

**CHANGE ORDER APPROVAL FORM**

PROJECT: CR 107 / Goffinsville Road

CHANGE ORDER NUMBER: 01

Intersection Improvement Project


DATE: 06/08/10

CONTRACT NUMBER: CM1415-WA03


TO CONTRACTOR: Ayres Associates Inc

Reason for Change Order: Additional coordination and design efforts in solving relevant design and permitting aspects of the project. Revised Project Schedule: Ayres will submit 60% plans within 30 calendar days of Notice to Proceed. Following the County's 60% review comments, final plans and specs will be submitted within 15 calendar days.

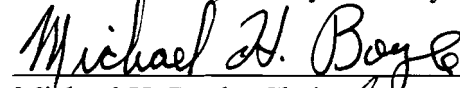
Original Contract Sum.....	\$	<u>49,773.61</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>49,773.61</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>9,309.93</u>
New Contract Sum Including this Change Order.....	\$	<u>59,083.54</u>

APPROVED BY:   
Ted Selby, County Manager

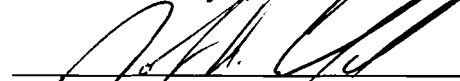
DATE: 6/28/10

APPROVED BY:   
David Hallman, County Attorney

DATE: 6/28/10

APPROVED BY:   
Michael H. Boyle, Chair

DATE: 6/28/10

APPROVED BY:   
John A. Crawford, Clerk of Courts

DATE: 7/1/10

**ATTEST AS TO CHAIRMAN'S  
SIGNATURE ONLY**

*EAK*  
*6/28/10*

June 03, 2010

Jonathan Page, PE  
Project Manager  
Nassau County  
96161 Nassau Place  
Yulee, Florida 32097

Re: CR 107 / Goffinsville Road Intersection Improvements  
Nassau County, FL  
Ayres Project No. 30-1709.00

Subject: Additional Design Services, Revise Project Schedule.

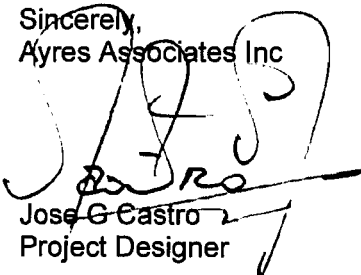
Dear Jonathan:

As requested in your email dated May 25, 2010, and in accordance with previous coordination meetings and final County's design directions, following is the Right-of-Way information, schedule and additional design services needed to complete the project.

1. Right-of-Way Assessments - The conceptual design included a propose Drainage/Utility easement required to accommodate the additional left turn lanes. Based on the District's input obtained during the pre application meeting held on March 08, 2010 and preliminary design, additional easements and/or proposed Right-of-Way are not anticipated.
2. Project Schedule – After NTP is issued by the County and acceptance of the Roadway Design Exception letter is provided, Ayres Associates will submit 60% plans within 30 calendar days, roadway plans will be developed based on the conceptual design provided on May 19, 2010. Following the County's 60% review comments, final plans and specs will be submitted within 15 calendar days.
3. Additional Design Services – Ayres Associates has been working with the County in solving relevant design and permitting aspects of the project (For additional details, please refer to the Design/Construction cost evaluation letter dated April 13, 2010). This coordination and design efforts in regards to evaluating potential solutions to these issues were not anticipated in the approved scope of services dated November 24, 2009. As such, we have developed the attached design fee for your review and approval.

Please contact me and/or Amy Wright should you have any questions or comments.

Sincerely,  
Ayres Associates Inc



Jose G Castro  
Project Designer

Cc: D. Kemp, A. Wright, C. Crews / Ayres



**CR 107 at Goffinsville Road - Additional Design Services  
CONTRACT FEE SUMMARY  
NASSAU COUNTY, FLORIDA**

**PART I - GENERAL**

<b>1. Project</b> CR 107 at Goffinsville Road - 30-1709.00	<b>2. Proposal Number</b> 2
<b>3. Consultant Name</b> Ayres Associates Inc	<b>4. Date of Proposal</b> 6/2/2010

**PART II - LABOR RELATED COSTS**

<b>5. Labor</b>	Hourly Rate	Estimated Hours	Estimated Cost	TOTALS
Principal / Q/A Manager	\$205.02	4	\$ 820.08	
Project Manager	\$131.98	36	\$ 4,751.28	
Roadway Engineer (PE)	\$103.87	0	\$ -	
Roadway Designer (EI)	\$97.26	0	\$ -	
Senior Designer	\$108.41	18	\$ 1,951.38	
Designer	\$88.65	7	\$ 620.55	
CADD Technician	\$82.89	7	\$ 580.23	
Administrative Assistant	\$71.54	2	\$ 143.08	
<b>Total Labor</b>		74		

**PART III - OTHER COSTS**

<b>10. Miscellaneous Direct Costs</b>	Based on	5% of Labor Total		
MISCELLANEOUS DIRECT COSTS SUBTOTAL				\$ 443.33
<b>11. Subconsultants</b>				
SUBCONTRACTS/PREVIOUS SERVICES CREDIT (LUMP SUM) SUBTOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9, 10, and 11)				\$ 9,309.93
<b>12. Reimbursable Costs (Limiting Amount)</b>				
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL REIMBURSABLE COSTS				\$ -

**PART IV - SUMMARY**

<b>TOTAL AMOUNT OF CONTRACT (Lump Sum plus Reimbursables)</b> (Items 5, 6, 8, 9, 10, 11, and 12)	<b>\$ 9,309.93</b>
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**PRIME CONSULTANT  
ESTIMATE OF WORK EFFORT AND FEE  
FINAL DESIGN & PLANS PREPARATION**

CONSULTANT:		Ayres Associates Inc		PROJECT NAME:		CR 107 at Goffinsville Road		LOCATION:		Nassau County		ESTIMATOR NAME / DATE:		Jose Castro					
ACTIVITY	Principal / Q/A Manager		Project Manager		Roadway Engineer (PE)		Roadway Designer (EI)		Senior Designer		Designer		CADD Technician		Administrative Assistant		TOTAL HOURS BY ACTIVITY	SALARY COST BY ACTIVITY	
	RATE =	\$205.02	RATE =	\$131.98	RATE =	\$103.87	RATE =	\$97.26	RATE =	\$108.41	RATE =	\$88.65	RATE =	\$82.89	RATE =	\$71.54			
	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST	STAFF HOURS	LABOR COST			
<b>FINAL DESIGN</b>																			
1.0 Project General Tasks	4	\$ 820.08	12	\$ 1,583.76	0	\$ -	0	\$ -	4	\$ 433.64	0	\$ -	0	\$ -	2	\$ 143.08	22	\$ 2,980.56	
2.0 Roadway Analysis and Plans	0	\$ -	13	\$ 1,715.74	0	\$ -	0	\$ -	10	\$ 1,084.10	5	\$ 443.25	5	\$ 414.45	-1	\$ (71.54)	32	\$ 3,586.00	
3.0 Drainage Analysis and Plans	0	\$ -	8	\$ 1,055.84	0	\$ -	0	\$ -	3	\$ 325.23	2	\$ 177.30	2	\$ 165.78	1	\$ 71.54	16	\$ 1,795.69	
4.0 Utility Coordination	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
5.0 Signing & Pavement Marking	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
6.0 Permitting	0	\$ -	3	\$ 395.94	0	\$ -	0	\$ -	1	\$ 108.41	0	\$ -	0	\$ -	0	\$ -	4	\$ 504.35	
7.0 Bid Phase	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
<b>FINAL DESIGN TOTALS</b>	<b>4</b>	<b>\$ 820.08</b>	<b>36</b>	<b>\$ 4,751.28</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>18</b>	<b>\$ 1,951.38</b>	<b>7</b>	<b>\$ 620.55</b>	<b>7</b>	<b>\$ 580.23</b>	<b>2</b>	<b>\$ 143.08</b>	<b>74</b>	<b>\$ 8,866.60</b>	
<b>PROJECT TOTALS</b>	<b>4</b>	<b>\$ 820.08</b>	<b>36</b>	<b>\$ 4,751.28</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>18</b>	<b>\$ 1,951.38</b>	<b>7</b>	<b>\$ 620.55</b>	<b>7</b>	<b>\$ 580.23</b>	<b>2</b>	<b>\$ 143.08</b>	<b>74</b>	<b>\$ 8,866.60</b>	

**STAFF HOUR SUMMARY**

**CONSULTANT NAME:** Ayres Associates Inc  
**ESTIMATOR NAME:** Jose Castro  
**DATE:** 6/2/2010

**PROJECT NAME:** CR 107 at Goffinsville Road - 30-1709.00  
**LOCATION:** Nassau County  
**RFP NO.:**

TASK NO.	CR 107 at Goffinsville Road	NO. OF SHEETS	TOTAL HOURS	COMMENTS
<b>1.0</b>	<b>Project General Tasks</b>			
	Totals		22	
<b>2.0</b>	<b>Roadway Analysis and Plans</b>			
	Totals		32	
<b>3.0</b>	<b>Drainage Analysis and Design</b>			
	Totals		16	
<b>4.0</b>	<b>Utility Coordination</b>			
	Totals		0	
<b>5.0</b>	<b>Signing &amp; Pavement Marking Analysis &amp; Plans</b>			
	Totals		0	
<b>6.0</b>	<b>Permitting</b>			
	Totals		4	
<b>7.0</b>	<b>Bid Phase Services</b>			
	Totals		0	
	<b>TOTALS:</b>		74	

CONSULTANT NAME:  
ESTIMATOR NAME:  
DATE:

Ayres Associates Inc  
Jose Castro  
6/2/2010

PROJECT NAME:  
LOCATION:

CR 107 at Goffinsville Road - 30-1709.00  
Nassau County

Task No.	Task	Units	No. of Units	Hours / Unit	No. of Sheets	Total Hours	Comments
<b>1</b>	<b>Project General Tasks</b>						
1.1	Notice to Proceed Meeting	LS	0	0		0	
1.2	Project Status Meetings	EA	2	3		6	Previous scope included 8 Hr for 1 meeting 2 attendees (03/02/10), 2 Additional meetings were held on 04/20/10 and 05/12/10.
1.3	Other Coordination Meetings	LS	0	0		0	
1.4	Project Administration	LS	1	16		16	Coordination with subconsultant to determine north widening construction cost.
1.5	QA/QC	LS	0	0		0	
	<b>Project General Subtotal</b>					<b>22</b>	
<b>2</b>	<b>Roadway Analysis and Plans</b>						
2.1	Site Visit	LS	1	4		4	Roadway Designer - North widening field evaluation.
2.2	Key Sheet	Sheet	0	0	0	0	
2.3	Summary of Pay Items / Quantities	Sheet	0	0	0	0	
2.4	General Notes & Typical Section Sheet	Sheet	0	0	0	0	
2.5	Drainage Map	Sheet	0	0	0	0	
2.6	Horizontal / Vertical Master Design Files		1	4		4	Design modification to reduce left turn lane length and add additional left turn onto Santa Juana Road.
2.7	Plan/Profile Sheet	Sheet	2	8	2	16	Developed of two conceptual design plans for the north/south design alternatives.
2.8	Geotechnical Coordination	Sheet	0	0	NA	0	
2.9	Cross Section Design File		0	0		0	
2.10	Cross Sections / Drainage Structures	EA	0	0	0	0	
2.11	Traffic Control Design & Plan Sheets	LS	0	0	0	0	
1.14	Quantities	LS	0	0		0	
1.15	Cost Estimate	LS	1	8		8	Design/Construction cost evaluation for the north/south design alternative
	<b>Roadway Analysis and Plans Subtotal</b>				<b>2</b>	<b>32</b>	
<b>3</b>	<b>Drainage Analysis and Plans</b>						
3.1	Design of Cross Drains	EA	0	0		0	
3.2	Design of Roadway Ditches	LS	0	0		0	
3.3	Drainage Design Documentation Report	LS	1	16		16	Search As-Builts, wetland and permitting info to evaluate the north widening design alternative.

CONSULTANT NAME:  
ESTIMATOR NAME:  
DATE:

Ayres Associates Inc  
Jose Castro  
6/2/2010

PROJECT NAME:  
LOCATION:

CR 107 at Goffinsville Road - 30-1709.00  
Nassau County

Task No.	Task	Units	No. of Units	Hours / Unit	No. of Sheets	Total Hours	Comments
3.4	Technical Meetings	LS	0	0		0	
3.5	Field Reviews	LS	0	0		0	
	<b>Drainage Analysis and Design Subtotal</b>					16	
<b>4</b>	<b>Utility Coordination</b>						
4.1	Make Utility Contacts	EA	0	0		0	
4.2	Review Utility Mark-ups	LS	0	0		0	
4.3	Utility Coordination / Followup	LS	0	0		0	
	<b>Utility Coordination Subtotal</b>					0	
<b>5</b>	<b>Signing &amp; Pavement Marking Analysis &amp; Plans</b>						
5.1	Reference and Master Design File Setup	LS	0	0		0	
5.2	General Notes Sheet	EA	0				
5.3	Plan Sheet	EA	0	0	0	0	
	<b>Signing &amp; Pavement Marking Analysis &amp; Plans Subtotal</b>					0	
<b>6</b>	<b>Permitting</b>						
6.1	NPDES Permitting	LS	0	0		0	
6.2	SJRWMD Permitting	LS	1	4		4	Permitting evaluation for the north widening design alternative
	<b>Permitting Subtotal</b>					4	
<b>7</b>	<b>Bid Phase Services</b>						
7.1	Prepare Bid Package	LS	0	0		0	
7.2	Bid Phase RFI's	LS	0	0		0	
	<b>Bid Phase Subtotal</b>					0	

**CONSULTANT NAME:**  
**ESTIMATOR NAME:**  
**DATE:**

Ayres Associates Inc  
Jose Castro  
6/2/2010

**PROJECT NAME:**  
**LOCATION:**

CR 107 at Goffinsville Road - 30-1709.00  
Nassau County

Task No.	Task	Units	No. of Units	Hours / Unit	No. of Sheets	Total Hours	Comments
<b>8</b>	<b>Post Design Services</b>						
8.1	Shop Drawing Review	LS	0	0		0	
8.2	Contractor RFI's	LS	0	0		0	
8.3	As-Built Review and Certification	LS	0	0		0	
8.4	Notice of Termination Filing	LS	0	0		0	
	<b>Post Design Services Subtotal</b>					0	



