

received
10/13/92



October 12, 1992

Mr. William Lecher, P.E.
Nassau County Engineer
2290 South 8th Street
Fernandina Beach, FL 30234

RE: Additional Design Services Proposal
Drainage/Hydraulics Design - Tommy Ford Road
Nassau County, Florida
PH&A Project No. 9208-2

Dear Mr. Lecher:

This proposal is submitted in accordance with the Agreement for Professional Services between Nassau County, Florida and Pitman-Hartenstein & Assoc., Inc. Engineers.

Upon approval, this proposal shall serve as Project Authorization for Additional Design Services for performing a drainage/hydraulics study for the Thomas Creek crossing of Tommy Ford Road.

The following is a scope of work and method of payment to be used for each task to be completed as a part of this proposal:

ADDITIONAL SERVICES - SCOPE OF SERVICES

Task 1 Surveying Services:

Provide necessary field surveys to obtain cross sections of Thomas Creek immediately upstream from Tommy Ford Road. Also included will be field verification to determine the Thomas Creek drainage basin.

Task 2 Engineering Services:

Provide engineering services for the hydraulic and hydrologic analysis of Thomas Creek at Tommy Ford Road. Included will be a report detailing the findings of the analysis, a recommendation of a preferred crossing solution (i.e., a bridge or a culvert) and a cost analysis of various alternatives.

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ADDITIONAL SERVICES - METHOD OF PAYMENT

Compensation for work completed for Additional Services as outlined in the Scope of Services will be paid for in a lump sum amount for each task listed therein. These fees are broken down as follows:

Task 1	Surveying Service	\$750.00
Task 2	Engineering Services	<u>6,500.00</u>
	TOTAL AMOUNT	7,250.00

INVOICING

Monthly invoices will be prepared and presented to the County Engineer for payment. Payment for work completed on a lump sum basis will be calculated in accordance with percent complete. Payment is due within 30 days of date of invoice.

SCHEDULE OF COMPLETION

Work on this project will commence immediately upon approval of this Project Authorization.

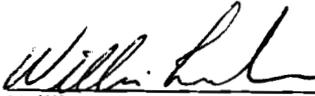
CONCLUSION

Thank you for the opportunity to continue to serve Nassau County. We look forward to the successful completion of this project.

Sincerely,

E.H. Pitman, Jr., P.E.
President

APPROVAL:


William Lecher, P.E.
Nassau County Engineer


E.H. Pitman, Jr., P.E.
Pitman-Hartenstein & Assoc., Inc.

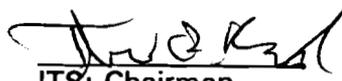
Nov. 18, 1992
Date

10-12-92
Date

Attest

Board of County Commissioners


Title: Ex-Officio Clerk


ITS: Chairman

11-16-92
Date

11-16-92
Date

Approved as to Form
by the County Attorney



REVIEWED 11-16 1992 PSM
DATE INITIAL

Rec'vd. by CCC 11-18 1992 JRC
DATE INITIAL

Board Meeting 11-16 1992
DATE

March 15, 1993

Mr. William Lecher, P.E.
Nassau County Engineers
2290 South 8th Street
Fernandina Beach, FL 32043

RE: Murrhee Road Bridge
Bridge #744301 over Little St. Mary's River
Nassau County, Florida
PH&A Project No. M-725

Dear Mr. Lecher:

This proposal is submitted in accordance with the Agreement for Professional Services between Nassau County, Florida and Pitman-Hartenstein & Associates, Inc., Engineers.

We are submitting proposals for two possible alternates. Alternate #1 is based on replacing only two (2) of the existing interior timber bent caps. However, if your inspection finds additional interior bent caps needing to be replaced or if the County wishes to replace all the interior bent caps at this time, we have included Alternate #2.

Additionally, please be advised these fees are based on finding no additional problems than those sited in the previous inspection report. If additional deficiencies are found in our inspection that require correction, our proposal would be subject to change.

SCOPE OF WORK

- Task 1 Initial Inspection: Field inspect the existing structure to verify inspection report and to determine if any further deterioration has occurred.
- Task 2 Remediation and Determination: Develop alternate repair schemes and determine which to be the most cost effective.
- Task 3 Construction Plans and Notes: Develop letter size plans and notes for each cap replacement.
- Task 4 Provide pre-construction services as follows:
 - A) Respond to questions/issue addenda
 - B) Attend pre-bid meeting



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Task 5 Construction Engineering and Inspection (C.E.I.): Provide C.E.I. Services during construction. Verify work and materials used are per plans.

Task 6 Load Rating Certification: Provide documentation and calculations of new load rating after repairs are complete.

METHOD OF PAYMENT

Compensation for work completed as outlined in the Scope of Services will be paid for in a lump sum amount for each task listed therein. These fees are broken down as follows:

Alternate #1 - Replace two (2) interior timber bent caps

Task 1	Initial Inspection	\$1,400.00
Task 2	Remediation and Determination	\$1,800.00
Task 3	Construction Plans and Notes	\$7,800.00
Task 4	Pre-Construction Services	\$2,040.00
Task 5	C.E.I.	\$1,680.00
Task 6	Load Rating Certification	<u>\$1,800.00</u>
	TOTAL	\$16,520.00

Alternate #2 - Replace four (4) interior timber bent caps

Task 1	Initial Inspection	\$1,400.00
Task 2	Remediation and Determination	\$1,800.00
Task 3	Construction Plans and Notes	\$10,050.00
Task 4	Pre-Construction Services	\$2,040.00
Task 5	C.E.I.	\$3,920.00
Task 6	Load Rating Certification	<u>\$1,800.00</u>
	TOTAL	\$21,010.00

INVOICING

Monthly invoices will be prepared and presented to the County Engineer for payment. Payment for work completed on a lump sum basis will be calculated in accordance with percent complete. Payment is due within 30 days to date of invoices.

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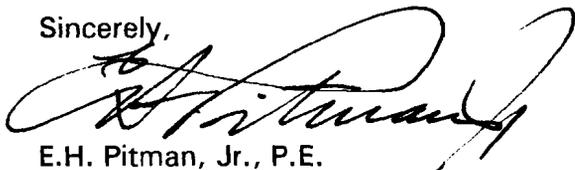
SCHEDULE OF PAYMENT

Work on the project will commence immediately upon approval of this Project Authorization.

CONCLUSION

Thank you for the opportunity to continue to serve Nassau County. We look forward to the successful completion of this project.

Sincerely,

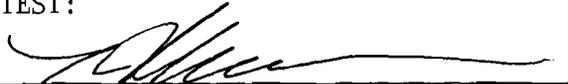


E.H. Pitman, Jr., P.E.
President

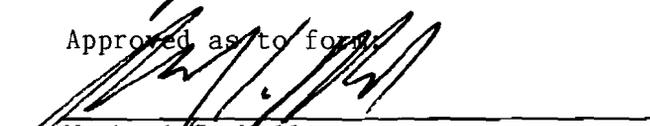
EHP:kml

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

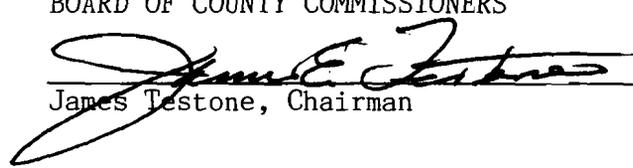
ATTEST:


T. J. Greeson, Ex-Officio Clerk

Approved as to form:


Michael S. Mullin
County Attorney

BOARD OF COUNTY COMMISSIONERS


James Testone, Chairman