

**STANDARD FORM OF AGREEMENT
BETWEEN
OWNER AND ENGINEER
FOR PROFESSIONAL SERVICES**

THIS IS AN AGREEMENT made as of March 24, 2003, between Nassau County Board of County Commissioners, Post Office Box 1010, Fernandina Beach, Florida 32035, ("Owner"), and The R-A-M Professional Group, Inc., 8298 Bayberry Road, Suite 1, Jacksonville, Florida 32256, ("Engineer").

Owner intends to enter into a contract with Engineer, as an independent contractor, for professional engineering, planning and environmental services with respect to transportation and highway design for roadway improvements to the following Nassau County roadway: Old Dixie Highway Improvements (the "Project"). Engineer is to observe and verify existing conditions at the Project Site to prepare plans for improvements to the facility.

Owner and Engineer in consideration of their mutual covenants hereinafter set forth and in subsequently issued Supplement Agreements agree in respect to the performance of professional engineering services by Engineer and the payment of those services by Owner as set forth below.

1. BASIC SERVICES OF ENGINEER.

1.1 General.

Engineer shall provide for Owner or its designee professional engineering services in all phases of the Project to which this Agreement applies as hereinafter provided, including professional engineering consultation and advice and furnishing customary civil engineering services incidental thereto.

1.2 Preliminary Design Phase.

After written authorization to proceed with the Preliminary Design Phase, Engineer shall:

- 1.2.1 Prepare Preliminary Design documents consisting of final design criteria, preliminary drawings and outline specifications of the Project.
- 1.2.2 Based on the information contained in the preliminary design documents, submit a preliminary opinion of probable Project Construction Costs.

1.2.3 Furnish five (5) copies of the above Preliminary Design documents and present and review them in person with Owner or its designee.

1.3 Final Design Phase.

After written authorization to proceed with the Final Design Phase, Engineer shall:

1.3.1 On the basis of the accepted Preliminary Design documents and the preliminary opinion of probable Project Construction Costs, prepare for incorporation into the Contract Documents, final drawings to show the general scope, extent and character of the work to be furnished and performed by Contractor(s) (hereinafter called "Drawings") and Specifications.

1.3.2 Provide technical criteria, written descriptions and design and data for use in filing applications for permits with or obtaining approvals of such governmental authorities as have jurisdiction to approve the design of the Project.

1.3.3 Advise Owner or its designee of any adjustments to the latest opinion of probable Project Construction Costs caused by changes in general scope, extent or character or design requirements of the Project or Construction Costs. Furnish to Owner or its designee a revised opinion of probable Project Construction Costs based on the Drawings and Specifications.

1.3.4 Prepare for review and approval by Owner or its designee, its legal counsel and other advisors, construction contract agreement forms, general conditions and supplementary conditions, and (where appropriate) bid forms, invitations to bid and instructions to bidders and assist in the preparation of other related documents.

1.3.5 Furnish five (5) copies plus one (1) copy in electronic format of the above documents and of the Drawings and Specifications and present and review them in person with Owner or its designee. Drawings shall be in Auto Cadd 2000 and state plain coordinator NAD 83.

1.4 Bidding Phase.

After written authorization to proceed with the Bidding Phase, Engineer shall:

1.4.1 Attend pre-bid conference.

1.4.2 Issue addenda as appropriate to interpret, clarify or expand the Bidding Documents.

1.4.3 Tabulate bids, evaluate bid for completeness and conformance with bidding requirements and recommend the award of construction contract.

2. POST DESIGN SERVICES.

The following Post Design Services are to supplement the original agreement for Professional Services with a Supplemental Agreement to be negotiated separately at the option of the County:

a. Attend monthly on-site meetings with County and Contractor for interpretation of design and specifications.

b. Although the County will be providing the daily CEI inspections, the Engineer shall perform various site visits and report to the County any work failing to conform to the Contract Documents or which in any way appears to be deficient, defective, or otherwise not in accordance with good engineering or construction practices. These are to be done at the time of the monthly meetings.

c. Respond to Request for Information from the Contractor or Owner.

d. At the Owner's request, review shop drawings, diagrams, illustrations, brochures, catalog data, schedules and samples, the result of tests and inspections, any other data which the Contractor is required to submit for the purpose of verifying acceptability in conformance with the requirements and information given in the Contract Documents, and assemble maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection as required in construction contracts related to the project.

e. At the Owner's request, review, comment on and/or approve change orders to the Contractor.

f. Receive review and approve record drawings prepared by the Contractor for compliance with the requirements of the Contract Documents.

3. ADDITIONAL SERVICES OF ENGINEER.

- 3.1 Services resulting from changes in the general scope, extent or character of the Project or its design including, but not limited to, changes in size, complexity, Owner's schedule, character of construction or method of financing; and revising previously accepted studies, reports, design documents or Contract Documents when such revisions are required by changes in laws, rules, regulations, ordinances, codes or orders enacted subsequent to the preparation of such studies, reports or documents, or are due to any other causes beyond Engineer's control.
- 3.2 Upon acceptance of the final Contract Document(s) for the Project(s) the Owner or its designee and Engineer may define services as necessary to administer the construction contract(s).
- 3.3 All modifications or additions to the scope of services ("Basic Services") provided by the Engineer will require the prior written approval of the Owner or its designee. Additional services, fee and/or schedule modifications, if approved, will be added by a Supplemental Agreement to this Agreement.

4. **SCHEDULE.**

Engineer shall insure to the best of its ability that the Services, required of the Engineer hereunder, shall be accomplished within the schedule, attached hereto as Exhibit "A" (hereinafter, the "Schedule"). If the engineer fails to perform within the Schedule and the failure to perform is determined by mediation in accordance with the provisions of Section 10.2 to be attributable to the Engineer, Owner may reduce the basic compensation in an amount to be determined by the Mediator.

5. **OWNER OR ITS DESIGNEE'S RESPONSIBILITIES.**

Owner or its Designee shall accomplish the following in a timely manner so as not to delay the services of Engineer:

- 5.1 Owner designates the Engineering Services Director or his designee as Owner's authorized representative (hereinafter "Owner's Designee") (hereinafter collectively, referred to as "Owner") with respect to the services to be rendered under this Agreement. Such person(s) shall have complete authority to transmit instructions, receive information, interpret and define

Owner's policies and decisions with respect to Engineer's services for the Project.

- 5.2 Provide all criteria and full information as to Owner's requirements for the Project, including design objectives and constraints, capacity and performance requirements, flexibility and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which Owner or its designee will require to be included in the Drawings and Specifications.
- 5.3 Assist Engineer by placing at Engineer's disposal all available information pertinent to the Project including previous reports and any other data relative to design or construction of the Project.
- 5.4 Arrange for access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under this Agreement.
- 5.5 Examine all studies, reports, sketches, Drawings, Specifications, proposals and other documents presented by Engineer, obtain advice of any attorney, and other consultants as owner or its designee deems appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of Engineer.
- 5.6 Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
- 5.7 Furnish to Engineer data or estimated figures as to Owner or its designee's anticipated costs for services to be provided by others for Owner or its designee so that Engineer may make the necessary findings to support opinions of probable Project Construction Costs.
- 5.8 Attend the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings and substantial completion inspections and final payment inspections.
- 5.9 Give prompt written notice to Engineer whenever Owner or its designee observes or otherwise becomes aware of any development that affects the scope or timing of Engineer's services, or any defect or non-conformance in Engineer's services.

5.10 Direct Engineer to provide, as required by Owner, Additional Services, as required.

5.11 Bear all costs incident to compliance with requirements of this Section 5.

6. PERIODS OF SERVICE.

6.1 The provisions of this Section 6 and the rate of compensation for Engineer's services provided for elsewhere in this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion. Engineer's obligation to render Basic Services hereunder will extend for a period of ten (10) months from the date of receipt by Engineer of the written Notice to Proceed. Exhibit "A" Entitled "Project Schedule", attached hereto and made a part hereof, sets forth the specific periods of time for rendering the services.

6.2 Upon written authorization from Owner or its designee, Engineer shall proceed with the performance of the services called for herein.

6.3 If Owner or its designee has requested significant modifications or changes in the general scope, extent or character of the Project, the time of performance of Engineer's services shall be adjusted equitably to be agreed upon by Owner or its designee and Engineer.

7. PAYMENTS TO ENGINEER.

7.1 Methods of Payment for Services and Expenses of Engineer.

7.1.1 For Basic Services. Owner shall pay Engineer for Basic Services rendered a fee of \$609,116.95 for all Basic Services and optional services as set forth in Exhibit A. Said fee shall be broken down by task and paid pursuant to satisfactory task completions. The fee proposal for each task is attached hereto as Exhibit B. All requests for payment shall be sent to the Clerk of Courts at Post Office Box 4000, Fernandina Beach, Florida 32035.

7.1.2 For Additional Services. Owner shall pay Engineer for Additional Services as required by Owner, rendered herein, Additional Services Provided by Engineer shall have the prior written approval of owner or its designee.

7.2 Payments.

7.2.1 Owner shall make payments due and approved for Engineer for services and expenses within forty five (45) days after receipt of Engineer's statement therefor.

7.2.2 In the event of termination by Owner or its designee under Paragraph 10.1, Engineer shall be compensated pursuant to a mutually agreed upon percentage of completion of the project.

8. CONSTRUCTION COST AND OPINIONS OF COST.

8.1 Construction Cost.

The construction cost of the entire project (herein referred to as "Construction Cost") means the cost to Owner or its designee of those portions of the entire Project designed and specified by Engineer, but it will not include Engineer's compensation and expenses, the cost of land, rights-of-way, or compensation for or damages to, properties unless this Agreement so specifies, nor will it include Owner's legal, accounting, insurance counseling or auditing services, or interest and financing charges incurred in connection with the Project or the cost of other services to be provided by others to Owner or its designee pursuant to Paragraph 5.7.

8.2 Opinions of Cost.

Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor(s)' methods of determining prices, or over competitive bidding or market conditions, Engineer's opinions of probable Project Construction Costs and Construction Cost provided for herein are to be made on the basis of Engineer's experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional Engineer, familiar with the construction industry; but Engineer cannot and does not guarantee that proposals, bids or actual Project or Construction Costs will not vary from opinions of probable cost prepared by Engineer. If, prior to the Bidding Phase, the Owner or its designee wishes greater assurance as to Project or construction Costs, Owner or its designee shall employ an independent cost estimator.

9. TERMINATION OR SUSPENSION.

9.1 Engineer shall be considered in material default of this Agreement and such default will be considered cause for

9.5 The Owner shall have the power to suspend all or any portions of the services to be provided by Engineer hereunder upon giving Engineer two (2) calendar days' prior written notice of such suspension. If all or any

9.4 Upon termination, the Engineer shall deliver to Owner all original papers, records, documents, drawings, calculations, models, and other materials in Engineer's possession or control arising out of or relating to this Agreement.

9.3 Owner shall have the right to terminate this Agreement, in whole or in part, without cause upon seven (7) calendar days' written notice to Engineer. In the event of such termination of convenience, Engineer's recovery against Owner shall be limited to that portion of the Engineer's compensation earned through the date of termination, together with any retainer held and any costs reasonably incurred by Engineer that are directly attributable to the termination, but Engineer shall not be entitled to any other or further recovery against Owner, including, but not limited to, anticipated fees or profit on work not required to be performed.

9.2 If, after notice of termination of this Agreement as provided for in Paragraph 9.1 above, it is determined for any reason that Engineer was not in default, or that its default was excusable, or that Owner otherwise was not entitled to the remedy against Engineer provided for in Paragraph 9.1, then the Notice of Termination given pursuant to Paragraph 9.1 shall be deemed to be the Notice of Termination provided for in Paragraph 9.3 below and Engineer's remedies against Owner shall be the same as and limited to those afforded Engineer in Paragraph 9.3 below.

Owner to terminate this Agreement, in whole or in part, as further set forth in this Section, for any of the following reasons: (a) failure to begin work under the Agreement within the times specified under the Notice to Proceed, or (b) failure to properly and timely perform the services to be provided hereunder or as directed by Owner, or (c) the bankruptcy or insolvency or a general assignment for the benefit of creditors by Engineer or by any of Engineer's principals, partners, officers, or directors, or (d) failure to obey laws, ordinances, regulations, or other codes of conduct, or (e) failure to perform or abide by the terms or spirit of this Agreement, or (f) for any other just cause. The Owner may so terminate this Agreement, in whole or in part, by giving the Engineer seven (7) calendar days' written notice.

portion of the services to be rendered hereunder are so suspended, the Engineer's sole and exclusive remedy shall be to seek an extension of time to its schedule.

9.6 Force Majeure.

Should services be delayed at any time during period of this Agreement due to changes ordered in the services by Owner or its designee, by labor disputes, fire, unusual delay in deliveries, abnormal adverse weather conditions not reasonably anticipatable, unavoidable casualties or any causes beyond the Engineer's control, or by other causes which the Owner or its designee determines may justify the delay, then an extension for performance of this Agreement may be granted to Engineer by Owner or its designee.

9.7 Reuse of Documents.

All documents including Drawings and Specifications prepared or furnished by Engineer (and Engineers' independent professional associates and consultants) pursuant to this Agreement are instruments of service in respect of the Project and Engineer shall retain an ownership and property interest therein whether or not the Project is completed. Owner or its designee may make and retain copies for information and reference in connection with the use and occupancy of the Project by Owner or its designee and others; however, such documents are not intended or represented to be suitable for reuse by Owner or its designee or others on extensions of the Project or on any other project. Any reuse without written verification or adaptation by Engineer for the specific purpose intended will be at Owner's sole risk and without liability or legal exposure to Engineer, or to Engineer's independent professional associates or consultants, and Owner shall indemnify and hold harmless Engineer and Engineer's independent professional associates and consultants from all claims, damages, losses, and expenses including attorney's' fees arising out of or resulting therefrom.

9.8 Insurance.

Engineer shall maintain, to the extent reasonably available, the following insurance coverages during the performance of its Services under this Agreement:

Workers Compensation & Employers' Liability	Statutory
General Liability Bodily Injury/Property Damage Combined (including contractual)	\$1,000,000/\$1,000,000

Automobile Liability Bodily Injury/ Property Damage Combined	\$1,00,000/\$1,000,000
Professional Liability including errors and omissions)	\$1,000,000/\$1,000,000

All insurance policies required by this Agreement shall include the following provisions and conditions by endorsement to the policies:

9.8.1 The term "The Board of County Commissioners for Nassau County, Florida", shall include Nassau County, Florida, a political subdivision of the State of Florida, and all authorities, Board, Bureaus, Commissioners, Divisions, Departments and Offices thereof, and all individual members and employees thereof in their official capacity, and/or while acting on behalf of either Nassau County, Florida, or the Board of County Commissioners of Nassau County, Florida.

9.8.2 All insurance policies, other than the Professional Liability policy and the workers' Compensation policy, provided by Engineer to meet the requirements of this Agreement shall name the Board of County Commissioners of Nassau County, Florida, as that name is defined in 9.8.1 above, as an additional insured as to the operations of the Engineer under the Contract Documents and shall contain a severability of interests provisions.

9.9 Controlling Law.

9.9.1 This agreement, the rights and obligations of the parties hereto, and any claims or disputes relating thereto shall be governed, interpreted, construed and enforced, pursuant to the laws of the State of Florida, and ordinances or regulations of the County of Nassau. Venue for any litigation arising from this Agreement shall be in Nassau County, Florida.

9.9.2 Owner and Engineer hereby knowingly, voluntarily and intentionally waive the right any of them have to a trial by jury with respect to any litigation based hereon, or arising out of, under or in connection with this Agreement and any agreement contemplated to be executed in conjunction herewith, or any course of conduct, course of dealing, statements (whether verbal or written) or actions of either party.

9.10 Subletting, Assignment and Transfer.

Owner and Engineer each binds himself, his partners, successors, assigns and legal representatives to the

other party to this Agreement and to the partners, successors, assignees and legal representatives of such other party with respect to all covenants of this Agreement. Neither the Owner nor the Engineer shall assign, sublet, or transfer its interest in this Agreement without the written consent of the other.

10. SPECIAL PROVISIONS AND EXHIBITS.

10.1 Indemnification.

10.1.1 Owner agrees that Engineer is not responsible for the Project Site (including the handling, clean-up or disposal of hazardous substances from the Project Site) and Owner agrees to indemnify and hold Engineer harmless from any and all liability, claims, damages or other expenses arising out of, resulting from, or otherwise connected with hazardous substances from the Project Site, except for Engineer's willful misconduct or gross negligence.

10.1.2 The Engineer shall indemnify and hold harmless the Owner, and its officers and employees, from liabilities, damages, losses, and costs including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Engineer and persons employed by or utilized by the Engineer in the performance of this Agreement.

10.1.3 The remedy provided to an indemnitee by Paragraph 9.1.2 shall be in addition to and not in lieu of any other remedy available under this Agreement or otherwise.

10.1.4 The remedy provided to an indemnitee by this Agreement shall survive this Agreement and shall not be limited in any manner by acceptance, final completion, or final payment.

10.1.5 A claim for indemnity pursuant to this Agreement shall be commenced within the period established under Florida law for commencement of an action founded on the design, planning, or construction of an improvement to real property.

10.1.6 The provisions of Section 10.1 are severable and if, for any reason, any one or more of the provisions contained in the Section shall be held by a court of competent jurisdiction to be invalid, illegal, against public policy, or unenforceable in any respect, the invalidity, illegality, being against public policy, or

unenforceability shall not affect any other provision of this Section which shall remain in effect and be construed as if the invalid, illegal, against public policy, or unenforceable provision had never been contained in the Section.

10.2 Dispute Resolution.

Any dispute arising under this Agreement, which is not disposed of by agreement, shall be decided by a mediator, who shall reduce his/her decision to writing and furnish a copy to both parties. Claims disputes, or other matters in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be submitted to mediation in accordance with mediation rules as established by the Florida Supreme Court. Mediators shall be chosen from the Supreme Court approved list of mediators in the Fourth Judicial Circuit and the cost of mediation shall be borne by the Engineer. The decision of the mediator shall be final and conclusive unless determined by a court of competent jurisdiction to be fraudulent, capricious, arbitrary, or so grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence. Contractor shall not stop work during the pendency of mediation.

10.3 Partial Invalidity.

If any provision of this Agreement or any application thereof to any person or circumstance shall, to any extent, be invalid, the remainder of this Agreement or the application of such provision to persons or circumstances other than those as to which it is held invalid shall not be affected thereby and each provision of the Agreement shall be valid and enforced to the fullest extent permitted by law.

10.4 Notices.

Any notice, demand, request or other instrument which may be or required to be given under this Agreement shall be delivered in person, sent federal express, or sent by a reputable overnight courier service and shall be addressed to either party at the address as hereinbelow given with copies to the Clerk of Courts. Any notice shall be deemed delivered upon hand delivery or federal expressed or one (1) day after depositing such notice with reputable overnight courier services. Either party may designate in writing such other address as shall be given by written notice.

If to Owner:

J. M. "Chip" Oxley, Jr.
Clerk of Courts
191 Nassau Place
Yulee, FL 32097

and

Jose Deliz
Engineering Services Director
213 Nassau Place
Yulee, FL 32097

If to Engineer:

Wayne Reed, President
The R-A-M Professional Group, Inc.
8298 Bayberry Road, Suite 1
Jacksonville, FL 32256

REQUESTS FOR PAYMENT SHALL BE SENT TO:

J. M. "Chip" Oxley, Jr.
Clerk of Courts
Post Office Box 4000
Fernandina Beach, FL 32035-4000

10.5 No Partnerships.

Nothing contained in this Agreement shall, or shall be deemed or construed so as to create the relationship of employer-employee, principal-agent, joint venturers, co-adventurers, or partners between Owner and Engineer and they are and shall remain independent contractors one as to the other.

10.6 Counterparts.

This Agreement may be executed in two or more counterparts, each of which may be executed by one or more of the Parties hereto, but all of which, when delivered and taken together, shall constitute but one (1) Agreement binding upon all of the parties hereto.

10.7 Securing Agreement.

10.7.1 Engineer warrants that Engineer has not employed or retained any company or person, other than a bona fide employee working solely for Engineer, to solicit or secure this Agreement, and that Engineer has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for Engineer, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the ward or making of this Agreement.

10.8 Entire Agreement.

This Agreement together with the exhibits identified above constitute the entire Agreement (consisting of pages 1 through 14, inclusive) between Owner and Engineer and supersede all prior written or oral understandings. This Agreement and said exhibits may only be amended, supplemented, modified or canceled by a duly executed written instrument.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

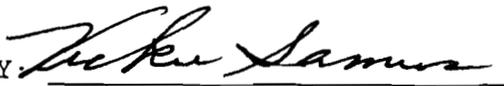
OWNER:

BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA

ENGINEER:

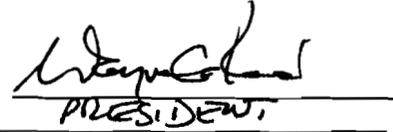
THE R-A-M PROFESSIONAL
GROUP, INC.

BY:



VICKIE SAMUS
Its: Chairman

BY:

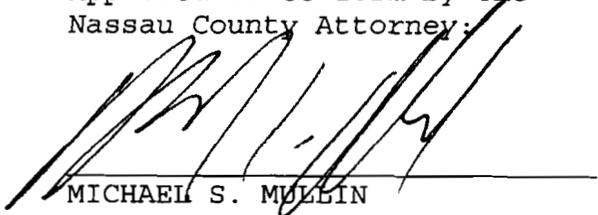

PRESIDENT

ATTEST:



J. M. "CHIP" OXLEY, JR.
Its: Ex-Officio Clerk

Approved as to form by the
Nassau County Attorney:


MICHAEL S. MULLIN

NOTICE TO PROCEED

To: R-A-M Professional Group, Inc.
8298 Bayberry Road
Jacksonville, FL 32256

Date: March 24, 2003
Project:

Old Dixie Highway
Improvements
Nassau County, FL

You are hereby notified to commence work in accordance with the Agreement for the project referenced above dated March 24, 2003, approved by the Board of County Commissioners of Nassau County, Florida in Regular Session of March 24, 2003. You are to complete the project in accordance with the Project Schedule. The cost shall not exceed \$609,116.95 for basic services and optional services as set forth in Exhibit A of the Agreement. Said fee shall be broken down by task and paid pursuant to satisfactory task completions.

NASSAU COUNTY, FLORIDA



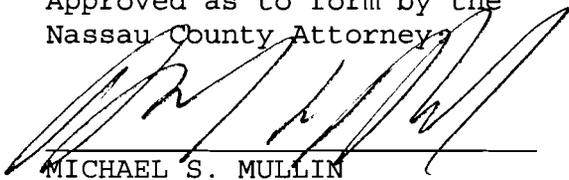
VICKIE SAMUS
Its: Chairman

ATTEST:



J. M. "CHIP" OXLEY, JR.
Its: Ex-Officio Clerk

Approved as to form by the
Nassau County Attorneys


MICHAEL S. MULLIN

Receipt of the above Notice to Proceed is hereby acknowledged:

By: The R-A-M Professional Group, Inc. this the 26th day of
March, 2003.

By: Wayne C. [Signature]

Title: PRESIDENT

Old Dixie Highway CR115 - FINAL DESIGN (Two Bid Packages)
REVISION #1

ACTIVITY	SUMMARY FEE SHEET - DESIGN												TOTAL	Total Activity	Manhours by Activity	Avg Hourly Rate				
	PROJECT MANAGER		CHIEF ENGINEER		SENIOR DESIGNER		CHIEF DRAFTSMAN		SENIOR QA/QC ENGINEER		CLERICAL						Man-Hours	Fee	Activity	Rate
	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate								
A. ROADWAY PLANS PACKAGE																				
1. Design Analysis	30	\$40.00	60	\$35.00	72	\$25.00	123	\$20.11	11	\$49.21	3	\$14.50	299	\$8,158.34	299	\$27.29				
2. Drainage Analysis (No BHR)	50	\$40.00	100	\$35.00	124	\$25.00	199	\$20.11	20	\$49.21	5	\$14.50	498	\$13,658.59	498	\$27.43				
3. Roadway Plans	196	\$40.00	392	\$35.00	490	\$25.00	784	\$20.11	80	\$49.21	20	\$14.50	1,962	\$53,803.04	1,962	\$27.42				
5. Drainage Plans	55	\$40.00	110	\$35.00	138	\$25.00	220	\$20.11	22	\$49.21	6	\$14.50	551	\$15,093.82	551	\$27.39				
6. Traffic Control Plan	35	\$40.00	69	\$35.00	86	\$25.00	138	\$20.11	14	\$49.21	4	\$14.50	356	\$9,487.12	356	\$26.65				
7. Utilities/Railroads	29	\$40.00	58	\$35.00	68	\$25.00	124	\$20.11	16	\$49.21	3	\$14.50	298	\$8,214.50	298	\$27.57				
8. Environmental Services/Permits	19	\$40.00	38	\$35.00	48	\$25.00	77	\$20.11	7	\$49.21	2	\$14.50	191	\$5,211.94	191	\$27.29				
B. SIGNING AND PAVEMENT MARKINGS	21	\$40.00	42	\$35.00	52	\$25.00	83	\$20.11	8	\$49.21	2	\$14.50	208	\$5,701.81	208	\$27.41				
C. SIGNALIZATION	5	\$40.00	10	\$35.00	12	\$25.00	18	\$20.11	2	\$49.21	1	\$14.50	48	\$1,324.90	48	\$27.60				
D. DESIGN/ROW SURVEYS	2	\$40.00	4	\$35.00	6	\$25.00	11	\$20.11	1	\$49.21	0	\$14.50	24	\$640.42	24	\$26.68				
E. RIGHT-OF-WAY-MAPS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!				
F. PUBLIC INVOLVEMENT	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!				
Totals	M/H		M/H		M/H		M/H		M/H		M/H		M/H							
	442		883		1096		1777		181		46		4,435	\$121,294.48	4,435	\$27.35				

State Project No. N/A
W.P.I. No. N/A
F.A.P. No. N/A
Road Name (Limits) Old Dixie Highway CR 115 (US1 to Dyal Road)
Consultant Name The R-A-M Professional Group, Inc.
Date February 26, 2003

BASIC SERVICES FEE COMPUTATIONS

Basic Activities Maximum Limiting Fees (Salary Costs)	\$121,294.48
Cost Elements and Additives	
a) 108.50% For Overhead (General)	\$131,604.51
b) 38.50% For Overhead (Fringe)	\$46,698.37
SUBTOTAL (Cost Elements applicable to Basic Activity Fee)	\$299,597.37
c) 10.00% For Operating Margin	\$29,959.74
SUBTOTAL	\$329,557.10
d) Direct Reimbursables (Out of Pocket/Lump Sum)	\$3,070.75
e) FCCM _____ of Salary Costs	\$0.00
f) Wetlands	\$14,500.00 Hakala
g) Field Survey	\$57,960.00 Clary
h) Survey Office Hours	\$21,250.00 Clary
i) Geotechnical	\$27,635.00 Ellis
j) Traffic Analysis & Report	\$9,000.00 King Robinsion
k) Structures - Culvert Insp & Extensions	\$13,000.00 Jenkins & Charland
l) Hydraulics Report -Two locations	\$31,868.29 R-A-M
m) Public Involvement	\$11,309.03 R-A-M
TOTAL BASIC SERVICES FEE	\$519,150.17

OPTIONAL SERVICES FEE COMPUTATIONS

o) Phase 1 ESA	\$3,800.00 Ellis
p) ROW Survey & Maps (incl 5 parcels)	\$78,800.00 Clary
q) ROW Coordination & Review	\$2,366.78 R-A-M
r) Utility Locations (Assume 20)	\$5,000.00 Clary
s) Post Design (Limiting Amount)	\$0.00
t)	\$0.00
TOTAL OPTIONAL SERVICES FEE	\$89,966.78

Old Dixie Highway Improvements
Nassau County Public Works Department

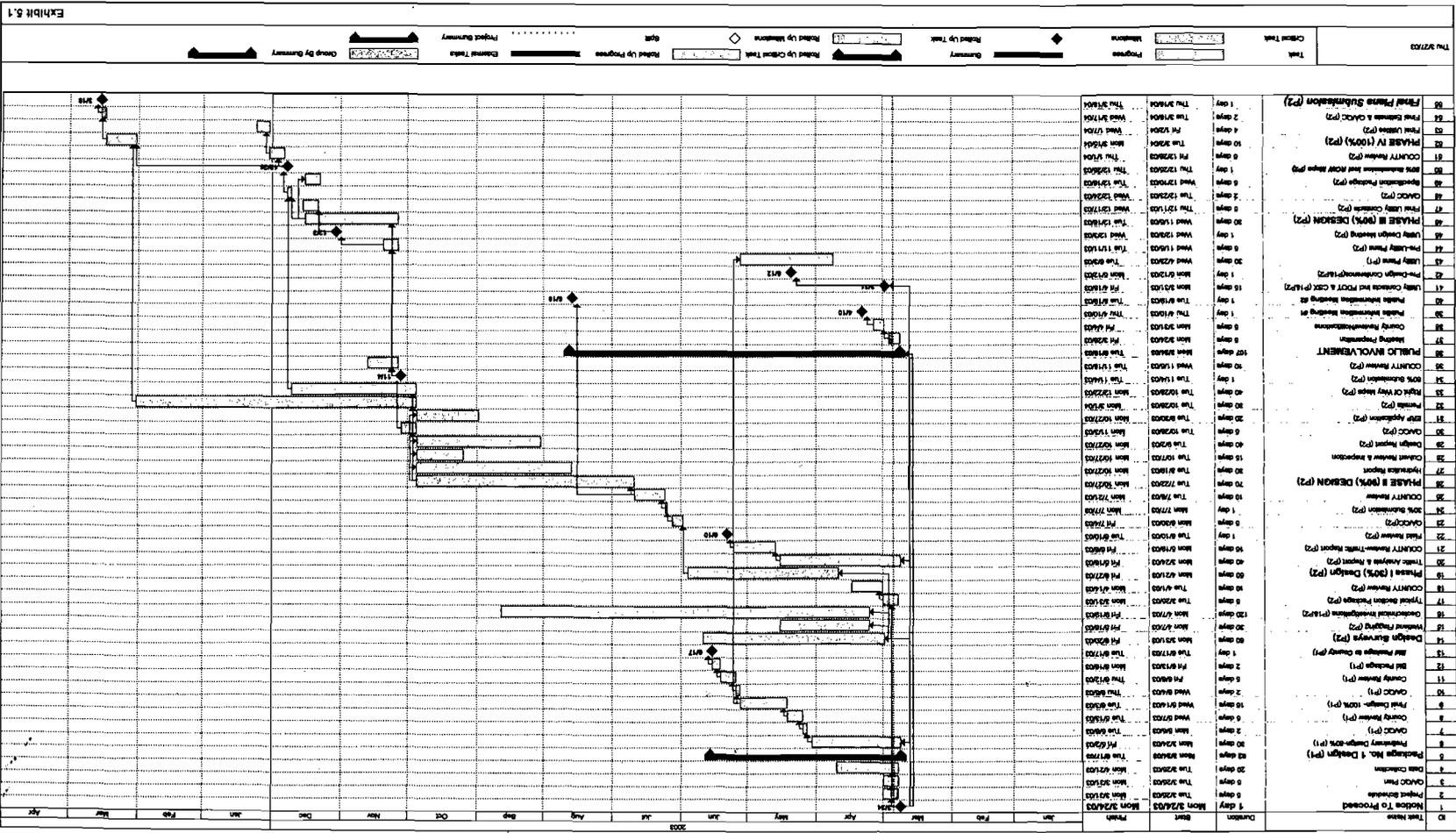


EXHIBIT 5.1

MEMORANDUM

To: Mr. Walt Gossett
From: Wayne C. Reed, President *WR*
Date: March 24, 2003
Subject: CR 115, Old Dixie Highway Improvements
Re: Second Revised Scope of Services – Attachment 2
And Preliminary Fee Estimate

Accompanying this memorandum please find our revised Scope of Services – Attachment 2 and revised Fee Estimate on the above-referenced project (including Subconsultant proposals). As per comments provided by the County during our meeting of earlier today, **R-A-M** has revised the Public Involvement Task to reflect elimination of the PowerPoint presentation and meeting coordination. Coordination with the School Board, CSX, and FDOT is to be completed within the basic services package. Also, it is understood that the County will prepare the mailing list for both public presentations. Based on the above, our revised fee estimate is as follows:

Basic Services Fee:

The R-A-M Professional Group, Inc.

- Package No. 1 & 2- Lump Sum \$332,627.85
- Bridge Hydraulic Reports (Two Locations) - Budget \$ 31,868.29
- Public Involvement \$ 11,309.03

Clary & Associates, Inc.

- Design Surveys – Lump Sum \$ 79,210.00
(Including Misc. Survey to supplement original survey, office support)

King + Robinson

- Traffic Analysis & Report – Lump Sum \$ 9,000.00
(Including attendance at two (2) Public Meetings)

Ellis & Associates, Inc.

- Geotechnical Services – Lump Sum \$ 27,635.00
Package No. 1 & 2
(Including additional muck borings, stormwater borings with one double-ring infiltrometer and existing pavement condition survey; increase boring interval to 300 feet)

APPROVED

DATE 3-24-03 *JMB*

THE R-A-M PROFESSIONAL GROUP, INC.
8298 Bayberry Road, Suite 1
Jacksonville, Florida 32256
904-731-5440 – (Fax) 904-731-5465

\$20,000 on page 2 not approved.

Hakala & Associates, Inc.

- Wetland Flagging and Permit Assistance – Lump Sum
Package No. 1 & 2 \$ 14,500.00

Jenkins & Charland

- Structural Services \$ 13,000.00
(Culvert Inspection & Extension)

Total Basic Fee: **\$ 519,150.17**

Optional Services Fee:

Clary & Associates, Inc.

- Right-of-Way Control Survey – Lump Sum \$ 77,550.00
- Right-of-Way Sketches & Legal - Budget \$ 1,250.00
(Assumed legal descriptions for 5 parcels)
- Utility Designate & Locates - Budget \$ 5,000.00
(Assumed 20 test holes)

Ellis & Associates, Inc.

- Ph. 1 Environmental Site Assessment – Lump Sum \$ 3,800.00
(ASTM E-1527)

The R-A-M Professional Group, Inc.

- Right-of-Way Coordination & Review – Lump Sum \$ 2,366.78
- Post Design Services - Budget \$ ~~20,000.00~~

Also, for clarification, be aware that our assumption is that one (1) stormwater retention pond will be required in the urban portion of the project, but side swales will be acceptable in the rural portion of the project for stormwater quality.

We trust this information is responsive to the requested direction provided by you; Messers. Oxley, Ferrin, Deliz, and Mullin; and Mrs. Stevenson earlier today such that we can expeditiously proceed on this project. Should you have any further questions or comments, please feel free to call either William Scott, P.E. or me at (904) 731-5440. Again, thank you for choosing **R-A-M** for this important project.

WCR:WGS:lmj

THE R-A-M PROFESSIONAL GROUP, INC.
8298 Bayberry Road, Suite 1
Jacksonville, Florida 32256
904-731-5440 – (Fax) 904-731-5465

ATTACHMENT 2

SCOPE OF SERVICES

CR 115 - OLD DIXIE HIGHWAY IMPROVEMENTS

1.1 PROJECT DESCRIPTION

This project includes the design and preparation of two (2) sets of construction bid documents in general accordance with Nassau County (COUNTY) and FDOT 3R (ADA Compliance) standards for the proposed improvements to CR 115 - Old Dixie Highway. The limits of the proposed reconstruction are from US 1 to Dyal Road in Nassau County, a distance of approximately 4.5 miles (including the culvert extensions of two crossing locations, Structure No. 740073 and Structure No. 740046).

1.2 SCOPE

- 1.2.1 General - The general objective is for the CONSULTANT to prepare a set of plans to be used by a COUNTY-selected FDOT-prequalified Contractor to build the project, and by the COUNTY to ensure the project is built as designed and specified. Elements of work shall include roadway alignment, intersections, surveys, drainage, culvert extensions, signing and pavement markings, utility adjustments, maintenance of traffic, cost estimating, permit applications, geotechnical investigations, and necessary incidental items for a complete project.
- 1.2.2 Specific Objectives - Construction plans shall accurately provide necessary information to widen, mill, and resurface CR 115 - Old Dixie Highway from US 1 to Dyal Road, and provide for culvert extensions at two crossings (Str. No. 740073 and Str. No. 740046) per standard requirements. Two (2) construction bid packages will be prepared; Package No. 1, Interim Improvements from CSX RR crossing to Sandra Lane and Package No. 2, Final Improvements from US 1 to Dyal Road.

The design elements shall include, but not be limited to, horizontal and vertical alignments, lane width, shoulders width, cross slopes, side slopes, and ditches locations. As a minimum, the CONSULTANT shall incorporate the following specific items into the design of this facility:

- The CONSULTANT shall be responsible for obtaining geotechnical investigations for proposed widening, culvert extensions and stormwater treatment facilities (including one (1) pond site) including existing pavement condition survey via its designated geotechnical subconsultant, Ellis & Associates, Inc.
- The CONSULTANT shall provide all necessary design surveys, rights-of-way control surveys (optional), right-of-way sketches (optional), and legal descriptions required (optional), for the project via its designated surveying subconsultant, Clary & Associates, Inc. The CONSULTANT shall review and utilize existing data if appropriate.
- The CONSULTANT shall provide a Traffic Analysis and Report with recommendation for improvements between US 1 and Sandra Lane via its designated subconsultant, King + Robinson.
- The CONSULTANT shall support the COUNTY in the Public Involvement tasks for this project (optional) including handouts, presentation graphics, and conducting two (2) Public Information meetings.
- The CONSULTANT shall design all roadway reconstruction operations to correct existing cross slopes to current standards. Care shall be taken to maintain or improve existing drainage patterns where possible.
- The CONSULTANT shall replace pavement markings, or add those required to meet FDOT standards (NOTE: Additionally, blue RPM's will be placed adjacent to and at the roadway centerlines of all fire hydrants).
- All existing manhole covers and drainage inlets shall be modified, as required, to match the proposed pavement surface.
- The CONSULTANT shall provide the latest approved end treatments and guardrail upgrades for all guardrail locations within the project limits.
- The CONSULTANT shall upgrade all signs and markings to current standards.

- The CONSULTANT shall repair or replace damaged storm sewer pipe.
- The CONSULTANT shall add Mitered End Sections to all side drain pipes, which are less than 30" in diameter, and headwalls for 30" and larger drain pipes.
- Cross-drains shall be extended, if needed, to meet FDOT's 3R clear zone requirements.
- The CONSULTANT shall add paved aprons to adjacent roads and driveways to reduce pavement edge cracking.
- The CONSULTANT through its environmental subconsultant, Hakala & Associates, Inc., shall provide wetland flagging and environmental permit assistance as it relates to wetlands impacted by the proposed improvements along CR 115, assuming Standard SJRWMD and Nationwide ACOE components of an ERP.
- The CONSULTANT through its bridge subconsultant, Jenkins & Charland, Inc., shall provide a culvert extension design for two (2) existing culverts (Str. No. 740073 and Str. No. 740046). The culvert extensions shall meet current FDOT standards for a rural undivided roadway.

1.2.3 Project Tasks

Task 1 – Project Kick-Off/Coordination

- Project Schedule – Within two (2) days of written receipt of the Notice to Proceed, a detailed project schedule with specific calendar dates will be forwarded to the COUNTY by the CONSULTANT. These dates will follow the schedule outlined in Exhibit "A" of this Scope of Service. Monthly Progress Reports will be included with each month's invoice.
- Public Involvement (Optional Service) – The CONSULTANT, if directed by the COUNTY, will support the COUNTY in a Public Involvement Program specifically for this project. These tasks shall include:
 - a. CONSULTANT shall conduct two (2) Public Meetings. The first meeting (14 calendar days following NTP), will be a Public Information/Project Kick-off meeting to discuss purpose of the project and solicit public comments. The second meeting (following the 30% Phase 2 design submittal) will present the recommended improvements and obtain any public comments.
 - b. Prepare handout graphics and displays for two Public Meetings noted above. COUNTY will handle advertisements and notification of meetings and prepare mailing list of affected property owners (within

300 feet of corridor) including School Board, Nassau County officials, as well as FDOT and CSX Transportation.

- c. Prepare meeting minutes of Public Meetings.

Task 2 - Data Collection/Design Analysis

- Utilities Location - Early in the process, the utility owners (i.e., natural gas, cable, and telephone) will be contacted to ensure that all existing utilities have been identified. Existing underground utilities will be designated during the Design Survey effort and utility location surveys shall be an optional task.
- Wetland Delineation - Wetlands flagging of the jurisdictional limits within the County's right-of-way will be included for the length of the project. Wetlands impacts will be quantified and documented as part of permit requirements. use. Wetland flagging will include flagging for a potential 2-acre stormwater treatment pond site. Any wetlands mitigation will be under a separate scope.
- Design Survey - The design survey will include the following:
 - a. Perform a design survey to 10 feet outside right-of-way (assuming 80-foot right-of-way)
 - b. Locate Buildings within 50 feet of existing right-of-way line
 - c. Set alignment
 - d. Set benchmarks
 - e. Complete design/Digital Terrain Modeling survey
 - f. Set references
 - g. Designate underground utilities as furnished by affected Utilities Companies
 - h. Locate underground utilities (assume 20 locates – optional service)
 - i. Perform a Right-of-Way control survey and maps to confirm CR 115 existing right-of-way through project (optional service).
 - j. Prepare sketches and legal descriptions for proposed right-of-way acquisition for a potential stormwater pond site and temporary construction easements for culvert extensions (two locations – optional service).

The survey digital file (2D and 3D) will be provided to the CONSULTANT in MicroStation (DGN file format). Once the project has been completed, the Electronic Database will be given to the COUNTY along with all certifications.

- Geotechnical Investigations and Reports – The services will include the following:
 - a. Geotechnical investigations (Roadway Augers – 6 ft. depth) for the proposed widening will be performed at 300-foot spacings (staggered locations) for the length of the project and for one (1) potential stormwater treatment pond (assume 2-acre site).
 - b. Geotechnical investigations (Standard Penetration Test – 15-foot depth) for the proposed culvert extensions (2 locations – 4 tests).
 - c. Delineating of unsuitable soils within proposed construction limits.
 - d. Pavement Condition Survey of the existing roadway pavement.
 - e. Prepare Preliminary and Final Geotechnical Reports with recommendations.
 - f. Perform Phase 1 Environmental Site Assessment for proposed stormwater treatment pond (optional service).
 - g. Perform Phase 1 Environmental Site Assessment for CR 115 corridor from US 1 to Sandra Lane (optional service).

Task 3 - Typical Section/Roadway Design Analysis

The CONSULTANT shall submit its proposed typical section package within 10 days of NTP. The typical section package will be finalized to illustrate the proposed interim and final improvements. At the 30% design submission for each package, a memorandum design report will be forwarded to the COUNTY by the CONSULTANT. This report shall document the existing corridor conditions, proposed design criteria, and proposed design improvements.

Task 4 – Traffic Operational Analysis

Package No. 2's design report shall include a Traffic Operational Analysis and Report for CR 115 and US 1 to Sandra Lane. This report will document the results and recommendations of the study. Specific tasks related to this report will include:

- a. Traffic Data Collection – Peak Hour Turning Movement Counts from 7-9 AM and 2-4 PM will be obtained by the CONSULTANT at the CR 115

intersections with US 1, three (3) Callahan Middle School driveways, and Wardlow Circle.

- b. Traffic Analysis - The CONSULTANT will conduct a Traffic Operation Analysis to determine the existing traffic deficiencies along CR 115 from US 1 to Sandra Lane. The CONSULTANT will review historical traffic growth and consult with school officials as well as Nassau County staff to determine any adjustments required to the existing traffic volumes to project to a proposed design traffic design condition. Analysis of the traffic volumes will be conducted by the CONSULTANT to prepare recommendations of improvements to facilitate improvement in the traffic flow on CR 115.

Task 5 - Drainage Design Analysis

The CONSULTANT will seek to determine past maintenance problems which this drainage system has experienced and/or any non-functioning or broken drainage components. An abbreviated preliminary bridge hydraulic analysis will be prepared for the two culvert extensions (Structure No. 740073 and Structure No. 740046) in general accordance to FDOT requirements. The CONSULTANT will obtain recent FDOT structure inspection reports and attempt to obtain FEMA or other hydraulic studies, review these reports/studies, perform a field inspection of each location, and prepare a memorandum report to verify existing culverts can be extended and/or require replacement. Following COUNTY review, the CONSULTANT will prepare final Bridge Hydraulic Letter Reports for both culverts within a not-to-exceed budget.

The CONSULTANT will prepare a proposed drainage design which assumes stormwater treatment, if required, will be accommodated within the COUNTY'S right-of-way for the rural section (Sandra Lane to Dyal Road). It is assumed that the CONSULTANT will design a closed drainage system with one (1) stormwater treatment pond in the urban area (US 1 to Sandra Lane) within Package 2.

Task 6 - Roadway/Structure Plans (including Culvert Extensions)

The CONSULTANT shall prepare plans (two bid packages) illustrating the proposed improvements to CR 115 - Old Dixie Highway as well as two (2) culvert extensions (Structure No. 740073 and Structure No. 740046).

The CONSULTANT will prepare Package No. 1, which will provide interim improvements to CR 115 from the CSX crossing west to Sandra Lane. The CONSULTANT will prepare Package 2, which will provide final improvements to CR 115 from US 1 to Dyal Road.

Package No. 1 will have 30% and Final Design Submissions following detailed QA/QC reviews by CONSULTANT staff. Plan and profiles will be prepared at a scale of 1" = 20'.

Package No. 2 will have 30%, 60%, 90%, and Final Design Submissions following detailed QA/QC reviews by CONSULTANT staff. Plan and profiles will be prepared at a scale of 1" = 20' for the urban section (US 1 to Sandra Lane) and a scale of 1" = 40' for the rural section (Sandra Lane to Dyal Road).

Task 7 - Drainage Plans

During this step, which will be based upon the drainage analysis completed in Task 5, the CONSULTANT will focus on identifying necessary structures replacement (if any) along with the reconstruction operations identified in Task 3.

Task 8 - Traffic Control Plan

The CONSULTANT shall adhere closely to prescribed FDOT and COUNTY standards, with particular attention focusing on motorist and worker safety in its design of a Traffic Control Plan. The CONSULTANT is to provide its design via current (2002) criteria from "Traffic Safety in the Work Place".

Task 9 - Environmental Permitting

Permitting for the project will include preparation of a Nationwide and Standard Environmental Resource Permit (ERP) application which will consist of wetlands-related issues (but not mitigation system design). Coordination meetings with the St. Johns River Water Management District (SJRWMD) and the U.S. Army Corps of Engineers (COE) as well as field site reviews with these agencies' wetlands delineators is also to be included by the CONSULTANT. The completed application will be provided

to the COUNTY for its submittal of same to the applicable agency. The COUNTY shall also pay application fees for all permits applied for.

Task 10 – Utility/Railroad Crossing Coordination and Permitting

The CONSULTANT will make all utility contacts including FDOT and CSX Transportation, conduct a Pre-Design Utility Conference and note all utility adjustments/relocations on the construction plans. Also, an FDOT connection permit application will be completed and submitted for the US 1 terminus of the project.

The CONSULTANT will work with the Utility companies to resolve all potential utility conflicts. If required (optional service), CONSULTANT will perform utility locates (vvh) to verify existing utilities.

Task 11 - Signing and Pavement Marking

The CONSULTANT shall add new roadside signs to replace existing outdated signs as well as new pavement markings in accordance with FDOT Standards and Specifications for rural and urban roadways.

Task 12 - Quality Control

The CONSULTANT shall complete quality control checks at prescribed submittal milestones.

Task 13 - Post Design Services

Limited post design services through the bidding process (bid package preparation assistance to the COUNTY, response to bidders questions, bid evaluations, and pre-construction meeting attendance) will be provided to the COUNTY within an agreed upon optional budget amount.

1.3 ASSUMPTIONS

Basic Services

- Two construction bid packages will be prepared for this project. Package No. 1 (CSX RR to Sandra Lane) shall be completed in ninety days (90) from the COUNTY's NTP. Package No. 2 (US 1 to Dyal Road) shall be completed in twelve (12) months from the COUNTY's NTP.
- Wetlands flagging of the jurisdictional limits will be included within the COUNTY's right-of-way.
- A Nationwide Permit (not Individual) and Standard ERP (not Complex) through the ACOE and SJRWMD are assumed to be required for Package No. 2 only. It is assumed that Package No. 1 can be exempted from ERP permitting as a Safety Improvement
- Any wetlands mitigation which may be required will be handled in a separate Scope.
- Permit fees are to be paid for by the COUNTY.
- The Bridge Hydraulics Letter Reports for the two culverts will be completed following review of existing data and a preliminary hydraulic analysis within a not-to-exceed budget.

Optional Services

- R.O.W. mapping/surveying (including up to five (5) acquisition parcel/easement descriptions) and related coordination will be defined as an optional service.

- The Public Information Meetings, if authorized by the COUNTY, will be held at the Callahan Middle School. Any fees for the use of the facility will be paid by the COUNTY.
- It is assumed that if a stenographer is required for the Public Meetings by the COUNTY, the fee will be paid for by the COUNTY
- Phase 1 Environmental Site Assessment (IAW ASTM E1527-93) for proposed pond site and existing CR 115 corridor are defined as optional services.
- The scope includes limited post design services through the bidding process (bid package preparation assistance to the COUNTY, response to bidders questions, bid evaluations, and pre-construction meeting attendance) within an agreed upon bidding-phase budget amount as an optional service.
- All construction advertising, bidding, addenda, and award of Construction Contract will be handled by the COUNTY. The CONSULTANT will prepare all technical written responses.

Old Dixie Highway CR115 - FINAL DESIGN (Two Bid Packages)
REVISION #1

ACTIVITY	SUMMARY FEE SHEET - DESIGN														TOTAL	Total Activity	Manhours by	Avg Hourly		
	PROJECT MANAGER		CHIEF ENGINEER		SENIOR DESIGNER		CHIEF DRAFTSMAN		SENIOR QA/QC ENGINEER		CLERICAL		Man-Hours	Fee					Activity	Rate
	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate								
A. ROADWAY PLANS PACKAGE																				
1. Design Analysis	30	\$40.00	60	\$35.00	72	\$25.00	123	\$20.11	11	\$49.21	3	\$14.50	299	\$8,158.34	299	\$27.29				
2. Drainage Analysis (No BHR)	50	\$40.00	100	\$35.00	124	\$25.00	199	\$20.11	20	\$49.21	5	\$14.50	498	\$13,658.59	498	\$27.43				
3. Roadway Plans	196	\$40.00	392	\$35.00	490	\$25.00	784	\$20.11	80	\$49.21	20	\$14.50	1,962	\$53,803.04	1,962	\$27.42				
5. Drainage Plans	55	\$40.00	110	\$35.00	138	\$25.00	220	\$20.11	22	\$49.21	6	\$14.50	551	\$15,093.82	551	\$27.39				
6. Traffic Control Plan	35	\$40.00	69	\$35.00	86	\$25.00	138	\$20.11	14	\$49.21	4	\$14.50	356	\$9,487.12	356	\$26.65				
7. Utilities/Railroads	29	\$40.00	58	\$35.00	68	\$25.00	124	\$20.11	16	\$49.21	3	\$14.50	298	\$8,214.50	298	\$27.57				
8. Environmental Services/Permits	19	\$40.00	38	\$35.00	48	\$25.00	77	\$20.11	7	\$49.21	2	\$14.50	191	\$5,211.94	191	\$27.29				
B. SIGNING AND PAVEMENT MARKINGS	21	\$40.00	42	\$35.00	52	\$25.00	83	\$20.11	8	\$49.21	2	\$14.50	208	\$5,701.81	208	\$27.41				
C. SIGNALIZATION	5	\$40.00	10	\$35.00	12	\$25.00	18	\$20.11	2	\$49.21	1	\$14.50	48	\$1,324.90	48	\$27.60				
D. DESIGN/ROW SURVEYS	2	\$40.00	4	\$35.00	6	\$25.00	11	\$20.11	1	\$49.21	0	\$14.50	24	\$640.42	24	\$26.68				
E. RIGHT-OF-WAY-MAPS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!				
F. PUBLIC INVOLVEMENT	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!				
Totals	M/H		M/H		M/H		M/H		M/H		M/H		M/H							
	442		883		1096		1777		181		46		4,435	\$121,294.48	4,435	\$27.35				

State Project No. N/A
W.P.I. No. N/A
F.A.P. No. N/A
Road Name (Limits) Old Dixie Highway CR 115 (US1 to Dyal Road)
Consultant Name The R-A-M Professional Group, Inc.
Date February 26, 2003

BASIC SERVICES FEE COMPUTATIONS

Basic Activities Maximum Limiting Fees (Salary Costs)		\$121,294.48	
Cost Elements and Additives			
a) 108.50% For Overhead (General)		\$131,604.51	
b) 38.50% For Overhead (Fringe)		\$46,698.37	
SUBTOTAL (Cost Elements applicable to Basic Activity Fee)		\$299,597.37	
c) 10.00% For Operating Margin		\$29,959.74	
SUBTOTAL		\$329,557.10	
d) Direct Reimbursables (Out of Pocket/Lump Sum)		\$3,070.75	
e) FCCM _____ of Salary Costs		\$0.00	
f) Wetlands		\$14,500.00	Hakala
g) Field Survey		\$57,960.00	Clary
h) Survey Office Hours		\$21,250.00	Clary
i) Geotechnical		\$27,635.00	Ellis
j) Traffic Analysis & Report		\$9,000.00	King Robinson
k) Structures - Culvert Insp & Extensions		\$13,000.00	Jenkins & Charland
l) Hydraulics Report -Two locations		\$31,868.29	R-A-M
m) Public Involvement		\$11,309.03	R-A-M
TOTAL BASIC SERVICES FEE		\$519,150.17	

OPTIONAL SERVICES FEE COMPUTATIONS

o) Phase 1 ESA		\$3,800.00	Ellis
p) ROW Survey & Maps (incl 5 parcels)		\$78,800.00	Clary
q) ROW Coordination & Review		\$2,366.78	R-A-M
r) Utility Locations (Assume 20)		\$5,000.00	Clary
s) Post Design (Limiting Amount)		\$20,000.00	As-needed
t)		\$0.00	
TOTAL OPTIONAL SERVICES FEE		\$109,966.78	

THE R-A-M PROFESSIONAL GROUP, INC.
 DIRECT PROJECT EXPENSES

STATE PROJ. NO.: N/A
 WPI NO.: N/A
 DESCRIPTION: Package No. 1
 CR 115 Old Dixie Highway
 (From CSX to Sandra Lane)

1. REPRODUCTION EXPENSES

PHASE	8-1/2" X 11"			11"x17"		
	No. Sheets	No. Copies	TOTAL	No. Sheets	No. Copies	TOTAL
I	50	5	250	40	5	200
II	0	0	0	0	0	0
III	0	0	0	0	0	0
IV	300	10	3,000	50	10	500
TOTALS	350		3,250	90		700

Photocopies (8-1/2x11)	3,250	@	\$0.10	=	\$325.00
Photocopies (11x17)	700	@	\$0.45	=	\$315.00
Plots (Bond)	90	@	\$0.45	=	\$40.50
TOTAL					\$680.50

2. LOCAL TRAVEL

P.O.V.	450	@	\$0.35	=	\$155.25
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3. SHIPPING

Per Month	3	@	\$25.00	=	<u>\$75.00</u>
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GRAND TOTAL **\$910.75**

THE R-A-M PROFESSIONAL GROUP, INC.
DIRECT PROJECT EXPENSES

STATE PROJ. NO.: N/A
 WPI NO.: N/A
 DESCRIPTION: Package No. 2
 CR 115 Old Dixie Highway
 (From US 1 to Dyal Road)

1. REPRODUCTION EXPENSES

PHASE	8-1/2" X 11"			11"x17"		
	No.Sheets	No. Copies	TOTAL	No.Sheets	No. Copies	TOTAL
I	50	5	250	80	5	400
II	100	5	500	120	5	600
III	200	5	1,000	150	5	750
IV	200	10	2,000	150	10	1,500
TOTALS	550		3,750	500		3,250

Photocopies (8-1/2x11)	3,750	@	\$0.10	=	\$375.00
Photocopies (11x17)	3,250	@	\$0.45	=	\$1,462.50
Plots (Bond)	0	@	\$0.45	=	\$0.00
TOTAL					\$1,837.50

2. LOCAL TRAVEL

P.O.V.	500	@	\$0.35	=	\$172.50
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3. SHIPPING

Per Month	6	@	\$25.00	=	\$150.00
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GRAND TOTAL **\$2,160.00**

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY A. ROADWAY PLANS PACKAGESUBACTIVITY: 1 - DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Typical Section Package	LS	1	8		8		
2. Geometrics	LS	1	24		24		
3. Update Access Management	LS	1	0		0		
4. Traffic Analysis	LS	1	0		0		
5. Pavement Design Package	LS	1	8		8		
6. Value Engineering	LS	0	0		0		
7. Contract File (Set-up and Maintenance)	LS	1	0		0		
8. Computation Book & Quantities	LS	1	0		0		
9. C.E.S. / Summary of Pay Items	LS	1	24		24		Cost Estimating
10. Special Provisions	LS	0	0		0		
11. Guardrail Eval./Design	LS	1	12		12		
SUBTOTAL				0	76	0	

Continued

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY A. ROADWAY PLANS PACKAGESUBACTIVITY: 2 - DRAINAGE ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Design of Cross Drains	EA	2	4		8		Per Cross drain
2. Design of Roadway Ditches	Mile	1	32		32.0		both sides
3. Design of Outfall Ditches	EA	1	24		24		
4. Interchange Drainage Design	EA	0	0		0		
5. Design of Storm Sewers	EA	10	3		30		Per structure
6. Design of Stormwater Retention / Detention Fac.(s)	EA	0	0		0		Assume no stormwater design/permitting
7. Design of Sepcial Drainage Syst	LS	1	24		24		Includes erosion control
8. Preparation of Bridge Hydraulics Report	EA	0	0		0		Assume letter, but not full report
9. Drainage Design Report	LS	0	0		0		
					0		
					0		
					0		
SUBTOTAL				0	118.0		

Continued

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY A. ROADWAY PLANS PACKAGESUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Key Map	Sheet	1	8	1	8		
2. Typical Section & Notes	Sheet	1	16	1	16		
3. Summary of Quantities	Sheet	1	24	1	24		
4. Plan & Profiles	Sheet	7	20	7	140		CSX to Sandra La. 2000ft, scale 20' at 300 per she
5. Intersection Details	Sheet	1	16	1	16		assume misc detail at Morgans Circle
6. Intersection Profiles	Sheet	0	0	0	0		
7. Back of Sidewalk Profiles	Sheet	0	0	0	0		
8. Special Profiles	Sheet	0	0	0	0		
9. Miscellaneous Construction Det	Sheet	1	16	1	16		
10. Soil Data Sheet	Sheet	1	8	1	8		To be placed on P/P and XSection Sheets
11. Cross-Sections	EA	40	1.5	12	60		50 intervals
12. Baseline Control/Curve data	EA	1	8	1	8		Review Survey Control
SUBTOTAL				26	296	0	

Continued

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 5 - DRAINAGE PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Drainage Map	Sheet	1	24	2	24		
2. Drainage Structures	EA	10	4	2	40		
3. Summary of Drainage Structures	Sheet	0	0	0	0		Included on Summary of Quantities Sheets
4. Lateral Ditches & Outfalls (Plan & Profiles)	Sheet	1	40	0	40		
5. Lateral Ditch Cross-Sections	EA	0	0	0	0		
6. Erosion Control Detail Sheet	Sheet	2	8	2	16		
7. Bridge Hydraulics Recommendation Sheet	Sheet	0	0	0	0		
8. Stormwater Retention Detention Plans	Sheet	0	0	0	0		Assume none needed
9. Retention Area Cross-Sections	EA	0	0	0	0		
10. Special Drainage	Sheet	0	0	0	0		
SUBTOTAL				6	120	0	

Continued

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY A. ROADWAY PLANS PACKAGESUBACTIVITY: 7 - UTILITIES / RAILROADS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Initial Contact	EA	0	8	0	0		Part of Package 2
2. Prepare Utility Adjustment Sheet	Sheet	7	2	0	14		add utility adjustments on roadway plans
3. Coordination with Utility Companies	EA	4	8		32		
4. Prepare Railroad Crossing Details	EA				0		
5. Prepare Utility Relocation Agreements					0		
SUBTOTAL				0	46	0	
6. Quality Control	5%	2	0		2		
7. Supervision	2%	2	0		1		
8. Utility Meetings	EA	2	6		12		
TOTAL				0	61	0	

Tasklist.A07

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY A. ROADWAY PLANS PACKAGE (Not Bridge)SUBACTIVITY: 8 - ENV. SERVICES/PERMITS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Preliminary Field Review	LS	1	4		4		Also see Hakala Proposal for Wetlands Review
2. Agency Coordination (Includes all Phases)	LS	1	12		12		Also see Hakala Proposal for Wetlands Review
3. Establish Wetland Jurisdictional Lines	LS	1	4		4		Also see Hakala Proposal for Wetlands Review
4. Agency Field Review	EA	1	4		4		Also see Hakala Proposal for Wetlands Review
5. Prepare Wetland Resource/ Dredge & Fill Permit Appl.	LS	0	0		0		Assume no wetlands for roadway portion
6. Prepare Environmental Resource Permit (ERP) App for Safety Improv	LS	1	4		4		
7. Prepare Coast Guard Navigation Permit Application	LS	0	0		0		Assume not needed
8. Prepare NPDES / EPA Permit Application	LS	0	0		0		Assume not needed
9. Prepare DNR / CCL Permit Application	LS	0	0		0		Assume not needed
10. Prepare FDOT Permit	LS	0	0		0		Assumed with Package 2
11. Mitigation Coordination and Meetings	LS	0	0		0		Assumed separate , if required

Continued

CONTINUED

HIGHWAY TASK LIST (Package 1-CSX to Sandra Lane)

HIGHWAY PAGE 12 OF 14

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 8- ENV. SERVICES / PERMITS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
12. Mitigation Design	LS	0	0		0		Assumed separate, if required
13. Mitigation Plans (Includes all Phases)	Sheet	0	0		0		Assumed separate, if required
SUBTOTAL					0	0	
14. Quality Control	5%	1			1		
15. Supervision	2%	1			1		
TOTAL					0	30	

Tasklist.A08

HIGHWAY TASK LIST (Package 1 - CSX to Sandra Lane)

ACTIVITY B. SIGNING & PAVEMENT MARKINGSSUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Key Sheet	Sheet	0	0	1	0		
2. General Notes	Sheet	1	8	1	8		
3. Tabulation of Quantities	Sheet	1	4	1	4		
4. Plan Sheets	Sheet	3	4	3	12		Includes design analysis, standard marking details
5. Guide Sign Worksheet	EA	0	20	0	0		Assume none needed
6. Cross-Sections & Layout	EA	0	0	0	0		
7. Special Marking Details	EA	1	8	1	8		
8. Sign Details	Sheet	1	8	1	8		Includes cantilever, truss, bridge and shoulder mo
9. Metal / Concrete Pole Details	EA	0	0	0	0		
10. Service Point Details	EA	0	0	0	0		
11. C.E.S. / Summary of Pay Items	LS	1	6	0	6		Cost estimating
12. Special Provisions	LS	1	0	0	0		
SUBTOTAL				8	46	0	

Continued

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Typical Section Package	LS	3	8		24	1-urban ,1- rural & 1-misc.side streets, drives
2. Geometrics	LS	1	16		16	Assume no curve; no temp. bridge (min.)
3. Update Access Management	LS	0	0		0	
4. Traffic Analysis	LS	1	0		0	
5. Pavement Design Package	LS	1	8		8	
6. Value Engineering	LS	0	0		0	
7. Contract File (Set-up and Maintenance)	LS	1	0		0	
8. Computation Book & Quantities	LS	1	0		0	
9. C.E.S. / Summary of Pay Items	LS	1	72		72	Cost Estimating
10. Special Provisions	LS	0	0		0	
11. Guardrail Eval./Design	LS	1	16		16	
SUBTOTAL				0	136	

Continued

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Design of Cross Drains	EA	20	4		80	Per Cross drain
2. Design of Roadway Ditches	Mile	4.6	10		46.0	
3. Design of Outfall Ditches	EA	0	0		0	
4. Interchange Drainage Design	EA	0	0		0	
5. Design of Storm Sewers	EA	0	0		0	Per structure
6. Design of Stormwater Retention / Detention Fac.(s)	EA	1	60		60	Natural Vegetative Buffer
7. Design of Sepcial Drainage System	LS	1	60		60	
8. Preparation of Bridge Hydraulics Report	EA	2	40		80	Prel Evaluation Only, two crossings
9. Drainage Design Report	LS	0	0		0	
					0	
					0	
					0	
SUBTOTAL				0	326.0	

Continued

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Key Map	Sheet	1	12	1	12	
2. Typical Section & Notes	Sheet	3	16	3	48	1-urban , 1- rural & 1-misc
3. Summary of Quantities	Sheet	1	32	1	32	
4. Plan & Profiles	Sheet	47	20	47	940	7 sheets -urban 20' scale & 38 sheets - rural 40' scale
5. Intersection Details	Sheet	1	32	1	32	US 1 intersection details
6. Intersection Profiles	Sheet	0	0	0	0	
7. Back of Sidewalk Profiles	Sheet	0	0	0	0	
8. Special Profiles	Sheet	0	0	0	0	
9. Miscellaneous Construction Detail	Sheet	2	16	4	32	
10. Soil Data Sheet	Sheet	1	24	0	24	To be placed on P/P and XSection Sheets
11. Cross-Sections	EA	272	1.5	68	408	50' intervals - urban, 100' intervals - rural
12. Baseline Control/Curve data	EA	1	12	0	12	Review Survey Control
SUBTOTAL				125	1540	

Continued

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Drainage Map	Sheet	1	40	2	40	
2. Drainage Structures	EA	40	4	10	160	
3. Summary of Drainage Structures	Sheet	0	0	0	0	Included on Summary of Quantities Sheets
4. Lateral Ditches & Outfalls (Plan & Profiles)	Sheet	2	30	2	60	
5. Lateral Ditch Cross-Sections	EA	8	8	2	64	
6. Erosion Control Detail Sheet	Sheet	2	8	2	16	
7. Bridge Hydraulics Recommendation Sheet	Sheet	2	16	2	32	
8. Stormwater Retention Detention Plans	Sheet	1	24	2	24	
9. Retention Area Cross-Sections	EA	0	8	0	0	
10. Special Drainage	Sheet	0	0	0	0	
SUBTOTAL				22	396	

Continued

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Traffic Control Plan Design Analysis	LS	1	24	0	24	Includes lane closure analysis
2. Typical Sections	Sheet	6	4	3	24	
3. General Notes/ Construction Sequence	Sheet	1	20	1	20	
4. Typical Details	Sheet	1	24	0	24	INCL ADV SIGNING
5. Tabulation of Quantities	Sheet	1	24	0	24	May be included on General Notes sheet
6. Plan Sheets	Sheet	8	12	8	96	
7. Pavement Markings/ Signing Details	Sheet	0	0	0	0	
8. Temporary Signal	Sheet	0	0	0	0	Exclude bridge construction
SUBTOTAL				12	212	
9. Quality Control	5%	2			11	
10. Supervision	2%	2			4	
TOTAL				12	227	

Tasklist.A06

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Initial Contact	EA	1	12	0	12	
2. Prepare Utility Adjustment Sheets	Sheet	47	1	0	47	Adjustments shown on constr. plans
3. Coordination with Utility Companies	EA	4	24		96	
4. Prepare Railroad Crossing Detail	EA	1	40		40	Prepare FDOT Base topo sketch only
5. Prepare Utility Relocation Agreements					0	
SUBTOTAL				0	195	
6. Quality Control	5%	1	0		10	
7. Supervision	2%	1	0		2	
8. Utility Meetings	EA	5	6		30	
TOTAL				0	237	

Tasklist.A07

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGE (Not Bridge) SUBACTIVITY:

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Preliminary Field Review	LS	1	8		8	Also see Hakala Proposal for Wetlands Review
2. Agency Coordination (Includes all Phases)	LS	1	16		16	
3. Establish Wetland Jurisdictional Lines	LS	1	8		8	
4. Agency Field Review	EA	1	8		8	
5. Prepare Wetland Resource/ Dredge & Fill Permit Appl.	LS	0	0		0	Assumed not required
6. Prepare Environmental Resource Permit (ERP) App for Safety Improv	LS	1	80		80	ERP, assume General Improv for safety
7. Prepare Coast Guard Navigation Permit Application	LS	0	0		0	Assume not needed
8. Prepare NPDES / EPA Permit Application	LS	0	0		0	Assume not needed
9. Prepare DNR / CCL Permit Application	LS	0	0		0	Assume not needed
10. Prepare FDOT Permit	LS	1	30		30	Connection to US1 intersection
11. Mitigation Coordination and Meetings	LS	0	0		0	Assumed separate if required

Continued

Old Dixie Highway CR115 - PUBLIC INVOLVEMENT(OPTIONAL)

ACTIVITY	SUMMARY FEE SHEET - DESIGN														Total Activity Fee	Manhours by Activity	Avg Hourly Rate
	PROJECT MANAGER		CHIEF ENGINEER		SENIOR DESIGNER		CHIEF DRAFTSMAN		SENIOR QA/QC ENGINEER		CLERICAL		TOTAL				
	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours				
A. ROADWAY PLANS PACKAGE																	
1. Design Analysis	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
2. Drainage Analysis	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
3. Roadway Plans	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
5. Drainage Plans	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
6. Traffic Control Plan	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
7. Utilities/Railroads	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
8. Environmental Services/Permits	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
B. SIGNING AND PAVEMENT MARKING	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
C. SIGNALIZATION	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
D. DESIGN/ROW SURVEYS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
E. RIGHT-OF-WAY-MAPS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
F. PUBLIC INVOLVEMENT	29	\$40.00	29	\$35.00	32	\$25.00	17	\$20.11	6	\$49.21	2	\$14.50	116	\$3,641.13	204	\$17.85	
Totals	M/H	Amnt.	M/H	Amnt.	M/H	Amnt.	M/H	Amnt.	M/H	Amnt.	M/H	Amnt.	M/H	Amnt.			
	29	\$1,160.00	29	\$1,015.00	32	\$800.00	17	\$341.87	6	\$295.26	2	\$29.00	116	\$3,641.13	204	\$17.85	

State Project No. N/A
W.P.I. No. N/A
F.A.P. No. N/A
Road Name (Limits) Old Dixie Highway CR 115 (US1 to Dyal Road)
Consultant Name The R-A-M Professional Group, Inc.
Date February 26, 2003

BASIC SERVICES FEE COMPUTATIONS

Basic Activities Maximum Limiting Fees (Salary Costs)	\$3,641.13	
Cost Elements and Additives		
a) 108.50% For Overhead (General)	\$3,950.63	
b) 38.50% For Overhead (Fringe)	\$1,401.84	
SUBTOTAL (Cost Elements applicable to Basic Activity Fee)	\$8,993.59	
c) 10.00% For Operating Margin	\$899.36	
SUBTOTAL	\$9,892.95	
d) Direct Reimbursables (Out of Pocket/Lump Sum)	\$1,416.08	
e) FCCM of Salary Costs	\$0.00	
f) Wetlands	\$0.00	Hakala
g) Field Survey	\$0.00	Clary
h) Survey Office Hours	\$0.00	Clary
i) Geotechnical	\$0.00	Ellis
j) Traffic Analysis & Report	\$0.00	King Robinson
k) Structures - Culvert Insp & Extensions	\$0.00	Jenkins & Chartland
TOTAL BASIC SERVICES FEE	\$11,309.03	

OPTIONAL SERVICES FEE COMPUTATIONS

l) Phase 1 ESA	\$0.00	Ellis
m) ROW Survey & Maps (incl 5 parcels)	\$0.00	Clary
n) Utility Locations (Assume 20)	\$0.00	Clary
o) Post Design (Limiting Amount)	\$0.00	As-needed
TOTAL OPTIONAL SERVICES FEE	\$0.00	

HIGHWAY TASK LIST

ACTIVITY

F. Public Involvement

SUBACTIVITY: NONE

OPTIONAL SERVICE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Prepare Presentation	EA	0	0		0		N/A
2. Attend / Public Info Mtg	EA	2	18		36		3 persons for 2 meetings 6 HRS/MTG
3. Prepare Handouts & Graphics	EA	2	40		80		
4. Prepare Mailing List	EA	0	0		0		By County
5. Conduct coordination Meeting	EA	0	0		0		N/A
					0		
					0		
					0		
TOTAL				0	116.0		

Old Dixie Highway CR115 -HYDRAULIC REPORTS

ACTIVITY	SUMMARY FEE SHEET - DESIGN												TOTAL Man-Hours	Total Activity Fee	Manhours by Activity	Avg Hourly Rate	
	PROJECT MANAGER		CHIEF ENGINEER		SENIOR DESIGNER		CHIEF DRAFTSMAN		SENIOR QA/QC ENGINEER		CLERICAL						
	Man- Hours	Hourly Rate	Man- Hours	Hourly Rate	Man- Hours	Hourly Rate	Man- Hours	Hourly Rate	Man- Hours	Hourly Rate	Man- Hours	Hourly Rate					
A. ROADWAY PLANS PACKAGE																	
1. Design Analysis	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
2. Drainage Analysis (Hydraulic Reports)	62	\$40.00	82	\$35.00	120	\$25.00	126	\$20.11	16	\$49.21	4	\$14.50	410	\$11,729.22	410	\$28.61	
3. Roadway Plans	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
5. Drainage Plans	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
6. Traffic Control Plan	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
7. Utilities/Railroads	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
8. Environmental Services/Permits	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
B. SIGNING AND PAVEMENT MARKINGS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
C. SIGNALIZATION	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
D. DESIGN/ROW SURVEYS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
E. RIGHT-OF-WAY-MAPS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
F. PUBLIC INVOLVEMENT	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	#DIV/0!	
Totals	M/H		M/H		M/H		M/H		M/H		M/H		M/H				
	62		82		120		126		16		4		410	\$11,729.22	410	\$28.61	

State Project No. N/A
 W.P.I. No. N/A
 F.A.P. No. N/A
 Road Name (Limits) Old Dixie Highway CR 115 (US1 to Dyal Road)
 Consultant Name The R-A-M Professional Group, Inc.
 Date February 26, 2003

BASIC SERVICES FEE COMPUTATIONS

Basic Activities Maximum Limiting Fees (Salary Costs)	\$11,729.22	
Cost Elements and Additives		
a) 108.50% For Overhead (General)	\$12,726.20	
b) 38.50% For Overhead (Fringe)	\$4,515.75	
SUBTOTAL (Cost Elements applicable to Basic Activity Fee)	\$28,971.17	
c) 10.00% For Operating Margin	\$2,897.12	
SUBTOTAL	\$31,868.29	
d) Direct Reimbursables (Out of Pocket/Lump Sum)	\$0.00	
e) FCCM _____ of Salary Costs	\$0.00	
f) Wetlands	\$0.00	Hakala
g) Field Survey	\$0.00	Clary
h) Survey Office Hours	\$0.00	Clary
i) Geotechnical	\$0.00	Ellis
j) Traffic Analysis & Report	\$0.00	King Robinson
k) Structures - Culvert Insp & Extensions	\$0.00	Jenkins & Charland
l) Culvert Analysis -Two locations(Limiting Amount)		R-A-M
TOTAL BASIC SERVICES FEE	\$31,868.29	

OPTIONAL SERVICES FEE COMPUTATIONS

l) Phase 1 ESA	\$0.00	Ellis
m) ROW Survey & Maps (incl 5 parcels)	\$0.00	Clary
n) ROW Coordination & Review		R-A-M
o) Utility Locations (Assume 20)	\$0.00	Clary
p) Post Design (Limiting Amount)	\$0.00	As-needed
q) Public Involvement	\$0.00	R-A-M
TOTAL OPTIONAL SERVICES FEE	\$0.00	

HIGHWAY TASK LIST (Package 2 - US1 to Dyal Road)

ACTIVITY A. ROADWAY PLANS PACKAGESUBACTIVITY: CULVERT ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Design of Cross Drains	EA	0	0		0		Per Cross drain
2. Design of Roadway Ditches	Mile	0	0		0.0		
3. Design of Outfall Ditches	EA	0	0		0		
4. Interchange Drainage Design	EA	0	0		0		
5. Design of Storm Sewers	EA	0	0		0		Per structure
6. Design of Stormwater Retention / Detention Fac.(s)	EA	0	0		0		
7. Design of Sepcial Drainage System	LS	0	0		0		
8. Preparation of Bridge Hydraulics Report	EA	2	184		368		Two crossings - final design analysis
9. Drainage Design Report	LS	0	0		0		
					0		
					0		
					0		
SUBTOTAL				0	368.0		

Continued

Old Dixie Highway CR115 -RIGHT OF WAY COORDINATION REVIEW

ACTIVITY	SUMMARY FEE SHEET - DESIGN													TOTAL	Total Activity Fee	Manhours by Activity	Avg Hourly Rate
	PROJECT MANAGER		CHIEF ENGINEER		SENIOR DESIGNER		CHIEF DRAFTSMAN		SENIOR QA/QC ENGINEER		CLERICAL		Man-Hours				
	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate	Man-Hours	Hourly Rate					
A. ROADWAY PLANS PACKAGE																	
1. Design Analysis	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
2. Drainage Analysis	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
3. Roadway Plans	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
5. Drainage Plans	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
6. Traffic Control Plan	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
7. Utilities/Railroads	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
8. Environmental Services/Permits	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
B. SIGNING AND PAVEMENT MARKINGS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
C. SIGNALIZATION	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
D. DESIGN/ROW SURVEYS	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
E. RIGHT-OF-WAY-MAPS	4	\$40.00	6	\$35.00	12	\$25.00	10	\$20.11	0	\$49.21	0	\$14.50	32	\$871.10	0	\$0.00	#DIV/0!
F. PUBLIC INVOLVEMENT	0	\$40.00	0	\$35.00	0	\$25.00	0	\$20.11	0	\$49.21	0	\$14.50	0	\$0.00	0	\$0.00	#DIV/0!
Totals	M/H	4	M/H	6	M/H	12	M/H	10	M/H	0	M/H	0	M/H	32	\$871.10	0	#DIV/0!

State Project No. N/A
W.P.I. No. N/A
F.A.P. No. N/A
Road Name (Limits) Old Dixie Highway CR 115 (US1 to Dyal Road)
Consultant Name The R-A-M Professional Group, Inc.
Date February 26, 2003

BASIC SERVICES FEE COMPUTATIONS

Basic Activities Maximum Limiting Fees (Salary Costs)	\$871.10	
Cost Elements and Additives		
a) <u>108.50%</u> For Overhead (General)	\$945.14	
b) <u>38.50%</u> For Overhead (Fringe)	\$335.37	
SUBTOTAL (Cost Elements applicable to Basic Activity Fee)	\$2,151.62	
c) <u>10.00%</u> For Operating Margin	\$215.16	
SUBTOTAL	\$2,366.78	
d) Direct Reimbursables (Out of Pocket/Lump Sum)	\$0.00	
e) FCCM _____ of Salary Costs	\$0.00	
f) Wetlands	\$0.00	Hakaia
g) Field Survey	\$0.00	Clary
h) Survey Office Hours	\$0.00	Clary
i) Geotechnical	\$0.00	Ellis
j) Traffic Analysis & Report	\$0.00	King Robinsion
k) Structures - Culvert Insp & Extensions	\$0.00	Jenkins & Charland
l) Culvert Analysis -Two locations(Limiting Amount)		R-A-M
TOTAL BASIC SERVICES FEE	\$2,366.78	

OPTIONAL SERVICES FEE COMPUTATIONS

l) Phase 1 ESA	\$0.00	Ellis
m) ROW Survey & Maps (incl 5 parcels)	\$0.00	Clary
n) ROW Coordination & Review		R-A-M
o) Utility Locations (Assume 20)	\$0.00	Clary
p) Post Design (Limiting Amount)	\$0.00	As-needed
q) Public Involvement	\$0.00	R-A-M
TOTAL OPTIONAL SERVICES FEE	\$0.00	

26 03 04:35p

Ellis & Assoc. Inc.

(904)880-0970

p.1

7064 DAVIS CREEK ROAD
JACKSONVILLE, FLORIDA 32256
PHONE: (904) 880-0960
FAX: (904) 880-0970



Fax

Date: 02/26/03

To: William Scott, P.E.

Company: R-A-M Professional Group

Fax No.: 731-5465

Phone No.:

From: Dan Blaydes, P.E.

Subject: CR-115 CSX-Sandra Lan, US-1 - Dgal Road 13JK-0127

No. of Pages Transmitted: 5 including this cover sheet.

Message:

We are transmitting on an Okidata OkifAX 1050 at (904) 880-0970. If you encounter any difficulties with this transmission, please contact us at (904) 880-0960 as soon as possible.

Feb 26 03 04:35p

Ellis & Assoc. Inc.

(904)880-0970

p.2

7084 DAVIS CREEK ROAD
 JACKSONVILLE, FLORIDA 32256
 PHONE: 904/880-0960
 FAX: 904/880-0970



January 27, 2003
 Revised, January 30, 2003
 Revised, February 26, 2003

Eng. William G. Scott, P.E.
 The R-A-M Professional Group
 8298 Bayberry Road, Suite 1
 Jacksonville, Fl 32256

Subject: Proposal for Geotechnical Exploration
 and Engineering Services
 CR-115 From U.S.-1 to Dyal Road
 Nassau County, Florida
 E&A Proposal No. 03JX-0127

Dear Eng. Scott:

Ellis & Associates, Inc. is pleased to provide this proposal to perform the geotechnical exploration and engineering services for the above referenced project.

PROJECT INFORMATION

Based on our conversation with you and your transmittal dated January 20, 2003, we understand that County Road 115 from U.S.-1 to Dyal Road in Nassau County, Florida will be widened. The proposed construction will consist widening and resurfacing the existing roadway from the current 20 foot width to 24 feet in width along with shoulder improvements. Extension of two existing drainage culverts will be included. Geotechnical information is requested to provide information and recommendations for the project design. We understand that approximately 2,000 feet of the project (CSX RR to Sandra Lane) will be performed as a separate construction project. Therefore, we have deleted this section from this proposal.

PROPOSED GEOTECHNICAL EXPLORATION

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions at the site for the proposed construction. You have requested that we perform one boring every 300 feet along the project. The borings will be alternated on the right and left sides of the roadway. We anticipate that the project stationing will be available in the field to reference our boring locations. The following field services are proposed:

Location	Number of Borings	Depth of Borings Below Ground Surface, feet
Roadway	74 Augers	6
Culvert Extensions	4 SPT*	15
Delineation of Unsuitable Soils	12 Augers	6

*Standard Penetration Test



We will also perform a pavement condition evaluation survey to provide information to aid in developing milling depth recommendations. The pavement condition survey will be a reduced scope from the FDOT guidelines and the ride rating will not be performed. The results of the pavement condition survey will be provided as a stand alone report or as an appendix of the Roadway Soils Survey Report.

Laboratory classification, index property, organic content, LBR, and corrosion series tests will be performed as necessary on selected soil samples obtained from the exploration. We will provide the soil support value based on the LBR testing. We will provide cores of the existing pavement at every 5th boring location. All roadway borings will be grouted at the completion of drilling. We will also provide signs, cones, and a flagman for traffic control during the field work portion of the project.

A geotechnical engineer, registered in the State of Florida, will direct the geotechnical exploration and provide an engineering analysis and evaluation of the site and subsurface conditions with respect to the planned construction. The results of the exploration and engineering study will then be documented in a roadway soils survey report that will generally follow FDOT standards.

COMPENSATION FOR SERVICES

Based on the scope of the geotechnical exploration, proposed laboratory investigation, and engineering services outlined above, we propose to complete our services for a lump sum fee of \$23,750.00. After approval from the client, any services outside the scope of this proposal will be provided in accordance with the Fee Schedule included as Attachment A.

SCHEDULING AND AUTHORIZATION

We can initiate our geotechnical exploration within 5 to 7 days after receiving notice to proceed. A returned copy of the attached authorization sheet, dated and signed by a responsible signatory, will formally authorize the proposed geotechnical exploration. We estimate the field work will require approximately 6 to 8 days to complete. Preliminary verbal results and recommendations can be provided within 3 to 4 days after completion of the field drilling portion of the project. A draft roadway soil survey will be submitted within two to three weeks after completion of all field and laboratory testing for review and comment. After incorporation of your comments, we will then provide the final signed and sealed reports.

We appreciate this opportunity to provide this proposal to perform the geotechnical exploration for this project. If you have any questions concerning this proposal, or if we can serve you in any other way, please contact me.

Sincerely,

ELLIS & ASSOCIATES, INC.

Daniel G. Blaydes, P.E.
Senior Geotechnical Engineer



Authorization for Geotechnical Services
CR-115 From U.S-1 to Dyal Road
Nassau County, Florida
E&A Proposal No. 03JX-0127

Signature of Authorized Representative: _____

Title: _____

Company: _____

Date: _____

Billing and Invoicing Information (if different from addressee)

Contact Person: _____

Title: _____

Company: _____

Address: _____

Telephone: _____ Fax: _____

Special Instructions: _____



FEE SCHEDULE

Geotechnical Exploration and Engineering Services
CR-115 From U.S-1 to Dyal Road
Nassau County, Florida
E&A Proposal No. 03JX-0127

	<u>Unit Rate</u>
I. <u>FIELD EXPLORATION</u>	
A. Mobilization and Demobilization of Drill Crew and ATV Drill Equipment, Local, Lump Sum	\$300.00
B. Penetration Test Borings (ASTM D 1586).....	\$ 9.75/L.F.
C. Auger Borings (ASTM D 1452).....	\$ 7.50/L.F.
D. Boring Layout or Difficult Moving.....	\$ 90.00/Hour
E. Utility Coordination.....	\$ 50.00/Hour
F. Double Ring Infiltrometer Test	\$350.00/Test
II. <u>LABORATORY TESTING</u>	
A. Natural Moisture Content (ASTM D 2216)	\$ 8.00/Test
B. Percent Fines Content (ASTM D 1140)	\$ 27.00/Test
C. Grain Size Distribution.....	\$ 45.00/Test
D. Percent Organic Material Content (ASTM D 2974)	\$ 30.00/Test
E. Atterberg Limits (Liquid Limits and Plastic Limits, ASTM D 4318).....	\$ 65.00/Test
F. LBR	\$250.00/Test
G. Series Corrosion.....	\$120.00/Test
III. <u>ENGINEERING SERVICES</u>	
A. Staff Engineer	\$ 57.00/Hour
B. Project Engineer.....	\$ 76.00/Hour
C. Senior Engineer, P.E.....	\$ 87.00/Hour
D. Manager of Engineering, P.E.....	\$125.00/Hour
E. Secretary	\$ 37.00/Hour
F. Drafting CAD	\$ 45.00/Hour

Feb 26 03 04:31p

Ellis & Assoc. Inc.

(904)880-0970

p.2

7064 DAVIS CREEK ROAD
 JACKSONVILLE, FLORIDA 32256
 PHONE: 904/880-0960
 FAX: 904/880-0970



January 27, 2003
 Revised, January 30, 2003
 Revised, February 26, 2003

Eng. William G. Scott, P.E.
 The R-A-M Professional Group
 8298 Bayberry Road, Suite 1
 Jacksonville, Fl 32256

Subject: Proposal for Geotechnical Exploration
 and Engineering Services
 CR-115 From CSX Crossing to Sandra Lane
 Nassau County, Florida
 E&A Proposal No. 03JX-0128

Dear Eng. Scott:

Ellis & Associates, Inc. is pleased to provide this proposal to perform the geotechnical exploration and engineering services for the above referenced project.

PROJECT INFORMATION

Based on our conversation with you and your transmittal dated January 20, 2003, we understand that County Road 115 from the CSX crossing to Sandra Lane in Nassau County, Florida will be widened. The proposed construction will consist widening and resurfacing the existing roadway from the current 20 foot width to 36 feet in width along with shoulder improvements. A stormwater management pond will be included on an adjacent parcel. Geotechnical information is requested to provide information and recommendations for the project design.

PROPOSED GEOTECHNICAL EXPLORATION

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions at the site for the proposed construction. You have requested that we perform one boring every 300 feet along the project. The borings will be alternated on the right and left sides of the roadway. We anticipate that the project stationing will be available in the field to reference our boring locations. The following field services are proposed:

Location	Number of Borings	Depth of Borings Below Ground Surface, feet
Roadway	8 Augers	6
Pond Area	2 Augers	15
	1 DRI*	1-2
Delineation of Unsuitable Soils	4 Augers	6

* Double Ring Infiltrometer

The pavement condition survey for this section of roadway will be included in the condition survey report for the section of roadway from U.S.-1 to Dyal Road. The pavement condition survey will be a reduced scope from the FDOT guidelines and the ride rating will not be performed. The results of



the pavement condition survey will be provided as a stand alone report or as an appendix of the Roadway Soils Survey Report.

Laboratory classification, index property, organic content, and LBR tests will be performed as necessary on selected soil samples obtained from the exploration. We will provide cores of the existing pavement at every 5th boring location. All roadway borings will be grouted at the completion of drilling. We will also provide signs, cones, and a flagman for traffic control during the field work portion of the project.

A geotechnical engineer, registered in the State of Florida, will direct the geotechnical exploration and provide an engineering analysis and evaluation of the site and subsurface conditions with respect to the planned construction. The results of the exploration and engineering study will then be documented in a roadway soils survey report that will generally follow FDOT standards.

COMPENSATION FOR SERVICES

Based on the scope of the geotechnical exploration, proposed laboratory investigation, and engineering services outlined above, we propose to complete our services for a lump sum fee of \$3,885.00. After approval from the client, any services outside the scope of this proposal will be provided in accordance with the Fee Schedule included as Attachment A.

SCHEDULING AND AUTHORIZATION

We can initiate our geotechnical exploration within 5 to 7 days after receiving notice to proceed. A returned copy of the attached authorization sheet, dated and signed by a responsible signatory, will formally authorize the proposed geotechnical exploration. We estimate the field work will require approximately 1 day to complete. Preliminary verbal results and recommendations can be provided within 1 to 2 days after completion of the field drilling portion of the project. A draft roadway soil survey will be submitted within two to three weeks after completion of all field and laboratory testing for review and comment. After incorporation of your comments, we will then provide the final signed and sealed reports.

We appreciate this opportunity to provide this proposal to perform the geotechnical exploration for this project. If you have any questions concerning this proposal, or if we can serve you in any other way, please contact me.

Sincerely,

ELLIS & ASSOCIATES, INC.

A handwritten signature in cursive script that reads 'Daniel G. Blaydes'.

Daniel G. Blaydes, P.E.

Senior Geotechnical Engineer



Authorization for Geotechnical Services
CR-115 From CSX Crossing to Sandra Lane
Nassau County, Florida
E&A Proposal No. 03JX-0128

Signature of Authorized Representative: _____

Title: _____

Company: _____

Date: _____

Billing and Invoicing Information (if different from addressee)

Contact Person: _____

Title: _____

Company: _____

Address: _____

Telephone: _____ Fax: _____

Special Instructions: _____

A. Staff Engineer \$ 57.00/Hour
 B. Project Engineer \$ 76.00/Hour
 C. Senior Engineer, P.E. \$ 87.00/Hour
 D. Manager of Engineering, P.E. \$ 125.00/Hour
 E. Secretary \$ 37.00/Hour
 F. Drafting CAD \$ 45.00/Hour

III. ENGINEERING SERVICES

A. Natural Moisture Content (ASTM D 2216) \$ 8.00/Test
 B. Percent Fines Content (ASTM D 1140) \$ 27.00/Test
 C. Grain Size Distribution \$ 45.00/Test
 D. Percent Organic Material Content (ASTM D 2974) \$ 30.00/Test
 E. Atterberg Limits (Liquid Limits and Plastic Limits, ASTM D 4318) \$ 65.00/Test
 F. LBR \$ 250.00/Test
 G. Series Corrosion \$ 120.00/Test

II. LABORATORY TESTING

A. Mobilization and Demobilization of Drill Crew and ATV Drill Equipment, Local, Lump Sum \$300.00
 B. Penetration Test Borings (ASTM D 1586) \$ 9.75/L.F.
 C. Auger Borings (ASTM D 1452) \$ 7.50/L.F.
 D. Boring Layout or Difficult Moving \$ 90.00/Hour
 E. Utility Coordination \$ 50.00/Hour
 F. Double Ring Infiltrometer Test \$ 350.00/Test

I. FIELD EXPLORATION

Unit Rate

Geotechnical Exploration and Engineering Services
 CR-115 From CSX Crossing to Sandra Lane
 Nassau County, Florida
 E&A Proposal No. 03JX-0128

FEE SCHEDULE



Hakala & Associates, Inc.

Environmental Consultants

FAX TRANSMISSION

TO : Wayne Reed
COMPANY : R-A-M
FAX NUMBER : 731-5465
DATE : February 26, 2003

NUMBER OF PAGES INCLUDING THIS ONE: 1

RE : Old Dixie Highway Improvements
HAI # : 03-005
FROM : Steve Hakala 

COMMENTS : This FAX provides my cost estimate for the above referenced project located in Nassau County, Florida. The costs for Hakala & Associates, Inc. to assist with wetland permitting services are as follows:

Package 1: \$2,500.00
Package 2: \$12,000.00

These costs assume the project will require a Standard Environmental Resource Permit from the St. Johns River Water Management District and a Nationwide Permit from the U.S. Army Corps of Engineers. These costs do not include the preparation of a wetland mitigation plan.

Please call if you have any questions. Thanks.

Bill Scott

From: Paul Carroll [pccarroll@jccengineers.com]
Sent: Thursday, January 30, 2003 5:39 PM
To: Bill Scott
Subject: RE: Nassau County CR 115 - Old Dixie Highway

Bill: Use \$13,000 for estimated fee to cover site visit and services through final design. Paul C.

-----Original Message-----

From: Bill Scott [mailto:wscott@ramprofessionalgroup.com]
Sent: Wednesday, January 29, 2003 4:12 PM
To: Paul Carroll

Cc: Leona Jipp (File); Frank Gray, P.E.; Wayne Reed
Subject: Nassau County CR 115 - Old Dixie Highway

Paul,

In preparing your fee for the proposed culvert extensions, you will need to add time to perform field inspections of the culverts. This is to verify conditions noted in FDOT's inspection reports (we will submit request to District Two for the reports) but to also confirm if extending the culverts is the most prudent option. In talking with Frank it maybe an option to remove the 3-8'x6' GMPs and replace with concrete boxes. We would need to do a brief memorandum report to document your field review and provide a quite estimate to either extend or replace the culvert; Thanks for your help. I know your interested in visiting Callahan , the hotspot of northeast Florida.

Bill

Attached is a photo of the existing GMP culvert.

Bill Scott

From: William L. Hartmann
Sent: Friday, January 24, 2003 10:43 AM
To: Bill Scott
Subject: RE: Nassau County-CR115 Old Dixie Highway

Bill,
I wrote a scope of services for our work since the County's scope didn't really cover our work. It is attached. The proposed fee is \$9000, with the following breakdown for your information:

Data Collection: \$2000
Analysis/Report \$4700
Meetings/Hearings: \$2000
Mileage/Printing: \$300

Let me know if you need anything else.

Bill

"Bill Scott" <wscott@ramprofessionalgroup.com>

01/23/03 03:57 PM

To: "William L. Hartmann" <bhartmann@kingengineering.com>
cc:
Subject: RE: Nassau County-CR115 Old Dixie Highway

Bill

Just add one more County review/coordination meeting and I think you will be okay.
Thanks for your help.

Bill

-----Original Message-----

From: William L. Hartmann [mailto:bhartmann@kingengineering.com]
Sent: Thursday, January 23, 2003 3:05 PM
To: Bill Scott
Subject: Re: Nassau County-CR115 Old Dixie Highway

Bill,
What do I need to include re: meetings/hearings. I tentatively was going to include one kick-off meeting in Nassau Co (where presumably interested parties/stakeholders would be present), one team meeting at your office and one public hearing at Nassau Co. Is this appropriate or should I include more/less?

Bill Hartmann

1/24/03

SCOPE OF SERVICES

CR 115 Traffic Operational Analysis & Traffic Report

Introduction

This analysis and report will focus on traffic operations of CR 115 from US 1 to Sandra Lane during the AM and PM school peaks of the Callahan Middle School to recommend improvements to school circulation/access and turn lanes along CR 115 and at the intersections.

Data Collection

The following data collection will be conducted:

- 7-9 AM and 2-4 PM Peak Hour Turning Movement Counts at the CR 115 intersections with US 1, three Callahan Middle School driveways and Woodlaw Circle.

Traffic Analysis

Traffic analysis of the existing conditions of the school will be conducted to determine the existing traffic deficiencies along CR 115 from US 1 to Sandra Lane. Historical traffic growth will be reviewed and school officials and Mr. Bill Taylor of the Nassau County Public Works Department will be consulted to determine any adjustments required to be made to existing traffic volumes to project to a design condition. Analysis of the traffic volumes will be conducted to prepare recommendations of improvements to facilitate improvement in the traffic flow on CR 115.

Report

A report will be prepared suitable for submission to Nassau County documenting the results and recommendations of the study.

Meetings

This scope includes a kick-off meeting with Nassau County officials and stakeholders interested in the project, a review/coordination meeting with the County and one public meeting to present the results of the study to the public. It also includes one team meeting at the R-A-M Professional Group office.

Schedule

We anticipate completing the report for submittal to Nassau County within six weeks of receiving Notice to Proceed.

Schedule

The proposed fee for this scope of services is a lump sum of \$9,000.

SCOPE OF SERVICES

CR 115 Traffic Operational Analysis & Traffic Report

Introduction

This analysis and report will focus on traffic operations of CR 115 from US 1 to Sandra Lane during the AM and PM school peaks of the Callahan Middle School to recommend improvements to school circulation/access and turn lanes along CR 115 and at the intersections.

Data Collection

The following data collection will be conducted:

- 7-9 AM and 2-4 PM Peak Hour Turning Movement Counts at the CR 115 intersections with US 1, three Callahan Middle School driveways and Woodlaw Circle.

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Traffic analysis of the existing conditions of the school will be conducted to determine the existing traffic deficiencies along CR 115 from US 1 to Sandra Lane. Historical traffic growth will be reviewed and school officials and Mr. Bill Taylor of the Nassau County Public Works Department will be consulted to determine any adjustments required to be made to existing traffic volumes to project to a design condition. Analysis of the traffic volumes will be conducted to prepare recommendations of improvements to facilitate improvement in the traffic flow on CR 115.

Report

A report will be prepared suitable for submission to Nassau County documenting the results and recommendations of the study.

Meetings

This scope includes a kick-off meeting with Nassau County officials and stakeholders interested in the project, a review/coordination meeting with the County and one public meeting to present the results of the study to the public. It also includes one team meeting at the R-A-M Professional Group office.

Schedule

We anticipate completing the report for submittal to Nassau County within six weeks of receiving Notice to Proceed.

Schedule

The proposed fee for this scope of services is a lump sum of \$9,000.

SURVEY ESTIMATION CHART

Consultant: CLARY & ASSOCIATES, INC.

Rann Professional Group

WPI No

Name of Job: CR 115 (Old Dixie Highway)

State Project No.

From: US 1

FAP No.

To: Dyal Road

Estimator's Name / Date:

Dennis Elswick 1/21/03

Length: 4.5 miles

SURVEY FUNCTIONS*	CREW DAYS	SUB-CO CREW DAYS	COMMENTS
Baseline Control	3		Project Control
Alignment	4		Centerline Survey
Bench Levels	2		Set benchmarks approx 100' +/- intervals
Reference Points	3		reference centerline
Section Line Ties			
Subdivision and Property Ties	5		Locate r/w corners for alignment
Side Street Surveys			
Topography	36		Trees excluded
Cross-Sections / Profiles	4		Verify DTM 100' intervals
Underground Utilities	6		Designate and survey
Special Surveys (ditches, canals, etc.)	2		
Stake Out for Borings			
Water Retention Area			
Supplemental Surveys			
Jurisdictional Line Surveys	4		Locate wetland flags as marked by others
Aerial Targets			
TOTAL	69		

Survey TI Days x (Cost per day) = \$840.00

Survey TI Days x (Cost per day) = \$57,960.00

Subtotal survey cost

\$ 57,960.00

Excessive Travel (CLARY & ASSOC.) X (Cost per day) 31 to 50 miles

X (Cost per day) 31 to 50 miles = \$

Excessive Travel (SUB-CONSULTANT) X (Cost per day) 31 to 50 miles

X (Cost per day) 31 to 50 miles = \$

Project Manager (hourly)

\$ 110.00 x 50 = \$ 5,500.00

Technicians

\$ 75.00 x 210 = \$ 15,750.00

TOTAL SURVEY COST

\$ 79,210.00

(Please sign) Prepared by: Dennis Elswick

Date:

February 25 2003

Comments: Field inspection indicates right-of-way is as shown on existing right-of-way maps.

* (# days per party (8) hours per day - 4 person crew)

http://www.clary.com/masterforms/government/masterforms/survey_estimation_chart



Ellis & Associates inc.

January 30, 2003

Mr. Bill Scott
RAM Professional Group
8298 Bayberry Road, Suite 1
Jacksonville, Florida 32256

Subject: Proposal for Phase I Environmental Site Assessment
CR 115 Corridor Study
Callahan, Nassau County, Florida
E&A Proposal No. 03JX-07019

Dear Mr. Scott:

Ellis & Associates, Inc. (E&A) is pleased to provide this proposal to perform the Phase I Environmental Site Assessment (ESA) for the referenced project.

PROJECT INFORMATION

Based on the information provided, we understand that you are interested in a Phase I ESA for an approximately 0.4 mile length of CR 115 (Old Kings Road) beginning at Lem Turner Road and extending west to the CSX railroad crossing, including the proposed retention pond site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

The purpose of the Phase I Environmental Site Assessment is to evaluate the potential for on-site hazardous substance or petroleum contamination from on-site and off-site sources. We will perform our study consistent with the standards provided in the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (ASTM E-1527). To perform this study, we proposed to:

1. Visually inspect the roadway and planned easement to identify potential sources of any on-site hazardous substance or petroleum product release.
2. Visually inspect (from curbside) and categorize the use of the adjoining properties as potential off-site sources of hazardous substance or petroleum contamination.
3. Review local records to determine historical ownership, usage, and site development through researching some combination of city directories, aerial photographs, and building permits. This may also include interviewing local environmental authorities to identify complaints, violations, citations, or inspections related to the site.

No sampling or analysis of soil or groundwater, asbestos containing materials, radon, or lead-based paint is included as part of this investigation. Likewise, the scope of work for this project does not include investigation for the presence of threatened or endangered species or critical habitat or of wetlands species or conditions.

The report will include our conclusions and recommendations.

7. Following our site visit, records review, and interviews, E&A will prepare the Phase I ESA report. The access and retrieval of any federal, state or local documents related to the scope of work is limited to the availability of records upon request from governmental agencies or commercial sources within the time frame allowed for this project. E&A will make every reasonable effort to obtain this information.

6. Review the chain-of-title report if provided by you or your title company. The chain-of-title report should include information back to 1940, or the first developed use, whichever is earlier. Information regarding the owners' names, dates of ownership, leases, land contracts, easements, liens, and other encumbrances should be included in the chain-of-title report.

No E&A provided chain-of-title report is included as a part of this scope of work. E&A can provide a chain-of-title report at your request.

- a. Underground Storage Tank (UST) list, property and adjoining properties;
- b. Leaking UST (LUST) list;
- c. Solid Waste/Landfills list; and
- d. State lists of hazardous waste sites.

5. Review published state regulatory database records related to potential on-site or off-site (within one-quarter mile of the site, except as noted) sources of hazardous substance or petroleum contamination. Records to be reviewed include:

- a. National Priorities List (NPL);
- b. Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS);
- c. Resource Conservation and Recovery Act (RCRA) - Large and Small Quantity Generators, property and adjoining properties;
- d. RCRA Treatment, Storage and Disposal Facilities (TSDF) list; and
- e. Emergency Response Notification System (ERNS), property only.

4. Review published federal regulatory database records related to potential on-site or off-site (within one-quarter mile of the site, except as noted) sources of hazardous substance or petroleum contamination. Records (or their equivalent) to be reviewed include:





Ellis & Associates inc.

COMPENSATION AND SCHEDULING OF SERVICES

Based on the scope of services outlined above, we propose to provide the engineering services to complete the Phase I Environmental Site Assessments are as follows:

Corridor Phase I ESA	\$ 2,400.00
Pond Site Phase I ESA	\$ 1,900.00
Corridor and Pond Site Phase I ESA (if authorized concurrently).....	\$3,800.00

Please sign the attached authorization form and return it to us to authorize this work. Payment terms are Net 30 days. We are prepared to begin work immediately upon your written authorization. Typically, a three to four week time period will be necessary to complete a project of this scope.

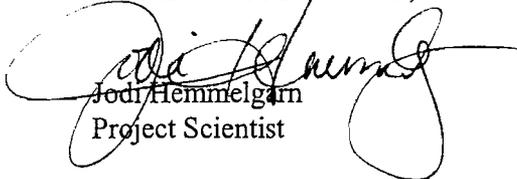
Additionally, to proceed with our study, we will need the property legal description and a site plan or site survey, as well as a site contact name and telephone number to arrange our site on any off-roadway areas.

We will contact you immediately if, during our study, we encounter any evidence of potential on-site hazardous substance contamination that appears to constitute a health and safety danger.

We appreciate this opportunity to provide this proposal to perform the Phase I Environmental Site Assessment for this project. If you have any questions concerning this proposal or if we can serve you in any other way, please contact the undersigned or Scott A. Davidson at (904) 880-0960.

Sincerely,

ELLIS & ASSOCIATES, INC.



Jodi Hemmelgarn
Project Scientist



Ellis & Associates inc.

PROJECT AUTHORIZATION FORM

Authorization for a Phase I Environmental Site Assessment

CR 115 Corridor Study
Callahan, Nassau County, Florida
E&A Proposal No. 03JX-07019

Signature of Authorized Representative: _____

Name (Printed): _____

Title: _____

Company: _____

Date: _____

Send Billing to (Company Name): _____

Company Address: _____

Attention (Person's Name): _____ **E-Mail** _____

Phone No.: _____ Fax No.: _____

Send Report to (Company Name): _____

Address: _____

Attention (Person's Name): _____ **E-Mail** _____

Phone No.: _____ Fax No.: _____

of Report Copies to Send? _____

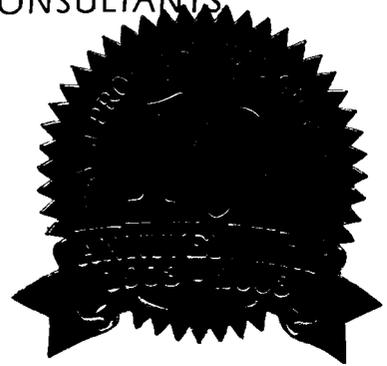
Copies to others? (Attach names and addresses): _____



THE R-A-M PROFESSIONAL GROUP, INC.

ENGINEERING - PLANNING - ENVIRONMENTAL CONSULTANTS

March 27, 2003



Ms. Joyce Bradley
Nassau County County Clerk
220 Nassau Place
Yulee, Florida 32097

Re: Old Dixie Highway Improvements
R-A-M Project No. 203-002-01

Dear Joyce:

Enclosed is the Revised Project Schedule for the Old Dixie Highway Improvements.

We look forward to working with the County on this important project.

Best personal regards,
THE R-A-M PROFESSIONAL GROUP, INC.

Wayne C. Reed
President

WCR:lmj

Enc.



NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
P. O. Box 1010
Fernandina Beach, Florida 32035-1010

Nick Deonas
Ansley Acree
Vickie Samus
Floyd L. Vanzant
Marianne Marshall

Dist. No. 1 Fernandina Beach
Dist. No. 2 Fernandina Beach
Dist. No. 3 Yulee
Dist. No. 4 Hilliard
Dist. No. 5 Callahan

March 27, 2003

J. M. "Chip" OXLEY, JR.
Ex-Officio Clerk

MICHAEL S. MULLIN
County Attorney

WALTER D. GOSSETT
County Coordinator

Mr. Wayne Reed
President
R-A-M Professional Group, Inc.
8298 Bayberry Road
Jacksonville, FL 32256

RE: Old Dixie Highway Improvements Project

Dear Wayne:

Enclosed please find your contract and Notice to Proceed for the above referenced contract.

We have added the Engineering Services Director on Page 13 under Notices.

Nassau County looks forward to working with your firm regarding this project.

Sincerely yours,

J. M. "Chip" Oxley, Jr.
Ex-Officio Clerk

JMO:jb

CC: Ken Ferrin, Engineer
Bill Taylor, Concurrency Coordinator
Dawn Stevenson, Contract Manager
Jose Deliz, Engineering Services Director

MEMORANDUM

TO: WALTER D. GOSSETT, COUNTY COORDINATOR
 ✓MICHAEL S. MULLIN, COUNTY ATTORNEY
 J. M. "CHIP" OXLEY, JR., EX-OFFICIO CLERK
 DAWN STEVENSON, CONTRACT MANAGER

FROM: JOYCE BRADLEY

DATE: FEBRUARY 6, 2003

RE: OLD DIXIE HIGHWAY IMPROVEMENTS CONTRACT
 R-A-M PROFESSIONAL GROUP

Enclosed please find the draft contract and the accompanying documents submitted by Wayne Reed regarding the above project.

Please review and advise if you desire that I coordinate one more meeting with representatives of R-A-M Professional Group.

CC: Ken Ferrin
 Bill Taylor

G.L. 

RETURN BY 2-10-03

CONTRACT SIGN OFF

PROJECT NAME OLD DIXIE HIGHWAY IMPROVEMENT PROJECT # _____

VENDOR RAM PROFESSIONAL GROUP

ADDRESS 8298 Bayberry Road, Suite 1
Jacksonville, FL 32256

CONTRACT AMOUNT \$645,464.66 DATE REC'D 2-5-03

FUNDING SOURCE: _____

DATE TO Ken Ferrin, Engineer REC'D PWD _____
~~PUBLIC WORKS DIRECTOR~~ 2-6-03

DATE TO P.W. CONTRACT MGR 2-6-03 REC'D PWCM _____

DATE TO COUNTY COORDINATOR 2-6-03 REC'D CO COORD _____

DATE TO COUNTY ATTORNEY 2-6-03 REC'D CO. ATTY _____

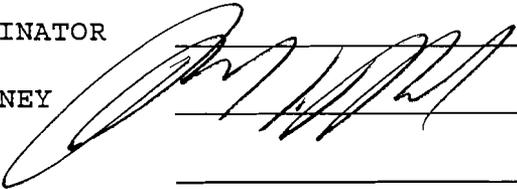
DATE TO CLERK 2-06-03 REC'D CLERK _____

CONTRACT APPROVAL

PUBLIC WORKS DIRECTOR _____ DATE _____

CONTRACT MANAGER _____ DATE _____

COUNTY COORDINATOR _____ DATE _____

COUNTY ATTORNEY  _____ DATE 2/21/03

CLERK _____ DATE _____

APPROVAL BY BOARD OF COUNTY COMMISSIONERS

DATE SENT TO COORDINATOR FOR AGENDA PACKET _____

BOARD MEETING APPROVAL DATE _____

COPY DISTRIBUTION:
TO FINANCE DATE _____
TO VENDOR _____
TO OTHER APPROPRIATE PARTIES _____

PAYMENT & PERFORMANCE BONDS OBTAINED _____

RETURN BY 2-10-03

CONTRACT SIGN OFF

PROJECT NAME OLD DIXIE HIGHWAY IMPROVEMENT PROJECT # _____

VENDOR RAM PROFESSIONAL GROUP

ADDRESS 8298 Bayberry Road, Suite 1
Jacksonville, FL 32256

CONTRACT AMOUNT \$645,464.66 DATE REC'D 2-5-03

FUNDING SOURCE: 25 mil County Transportation

Ken Ferrin, Engineer
DATE TO ~~PUBLIC WORKS DIRECTOR~~ 2-6-03 REC'D PWD _____

DATE TO P.W. CONTRACT MGR 2-6-03 REC'D PWCM _____

DATE TO COUNTY COORDINATOR 2-6-03 REC'D CO COORD _____

DATE TO COUNTY ATTORNEY 2-6-03 REC'D CO. ATTY _____

DATE TO CLERK 2-06-03 REC'D CLERK _____

CONTRACT APPROVAL

PUBLIC WORKS DIRECTOR _____ DATE _____

CONTRACT MANAGER _____ DATE _____

COUNTY COORDINATOR _____ DATE _____

COUNTY ATTORNEY _____ DATE _____

CLERK _____ DATE _____

APPROVAL BY BOARD OF COUNTY COMMISSIONERS

DATE SENT TO COORDINATOR FOR AGENDA PACKET _____

BOARD MEETING APPROVAL DATE _____

COPY DISTRIBUTION:
TO FINANCE DATE _____
TO VENDOR _____
TO OTHER APPROPRIATE PARTIES _____

PAYMENT & PERFORMANCE BONDS OBTAINED _____

Agenda Request For: September 10, 2003

Department: Capital Projects Administration & Engineering Services

Background: Staff requested a proposal from RAM Professional Group to support the County in their efforts to design and build a new driveway entrance to the Callahan Middle School in order to alleviate traffic issues at the school. This was requested as a result of the "Temporary 3rd Turn Lane" being abandoned.

Financial/Economic Impact to Future Years Budgeting Process or Effect on Citizens: Additional services would not have a negative impact on future projects. Funding for additional services would come from the unspent funds within RAM's existing contract.

Action requested and recommendation: Staff requests and recommends that the Board of County Commissioners approve the additional services outlined in RAM's August 15, 2003 letter in the amount of \$8,260.00.

Is this action consistent with the Nassau County Comprehensive Land Use Plan? N/A

Funding Source: Funding for additional services to come from unspent funds within RAM's existing contract.

Reviewed by:

Legal

Finance

Committee *T. K. Smith*

APPROVED

DATE 9/10/03
A



Nassau County Engineering Services
213 Nassau Place
Yulee, Florida 32097

José R. Deliz, P.E.
Director

MEMORANDUM

To: Dawn Stevenson, Capital Projects Manager

From: José R. Deliz, Director of Engineering Services *JD*

Date: August 22, 2003

Subject: R-A-M Proposal August 15, 2003

Attached please find subject proposal in support of the proposed school entrance, Old Dixie Hwy improvements. I had requested this letter to better define the cost associated with their support of our in-house design and construction and how it affects the contract budget. As you can tell, there are still funds available from Phase I of their contract that could be used to provide us with the background data we need.

I recommend that R-A-M be authorized to conduct the services outlined in their attached proposal.

03 AUG 25 AM 8:20
COUNTY COORDINATORS
OFFICE

\\nassps1.nassaucountyfl.com\users\jdeliz\Old
Dixie memo 22AUG03.doc

YULEE
(904) 491-3609
FAX (904) 491-3611

TOLL FREE
1-800-264-2065
1 800-948-3364

HILLIARD
(904) 845-3610
(904) 491-3626
FAX (904) 845-1230



THE R-A-M PROFESSIONAL GROUP, INC.

ENGINEERING - PLANNING - ENVIRONMENTAL CONSULTANTS

August 15, 2003

Via Facsimile: 904-491-3611

Mr. Jose' Deliz, P.E.
Director of Engineering Services
Nassau County Engineering Services
220 Nassau Place
Yulee, Florida 32097

Re: Proposal to Provide Professional Services to
Support County Efforts to Design and Build
New Driveway Entrance to Callahan Middle School
at Morgan Circle
CR 115, Old Dixie Highway Improvements
R-A-M Project No. 203-002-01

Dear Jose:

As a follow-up to my e-mail to you of August 11, 2003, and our telephone conference from Wednesday afternoon, this letter proposal is provided to augment our Old Dixie Highway efforts to assist the County during the design and permitting of improvements at Callahan Middle School and the Old Dixie Highway/Morgan Circle intersection. Specifically **R-A-M** proposes to provide the following:

- Task 1. Define schemes and coordinate same with County and School Board. In addition, provide support to County during its permitting efforts of the improvements to include review and negotiation with SJRWMD on County's behalf.
- Task 2. Provide supplemental geotechnical engineering (Ellis) and surveying (Clary) at School site.
- Task 3. Obtain supplemental traffic counts (King Engineering Associates) to support pavement design (Ellis).
- Task 4. Obtain supplemental wetlands quantification at Morgan Circle, "on-site" stormwater pond mitigation alternatives assessment, and permitting assistance (Hakala).

8298 Bayberry Road, Suite 1 - Jacksonville, Florida 32256
(904) 731-5440 - FAX (904) 731-5465

Mr. Jose' Deliz, P.E.
Director of Engineering Services
Nassau County Engineering Services
R-A-M Project No. 203-002-01
August 15, 2003-----Page 2

R-A-M's fee to complete the above tasks is proposed as a lump sum of \$8,260.00, which is available without increasing the County's overall obligation to R-A-M from unspent funds "frozen" when the original interim improvements were abandoned. In summary:

Original Interim Improvements Fee	\$70,184.48
Billed to Date	- 47,023.60
Unspent Balance	\$23,160.88
This Request	- 8,260.00
REMAINING BALANCE	<u>\$14,900.88</u>

We appreciate your consideration. Please let us know your thoughts on the above.

Best personal regards,
THE R-A-M PROFESSIONAL GROUP, INC.



Wayne C. Reed
President

WCR:lmj

Agenda Request For: February 23, 2004

Department: Capital Projects Administration

Background: During a meeting held on February 4, 2004, RAM Professional Group was asked to provide Nassau County with a proposal complete the design and permitting of driveway improvement Alt. No. 2 at the Callahan Middle School in lieu of driveway improvement Alt. No. 5. Within the two letters attached, RAM explains that there are "unspent" funds within their existing contract which will not be utilized at this time given the Board's direction on January 14, 2004 to stop any further design on the rural portion of the project. If the Board wishes to accept RAM's proposal in the amount of \$8,250.00 to complete the design of Alt. No. 2, RAM recommends that the Board reallocate the unspent funds within the existing contract.

RAM has also submitted a proposal fee for surveying requested which was not included in the surveyor's original scope of work. This additional work consists of providing the county with legal description for the stormwater retention pond and necessary access easement. The amount for the required legal description is \$1,737.75, which RAM is also requesting being paid from within their original contract by reallocating funds.

The following is a breakdown of remaining funds and remaining/proposed work to be completed:

Remaining Contract Balance	\$99,996.82	\$115,367 available budgeted in 03/04 & 2/14/04
Existing Work To Be Completed		
Complete Urban Design	\$42,811.08	
Second Public Hearing	5,554.52	
Hydraulic Report	3,186.83	
Wetlands, Geotech, Utility, etc.	<u>14,950.14</u>	
Subtotal of Existing Work	\$66,602.57	
Proposed Work To Be Completed		
Design Driveway Alt. 2	\$ 8,250.00	
Additional Surv. (Pond Easements)	<u>1,737.75</u>	
Subtotal of Proposed Work	\$ 9,987.00	
Total Existing & Proposed Work Items	\$76,589.57	
Balance of Remaining Funds	\$20,407.25	

3/10/04
Approved Option 5

Financial/Economic Impact to Future Years Budgeting Process or Effect on Citizens: Could have an impact on the budgeting of future projects to be funded by the 103 Fund - .25 Resurfacing.

Action requested and recommendation: Staff requests direction from the Board as to whether or not they wish to have RAM Professional complete the design and permitting of Alt. No. 2 and additional surveying and accept the reallocation of unspent funds within RAM's original contract as presented in the attached spreadsheet prepared by RAM.

Is this action consistent with the Nassau County Comprehensive Land Use Plan? N/A

Funding Source: Reallocation of unspent funds within RAM Professional Groups existing contract.

Reviewed by:

Department Head



Legal

Finance

Administrator



103	CNTY TRANSPORTATION FUND	ORIGINAL	TRANSFRS/ ADJSTMTS	REVISD	BUDGET	YTD EXPND	ENCUMBRANCES	AVAILABLE	USED
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103 CNTY TRANSPORTATION FUND

03451541 OLD DIXIE HWY IMPROVEMENTS

03451541 563365 ENGINEERING & DESIGN SVCS

TOTAL OLD DIXIE HWY IMPROVEMENTS

TOTAL CNTY TRANSPORTATION FUND

TOTAL EXPENSES

GRAND TOTAL

03451541 563365 ENGINEERING & DESIGN SVCS	233,188	0	233,188	117,820.52	115,367.48	50.5%	<i>3218.64</i>	115,367.48	50.5%
TOTAL OLD DIXIE HWY IMPROVEMENTS	233,188	0	233,188	117,820.52	115,367.48	50.5%		115,367.48	50.5%
TOTAL CNTY TRANSPORTATION FUND	233,188	0	233,188	117,820.52	115,367.48	50.5%		115,367.48	50.5%
TOTAL EXPENSES	233,188	0	233,188	117,820.52	115,367.48	50.5%		115,367.48	50.5%
GRAND TOTAL	233,188	0	233,188	117,820.52	115,367.48	50.5%		115,367.48	50.5%



THE R-A-M PROFESSIONAL GROUP, INC.

ENGINEERING - PLANNING - ENVIRONMENTAL CONSULTANTS

February 11, 2004

Mrs. Dawn Stevenson
Nassau County Coordination Administration
220 Nassau Place
Yulee, Florida 32097

Re: CR 115, Old Dixie Highway Improvements
Contract No. NC009-00
Callahan Middle School Driveway Design (Alt. 2)
R-A-M Project No. 203-002-09

Dear Dawn:

This is a follow-up to our meeting with you, Hon. Marianne Marshall, and Cris McConnell held last week during which a request was made for R-A-M to submit a proposal to complete engineering and permitting for driveway Alternate No. 2 (vs. Alternate No. 5 designed by the County) at the Callahan Middle School. The scope for this work would be to obtain necessary additional topographic and wetlands information to allow for the revised alternate to be designed and permitted. Design drawings will include geometric layout, plan and profile, cross section, and details sheets. The design will be integrated into the remaining Old Dixie Highway "urban" design sheets. In addition, SJRWMD permitting (Environmental Resource Permit) will be completed for this improvement along with permitting for the remainder of the Old Dixie Highway "urban" section.

R-A-M proposes to complete this additional work including the above identified sub-consultants for a lump sum fee of \$8,250.00. R-A-M is ready to commence work immediately upon authorization to do so and would expect to have all items within the above scope completed simultaneously with the urban portion of Old Dixie Highway to allow both to bid together prior to summer vacation, pending School Board approval of the revised pond/easements on February 26, 2004. In terms of funding, we would propose to re-allocate funding from tasks that will not be needed for the original Old Dixie Highway Scope/Budget (see separate letter of February 11, 2004 for detail).

Please let me know as soon as possible if the County would like us to proceed on this task.

Best personal regards,
THE R-A-M PROFESSIONAL GROUP, INC.

Wayne C. Reed
President

WCR:lmj

8298 Bayberry Road, Suite 1 - Jacksonville, Florida 32256
(904) 731-5440 - FAX (904) 731-5465

04 FEB 12 PM 2:30

RECEIVED
COUNTY COORDINATORS
OFFICE

MINUTES OF MEETING

To: File 203-002-02
From: Wayne C. Reed *WCR*
Date: February 4, 2004
Location: Nassau County Engineering Services
Subject: CR 115 (Old Dixie Highway) Improvements
R-A-M Project No. 203-002-02

1. Attendees:

Hon. Marianne Marshall, Nassau County
Dawn Stevenson, Nassau County
Cris McConnell, Nassau County School Board
Ric Locquiao, R-A-M
Frank Gray, R-A-M
Wayne Reed, R-A-M

2. School Pond Site:

- a. Easement description should be drawn up by County.
- b. School Board prefers for County to maintain.
- c. Need to miss water and sewer pipes (easement ? - probably not).
- d. OK to move fence a little to west.
- e. Put on February 26th Agenda:
 - Need legal description
 - Clary to do
 - Must do legal by Febraury 15th
 - Will do permanent drainage and maintenance easement

THE R-A-M PROFESSIONAL GROUP, INC.
8298 Bayberry Road, Suite 1
Jacksonville, Florida 32256
(904) 731-5440 - FAX (904) 731-5465

3. Simmons Tract:

- a. OK with Cris but needs dollars for relocating driveway (Alt. 2).
- b. R-A-M to provide fee proposal.

4. Sidewalk:

- a. Have on south side of urban section only except @ Whitfield.
- b. Shift crossing to east.

Action Items:

- 1. Clary do legal description permanent drainage and maintenance, and separate conservation easements.
- 2. Cris to provide as-built of water/sewer on property.
- 3. R-A-M to finish design of pond.
- 4. R-A-M to provide fee proposal to do alternate for Simmons/relocated driveway.
- 5. R-A-M to do cost estimate for Simmons/relocated driveway.
- 6. R-A-M to complete ERP for both urban roadway and either school driveway alternate (needs to define wetlands difference between Alt. 2 and 5).

cc: All Attendees



THE R-A-M PROFESSIONAL GROUP, INC.

ENGINEERING - PLANNING - ENVIRONMENTAL CONSULTANTS

February 11, 2004

Mrs. Dawn Stevenson
Nassau County Coordination Administration
220 Nassau Place
Yulee, Florida 32097

Re: Reallocation of Budgeted Tasks
CR 115, Old Dixie Highway Improvements
Contract No. NC009-00
R-A-M Project No. 203-002-02

04 FEB 12 PM 2:30

RECEIVED
COUNTY COORDINATORS
OFFICE

Dear Dawn:

As a follow-up to our letter dated February 11, 2004 which includes our proposed scope and fee for completing the design and permitting of Callahan Middle School Driveway Alternate 2 vs. Alternate 5, this letter provides a recounting of the project budget and recommends reallocation of same to cover the driveway design and additional expenses associated with the co-located pond at the Callahan Middle School.

By way of recap, the total contract for the Old Dixie Highway project calls for a budget of \$609,116.95. Work completed through February 1, 2004 accounts for \$503,860.13 (see enclosed Invoice No. 12). In addition the Board authorized **R-A-M** to spend \$8,260.00 to support the County in-house design of driveway Alternate No. 5 leaving a current unspent balance of \$96,996.82.

At the January 14, 2004 County Commission meeting **R-A-M** was directed to suspend further work on the rural portion of Old Dixie Highway. At that same meeting the Board expressed interest in pursuing Callahan Middle School Alternate No. 2 as opposed to Alternate No. 5 which had been designed by the County in-house staff. We have also been requested by the School Board staff to modify the proposed location of the joint pond which is to be sited on School Board property, relocate storm pipe adjacent to the bus turnaround area (to avoid damage to the track), provide easement descriptions for the pond and adjacent conservation area, and satisfy additional requirements of CSX Railroad in placing drainage piping to the co-located pond beneath the CSX Railroad tracks. Accordingly, our current direction is to complete the "urban" portion of Old Dixie Highway (US 1 to Bypass Road), design a joint

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(904) 731-5440 - FAX (904) 731-5465

stormwater pond on Callahan Middle School property, and complete necessary SJRWMD permitting for same. This, and the revised school driveway redesign can easily be accommodated within the remaining funding. However, this would mean reallocating a portion of unspent funds from the Package 1 as follows (see detail on attached "Proposed Budget Reallocation"):

1.	Remaining Funds	\$99,996.82
2.	Work to be Done (Existing)	
a.	Complete "Urban" Design	\$42,811.08
b.	Second Public Hearing	\$ 5,554.52
c.	Hydraulic Report	\$ 3,186.83
d.	Wetlands, Geotechnical, Utility Test Holes, ROW Coord.	\$14,950.14
	SUBTOTAL	\$66,602.57
3.	Work to be Done (Proposed)	
a.	Design Driveway Alt. 2	\$ 8,250.00
b.	Additional Surveying (Pond Access/Easements)	\$ 1,737.75
	SUBTOTAL	\$ 9,987.00
	TOTAL	<u>\$76,589.57</u>
	BALANCE	<u>\$20,407.25</u>

By reallocating funding, the County can achieve all immediate objectives and have remaining unspent funding to apply toward completing the rural portion of the project once that work is re-authorized. However, additional funding will be required at that time.

Please let me know at your earliest convenience as to the County's direction on this matter. Thank you.

Best personal regards,
THE R-A-M PROFESSIONAL GROUP, INC.



Wayne C. Reed
President

WCR:lmj



THE R-A-M PROFESSIONAL GROUP, INC.

ENGINEERING - PLANNING - ENVIRONMENTAL CONSULTANTS

INVOICE

Billed To:

Financial Services
Nassau County Board of County Commissioners
P. O. Box 4000
Fernandina Beach, FL 32035

Invoice Number: 12
Invoice Date: February 11, 2004
Contract Number: NC009-00

PROJECT NUMBER PROJECT NAME INVOICE PERIOD

203-002-02 CR 115 Old Dixie Highway Thru Feb. 1, 2004
(From US 1 to Dyal Road) Nassau County, Florida

<u>DESCRIPTION</u>	<u>CUM. % COMPLETE</u>	<u>AMOUNT</u>
1. Base Services Package No. 1 & 2 (Lump Sum) Includes Public Involvement (See Attached) \$343,936.80	76.39%	\$262,717.03
Less Previous Invoiced Amount	72.57	249,594.99
SUBTOTAL		\$ 13,122.04
2. Hydraulics - 2 Locations \$31,868.29	90.00%	\$ 28,681.46
Less Previous Invoiced Amount	90.00	- 28,681.46
SUBTOTAL		\$ 0.00
3. Subcontracts (Total) \$143,345.00 (See Attached)	92.51%	\$132,613.25
Less Previous Invoiced Amount	86.08	-123,392.85
SUBTOTAL		\$ 9,220.00
SUBTOTAL BASIC SERVICES		\$ 22,342.04
4. Optional Services		
Phase 1 Environmental (Ellis) \$3,800.00	0.00%	\$ 0.00
Less Previous Invoiced Amount	0.00	- 0.00
SUBTOTAL		\$ 0.00
ROW Survey & Mapping (Clary) \$78,800.00	99.83%	78,665.00
Less Previous Invoiced Amount	96.83	-78,665.00
SUBTOTAL		\$ 0.00
Utility Test Holes (Clary) \$5,000.00	0.00%	\$ 0.00
Less Previous Invoiced Amount	0.00	- 0.00
SUBTOTAL		\$ 0.00
ROW Coordination & Review (R-A-M) \$2,366.78	50.00%	\$ 1,183.39
Less Previous Invoiced Amount	50.00	- 1,183.39
SUBTOTAL		\$ 0.00
SUBTOTAL OPTIONAL SERVICES		\$ 0.00
TOTAL AMOUNT THIS INVOICE		<u>\$22,342.04</u>

Under the provisions of penalty of Section 837.06 of the Florida Statutes, I do hereby certify to the best of my knowledge that the foregoing is a true and correct statement and the quantum of work upon which this invoice is based has been satisfactorily performed.

Reviewed and Approved by: W. Deliz

Date: Feb. 11, 2004

cc: Ms. Dawn Stevenson
Mr. José Deliz, P.E.

8298 Bayberry Road, Suite 1 - Jacksonville, Florida 32256
(904) 731-5440 - FAX (904) 731-5465

Project Name : C.R. 115 Old Dixie Highway, from US **Contract Number: NC009-00**
Project Number : 203-002-01
Invoice Period : January 1, 2004 to February 1, 2004
Invoice Date : 2/10/2004

	Contract Amount	Percent Complete to Date	Billable Amount	Less Previous Amount Billed	Total Due This Invoice	Balance Unspent
BASIC SERVICES (R-A-M)						
Package No. 1 Design/Assist. Co. Staff	\$70,184.48	67%	\$47,107.82	\$47,107.82	\$0.00	\$14,816.66
Package No. 2 Design	\$262,443.37	80%	\$209,954.70	\$196,832.53	\$13,122.17	\$52,488.67
Public Involvement	\$11,309.03	50%	\$5,654.52	\$5,654.52	\$0.00	\$5,654.52
Total Basic (R-A-M)	\$343,936.88	76.39%	\$262,717.03	\$249,594.87	\$13,122.17	\$72,959.85
Hydraulics Report - 2 locations (R-A-M)	\$31,868.29	90%	\$28,681.46	\$28,681.46	\$0.00	\$3,186.83
BASIC SERVICES (SUBS)						
Design Surveys (Clary)	\$79,210.00	100.00%	\$79,210.00	\$79,210.00	\$0.00	\$0.00
Traffic Analysis (King + Robinson)	\$9,000.00	100.00%	\$9,000.00	\$9,000.00	\$0.00	\$0.00
Geotechnical (Ellis)	\$27,635.00	95.00%	\$26,253.25	\$26,253.25	\$0.00	\$1,381.75
Wetland Flagging (Hakala)	\$14,500.00	50.00%	\$7,250.00	\$7,250.00	\$0.00	\$7,250.00
Structures (Jenkins & Charland)	\$13,000.00	83.85%	\$10,900.00	\$1,679.60	\$9,220.40	\$2,100.00
Subconsultants (Total):	\$143,345.00	92.51%	\$132,613.25	\$123,392.85	\$9,220.40	\$10,731.75
Total Basic Fee:	\$519,150.17	81.67%	\$424,011.74	\$401,669.18	\$22,342.57	\$86,878.43

	Contract Amount	Percent Complete to Date	Billable Amount	Less Previous Amount Billed	Total Due This Invoice	Balance Unspent
OPTIONAL SERVICES						
Phase 1 Environmental (Ellis & Associates)	\$3,800.00	0.00%	\$0.00	\$0.00	\$0.00	\$3,800.00
ROW Survey & Mapping incl 5 Parcels (Clary)	\$78,800.00	99.83%	\$78,665.00	\$78,665.00	\$0.00	\$135.00
Utility Test Holes (Clary)	\$5,000.00	0.00%	\$0.00	\$0.00	\$0.00	\$5,000.00
ROW Coordination & Review (R-A-M)	\$2,366.78	50.00%	\$1,183.39	\$1,183.39	\$0.00	\$1,183.39
Total Optional Services:	\$89,966.78	88.75%	\$79,848.39	\$79,848.39	\$0.00	\$10,118.39

Total Amount: **\$609,116.95** **82.72%** **\$503,860.13** **\$481,517.57** **\$22,342.57** **\$96,996.82**



THE R-A-M PROFESSIONAL GROUP, INC.

ENGINEERING - PLANNING - ENVIRONMENTAL CONSULTANTS

INVOICE

Billed To:

Financial Services
Nassau County Board of County Commissioners
P. O. Box 4000
Fernandina Beach, FL 32035

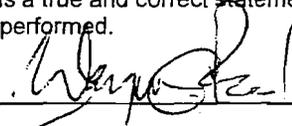
Invoice Number: 12
Invoice Date: February 11, 2004
Contract Number: NC009-00

PROJECT NUMBER PROJECT NAME INVOICE PERIOD

203-002-02 CR 115 Old Dixie Highway Thru Feb. 1, 2004
(From US 1 to Dyal Road) Nassau County, Florida

<u>DESCRIPTION</u>	<u>CUM. % COMPLETE</u>	<u>AMOUNT</u>
1. Base Services Package No. 1 & 2 (Lump Sum) Includes Public Involvement (See Attached) \$343,936.80	76.39%	\$262,717.03
Less Previous Invoiced Amount	72.57	249,594.99
SUBTOTAL		\$ 13,122.04
2. Hydraulics - 2 Locations \$31,868.29	90.00%	\$ 28,681.46
Less Previous Invoiced Amount	90.00	-28,681.46
SUBTOTAL		\$ 0.00
3. Subcontracts (Total) \$143,345.00 (See Attached)	92.51%	\$132,613.25
Less Previous Invoiced Amount	86.08	-123,392.85
SUBTOTAL		\$ 9,220.00
SUBTOTAL BASIC SERVICES		\$ 22,342.04
4. Optional Services		
Phase 1 Environmental (Ellis) \$3,800.00	0.00%	\$ 0.00
Less Previous Invoiced Amount	0.00	- 0.00
SUBTOTAL		\$ 0.00
ROW Survey & Mapping (Clary) \$78,800.00	99.83%	78,665.00
Less Previous Invoiced Amount	96.83	-78,665.00
SUBTOTAL		\$ 0.00
Utility Test Holes (Clary) \$5,000.00	0.00%	\$ 0.00
Less Previous Invoiced Amount	0.00	- 0.00
SUBTOTAL		\$ 0.00
ROW Coordination & Review (R-A-M) \$2,366.78	50.00%	\$ 1,183.39
Less Previous Invoiced Amount	50.00	- 1,183.39
SUBTOTAL		\$ 0.00
SUBTOTAL OPTIONAL SERVICES		\$ 0.00
TOTAL AMOUNT THIS INVOICE		<u>\$22,342.04</u>

Under the provisions of penalty of Section 837.06 of the Florida Statutes, I do hereby certify to the best of my knowledge that the foregoing is a true and correct statement and the quantum of work upon which this invoice is based has been satisfactorily performed.

Reviewed and Approved by: 

Date: Feb. 11, 2004

cc: Ms. Dawn Stevenson
Mr. José Deliz, P.E.

8298 Bayberry Road, Suite 1 - Jacksonville, Florida 32256
(904) 731-5440 - FAX (904) 731-5465

Project Name : C.R. 115 Old Dixie Highway, from US **Contract Number: NC009-00**
Project Number : 203-002-01
Invoice Period : January 1, 2004 to February 1, 2004
Invoice Date : 2/10/2004

	Contract Amount	Percent Complete to Date	Billable Amount	Less Previous Amount Billed	Total Due This Invoice	Balance Unspent
BASIC SERVICES (R-A-M)						
Package No. 1 Design/Assist. Co. Staff	\$70,184.48	67%	\$47,107.82	\$47,107.82	\$0.00	\$14,816.66
Package No. 2 Design	\$262,443.37	80%	\$209,954.70	\$196,832.53	\$13,122.17	\$52,488.67
Public Involvement	\$11,309.03	50%	\$5,654.52	\$5,654.52	\$0.00	\$5,654.52
Total Basic (R-A-M)	\$343,936.88	76.39%	\$262,717.03	\$249,594.87	\$13,122.17	\$72,959.85
Hydraulics Report - 2 locations (R-A-M)	\$31,868.29	90%	\$28,681.46	\$28,681.46	\$0.00	\$3,186.83
BASIC SERVICES (SUBS)						
Design Surveys (Clary)	\$79,210.00	100.00%	\$79,210.00	\$79,210.00	\$0.00	\$0.00
Traffic Analysis (King + Robinson)	\$9,000.00	100.00%	\$9,000.00	\$9,000.00	\$0.00	\$0.00
Geotechnical (Ellis)	\$27,635.00	95.00%	\$26,253.25	\$26,253.25	\$0.00	\$1,381.75
Welland Flagging (Hakala)	\$14,500.00	50.00%	\$7,250.00	\$7,250.00	\$0.00	\$7,250.00
Structures (Jenkins & Charland)	\$13,000.00	83.85%	\$10,900.00	\$1,679.60	\$9,220.40	\$2,100.00
Subconsultants (Total):	\$143,345.00	92.51%	\$132,613.25	\$123,392.85	\$9,220.40	\$10,731.75
Total Basic Fee:	\$519,150.17	81.67%	\$424,011.74	\$401,669.18	\$22,342.57	\$86,878.43

	Contract Amount	Percent Complete to Date	Billable Amount	Less Previous Amount Billed	Total Due This Invoice	Balance Unspent
OPTIONAL SERVICES						
Phase 1 Environmental (Ellis & Associates)	\$3,800.00	0.00%	\$0.00	\$0.00	\$0.00	\$3,800.00
ROW Survey & Mapping incl 5 Parcels (Clary)	\$78,800.00	99.83%	\$78,665.00	\$78,665.00	\$0.00	\$135.00
Utility Test Holes (Clary)	\$5,000.00	0.00%	\$0.00	\$0.00	\$0.00	\$5,000.00
ROW Coordination & Review (R-A-M)	\$2,366.78	50.00%	\$1,183.39	\$1,183.39	\$0.00	\$1,183.39
Total Optional Services:	\$89,966.78	88.75%	\$79,848.39	\$79,848.39	\$0.00	\$10,118.39

Total Amount: **\$609,116.95** **82.72%** **\$503,860.13** **\$481,517.57** **\$22,342.57** **\$96,996.82**



**JENKINS &
CHARLAND**
INCORPORATED
Consulting Engineers

E.I.N. 59-1271536

Structural -- Civil

Invoice

Invoice Number: 35381
Invoice Date: December 31, 2003

To: The R-A-M Professional Group, Inc.
8298 Bayberry Road Suite 1
Jacksonville FL 32256
Attention: Frank E Gray, JR P.E.

Project: 03FTM411 CR115 Old Dixie Hwy

Manager: P Carroll

Professional Services for the Period: 11/25/03 to 12/24/03

Billing Group: 001 Fixed Fee

Purchase Order #:
CR115 Culverts

RECEIVED
JAN 15 2004

Contract Amount:	\$13,000.00
Percent Complete:	73.85%
Fee Earned:	\$9,600.00
Prior Fee Billings:	\$1,679.24
Current Fee Total:	\$7,920.76

OK
to
Pay

Proj #. 203-002-02

FEG

ENTERED
9376



**JENKINS &
CHARLAND**

INCORPORATED
Consulting Engineers

E.I.N. 59-1271536

Structural — Civil

Invoice

Invoice Number: 35565
Invoice Date: January 31, 2004

To: The R-A-M Professional Group, Inc.
8298 Bayberry Road Suite 1
Jacksonville FL 32256
Attention: Frank E Gray, JR P.E.

OK
203-002-02
WCR

Project: 03FTM411 CR115 Old Dixie Hwy

Manager: P Carroll

Professional Services for the Period: 12/25/03 to 1/24/04

Billing Group: 001 Fixed Fee

Purchase Order #:
CR115 Culverts

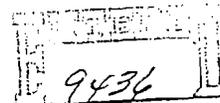
RECEIVED

JAN 31 2004

90% Complete Prior to Suspension of Work

Contract Amount:	\$13,000.00
Percent Complete:	83.85%
Fee Earned:	\$10,900.00
Prior Fee Billings:	\$9,600.00

Current Fee Total: \$1,300.00



Project Name : C.R. 115 Old Dixie Highway, from US **Contract Number:** NC009-00
Project Number : 203-002-01
Date: 2/10/2004

PROPOSED BUDGET RE-ALLOCATION

	Contract Amount	Percent Complete to Date	Billable Amount	Less Previous Amount Billed	Total Due Last Invoice	Current Unspent	Other Committed \$	Proposed Unspent
BASIC SERVICES (R-A-M)								
Package No. 1 Design/Assist. Co. Staff	\$70,184.48	67%	\$47,107.82	\$47,107.82	\$0.00	\$14,816.66	\$0.00	\$14,816.66
Package No. 2 Design/School Pond	\$262,443.37	80%	\$209,954.70	\$196,832.53	\$13,122.17	\$52,488.67	\$42,811.08	\$9,677.60
Driveway Alt. No. 5							\$8,250.00	(\$8,250.00)
Public Involvement	\$11,309.03	50%	\$5,654.52	\$5,654.52	\$0.00	\$5,654.52	\$5,654.52	\$0.00
Total Basic (R-A-M)	\$343,936.88	76.39%	\$262,717.03	\$249,594.87	\$13,122.17	\$72,959.85	\$56,715.60	\$16,244.26
Hydraulics Report - 2 locations (R-A-M)	\$31,868.29	90%	\$28,681.46	\$28,681.46	\$0.00	\$3,186.83	\$3,186.83	(\$0.00)
BASIC SERVICES (SUBS)								
Design Surveys (Clary)	\$79,210.00	100.00%	\$79,210.00	\$79,210.00	\$0.00	\$0.00	\$1,737.00	(\$1,737.00)
Traffic Analysis (King + Robinson)	\$9,000.00	100.00%	\$9,000.00	\$9,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Geotechnical (Ellis)	\$27,635.00	95.00%	\$26,253.25	\$26,253.25	\$0.00	\$1,381.75	\$1,381.75	\$0.00
Wetland Flagging (Hakala)	\$14,500.00	50.00%	\$7,250.00	\$7,250.00	\$0.00	\$7,250.00	\$7,250.00	\$0.00
Structures (Jenkins & Charland)	\$13,000.00	83.85%	\$10,900.00	\$1,679.60	\$9,220.40	\$2,100.00	\$0.00	\$2,100.00
Subconsultants (Total):	\$143,345.00	92.51%	\$132,613.25	\$123,392.85	\$9,220.40	\$10,731.75	\$10,368.75	\$363.00
Total Basic Fee:	\$519,150.17	81.67%	\$424,011.74	\$401,669.18	\$22,342.57	\$86,878.43	\$70,271.18	\$16,607.26

	Contract Amount	Percent Complete to Date	Billable Amount	Less Previous Amount Billed	Total Due Last Invoice	Current Unspent	Other Committed \$	Proposed Unspent
OPTIONAL SERVICES								
Phase 1 Environmental (Ellis & Associates)	\$3,800.00	0.00%	\$0.00	\$0.00	\$0.00	\$3,800.00	\$0.00	\$3,800.00
ROW Survey & Mapping incl 5 Parcels (Clary)	\$78,800.00	99.83%	\$78,665.00	\$78,665.00	\$0.00	\$135.00	\$135.00	\$0.00
Utility Test Holes (Clary)	\$5,000.00	0.00%	\$0.00	\$0.00	\$0.00	\$5,000.00	\$5,000.00	\$0.00
ROW Coordination & Review (R-A-M)	\$2,366.78	50.00%	\$1,183.39	\$1,183.39	\$0.00	\$1,183.39	\$1,183.39	\$0.00
Total Optional Services:	\$89,966.78	88.75%	\$79,848.39	\$79,848.39	\$0.00	\$10,118.39	\$6,318.39	\$3,800.00

Total Amount: \$609,116.95 82.72% \$503,860.13 \$481,517.57 \$22,342.57 **\$96,996.82** **\$76,589.57** **\$20,407.26**

Hakala & Associates, Inc.
Environmental Consultants

Post-It® Fax Note	7671	Date	2/6/04	# of pages	2
To	Wayne Reed	From	Steve Hakala		
Co./Dept.	RAM	Co.	HAI		
Phone #		Phone #	731-7053		
Fax #	731-5465	Fax #			

February 6, 2004

Mr. Wayne Reed
The R-A-M Professional Group, Inc.
8298 Bayberry Road, Suite 1
Jacksonville, FL 32256

Re: Old Dixie Highway Improvements
HAI No.: 03-005.2

Dear Wayne:

This letter provides a proposal to perform a revised scope of services for the referenced project. This proposal supersedes my previous proposal dated February 26, 2003 and our Letter Agreement prepared by you on March 28, 2003. The revised services involve wetland permitting of an alternative access drive to the Callahan Middle School, improvements to the urban section of Old Dixie Highway between U.S. Highway 1 and By-Pass Road, and a stormwater treatment pond and attenuation area on the school property. Wetland permits will be required for these activities from the St. Johns River Water Management District (WMD) and U.S. Army Corps of Engineers (COE). The specific services to be performed by Hakala & Associates, Inc. (HAI) and the proposed fee are as follows:

- 1) Prepare Section E II and Tables 1 and 2 of the Environmental Resource Permit application. Provide wetland and plant community information for the permit drawings. R-A-M will prepare the necessary permit drawings, including 8.5" by 11.0" drawings for the COE.
- 2) Assist with the wetland site reviews performed by either the WMD or COE.
- 3) Prepare responses to the first request for additional wetland related information from the WMD and/or COE.
- 4) Participate in project team meetings related to wetland permitting.

Fees: The lump sum fee to complete the above tasks is \$7,250.00. This fee does not include permit application fees, costs to prepare a mitigation plan or any engineering fees. Specific charges will be calculated on a time and materials basis and will be invoiced monthly. If client for any reason fails to pay the undisputed portion of HAI's invoices within 30 days of presentation, HAI may cease work on the project and client shall waive any claim against HAI, and shall indemnify HAI from and against any claims for injury or loss stemming from HAI's cessation of service, and shall pay as interest an

Mr. Wayne Reed
Revised Proposal – Old Dixie Highway
February 6, 2004
Page 2

additional charge of one-and-one-half (1.5) percent of the past due amount per month. Payment thereafter shall first be applied to accrued interest and then to the unpaid principal.

Limitation of Liability: The only warranty or guaranty made by HAI under this Agreement is that HAI will perform its service using that degree of care and skill ordinarily exercised under similar conditions by reputable members of our profession practiced in the same or similar locality. No other warranty, expressed or implied is made or intended by our proposal or by our oral or written reports. Also, HAI makes no guaranty that the COE and WMD will issue permits for the project.

Please call me if you have any questions about this proposal. If you find it acceptable, please sign in the space below, and return it to me. This proposal is valid for a period of 60 days.

Sincerely,



Stephen P. Hakala, CEP
President

Signed

Date

3:45 It was moved by Commissioner Marshall, seconded by Commissioner Samus, and unanimously carried to continue with Option 5 and not move to Option 2 for the driveway at the Callahan Middle School in the Old Dixie Highway project