



Engineering Services Committee Meeting Committee Room- 8/25/2008- 1:15 PM

ENGINEERING SERVICES

1. Approve a budget adjustment for the Solid Waste Department to account for additional revenue, sales tax, utilities, and diesel fuel. ☐ [Attachments](#)
2. Approve Sewage Service Contract between Grovetown and Augusta. ☐ [Attachments](#)
3. Motion to award purchase order to Beam's Construction, Inc. for adjusting valve boxes and manhole covers to grade on GDOT project to resurface Washington Road. ☐ [Attachments](#)
4. Motion to authorize condemnation to acquire title of a portion of property designated as Alexander Drive Project Parcel 59, Tax Map 013-1, Parcel 225. ☐ [Attachments](#)
5. Motion to authorize condemnation to acquire title of a portion of property, designated as Belair Hills Subdivision Project, 3913 Carolyn Street, Tax Map 52, Parcel 164. ☐ [Attachments](#)
6. Approve the lease buyout of two D8 dozers in an amount of \$359,040. ☐ [Attachments](#)
7. Approve Change Number One (CPB #324-034510-207324003) in the amount of \$86,000 to be transferred from the Project Contingency account to Storm Drainage. Also approve Change Order Number One with Payne Construction in the amount of \$238,107 as requested by the Fire Department. ☐ [Attachments](#)
8. Motion to approve implementing Phase 2 of Solid Waste Collections software in an amount of \$130,000. ☐ [Attachments](#)
9. Approve CH2M Hill to perform a current state investigation, best use analysis and design a new gas compressor/beneficial use station based on the decided best use, not to exceed \$350,000 dollars. ☐ [Attachments](#)
10. Motion to supplement the Georgia DOT contract with Sunbelt Structures in the amount of \$55,904 to cover the additional costs of upgrading the signal pole mast arms to black powder-coated system for the Engineering Department on the St. Sebastian Way/Greene St/15th St. project. ☐ [Attachments](#)

- 11.** Motion to approve an Easement Deed from The Procter & Gamble ☐ [Attachments](#)
Manufacturing Company.
- 12.** Approve the deeds of dedication and road resolutions submitted by the ☐ [Attachments](#)
Engineering, and Augusta Utilities Departments for Walton Acres
Subdivision, Section 9.
- 13.** Approve the deeds of dedication and road resolutions submitted by the ☐ [Attachments](#)
Engineering, and Augusta Utilities Departments for Walton Acres
Subdivision, Section VIII.

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**Engineering Services Committee Meeting
8/25/2008 1:15 PM
2008 budget adjustment**

Department: Solid Waste

Caption: Approve a budget adjustment for the Solid Waste Department to account for additional revenue, sales tax, utilities, and diesel fuel.

Background: In early 2008, the Solid Waste Department purchased the landfill gas collection and control system from LandGas of Georgia. With this purchase has come operation and maintenance of the system, additional revenue from methane gas sales, and environmental compliance. The cost of both gasoline and diesel fuel has increased significantly since one year ago. With all of the landfill heavy equipment that is needed for daily operations requiring diesel fuel, this expense has increased beyond the budgeted amount. The landfill has cut back operations in an effort to conserve fuel. This includes no longer allowing machines to sit idle for long periods of time, operating only necessary equipment, and no longer grinding mulch (the grinder uses approximately 25 gallons of fuel per hour). While the landfill has been much more conservative with the fuel it uses, the cost of fuel combined with the equipment needed for daily operations, has made the landfill exceed its fuel budget.

Analysis: Since the purchase of the landfill gas system in January 2008, the Solid Waste Department has seen an increase in revenue that was not accounted for in the budget. This revenue averages \$125,000 per month. Additionally, with the sale of the methane gas to the Unimin Kaolin mine, the Solid Waste Department is required to pay 7% sales tax on the transaction. To date, this expense has been approximately \$52,000. Along with the operations and maintenance of the gas collection system, utility usage has also risen. Since the operation of the gas collection system requires electricity, the Solid Waste Department's Georgia Power bill has increased significantly, to the tune of approximately \$14,000 per month. Diesel fuel usage for the first six months of 2008 has been approximately \$366,000. The budgeted amount was \$328,340. Gasoline usage for the first six months has been \$20,800. The budgeted amount for gasoline was \$24,250. With both of these fuel expenditures approaching the budgeted amounts, the solid waste department is submitting the necessary budget adjustment to cover fuel usage through the end of the year.

Financial Impact: Increase budgeted revenue amount for 541-00-0000/3441123 to \$1,510,000 to increase methane gas revenue through the end of the year (Methane gas revenue (Jan-Jun 08) \$754,682.30). Additionally, increase the budgeted expense for diesel by \$400,000, gasoline by \$15,000, electricity ~~\$84,000~~ sales tax \$115,000, and building construction by \$896,000.

Alternatives: Do not approve.

Recommendation: Approve a budget adjustment for the Solid Waste Department to account for additional revenue, sales tax, utilities, and diesel fuel.

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

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

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**Engineering Services Committee Meeting
8/25/2008 1:15 PM
Approve Sewage Service Contract between Grovetown and Augusta**

Department:	Utilities
Caption:	Approve Sewage Service Contract between Grovetown and Augusta.
Background:	Augusta installed a sewer line that was capable of serving Grovetown in Fall of 2007. Grovetown and Augusta Utilities (AUD) agreed to allow Grovetown to purchase and maintain the meter, and for AUD to bill Grovetown for sewer service.
Analysis:	This would allow AUD to generate revenue from the sewer line which is currently being underutilized pending residential development in that corridor.
Financial Impact:	The contract is for the standard AUD industrial rate, increasing at 3% annually in accordance with rate increases charged to other AUD customers.
Alternatives:	None.
Recommendation:	Approve Sewage Service Contract between Grovetown and Augusta.
Funds are Available in the Following Accounts:	None required.

REVIEWED AND APPROVED BY:

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



**Engineering Services Committee Meeting
8/25/2008 1:15 PM**

Award purchase order to Beam's Construction, Inc. for adjusting valve boxes and manhole covers to grade on GDOT project to resurface Washington Road

Department: Augusta Utilities Department

Caption: Motion to award purchase order to Beam's Construction, Inc. for adjusting valve boxes and manhole covers to grade on GDOT project to resurface Washington Road.

Background: GDOT has issued a contract to Beam's Construction, Inc. to resurface Washington Road (SR 28) from Calhoun Expressway to Pleasant Home Road in Richmond County. In order to do so, there are 76 water control valve boxes and 14 sanitary sewer access manholes that will need to be adjusted to grade to maintain ready access for maintenance. The Washington Road (SR 28) Resurfacing project will remove the top layer of existing asphalt and replace it with new asphalt. The project length is approximately 4.7 miles and extends from Calhoun Expressway to Pleasant Home Road and on Fury's Ferry Road from Washington Road to the CSX Bridge. It is the responsibility of Augusta Utilities to finance the adjustment of access covers owned by Augusta Utilities to facilitate the resurfacing project.

Analysis: The cost of \$780.00 each is in line with costs for this type work elsewhere in the State.

Financial Impact: Funds are available in the following account: 507043410/5425110 80800025/5425110

Alternatives: There are no alternatives

Recommendation: It is recommended to approve the item.

Funds are Available in the Following Accounts: 507043410/5425110 80800025/5425110

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Administrator.**

Cover Memo

Item # 3



Engineering Services Committee Meeting

8/25/2008 1:15 PM

Condemnation for Title Alexander Drive Project Parcel 59 (Tax Map 013-1, Parcel 225)

Department: Attorney

Caption: Motion to authorize condemnation to acquire title of a portion of property designated as Alexander Drive Project Parcel 59, Tax Map 013-1, Parcel 225.

Background: The City has been unable to purchase the required easements due to title issues. In order to proceed and avoid further delays, it is necessary to condemn a portion of subject property. The required property consists of 0.029 acre (1,257.19 sq. ft.) of Right-of-Way; 0.009 acre (386.64 sq. ft.) of permanent easement and one temporary driveway easement. The appraised value of the easements is \$3,430.00.

Analysis: Condemnation is necessary in order to acquire the easements.

Financial Impact: The necessary costs will be covered by the project budget.

Alternatives: Deny condemnation.

Recommendation: Approve condemnation.

Funds are Available in the Following Accounts: 323041110 - 5411120 296823215 - 5411120

REVIEWED AND APPROVED BY:

**Administrator.
Clerk of Commission**



Engineering Services Committee Meeting

8/25/2008 1:15 PM

Condemnation to acquire temporary easement Belair Hills Subdivision Improvements

Department: Attorney

Caption: Motion to authorize condemnation to acquire title of a portion of property, designated as Belair Hills Subdivision Project, 3913 Carolyn Street, Tax Map 52, Parcel 164.

Background: The City has been unable to purchase the required easements due to title issues. In order to proceed and avoid further delays, it is necessary to condemn a portion of subject property. The required property consists of a temporary construction easement of 3,006.25 sq. ft.. The appraised value of the easement is \$400.00.

Analysis: Condemnation is necessary in order to acquire the easements.

Financial Impact: Condemnation is necessary in order to acquire the easements.

Alternatives: Deny condemnation.

Recommendation: Approve condemnation.

Funds are Available in the Following Accounts: 324041110-52.12122 203824335-52.12122

REVIEWED AND APPROVED BY:

**Administrator.
Clerk of Commission**



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
D8 lease buyout**

Department:	Solid Waste
Caption:	Approve the lease buyout of two D8 dozers in an amount of \$359,040.
Background:	The Solid Waste Department uses D8 dozers for the pushing and placement of waste in the landfill. In late 2003 Augusta replaced its current assets with two leased D8 dozers. The lease was a 5 year, 7,500 hour lease. These leases expire in December of this year. In 2003 the tons received by the landfill were approximately 800 tons per day. Augusta implemented volume pricing in August of 2004. This strategy increased our waste volume to approximately 1,200 tons per day. This accounts for a 50% increase in tonnage.
Analysis:	Augusta is prepared to acquire two new dozers. However, at this point something needs to be done with the existing assets. The lease buyout on these machines is \$179,520 each. Presently, each machine is over on the leased hours by 2315 hours. With this hour overage, should Augusta return the machines to the manufacturer, then Augusta would be required to pay 38.92 for each hour over the leased amount. This totals approximately \$90,099.80. Augusta intends to buy out the leases on the current machines. It is the plan to acquire two new machines. Once these new machines arrive, Augusta would plan to divest of the old machines. This would be done at our Auction. We have attached several reference machines which are listed on CATUSED.COM. These reference machines are close in age and/or hours to the machines that we would be divesting. It provides "retail" values of these machines that range from \$295,600 for a machine with 10,922 hours to \$331,500 for a machine with 10,104.
Financial Impact:	The lease buyout will cost \$359,040. Should Augusta choose not to buy out the leases then we will pay over \$90,000 in lease overages. Augusta intends to sell these machines at auction, in hopes of receiving more than the lease buyout price. Funds in the amount of \$359,040 would need to be transfered from 541-04-4210/5413130 to 541-04-4210/5422510.
Alternatives:	Trade these units in on the new units and pay the difference between the lease buyout and the trade in value.
Recommendation:	Approve the lease buyout of two D8 dozers in an amount of \$359,040.
Funds are Available in the Following Accounts:	Funds in the amount of \$359,040 would need to be transfered from 541-04-4210/5413130 to 541-04-4210/5422510.

Cover Memo

Item # 6

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

Unit	Lease Buy out	Lease Hour:	Current Hours	Ops hrs till December
1	\$179,520.00	7500	8115	1100
2	\$179,520.00	7500	8100	0
	\$359,040.00			1100

Total Hours Used	Hrs over lease	Overage Cost per Hr	Overage Cost
9215	1715	\$38.92	\$66,747.80
8100	600	\$38.92	\$23,352.00
17315	2315		\$90,099.80



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
Fire Department Training Center Change Order #1**

Department: Fire, Chief Howard Willis

Caption: Approve Change Number One (CPB #324-034510-207324003) in the amount of \$86,000 to be transferred from the Project Contingency account to Storm Drainage. Also approve Change Order Number One with Payne Construction in the amount of \$238,107 as requested by the Fire Department.

Background: The original scope of work with Payne Construction included replacing corrugated pipes and junction structures, grading, and overlaying the existing paved area with a 2 inch asphalt overlay. The proposed change in scope includes an additional 4 inches of asphalt/overlay to the existing 2 inch asphalt and the proposed 2 inch overlay. This will give the paved area a total thickness of 8 inches.

Analysis: While under construction, it was observed that the existing asphalt was only 2 inches in various areas. The additional 2 inches of asphalt included in the original bid would not be adequate for the Fire trucks entering and exiting the training station. It was determined that an addition 4 inches of asphalt would be adequate for the proposed truck traffic.

Financial Impact: Funds are available in Phase IV Project account.

Alternatives: 1) Approve Change Number One (CPB #324-034510-207324003) in the amount of \$86,000 to be transferred from the Project Contingency account to Storm Drainage. Also approve Change Order Number One with Payne Construction in the amount of \$238,107 as requested by the Fire Department
2) Do not approve and risk constructing a partial project.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: 324-034510-207324003

REVIEWED AND APPROVED BY:

**Finance.
Administrator.**

Cover Memo

Item # 7



**Engineering Services Committee Meeting
8/25/2008 1:15 PM**

Implement Phase 2 of Solid Waste Collections software in an amount of \$130,000

Department:	Solid Waste
Caption:	Motion to approve implementing Phase 2 of Solid Waste Collections software in an amount of \$130,000.
Background:	In 2007, the Solid Waste Department purchased and began to customize and implement a specialized landfill, customer service, and management software package. To date, the landfill and a portion of the customer service pieces have been installed and are actively being used by staff on a daily basis; however, the Solid Waste Department is ready for the next phase of implementation to include advanced customer service, landfill, management, as well as reporting functionalities.
Analysis:	Since the initial implementation of the software package (Phase 1), the Solid Waste Department staff as well as IT staff have worked closely with the software developers in order to enhance the basic software package to better suit the needs of both the landfill and collections sides of the facility. Such enhancements include things such as modifying tickets and adjusting bills, to tracking special waste manifests; as well as producing the associated reports needed for both management oversight and for reporting to Georgia EPD. This Phase 2 implementation will allow the Solid Waste Department to provide an exceptional level of customer service on both the collections side as well as the landfill side. Additionally, the integration of landfill scale automation to correspond with the completion of construction on the scale systems will allow the landfill to process customers with a greater degree of accuracy than ever before. This phase of implementation also adds many additional security features that were previously performed manually by staff. All in all, these enhancements will improve production, overall functionality and customer service.
Financial Impact:	Implementation of Phase 2 is \$130,000. Such funds are available in 542-04-4110/5424220 with a transfer of funds from 542-04-4110/5233112.
Alternatives:	1. Implement Phase 2 of the solid waste collections software. 2. Do not approve the implementation of Phase 2 and limit the efficiency and production capabilities of the Solid Waste Department.
Recommendation:	Alternative 1.
Funds are Available in the Following Accounts:	Funds are available in 542-04-4110/5424220 with a transfer of funds from 542-04-4110/5233112. Cover Memo Item # 8

REVIEWED AND APPROVED BY:

Finance.

Administrator.

Clerk of Commission



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
Landfill gas system**

Department: Solid Waste

Caption: Approve CH2M Hill to perform a current state investigation, best use analysis and design a new gas compressor/beneficial use station based on the decided best use, not to exceed \$350,000 dollars.

Background:

Augusta-Richmond County's Solid Waste Department operates the largest municipal solid waste (MSW) landfill in the Central Savannah River Area (CSRA). The landfill sits on approximately 1,200 acres, with 303 acres currently permitted for MSW. This landfill takes in 1,100 to 1,400 tons per day. In 2006 alone, the landfill received 322,903 total tons of waste. At the current volumes and remaining landfill capacity, Augusta-Richmond County's landfill has a life expectancy in excess of 95 years. In addition to the MSW disposal, there is also an inert landfill and a recycling area for metal and tires. In 1984, Richmond County purchased approximately 1,181 acres from Carl E. Sanders to build a sanitary landfill. In 1985, two cells were constructed—both were unlined and one was eventually capped and the other remains un-capped. Anticipating new, more environmentally driven legislation, Richmond County closed the landfill cells in October 1993. Shortly thereafter, they began the construction of, at that time, a state-of-the-art lined landfill that fulfilled the Subtitle D requirements set forth by the Georgia Environmental Protection Division. This cell, known as II-C, was expanded in 1999 and remains open today, although is slated for closure activities in 2008. Cell II-C consists of approximately 66 acres and contains 4,658,000 CY of permitted airspace including waste and cover. In 2005, Augusta-Richmond County began the development of additional Subtitle D landfill space that consists of approximately 303 permitted acres. This area is known as Phase III. Currently, one cell has been filled to date, and contains approximately 770,000 CY of waste. After several early years of non-compliance due to methane gas migration, Augusta hired an environmental engineer in 1994 to bring the facility into compliance as the EPD was requiring more stringent monitoring of all landfills in Georgia. The Solid Waste Facility joined forces with a gas recovery company to build a gas recovery system. In 1996 the gas recovery company started work on building a system to remove the methane from the landfill. It was completed and operational in 1998. This system pulls the landfill gas from the cells and processes it; after it is processed it is sent to an end user company which uses the gas as an alternative energy source. The installation of this system brought the solid waste facility into compliance with Title V requirements. Beginning in 2004, Augusta had doubt regarding the operations of the gas collection and control facility. Through a lengthy process, Augusta worked with its gas recovery company to resolve the differences. This process was unsuccessful. Thereafter, Augusta hired an attorney to represent the interest of Augusta. Through a series of legal events, Augusta offered to purchase

the gas system from the gas recovery company. This purchase was closed on January 3rd, 2008.

Analysis:

The solid waste department views this project as one that has five distinct parts. First is determining the current state of our gas volumes, quality, and other key stats needed to understand our system. This data will assist Augusta determine the best use for our additional gas. It would tell Augusta what our upside would be to continue on with any one of the following options. The second portion of this project would be to do a cost/benefit analysis on key energy projects which could be achieved using sources from the landfill. The solid waste department recommends looking at the following. a. Direct use by another customer. b. Power Generation/co-generation. c. High BTU to include LNG for vehicles or direct inject into a pipeline. d. Gasification of landfill products to enhance the gas produced at the landfill. The third step is determining the actual solution which is best for Augusta. This could be one or a series of the options listed in the third task. This action will require commission action, as funds will need to be approved for the construction under task five. The fourth step would be to upgrade our current gas collection and control system based on the information gathered in stage one. This would include the incorporation of system automation, a larger blower, and new larger compressors. Depending on the system requirements, the old system may be kept and ran in conjunction with another system. This would include designing the system with enough flexibility to accommodate any of the below related projects. The fifth portion of this project is the actual construction of the added beneficial use.

Financial Impact:

Steps one through three will have a cost not to exceed \$350,000 dollars. Augusta is currently receiving about \$120,000 per month in gas sales. At this time, the Solid Waste Department does not know how much additional upside there would be to offset the construction cost. At this point, there is no real way to know how much additional monies can be generated off this system. This is because we do not know how much additional gas we have to sell, as well as we do not know what type of price will be negotiated for the gas.

Alternatives:

1. Continue to run the system status quo.

Recommendation:

Approve CH2M Hill to perform a current state investigation, best use analysis and design a new gas compressor/beneficial use station based on the decided best use, not to exceed \$350,000 dollars.

Funds are Available in the Following Accounts:

Transfer \$350,000 from 541-04-4210/5413130 to 541-04-4210/5212115.

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Administrator.**

Cover Memo

Item # 9

RFQ #08-051 Landfill Gas Consultant for Solid Waste Facility RFQ Opening Date: Friday, February 22, 2008 @ 11:00 a.m.			
Vendors:	Original	6 Copies	Add 1
Siemens 1746 Corporate Dr. Norcross, GA 30093	X	X	X
SCG Engineers 5041 Dallas Highway, Suite 608 Powder Springs, GA 30127	Noncompliant - State Immigration Forms		
CH2M Hill 1450 Greene St., Suite 200 Augusta, GA 30901	X	X	X
Golder Associates 37030 C. Hamblee Tucker Rd. Atlanta, GA 30341	Noncompliant - package was submitted late		

Local vendors are
highlighted in blue.

RFQ 08-051 Landfill Gas Consultant Cumulative Score Sheet			
Evaluation Criteria	Points Available	CH2M Hill	Siemens
Business and Financial Capabilities	15	12	14
Technical Capabilities and Project Personnel	25	21	19
Relevant Experience Including Past and Present Performance	25	19	20
Development Capabilities, Innovative Concepts, and Cost Effectiveness	25	17	21
Experience in and Approach to Community Relations	10	10	6
Legal Issues Disclosure	10	9	5
Presentations	15	13	11
Totals	125	<u>101</u>	<u>96</u>

Bidders List

RFQ
Bid Item # 08-051 Cost \$ _____

#	Company Name	Complete Mailing Address	Date	Spec. #	Initials	Mailed By
1	CH2M Hill 1000 Abernathy Road Suite 1600		4/11/08		pgm	us mail
2	Atlanta, GA 30328 Attn: Tony Johnson					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

User: Mills, Phyllis

Organization:

City of Augusta, GA (Augusta Commission)

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFQ-08-051-0-2008/PJM**Bid Name** Landfill Gas Consultant

2 Document(s) found for this bid

32 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Mountain Environmental Group	8286485556	8286481566	2			Documents
Advanced Environmental Management, Inc.	7702428282	6789908979	2			Documents
Ana-Lab Corp	9039840551	9039845914	2	1. Veteran Owned		Documents
Arcadis	7704318666	7704352666	2			Documents
Atlantic Coast Consulting	9122363471	9122363472	2			Documents
Beck Disaster Recovery, Inc.	4078035730	4078035701	2			Documents
BMS Enterprises, Inc.	7707853916	7707853918	2			Documents
CH2M HILL	1111111111	1111111111	1			Documents
ch2mhill	7706049095	7706049183	2			Documents
Cook Coggin Engineers, Inc.	6628427381	6628444564	2			Documents

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFQ-08-051-0-2008/PJM**Bid Name** Landfill Gas Consultant

2 Document(s) found for this bid

32 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Delaton Service Corporation	7068837900	7068827635	2	1. Small Business		Documents
EarthBalance	9414267878	9414268778	2			Documents
First Environment, Inc,	6305771469	6302458390	2			Documents
Foth Infrastructure & Environment, LLC	4074526127	9204966902	1	1. Small Business		Documents
FTN Associates, Ltd.	5012257779	5012256738	2			Documents
Glatting Jackson Kercher	4078436552	4078391789	1			Documents
Golder Associates	7704928000	1111111111	2			Documents
HDR, Inc.	6787754800	6787754848	2			Documents
HSA Engineers & Scientists	8139713882	8139711862	2			Documents
John Wright & Associates, LLC	4049332250	8777422250	2			Documents

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFQ-08-051-0-2008/PJM**Bid Name** Landfill Gas Consultant

2 Document(s) found for this bid

32 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Knology of Augusta, Inc.	7063641007	7063649984	2			Documents
McGraw-Hill Construction Dodge	2399392525	2399392331	2			Documents
Montauk Energy	8502430033	8502430077	2			Documents
Onvia, Inc. - Content Department	2063739500	8882637801	2			Documents
PANDEY Environmental, LLC	6144448078	6144448079	2			Documents
Richardson Smith Gardner & Associates, Inc.	9198280577	9198283899	2			Documents
Riley, Park, Hayden & Associates, Inc.	6783809170	6783809171	2			Documents
SCS ENGINEERS	8136210080	8136236757	2			Documents
Siemens	7709352000	7709352950	2			Documents
SPERC (Saint Petersburg Environmental Research Center)	7278944000	7278944009	2			Documents

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFQ-08-051-0-2008/PJM**Bid Name** Landfill Gas Consultant

2 Document(s) found for this bid

32 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Tetra Tech NUS	8138060202	8138060405	2			Documents
The Gel Group, Inc	8437697378	8437697397	2			Documents

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FYI: Process Regarding Request for Proposals/Qualifications

§ 1-10-43

AUGUSTA-RICHMOND COUNTY CODE, READOPTED 7-10-2007

- (3) The character, integrity, reputation, judgment, experience, and efficiency of the bidder,
- (4) The quality of performance on previous contracts,
- (5) The previous and existing compliance by the bidder with laws and ordinances relating to the contract or services,
- (6) The sufficiency of the financial resources of the bidder relating to his ability to perform the contract,
- (7) The quality, availability, and adaptability of the supplies or services to the particular use required, and
- (8) The number and scope of conditions attached to the bid by the bidder.

(j) *Award to other than low bidder.* When the award is not given to the lowest bidder, a full and complete statement of the reasons for placing the purchase order or other contract elsewhere shall be prepared and signed by the Procurement Director and/or Administrator and made part of the record file for audit proposes.
(Ord. No. 6939, § 16, 1-2-07)

Sec. 1-10-44. Request for proposals.

Request for proposals shall be handled in the same manner as the bid process as described above for solicitation and awarding of contracts for goods or services with the following exceptions:

- (a) Only the names of the vendors making offers shall be disclosed at the proposal opening.
- (b) Content of the proposals submitted by competing persons shall not be disclosed during the process of the negotiations.
- (c) Proposals shall be open for public inspection after the award is made.
- (d) Proprietary or confidential information, marked as such in each proposal, shall not be disclosed without the written consent of the offeror.
- (e) Discussions may be conducted with responsible persons submitting a proposal determined to have a reasonable chance of being selected for the award. These discussions will only be for the purpose of clarification to assure a full understanding of the solicitation requirement and responsiveness thereto.
- (f) Nonmonetary revisions may be permitted after submissions and prior to award for the purpose of obtaining the best and final offers.
- (g) In conducting discussions with the persons submitting the proposals, there shall be no disclosure of any information derived from the other persons submitting proposals.

Sec. 1-10-45. Sealed proposals.

(a) *Conditions for use.* The competitive sealed proposals method may be utilized when the Augusta-Richmond County Administrator approves the written justification of the Procurement Director or using agency head that the sealed bid method is not in the best interest of Augusta-Richmond County. Generally, this method may be used when competitive sealed bidding (involving the preparation of detailed and specific specifications) is either not practicable or not advantageous to Augusta-Richmond County. In the case of procurement computer software, for example, it is in the best interest of Augusta-Richmond County to specify functional requirements and outputs, and allow the bidders to propose based on the closest available product(s) and software or software development services meeting our needs.

(b) *Request for proposals.* Competitive sealed proposals shall be solicited through a request for proposals (RFP).

(c) *Public notice.* Adequate public notice of the request for proposals shall be given in the same manner as provided in section 1-10-43(c)(Public Notice and Bidder's List); provided the normal period of time between notice and receipt of proposals minimally shall be fifteen (15) calendar days.

(d) *Pre-proposal conference.* A pre-proposal conference is not required but recommended for purposes of expounding on the requirements and

GENERAL GOVERNMENT

§ 1-10-46

soliciting vendor/contractor input. Such conferences should be scheduled at least five (5) days prior to the date set for receipt of proposals, and notice shall be handled in a manner similar to section 1-10-44(c)-Public Notice and Bidder's List.

(e) *Receipt of proposals.* Proposals will be received at the time and place designated in the request for proposals, complete with bidder qualification and technical information. Price information shall be separated from the proposal in a sealed envelope and opened only after the proposals have been reviewed and ranked.

The names of the respondents will be identified at the proposal opening; however, no proposal will be handled so as to permit disclosure of the detailed contents of the response until after award of contract. A record of all responses shall be prepared and maintained for the files and audit purposes.

(f) *Public inspection.* The responses will be open for public inspection only after contract award. Proprietary or confidential information marked as such in each proposal will not be disclosed without written consent of the offeror.

(g) *Evaluation and selection.* The request for proposals shall state the relative importance of price and other evaluation factors that will be used in the context of proposal evaluation and contract award. (Pricing proposals will not be opened until the proposals have been reviewed and ranked).

- (1) Selection committee. A selection committee, minimally consisting of representatives of the procurement office, the using agency, and the Administrator's office or their choice shall convene for the purpose of evaluating the proposals.
- (2) Preliminary negotiations. Discussions with the offerors and technical revisions to the proposals may occur. Discussions may be conducted with the responsible offerors who submit proposals for the purpose of clarification and to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussions

and revision of proposals and such revisions may be permitted after submission and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing offerors.

(h) *Final negotiations and letting the contract.* The Committee shall rank the technical proposals, open and consider the pricing proposals submitted by each offeror, and request final and best offers from the top ranked three firms if available. Award shall be made or recommended for award through the Augusta-Richmond County Administrator, to the responsible offeror whose proposal is determined to be the most advantageous to Augusta-Richmond County, taking into consideration price and the evaluation factors set forth in the request for proposals. No other factors or criteria shall be used in the evaluation. The contract file shall contain a written report of the basis on which the award is made/recommended. The contract shall be awarded or let in accordance with the procedures set forth in this Section and Article 10, section 1-10-71 of this chapter. (Ord. No. 6939, § 16, 1-2-07)

Sec. 1-10-46. Authority to contract for special services.

As used in this section, special services are those professional services, such as those provided by physicians, architects, ministers, engineers, accountants and attorneys, which are normally obtained on a fee basis. In the procuring of professional services those departments which normally utilize such services may contract on their behalf for such service in accordance with this article provided that the following requirements are met:

- (a) The department must solicit the best possible contract with the person providing the professional service.
- (b) Negotiation with the person providing professional services shall include the department head and the Augusta-Richmond County Administrator.
- (c) The department shall obtain the approval of the Commission.

T1:147



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
St. Sebastian Way (Supplement to the GDOT Agreement for Mast Arm Poles)**

Department: Abie L. Ladson PE, Director

Caption: Motion to supplement the Georgia DOT contract with Sunbelt Structures in the amount of \$55,904 to cover the additional costs of upgrading the signal pole mast arms to black powder-coated system for the Engineering Department on the St. Sebastian Way/Greene St/15th St. project.

Background: The St. Sebastian Way project currently includes the installation of 32 mast arm signal poles. Georgia DOT contract requirements allow that DOT will only provide for the cost of their standard stainless steel mast-arm design. In past projects in the downtown area, such as Laney Walker Boulevard and the 13th Street, the city has provided the additional costs associated with providing black powder-coated mast arm poles.

Analysis: Providing the black powder coated mast arms for the St. Sebastian Way project will be a continuation of the movement to standardize the mast arm poles in the Central Business District.

Financial Impact: Based on the cost estimate provided by Sun Belt Structures, the cost of upgrading all 32 mast arms to the powder coated system is \$55,904. Funds are available in the project engineering account 324-041110-5212115/202824003-5212115.

Alternatives: 1) Approve the proposed supplement. 2) Do not approve.

Recommendation: Approve alternative number one.

Funds are Available in the Following Accounts: 324-041110-5212115/202824003-5212115

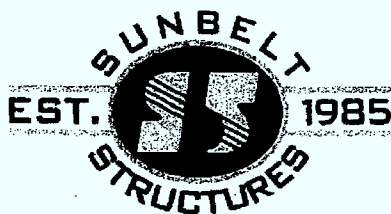
REVIEWED AND APPROVED BY:

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

Cover Memo

Item # 10

Sunbelt Structures, Inc.
P.O. Box 327
Tucker, Georgia 30085-0327
4635 North Royal Atlanta Drive
Tucker, Georgia 30084-3802
P: 770-934-1839
F: 770-939-7386
www.sunbeltstructures.com



July 17, 2008

Mr. Steve Cassell
Engineer
Augusta Richmond County
507 Telfair Street
Augusta, Ga. 30901

RE: DE0000-00MS-00(389)01

Subject: Signal Poles, Powder Coat Black

Dear Mr. Cassell,

Sunbelt Structures Inc., request a Supplemental Agreement for the following extra work item, "Traffic Signal Mast Arm Strain Poles to be Powder Coated Black". We submit the following cost for this change in scope on the above referenced project. Please see information attached for back-up. Following, please find our price for this change in work:

ITEM DESCRIPTION	QUANTI TY	UNIT	UNIT PRICE	AMOUNT
Traffic Signal Mast Arm Strain Poles to be Powder Coated Black	32	EA	1,747.00	55,904.00
			Total	\$ 55,904.00

As you are aware, it is important that we receive approval to proceed with this additional work. Therefore, if you find the above prices acceptable, please execute a Supplemental Agreement at your earliest convenience..

If you have any question, please call me at 770-355-7471(mob) or 770-934-1839.

Sincerely,

Craig Weatherly
Sunbelt Structures, Inc.

C.C. Mike Williams, Job File



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
The Procter & Gamble Manufacturing Company Easement Deed**

Department: Augusta Utilities Department

Caption: Motion to approve an Easement Deed from The Procter & Gamble Manufacturing Company.

Background: The Augusta Utilities Department will be completing the construction of the water main on Mike Padgett Highway (S.R. 56) and needs an easement from Procter & Gamble.

Analysis: Procter & Gamble has agreed to the Easement and has executed the Deed.

Financial Impact: N/A

Alternatives:

Recommendation: Approve the Easement Deed from The Procter & Gamble Manufacturing Company.

Funds are Available in the Following Accounts: N/A

REVIEWED AND APPROVED BY:

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

**AUGUSTA, GEORGIA
EASEMENT DEED**

Attachment number 1
Page 1 of 3

PROJECT: 10120 - Highway 56 24 Inch Water Main
PARCEL IDENTIFICATION NUMBER: 134-0-005-00-0 **ADDRESS:** 3464 Mike Padgett Hwy.

THIS INDENTURE made and entered into this ____ day of _____ 2008, between **The Procter & Gamble Manufacturing Company**, an Ohio corporation, hereinafter referred to as OWNER, and **Augusta, Georgia**, a political subdivision under the laws of Georgia, hereinafter referred to as AUGUSTA;

WITNESSETH, that Owner, for and in consideration of the sum of ONE DOLLAR (\$1.00) in hand and truly paid by Augusta at and before the sealing and delivery of these presents, and other valuable consideration, the receipt whereof is hereby acknowledged, has granted, bargained, sold, conveyed and confirmed, and by these presents does grant, bargain, sell, convey and confirm unto Augusta, its successors and assigns, an easement in perpetuity under, across and through the hereinafter described parcel of land.

Said easement consists of 5,430 Square Feet, more or less, as shown on a plat prepared by William R. Gore Professional Land Surveyors, Inc., dated April 2008, attached hereto and made a part hereof, to which reference is made for a more accurate and complete description of the metes, bounds and courses, and being solely for the purpose of laying, relaying, installing, extending, operating, repairing and maintaining pipelines transporting and carrying utility services, the same hereinafter being referred to as the "Project."

Owner does also grant unto Augusta a temporary easement consisting of 2,323 Square Feet, more or less, as shown on said plat. Said easement is granted together with the right to dig such trenches in said parcel of land 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 parcel of land. Said temporary easement is granted only for the aforementioned purposes and shall expire at the completion and final acceptance of the Project by Augusta.

Augusta represents that the Project is expected to commence by October 2008 and completion and final acceptance of the Project is expected to occur by June 2009. Augusta shall use all reasonable efforts to adhere to this time estimate and shall notify Owner in the event of any delays.

Owner 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 easement for this purpose and all other purposes stated herein.

Owner does agree that no other utilities may be constructed within the aforesaid easement in perpetuity except by written permission of the Augusta Utilities Department. Augusta does agree that no other work beyond that specified in this agreement will be conducted as part of the Project without the prior written approval of Owner.

Owner, its successors, heirs, assigns and legal representatives, after the completion of this Project, shall have the right to use said parcel 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.

After completion of construction and testing, Augusta agrees that it will instruct the project contractor to smooth out the ground and seed with grass, within the easement areas. Augusta shall restore Owner's property to its preexisting condition or such other condition as Owner and Augusta may agree upon the completion of the construction and testing of this pipeline.

Augusta shall have an ongoing obligation to maintain, at its sole cost and expense, the pipelines installed within the easement areas and any related equipment or improvements within the easement areas.

Augusta shall be liable for and shall pay for all damages, to the extent caused by its employees, contractors, or agents, in connection with the laying, relaying, installing, extending, operating, repairing and maintaining of the pipelines or any related equipment or improvements within the easement areas. Augusta shall indemnify and hold Owner harmless from any and all loss, costs, damages, claims, actions or liability arising from Augusta's (or Augusta's employees, agents or contractors) exercise of the rights herein granted, except to the extent such loss, costs, damages, claims, actions or liability is caused solely by the fault, failure or negligence of Owner.

Augusta agrees that its employees, contractors or agents and/or their equipment, materials or supplies shall not block any of the roads or driveways that allow vehicular traffic to enter or exit Owner's facility.

Augusta shall give Owner at least five (5) business days notice, by contacting Johnny Crawley at 706-796-4100, in advance of any construction activity in the easement areas so that Owner can arrange to have a representative present during the construction, if so desired.

Attachment number 1
Page 2 of 3

If Augusta wishes to publicly release (other than as required by any federal, state or local statute, law, rule, regulation or ordinance) any information in connection with the Project, it will first allow Owner to review and comment on the content of such information and will make every reasonable effort to take Owner's concerns into consideration. Should there be an injury suffered on the site of the work, Augusta agrees that it will not publicly release any pictures, film or video footage of Owner's property without Owner's express written consent (except to the extent that such release is required by federal, state or local statute, law, rule, regulation or ordinance).

TO HAVE AND TO HOLD the aforesaid rights, ways, easements, privileges and appurtenances unto Augusta, its successors and assigns, in perpetuity.

And Owner, its successors, heirs, assigns and legal representatives shall and will forever warrant and defend unto Augusta, its successors and assigns, the rights, ways, easements privileges and appurtenances conveyed herein, against the claim of any person or persons whomsoever.

IN WITNESS WHEREOF, Owner has set its hand and seal, the day and year first above written.

Signed, Sealed and Delivered in the presence of:

Witness Cheryl B. Haines
Notary Public, Hamilton County, State of OHIO
My Commission Expires: 1/3/11



ANNE H. GENTILE
Notary Public, State of Ohio
My Commission Expires 01-03-11

Witness _____
Notary Public, _____ County, State of _____
My Commission Expires: _____

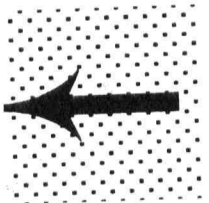
The Procter & Gamble Manufacturing Company

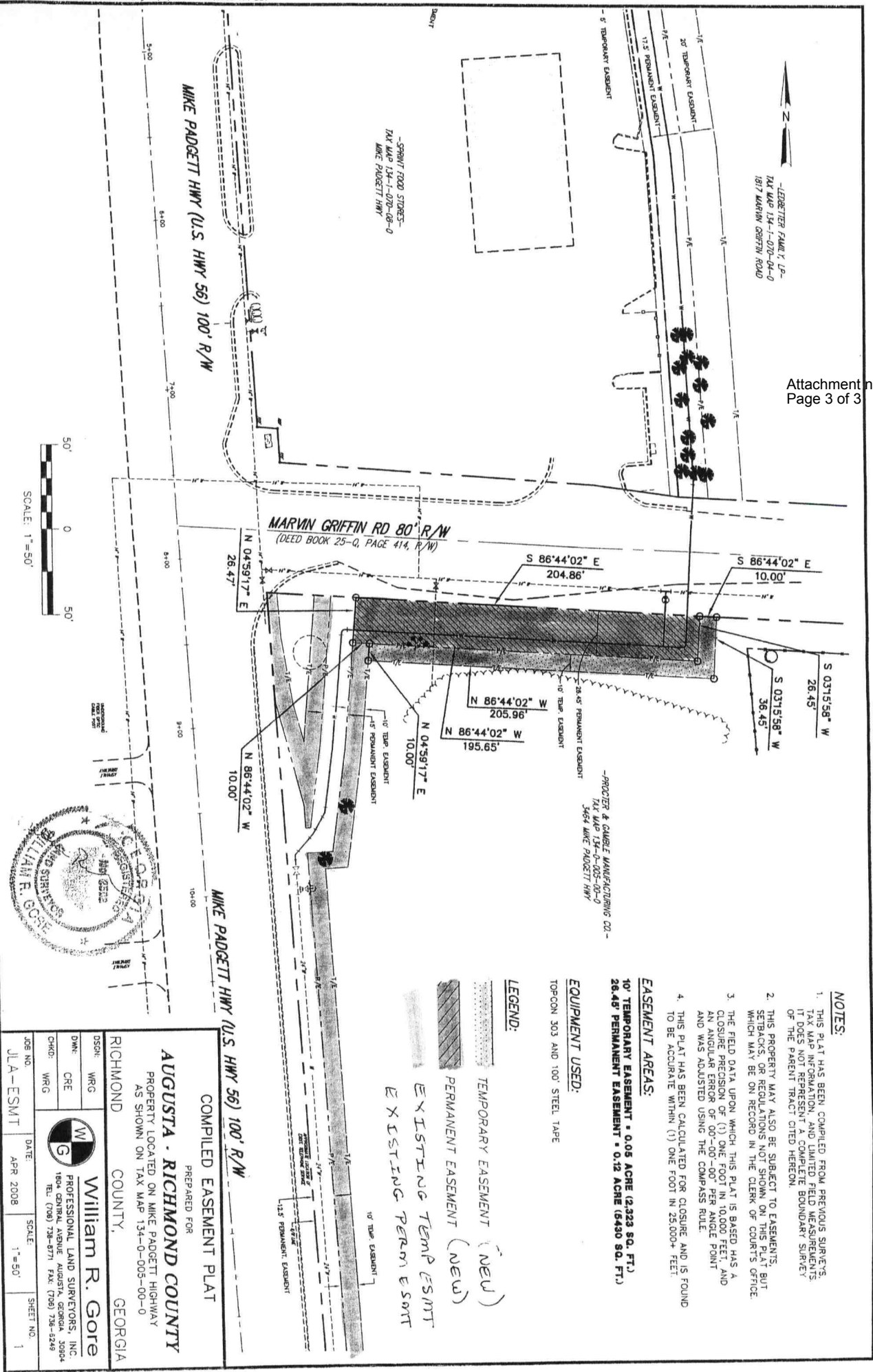
By: B. K. Banke
As Its: **BRIAN K. BANKE
ASSOCIATE DIRECTOR**

Attest: Diana Peltier
As Its: ASSISTANT SECRETARY

Augusta, Georgia

By: _____
As Its: _____
Attest: _____
As Its: _____





Attachment number 1
Page 3 of 3

NOTES:

1. THIS PLAT HAS BEEN COMPILED FROM PREVIOUS SURVEYS. TAX MAP INFORMATION AND LIMITED FIELD MEASUREMENTS DO NOT REPRESENT A COMPLETE BOUNDARY SURVEY OF THE PARENT TRACT CITED HEREON.
2. THIS PROPERTY MAY ALSO BE SUBJECT TO EASEMENTS, SETBACKS, OR REGULATIONS NOT SHOWN ON THIS PLAT BUT WHICH MAY BE ON RECORD IN THE CLERK OF COURTS OFFICE.
3. THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF (1) ONE FOOT IN 10,000 FEET, AND AN ANGULAR ERROR OF 00'-00"-00" PER ANGLE POINT AND WAS ADJUSTED USING THE COMPASS RULE.
4. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN (1) ONE FOOT IN 25,000+ FEET.

EASEMENT AREAS:

10' TEMPORARY EASEMENT • 0.06 ACRE (2,323 SQ. FT.)
26.45' PERMANENT EASEMENT • 0.12 ACRE (6,430 SQ. FT.)

EQUIPMENT USED:

TOPCON 303 AND 100' STEEL TAPE

LEGEND:

- TEMPORARY EASEMENT (NEW)
- PERMANENT EASEMENT (NEW)
- EXISTING TEMPORARY EASEMENT
- EXISTING PERMANENT EASEMENT

COMPILED EASEMENT PLAT			
PREPARED FOR			
AUGUSTA - RICHMOND COUNTY			
PROPERTY LOCATED ON MIKE PADGETT HIGHWAY			
AS SHOWN ON TAX MAP 134-0-005-00-0			
RICHMOND COUNTY, GEORGIA			
DSGN:	WRG	William R. Gore	
DWN:	CNE	PROFESSIONAL LAND SURVEYORS, INC.	
CHKD:	WRG	1604 CENTRAL AVENUE, AUGUSTA, GEORGIA 30904	
JOB NO. JLA-ESMT		DATE: APR 2008	SCALE: 1"=50'
			SHEET NO. 1



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
Walton Acres Section 9**

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

Caption: Approve the deeds of dedication and road resolutions submitted by the Engineering, and Augusta Utilities Departments for Walton Acres Subdivision, Section 9.

Background: The final plat was approved by the Commission on June 20, 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 of same.

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, water and sanitary sewer installations into the County system, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed, 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 and road resolutions submitted by the Engineering, and Augusta Utilities Departments for Walton Acres Subdivision, Section 9. 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.
Administrator.**

Cover Memo

Item # 12



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 *AEW*

Date: Tuesday, May 27, 2008

Subject: Certificate of Completion
Dedication of Walton Acres, Section Nine
File reference: 2008 – 05 (A)

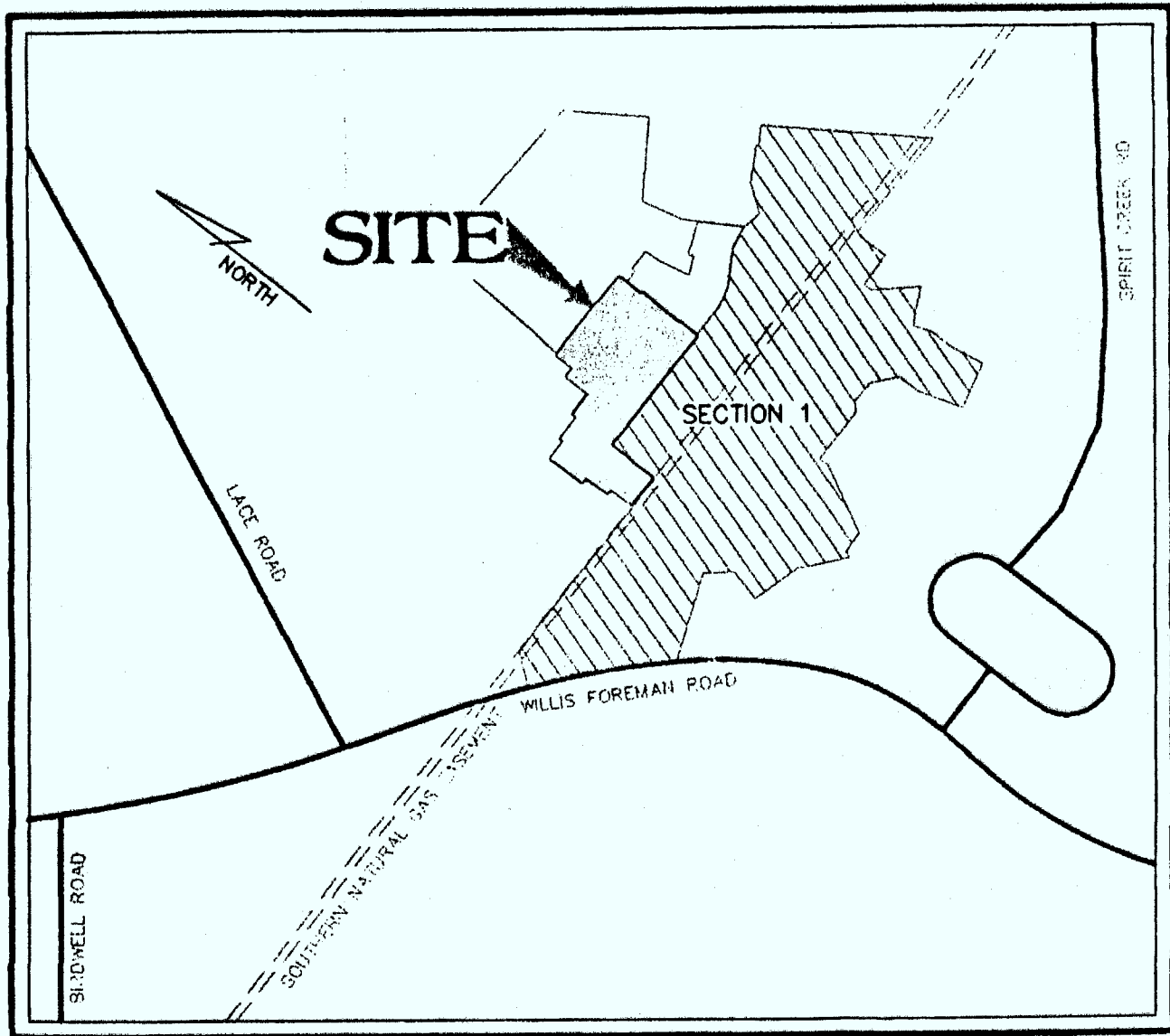
As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set 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)
)
RICHMOND COUNTY)

DEED OF DEDICATION
(Roads and Storm Drainage)

WHEREAS, Southern Specialty Development Co. owns a tract of land in Richmond County, Georgia known as **Walton Acres, Section 9** and in the building of a housing subdivision on said tract, it has laid out a storm drainage system, water distribution system, road and street system, and sanitary sewerage system; and,

WHEREAS, it is the desire of **Southern Specialty Development Co.** to deed the closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system" to Augusta, Georgia, a political subdivision of the State of Georgia acting by and through its Commission for maintenance and control; and

WHEREAS, a plat of **Walton Acres, Section 9** has been prepared by James G. Swift & Associates, dated April 29, 2006 and said plat has been recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Deed Reel ^{BK} 2, pages 377; and to which reference is hereby made to said plat for a more complete and accurate description as to the land herein described; and

WHEREAS, Augusta, Georgia, by and through its Commission has consented and agreed to accept and maintain said closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system.

NOW, THEREFORE, this indenture made this _____ day of _____, 2006 between Southern Speciality Development Co., hereinafter referred to as the party of the first part and Augusta, Georgia, **A POLITICAL SUBDIVISION**, by and through its Commission, hereinafter referred to as the party of the second party,

WITNESSETH

That the party of the first part for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, to it in hand well and truly paid by the said party the second part at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged and for the further consideration of the benefits to its property by the maintenance of said closed (piped) storm water system, water

distribution system, road and street system, and sanitary sewerage system, by the party of the second part, has and does by these presents, grant, bargain, sell and confirm unto the said party of the second part, its successors and assigns, the following, to wit:

All the right, title and interest of the Party of the First Part in and to the storm drainage system, water distribution system, road and street system, and sanitary sewerage system as the same are now located and existing in **Walton Acres, Section 9**, as shown on a plat of said subdivision, which plat was prepared by James G. Swift & Associates and which plat is recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Deed Reel 2, Pages 377. (Plat Ceb. D, Slide 11, Plat A4B)

Together with all of the necessary rights of ingress and egress for the purpose of maintaining the described closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system. This deed is subject to any utility easements which have been granted in the past and all telephone lines, gas lines, or power lines for the transmission of electricity which has been granted in the past and the Grantor herein reserves an easement over the closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system, as shown on aforementioned plat by James G. Swift & Associates, herein conveyed for the purpose of the maintenance and installation of power lines for the transmission of electricity, telephone lines, and gas lines for the purpose of serving said subdivision and the property adjacent thereto.

TO HAVE AND TO HOLD said storm drainage system, water distribution system, road and street system, and sanitary sewerage system, together with all and singular, the rights, members, appurtenances thereto to the same being, belonging, or in anywise appertaining to the only proper use, benefit and behoof of the said party of the second part, its successors and assigns forever in fee simple.

AND the said party of the first part, its successors and assigns, will warrant and defend the right and title to the above described property, to the said party of the second part, its successors and assigns, against all claims of all persons whosoever.

IN WITNESS WHEREOF, the party of the first part has hereunto sets its hand and affixed its seal
the day and year first above written.

Signed, sealed and delivered
in the presence of:

Christa Stiffler
Danella S. Hume

Notary Public
Richmond County, Georgia
Commission expires: 9/19/10

Southern Specialty Development Co.

by: James Kile
James Kile, Treasurer

Date: 7-17-08

**Accepted by Augusta, Georgia
by and through its Commission**

by: _____
as the Mayor

Attest: Clerk of Commission

cc
7/30/08

SUBDIVISION: Walton Acres, Section 9

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

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

WHEREAS, Richmond County desires to make Eva Lane a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Eva Lane 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 Eva Lane (127' SW of Isaac Way)
Extending SW approx. 1,042'
- (b) Length of road to nearest 1/100th mile:
0.2 mile
- (c) Width & type of road surface:
31 foot from back of 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: _____

Handwritten signature and date 6/5/08

SUBDIVISION: Walton Acres, Section 9

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

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

WHEREAS, Richmond County desires to make Jonathan Place a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Jonathan Place 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 Caleb Way

Extending approx. 1,417' NE to
existing Jonathan Place
- (b) Length of road to nearest 1/100th mile:

0.28 mile
- (c) Width & type of road surface:

31 foot from back of 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: _____

ctj
6/5/08

SUBDIVISION: Walton Acres, Section 9

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

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

WHEREAS, Richmond County desires to make Caleb 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 Caleb 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 Walton Loop
Extending NW approx. 595'
- (b) Length of road to nearest 1/100th mile:
0.11 mile
- (c) Width & type of road surface:
31 foot from back of 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

[Handwritten signature]

Attest: _____

SUBDIVISION: Walton Acres, Section 9

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

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

WHEREAS, Richmond County desires to make Walton Loop a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Walton Loop 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 Walton Loop (95' SW
of Walton Farm Dr.)
Extending approx. 370' SW
- (b) Length of road to nearest 1/100th mile:
0.07 mile
- (c) Width & type of road surface:
31 foot from back of 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: _____

Handwritten signature and date: 6/15/08

TOGETHER WITH THE RIGHT, when construction or maintenance is necessary, to dig such trenches in said property, as described by the deed, 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.

THE PARTY OF THE FIRST PART, his heirs, legal representatives, and assigns, after the completion of the **PROJECT**, shall have the right to use said parcel in any manner not inconsistent or interfering with the rights herein granted, **EXCLUDING** the right to erect, construct, or maintain thereon any buildings or permanent improvements.

AS A PART of the consideration for said conveyance, the Party of the Second Part covenants as follows:

(a) To cause the top of the pipelines to be laid a sufficient depth below the surface of the ground so as to permit the use of the surface thereof by the Party of the First Part for normal agricultural purposes; however in the case of ravines, streams or low places on the property, the Party of the Second Part may install the pipelines above the ground, provided that the pipelines shall be laid and maintained so as not to interfere with the natural flow of the surface water or any streams thereon;

(b) To refill the trenches it shall dig in connection with repairs, construction, maintenance, or extension, so as to leave the land available and ready for ordinary purposes of agriculture;

(c) To exercise the right of extending, making repairs to and maintain said property in a careful and skillful manner, avoiding unnecessary damage to any crop, plants, shrubs or trees growing upon said parcel of land, and in case of any such unnecessary damage, to compensate the Party of the First Part for such damage; and

(d) To give reasonable notice to the Party of the First Part of its intention to enter the said property in the exercise of the rights herein conferred except in cases of emergency.

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, his heirs and legal representatives 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, and when appropriate such phrase and related pronouns and relative pronouns shall be read as if written in the feminine or neuter, and when the grantor is a corporation, the word "successor" shall be substituted for the words "heirs" and "legal representatives" 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:

SOUTHERN SPECIALTY DEVELOPMENT CO.
Easement for Walton Acres, Section 9

By: James Kile
James Kile
As its: Treasurer

Date: 7-17-08

Christa Steff
Witness

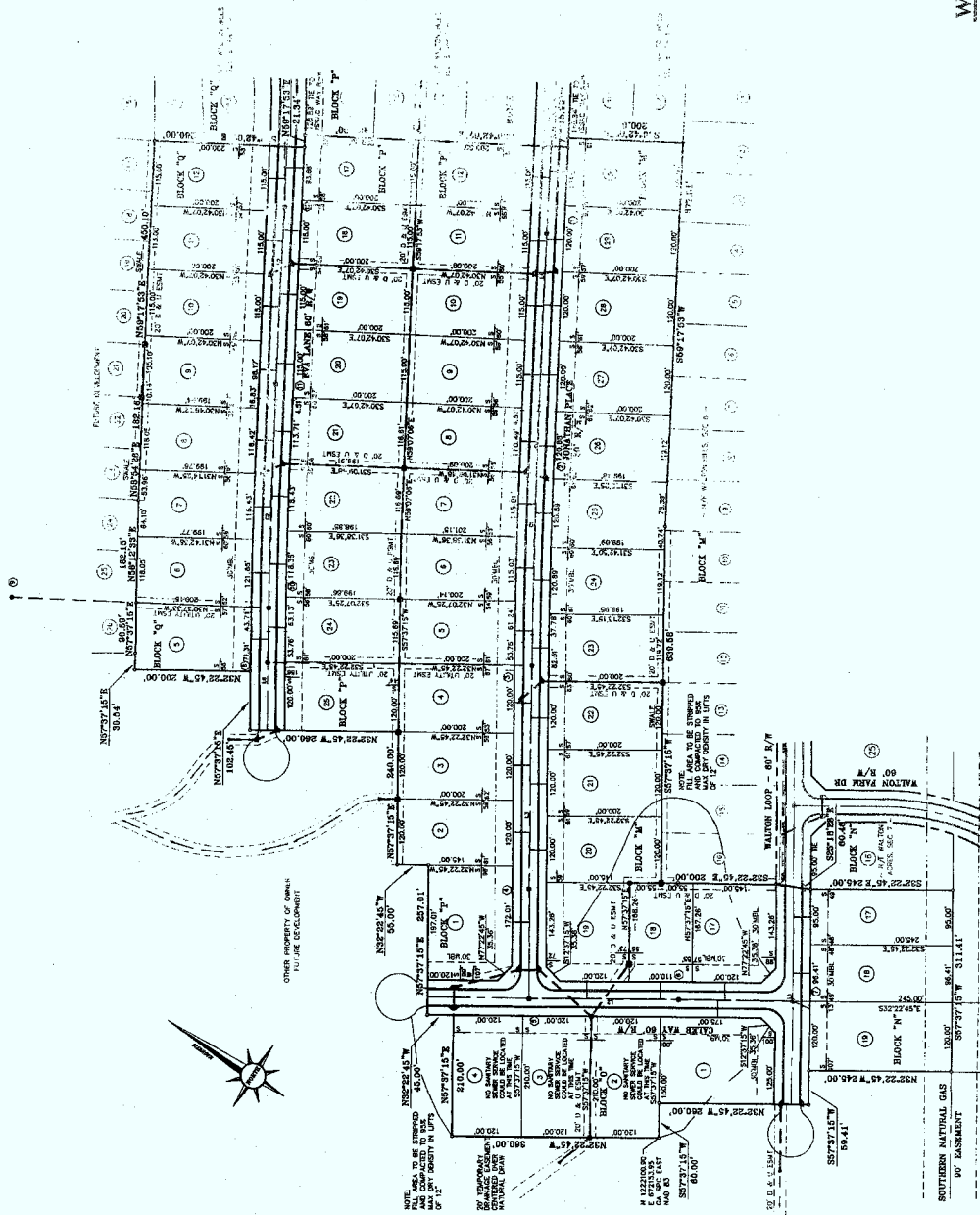
Phyllis S. Salmon
Notary Public
My Commission Expires 9/19/10

Accepted by:
AUGUSTA, GEORGIA

By: _____
As Its Mayor

Attest: _____
Administrator

etx
7/30/08



ALL STORM DRAINS ARE REINFORCED CONCRETE PIPE (R.C.P.)
ALL SEWER LINES ARE 8" P.V.C. (SD-35)
ALL WATER LINES ARE 8" P.V.C. (SD-40, CLASS 200) AS SHOWN
ON "AS-BUILT" MEASUREMENTS ARE CORRECT
FIELD VERIFIED BY THE CONTRACTOR
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ASBUILT OF SANITARY SEWER PLAT
OF
WALTON ACRES SECTION 9
SOUTHERN SPECIALTY DEVELOPMENT CORP.
FOR

*PROPERTY LOCATED IN RICHMOND COUNTY IN THE 86th G.M.D.
AUGUSTA - GEORGIA

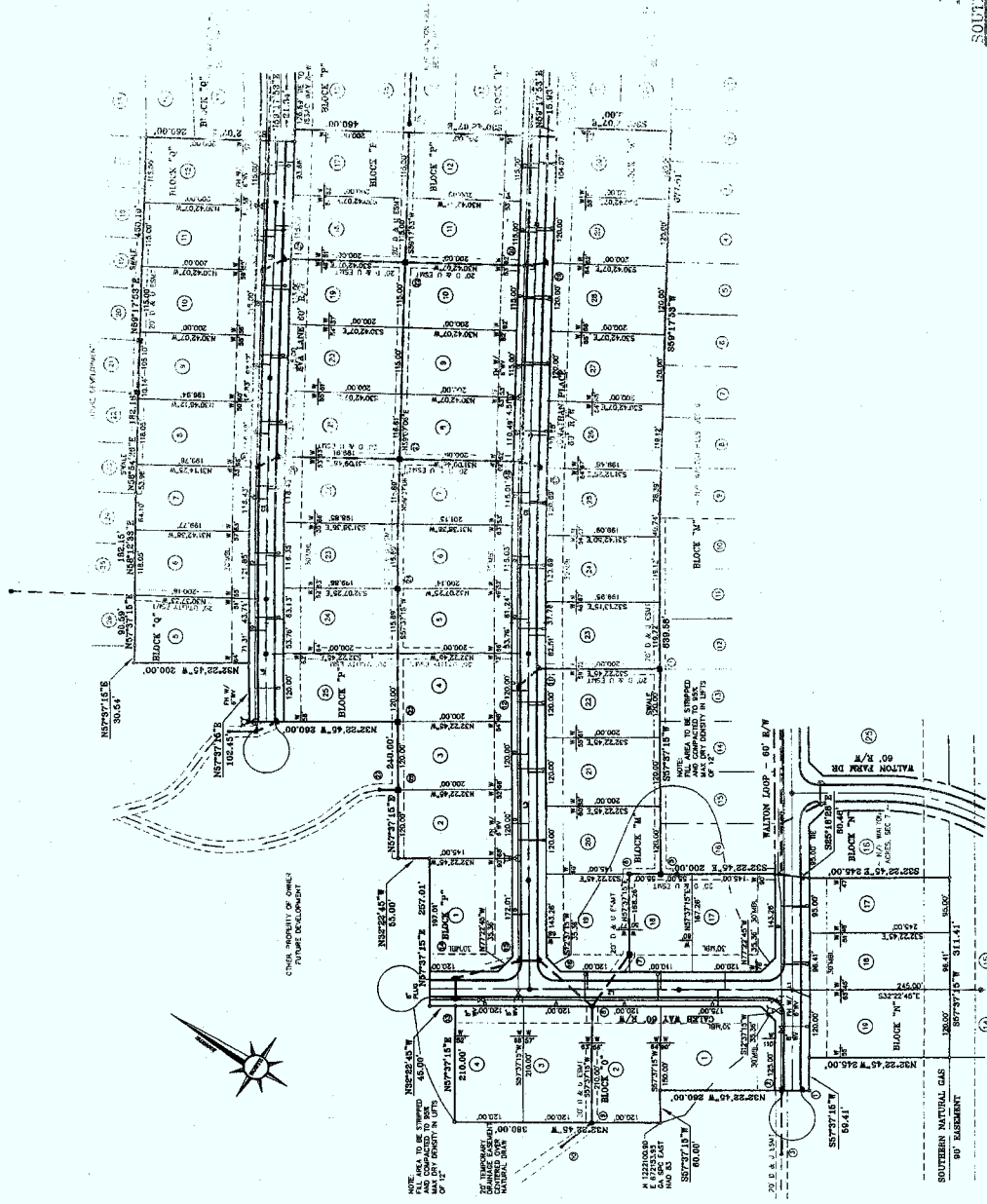
SCALE 1" = 100'
APRIL 29, 2006
PREPARED BY:
JAMES G. SWIFT & ASSOCIATES

CONSULTING ENGINEERS
1206 INTERSTATE PARKWAY - AUGUSTA, GA. - 30909
Phone: (706) 696-8103

[illegible]

Item # 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ALL STORM DRAINS ARE REINFORCED CONCRETE PIPE (RCP) (48" DIA.)
ALL WATER LINES ARE 8" P.V.C. (2000 CLASS 2000) AS SHOWN
ALL UTILITIES ARE SHOWN AS THEY EXIST AND ARE NOT TO BE
ALTERED OR MOVED WITHOUT THE WRITTEN CONSENT OF THE
OWNER TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

OWNER PROPERTY OF ORNELL
FUTURE DEVELOPMENT

NOTE: TO BE EXISTING
AND COMPARED TO MAP
OF 1977.

N 122°02'00"
E 120.00'
C.A. SEC. 14-17
MAD. 63
34.00'

20' D & J LANE

SOUTHERN NATURAL GAS
90' EASEMENT



ASSEMBLY OF WATER AND STORM PLAT
WALTON ACRES SECTION 9
SOUTHERN SPECIALTY DEVELOPMENT CORP.
PROPERTY LOCATED IN WALTON COUNTY, GEORGIA
AUGUSTA, GEORGIA
JAMES G. SWIFT & ASSOCIATES
CONSULTING ENGINEERS
1200 WILSON PARKWAY - AUGUSTA, GA 30606
OFF. 725.2800
FAX 725.2805
JGS
PREPARED BY
DATE: 11-1-00
PROJECT NO.: 98-001
SHEET NO.: 11 OF 11



**Engineering Services Committee Meeting
8/25/2008 1:15 PM
Walton Acres Section VIII**

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

Caption: Approve the deeds of dedication and road resolutions submitted by the Engineering, and Augusta Utilities Departments for Walton Acres Subdivision, Section VIII.

Background: The final plat was approved by the Commission on March 15, 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. The Utilities Department has inspected and reviewed the water and sanitary sewer installations, and hereby requests acceptance of the utility deed of same.

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 water and sanitary sewer installations into the County system, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed, 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 and road resolutions submitted by the Engineering, and Augusta Utilities Departments for Walton Acres Subdivision, Section VIII. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

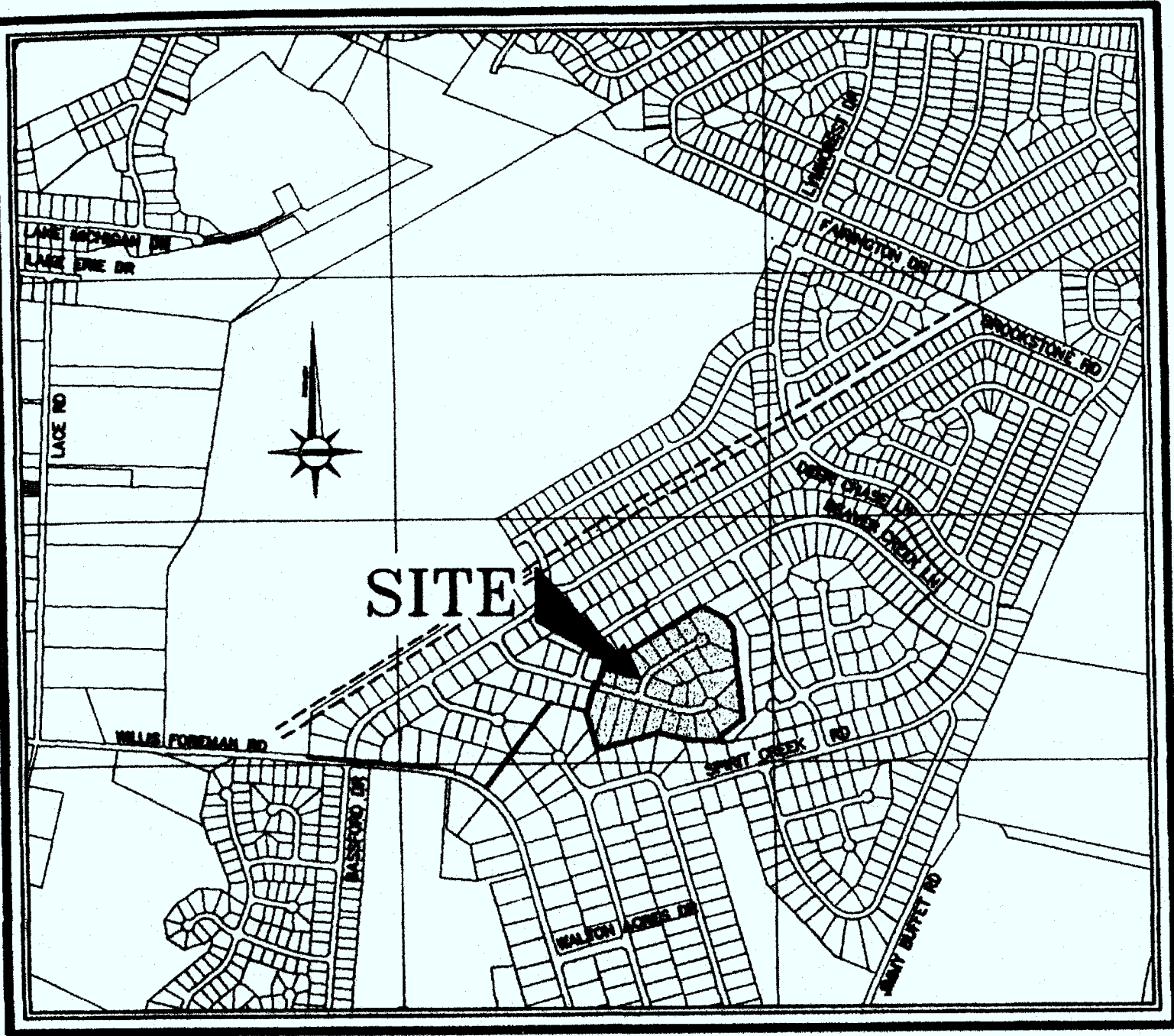
Funds are Available in the Following Accounts: Not required at this time.

REVIEWED AND APPROVED BY:

**Finance.
Administrator.**

Cover Memo

Item # 13



LOCATION MAP

SCALE: 1"=2000'



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 *AEW*

Date: Tuesday, May 27, 2008

Subject: Certificate of Completion
Dedication of Walton Acres, Section VIII
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)
)
RICHMOND COUNTY)

DEED OF DEDICATION
(Roads and Storm Drainage)

WHEREAS, **Southern Specialty Development Co.** owns a tract of land in Richmond County, Georgia known as **Walton Acres, Section VIII** and in the building of a housing subdivision on said tract, it has laid out a storm drainage system, water distribution system, road and street system, and sanitary sewerage system; and,

WHEREAS, it is the desire of **Southern Specialty Development Co.** to deed the closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system" to Augusta, Georgia, a political subdivision of the State of Georgia acting by and through its Commission for maintenance and control; and

WHEREAS, a plat of **Walton Acres, Section VIII** has been prepared by James G. Swift & Associates, dated January 4, 2005 and said plat has been recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Deed ^{Book} ~~Reel~~ 1, pages 919; and to which reference is hereby made to said plat for a more complete and accurate description as to the land herein described; and

WHEREAS, Augusta, Georgia, by and through its Commission has consented and agreed to accept and maintain said closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system.

NOW, THEREFORE, this indenture made this _____ day of _____, 2005 between Southern Specialty Development Co., hereinafter referred to as the party of the first part and Augusta, Georgia, **A POLITICAL SUBDIVISION**, by and through its Commission, hereinafter referred to as the party of the second party,

WITNESSETH

That the party of the first part for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, to it in hand well and truly paid by the said party the second part at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged and for the further consideration of the benefits to its property by the maintenance of said closed (piped) storm water system, water

distribution system, road and street system, and sanitary sewerage system, by the party of the second part, has and does by these presents, grant, bargain, sell and confirm unto the said party of the second part, its successors and assigns, the following, to wit:

All the right, title and interest of the Party of the First Part in and to the storm drainage system, water distribution system, road and street system, and sanitary sewerage system as the same are now located and existing in **Walton Acres, Section VIII**, as shown on a plat of said subdivision, which plat was prepared by James G. Swift & Associates and which plat is recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Deed Book 121, Pages 919.

Together with all of the necessary rights of ingress and egress for the purpose of maintaining the described closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system. This deed is subject to any utility easements which have been granted in the past and all telephone lines, gas lines, or power lines for the transmission of electricity which has been granted in the past and the Grantor herein reserves an easement over the closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system, as shown on aforementioned plat by James G. Swift & Associates, herein conveyed for the purpose of the maintenance and installation of power lines for the transmission of electricity, telephone lines, and gas lines for the purpose of serving said subdivision and the property adjacent thereto.

TO HAVE AND TO HOLD said storm drainage system, water distribution system, road and street system, and sanitary sewerage system, together with all and singular, the rights, members, appurtenances thereto to the same being, belonging, or in anywise appertaining to the only proper use, benefit and behoof of the said party of the second part, its successors and assigns forever in fee simple.

AND the said party of the first part, its successors and assigns, will warrant and defend the right and title to the above described property, to the said party of the second part, its successors and assigns, against all claims of all persons whosoever.

IN WITNESS WHEREOF, the party of the first part has hereunto sets its hand and affixed its seal

the day and year first above written.

Signed, sealed and delivered
in the presence of:

Christa Heflin
Phonela S. Skinner
Notary Public
Richmond County, Georgia
Commission expires: 9/19/10

Southern Specialty Development Co.

by: James Kile
James Kile, Treasurer

Date: 7-17-08

**Accepted by Augusta, Georgia
by and through its Commission**

by: _____
as the Mayor

Attest: Clerk of Commission

7/30/08

SUBDIVISION: Walton Acres, Section VIII

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

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

WHEREAS, Richmond County desires to make Hagen Court a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Hagen Court 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 McLean Place

Extending approx. 690 ft. N and NE
to and including cul-de-sac

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

0.13 mile

- (c) Width & type of road surface:

31 foot from back of 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: _____

ccj
4/5/08
item # 13

SUBDIVISION: Walton Acres, Section VIII

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

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

WHEREAS, Richmond County desires to make McLean Place a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that McLean Place 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 McLean Place

Extending approx. 916 ft. SE and E
to and including cul-de-sac

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

0.17 mile

- (c) Width & type of road surface:

31 foot from back of 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: _____

ctj
6/5/08
Item # 13

WITNESSETH:

AN EASEMENT IN PERPETUITY UNDER, ACROSS AND THROUGH the approximately marked strips of land, together with the pipelines and appurtenances located therein, which are delineated on a sanitary sewer asbuilt plat and a water asbuilt plat prepared for Walton Acres Section VIII by James G. Swift & Associates dated February 16, 2005, 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, 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 described by the deed, 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.

THE PARTY OF THE FIRST PART, his heirs, legal representatives, and assigns, after the completion of the **PROJECT**, shall have the right to use said parcel in any manner not inconsistent or interfering with the rights herein granted, **EXCLUDING** the right to erect, construct, or maintain thereon any buildings or permanent improvements.

AS A PART of the consideration for said conveyance, the Party of the Second Part covenants as follows:

(a) To cause the top of the pipelines to be laid a sufficient depth below the surface of the ground so as to permit the use of the surface thereof by the Party of the First Part for normal agricultural purposes; however in the case of ravines, streams or low places on the property, the Party of the Second Part may install the pipelines above the ground, provided that the pipelines shall be laid and maintained so as not to interfere with the natural flow of the surface water or any streams thereon;

(b) To refill the trenches it shall dig in connection with repairs, construction, maintenance, or extension, so as to leave the land available and ready for ordinary purposes of agriculture;

(c) To exercise the right of extending, making repairs to and maintain said property in a careful and skillful manner, avoiding unnecessary damage to any crop, plants, shrubs or trees growing upon said parcel of land, and in case of any such unnecessary damage, to compensate the Party of the First Part for such damage; and

(d) To give reasonable notice to the Party of the First Part of its intention to enter the said property in the exercise of the rights herein conferred except in cases of emergency.

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, his heirs and legal representatives 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, and when appropriate such phrase and related pronouns and relative pronouns shall be read as if written in the feminine or neuter, and when the grantor is a corporation, the word "successor" shall be substituted for the words "heirs" and "legal representatives" 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:

SOUTHERN SPECIALTY DEVELOPMENT CO.
Easement for Walton Acres, Section VIII

By: James Kile
James Kile
As its: Treasurer

Date: 7-17-08

Christa Stiffl
Witness

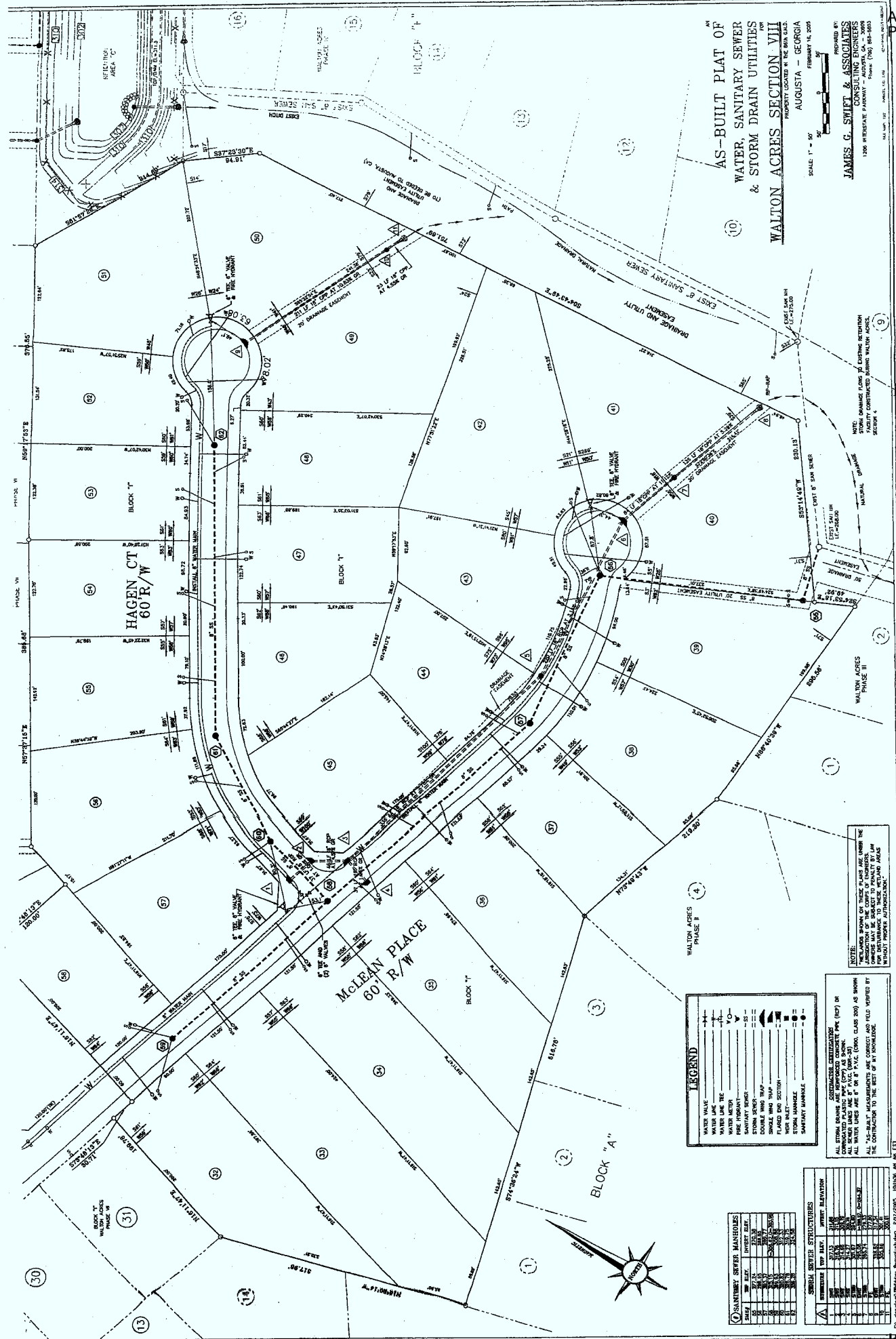
Daneta S. Starnes
Notary Public
My Commission Expires 9/19/10

Accepted by:
AUGUSTA, GEORGIA

By: _____
As Its Mayor

Attest: _____
Administrator

cb
7/30/08



AS-BUILT PLAT OF
WATER, SANITARY SEWER
& STORM DRAIN UTILITIES
FOR
WALTON ACRES SECTION VIII
AUGUSTA - GEORGIA

PREPARED BY:
JAMES G. SWIFT & ASSOCIATES
CONSULTING ENGINEERS
1308 HERBERT PARKWAY
AUGUSTA, GEORGIA 30606
PHONE (706) 733-3800
FAX (706) 733-3801
SCALE 1" = 50'
PERMANENT PLAT

NOTE: DRAINAGE FLOW IS EXISTING DRAINAGE FACILITY CONTAINED DURING WALTON ACRES SECTION VIII.

LEGEND

- WATER VALVE
- WATER LINE
- WATER MAIN
- PRE-FRIGIDANT
- SANITARY SEWER
- DOUBLE END TRAP
- FLARED END SECTION
- STORM DRAIN
- SANITARY MANHOLE

CONSTRUCTION CONTINUATION
ALL STORM DRAINS ARE IMPROVED CONCRETE PIPE (NOT) OR
COMPOSITE PLASTIC PIPE (COP) AS SHOWN
ALL WATER LINES ARE 8" OR 6" P.V.C. (DOW CLASS 300) AS SHOWN
ALL "AS-BUILT" MEASUREMENTS ARE CORRECT AND FIELD VERIFIED BY
THE CONTRACTOR TO THE BEST OF HIS KNOWLEDGE
WITHOUT FURTHER AUTHORIZATION

MANHOLE DEPTH MANHOLES

MANHOLE	DEPTH	INVERT ELEVATION
1	4.00	100.00
2	4.00	100.00
3	4.00	100.00
4	4.00	100.00
5	4.00	100.00
6	4.00	100.00
7	4.00	100.00
8	4.00	100.00
9	4.00	100.00
10	4.00	100.00
11	4.00	100.00
12	4.00	100.00
13	4.00	100.00
14	4.00	100.00
15	4.00	100.00
16	4.00	100.00
17	4.00	100.00
18	4.00	100.00
19	4.00	100.00
20	4.00	100.00
21	4.00	100.00
22	4.00	100.00
23	4.00	100.00
24	4.00	100.00
25	4.00	100.00
26	4.00	100.00
27	4.00	100.00
28	4.00	100.00
29	4.00	100.00
30	4.00	100.00
31	4.00	100.00
32	4.00	100.00
33	4.00	100.00
34	4.00	100.00
35	4.00	100.00
36	4.00	100.00
37	4.00	100.00
38	4.00	100.00
39	4.00	100.00
40	4.00	100.00
41	4.00	100.00
42	4.00	100.00
43	4.00	100.00
44	4.00	100.00
45	4.00	100.00
46	4.00	100.00
47	4.00	100.00
48	4.00	100.00
49	4.00	100.00
50	4.00	100.00
51	4.00	100.00
52	4.00	100.00
53	4.00	100.00
54	4.00	100.00
55	4.00	100.00
56	4.00	100.00
57	4.00	100.00
58	4.00	100.00
59	4.00	100.00
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66	4.00	100.00
67	4.00	100.00
68	4.00	100.00
69	4.00	100.00
70	4.00	100.00
71	4.00	100.00
72	4.00	100.00
73	4.00	100.00
74	4.00	100.00
75	4.00	100.00
76	4.00	100.00
77	4.00	100.00
78	4.00	100.00
79	4.00	100.00
80	4.00	100.00
81	4.00	100.00
82	4.00	100.00
83	4.00	100.00
84	4.00	100.00
85	4.00	100.00
86	4.00	100.00
87	4.00	100.00
88	4.00	100.00
89	4.00	100.00
90	4.00	100.00
91	4.00	100.00
92	4.00	100.00
93	4.00	100.00
94	4.00	100.00
95	4.00	100.00
96	4.00	100.00
97	4.00	100.00
98	4.00	100.00
99	4.00	100.00
100	4.00	100.00

SEWER SEWER STRUCTURES

STRUCTURE	DEPTH	INVERT ELEVATION
1	4.00	100.00
2	4.00	100.00
3	4.00	100.00
4	4.00	100.00
5	4.00	100.00
6	4.00	100.00
7	4.00	100.00
8	4.00	100.00
9	4.00	100.00
10	4.00	100.00
11	4.00	100.00
12	4.00	100.00
13	4.00	100.00
14	4.00	100.00
15	4.00	100.00
16	4.00	100.00
17	4.00	100.00
18	4.00	100.00
19	4.00	100.00
20	4.00	100.00
21	4.00	100.00
22	4.00	100.00
23	4.00	100.00
24	4.00	100.00
25	4.00	100.00
26	4.00	100.00
27	4.00	100.00
28	4.00	100.00
29	4.00	100.00
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36	4.00	100.00
37	4.00	100.00
38	4.00	100.00
39	4.00	100.00
40	4.00	100.00
41	4.00	100.00
42	4.00	100.00
43	4.00	100.00
44	4.00	100.00
45	4.00	100.00
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47	4.00	100.00
48	4.00	100.00
49	4.00	100.00
50	4.00	100.00
51	4.00	100.00
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69	4.00	100.00
70	4.00	100.00
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72	4.00	100.00
73	4.00	100.00
74	4.00	100.00
75	4.00	100.00
76	4.00	100.00
77	4.00	100.00
78	4.00	100.00
79	4.00	100.00
80	4.00	100.00
81	4.00	100.00
82	4.00	100.00
83	4.00	100.00
84	4.00	100.00
85	4.00	100.00
86	4.00	100.00
87	4.00	100.00
88	4.00	100.00
89	4.00	100.00
90	4.00	100.00
91	4.00	100.00
92	4.00	100.00
93	4.00	100.00
94	4.00	100.00
95	4.00	100.00
96	4.00	100.00
97	4.00	100.00
98	4.00	100.00
99	4.00	100.00
100	4.00	100.00