY)

lines, transformers, fixtures, and appliances; also the right of ingress and egress over the property of the undersigned to and from said lines. The rights herein granted include without limitation all the necessary rights for Company to install and maintain electrical and communication lines and facilities to existing and future structure(s) under the easement terms herein provided, on the property of the undersigned. Any timber cut on said land by or for said Company shall remain the property of the owner of said timber.

The undersigned does not convey any land, but merely grants the rights, privileges and easements hereinbefore set out.

The rights herein include and embrace the right to clear and keep clear all trees and other obstructions located within fifteen (15') feet of the distribution pole line, plus the right to install and maintain anchors and guy wires as needed in the construction and maintenance of the above mentioned distribution line.

Said Company shall not be liable for or bound by any statement, agreement or understanding not herein expressed.

IN WITNESS WHEREOF, the undersigned ha____ hereunto set _____ hand____ and seal, this _____ day of _____, _____.

Signed, sealed and delivered
in the presence of:

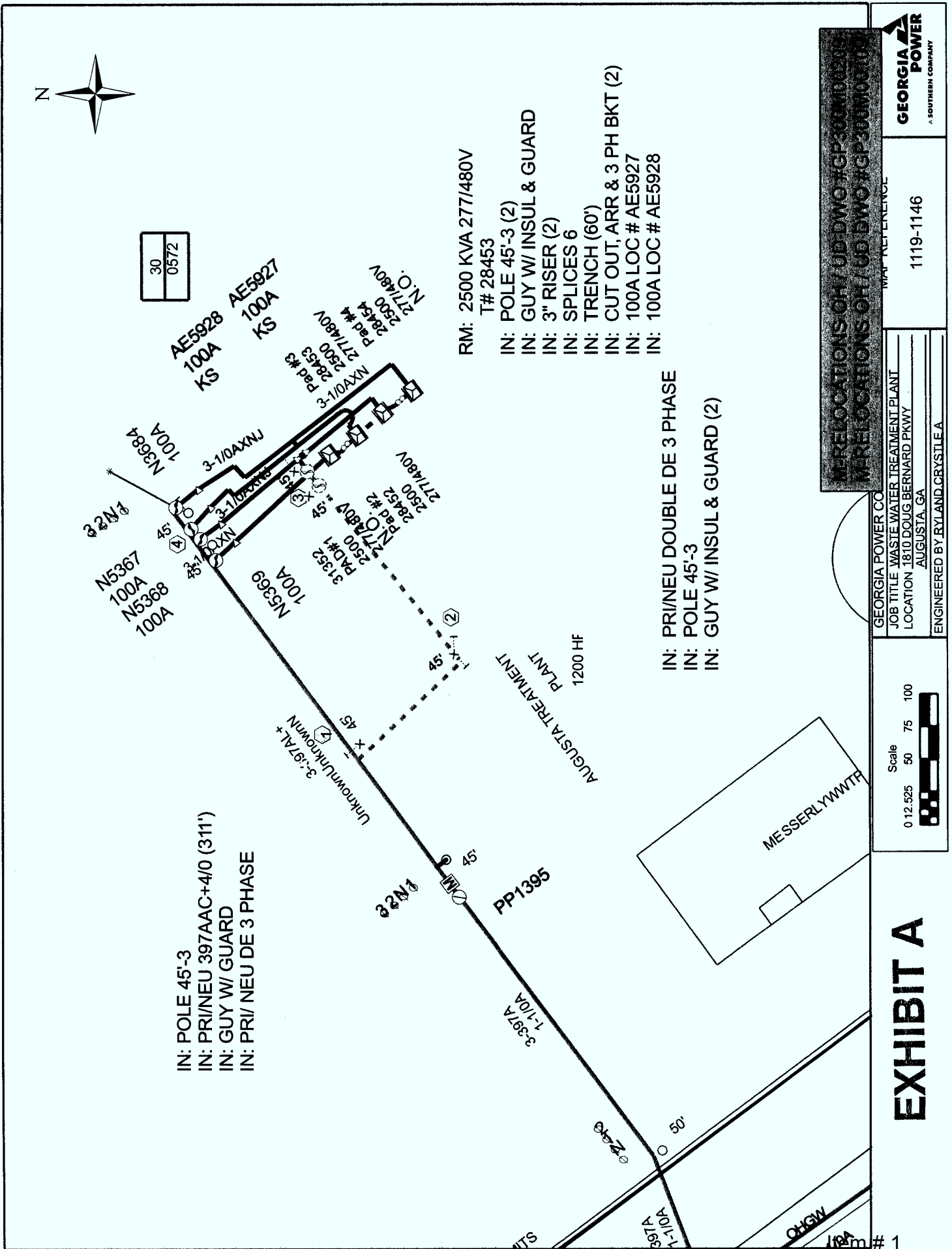
Augusta Richmond County

Witness

By: _____ (SEAL)
Name: _____
Title: _____

Notary Public

Attest: _____ (SEAL)
Name: _____
Title: _____





**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Condemnation -Carlyle Centennial Group LP**

Department: Clerk of Commission

Caption: Motion to authorize condemnation to acquire title of a portion of property for right of way, permanent easement and temporary driveway easement for the Alexander Drive Project, (Parcel 31, tax map 013-1, parcel 002-03) 1040 Alexander Drive.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are Available in
the Following
Accounts:**

REVIEWED AND APPROVED BY:

Clerk of Commission

AGENDA ITEM

**Engineering Services Committee Meeting
April 13, 2009**

DATE: April 1, 2009

TO: Engineering Services Committee
Commissioner Jimmy Smith, Chairman
Commissioner Corey Johnson, Vice Chairman
Commissioner Don Grantham
Commissioner J.R. Hatney
Mr. Fred Russell, Administrator

FROM: Dan Hamilton, Attorney

THROUGH: Chiquita Johnson, General Counselor

SUBJECT: Property Condemnation – Right of Way, Permanent Easement and Temporary Driveway Easement - Carlyle Centennial Group, LP, property owner
Alexander Drive Project – DOT Project No. STP-0001-00(794)
Project Parcel 31 (Tax Map 013-1, Parcel 002-03), 1040 Alexander Drive,
Augusta ARC Project No. 323-04-296823215

CAPTION:

Motion to authorize condemnation to acquire title of a portion of property for right of way, permanent easement and temporary driveway easement for the Alexander Drive Project, (Parcel 31, tax map 013-1, parcel 002-03) 1040 Alexander Drive.

BACKGROUND:

The City has been unable to reach an agreement with the owners. In order to proceed and avoid further delays, it is necessary to condemn a portion of subject property. The required property consists of 0.411 acre (17, 888.85 sq. ft.) of right of way, 0.190 acre (8,279.74 sq. ft.) permanent easement, and one temporary driveway easement. The appraised value is \$125, 100.00.

ANALYSIS:

Condemnation is necessary in order to acquire the required property.

FINANCIAL IMPACT:

The necessary costs will be covered under the project budget.

ALTERNATIVES: Deny condemnation.

RECOMMENDATION: Approve condemnation.

AGENDA DATE: Commission Meeting April 21, 2009.

DEPARTMENT
DIRECTOR: _____

FUNDS ARE AVAILABLE IN THE
FOLLOWING ACCOUNT: _____
323041110 – 5411120
296823215 – 5411120

ADMINISTRATOR: _____

FINANCE: _____



**Engineering Services Committee Meeting
4/13/2009 12:50 PM**

Evaluation of Options for Operations of Water Pollution Control Facilities and Programs

Department: Utilities

Caption: Approve a Professional Services Agreement with the consulting firm McKim & Creed for the Evaluation of Alternatives for Operations of Water Pollution Control Facilities and Programs.

Background: On July 20, 1999 Augusta and Operations Management International, Inc. (OMI) entered into an agreement for operations, maintenance and management services of Augusta's water pollution control facilities and programs. The original agreement ran through December 31, 2004. This agreement was extended for one year in 2004 and for an additional four years in 2005. The current agreement will expire on December 31, 2009. The ending of this agreement necessitates that Augusta make a significant decision about how to proceed with these activities in the future. We believe it would be beneficial for Augusta to enlist a specialist in the area of facility and system management to evaluate our current operational practices and our future needs and assist in developing a recommendation to the Commission regarding a path forward. This evaluation would specifically look at the options of continuing contract operations or reintegrating these activities into the Utilities Department operating structure.

Analysis: In response to the pending end of our current agreement with OMI we would like to enlist the services of McKim & Creed to perform an evaluation of our current needs regarding facility and program operations. This firm has an excellent reputation in the water and wastewater consulting field and they are not involved in plant operations activities. We believe that they can provide a thorough and objective evaluation of our current needs and how to best meet those needs. This approach will allow for an objective review of the costs and benefits of the various options available to Augusta at this critical transition time. This review will in turn allow Augusta to make a decision based on factual information which will provide the most benefits for the community. McKim & Creed has offered the attached professional services proposal to perform this work. According to the proposal the work can be accomplished in 12 weeks from notice to proceed. Based upon the results of this evaluation and the decision of the Commission, the Utilities Department would either initiate a new RFQ process for contract operations or begin recruiting and hiring new staff to prepare for the assumption of operations by AUD. All of these activities would need to be completed in time to allow for their implementation at midnight on December 31, 2009. If the decision of the Commission is to initiate a new RFQ for contract operations McKim & Creed would not be allowed to submit a statement of qualifications for this work.

Cover Memo

Financial Impact: \$73,850.00 from account 506043310-5212999.

Alternatives: 1) Approve a Professional Services Agreement with the consulting firm McKim & Creed in an amount not to exceed \$73,850.00 for the Evaluation of Alternatives for Operations of Water Pollution Control Facilities and Programs; 2) Reject the proposal and proceed with an internal evaluation without the benefit of a third-party assessment.

Recommendation: Approve a Professional Services Agreement with the consulting firm McKim & Creed in an amount not to exceed \$73,850.00 for the Evaluation of Alternatives for Operations of Water Pollution Control Facilities and Programs. (Funded by Account No. 506043310-5212999)

Funds are Available in the Following Accounts: Funded by Account No. 506043310-5212999

REVIEWED AND APPROVED BY:

Finance.
Procurement.
Law.
Administrator.
Clerk of Commission

Attachment A

Scope of Services

Augusta Utilities Department Wastewater Treatment Plants Evaluation

Project Purpose

Augusta Utility Department (AUD) has asked that an evaluation be conducted of the James B. Messerly (JBM) Wastewater Treatment Plant (WWTP) and Spirit Creek WWTP to assess the current contract operation being provided by OMI/CH2M HILL. The purpose of this evaluation is to provide input regarding a decision as to whether a continued contract operations arrangement is the most effective way in which to meet the wastewater treatment needs of AUD. The ultimate decisions that Augusta must make will depend on the evaluation of three options:

1. Continue to have a contract operations contract, competing it among qualified contract operations firms, or,
2. Return to an operations mode in which AUD operates the JBM WWTP and Spirit Creek WWTP as an operating division of AUD.
3. Return to an operations mode in which AUD operates the majority of the facilities, but some specific processes such as the land application program remain as a contracted operation.

The approach being proposed in this Scope of Services involves a broad overview and evaluation of the JBM WWTP and Spirit Creek WWTP that will serve as the basis for comparison of the current mode of operation with a mode involving return to the operation of these facilities by AUD.

Project Management

Joe Stowe will serve as the Project Manager for the AUD Wastewater Treatment Plants Evaluation project. Joe will be the primary contact for the Augusta Utilities Department (AUD) throughout the project. Jeff Adkins will serve as internal project manager and as the lead on Asset Management considerations.

Other key team members are:

Bob Rubin	Biosolids
Alex Monroe	Plant Operations
Lex Warmath, Raftelis	Financial

McKim & Creed plans to conduct two (2) workshops during this project. An initial kickoff meeting will be scheduled for April/May, 2009. Prior to the Kickoff Workshop, McKim &

Creed will provide a list of requested data and information that is required for the project. McKim & Creed will review information received from AUD prior to the Kickoff Workshop and report on the status of the information request at the workshop. The purpose of the kickoff workshop is to introduce the project team to AUD and the current contract operator (OMI/CH2MHILL), review project goals, objectives, and priorities, discuss the project approach and action plan for each task, finalize project schedule, and to review with the participants the activities planned in this project. Immediately prior to Workshop No. 1, key project team members will conduct a facility tour of the JBM WWTP and Spirit Creek WWTP.

- At the conclusion of the project, McKim & Creed will conduct a second workshop, to be scheduled in advance on a mutually agreeable date with AUD. At the second workshop, McKim & Creed will present its findings and conclusions.

The project final report will be submitted following Workshop No. 2. The scope of work and deliverables planned for each task are outlined below. Deliverables will be submitted to AUD in accordance with the Project Schedule (Attachment C).

As noted above, a broad overview and evaluation of the JBM WWTP and Spirit Creek WWTP will serve as the basis for the comparison of the current mode of operation with a mode involving a return to the operation of the facilities by AUD. AUD will provide a lead person with whom McKim & Creed will coordinate project activities. AUD will also coordinate with OMI/CH2M HILL to assure access to plants sites and to key staff members that the McKim & Creed team will need to interview.

Deliverables

- Meeting Summaries for each Workshop
- Final AUD WWTPs Evaluation Report

Task 1. Wastewater Treatment Operations Evaluation

The purpose of this task is to evaluate the operations of the JBM WWTP and Spirit Creek WWTP. McKim & Creed will review and assess the operations, staffing, organization, management and existing condition of the JBM WWTP and Spirit Creek WWTP, including associated residuals management facilities.

Scope of Work

The scope of work for this task includes the following:

- 1) **Data Collection** – McKim & Creed will collect and review data and information on JBM WWTP and Spirit Creek WWTP. McKim & Creed will provide a list of requested data and information to AUD prior to Workshop No. 1. To reduce printing effort, transmittal of this data to McKim & Creed electronically is encouraged. The data and information required for the Wastewater Treatment Operations Evaluation (other documents, data, and information may be identified as the project is complete) may include:
 - a) Daily Monitoring Reports (DMRs) for the JBM WWTP and Spirit Creek WWTP for 2008 through 2009 year-to-date.
 - b) Residuals processing data, land application data and groundwater monitoring data at land application sites for 2008 through current.

- c) Current staffing levels for the JBM WWTP and Spirit Creek WWTP, including filled and unfilled positions, including both OMI/CH2M HILL and AUD staff.
- d) Organizational chart for the JBM WWTP and Spirit Creek WWTP, including names of current incumbents.
- e) Organizational chart for the Augusta Utilities Department, including names of current key staff and OMI/CH2M HILL staff.
- f) Annual budgeted and operating expenses for fiscal years (FY) 2005 through current.
- g) Capital Improvements Plan for FY 2009 – 2013.
- h) Copies of all current NPDES and non-discharge permits related to JBM WWTP and Spirit Creek WWTP, as well as regulatory agency inspections and violation citations related to these permits, if any, for 2005 through 2009 year-to-date.
- i) Current Wastewater Master Plans and other recent engineering studies addressing operational issues, for the JBM WWTP and Spirit Creek WWTP and Residuals Management Program.
- j) Access to copies of current Standard Operating Procedures for the JBM WWTP and Spirit Creek WWTP (if not available electronically, these may be viewed at JBM WWTP during the site visits).
- k) Copies of internal reports from AUD to City/County Commission regarding the JBM WWTP and Spirit Creek WWTP.
- l) Other documents that are identified during the execution of the project that are determined as pertinent to this project.
- m) Copies of pay classifications and ranges of pay for all OMI/CH2M HILL staff members employed on JBM or Spirits Creed project.

- 2) **Site Visits** - McKim & Creed will conduct facility site visits to review and evaluate the operations and performance of the JBM WWTP and Spirit Creek WWTP. The site visits will include facility tours of each treatment process, administration facilities, laboratory facilities, maintenance facilities, residuals management facilities, and land application sites. McKim & Creed will not conduct any exploratory digging or investigations for other items that may be hidden from view.

McKim & Creed will observe the operability and general condition of major process equipment for liquid treatment at the JBM WWTP and Spirit Creek WWTP, and will note apparent deficiencies relating to condition and performance.

McKim & Creed will observe the current health and safety program at the JBM WWTP and Spirit Creek WWTP during the site visits, and will note training, documentation, availability of safety equipment, written safety procedures, and observation of safe operating practices at the plant.

- 3) **Staff Interviews** - McKim & Creed will conduct approximately 15 interviews over 3 consecutive days of AUD staff and Plant staff interviews discuss Plant operations. McKim & Creed will conduct interviews with staff, including the following:

- a) AUD Director of Utilities
- b) AUD Assistant Director of Utilities

- c) Other AUD Staff (e.g., Accounting)
- d) OMI/CH2M HILL Augusta Project Manager (JBM WWTP Spirit Creek WWTP)
- e) Process Operations Supervisor
- f) Maintenance Supervisors
- g) Shift Supervisors
- h) Residuals Program Manager
- i) Laboratory Manager
- j) Safety Coordinator
- k) Representative plant operators and maintenance staff (across skill levels)
- l) Biosolids Application Sub-contractor

Other utility staff may be interviewed as necessary for the evaluation of Plant operations, or as requested by AUD.

- 4) **Operations Evaluation** - McKim & Creed will review and evaluate data and information collected on Plant operations, maintenance and performance, operating costs, procurement procedures, capital planning, and management. McKim & Creed may also review materials identified during the staff interviews and facility site visits.
- 5) **Management Structure** – McKim & Creed will review the overall management structure and report initial findings and conclusions to AUD as a part of the final report.
- 6) **Residuals Management Evaluation** – McKim & Creed will evaluate the current Residuals Management Program, including the following tasks:
 - a) Cursory review of Plant residuals processing data to assess suitability for Class B and Class A pathogen reduction and vector attraction reduction requirements.
 - b) Cursory review of land application data and groundwater monitoring data to determine nutrient and metals application rates.
 - c) Review of Class B and Class A residuals storage, thickening and dewatering capacity at the JBM WWTP and Spirit Creek WWTP and adequacy for current year-round operations.
 - d) Review the current residuals program, record keeping, marketing plan and residuals distribution efforts, including planned marketing and distribution efforts not yet implemented.

Inconsistencies, significant data/information gaps, or contradictions in the data provided for review will be noted, as well as operational limitations in the existing Residuals Management Program.

- 7) **Comparison with Projected AUD Operation**—McKim & Creed will apply knowledge of comparable treatment facilities operated by AUD to serve as one source of information to use for comparisons with the contract operation of JBM WWTP. This information will include knowledge of the treatment processes, administration capabilities, laboratory capabilities, and maintenance capabilities. McKim & Creed will observe the operability and general condition of major process equipment at other facilities and will note apparent deficiencies relating to condition and performance.

McKim & Creed will review AUD's current health and safety program and will note training, documentation, availability of safety equipment, written safety procedures, and observation of safe operating practices at the plant.

McKim & Creed will review and evaluate information collected on AUD-managed operations and residuals management processes, maintenance and performance, operating costs, procurement procedures, capital planning, and management. On the basis of the information reviewed, McKim & Creed will compare similarities and differences between contract operations and presumed operations by AUD at the JBM WWTP and the Spirits Creek WWTP. In addition to the comparisons between these options, McKim & Creed will address projected operations requirements for the future expanded JBM plant under both the option of continued contract operations and operations by AUD. (Start-up programmed for 2nd Quarter, 2010)

Deliverables

- Consolidated set of Meeting Summaries from Plant staff interviews

Task 2. Budget and Financial Considerations

- 1) **Contract and Financial Terms Review** - McKim & Creed and its subconsultant, Raftelis Financial Consultants, will review contractual and financial terms for the current JBM WWTP and Spirit Creek WWTP operations contract, and will comment on whether the financial and contracting terms are comparable with similar utility contract operations.
- 2) **Budget and Capital Planning Review** - McKim & Creed and its sub-consultant will perform a review of the existing operations budget and capital planning program for the JBM and Spirit Creek Plants to identify current decision-making and record-keeping processes, expenditure approval and accounting processes, cost-control practices, and audit standards. McKim & Creed and its subconsultant will review actual versus budgeted costs for each year of contract operation that data is provided.
- 4) **Comparison with AUD Operation**— McKim & Creed and its sub-consultant will review budgets for other AUD operations, and comment on the comparative cost of the current WWTP contract operations with similar operations currently managed directly by AUD staff. Due to the disparities between the JBM and Spirits Creek plant operations and other AUD operations, direct financial comparisons and conclusions will be used only in instances where such comparisons are considered to be valid. In addition, high-level illustrations of the relative financial status of contract and AUD operations, and whether AUD operation of the facility is likely to result in significant savings to AUD, will be used.

Task 3. Final Project Report and Workshop

McKim & Creed will conduct a second workshop, of two to four hours duration, with AUD managers at their offices. McKim & Creed will present findings and conclusions for Operations Evaluation (Task 1), Financial/Budget Evaluation (Task 2), final recommendations, and a suggested implantation plan and schedule for the recommended option. At the workshop, McKim & Creed will present proposed components and recommendations to be included in the WWTP Evaluation Final Report, and solicit input from AUD staff on those recommendations.

Final Project Report – Approximately two weeks following the workshop, McKim & Creed will submit a final project report. The final report will include an Executive Summary to

highlight the findings, conclusions, and recommendations of the Plant Evaluation project. The McKim & Creed project manager will meet with AUD managers to deliver the report.

Attachment B

Compensation

McKim & Creed proposes to complete this project scope for a lump sum fee not to exceed \$ 73,850, distributed as shown in Table B-1. McKim & Creed will not exceed this fee without prior written approval of AUD.

TABLE B-1 Compensation Messerly WWTP Evaluation	
Task	Compensation
Task 1 – WWTP Operation Evaluation	\$29,325
Task 2 – Budget and Financial Considerations	\$19,900
Task 3 – Final Project Report and Workshop	\$24,625
Total	\$73,850

Attachment C

Project Schedule

Task Information		Week Following Notice to Proceed												
No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13
1	Team Mobilization													
	Kickoff Workshop		1											
	Data Collection/Review													
	Operations Review													
2	Financial/Contracting Evaluation													
3	Prepare For Workshop													
	Review Workshop										2			
	Prepare Final Report													
	Submit Final Report													



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Garbage Pickup RFP**

Department: Clerk of Commission

Caption: Discuss an RFP for once-a-week garbage pickup. (Requested by Commissioner Bowles)

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are Available in
the Following
Accounts:**

REVIEWED AND APPROVED BY:

Clerk of Commission



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Judicial Center Signage Package**

Department: Public Services Department - Facilities Management Division

Caption: Amend the agreement with Turner and Associates, Architects and Planners, to add the signage and graphics package to their scope of work for designing the Judicial Center in the amount of \$39,270.

Background: The Architectural contract for the Judicial Center does not include the fee for the specialty signage/graphics consultant for additional non-code required signage/graphics for the building and site. During the planning for the Judicial Center, the subcommittee requested that Turner and Associates submit an additional service proposal for signage/graphics services beyond the contracted code-required signage/graphics that Turner and Associates was originally contracted to provide.

Analysis: The authorization to proceed with the service is needed to continue to move the design of this project forward. These services were originally excluded from the Turner and Associates contract anticipating that Augusta would contract directly for these services. However, utilizing Turner and Associates to coordinate these services with the overall design is the recommendation of the subcommittee.

Financial Impact: A total fee of \$35,700.00, plus a \$3,570.00 reimbursable expense allowance, is proposed for additional expenses associated with providing this service for a total cost of \$39,270.00

Alternatives: 1. Amend the agreement with Turner and Associates, Architects and Planners, to add the signage and graphics package to their scope of work for designing the Judicial Center in the amount of \$39,270. 2. Do not amend the contract and issue a separate RFP.

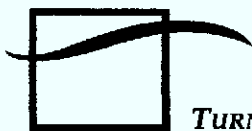
Recommendation: #1. Amend the agreement with Turner and Associates, Architects and Planners, to add the signage and graphics package to their scope of work for designing the Judicial Center in the amount of \$39,270.

Funds are Available in the Following Accounts: Funds are available in the SPLOST funding for the Judicial Center Project.

Cover Memo

REVIEWED AND APPROVED BY:

Finance.
Procurement.
Law.
Administrator.
Clerk of Commission



TURNER ASSOCIATES

MAR 23 2009

March 20, 2009

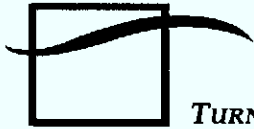
Mr. Lindsay Johnson
501 Greene Street, Suite 313
ARC Capital Improvements Program Management
Augusta, Georgia 30901

RE: ARC Judicial Center
TA Project Number 007003.01
Additional Service Proposal
Graphics / Signage

Dear Lindsay:

Turner Associates is pleased to have the opportunity to offer additional professional services for the scope of services as herein defined. This proposal is intended to respond to a request to provide additional professional services relative to providing for exterior and interior signage/graphics for the referenced project; as per our earlier agreement, Turner Associates is already under contract to provide for code required signage/graphics. The proposed scope of services is as defined in the attached letter by Jones Worley, dated February 20, 2009, which defines services to be provided from Programming/Schematic Design through Contract Administration. There will be no additional fee reflected in this proposal for the referenced services for code required signage/graphics since, as noted above, these services are in our current scope. RicciGreene will be providing design assistance relative to the additional interior and exterior signage / graphics so their proposal, dated March 13, 2009, is also included. The terms and conditions of our services, except as modified herein, will remain the same as in our Agreement.

Turner Associates proposes to provide these services for a lump sum fee of thirty five thousand seven hundred dollars (\$35,700.00). Please find attached a spreadsheet titled "Graphics / Signage", dated March 20, 2009, with a breakdown of the proposed fees. Since there will be additional expenses associated with our services, we also propose that the reimbursable expense allowance for the project be increased by three thousand five hundred seventy dollars (\$3,570.00).



TURNER ASSOCIATES

We request written approval of this request by means of signing and returning a copy of this proposal. At a future time convenient to the Owner, we anticipate that an amendment to our Agreement may be required to be executed.

Sincerely:

David J. Bitter, AIA

Approved for Augusta Richmond County

By _____

Title _____

Date _____

Cc: File 007003.01/A1, Oscar Harris, Michael Martin

ARC Judicial Center
TA Project #007003.01

Graphics/Signage
Additional Service Fee

March 20, 2009

Item	Description	Comments	Ricci Greene	Wood- hurst	Pruett Ford	EDC	N&B	SafeTech	Jones Worley	Turner	TOTAL
1	Graphics	Per 3/20/09 Proposal	\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 4,200	\$ 35,700
	Total Fees		\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 4,200	\$ 35,700



February 20, 2009

David J. Bitter, AIA
Turner Associates
215 Peachtree Street
Suite 200
Atlanta, GA 30303

RE: Augusta Richmond County Judicial Center Wayfinding & Signage Proposal

Dear David,

Thank you for giving Jones Worley the opportunity to submit this Letter of Agreement to develop a wayfinding and signage program for the Augusta Richmond County Judicial Center. We are excited about the possibility of working with your firm on this important project.

Based in Atlanta, Jones Worley has the experience, wisdom and insight that can only be achieved through more than 18 years of practice working in environments similar to this project. Our related experience includes:

- U. S. Federal Courthouse - *Savannah, GA*
- Federal Reserve Bank of Atlanta - *Atlanta, GA*
- BellSouth Atlanta Metro Plan - *Atlanta, GA*
- Centers for Disease Control and Prevention - *Atlanta, GA*
- Jacksonville Public Library System - *Jacksonville, FL*

Attached please find a description of the services we will provide. If you have questions, feel free to contact me at 404.876.9272.

Sincerely,
JONES WORLEY

A handwritten signature in black ink that reads "BNation".

Barry Nation
Senior Vice President, EGD

CC: Cynthia Jones Parks, President

AUGUSTA RICHMOND COUNTY JUDICIAL CENTER

Wayfinding & Signage

I. SCOPE OF WORK

We understand that the scope of signage and wayfinding work will involve a new 4-story Courts Building plus site development. Furthermore, we understand our work will be implemented in conjunction with your firm.

In order to define the services to be provided in this proposal, we have prepared a preliminary list of signs and elements as a guide that we will be designing. Sign types are distinguished as having different functions or requiring different fabrication techniques due to size, message, material, mounting method or performance requirements. Based on our experience on similar projects and initial knowledge of the proposed facility, a typical project such as this may include the following sign types:

Proposed Typical Sign Types (list includes Exterior, Code and Interior in order of occurrence):

1. Site Identification Monument
2. Building Address Numerals / Letters
3. Vehicular Directional Sign
4. GDOT-Type Regulatory Signage ("STOP", HC Parking, etc.)
5. Pedestrian Directional Trailblazers
6. Building Entrance Signage / Graphics
7. Building or Site Dedication Signage / Graphics
8. Reception / Information Desk graphics
9. County Seal wall graphics / floor graphics
10. Lobby Directory / Kiosk Sign
11. Wall Mounted Directional Sign
12. Elevator / Floor Directory Sign
13. Courtroom/Department Identification Sign
14. Courtroom Graphics/Seal
15. Restroom Identification Sign
16. General Room Identification Sign
17. Office Identification Sign with space for changeable name insert
18. Cubicle or Workstation Identification Sign
19. Back-of-house Room Identification sign
20. Typical Information Sign
21. Life Safety / Evacuation Sign
22. Stairwell Identification Sign
23. Internal Stairwell Egress Sign
24. Area of Refuge Identification Sign

II. SCOPE OF SERVICES:

Programming/Schematic Design (includes 2 meetings in Augusta)

1. Attend kick-off meeting in Augusta
2. Review architectural drawings, codes, proposed materials, interior finishes, and colors.
3. Program sign locations and sign message schedules on scaled architectural building plans.
4. Prepare up to 3 Signage Design Concepts illustrated using typical sign types.
5. Prepare estimated construction budgets.
6. Review concepts internally with team.
7. Review and present Design Concepts and estimated costs at 1 meeting in Augusta where the team shall select 1 concept to develop.

Design Development (includes 2 meetings in Augusta)

1. Refine the selected Design Concept based on feedback.
2. Prepare final DD documents, to include revised sign location plans and sign message schedules, sign type elevations, material and color notes, and outline 101400 specifications.
3. Identify areas requiring architectural, structural and/or electrical coordination.
4. Review and present Developed Concept at 1 meeting in Augusta.

Construction Documents / Bidding (includes 1 meeting in Augusta)

1. Develop Design Intent Drawings for each required sign type. Design Intent Drawings will be drafted in scale and will include typical elevations and sign face layouts, profiles, overall sign dimensions, sections and details, mounting guidelines, colors, finishes, and material notes in sufficient detail to fix the character of each sign type.
2. Finalize sign location plans and sign message schedules.
3. Finalize 101400 specifications.
4. Submit a list of qualified potential sign vendors (if desired).
5. Issue CDs for bid
6. Answer bidder RFIs.

Contract Administration (includes 2 visits to project site)

1. Answer vendor RFIs.
2. Review shop drawings, colors and materials submittals.
3. Perform final inspections and punchlist.

III. PROJECT SCHEDULE - The following project time requirements are proposed:

Programming/Schematic Design	2 to 3 weeks
Design Development.....	3 to 4 weeks
Construction Documents / Bidding.....	3 to 4 weeks
Contract Administration.....	Allow 8 to 10 weeks for fabrication and install (by others)

IV. COMPENSATION

	Exterior	Codes	Interior	PHASE TOTALS
Programming/Schematic Design	\$3,000	\$3,000	\$7,000	\$14,000
Design Development	\$3,000	\$3,000	\$6,000	\$11,000
Construction Documents / Bidding	\$2,000	\$2,000	\$3,000	\$7,000
Contract Administration	\$2,500	\$1,500	\$1,500	\$5,500
PROJECT TOTALS	\$10,500	\$9,500	\$17,500	\$37,500
<i>Estimated Reimbursable Expenses</i>				\$1,500

V. HOURLY RATES

Principal.....	\$135.00
Project Manager.....	\$125.00
Senior Designer.....	\$115.00
Project Designer.....	\$90.00
Administrative.....	\$55.00

VI. GENERAL CONDITIONS

1. Work requested outside the SCOPE OF SERVICES shall be considered additional service and subject to additional compensation at the rates listed above (Hourly Rates). We shall inform the Client of tasks that are considered additional services; a brief authorization or agreement must be signed prior to the execution of such work.
2. This Letter of Agreement shall be valid for a period of thirty days for Owner signature.
3. Either the Client or Jones Worley may terminate this agreement with seven working days' written notice. The Client agrees to pay for services rendered up to the date of termination.

VII. NEXT STEPS

To authorize work to begin on this project, please sign and date below and return original to Jones Worley. If a purchase order or billing reference is required, please provide the number and attach a copy of the P.O. In anticipation of a signed contract, if you would like to engage Jones Worley, we will accept an interim letter authorizing us to proceed.

Submitted by:
JONES WORLEY

Submitted to:
Turner Associates



Barry Nation
Senior Vice President, EGD

Authorized Signature

Date

R I C C I G R E E N E A S S O C I A T E S

March 13, 20089

David Bitter, Project Manager
Turner Associates Architects
215 Peachtree Street suite 200
Atlanta, GA 30303

Subject: Additional Graphic Design support
Augusta Richmond county courthouse

Dear Dave:

We are pleased to present the following proposal for design and coordination support for the added signage intended to enable orientation and wayfinding for the public. Its is important that RGA be present at the programming and design meetings, as well as to maintain an active role in the development of the wayfinding concept. We look forward to this opportunity to serve the people of Augusta Richmond County

This proposal is intended to complement the approved proposal from the graphics consultant, Jones Worley. We have not worked with them before, but understand that they are accomplished in this area. Our proposed participation in this process includes the programming and design presentation meetings, as well as two design team coordiination meetings as follows:

<u>Meetings in Augusta</u>		
Programming	4 hours	\$ 500
Schematic Design	4 hours	\$ 500
Design Development	4 hours	\$ 500
Input and Review of signage design		
	16 hours	\$ 2,000
TOTAL		\$ 3,500

Thank you for the opportunity to again be of service to Augusta Richmond County.

Sincerely,

Frank J. Greene, FAIA
Principal



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Manchester Section One Phase One**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve the deeds of dedication, maintenance agreement, and road resolutions submitted by the Engineering and Augusta Utilities Departments for Manchester Subdivision, Section One, Phase One.

Background: The final plat was approved by the Commission on August 15, 2006. The subdivision design and plat, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors. The Utilities Department has inspected and reviewed the water and sanitary sewer installations, and hereby requests acceptance of the utility deed.

Analysis: This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section. Acceptance of said utility deed shall dedicate, as required, the water and sanitary sewer mains along with the applicable easements to Augusta, Georgia, for operation and maintenance.

Financial Impact: By accepting these roads and storm drainage installations into the County system and after the 18-month maintenance warranty by the developer/contractor for the roads and storm drainage has expired, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed, all future maintenance and associated costs for water and sanitary sewer installations will be borne by Augusta, Georgia, and positive revenue will be generated from the sale of water and sanitary sewer taps and monthly billing of same.

Alternatives: 1. Approve the deeds of dedication, maintenance agreement, and road resolutions submitted by the Engineering, and Augusta Utilities Departments for Manchester Subdivision, Section One, Phase One. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: Not required at this time.

Cover Memo

REVIEWED AND APPROVED BY:

Finance.
Law.
Administrator.
Clerk of Commission



ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

Anthony (Tony) E. Williams,
Construction Manager

MEMORANDUM

To: George Patty
Director Planning and Zoning

AEW **From:** Anthony (Tony) E. Williams, Construction Manager

Date: Tuesday, August 26, 2008

Subject: Certificate of Completion
Dedication of Manchester Section One, Phase One
File reference: 2008 – 05 (A)

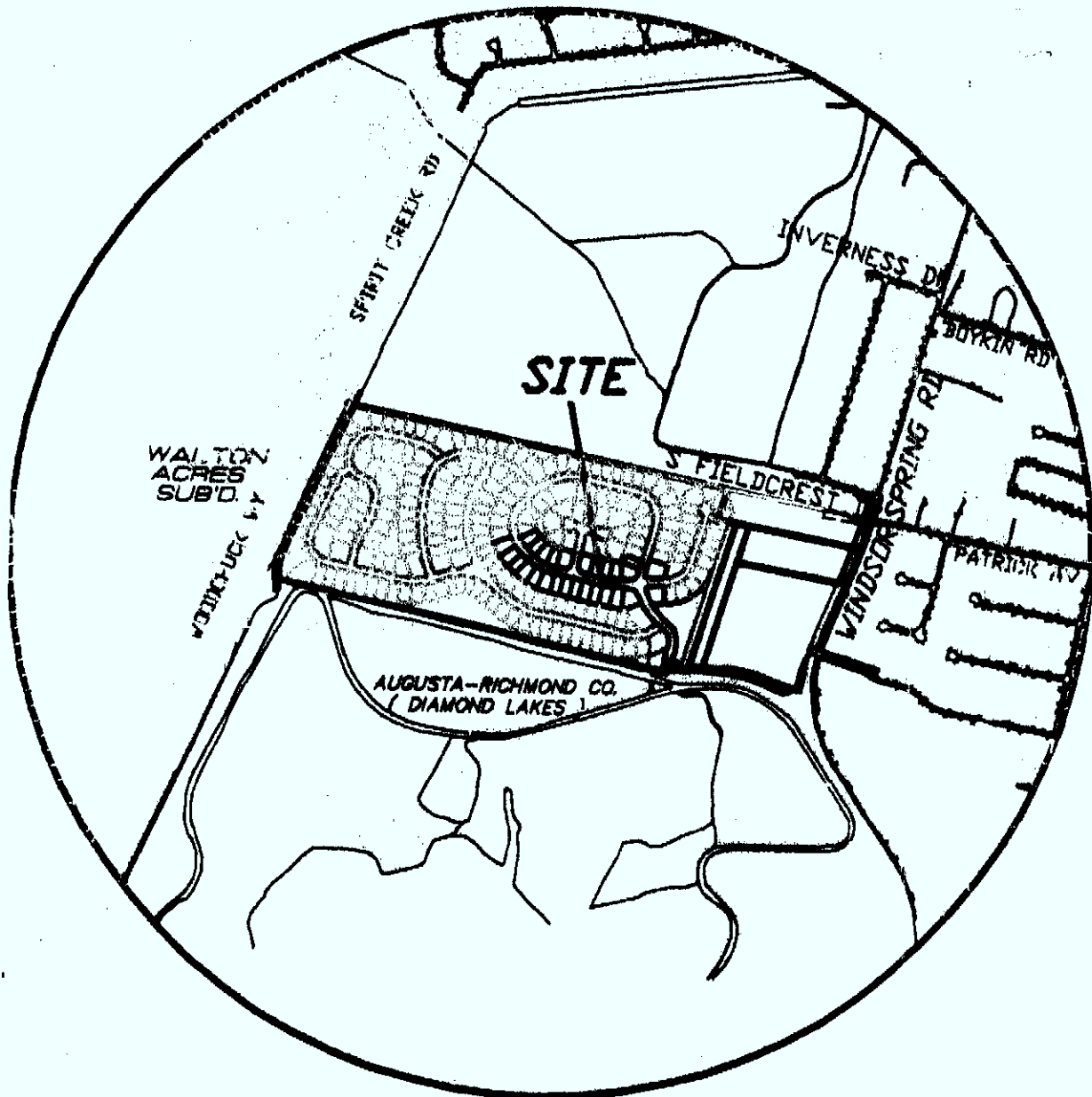
As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set forth in said documents. Therefore, the names of all streets and drainage related structures in subject development are hereby recommended for acceptance into the City of Augusta infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

AEW

Attachment

cc: Abie L. Ladson, P.E., Director - Engineering Department
Hameed Malik, PhD., P.E., Assistant Director – Engineering Department
Michael Greene, Interim Director Public Services
Dennis Stroud, Assistant Director Public Services
Terri Turner, Planning & Zoning
File



LOCATION MAP

STATE OF GEORGIA
COUNTY OF RICHMOND

DEED OF DEDICATION
(Roads and Storm Drainage)

THIS IDENTURE, made and entered into this ____ day of _____, 20__, by and between **NORDAHL & CO., INC.**, hereinafter referred to as the Party of the FIRST PART, and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, acting by and through its Augusta, Georgia Commission, as the party of the SECOND PART.

WITNESSETH:

THAT the said Party of the FIRST PART, for and in consideration of the sum of One Dollar (\$1.00) in cash to it in hand paid by the Party of the SECOND PART, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed and by these presents does grant, bargain, sell, release, convey and confirm unto the said Party of the SECOND PART, its successors and assigns, the following described property, to-wit:

ALL PORTION OF PROPERTY SHOWN ON THE PLAT HEREIN REFERRED TO AS ALL THOSE STREETS AND STORM DRAINAGE SYSTEMS located in Manchester Section I, Phase I according to the plat prepared by Southern Partners, Inc., dated May 3, 2006, being shown as the following streets: Dave MacDonald Drive, Glenn Roberts Drive, Frank Warren Drive and T.J. Kelly Drive, particularly shown and designated on said plat as recorded in the Office of the Clerk of Superior Court, Augusta-Richmond County, Georgia, in Book 2, Page 389, to which plat reference is made for a complete and accurate description as to the metes, bounds, and location of said easements.

TOGETHER with an easement to enter upon all areas shown as drainage and utility easements shown on said plat:

TO HAVE AND TO HOLD SAID PROPERTY and all singular the members and appurtenances therein belonging as aforesaid, and every part thereof, unto the said party of the SECOND PART, its successor and assigns, forever, in FEE SIMPLE.

IN WITNESS WHEREOF, the said Party of the FIRST PART has caused these presents to be executed the day and year first above written as the date of these presents.

Signed, sealed and delivered
In the presence of:

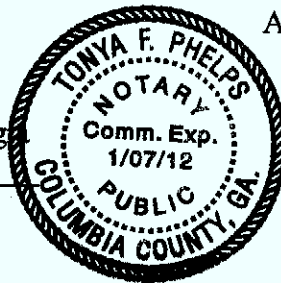
NORDAHL & CO., INC.

[Signature]
[Signature]

Notary Public

Columbia County, Georgia

Commission expires _____



By: [Signature] (Seal)
As Its: TR-65.

Accepted by Augusta, Georgia
By and through its Commission

By: _____
As the Mayor

Attest: Clerk of Commission

08
315709

STATE OF GEORGIA)
)
COUNTY OF RICHMOND)

**MAINTENANCE AGREEMENT
(Roads and Storm Drainage)**

THIS AGREEMENT, entered into this ____ day of _____, 20____, by and between NORDAHL & CO., INC., hereinafter referred to as "Developer," and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, acting by and through its Commission, hereinafter referred to as "Augusta."

WHEREAS, Developer requested that the Augusta, Georgia, Commission accept certain roads, storm drains and appurtenances for Pinehurst, Section 6, Phase II, as shown by deed contemporaneously tendered and recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____, and

WHEREAS, the City has adopted a policy requiring the Developer to maintain all installations laid or installed in the subdivision for a period of eighteen months, which Augusta accepts by deed;

NOW, THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, IT IS AGREED that:

(1) The City accepts the roads and appurtenances, storm drains and appurtenances, respectfully described in the deed contemporaneously tendered herewith to the Augusta, Georgia, Commission, recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____.

(2) The Developer agrees to maintain all the installations laid or installed in said subdivision as described in said deed for a period of eighteen months from the date herein.

(3) The Developer agrees that if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the deed due to failure of material or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

(4) In the event of such failure of the improvements, the City shall notify the Developer and set forth in writing the items in need of repair. The Developer shall present within fifteen business days its proposed plan of repair and shall have the repairs completed at a reasonable time, as determined by Augusta.

(5) In the event of an emergency, as determined by Augusta, the Developer is unable to respond in a timely manner, Augusta shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem at the Developer's expense and to allow the Developer time to make the needed repairs.

(6) In the event the Developer fails to comply with the terms of this agreement, then Augusta shall proceed to have the necessary corrective work done, and the Developer agrees to be responsible to Augusta for payment in full of costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, Developer has hereunto set his hand and seal, and Augusta has caused the execution of this agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

DEVELOPER
NORDAHL & CO., INC.

BY: *Can* (L.S.)
AS ITS: *Tredg.*

AUGUSTA, GEORGIA
COMMISSION

_____(L.S.)
As Its Mayor

ATTEST:

Clerk of Commission

cc
3/5/09

SUBDIVISION: Manchester, Section One, Phase One

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Glenn Roberts Drive is an existing road in Richmond County, Georgia,
open to public usage; and

WHEREAS, Richmond County desires to make Glenn Roberts Drive a part of its County
Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County
Commission-Council of Richmond County, Georgia, that Glenn Roberts Drive is hereby added to its
official County Road System of Record, being described as follows and as shown on the attached sketch
map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Dave Macdonald Drive
Extending approx. 143' NE
- (b) Length of road to nearest 1/100th mile:
0.03 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a
certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section
District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

cc
3/5/09

SUBDIVISION: Manchester, Section One, Phase One

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, T.J. Kelly Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make T.J. Kelly Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that T.J. Kelly Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Dave Macdonald Drive
Extending approx. 250' SW
- (b) Length of road to nearest 1/100th mile:
0.05 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

CCB
3/5/09

SUBDIVISION: Manchester, Section One, Phase One

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Frank Warren Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Frank Warren Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Frank Warren Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Dave Macdonald Drive
Extending approx. 146' East
- (b) Length of road to nearest 1/100th mile:
0.03 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

cbf
3/5/09

SUBDIVISION: Manchester, Section One, Phase One

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Dave Macdonald Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Dave Macdonald Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Dave Macdonald Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:

Beginning at Diamond Lakes Way

Extending approx. 953.2' N and NW and crosses
Intersection with Frank Warren Drive; also extends
approx. 1,071.5' NW from intersection with Frank
Warren Drive

- (b) Length of road to nearest 1/100th mile:

0.38 mile

- (c) Width & type of road surface:

31 foot from back curb to back of curb;
type E asphalt

- (d) Right-of-Way:

60 foot (R/W varies at intersection
with Diamond Lakes Way)

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

copy
3/5/09

description as to the metes, bounds and location of said easements, and said plat has been attached hereto and by reference made a part thereof;

SAID EASEMENT BEING IN THE NATURE of a right-of-way for the purpose of laying, relaying, installing, extending, adding, expanding, operating, repairing, and maintaining pipelines transporting and carrying utility services, the same hereinafter being referred to as the "**PROJECT**";

TOGETHER WITH THE RIGHT, when construction or maintenance is necessary, to dig such trenches in said property, as may be necessary for the project; to pile thereon the material excavated, and to haul pipe, supplies and equipment connected with the construction and maintenance thereof, over, along, and across the said property, along with the free right of ingress and egress to and from said permanent easements for these purposes.

THE PARTY OF THE FIRST PART, its successors, legal representatives, and assigns, does also grant, bargain, sell and convey unto Augusta, its successors and assigns, the right, but not the duty, to clear, and keep clear, all trees, undergrowth and other obstructions from said permanent easement, along with the free right of ingress and egress to and from said permanent easements for these purposes.

THE PARTY OF THE FIRST PART, its successors, legal representatives, and assigns does agree that no other utilities may be constructed within the aforesaid easements in perpetuity.

THE PARTY OF THE FIRST PART, its successors, assigns and legal representatives, after the completion of this Project, shall have the right to use said parcels of land in any manner not inconsistent or interfering with the rights herein granted, excluding, however, the right to plant thereon any trees or other vegetation that may interfere with the laying, relaying, installing, extending, operating, repairing and maintaining of pipelines transporting and carrying utility services and the right to erect, construct or maintain thereon any buildings, structures, or other permanent improvements.

TO HAVE AND TO HOLD the aforesaid rights, ways, easements, privileges and appurtenances unto the said Party of the Second Part, its successors and assigns, in perpetuity.

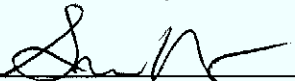
AND THE SAID PARTY OF THE FIRST PART, its successors, legal representatives, and assigns, shall and will forever warrant and defend unto the Party of the Second Part, his successors and assigns, the rights, ways, and easements, privileges, and appurtenances conveyed herein, against the claim or claims of any person or person whomsoever.

WHENEVER there shall be more than one grantor, the phrase "Party of the First Part" and all related pronouns, related pronouns and verbs shall read as if written in the plural form. When the grantor is an individual, all such phrases, related pronouns and relative pronouns shall be read as if written in the feminine, masculine, or neuter, and the word "heirs" shall be substituted for the word "successors" at the appropriate place or places.

IN WITNESS WHEREOF, the said Party of the First Part has caused these presents to be executed the day and year first above written as the date of these presents.

SIGNED, SEALED, AND DELIVERED in our presence:

Nordahl & Company Inc.
Manchester, Section One Phase One

By:  9/11/08
Greg Hall

As Its: Certified Superintendent

 9-11-08
Witness


Notary Public

Notary Public, Columbia County, Georgia
My Commission Expires Aug. 21, 2011

Attest: _____

As Its: _____

(SEAL)

Accepted by:
AUGUSTA, GEORGIA

By: _____
As Its Mayor

Attest: _____
Clerk of Commission

(SEAL)

OK
3/5/09

UTILITY AS-BUILT

SECTION ONE FRANK ONE MANCHESTER

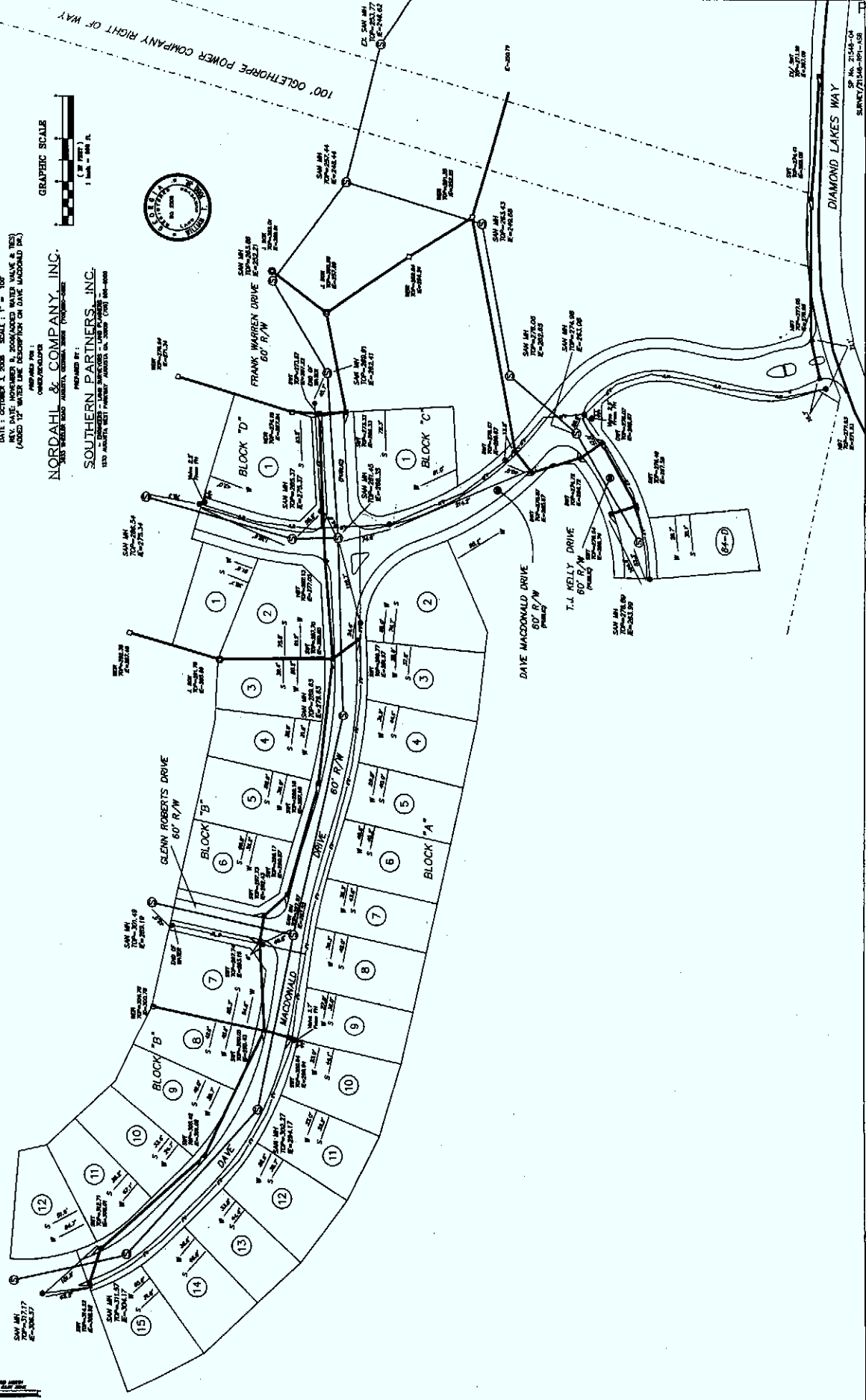
PROPERTY LOCATED IN THE (SOUTH) GALT,
AUGUSTA, RICHMOND COUNTY, GEORGIA
DATE: OCTOBER 3, 2008 SCALE: 1" = 100'
REV. DATE: NOVEMBER 8, 2008 (ADDED WATER VALVE & TEST)
(ADDED 12" WATER LINE DESCRIPTION ON DAVE MACDONALD DR.)

PREPARED BY:

NORDAHL & COMPANY, INC.
1000 W. 10TH STREET, SUITE 100
DENVER, CO 80202
TEL: 303.733.1100 FAX: 303.733.1101
WWW.NORDAHL.COM

SOUTHERN PARTNERS, INC.
1500 AVENUE WEST, SUITE 100
DENVER, CO 80202
TEL: 303.733.1100 FAX: 303.733.1101
WWW.SOUTHERNPARTNERS.COM

GRAPHIC SCALE





**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Manchester Subdivision, Section One, Phase Two**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve the deeds of dedication, maintenance agreement, and road resolutions submitted by the Engineering and Augusta Utilities Departments for Manchester Subdivision, Section One, Phase Two.

Background: The final plat was approved by the Commission on October 17, 2006. The subdivision design and plat, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors. The Utilities Department has inspected and reviewed the water and sanitary sewer installations, and hereby requests acceptance of the utility deed.

Analysis: This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section. Acceptance of said utility deed shall dedicate, as required, the water and sanitary sewer mains along with the applicable easements to Augusta, Georgia, for operation and maintenance.

Financial Impact: By accepting these roads and storm drainage installations into the County system and after the 18-month maintenance warranty by the developer/contractor for the roads and storm drainage has expired, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed, all future maintenance and associated costs for water and sanitary sewer installations will be borne by Augusta, Georgia, and positive revenue will be generated from the sale of water and sanitary sewer taps and monthly billing of same.

Alternatives: 1. Approve the deeds of dedication, maintenance agreement, and road resolutions submitted by the Engineering, and Augusta Utilities Departments for Manchester Subdivision, Section One, Phase Two. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: Not required at this time.

Cover Memo

REVIEWED AND APPROVED BY:

Finance.
Law.
Administrator.
Clerk of Commission



ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

Anthony (Tony) E. Williams,
Construction Manager

MEMORANDUM

To: George Patty
Director Planning and Zoning

From: Anthony (Tony) E. Williams, Construction Manager

Date: Tuesday, September 06, 2008

Subject: Certificate of Completion
Dedication of Manchester, Section One Phase Two
File reference: 2008 – 05 (A)

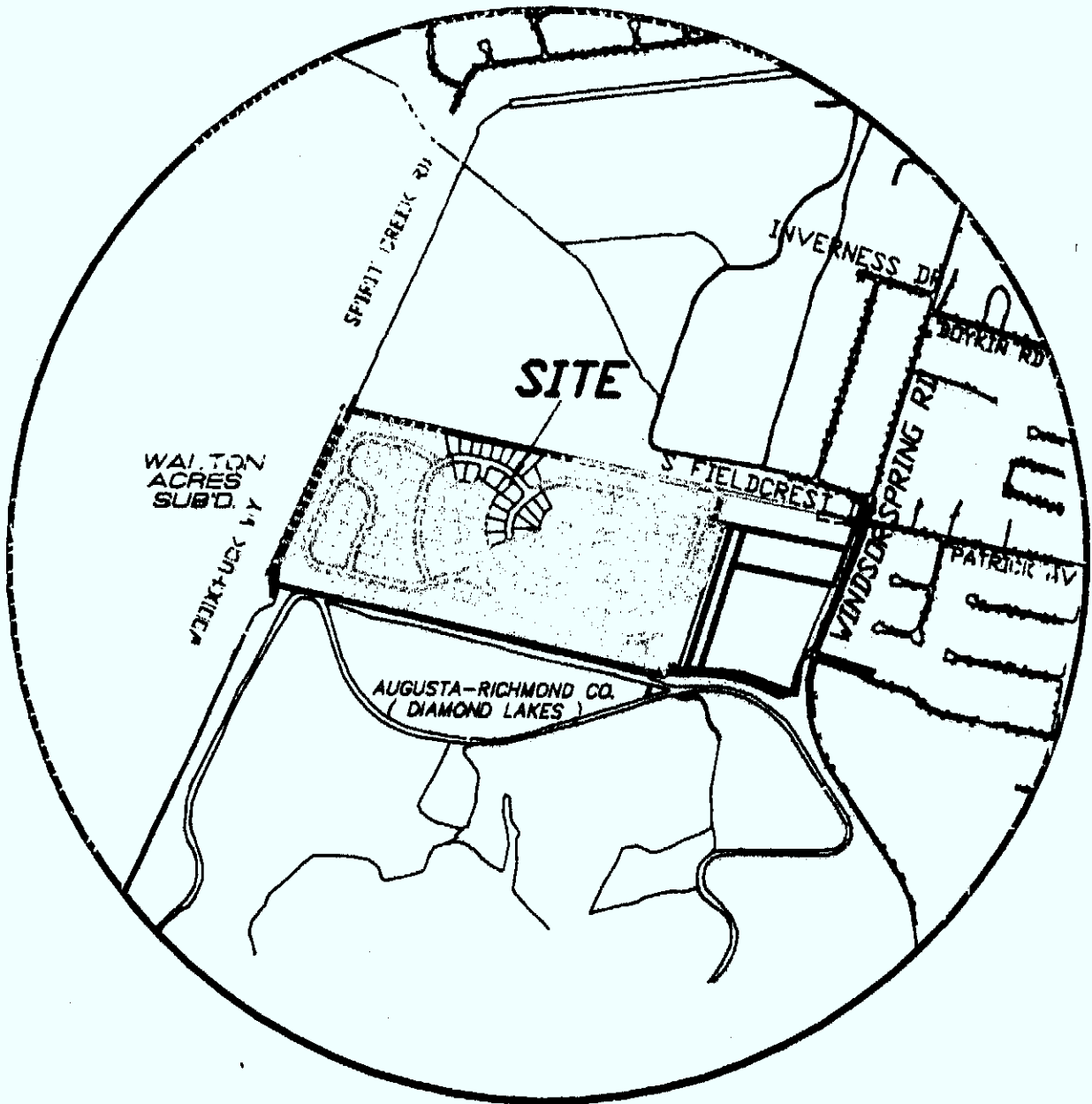
As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set forth in said documents. Therefore, the names of all streets and drainage related structures in subject development are hereby recommended for acceptance into the City of Augusta infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

AEW

Attachment

cc: Abie L. Ladson, P.E., Director - Engineering Department
Hameed Malik, PhD., P.E., Assistant Director – Engineering Department
Michael Greene, Interim Director Public Services
Dennis Stroud, Assistant Director Public Services
Terri Turner, Planning & Zoning
File



LOCATION MAP

STATE OF GEORGIA
COUNTY OF RICHMOND

DEED OF DEDICATION
(Roads and Storm Drainage)

THIS IDENTURE, made and entered into this ____ day of _____, 20__, by and between **NORDAHL & CO., INC.**, hereinafter referred to as the Party of the FIRST PART, and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, acting by and through its Augusta, Georgia Commission, as the party of the SECOND PART.

WITNESSETH:

THAT the said Party of the FIRST PART, for and in consideration of the sum of One Dollar (\$1.00) in cash to it in hand paid by the Party of the SECOND PART, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed and by these presents does grant, bargain, sell, release, convey, and confirm unto the said Party of the SECOND PART, its successors and assigns, the following described property, to-wit:

ALL PORTION OF PROPERTY SHOWN ON THE PLAT HEREIN REFERRED TO AS ALL THOSE STREETS AND STORM DRAINAGE SYSTEMS located in Manchester Section I, Phase II according to the plat prepared by Southern Partners, Inc., dated September 5, 2006, being shown as the following streets: Dave MacDonald Drive, Weldon Adams Drive and T.J. Kelly Drive, particularly shown and designated on said plat as recorded in the Office of the Clerk of Superior Court, Augusta-Richmond County, Georgia, in Book 2, Page 567, to which plat reference is made for a complete and accurate description as to the metes, bounds, and location of said easements.

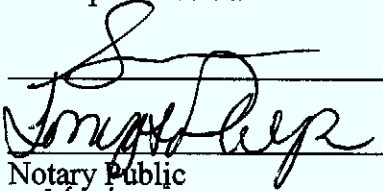
TOGETHER with an easement to enter upon all areas shown as drainage and utility easements shown on said plat:

TO HAVE AND TO HOLD SAID PROPERTY and all singular the members and appurtenances therein belonging as aforesaid, and every part thereof, unto the said party of the SECOND PART, its successor and assigns, forever, in FEE SIMPLE.

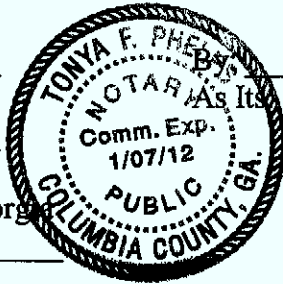
IN WITNESS WHEREOF, the said Party of the FIRST PART has caused these presents to be executed the day and year first above written as the date of these presents.

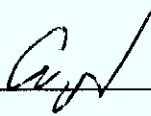
Signed, sealed and delivered
In the presence of:

NORDAHL & CO., INC.



Notary Public
Columbia County, Georgia
Commission expires _____



_____
(Seal)
TREAS.

Accepted by Augusta, Georgia
By and through its Commission

By: _____
As the Mayor

Attest: Clerk of Commission

08
3/5/09

STATE OF GEORGIA)
)
COUNTY OF RICHMOND)

**MAINTENANCE AGREEMENT
(Roads and Storm Drainage)**

THIS AGREEMENT, entered into this ____ day of _____, 20____, by and between NORDAHL & Co., Inc., hereinafter referred to as "Developer," and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, acting by and through its Commission, hereinafter referred to as "Augusta."

WHEREAS, the Developer requested that the Augusta, Georgia, Commission accept certain roads, storm drains and appurtenances for Manchester Section I, Phase II, as shown by deed contemporaneously tendered and recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____, and

WHEREAS, the City has adopted a policy requiring the Developer to maintain all installations laid or installed in the subdivision for a period of eighteen months, which Augusta accepts by deed;

NOW, THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, IT IS AGREED that:

(1) The City accepts the roads and appurtenances, storm drains and appurtenances, respectfully described in the deed contemporaneously tendered herewith to the Augusta, Georgia, Commission, recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____.

(2) The Developer agrees to maintain all the installations laid or installed in said subdivision as described in said deed for a period of eighteen months from the date herein.

(3) The Developer agrees that if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the deed due to failure of material or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

SUBDIVISION: Manchester, Section One, Phase Two

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Weldon Adams Drive is an existing road in Richmond County, Georgia,
open to public usage; and

WHEREAS, Richmond County desires to make Weldon Adams Drive a part of its
County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County
Commission-Council of Richmond County, Georgia, that Weldon Adams Drive is hereby added to its
official County Road System of Record, being described as follows and as shown on the attached sketch
map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Dave McDonald Drive
Extending approx. 723' NW and W
- (b) Length of road to nearest 1/100th mile:
0.14 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a
certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section
District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

cc
3/5/09

SUBDIVISION: Manchester, Section One, Phase Two

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, T.J. Kelly Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make T.J. Kelly Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that T.J. Kelly Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Weldon Adams Drive
Extending approx. 166' SW
- (b) Length of road to nearest 1/100th mile:
0.03 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

CS
2/5/09

SUBDIVISION: Manchester, Section One, Phase Two

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Dave Macdonald Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Dave Macdonald Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Dave Macdonald Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at 533.3' NW of the intersection of
Glenn Roberts Dr. & Dave Macdonald Drive
Extending approx. 496' NW and then NE

(b) Length of road to nearest 1/100th mile:

0.09 mile

(c) Width & type of road surface:

31 foot from back curb to back of curb;
type E asphalt

(d) Right-of-Way:

60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA-RICHMOND COUNTY
COMMISSION

BY: _____

Mayor

Attest: _____

006
3/5/09

STATE OF GEORGIA) **DEED OF DEDICATION (UTILITY)**
COUNTY OF RICHMOND) **FOR MANCHESTER, SECTION ONE, PHASE TWO**

THIS INDENTURE, made and entered into this _____ day of _____, ²⁰⁰⁹~~2007~~
between the **Nordahl & Company, Inc., Manchester, Section One, Phase Two** hereinafter
referred to as the Party of the First Part, and **AUGUSTA, GEORGIA**, a political subdivision of
the State of Georgia, hereinafter referred to as the Party of the Second Part;

WITNESSETH:

THAT SAID UTILITY PIPELINES, herein described, have been inspected by the
Augusta Utilities Department and accepted on _____ day of _____; and

THAT the said Party of the First Part, for and in consideration of the sum of Ten Dollars
and no/100 (\$10.00) in cash to it in hand paid by the Party of the Second Part, the receipt of
which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and
other good and valuable considerations, has granted, bargained, sold, released, conveyed and
confirmed unto the said Party of the Second Part, its successors and assigns the following
described property, to-wit:

**A TWENTY FOOT - EASEMENT IN PERPETUITY – CENTERED OVER
PIPELINE UNDER, ACROSS AND THROUGH** the approximately marked strips of land,
together with the pipelines and appurtenances located therein, which are delineated on a plat
prepared for Nordahl & Company, Inc. by Southern Partners, Inc. dated June 28, 2007, revised
date N/A, which plat reference is made for a more complete and accurate description as to the

metes, bounds and location of said easements, and said plat has been attached hereto and by reference made a part thereof;

SAID EASEMENT BEING IN THE NATURE of a right-of-way for the purpose of laying, relaying, installing, extending, adding, expanding, operating, repairing, and maintaining pipelines transporting and arrying utility services, the same hereinafter being referred to as the "**PROJECT**;"

TOGETHER WITH THE RIGHT, when construction or maintenance is necessary, to dig such trenches in said property, as may be necessary for the project; to pile thereon the material excavated, and to haul pipe, supplies and equipment connected with the construction and maintenance thereof, over, along, and across the said property, along with the free right of ingress and egress to and from said permanent easements for these purposes.

THE PARTY OF THE FIRST PART, its successors, legal representatives, and assigns, does also grant, bargain, sell and convey unto Augusta, its successors and assigns, the right, but not the duty, to clear, and keep clear, all trees, undergrowth and other obstructions from said permanent easement, along with the free right of ingress and egress to and from said permanent easements for these purposes.

THE PARTY OF THE FIRST PART, its successors, legal representatives, and assigns does agree that no other utilities may be constructed within the aforesaid easements in perpetuity.

THE PARTY OF THE FIRST PART, its successors, assigns and legal representatives, after the completion of this Project, shall have the right to use said parcels of land in any manner not inconsistent or interfering with the rights herein granted, excluding, however, the right to plant thereon any trees or other vegetation that may interfere with the laying, relaying, installing, extending, operating, repairing and maintaining of pipelines transporting and carrying utility services and the right to erect, construct or maintain thereon any buildings, structures, or other permanent improvements.

TO HAVE AND TO HOLD the aforesaid rights, ways, easements, privileges and appurtenances unto the said Party of the Second Part, its successors and assigns, in perpetuity.

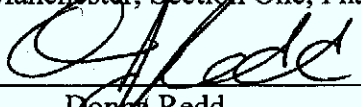
AND THE SAID PARTY OF THE FIRST PART, its successors, legal representatives, and assigns, shall and will forever warrant and defend unto the Party of the Second Part, his successors and assigns, the rights, ways, and easements, privileges, and appurtenances conveyed herein, against the claim or claims of any person or person whomsoever.

WHENEVER there shall be more than one grantor, the phrase "Party of the First Part" and all related pronouns, related pronouns and verbs shall read as if written in the plural form. When the grantor is an individual, all such phrases, related pronouns and relative pronouns shall be read as if written in the feminine, masculine, or neuter, and the word "heirs" shall be substituted for the word "successors" at the appropriate place or places.

IN WITNESS WHEREOF, the said Party of the First Part has caused these presents to be executed the day and year first above written as the date of these presents.

SIGNED, SEALED, AND DELIVERED in our presence:

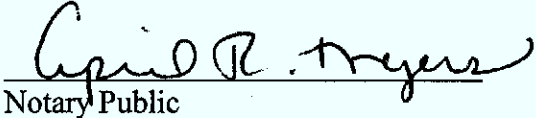
Nordahl & Company, Inc.
Manchester, Section One, Phase Two

By:  10/4/07
Donna Redd

As Its: Vice President

 10-4-07

Witness


Notary Public

Attest: _____

As Its: _____

My Commission Expires Notary Public, Columbia County, Georgia
My Commission Expires Aug. 21, 2011

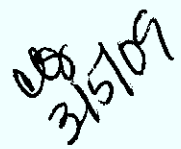
(SEAL)

Accepted by:
AUGUSTA, GEORGIA

By: _____
As Its Mayor

Attest: _____
Clerk of Commission

(SEAL)



RECORD PLAT

SECTION ONE, PHASE TWO

MANCHESTER

PROPERTY LOCATED IN THE NORTH GADSDEN
COUNTY, ALABAMA, SECTION 26, T10N, R10E

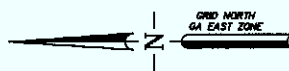
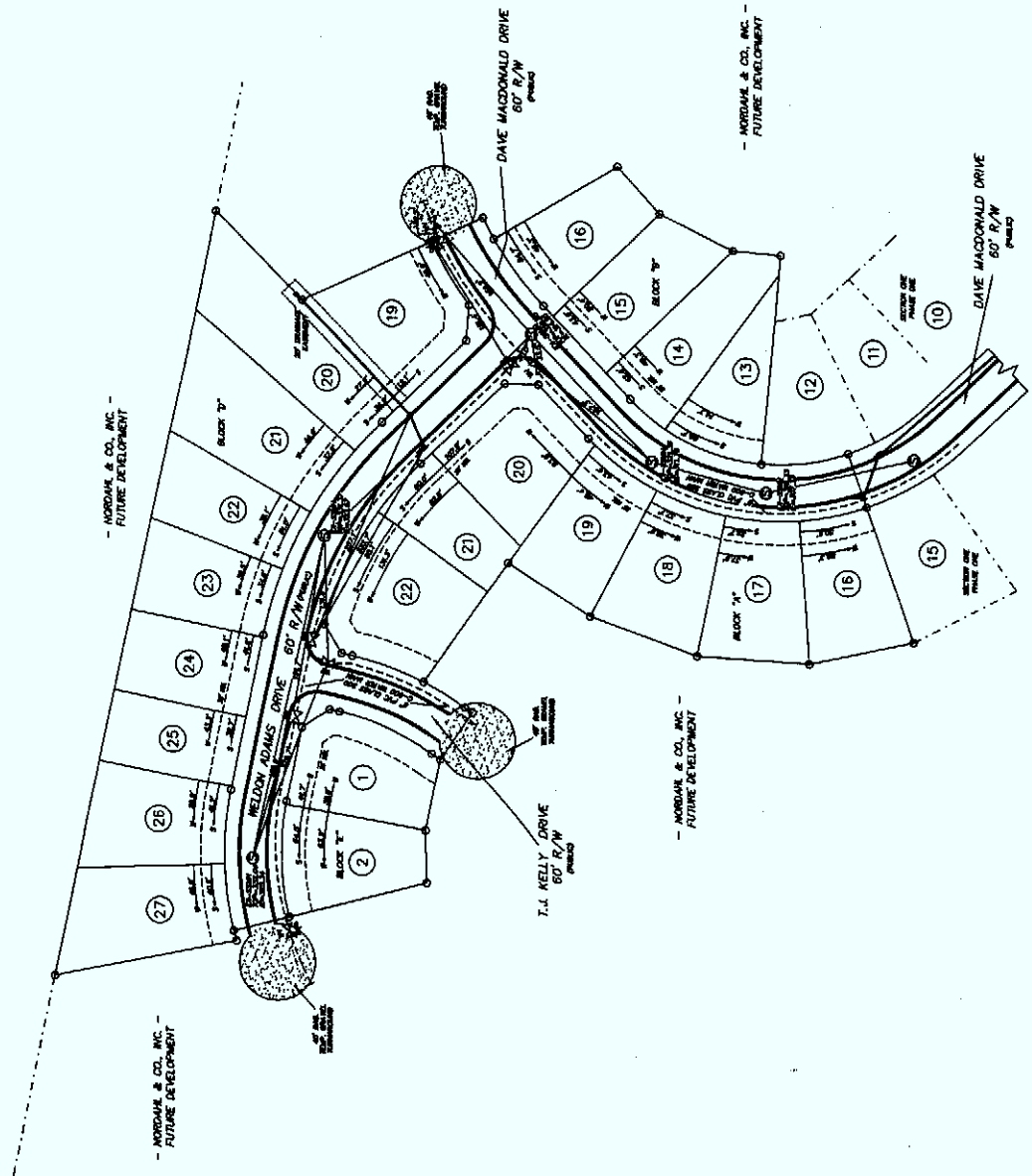
DATE: JUNE 28, 2007 SCALE: 1" = 60'

PREPARED BY:
NORDAHL & COMPANY, INC.

NORDAHL & COMPANY, INC.
3005 WILSON ROAD, ALABAMA, SECTION 26, T10N, R10E

SOUTHERN PARTNERS, INC.
1000 AVENUE WEST, TARRANT, ALABAMA, SECTION 26, T10N, R10E

REMARKS: LAND SURVEYED - LAND SURVEYED -
1000 AVENUE WEST, TARRANT, ALABAMA, SECTION 26, T10N, R10E





**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Ordinance Amendment- multi-family dwelling**

Department: Law

Caption: Motion to approve an ordinance to amend Augusta-Richmond County, Ga. Code, Section 5-2-45 to clarify multi-family dwelling water and sewer rates; to repeal all ordinances and parts of ordinance in conflict herewith; and for other purposes.

Background: On February 3, 2009, Augusta-Richmond County Commission approved clarification of multi-family dwelling water and sewer rates.

Analysis: The February 3, 2009 approved clarification of the multi-family dwelling water and sewer rate needs to be incorporated into the Augusta, GA CODE by adoption of the attached ordinance.

Financial Impact: AUD states there will be no additional cost.

Alternatives: 1. Approve clarification of multi-family dwelling water and sewer rates. 2. Do not approve the agenda item.

Recommendation: Approve motion to amend Code for clarification of multi-family dwelling water and sewer rates.

Funds are Available in the Following Accounts: N/A

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**

ORDINANCE NO. _____

AN ORDINANCE TO AMEND AUGUSTA-RICHMOND COUNTY, GA. CODE, TITLE FIVE, SECTION 5-2-45 TO CLARIFY MULTI-FAMILY DWELLING WATER AND SEWER RATES; TO REPEAL ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH; AND FOR OTHER PURPOSES.

WHEREAS, Augusta-Richmond County, Georgia desires to update and amend the Augusta-Richmond County, Ga. Code to clarify multi-family dwelling water and sewer rates;

BE IT ORDAINED BY THE AUGUSTA-RICHMOND COUNTY, GA. COMMISSION AND IT IS HEREBY ORDAINED BY THE AUTHORITY OF SAME, that the Augusta-Richmond County, Ga. Code be amended as follows:

SECTION 1. The Augusta-Richmond County, Ga. Code, Title Five, Section 5-2-45 is hereby amended by adding a new subparagraph (f) to read as follows:

(f) Multi-family dwellings with a water meter size of one (1) inch or greater are considered commercial accounts for billing purposes, regardless of the type of entity that is being billed.

SECTION 2. This Ordinance shall become effective immediately upon adoption.

SECTION 3. All Ordinances or parts of ordinances in conflict with this Ordinance are hereby repealed.

SECTION 4. Should any section, provision or clause of any part of this Ordinance be declared invalid or unconstitutional, or if the provisions of any part of this Ordinance as applied to any particular situation or set of circumstances be declared invalid or unconstitutional, such invalidity shall not be construed to affect portions of this Ordinance not so held to be invalid, or the application of this Ordinance to other circumstances not so held to be invalid, it is hereby

declared as the intent that this Ordinance would have been adopted had such invalid portion not been included herein.

Adopted this ____ day of April, 2009.

David S. Copenhaver
As its Mayor

Attest:

Lena J. Bonner, Clerk of Commission

Seal:

CERTIFICATION

The undersigned Clerk of Commission, Lena J. Bonner, hereby certifies that the foregoing Ordinance was duly adopted by the Augusta-Richmond County, Ga. Commission on _____, 2009 and that such Ordinance has not been modified or rescinded as of the date hereof and the undersigned further certifies that attached hereto is a true copy of the Ordinance which was approved and adopted in the foregoing meeting(s).

Lena J. Bonner, Clerk of Commission

Published in the Augusta Chronicle.

Date: _____



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Pinehurst Subdivision, Section Six, Phase 3**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve the deeds of dedication, maintenance agreement, and road resolution submitted by the Engineering and Augusta Utilities Departments for Pinehurst Subdivision, Section Six, Phase 3.

Background: The final plat was approved by the Commission on May 16, 2006. The subdivision design and plat, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors. The Utilities Department has inspected and reviewed the water and sanitary sewer installations, and hereby requests acceptance of the utility deed.

Analysis: This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section. Acceptance of said utility deed shall dedicate, as required, the water and sanitary sewer mains along with the applicable easements to Augusta, Georgia, for operation and maintenance.

Financial Impact: By accepting this road and storm drainage installations into the County system and after the 18-month maintenance warranty by the developer/contractor for the roads and storm drainage has expired, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed, all future maintenance and associated costs for water and sanitary sewer installations will be borne by Augusta, Georgia, and positive revenue will be generated from the sale of water and sanitary sewer taps and monthly billing of same.

Alternatives: 1. Approve the deeds of dedication, maintenance agreement, and road resolution submitted by the Engineering, and Augusta Utilities Departments for Pinehurst, Section Six, Phase 3. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: Not required at this time.

Cover Memo

REVIEWED AND APPROVED BY:

Finance.
Law.
Administrator.
Clerk of Commission



ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

Anthony (Tony) E. Williams,
Construction Manager

MEMORANDUM

To: George Patty
Director Planning and Zoning

AEW **From:** Anthony (Tony) E. Williams, Construction Manager

Date: Tuesday, August 26, 2008

Subject: Certificate of Completion
Dedication of Pinehurst Section Six, Phase 3
File reference: 2008 – 05 (A)

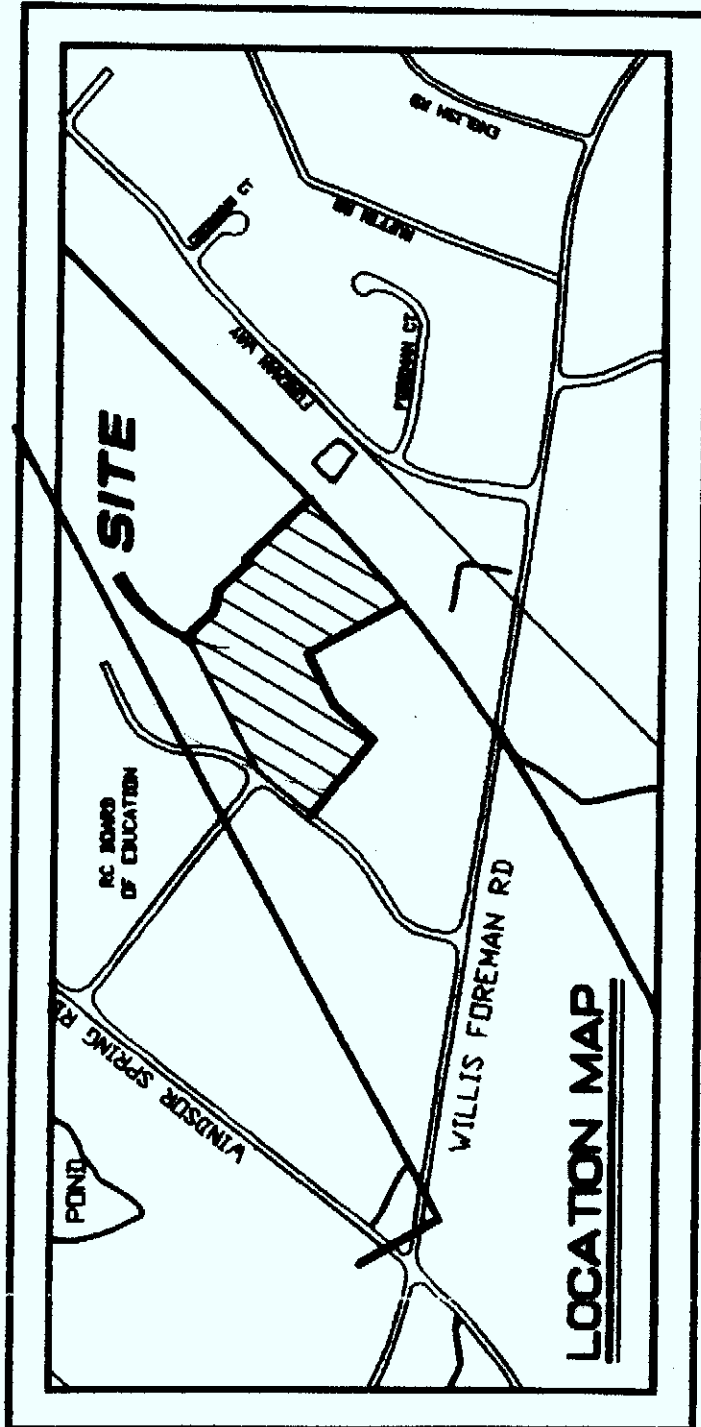
As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set forth in said documents. Therefore, the names of all streets and drainage related structures in subject development are hereby recommended for acceptance into the City of Augusta infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

AEW

Attachment

cc: Abie L. Ladson, P.E., Director - Engineering Department
Hameed Malik, PhD., P.E., Assistant Director – Engineering Department
Michael Greene, Interim Director Public Services
Dennis Stroud, Assistant Director Public Services
Terri Turner, Planning & Zoning
File



STATE OF GEORGIA
COUNTY OF RICHMOND

DEED OF DEDICATION
(Roads and Storm Drainage)

THIS IDENTURE, made and entered into this ____ day of _____, 2009, by and between NORDAHL & CO., INC. hereinafter referred to as the Party of the FIRST PART, and Augusta, Georgia, a political subdivision of the State of Georgia, acting by and through its Augusta, Georgia Commission, as the party of the SECOND PART.

WITNESSETH:

THAT the said Party of the FIRST PART, for and in consideration of the sum of One Dollar (\$1.00) in cash to it in hand paid by the Party of the SECOND PART, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed and by these presents does grant, bargain, sell, release, convey, and confirm unto the said Party of the SECOND PART, its successors and assigns, the following described property, to-wit:

ALL PORTION OF PROPERTY SHOWN ON THE PLAT HEREIN REFERRED TO AS ALL THOSE STREETS AND STORM DRAINAGE SYSTEMS, located in Pinehurst Section 6 Phase III, according to the plat prepared by Southern Partners, Inc., dated March 28, 2006, being shown as the following streets: Laural Oak Drive particularly shown and designated on said plat as recorded in the Office of the Clerk of Superior Court, Augusta-Richmond County, Georgia, in Book 2, Page 432, to which plat reference is made for a complete and accurate description as to the metes, bounds, and location of said easements.

TOGETHER with an easement to enter upon all areas shown as drainage and utility easements shown on said plat:

TO HAVE AND TO HOLD SAID PROPERTY and all singular the members and appurtenances therein belonging as aforesaid, and every part thereof, unto the said party of the SECOND PART, its successor and assigns, forever, in FEE SIMPLE.

IN WITNESS WHEREOF, the said Party of the FIRST PART has caused these presents to be executed the day and year first above written as the date of these presents.

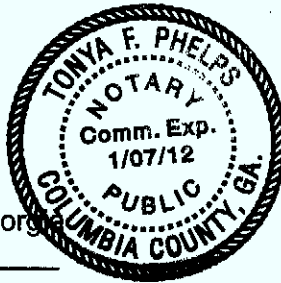
NORDAHL & CO., INC.

By: *GN* (Seal)
As Its: *TRQ95*

Signed, sealed and delivered
In our presence:

 Tony Phelps
Notary Public

 Columbia County, Georgia
Commission expires



Accepted by Augusta, Georgia
By and through its Commission

By:
As the Mayor

Attest: Clerk of Commission

086
3/5/09

STATE OF GEORGIA)
)
COUNTY OF RICHMOND)

**MAINTENANCE AGREEMENT
(Roads and Storm Drainage)**

THIS AGREEMENT, entered into this ____ day of _____, 20____, by and between NORDAHL & CO., INC., hereinafter referred to as "Developer," and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, acting by and through its Commission, hereinafter referred to as "Augusta."

WHEREAS, Developer requested that the Augusta, Georgia, Commission accept certain roads, storm drains and appurtenances for Pinehurst, Section 6, Phase III, as shown by deed contemporaneously tendered and recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____, and

WHEREAS, the City has adopted a policy requiring the Developer to maintain all installations laid or installed in the subdivision for a period of eighteen months, which Augusta accepts by deed;

NOW, THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, IT IS AGREED that:

(1) The City accepts the roads and appurtenances, storm drains and appurtenances, respectfully described in the deed contemporaneously tendered herewith to the Augusta, Georgia, Commission, recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____.

(2) The Developer agrees to maintain all the installations laid or installed in said subdivision as described in said deed for a period of eighteen months from the date herein.

(3) The Developer agrees that if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the deed due to failure of material or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

(4) In the event of such failure of the improvements, the City shall notify the Developer and set forth in writing the items in need of repair. The Developer shall present within fifteen business days its proposed plan of repair and shall have the repairs completed at a reasonable time, as determined by Augusta.

(5) In the event of an emergency, as determined by Augusta, the Developer is unable to respond in a timely manner, Augusta shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem at the Developer's expense and to allow the Developer time to make the needed repairs.

(6) In the event the Developer fails to comply with the terms of this agreement, then Augusta shall proceed to have the necessary corrective work done, and the Developer agrees to be responsible to Augusta for payment in full of costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, Developer has hereunto set his hand and seal, and Augusta has caused the execution of this agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

DEVELOPER
NORDAHL & CO., INC.

BY: [Signature] (L.S.)

AS ITS: DR & A. Gurn

AUGUSTA, GEORGIA
COMMISSION

_____(L.S.)
As Its Mayor

ATTEST:

Clerk of Commission

006
3/15/09

SUBDIVISION: Pinehurst, Section Six, Phase 3

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Laural Oak Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Laural Oak Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Laural Oak Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Windsor Spring Road
Extending approx. 424' SE
- (b) Length of road to nearest 1/100th mile:
0.08 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
R/W varies

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

CP
3/5/09

THIS INDENTURE, made and entered into this _____ day of _____, 2008²⁰⁰⁹
between the **Nordahl & Co., Inc., Pinehurst Section Six, Phase 3** hereinafter referred to as the
Party of the First Part, and **AUGUSTA, GEORGIA**, a political subdivision of the State of
Georgia, hereinafter referred to as the Party of the Second Part;

WITNESSETH:

THAT SAID UTILITY PIPELINES, herein described, have been inspected by the Augusta Utilities Department and accepted on day of ; and

THAT the said Party of the First Part, for and in consideration of the sum of Ten Dollars and no/100 (\$10.00) in cash to it in hand paid by the Party of the Second Part, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed unto the said Party of the Second Part, its successors and assigns the following described property, to-wit:

A TWENTY FOOT - EASEMENT IN PERPETUITY – CENTERED OVER PIPELINE UNDER, ACROSS AND THROUGH the approximately marked strips of land, together with the pipelines and appurtenances located therein, which are delineated on a plat prepared for Nordahl & Co., Inc. by Southern Partners, Inc. dated September 29, 2008 revised date N/A, which plat reference is made for a more complete and accurate description as to the

metes, bounds and location of said easements, and said plat has been attached hereto and by reference made a part thereof;

SAID EASEMENT BEING IN THE NATURE of a right-of-way for the purpose of laying, relaying, installing, extending, adding, expanding, operating, repairing, and maintaining pipelines transporting and carrying utility services, the same hereinafter being referred to as the "**PROJECT**;"

TOGETHER WITH THE RIGHT, when construction or maintenance is necessary, to dig such trenches in said property, as may be necessary for the project; to pile thereon the material excavated, and to haul pipe, supplies and equipment connected with the construction and maintenance thereof, over, along, and across the said property, along with the free right of ingress and egress to and from said permanent easements for these purposes.

THE PARTY OF THE FIRST PART, its successors, legal representatives, and assigns, does also grant, bargain, sell and convey unto Augusta, its successors and assigns, the right, but not the duty, to clear, and keep clear, all trees, undergrowth and other obstructions from said permanent easement, along with the free right of ingress and egress to and from said permanent easements for these purposes.

THE PARTY OF THE FIRST PART, its successors, legal representatives, and assigns does agree that no other utilities may be constructed within the aforesaid easements in perpetuity.

THE PARTY OF THE FIRST PART, its successors, assigns and legal representatives, after the completion of this Project, shall have the right to use said parcels of land in any manner not inconsistent or interfering with the rights herein granted, excluding, however, the right to plant thereon any trees or other vegetation that may interfere with the laying, relaying, installing, extending, operating, repairing and maintaining of pipelines transporting and carrying utility services and the right to erect, construct or maintain thereon any buildings, structures, or other permanent improvements.

TO HAVE AND TO HOLD the aforesaid rights, ways, easements, privileges and appurtenances unto the said Party of the Second Part, its successors and assigns, in perpetuity.

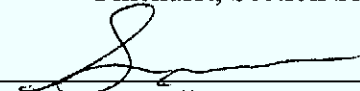
AND THE SAID PARTY OF THE FIRST PART, its successors, legal representatives, and assigns, shall and will forever warrant and defend unto the Party of the Second Part, his successors and assigns, the rights, ways, and easements, privileges, and appurtenances conveyed herein, against the claim or claims of any person or person whomsoever.

WHENEVER there shall be more than one grantor, the phrase "Party of the First Part" and all related pronouns, related pronouns and verbs shall read as if written in the plural form. When the grantor is an individual, all such phrases, related pronouns and relative pronouns shall be read as if written in the feminine, masculine, or neuter, and the word "heirs" shall be substituted for the word "successors" at the appropriate place or places.

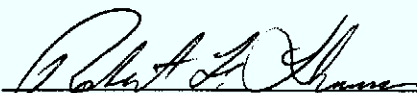
IN WITNESS WHEREOF, the said Party of the First Part has caused these presents to be executed the day and year first above written as the date of these presents.

SIGNED, SEALED, AND DELIVERED in our presence:

Nordahl & Co., Inc.
Pinehurst, Section Six, Phase 3

By: 
Greg Hall

As Its: Assistant Vice-President

 2-12-09
Witness


Notary Public

Attest: _____

My Commission Expires _____
Notary Public, Columbia County, Georgia
My Commission Expires Aug. 21, 2011
As Its: _____

(SEAL)

Notary Public, Columbia County, Georgia
My Commission Expires Aug. 21, 2011

Accepted by:
AUGUSTA, GEORGIA

By: _____
As Its Mayor

Attest: _____
Clerk of Commission

(SEAL)


CBG
3/6/09

UTILITY AS-BUILT

SECTION 50, PHASE 3

PINEHURST

PROPERTY LOCATED IN THE NORTH HALL

AUGUSTA, RICHMOND COUNTY, GEORGIA

DATE: SEPTEMBER 29, 2006 SCALE: 1" = 40'

DESIGNED BY:

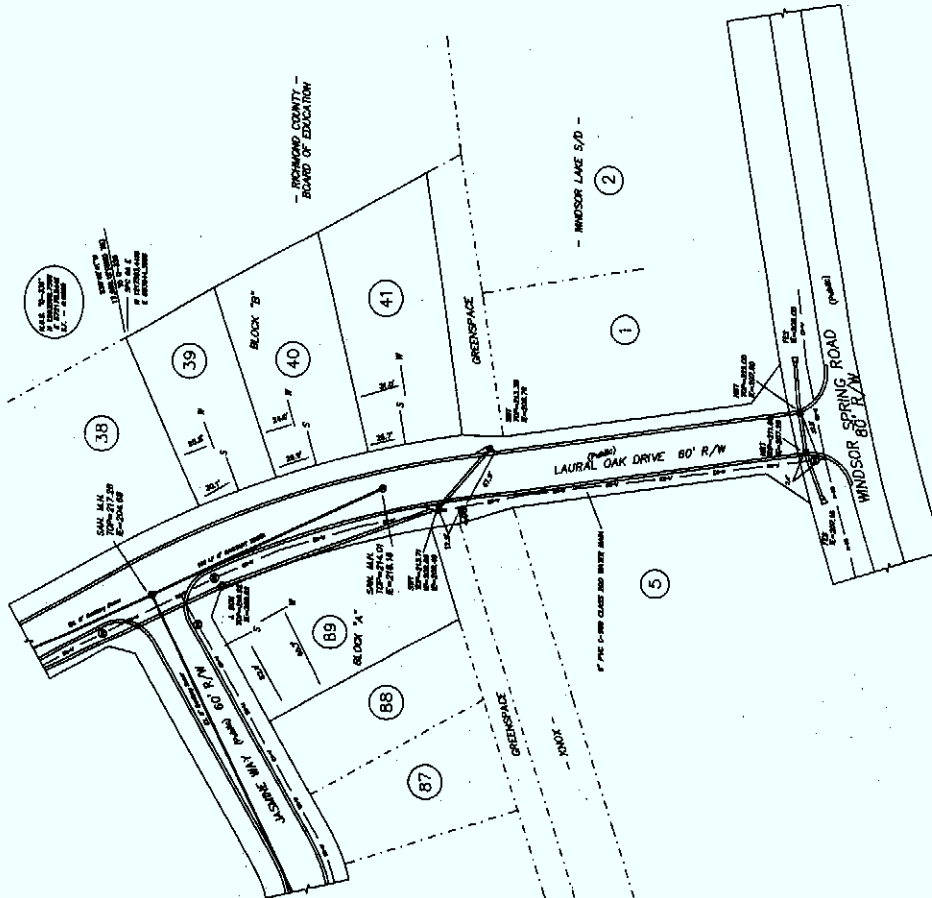
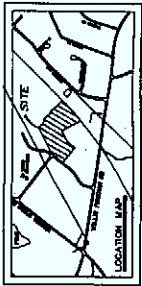
NORDAHL & CO., INC.

FOR THE CLIENT:

SOUTHERN PARTNERS, INC.

1333 MARKET STREET, SUITE 100, ATLANTA, GA 30309 (404) 525-4000

GRAPHIC SCALE



FIELD CHECK
DATE: 10/10/06
BY: [Signature]
FOR: [Signature]
NOTED: 10/10/06
BY: [Signature]
FOR: [Signature]
NOTED: 10/10/06

Note: According to field file, please refer to the plan for the location of the utility lines. The utility lines are not located in a 100 year floodplain.

SP No. 2432-06
NORMAL/NOVA-PINEHURST/SECTION 47/AS-BUILT-3-100



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Pinehurst, Section Six, Phase 2**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve the deed of dedication and road resolutions submitted by the Engineering Department for Pinehurst, Section Six, Phase 2.

Background: The final plat was approved by the Commission on June 21, 2005. The subdivision design and plat, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors.

Analysis: This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section.

Financial Impact: By accepting these roads into the County system, all future maintenance and associated costs will be borne by Augusta, Georgia.

Alternatives: 1. Approve the deed of dedication and road resolutions submitted by the Engineering Department for Pinehurst, Section Six, Phase 2. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: Not required at this time.

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**



ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

Anthony (Tony) E. Williams,
Construction Manager

MEMORANDUM

To: George Patty
Director Planning and Zoning

AEW **From:** Anthony (Tony) E. Williams, Construction Manager

Date: Tuesday, August 26, 2008

Subject: Certificate of Completion
Dedication of Pinehurst Section Six, Phase 2
File reference: 2008 – 05 (A)

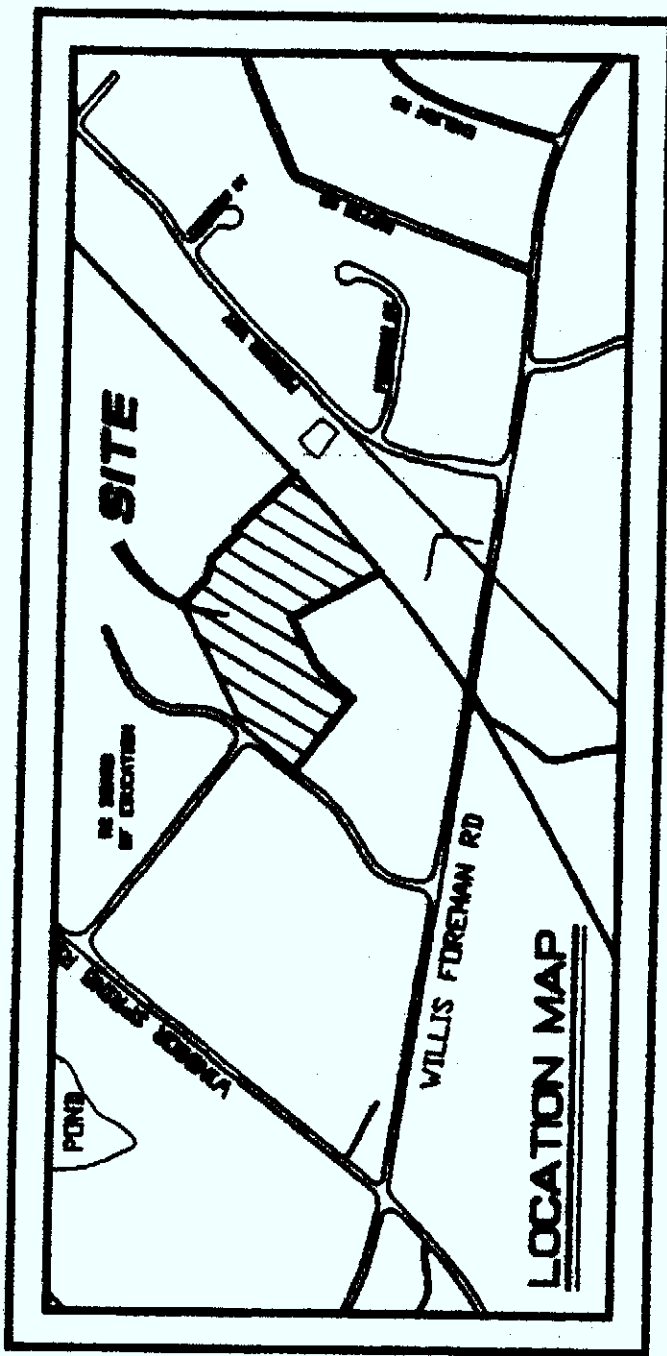
As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set forth in said documents. Therefore, the names of all streets and drainage related structures in subject development are hereby recommended for acceptance into the City of Augusta infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

AEW

Attachment

cc: Abie L. Ladson, P.E., Director - Engineering Department
Hameed Malik, PhD., P.E., Assistant Director – Engineering Department
Michael Greene, Interim Director Public Services
Dennis Stroud, Assistant Director Public Services
Terri Turner, Planning & Zoning
File



STATE OF GEORGIA
COUNTY OF RICHMOND

DEED OF DEDICATION
(Roads and Storm Drainage)

THIS IDENTURE, made and entered into this ____ day of _____, 2009, by and between NORDAHL & CO., INC. hereinafter referred to as the Party of the FIRST PART, and Augusta, Georgia, a political subdivision of the State of Georgia, acting by and through its Augusta, Georgia Commission, as the party of the SECOND PART.

WITNESSETH:

THAT the said Party of the FIRST PART, for and in consideration of the sum of One Dollar (\$1.00) in cash to it in hand paid by the Party of the SECOND PART, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed and by these presents does grant, bargain, sell, release, convey, and confirm unto the said Party of the SECOND PART, its successors and assigns, the following described property, to-wit:

ALL PORTION OF PROPERTY SHOWN ON THE PLAT HEREIN REFERRED TO AS ALL THOSE STREETS AND STORM DRAINAGE SYSTEMS, located in Pinehurst Section 6 Phase II, according to the plat prepared by Southern Partners, Inc., dated May 17, 2005, being shown as the following streets: Laural Oak Drive and Jasmine Way particularly shown and designated on said plat as recorded in the Office of the Clerk of Superior Court, Augusta-Richmond County, Georgia, in Book 1, Page 1087, and re-recorded in Book 1, Page 1123 to which plat reference is made for a complete and accurate description as to the metes, bounds, and location of said easements.

TOGETHER with an easement to enter upon all areas shown as drainage and utility easements shown on said plat:

TO HAVE AND TO HOLD SAID PROPERTY and all singular the members and appurtenances therein belonging as aforesaid, and every part thereof, unto the said party of the SECOND PART, its successor and assigns, forever, in FEE SIMPLE.

IN WITNESS WHEREOF, the said Party of the FIRST PART has caused these presents to be executed the day and year first above written as the date of these presents.

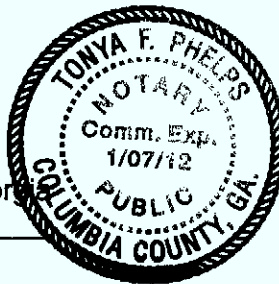
NORDAHL & CO., INC.

By: *Carl* (Seal)
As Its: *Treas.*

Signed, sealed and delivered
In our presence:

Tonya F. Phelps
Notary Public

Columbia County, Georgia
Commission expires _____



Accepted by Augusta, Georgia
By and through its Commission

By: _____
As the Mayor

Attest: Clerk of Commission

04/03/09

SUBDIVISION: Pinehurst, Section Six, Phase 2

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Laural Oak Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Laural Oak Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Laural Oak Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at existing Laural Oak Drive
Extending approx. 186' NW
- (b) Length of road to nearest 1/100th mile:
0.04 mile
- (c) Width & type of road surface:
31 foot from back curb to back of curb;
type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

006
3/5/09

SUBDIVISION: Pinehurst, Section Six, Phase 2

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Jasmine Way is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Jasmine Way a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Jasmine Way is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at Laural Drive

Extending approx. 90' NE

(b) Length of road to nearest 1/100th mile:

0.02 mile

(c) Width & type of road surface:

31 foot from back curb to back of curb;

type E asphalt

(d) Right-of-Way:

60 foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____

As Its Mayor

Attest: _____
Clerk of Commission

006
3/5/09



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Rhodia Bradley**

Department: Clerk of Commission

Caption: Presentation by Ms. Rhodia Bradley regarding garbage pickup charges for the property located at 1804 Second Avenue.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are Available in
the Following
Accounts:**

REVIEWED AND APPROVED BY:

Clerk of Commission

AGENDA ITEM REQUEST FORM

Commission/Committee: (Please check one)

- ☒ Commission
☐ Public Services Committee
☐ Administrative Services Committee
☐ Engineering Services Committee
☐ Finance Committee
☐ Public Safety Committee

Contact Information for Individual/Presenter Making the Request:

Name: Rhodia Bradley
Address: 6233 Freedom Cir Grouetown GA 30813
Telephone Number: 706-799-6675
Fax Number: _____
E-Mail Address: rb Bradley@mail.mcg.edu

Caption/Topic of Discussion to be placed on the Agenda:

Why am I being charge for garbage pick up
at 1804 2nd Ave, no one lives there and there
is not any garbage to be picked up. The house
has been empty for the past 3 years.

Please send this request form to the following address:

Ms. Lena J. Bonner
Clerk of Commission
Room 806 Municipal Building
530 Greene Street
Augusta, GA 30911

Telephone Number: 706-821-1820
Fax Number: 706-821-1838
E-Mail Address: lbonner@augustaga.gov

Requests may be faxed, e-mailed or delivered in person and must be received in the Clerk's Office no later than 5:00 p.m. on the Wednesday preceding the Commission or Committee meeting of the following week. A five-minute time limit will be allowed for presentations.

Commission meetings are held on the first and third Tuesdays of each month at 2:00 p.m. Committee meetings are held on the second and last Mondays of each month from 12:30 to 3:30 p.m.



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
Utilities - Ft. Gordon New Positions**

Department: Utilities, Clifford A. Goins, Interim Director

Caption: Authorize Augusta Utilities to add eight new positions to serve Fort Gordon and increasing customer demands.

Background: In 2007, AUD entered into a contract with The Department of the Army to operate and maintain the water and wastewater system at Fort Gordon. Part of the contract negotiation was to estimate the number of positions required to perform these daily functions. The contract also provides for the ability to add positions based on unforeseen responsibilities at any time through contract scope changes and at the end of the first two-year period and each three-year period thereafter. Both of these procedures result in an adjustment to the monthly O & M fees to offset additional costs. Since taking over the system and having time to analyze the infrastructure we have realized greater customer service needs than originally anticipated and need to add additional employees to meet our contract obligations. Most of our request will be reimbursed by Ft. Gordon. Additional positions are substantially offset by eliminating temporary positions.

Analysis: Please see the attached descriptions and justifications for each of the positions.

Financial Impact: Please see the attached financial summary showing a net departmental cost of \$27,113.93 that was funded in the 2009 budget in fund 506-10-1110-6011150.

Alternatives: 1) Approve this item and meet Ft. Gordon contract terms and provide better customer service for all of our customers. 2) Do not approve this item, leaving Ft. Gordon and customer service operations as they currently are, risking contract and customer service issues.

Recommendation: We recommend the Commission authorize Augusta Utilities to add eight new positions to serve Fort Gordon and increasing customer demands.

Funds are Available in the Following Accounts: 506-10-1110-6011150

Cover Memo

REVIEWED AND APPROVED BY:

Finance.
Procurement.
Law.
Administrator.
Clerk of Commission

Augusta Utilities New Position Justification

Ft. Gordon Division

Asst. Manager – Sewer

The position is needed to perform the work associated with the day-to-day operations and maintenance of the sewer collection system. A recent increase in estimated system size due to new facilities being built and discovery of additional infrastructure after due diligence requires additional employees to handle the extra work. The cost of these additional employees will be passed on to Ft. Gordon through increased monthly O & M charges.

Asst. Manager – Water

The position is needed to perform the work associated with the day-to-day operations and maintenance of the water distribution system. A recent increase in estimated system size due to new facilities being built and discovery of additional infrastructure after due diligence requires additional employees to handle the extra work. The cost of these additional employees will be passed on to Ft. Gordon through increased monthly O & M charges.

Property & Maint. Super. II – Crew Leader Water/Sewer (2)

The position is needed to assist the Asst. Mgr. – Water/Sewer with the day-to-day operations and maintenance of the water distribution and sewer collection systems. A recent increase in estimated system size due to new facilities being built and discovery of additional infrastructure after due diligence requires additional employees to handle the extra work. The cost of these additional employees will be passed on to Ft. Gordon through increased monthly O & M charges.

Administrative Division

Records Clerk (2)

The Augusta Utilities Department utilizes GBA Master Series for Work Order Management and Asset Management. AUD has historically been understaffed for processing, inventory management, and closing of worker orders and has seen continual delays in the year-end inventory reconciliation process as a result of inadequate staffing to close out work orders. With the addition of Fort Gordon and all of its water and sewer assets, AUD has seen a substantial increase in the number of work orders and is not permanently staffed to handle the additional work. Work orders have gone from 11,311 in 2006 to 16,254 in 2008, an increase of 44%. So far this year, work orders generated are 30% greater than 2008. In addition, with over \$500 million dollars of capital projects over the last 10 years, all of these additional assets have to be added to the system and each time these new assets are maintained, a work order has to be created. AUD has been using a temp for the last several months to try to keep up with the increase in work orders, but this position needs to be made permanent and an additional person needs to be added to exclusively work Fort Gordon work orders. The cost of one of these positions will be offset by the savings on the reduction of costs currently being paid to the temp agency and the cost of the second position will be passed on to Ft. Gordon through increased monthly O & M charges.

Customer Service Division

Cashier

We have had a very difficult time meeting customer demands for efficient in-person bill payment service at our Peach Orchard location for quite some time due to lack of space. We had planned to use this personnel request to add an additional cashier in late summer once we had renovated this location and

half its existing space had been freed up by the Construction & Maintenance Division being moved to the Wylds Road location. However, with the implementation of the Webconnect on-line payment system in March, the Cashiering Supervisor has needed to do significantly more administrative work than usual. The Webconnect process involves reconciling payments from different websites and compiling them into a file for our current system. We are receiving literally thousands of on-line bank checks monthly that need to have bills created, reconciled and entered into the system. Processing of these payments is being held up without an additional person actively contributing to this process daily. These delays could possible cause penalties to be applied to accounts that have not been entered into the system and/or delinquent customers to be disconnected prematurely. We are currently utilizing a temp to help with these tasks so that the flood of administrative work can be handled and customer service can be kept minimally at its current level. We are requesting this position to replace the temp now to help with the current work load and transition to a full-time cashier once additional space is created. Other employees that have been currently helping to handle the additional work load will be able to go back to performing their regular daily tasks. The cost of this position will be offset by the savings on the reduction of costs currently being paid to the temp agency.

Water Quality Division

Lab Sampler

There has been a 25% increase in new USEPA samples required each month and each quarter to be taken and shipped to the GAEPD Lab in Atlanta. AUD is also currently required to take steady samples for turbidity and chlorine. In addition, AUD has added Ft. Gordon samples to its workload with no additional resources for taking these samples. Adding this position will also keep the Lab Technician from having to stop running daily lab analyses in order to collect lab samples in the field. The Lab Technician's main responsibility is to run daily samples in order to assure compliance with EPA regulations. The new position is needed to answer all customer water complaints and to clear up problems, to collect all new water line samples, requested by both Contractors and Inspectors, and to run them for bacteria analysis. This position would also be responsible for keeping up with the lab supply inventories and keeping the lab clean. In essence the Lab Sampler would free up the Lab Technician to conduct all lab analyses and to file all paper work required by both the USEPA and GAEPD in a timely and orderly fashion.

Augusta Utilities Department
New Personnel Requests
Financial Summary

Division	Org Key	Position Title	Pay Grade	Salary
Fort Gordon	3430	Assistant Manager Sewer Locates & Inspections	47	35,904.17
		Assistant Manager Water Locates & Inspections	47	35,904.17
		Prop. & Maint. Super. II (2)	40	46,803.34
		Total Wages		118,611.68
		Add: 30% Estimated Benefits		35,583.50
		Total Ft. Gordon		154,195.18
		Less: Reimbursable Amount		(154,195.18)
		Net Cost (Benefit) to AUD		-
Administration	3110	Records Clerk (2)	39	44,463.18
		Total Wages		44,463.18
		Add: 30% Estimated Benefits		13,338.95
		Total Administration		57,802.13
		Less: Reimbursable Amount		(28,901.07)
		Less: Savings from Temp Agency		(29,972.80)
		Net Cost (Benefit) to AUD		(1,071.73)
Cust. Svc	3210	Cashier	38	21,120.01
		Total Wages		21,120.01
		Add: 30% Estimated Benefits		6,336.00
		Total Administration		27,456.01
		Less: Savings from Temp Agency		(28,038.40)
		Net Cost (Benefit) to AUD		(582.39)
Water Quality Labs	3570	Lab Sampler	40	23,401.67
		Total Wages		23,401.67
		Add: 30% Estimated Benefits		7,020.50
		Total Lab Quality		30,422.17
		Net Cost (Benefit) to AUD		28,768.05
		Total Net Cost (Benefit) to AUD		27,113.93

Augusta-Richmond County

Job Description

Title: Assistant Manager-Water
Department: Utilities
Reports to: Operations Manager

Job Code:
Overtime: Non-exempt
Date Prepared: March 19, 2009
Job Grade: 47

General Summary: Assist in planning, directing, and coordinating activities of water maintenance personnel within guidelines of department regulations, standard construction and maintenance practices and county/Army codes. Reports to Operations Manager or other designated person and works with pump and motor suppliers and employees to provide technical support.

Principal Duties and Responsibilities

1. Ensures compliance with all aspects of the utility privatization contract between Augusta Utilities and Fort Gordon
2. Communicates regularly and as needed with the Fort Gordon Contract Officer's Representative regarding new construction extensions, design considerations, and overall utility planning.
3. Evaluates proposed water and sanitary sewer projects.
4. Maintains current status reports and files on projects.
5. Coordinates projects with other agencies.
6. Performs field surveying.
7. Attends pre-construction and utility meetings.
8. Responsible for in-house design contracts.
9. Designs water/sewer and related utilities projects.

REQUIREMENTS

Education: High School Diploma, GED or higher level of education

Experience: 5+ years in a similar position or sufficient experience to perform principal duties and responsibilities usually associated with completion of apprenticeship/internship. Two years experience on military installation with the same size and complexity as Fort Gordon is desirable.

Knowledge/Skills/Abilities:

- Considerable knowledge of repair and maintenance techniques for pumps, motors, and valves, electricity (three-phase system) control circuits and general mechanical operations.
- Familiarity with Augusta- Richmond County water and sewer system codes, and with departmental policies and procedures.
- Proficiency in supervision, maintaining records, and repairing and maintaining pumps and valves.
- Knowledge of electrical systems.
- Good communication skills, both oral and written.
- Demonstrated ability to work independently.
- Possess or have the ability to obtain a valid state operator/driver's license for the type vehicle or equipment operated as well as military driver's license for the type vehicle or equipment operated as well as military driver's license and military access clearances.
- Possess or have ability to obtain certification in water distribution system.

Physical Demands

Intermittent sitting, standing, stooping, crouching, walking, lifting of light and heavy objects, and using tools and equipment that require a high degree of manual dexterity. Work is performed on job sites and with exposure to noise, traffic, inclement weather, dirt, grease, dust and machinery with moving parts requiring use of protective devices.

Disclaimer

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to this job.

Review/Approvals

Human Resources

Date

Line or Staff Management

Date

Augusta-Richmond County

Job Description

Title: Assistant Manager-Sewer
Department: Utilities
Reports to: Operations Manager

Job Code:
Overtime: Non-exempt
Date Prepared: March 19, 2009
Job Grade: 47

General Summary: Assist in planning, directing, and coordinating activities of water maintenance personnel within guidelines of department regulations, standard construction and maintenance practices and county/Army codes. Reports to Operations Manager or other designated person and works with pump and motor suppliers and employees to provide technical support.

Principal Duties and Responsibilities

1. Ensures compliance with all aspects of the utility privatization contract between Augusta Utilities and Fort Gordon
2. Communicates regularly and as needed with the Fort Gordon Contract Officer's Representative regarding new construction extensions, design considerations, and overall utility planning.
3. Evaluates proposed water and sanitary sewer projects.
4. Maintains current status reports and files on projects.
5. Coordinates projects with other agencies.
6. Performs field surveying.
7. Attends pre-construction and utility meetings.
8. Responsible for in-house design contracts.
9. Designs water/sewer and related utilities projects.

REQUIREMENTS

Education: High School Diploma, GED or higher level of education

Experience: 5+ years in a similar position or sufficient experience to perform principal duties and responsibilities usually associated with completion of apprenticeship/internship. Two years experience on military installation with the same size and complexity as Fort Gordon is desirable.

Knowledge/Skills/Abilities:

- Considerable knowledge of repair and maintenance techniques for pumps, motors, and valves, electricity (three-phase system) control circuits and general mechanical problems.
- Familiarity with Augusta- Richmond County water and sewer system codes, and with departmental policies and procedures.
- Proficiency in supervision, maintaining records, and repairing and maintaining pumps and valves.
- Knowledge of electrical systems.
- Good communication skills, both oral and written.
- Demonstrated ability to work independently.
- Possess or have the ability to obtain a valid state operator/driver's license for the type vehicle or equipment operated as well as military driver's license for the type vehicle or equipment operated as well as military driver's license and military access clearances.
- Possess or have ability to obtain certification in sewer collection system.

Physical Demands

Intermittent sitting, standing, stooping, crouching, walking, lifting of light and heavy objects, and using tools and equipment that require a high degree of manual dexterity. Work is performed on job sites and with exposure to noise, traffic, inclement weather, dirt, grease, dust and machinery with moving parts requiring use of protective devices.

Disclaimer

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to this job.

Review/Approvals

Human Resources

Date

Line or Staff Management

Date

Augusta-Richmond County

Job Description

Approved Title: Property and Maintenance Supervisor II
Title: Crew Leader-Water/Sewer
Department: Utilities
Reports to: Supervisor I

Job Code:
Overtime: Non-exempt
Date Prepared: March 19, 2009
Job Grade: 40

General Summary: Supervises work crews and installs water and sewer mains and lines within the guidelines of supervisory instructions, accepted work practices, and county/Army procedures. Reports to the Assistant Manager or other designated person and works with co-workers to provide maintenance support. **THIS POSITION REQUIRES OCCASSIONAL HOLIDAY, NIGHTS AND WEEKEND WORK IN ALL TYPES OF WEATHER CONDITIONS!**

Principal Duties and Responsibilities

1. Install pipe
2. Perform water and sewer taps.
3. Perform flagman duties around worksites.
4. Repair sewer lines, sewer mains, and water meters.
5. Assist in maintaining and repairing fire hydrants and valves.
6. Maintain and clear water and sewer rights-of-way
7. Maintain vehicles and equipment.
8. Adjust valves and manhole covers to grade.
9. Investigate water pressure complaints and answer emergency service calls.
10. Operate machinery with moving parts.

REQUIREMENTS

Education: High School Diploma, GED or higher level of education

Experience: 3 years in a similar position or sufficient experience to perform principal duties and responsibilities usually associated with completion of apprenticeship/internship.

Knowledge/Skills/Abilities:

- Considerable knowledge of water and sewer line construction and repair techniques.
- Familiarity with Augusta- Richmond County and departmental policies and procedures.
- Proficiency in repair and construction of water and sewer lines.
- Mastery of using standard tools, power tools, and operating machinery.
- Good communication skills, both oral and written.
- Demonstrated ability to work independently.

Other:

- Possess or have the ability to obtain a valid state operator/driver's license for the type vehicle or equipment operated as well as military driver's license for the type vehicle or equipment operated as well as military driver's license and military access clearances.

Physical Demands

Intermittent sitting, standing, stooping, crouching, walking, lifting of light and heavy objects, and using tools and equipment that require a high degree of manual dexterity. Work is performed on job sites and with exposure to noise, traffic, inclement weather, dirt, grease, dust and machinery with moving parts requiring use of protective devices.

Disclaimer

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to this job.

Review/Approvals

Human Resources

Date

Line or Staff Management

Date

Augusta-Richmond County

Job Description

Approved Title: Data Entry Clerk
Title: Data Entry Clerk
Department: Utilities
Reports to: Administrative Service Manager

Job Code:
Overtime: Non-exempt
Date Prepared: April 8, 2009
Job Grade: 39

GENERAL SUMMARY: Operates a data entry to record verify a variety of standard and/or complex coded and uncoded data into a computer and provides information within the guidelines of Augusta-Richmond County ordinances and department policies and procedures. Reports to Administrative Service Manager or other designated person and works with co-workers and employees to provide operational support.

PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Accepts and inputs utility work orders data into the computer.
2. Processes warehouse invoice, parts, and equipment
3. Provides work orders information, resolves problems.
4. Maintains reports and work orders files.
5. Relies on experience and judgment to plan and accomplish goals.
6. Serves as a resource to subordinate personnel.
7. Familiar with standard concepts, practices, and procedures.
8. Performs a variety of tasks.

REQUIREMENTS

Education: High School diploma, trade school, or equivalent level of education.

Experience: 5+ years in similar position or sufficient experience to perform principal duties and responsibilities usually associated with completion of apprenticeship/internship.

Knowledge/Skills/Abilities:

- Considerable knowledge of proper utility warehouse procedures and basic office and clerical procedures.
- Familiarity with Augusta-Richmond County ordinances and department policies and procedures.
- Proficiency in mathematics and interpersonal relations.
- Mastery of operating standard office equipment, computer, and two-way radio.
- Good communication skills, both oral and written.
- Demonstrated ability to work independently.

Other:

- May supervise and/or train designated subordinate personnel.

PHYSICAL DEMANDS

Intermittent sitting, standing, stooping, crouching, walking, and occasional lifting of light objects. Work is performed in an office.

DISCLAIMER

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to this job.

REVIEW/APPROVALS

Human Resources

Date

Line or Staff Management

Date

Augusta-Richmond County

Job Description

Approved Title: Cashier I
Title: Cashier
Department: Utilities
Reports to: Property and Maintenance Supervisor I

Job Code:
Overtime: Non-exempt
Date Prepared: August 25, 1997
Job Grade: 38

GENERAL SUMMARY: Provides clerical and cashier support within the guidelines of Augusta-Richmond County codes and ordinances, departmental rules and regulations, and instructions from the supervisor. Reports to the Property and Maintenance Supervisor I or other designated person and works with co-workers and the public to provide administrative support.

PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Operates and balances cash drawer, makes change and issues receipts, and processes payments from the night depository.
2. Directs customers to service counter for account information.
3. Processes incoming mail.
4. Types bank deposit slips.
5. Runs checks through microfilm machine and produces duplicate receipts upon request.
6. Serves as a resource to subordinate personnel.

REQUIREMENTS

Education: High School diploma, trade school, or equivalent level of education.

Experience: 5+ years in similar position or sufficient experience to perform principal duties and responsibilities, usually associated with completion of apprenticeship/internship.

Knowledge/Skills/Abilities:

- Considerable knowledge of modern office practices, procedures, and policies.
- Familiarity with Augusta-Richmond County and departmental policies and procedures pertaining to utility billing.
- Proficiency in handling large sums of money, preparing reports, and filing and maintaining financial records and accounts.
- Mastery of basic mathematics and operating standard office equipment, computer, receipting and microfilming machines.
- Good communication skills, both oral and written.
- Demonstrated ability to work independently.

Other:

- May supervise and/or train designated subordinate personnel.

PHYSICAL DEMANDS

Intermittent sitting, standing, stooping, crouching, walking, and occasional lifting of objects. Work is performed in an office.

DISCLAIMER

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to this job.

REVIEW/APPROVALS

Human Resources

Date

Line or Staff Management

Date

Augusta-Richmond County

Job Description

Approved Title: Laboratory Sample Collector
Title: Laboratory Sample Collector
Department: Utilities
Reports to: Water Treatment Plant Supervisor II

Job Code:
Overtime: Non-exempt
Date Prepared: August 25, 1997
Job Grade: 40

GENERAL SUMMARY: Collects raw or treated water and other environmental samples for laboratory or for shipment to the GAEPD Laboratory in order to meet required sampling requirements. Respond to customer complaints regarding water quality and help resolve problems. Performs laboratory tests. Reports to Laboratory Manager, Water Quality Superintendent, or other designated person and works with co-workers, state and EPD personnel to provide technical support.

PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Collect sample of raw or treated water following guidelines for routine and required samples to be shipped to the GAEPD Lab.
2. Label sample containers with identifying data. Location of sample, time collected, and prepare for shipment to the GAEPD Lab, and deliver for shipment.
3. Enter all sample information collected and shipped into Lab Sample log book.
4. Assist in keeping up with laboratory chemicals inventory.
5. Prepare or assist in preparation of reports.
6. Answer all customer complaints pertaining to water quality and resolve these. Keep reports of all quality complaints reported.
7. Clean, maintain, and store instruments and equipment.
8. Performs custodial duties in the laboratory.

REQUIREMENTS

Education: High School diploma, trade school, or equivalent level of education.

Experience: 5+ years in similar position or sufficient experience to perform principal duties and responsibilities, usually associated with completion of apprenticeship/internship.

Knowledge/Skills/Abilities:

- Considerable knowledge of science and/or chemistry.
- Proficiency in operating laboratory equipment and in conducting chemical and physical tests.
- Good communication skills, both oral and written.
- Demonstrated ability to work independently.

Other:

- May supervise and/or train designated subordinate personnel.
- Possess or have ability to obtain a water control operators certificate and a class III laboratory certificate.
- Possess or have ability to obtain a valid state operator/driver's license for the type vehicle or equipment operated.

PHYSICAL DEMANDS

Intermittent sitting, standing, stooping, crouching, walking, and occasional lifting of light objects. Work is performed outdoors with exposure to noise, diseases, chemicals, inclement weather, dirt, grease, dust, and machinery with moving parts requiring use of protective devices. Work is performed in a laboratory with exposure to some fumes and hazardous conditions.

DISCLAIMER

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to this job.

REVIEW/APPROVALS

Human Resources

Date

Line or Staff Management

Date



**Engineering Services Committee Meeting
4/13/2009 12:50 PM
wb water and sewer rate amendment**

Department: Law Department

Caption: Motion to approve an Ordinance to amend Augusta-Richmond County, Ga. Code, Sections 5-2-45(b) to clarify and amend the monthly residential sewer rates; to repeal all ordinances and parts of ordinances in conflict herewith; to provide an effective date; and for other purposes.

Background: On February 3, 2009, Augusta-Richmond County Commission approved clarification of monthly residential sewer rate.

Analysis: The February 3, 2009 approved clarification of the monthly residential sewer rate needs to be incorporated into the Augusta, GA CODE by adoption of the attached code amendment ordinance.

Financial Impact: AUD states there may be nominal cost to AUD for implementation of billing software changes for this policy and revenue may decrease slightly as a result of the change. However, AUD feels it is more important to make the billing policies fair to all customers.

Alternatives: 1. Approve clarification of monthly residential sewer rates. 2. Do not approve the agenda item and allow the current policy to continue as is stated in the Code. This will cause some of AUD's customers to pay larger sewer bills than the AUD policy was intended to dictate.

Recommendation: Approve motion to amend Code for clarification of monthly residential sewer rates.

Funds are Available in the Following Accounts: N/A

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**

Cover Memo

ORDINANCE NO. _____

AN ORDINANCE TO AMEND AUGUSTA-RICHMOND COUNTY, GA. CODE TITLE FIVE, SECTION 5-2-45(b) TO CLARIFY AND AMEND THE MONTHLY RESIDENTIAL SEWER RATES; TO REPEAL ALL ORDINANCES AND PARTS OF ORDINANCE IN CONFLICT HEREWITH; TO PROVIDE AN EFFECTIVE RATE;AND FOR OTHER PURPOSES.

WHEREAS, Augusta-Richmond County, Georgia desires to update and amend the Augusta-Richmond County, Ga. Code to clarify the monthly residential sewer rates;

BE IT ORDAINED BY THE AUGUSTA-RICHMOND COUNTY COMMISSION AND IT IS HEREBY ORDAINED BY THE AUTHORITY OF SAME, that the Augusta-Richmond County, Ga. Code be amended as follows:

SECTION 1. The Augusta-Richmond County, Ga. Code, Title Five, Section 5-2-45(b) is hereby amended and restated as follows:

(b) Effective April 1, 2009, the monthly residential sewer rate shall be charged based on the lesser of the actual water usage for the month or average water usage for that address from the previous December, January and February billing cycles.

SECTION 2. This Ordinance shall become effective immediately upon adoption.

SECTION 3. All Ordinances or parts of Ordinances in conflict with this Ordinance are hereby repealed.

SECTION 4. Should any section, provision, or clause of any part of this Ordinance be declared invalid or unconstitutional, or if the provisions of any part of this Ordinance as applied to any particular situation or set of circumstances be declared invalid or unconstitutional, such invalidity shall not be construed to affect portions of this Ordinance not so held to be invalid, or the application of this Ordinance to other circumstances not so held to be invalid, it is hereby

declared as the intent that this Ordinance would have been adopted had such invalid portion not been included herein.

Adopted this ____ day of April, 2009.

David S. Copenhaver
As its Mayor

Attest:

Lena J. Bonner, Clerk of Commission

Seal:

CERTIFICATION

The undersigned Clerk of Commission, Lena J. Bonner, hereby certifies that the foregoing Ordinance was duly adopted by the Augusta-Richmond County Commission on _____, 2009 and that such Ordinance has not been modified or rescinded as of the date hereof and the undersigned further certifies that attached hereto is a true copy of the Ordinance which was approved and adopted in the foregoing meeting(s).

Lena J. Bonner, Clerk of Commission

Published in the Augusta Chronicle.

Date: _____



Engineering Services Committee Meeting
4/13/2009 12:50 PM
Wrightsboro Rd Imprvts SA#8 & CPB 9- 031309

Department: Abie L. Ladson, PE, CPESC, Director of Engineering

Caption: Authorize the Engineering Department to approve Capital Project Budget Change Number Nine and Supplemental Agreement Eight with PBS & J in the amount of \$160,179 for the redesign of the intersection of Barton Chapel Road and prepare for the GDOT mandated Value Engineering process as part of the improvements to Wrightsboro Road from Jimmie Dyess Parkway to I-520, ARC# 323-04-296823309. Funds will be transferred from the project Right of Way Account to the project Engineering Account.

Background: This is a Georgia Department of Transportation (GDOT) project that will widen & reconstruct Wrightsboro Road from Jimmie Dyess Parkway to I-520. The Engineering Department is responsible for the development of the preliminary engineering activities and hired PBS & J to accomplish these activities. GDOT is funding the right of way acquisition (\$8,906,000) and the construction (\$16,100,000).

Analysis: PBS & J entered into an agreement with Augusta-Richmond County on October 19, 1999 for engineering and design services on the Wrightsboro Road project. On December 23, 2008 the Engineering Department submitted a request to GDOT asking them to reconsider the design of the Barton Chapel Road intersection. It is the opinion of the City Traffic Engineer and GDOT District Traffic Engineer that the intersection as currently designed will not operate as safely and efficiently as it should based on the anticipated future land use for this portion of the Wrightsboro Road corridor. The request was for Barton Chapel Road to be relocated to the east and opposite of existing Augusta West Parkway. On February, 2009 GDOT concurred with this request GDOT advised the Engineering Department on February 16, 2009 that this project would have to go through the Value Engineering process. This is a process that involves an independent team of engineers reviewing the concept and design features of this project. The purpose is to ensure that the project is being designed in the most cost efficient and operationally effective way. This process was not part of the original scope of work that was agreed upon on October 19, 1999.

Financial Impact: PBS & J has proposed a cost of \$160,179 for the redesign of the intersection of Barton Chapel Road and preparation for the Value Engineering process

Alternatives: 1) Authorize the Engineering Department to approve Capital Project Budget Change Number Nine and Supplemental Agreement Eight with PBS & J in the amount of \$160,179 for the redesign of the intersection of Barton Chapel Road and prepare for the GDOT mandated Value Engineering process as part of the improvements to Wrightsboro Road from Jimmie Dyess Parkway

to I-520, ARC# 323-04-296823309. Funds will be transferred from the project Right of Way Account to the project Engineering Account. 2) Do not approve and risk delaying the construction and improvements on a major transportation corridor that is vital to the city.

Recommendation: Approve Alternative Number One.

**Funds are Available in
the Following
Accounts:** 323-041110-5411120 & 296823309-5411120

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Please do not process this document. Once approved by the Commission, the original will be sent to Clerk of Commission for execution. For information reference this request contact Shelette @ ext 5070.

**AUGUSTA-RICHMOND COUNTY
AUGUSTA, GA ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

**Project No. 323-04-296823309
Stp-7001 (9) Richmond, Pi 250510
Supplemental Agreement No. 8
P.O 4471**

WHEREAS, We, **PBS & J**, Consultant, entered into a contract with Augusta-Richmond County on October 19, 1999, for engineering design services associated with the widening and reconstruction of **Wrightsboro Road from Jimmie Dyess Parkway to I-520**, **GDOT** Project No. STP-7001 (9), File Reference No. 09-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Additional engineering and design services required to redesign the intersection of Barton Chapel Road and prepare for the GDOT mandated Value Engineering process as described in the revised proposal letter dated March 2, 2009.

It is agreed that as a result of the above described modification the contract amount is increased by \$160,179 from \$1,099,555.37 to a new total of \$1,259,734.37.

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **PBS & J**, Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2009.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Mayor

Approved: Date _____

ATTEST:

Title: _____

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____

Please do not process this document. Once approved by the Commission, the original will be sent to Clerk of Commission for execution. For information reference this request contact Shelette @ ext 5070.

Augusta-Richmond County, Georgia

CPB#323-041110-296823309

**CAPITAL PROJECT BUDGET
WRIGHTSBORO ROAD IMPROVEMENTS
CHANGE NUMBER NINE**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project change is authorized to CPB# 323-04-296823309.
This change is for the redesign of the intersection of Barton Chapel Road and prepare for the GDOT mandated Value Engineering process as part of the improvements to Wrightsboro Road from Jimmmy Dyess Parkway to I-520 in the total amount of \$160,179 to be funded by the project Right-of-Way account within the Special 1% Sales Tax, Phase III Fund.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase III	\$ 1,984,000
---------------------------------	--------------

Section 3: The following amounts are appropriated for the project:

By Basin	By District
Raes Creek \$1,984,000	3rd \$ 1,984,000

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Deke Copenhaver, Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#323-041110-296823309

**CAPITAL PROJECT BUDGET
WRIGHTSBORO ROAD IMPROVEMENTS
CHANGE NUMBER NINE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPECIAL 1% SALES TAX, PHASE III 323-04-0000-0000000-296823309	(\$1,984,000)	\$0	(\$1,984,000)
TOTAL SOURCES:	(\$1,984,000)	\$0	(\$1,984,000)
<u>USE OF FUNDS</u>			
ENGINEERING 323-04-1110-5212115-296823309	\$1,099,715	\$160,179	\$1,259,894
ADVERTISING 323-04-1110-5233119-296823309	\$1,000		\$1,000
RIGHT-OF-WAY 323-04-1110-5411120/296823309	\$400,285	(\$160,179)	\$240,106
CONTINGENCY 323-04-1110-6011110/296823309	\$43,000	\$0	\$43,000
TRAFFIC SIGNAL 323-04-1110-5414610/296823309	\$40,000	\$0	\$40,000
UTILITY RELOCATION 323-04-1110-5414510/296823309	\$400,000	\$0	\$400,000
TOTAL USES:	\$1,984,000	\$0	\$1,984,000

Augusta-Richmond County, Georgia

CPB#323-041110-296823309

**CAPITAL PROJECT BUDGET
WRIGHTSBORO ROAD IMPROVEMENTS
CHANGE NUMBER NINE**



Lewis & Zimmerman Associates, Inc.

Taking the Chance out of Change

6110 Executive Boulevard, Suite 512
Rockville, Maryland 20852-3903
301-984-9590 • Fax: 301-984-1369
info@lza.com • www.lza.com

March 5, 2008

David Griffith, Acting Project Manager
Augusta Engineering Department
522 Greene Street
Augusta, GA 30901

re: Project No. STP00-7001-00(0009), Richmond, P.I. No.: 250510
CR 1501/Wrightsboro Road from Jimmie Dyess Parkway to I-520 Ramps
Value Engineering Services Cost Proposal

Dear Mr. Griffith:

Lewis & Zimmerman Associates, Inc. is pleased to provide you with this proposal to perform a value engineering study on the referenced project.

As requested, Lewis & Zimmerman Associates will provide the team for this workshop. We propose the following for your consideration:

Howard Greenfield, PE, CVS	VE Team Leader	Lewis & Zimmerman Associates
Joseph Leoni, PE	Highway Design Engineer	ARCADIS US, Inc.
Molapo Kgabo, PE	Bridges/Structural Engineer	HNTB, Inc.
Paresh J. Parikh	Construction Engineer	Delon Hampton & Associates

We understand the workshop will be held June 15 – 18, 2009 in the Engineering Services Conference Room (5CR1L2) on the 5th floor of the new GDOT General Office Facility located at 600 W. Peachtree Street NW, Atlanta GA 30308. Attached you will find the breakdown of costs for our services.

Please do not hesitate to contact me with any questions you may have as you review this proposal. We look forward to working with you on this project.

Sincerely yours,

LEWIS & ZIMMERMAN ASSOCIATES, INC.

Howard B. Greenfield

Enclosure

**CR 1501/Wrightsboro Road From Jimmie Dyess Pkwy to I-520 Ramps
Richmond County, GA**

**Value Engineering Services Proposal
March 4, 2009**

Breakdown of Manhours

		<u>Professional</u>		<u>Hours</u>
Preparation Effort (includes travel)				
	Review materials; prepare cost model, agenda,	H.B. Greenfield	LZA	12
	Review Materials	J. Leoni	ARC	8
	Review Materials		HNTB	8
	Review Materials		DH	8
	Administration	C.Thompson	LZA	8
	Project management	H.B. Greenfield	LZA	2
		Subtotal		46
Value Engineering Workshop Effort				
	VE Team Leader/CVS	H.B. Greenfield	LZA	31
	Highway Engineer	J. Leoni	ARC	31
	Bridge Engineer	M. Kgabo	HNTB	31
	Cost/Constructibility	P. Parikh	DH	31
		Subtotal		124
Post-workshop Effort				
	Compile/review workshop materials; write report	H.B. Greenfield	LZA	24
	Produce/Edit Report	C.Thompson	LZA	24
	PMO	H.B. Greenfield	LZA	4
		Subtotal		52
		TOTAL HOURS		222
LZA	Lewis & Zimmerman Associates, Inc.			
ARC	ARCADIS			
HNTB	HNTB			
DH	Delon Hampton			

CR 1501/Wrightsboro Road From Jimmie Dyess Pkwy to I-520 Ramps**Richmond County, GA****Value Engineering Services Proposal****March 4, 2009****Breakdown of Costs****LABOR**

Discipline	Name	Firm	Hourly Rate	Hours by Activity			Total Hours	Total Labor
				Prep. Effort	VE Wrkshp	Post Wrkshp		
VE Team Leader/CVS	H.B. Greenfield	LZA	\$ 228.50	12	31	24	67	\$ 15,309.50
Highway Engineer	J. Leoni	ARC	178.00	8	31		39	6,942.00
Bridge Engineer	M. Kgabo	HNTB	131.50	8	31		39	5,128.50
Cost/Constructibility	P. Parikh	DH	164.00	8	31		39	6,396.00
PMO	H.B. Greenfield	LZA	228.50	2		4	6	1,371.00
Produce/Edit Report	C.Thompson	LZA	83.50	8		24	32	2,672.00
Total Labor				46	124	52	222	\$ 37,819.00

OTHER DIRECT COSTS

Category	Unit Cost	Quantity by Activity			Total Quantity	Total Cost
		Prep. Effort	VE Wrkshp	Post Wrkshp		
TRAVEL						
Airfare - Washington, DC/Atlanta, GA LZA	\$ 700.00		1		1	\$ 700.00
Local Travel - local mileage, airport parking, etc.	200.00		1		1	200.00
Mileage - to/from GDOT ARC/HNTB/DH	140.000		3		3	420.00
Parking - at GDOT LZA/ARC/HNTB/DH	60.000		4		4	240.00
Car Rental LZA	97.00		4		4	388.00
\$65/day + taxes (\$15) + insurance (\$9) + gas (\$8)					0	-
Per Diem	220.00		4		4	880.00
PRODUCTION/ PRINTING						
Reports - hard copies LZA	40.00			5	5	200.00
Printing LZA/ARC/HNTB/DH	50.00	4			4	200.00
Miscellaneous copies, supplies	L.S.					50.00
COMMUNICATIONS						
Postage/Overnight/Courier	L.S.					100.00
Communications	L.S.					40.00
ON-SITE EXPENSES						
Meeting Room & AV Equipment - Furnished by GDOT	L.S.					-
TOTAL ODC						\$ 3,418.00
TOTAL LUMP SUM FEE						\$ 41,237.00



An employee-owned company

March 2, 2009

Mr. David O. Griffith
Acting Project Manager
Augusta Engineering Department
522 Greene Street
Augusta, GA 30901

**RE: Wrightsboro Road Widening
Barton Chapel/ Augusta West Parkway Realignment
Request for Supplemental Agreement**

Dear Mr. Griffith:

PBS&J has been asked to revise the Wrightsboro Road design to include a realignment of Barton Chapel Road and Augusta West Parkway. In addition, this project will now be required to go through a value engineering review, which was not anticipated when the project was scoped out. This letter is to request a supplemental agreement for the following scope of services.

Barton Chapel Road/ Augusta West Parkway Realignment

The current Wrightsboro Road design includes offset signalized intersections of Barton Chapel Road and Augusta West Parkway. The proposed changes will relocate Barton Chapel Road to the east to create one signalized intersection with Augusta West Parkway. Included as part of the scope for these revisions are the following.

- Environmental Re-evaluation – The current environmental document will be updated for the design changes. All special studies will be updated and a re-evaluation document will be submitted. 4(f) documentation is not included as part of this scope and will be part of a separate supplemental agreement if required.
- Database – Field surveys will be required to update the current database. This task also includes update of the DTM model.
- Construction Plan Revisions – The plans will be revised to a preliminary level, including:
 - Horizontal and Vertical alignments of Barton Chapel Road
 - Cross Section updates and new sections along Barton Chapel Road
 - Barton Chapel Road drainage layout and profiles
 - Plans Sheet revisions
 - Signal Design/ Revisions at Barton Chapel Road/ Augusta West Parkway
- Right-of-way Plan Revisions – The approved right-of-way plans will be revised for the revisions along Wrightsboro Road in the Barton Chapel to Augusta West parkway area.

- **Value Engineering Review** - PBS&J will prepare a package for and participate in a Value Engineering Review Meeting. PBS&J will also attend a presentation of recommended value engineering revisions. This scope does not include any changes that may result from the value engineering review.
- **Traffic Study revisions** - The current traffic study will be revised due to the proposed Barton Chapel Road realignment and the resulting elimination of one traffic signal. It is anticipated that some additional coordination with GDOT will be required due to the uncertain nature of the proposed developments in the area.
- **Assumptions** - The following assumptions were made in preparation of the scope and fee:
 - No historic properties will be impacted. If impacts to historic resources become necessary, a 4(f) evaluation will be part of a separate agreement.
 - A Public Information Open House (PIOH) will not be held until after the Value Engineering Review is complete. The cost of participating in the PIOH meeting will be included as part of a separate agreement.
 - Design will be advanced to a "preliminary" level until after the Value Engineering Review is complete. The cost of advancing the plans to a "final" design level, including incorporating value engineering revisions will be part of a separate agreement.

The total cost of the above proposed changes is \$118,942. A breakdown of the costs is attached.

Value Engineering Services

The Georgia Department of Transportation has selected the firm of Lewis Zimmerman Associates, Inc. to perform the Value Engineering Services. PBS&J will subcontract with Lewis and Zimmerman in order to expedite this effort. The scope and fee have been attached. **Total fee for the Value Engineering Services is \$41,237.00.**

The total requested amount of this supplemental agreement is \$160,179.00

PBS&J has agreed to move forward with the changes related to the Barton Chapel realignment, with the understanding that this supplemental agreement will be forthcoming. As a result, should this supplemental agreement be rejected for any reason, PBS&J will be unable to complete the original scope of the project.

Please feel free to call me at (770) 933 -0280 if you should have any questions.

Sincerely,

PBS&J



Taylor P. Wright, P.E.
Project Manager

Cc: File (060965)

Database/ Environmental

[illegible]

Estimated Project Costs

PBSJ

Barton Chapel Road/ Augusta West Parkway Realignment

Database/ Environmental

1. Direct Labor (Specify)				
	2. Quantity	3. Rate/ Hour	4. Cost/ Hour	
Survey Manager	16	50.00	800.00	
Party Chief	36	26.00	936.00	
Instrument Man	36	24.00	864.00	
Data/ reduction technician	40	28.00	1,120.00	
Project Manager (Env.)	8	54.00	432.00	
Sr. Planner	72	35.00	2,520.00	
Sr. Scientist	72	25.00	1,800.00	
Sr. Historian	72	35.00	2,520.00	
Project Administrator	13	24.00	312.00	
Total Direct Labor				\$11,304.00
2. Overhead (indirect) Cost on Direct Labor Above				
OVERHEAD RATE X BASE-OVERHEAD (\$)				
\$11,304.00 x 160% = 18,086.40				
TOTAL OVERHEAD				\$18,086.40
3. Total Estimated Labor with Overhead Cost (1) + (2)				\$29,390.40
4. Fixed Fee/Profit (10%)				\$2,939.04
2. Other Direct Costs				
Roadway Directs:				
Archeology Update (Southeastern)			1245.00	
Reproduction			500.00	
Mileage			950.00	
Total Other Direct Cost				\$2,695.00
3. Maximum Amount of Contract Proposal (3)+(4)+(5)				\$35,024.44

Manhour Estimates



Barton Chapel Road/ Augusta West Parkway Realignment

Preliminary Design/ ROW Revisions

Task	Principal	Proj. Mgr	Proj. Eng	Design Eng	Drafter/ Tech	Sr. Planner	Planner	Scientist	Clerical	TOTAL
Horizontal Alignments		2	32	8	4				1	47
Vertical Alignments		2	16	4	4				1	27
Cross Sections		1	12	16	16				1	46
Drainage designs		8	24	16	4				1	53
Drainage Profiles		8	48	24	60				1	141
Plan Sheets		1	16	4	40				1	62
Typical Sections			2		4				1	7
Signal Design					8	24	40		1	73
Signing/ Marking					8	16	40		1	65
Right-of-way Revisions		8	48	24	16				1	97
QA/QC		40	16	32	32				1	121
Prepare displays for VE study		2	2	2	8	16	32		1	63
Present Design at VE meeting		4	4			8	4		1	21
Attend VE recommendation meeting		4	4						1	9
Traffic Study Revisions						16	32		1	49
Coordination with OEL						8	4		1	13
TOTALS	0	80	224	130	204	88	152	0	16	894

Estimated Project Costs

PBSJ

Barton Chapel Road/ Augusta West Parkway Realignment

Preliminary Design/ ROW Revisions

1. Direct Labor (Specify)			
Principal	0	65.63	0.00
Project Manager	80	51.00	4,080.00
Project Engineer	224	32.50	7,280.00
Design Engineer	130	31.50	4,095.00
Drafter/Tech.	204	26.00	5,304.00
NPDES Specialist	88	30.00	2,640.00
Planner	152	40.00	6,080.00
Scientist	0	25.00	0.00
Clerical	16	25.00	400.00
Total Direct Labor			\$29,879.00
2. Overhead (indirect) Cost on Direct Labor Above			
OVERHEAD RATE X BASE-OVERHEAD (\$)			
\$29,879.00 x 150% = 44,818.50			
TOTAL OVERHEAD			\$44,818.50
3. Total Estimated Labor with Overhead Cost (1) + (2)			\$74,697.50
4. Fixed Fee/Profit (10%)			\$7,469.75
2. Other Direct Costs			\$25,690.00
Roadway Directs:			
Reproduction		1500.00	
Mileage		250.00	
Total Other Direct Cost			\$1,750.00
3. Maximum Amount of Contract Proposal (3)+(4)+(5)			\$83,917.25



Lewis & Zimmerman Associates, Inc.

Taking the Chance out of Change

6110 Executive Boulevard, Suite 512

Rockville, Maryland 20852-3903

301-984-9590 • Fax: 301-984-1369

info@lza.com • www.lza.com

March 5, 2008

David Griffith, Acting Project Manager
Augusta Engineering Department
522 Greene Street
Augusta, GA 30901

re: Project No. STP00-7001-00(0009), Richmond, P.I. No.: 250510
CR 1501/Wrightsboro Road from Jimmie Dyess Parkway to I-520 Ramps
Value Engineering Services Cost Proposal

Dear Mr. Griffith:

Lewis & Zimmerman Associates, Inc. is pleased to provide you with this proposal to perform a value engineering study on the referenced project.

As requested, Lewis & Zimmerman Associates will provide the team for this workshop. We propose the following for your consideration:

Howard Greenfield, PE, CVS	VE Team Leader	Lewis & Zimmerman Associates
Joseph Leoni, PE	Highway Design Engineer	ARCADIS US, Inc.
Molapo Kgabo, PE	Bridges/Structural Engineer	HNTB, Inc.
Paresh J. Parikh	Construction Engineer	Delon Hampton & Associates

We understand the workshop will be held June 15 – 18, 2009 in the Engineering Services Conference Room (5CR1L2) on the 5th floor of the new GDOT General Office Facility located at 600 W. Peachtree Street NW, Atlanta GA 30308. Attached you will find the breakdown of costs for our services.

Please do not hesitate to contact me with any questions you may have as you review this proposal. We look forward to working with you on this project.

Sincerely yours,

LEWIS & ZIMMERMAN ASSOCIATES, INC.

Howard B. Greenfield

Enclosure

**CR 1501/Wrightsboro Road From Jimmie Dyess Pkwy to I-520 Ramps
Richmond County, GA**

**Value Engineering Services Proposal
March 4, 2009**

Breakdown of Manhours

		<u>Professional</u>		<u>Hours</u>
Preparation Effort (includes travel)				
	Review materials; prepare cost model, agenda,	H.B. Greenfield	LZA	12
	Review Materials	J. Leoni	ARC	8
	Review Materials		HNTB	8
	Review Materials		DH	8
	Administration	C.Thompson	LZA	8
	Project management	H.B. Greenfield	LZA	2
		Subtotal		46
Value Engineering Workshop Effort				
	VE Team Leader/CSV	H.B. Greenfield	LZA	31
	Highway Engineer	J. Leoni	ARC	31
	Bridge Engineer	M. Kgabo	HNTB	31
	Cost/Constructibility	P. Parikh	DH	31
		Subtotal		124
Post-workshop Effort				
	Compile/review workshop materials; write report	H.B. Greenfield	LZA	24
	Produce/Edit Report	C.Thompson	LZA	24
	PMO	H.B. Greenfield	LZA	4
		Subtotal		52
		TOTAL HOURS		222
LZA	Lewis & Zimmerman Associates, Inc.			
ARC	ARCADIS			
HNTB	HNTB			
DH	Delon Hampton			

CR 1501/Wrightsboro Road From Jimmie Dyess Pkwy to I-520 Ramps
Richmond County, GA
Value Engineering Services Proposal
March 4, 2009
Breakdown of Costs
LABOR

Discipline	Name	Firm	Hourly Rate	Hours by Activity			Total Hours	Total Labor
				Prep. Effort	VE Wrkshp	Post Wrkshp		
VE Team Leader/CVS	H.B. Greenfield	LZA	\$ 228.50	12	31	24	67	\$ 15,309.50
Highway Engineer	J. Leoni	ARC	178.00	8	31		39	6,942.00
Bridge Engineer	M. Kgabo	HNTB	131.50	8	31		39	5,128.50
Cost/Constructibility	P. Parikh	DH	164.00	8	31		39	6,396.00
PMO	H.B. Greenfield	LZA	228.50	2		4	6	1,371.00
Produce/Edit Report	C. Thompson	LZA	83.50	8		24	32	2,672.00
Total Labor				46	124	52	222	\$ 37,819.00

OTHER DIRECT COSTS

Category	Unit Cost	Quantity by Activity			Total Quantity	Total Cost
		Prep. Effort	VE Wrkshp	Post Wrkshp		
TRAVEL						
Airfare - Washington, DC/Atlanta, GA LZA	\$ 700.00		1		1	\$ 700.00
Local Travel - local mileage, airport parking, etc.	200.00		1		1	200.00
Mileage - to/from GDOT ARC/HNTB/DH	140.000		3		3	420.00
Parking - at GDOT LZA/ARC/HNTB/DH	60.000		4		4	240.00
Car Rental LZA	97.00		4		4	388.00
\$65/day + taxes (\$15) + insurance (\$9) + gas (\$8)					0	-
Per Diem	220.00		4		4	880.00
PRODUCTION/ PRINTING						
Reports - hard copies LZA	40.00			5	5	200.00
Printing LZA/ARC/HNTB/DH	50.00	4			4	200.00
Miscellaneous copies, supplies	L.S.					50.00
COMMUNICATIONS						
Postage/Overnight/Courier	L.S.					100.00
Communications	L.S.					40.00
ON-SITE EXPENSES						
Meeting Room & AV Equipment - Furnished by GDOT	L.S.					-
TOTAL ODC						\$ 3,418.00
TOTAL LUMP SUM FEE						\$ 41,237.00