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**GEE & JENSON**

Engineers-Architects-Planners, Inc.

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Jacksonville, Florida 32256  
Telephone (904) 292-9097  
Fax (904) 292-4206

March 17, 1993

William Lecher, P.E.  
Nassau County Engineer  
2290 South 8th Street  
Fernandina Beach, FL 32034

Re: Sadler Road/14th Street Improvements

Dear Mr. Lecher:

We are pleased to present this proposal for additional work as a supplement to our Agreement for engineering services on the referenced project.

A. Plans, Permits and Site Acquisition for 3 Stormwater Retention Ponds

1. Scope of Work: We propose to furnish the work listed on the attached task breakdown for the three proposed retention ponds (Pond 1, 2, and 3) shown on the attached map. The purpose of this work is to enable acquisition of the land sites required for stormwater retention following permit approval by SJRWMD. We will work with County staff to acquire the most cost effective sites compatible with environmental restrictions.
2. Fee & Schedule: We propose to provide this work within 120 days from notice to proceed. Our fee would be in accordance with the hourly rate schedule established in the Agreement at a cost not to exceed \$30,630 (see attached estimate).

B. Drainage Outfall Analysis

1. Scope of Work: Drainage from Sadler Road/S. 14th Street improvements and more specifically the stormwater retention pond outfalls enter branches of either Jackson's Creek or Eagen's Creek. It is of concern that as development occurs, including additional roadway drainage from Sadler/14th Street improvements, that these outfalls will be subject to flooding and resultant damage to adjacent properties. This analysis will guide the County in establishing requirements for development. The specific tasks are indicated on the attached breakdown, and the study area on the attached map.

William Lecher, P.E.  
Nassau County  
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2. Fee and Schedule: We propose to furnish this work within 150 days from notice to proceed. Our fee would be in accordance with the hourly rate schedules established in the Agreement at a cost not to exceed \$10,660.

C. Plans and Permits for Improvement of Sadler Road from Susan Drive to Will Hardee Road

1. Scope of Work: We propose to study the feasibility of using an existing parcel of ground on the east side of Will Hardee Road approximately 400' north of Sadler Road. If feasible, then roadway plans would be revised and permits obtained for widening of Sadler Road from the limit of the existing 5-lane improvement to a limit of work approximately 400'+ east of Will Hardee Road (total length 2200'). The purpose of this work would be to enable an extension of the existing widening of Sadler Road and would require a 4th retention pond (Pond 4) in addition to the 3 ponds previously proposed. Tasks are listed on the attached breakdown.
2. Fee & Schedule: We propose to furnish this work within 120 days from Notice To Proceed. Our fee would be in accordance with the hourly rates previously established at a cost not to exceed \$12,573.00 (see attached estimate).

If you have any questions regarding this proposal, please contact us. We thank you for your consideration.

Sincerely yours,



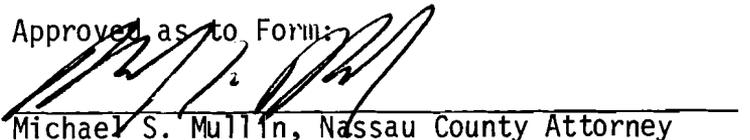
Harry W. Skahn, P.E.  
Project Manager

HWS:sd  
attach

Approved by the Board of County Commissioners  
this 12th day of April, 1993.

  
James E. Testone, Chairman BCC, Nassau County

Approved as to Form:

  
Michael S. Mullin, Nassau County Attorney

ATTEST:

  
T. J. GREESON, EX-OFFICIO CLERK

**SK OUTLINE AND COST PRICE SUMMARY**

Project Name: Nassau County Sadler Road/14th Street Retention Ponds  
 Plans, Permits and Site Aquisition  
 Project Number: 50101 <sup>(A)</sup>

**LABOR COSTS**

Work Breakdown (Three Locations)	Man Hours/Hourly Rate				Costs
	PM \$85.00	ENG \$65.00	DR \$50.00	WP \$25.00	
1 Preliminary Drainage/Pond Design	2	12	0	0	\$950.00
2 Alternate Pond Siting Study	12	26	6	1	\$3,035.00
3 Environmental Assessment	4	24	6	1	\$2,225.00
4 Meet With Developer/ROW Appraiser	8	0	0	0	\$680.00
5 Survey and Soils Coordination	2	4	0	0	\$430.00
6 Final Drainage/Pond Design	6	18	0	1	\$1,705.00
7 Prepare Construction Plans	6	12	60	0	\$4,290.00
8 Prepare Permit Application (2)	4	8	6	2	\$1,210.00
9 Meet With County Staff	8	0	0	0	\$680.00
10 Submit Permit Application (2)	4	16	0	1	\$1,405.00
11 Coordination for ROW Acquisition	8	0	0	1	\$705.00
<b>Subtotal Manhours</b>	<b>64</b>	<b>120</b>	<b>78</b>	<b>7</b>	

**Subtotal Labor Costs**

Project Manager	\$5,440.00
Engineer, Designer	\$7,800.00
Drafter	\$3,900.00
Secretary	\$175.00
<b>Subtotal Labor Costs</b>	<b>\$17,315.00</b>

**REIMBURSIBLE COSTS**

	Quantity	Unit	Price	Cost
Auto Mileage	900	MI.	\$0.33	\$297.00
Blue Printing	180	EA	\$0.75	\$135.00
Copying	300	COPY	\$0.10	\$30.00
Postage	1	LS	\$30.00	\$30.00
Computer Work Station	78	HR	\$8.00	\$624.00
Surveyor	1	LS	\$7,200.00	\$7,200.00
Geotechnical Investigation	1	LS	\$5,000.00	\$5,000.00
<b>Subtotal Reimbursible Costs</b>				<b>\$13,316.00</b>

**PROPOSED PRICE** **\$30,631.00**

**SK OUTLINE AND COST PRICE SUMMARY**

Project Name: Nassau County Sadler Road/14th Street  
 Drainage Outfall Analysis  
 Project Number: 50101(B)

**LABOR COSTS**

Work Breakdown	Man Hours/Hourly Rate				Costs
	PM \$85.00	ENG \$65.00	DR \$50.00	WP \$25.00	
1 Field Investigation	4	4	0	0	\$600.00
2 Data Collection/Field Survey	4	8	4	1	\$1,085.00
3 Drainage Calculations	4	12	0	0	\$1,120.00
4 Analyze Existing Conditions	6	12	6	0	\$1,590.00
5 Analyze Future Conditions	6	12	6	0	\$1,590.00
6 Prepare Drainage Report	12	12	8	4	\$2,300.00
<b>Subtotal Manhours</b>	<b>36</b>	<b>60</b>	<b>24</b>	<b>5</b>	

**Subtotal Labor Costs**

Project Manager	\$3,060.00
Engineer, Designer	\$3,900.00
draftsman	\$1,200.00
Secretary	\$125.00
<b>Subtotal Labor Costs</b>	<b>\$8,285.00</b>

**REIMBURSIBLE COSTS**

	Quantity	Unit	Price	Cost
Auto Mileage	360	MI.	\$0.33	\$118.80
Blue Printing	30	EA	\$0.75	\$22.50
Copying	200	COPY	\$0.10	\$20.00
Postage	1	LS	\$25.00	\$25.00
Computer Work Station	24	HR	\$8.00	\$192.00
Surveyor	1	LS	\$2,000.00	\$2,000.00
<b>Subtotal Reimbursible Costs</b>				<b>\$2,378.30</b>

**PROPOSED PRICE** **\$10,663.30**

ASK OUTLINE AND COST PRICE SUMMARY

Project Name: Plans and Permits for Improvements to Sadler Road  
 From Susan Drive to Will Hardee Road  
 Project Number: 50101 - ©

LABOR COSTS

Work Breakdown (Three Locations)	Man Hours/Hourly Rate				Costs
	PM \$85.00	ENG \$65.00	DR \$50.00	WP \$25.00	
1 Preliminary Drainage/Pond Design	1	6	0	0	\$475.00
2 Environmental Assessment	2	8	4	1	\$915.00
3 Survey and Soils Coordination	1	2	0	0	\$215.00
4 Final Drainage/Pond Design	4	12	0	1	\$1,145.00
5 Prepare Construction Plans for Pond	4	8	32	0	\$2,460.00
6 Prepare Permit Application (2)	2	4	3	2	\$630.00
7 Meet With County Staff	4	0	0	0	\$340.00
8 Submit Permit Application (2)	2	8	0	1	\$715.00
9 Revise Construction Plans for Roadway	4	12	16	1	\$1,945.00
Subtotal Manhours	24	60	55	6	

Subtotal Labor Costs

Project Manager	\$2,040.00
Engineer, Designer	\$3,900.00
Drafter	\$2,750.00
Secretary	\$150.00
	<hr/>
	\$8,840.00

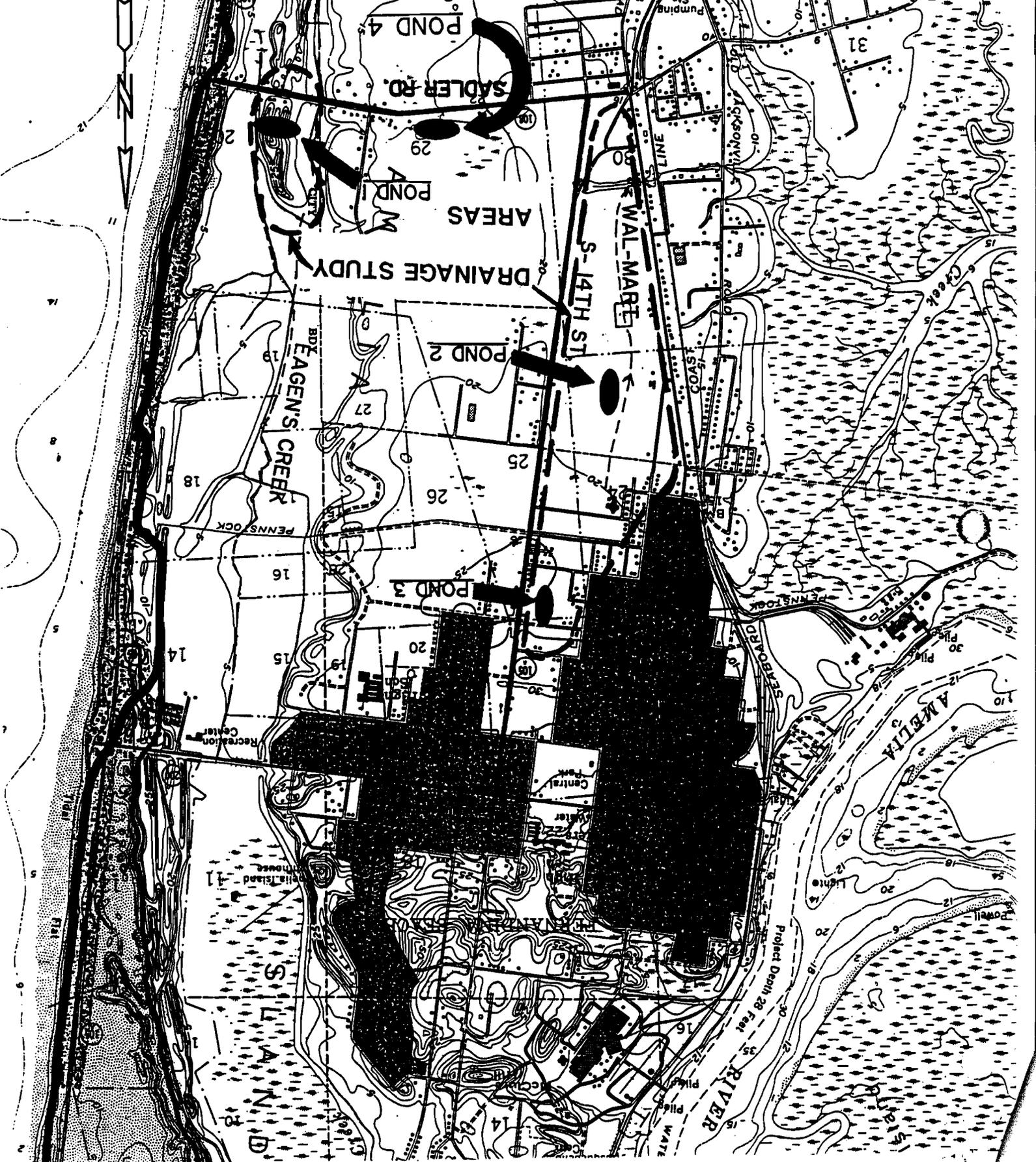
REIMBURSIBLE COSTS

	Quantity	Unit	Price	Cost
Auto Mileage	200	MI.	\$0.33	\$66.00
Blue Printing	90	EA	\$0.75	\$67.50
Copying	300	COPY	\$0.10	\$30.00
Postage	1	LS	\$30.00	\$30.00
Computer Work Station	55	HR	\$8.00	\$440.00
Surveyor	1	LS	\$1,600.00	\$1,600.00
Geotechnical Investigation	1	LS	\$1,500.00	\$1,500.00

Subtotal Reimbursible Costs \$3,733.50

PROPOSED PRICE \$12,573.50

SCALE: 1" = 2000'



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Card #78:04/12/93 Regular Session:widening of Sadler Road and 14th Street. The

area. Mayor Coleman stated that she felt that the City Commission may be agreeable to this proposal and that she would take it back to the full commission. Commissioner Crawford made motion that the Board reconsider the previous vote taken regarding the funding of a study for water retention at 14th Street and Sadler Road from District 501 Transportation Impact Fee Funds. Motion seconded by Commissioner Higginbotham, District 1, and voted unanimously. Commissioner Crawford made motion approving a study for water retention sites for future widening of Sadler Road and 14th Street on a 50/50 cost share with the City of Fernandina Beach for a total cost of the study being \$53,867.80, with the county's half (\$26,933.90) being funded from District 501 Transportation Impact Fee funds. Motion seconded by Commissioner Branan and voted unanimously.

Ms. Carolyn Fitz, Librarian, appeared before the Board and

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