

Contract No. _____
F.E.I.D. No. _____

STANDARD CONSULTANT AGREEMENT

THIS AGREEMENT, made and entered into this 27th day of June, 1989, by and between NASSAU COUNTY, an agency of the State of Florida, hereinafter called the County and Gee & Jenson Engineers-Architects-Planners, Inc. of 4651 Salisbury Road, Suite 360, Jacksonville, Florida 32216 duly authorized to conduct business in the State of Florida, hereinafter called the Consultant.

That the County did determine that the Consultant is fully qualified to render the services contracted.

W I T N E S S E T H:

1.00 The County does hereby retain the Consultant to furnish certain services in connection with 14th Street and Sadler Road.

2.00 The Consultant and the County mutually agree to furnish, each to the other, the respective services, information and items as described in Exhibit "A", attached hereto and made a part hereof.

Before any additions or deletions to the work described in Exhibit "A", and before undertaking any changes or revisions to such work, the parties shall negotiate any necessary cost changes and shall enter into a Supplemental Agreement covering such modifications and the compensation to be paid therefor.

Reference herein to this Agreement shall be considered to include any supplemental thereto.

3.00 The services to be rendered by the Consultant shall be commenced, subsequent to the execution of this Agreement, upon written notice from the County Engineer, and shall be completed within twenty-four (24) months from the date of Notice to Proceed.

4.00 The Consultant agrees to provide Project Schedule progress reports in a format acceptable to the County and at intervals established by the County. The County will be entitled at all times to be advised, at its request, as to the status of work being done by the Consultant and of the details thereof. Coordination shall be maintained by the Consultant with representatives of the County, or of other agencies interested in the project on behalf of the County. Either party to the Agreement may request and be granted a conference.

5.00 In the event there are delays on the part of the County as to the approval of any of the materials submitted by the Consultant or if there are delays occasioned by circumstances beyond the control of the Consultant which delay the project Schedule completion date, the County may grant to the Consultant, by "Letter of Time Extension" an extension of the contract time, equal to the aforementioned delays, provided there are no changes in compensation or scope of work.

It shall be the responsibility of the Consultant to ensure at all times that sufficient contract time remains with which to complete services on the project. In the event there have been delays which would affect the project completion date, the Consultant shall submit a written request to the County which identifies the reason(s) for the delay and the amount of time related to each reason. The County will review the request and make a determination as to granting all or part of the requested extension.

In the event contract time expires and the Consultant has not requested, or if the County has denied, an extension of the completion date, partial progress payments will be stopped on the date time expires. No further payment for the project will be made until a time extension is granted or all work has been completed and accepted by the County.

6.00 The Consultant shall maintain an adequate and competent professional staff within the State of Florida and may associate with it such specialists, for the purpose of its services hereunder, without additional cost to the county, other than those costs negotiated within the limits and terms of this Agreement. Should the Consultant desire to utilize specialists, the Consultant is fully responsible for satisfactory completion of all subcontracted work.

7.00 All final plans, documents, reports, studies and other data prepared by the Consultant will bear the endorsement of a person in the full employ of the Consultant and duly registered in the appropriate professional category.

7.10 After the County's acceptance of final plans and documents, the original set of Consultant's drawings, tracings, plans and maps will be provided to the County, along with one record set of full size prints. The Consultant shall signify, by affixing an endorsement (seal/signature, as appropriate) on every sheet of the record set, that the work shown on the endorsed sheets was produced by the Consultant. With the tracings and the record set of prints, the Consultant shall submit a final set of design computations. The computations shall be bound in an 8-1/2" x 11" format and shall be endorsed (seal/signature, as appropriate) by the Consultant. Refer to Exhibit "A" for the computation data required for this Consultant Agreement.

7.20 The Consultant shall not be liable for use by the County for said plans, documents, studies or other data for any purpose other than intended by the terms of this Consultant Agreement.

8.00 All tracings, plans, specifications, maps, and/or reports prepared or obtained under this Agreement shall be considered works made for hire and shall become the property of the County without restriction or limitation on their use; and shall be made available, upon request, to the County at any time. The County will have the right to visit the site for inspection of the work and the drawings of the Consultant at any time. Unless changed by written agreement of the parties, said site shall be 4651 Salisbury Road Suite 360, Jacksonville, Florida 32216-6187. Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the County at all times during the period of this Agreement and for three years after final payment is made. Copies of these documents and records shall be furnished to the County upon request.

Records of costs incurred includes the Consultant's general accounting records and the project records, together with supporting documents and records, of the Consultant and all subconsultants performing work on the project, and all other records of the Consultant and subconsultants considered necessary by the County for a proper audit of project costs.

The general cost principles and procedures for the negotiation and administration, and the determination or allowance of costs under this contract shall be as set forth in the Code of Federal Regulations, Titles 23, 48, 49, and other pertinent Federal and State Regulations, as applicable, with the understanding that there is no conflict between State regulations and Federal regulations in that the more restrictive of the applicable regulations will govern.

The Consultant shall allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the Consultant in conjunction with this Agreement. Failure by the Consultant to grant such public access shall be grounds for immediate unilateral cancellation of this Agreement by the County.

9.00 The Consultant shall comply with all federal, state and local laws and ordinances applicable to the work or payment for work thereof, and shall not discriminate on the grounds of race, color, religion, sex, or national origin in the performance of work under this contract.

10.00 The County agrees to pay the Consultant compensation as detailed in Exhibit "B", attached hereto and made a part hereof. Bills for fees or other compensation for services or expenses shall be submitted to the County in detail sufficient for a proper preaudit and postaudit thereof.

11.00 The County may terminate this Agreement in whole or in part at any time the interest of the County requires such termination.

11.10 If the County determines that the performance of the Consultant is not satisfactory, the County shall have the option of (1) immediately terminating the Agreement or (b) notifying the Consultant of the deficiency with a requirement that the deficiency be corrected within a specified time, otherwise the Agreement will be terminated at the end of such time.

11.20 If the County requires termination of the Agreement for reasons other than unsatisfactory performance of the Consultant, the County shall notify the Consultant of such termination, with instructions as to the effective date of termination or specify the stage of work at which the Agreement is to be terminated.

11.30 If the Agreement is terminated before performance is completed, the Consultant shall be paid for the work satisfactorily performed. Payment is to be on the basis of substantiated costs, not to exceed an amount which is the same percentage of the contract price as the amount of work satisfactorily completed is a percentage of the total work called for by the Agreement.

12.00 All services shall be performed by the Consultant to the satisfaction of the County Engineer and he shall decide all questions, difficulties and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount and value thereof; and his decision upon all claims, questions and disputes shall be final and binding upon the parties hereto. Adjustments of compensation and contract time because of any major changes in the work that may become necessary or desirable as the work progresses shall be left to the absolute discretion of the County Engineer and supplemental agreement(s) of such a nature as required may be entered into by the parties in accordance herewith.

13.00 All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.

14.00 In the event the work covered by this Agreement includes the preparation of construction plans, it is understood that the work may be divided into two or more construction projects by the County Engineering and that, if this is done, the Consultant will supply construction plans for each project.

15.00 Neither COUNTY nor any of its agencies will be liable under this section for damages arising out of injury or damage to persons or property directly caused or resulting from the sole negligence of the CONSULTANT or any of its officers, agents or employees. Neither CONSULTANT nor any of its subconsultants will be liable under this section for damages arising out of injury or damage to persons or property directly caused or resulting from the sole negligence of the COUNTY or any of its officers, agents or employees. The parties agree that 1% of the total compensation to the Consultant for performance of this Agreement is the specific consideration from the County to the Consultant for the Consultant's indemnity agreement.

16.00 The Consultant warrants that he has not employed or retained any company or person, other than a bona fide employee solely for the Consultant, to solicit or secure this Agreement, and that he has not paid or agreed to pay any person, company, corporation, individual or firm any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Agreement. It is understood and agreed that the term "fee" shall also include brokerage fee, however denoted.

16.10 For the breach or violation of Paragraph 16.00, the County shall have the right to terminate this Agreement without liability, and, at its discretion, to deduct from the contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

17.00 The Consultant shall have and maintain during the period of this Agreement, a professional liability insurance policy or policies with a company or companies authorized to do business in the State of Florida, affording professional services to be rendered in accordance with this Agreement in such the amount of \$500,000, provided that such insurance coverage is available. The Consultant shall maintain professional liability coverage for a minimum of three years after completion of the services rendered herein.

17.10 The County's Personnel will not check any designs, drawings, specifications, documents and/or other services proposed by the Consultant to determine technical accuracy but the County's Personnel will be entitled to review any designs, drawings, specifications, documents and/or other services for the limited purpose of approval, acceptance or payment for services required under this contract.

Neither County's review, approval or acceptance of, nor payment for, the services required under this contract shall be construed to operate as a waiver of any rights under this contract or any cause of action arising out of the performance of this contract, and the Consultant shall be and

remain liable to the County in accordance with applicable law for all damages to the County caused by the Consultant's negligent performance of any of the services furnished under this contract.

The Consultant shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, documents and/or other services furnished by the Consultant under this contract. The Consultant shall, without additional compensation, correct or review any errors or deficiencies in its designs, drawings, specifications, documents and/or other services.

The rights and remedies of Nassau County provided for under this contract are in addition to any other rights and remedies provided by law.

If the Consultant is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

18.00 The Consultant agrees that it shall make no statements, press releases or publicity releases concerning this Agreement or its subject matter or otherwise disclose or permit to be disclosed any of the data or other information obtained or furnished in compliance with this Agreement, or any particulars thereof, during the period of the Agreement, without first notifying the County and securing its consent in writing. The Consultant also agrees that it shall not publish, copyright or patent any of the data furnished in compliance with this Agreement, it being understood that, under Paragraph 8.00 hereof, such data or information is the property of the County.

19.00 It is mutually agreed and understood that the following provision shall be applicable to this contract if the compensation to be paid to the Consultant shall exceed \$50,000 as indicated in Paragraph 10.00 hereof:

The Consultant hereby certifies, covenants and warrants that wage rates and other factual unit costs as shown in attached Exhibit "C" supporting the compensation provided in Paragraph 10.00 are accurate, complete and current as of the date of this Agreement. It is further agreed that said contract price provided in Paragraph 10.00 hereof shall be adjusted to exclude any significant sums where the County shall determine the Contract price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. All such contract adjustments shall be made within one year following the end of the contract. For purpose of this contract, the end of the contract shall be deemed to be the date of final billing or acceptance of the work by the County, whichever is later.

20.00 Standards of Conduct - Conflict of Interest - Consultant covenants and agrees that it and its employees shall be bound by the standards of conduct provided in Florida Statutes 112.313 as it relates to work performed under this contract, which standards will by reference be made a part of this contract as though set forth in full. Consultant agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed.

21.00 This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.

22.00 Exhibits:

Page <u>A-1</u> through Page <u>A-2</u>	Exhibit "A" Scope of Services
Page <u>B-1</u> through Page <u>B-1</u>	Exhibit "B" Method of Compensation
Page <u>C-1</u> through Page <u>C-8</u>	Exhibit "C" Details of Costs and Fees.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed, the day and year first above written.

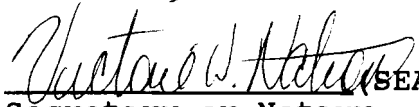
Gee & Jenson Engineers-Architect
Planners, Inc.
Name of Contractor, Consultant
or Agency


NASSAU COUNTY

BY: 
Authorized Signature

BY: 
Chairman, Board of County
Commissioners

Title: 

ATTEST:  (SEAL)
Secretary or Notary
Notary Public, State of Florida

ATTEST:  (SEAL)
Ex-Officio Clerk

My Commission Expires Feb. 14, 1993
If Individual, furnish two witnesses:


Witness (1)


Witness (2)

FOR COUNTY USE ONLY

APPROVED:

LEGAL APPROVAL AS TO FORM
LEGALITY, EXECUTION, AND CONTENT:

EXHIBIT "A"

SCOPE OF WORK

PHASING:

The Contract will be divided into Phases.

- 1) Phase 1 - Determine Existing Right-of-Way, Existing Conditions, Proposed Designs, Estimated Costs.
- 2) Phase 2 - Completion of Design, Permitting, Plans and Specifications, Bid Documents, Advertising, Award of Bids.
- 3) Phase 3 - Inspection and Contract Administration.

DESIGN STANDARDS

- 1) Three R or the Green Book.
- 2) Florida Department of Transportation Specifications.
- 3) Twenty-four inch by thirty-six inch Federal Aid Sheets, Plans and Profile.
 - a) Horizontal Scale: 1" equals 20'
 - b) Vertical Scale: 1" equals 5'
 - c) Cross Sections every 50', at changes in alignment, at drainage structures or other structures. Extend to 30' beyond right-of-way.

GEOTECHNICAL REQUIREMENTS

Boring shall be taken as required.

Plan Sheets shall include:

- 1) Striping Detail
- 2) Signage Details
- 3) All Drainage Structures, Indicated the Type, Size and Location.
- 4) Utility Locations
- 5) Fences, Buildings, and other Structures in right-of-way and 30' beyond.
- 6) Intersection Details, Signalization.

EXHIBIT "A" (cont'd)

Drainage Maps shall be provided showing prevailing drainage conditions adjacent to the roadway. Drainage structures shall be sized to accommodate the prevailing drainage. Calculations shall show justification for the size of the drainage structures.

Drainage Structures, Bridges and Piping Cost analysis shall be conducted to determine the most cost effective drainage structure to be installed. Bridges, cast in place and pre-cast concrete culverts, and piping shall be reviewed to determine the most cost effective method of handling drainage.

At the end of Phase I the Consultant shall present to the County a cost estimate of the proposed improvements based on the analysis of the existing conditions and what is proposed.

The final plans and specifications shall include a cost breakdown of all items and also a cost estimate for the total project. The Consultant will be responsible for reviewing the Bids received and based on the qualifications of the Contractor and the Bid Price will offer a recommendation to the County Commissioners.

SURVEYING:

Rights-of-way will be marked with concrete monuments at changes in alignment, at intersection, and at a maximum distance of 1/2 mile. All monuments will have vertical control.

EXHIBIT "B"

METHOD OF COMPENSATION

1.0 PURPOSE:

This Exhibit defines the limits and method of compensation to be made to the Consultant for the services set forth in Exhibit "A" and the Agreement period described in Section 3.00 of the Consultant Agreement and the method by which payments shall be made.

2.0 COMPENSATION

For the satisfactory completion of the services detailed in Exhibit "A", the Consultant shall be paid a Maximum Amount of \$390,000.00. The Maximum Amount shall include:

Lump Sum Amount	
Basic Services	<u>\$344,140.00</u>
Design Surveys	<u>\$ 45,860.00</u>
Sub-total	<u>\$390,000.00</u>

A fee for proposed right-of-way maps, title searches and property discriptions is not included, but will be negotiated when a scope of work can be determined.

3.0 PROGRESS PAYMENTS:

The Consultant shall submit monthly invoices in a format acceptable to the County.

A. LUMP SUM AMOUNT: Payment shall be made to the Consultant monthly for a portion of the Lump Sum Amount equal to the percentage of work completed, as approved by the County.

4.0 DETAILS OF COSTS AND FEE:

Details of costs and fees for the performance of the Consultants services are attached as EXHIBIT "C".



GEE & JENSON

Details for Fringe Benefits and Overhead

	<u>% to Direct Labor</u>
<u>Direct Labor</u>	<u>100.00</u>
SUBTOTAL	<u>100.00</u>
<u>Fringe Benefits</u>	
Vacation	6.17
Holiday	2.44
Sick Leave	2.69
Other Paid Leave	.25
FICA	10.49
Federal Unemployment Insurance	.31
State Unemployment Insurance	.34
Workers Compensation	.35
Group Health/Life	7.25
Profit Sharing	.26
Pension Plan	7.72
Employee Recreation	.03
SUBTOTAL	<u>38.30</u>
<u>Overhead</u>	
Indirect Labor	51.42
Business Insurance	3.75
Consultant Services	3.50
Interest	-0-
Building Charges	28.21
Office Expenses	10.27
Employee Travel & Training	9.13
Professional Fees	.63
Transportation Expenses	2.84
Employee Recruitment	.52
Depreciation	9.23
Marketing & Selling	1.34
SUBTOTAL	<u>120.84</u>
TOTAL NET MULTIPLIER	<u>259.14</u>

This is to certify that the above details for fringe benefits and overhead are accurate, complete and current as of December 31, 1982.

Ray E. Gaulke
Ray E. Gaulke
Sr. Vice President

EXHIBIT "C"
DETAIL OF COST AND FEES

ESTIMATE OF WORK EFFORT AND FEE
- CONSTRUCTION PLANS -
(See Reverse Side for Instructions)

EXHIBIT C

ESTIMATOR/DATE: _____ Consultant: _____													
Project No.: <u>14th St. & Sadler Rd.</u> From: _____ To: _____ Length: _____													
Local Name: <u>Three separate Plan Sets</u>													

No. / ACTIVITY	Project Manager		Chief Designer Chief Bridge Eng.		Sr. Designer		Designer		Chief Draftsman		Draftsman/ Clerical		TOTAL		Avg. Hourly 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	Manhours By Activity	Salary Costs for Activity	
135 Environmental Work															
113 Basic Rdwy. Plan Prep.	329	25.00	658	15.42	987	14.93	1646	12.50	987	10.00	1975	9.00	6582	81,327.27	12.356
109 Drainage Design	44	25.00	88	15.42	221	14.93			176	10.00	353	9.00	882	16,643.44	12.124
115 Bridge Design															
110 Traffic Signal Plans	41	25.00	165	15.42	249	14.93			124	10.00	248	9.00	827	10,758.87	13.010
111 Signing/Symbol Plans	30	25.00	118	15.42			178	12.50	89	10.00	177	9.00	592	7,277.56	12.293
112 Roadway Lighting Plans															
138 R/W Preliminary Map															
139 Final R/W Map															
144 Instruments															
TOTAL MANHOURS	444	11,100.00	1029	15,867.18	1457	21,753.01	1824	22,800.00	1376	13,760.00	2753	24,777.00	8883	110,057.19	12.390

DISTRIBUTION OF COST ELEMENTS TO BASIC ACTIVITIES

Environmental Work \$ _____

Basic Roadway Plan Prep. \$ _____

Drainage Design \$ _____

Bridge Design \$ _____

Traffic Signal Plans \$ _____

Signing/Symbol Plans \$ _____

Roadway Lighting Plans \$ _____

R/W Preliminary Map \$ _____

Final R/W Map \$ _____

Instruments \$ _____

⊗ TOTAL \$ _____

TOTAL CONTRACT FEE COMPUTATIONS *

* Total Activity Salary Costs = \$ 110,057.19

(a) Overhead Additives:

(1) Administrative & General 120.84 % = \$ 132,993.11

(2) Fringe Benefits 38.30 % = \$ 42,151.90

Subtotal (Salary plus overhead) = \$ 285,202.20

(b) Lump Sum for Operating Margin = \$ 25,776.80

Subtotal (Salary Related Costs) = \$ 310,979.00

(c) Direct Reimbursables (Out-Of-Pocket) = \$ 12,961.00

⊗ Subtotal (Cost Elements Appl. to Basic Activities) = \$ 323,940.00

(d) Subcontract Items (Lump Sum) Traffic Counts = \$ 5,700.00

(e) Other Lump Sum Costs Soils Exploration = \$ 14,500.00

BASIC LUMP SUM FEE = \$ 344,140.00

(f) Design Surveys (Upset Limit Fee) = \$ 4,5860.00

(g) Subcontract Items (Upset Limit Fee) = \$ _____

(h) Shop Drawing Allowances = \$ _____

MAXIMUM FEE = \$ 390,000.00

(Check Appropriate Block)

☐ Initial Estimate

☐ Revised Estimate No. 1

☐ Revised Estimate No. _____

If revised estimate, give reasons for revisions:

C-1

PROJECT NO. 14th St. & Sadler Rd. DESCRIPTION 14th - Sadler to Fletcher
Sadler - SR200 - Fletcher (Sadler - 1.34 Mi.; 14th St - 2.19 Mi.)

LENGTH 3.53 MILES FEET Lanes DIV'D URBAN

(Three Sets of Plans)

ITEM	SCALE	BASIS OF ESTIMATE	NO. OF UNITS	NO. OF SHEETS	M--H UNITS	TOTAL M--H	COMMENTS
ROADWAY PLANS	1"=						
Key Map		Per Sheet	3	3	20	60	
Typical Section and Notes		Per Sheet	9	9	20	180	
Summary of Quantities (Drafting Only)		Per Sheet	6	6	16	96	
Mass Diagram		Per Sheet					
Plan & Profile - Rural (Incl. Estb. Grades)		Per Sheet					
Plan & Profile - Urban	20'	Per Sheet	35	35	60	2100	
Intersection Details (Incl. Estb. Profiles)		Per Sheet	4	4	20	180	
Intersection Profiles (Drafting Only)		Per Sheet	4	4	30	180	
Back of Sidewalk Profiles	100'	Per Sheet	4	4	30	120	
Special Intersection & Crossover Details		Per Sheet					
Special Profiles		Per Sheet					
Misc. Construction Details		Per Sheet	6	6	20	120	
Detour Plans and/or Maint. of Traffic		Per Sheet	10	10	30	300	
Cross-Sections - Rural (Incl. Earthwork)		Per Sec.					
Cross-Sections - Urban (Incl. Earthwork)		Per Sec.	410	82	3	1230	
Computation Book (Incl. Calc. of Quantities)		Lump Sum	3		80	240	
Cost Estimates		Per Est.	9		24	216	
Pavement Design		Lump Sum	1		40	40	
Public Meetings		Per Each	2		16	32	
Meeting (Dist. Off., Traffic, & Plans Off.)		Per Each	4		8	32	
Clearing and Grubbing Plans		Per Sheet					
Access Road Study		Lump Sum					
Traffic Analysis		Lump Sum	1		147	147	
Field Reviews		Per Each	6		4	24	
* Utility Adjustment		Lump Sum	1	35		140	
* Interchange Design		Lump Sum					
Plans Checking		Per Sheet		208	4	832	
Supervision (5% Total M.H.)		Lump Sum	1		313	313	
ROADWAY PLANS TOTALS				208		6582	

*See "UTILITIES & RAILROAD" and/or "INTERCHANGE PLANS" work sheets for breakdown of work effort.

PROJECT NO. 14th St. & Sadler Rd.

DESCRIPTION

LENGTH	MILES	FEET	LANES	DIV'D	URBAN	NO. OF SHEETS	M--H UNITS	TOTAL M--H	COMMENTS
		SCALE	BASIS OF ESTIMATE	HQ. OF UNITS					
		1"=							
DRAINAGE PLANS									
Drainage Map - Rural (Drafting Only)			Per Sheet						
Drainage Map - Urban (Drafting Only)		200'	Per Sheet	8		8	40	320	
Drainage Design - Rural (Roadway Only)			Lump Sum						
Drainage Design (Minor X-Drains)			Per Each	20			4	80	
Drainage Design (Major X-Drains)			Per Each	2			40	80	
Drainage Structures - Rural			Per Sec.						
Drainage Structures - Urban			Per Sec.						
Summary of Drainage Structure			Per Sheet	3		3	10	30	
Lateral Ditch & Outfall (Incl. X-sect)			Per Sheet						
Storm Sewer Tabulation (Municipal Only)			Lump Sum	3		3	8	24	
Bridge Hydraulic Recommendation Sheet			L.S.	1			80	80	
Drafting Only Hydraulic Report			per sheet				150	150	
Permits (Forms, Sketches & Calc.)			Per Each						
* Interchange Drainage			Lump Sum						
Plans Checking			Per Sheet	14		14	4	56	
Supervision (5% Total M.H.)			Lump Sum	1				42	
DRAINAGE PLANS TOTALS						14		882	

*See "INTERCHANGE PLANS" work sheet for breakdown of work effort.

Prepared by: _____

Date: _____

C-3

1476 St. & Sadler Rd.

DESCRIPTION

LENGTH

MILES

FEET

LANES

DIV D

URBAN

カ - 2

Prepared by:

Date:

*Alternatives/Combinations

ITEM	SCALE	BASIS OF ESTIMATE	NO. OF UNITS	NO. OF SHEETS	M--H UNITS	TOTAL	COMMENTS
Key Map	1" =	Per Sheet	3	3	10	30	
Tabulation of Quantities		Per Loc.	3	3	8	24	
General Notes		Per Sheet	3	3	3	9	
System Coordination		Per Loc.	4	4	10	40	
Timing Plan		Per Loc.	4	4	30	120	
Intersection Plans		Per Loc.	4	4	10	40	
Signal Operating Plans		Per Loc.	4	4	30	120	
Railroad Pre-emption (Fire/other)		Per Loc.	4	4	10	40	
* Concrete Pole Detail		Per Loc.	4	4	14	56	
* Steel Pole Detail		Per Loc.	4	4	14	56	
* Aluminum Pole Detail		Per Loc.	4	4	14	56	
* Mast Arm Detail		Per Loc.	4	4	14	56	
Interconnect Cable Routing/Details		Per Loc.	2	2	10	20	
Plans Checklists		Per Loc.	19	19	8	152	
Cost Estimate		Per Est.	4	4	72	288	
Supervision (5%)							
SIGNALIZATION PLANS TOTALS			19	19	827	3272	

PROJECT NO. 14th St. & Sadler Rd.

DESCRIPTION

LENGTH	<u> </u>	MILES	<u> </u>	FEET	<u> </u>	LANES	<u> </u>	DIV'D	<u> </u>	URBAN	<u> </u>
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[illegible]

Prepared by: _____

Date: _____ 6-5

PROJECT NO. 14th St. & Sadler Rd.

DESCRIPTION

LENGTH	MILES	FEET	LANES	DIV'D	URBAN	ITEM	SCALE	BASIS OF ESTIMATE	NO. OF UNITS	NO. OF SHEETS	M--H UNITS	TOTAL M--H	COMMENTS
		1"=				GROUND SIGNING AND MARKING							
						Key Map		Per Sheet	3	3	10	30	
						Tabulation of Quantities		Per Sheet	3	3	8	24	
						Plan Sheets		Per Sheet	11	11	10	110	
						Guide Sign Worksheet		Per Sign	3	3	30	90	
						* Cross Sections		Per Sign					
						Cost Estimate		Per Est.	9		8	72	
						* Support Computations		Per Sign					
						Marking for Signalized Int.		Per Loc.	9	9	20	180	
						Plans Checking		Per sheet	29	29	2	58	
						Supervision (5%)		L.S.	1			28	
						GROUND SIGNING AND MARKING TOTALS				29		592	

*2 or more sign supports

Prepared by: _____

Date: _____

C-6

PROJECT

14th St. & Sadler Rd.

TRAFFIC COUNTS, PROJECTIONS
AND ANALYSIS

	HOURS
TRAFFIC ANALYSIS AND PROJECTIONS	58
SIGNAL WARRANT ANALYSIS	30
EXISTING SIGNAL INVENTORY	14
REPORT	45
Total	147

SUMMARY OF MATERIALS:	MYLAR	PAPER	TOTAL
ROADWAY	222	222	444
R/W MAPS			
SOIL ANALYSES			
SIGNALS	19	19	38
LISTENING			
SIGHTING	29	29	58
BRIDGE			
TOTALS	270	270	540

TOTAL EXPENSES

12961.00

Shipping & Telephone (12 months @ \$25.00/month) 7616

7641.00

TRAVEL =

180.00

To Tallahassee: (Per Diem) trips x people x days/trip x \$ per diem = \$ (Com) trips x people x \$ per trip = \$ (POV) trips x miles x \$ per mile = \$ (Rental) trips x (days/trip x \$ daily rate + miles x \$ rate) = \$

To District: (Per Diem) trips x people x days/trip x \$ per diem = \$ (Com) trips x people x \$ per trip = \$ (POV) trips x miles x \$ per mile = \$ (Rental) trips x (days/trip x \$ daily rate + miles x \$ rate) = \$

To Project: (Per Diem) trips x people x days/trip x \$ per diem = \$ (Com) trips x people x \$ per trip = \$ (POV) trips x miles x \$ per mile = \$ (Rental) trips x (days/trip x \$ daily rate + miles x \$ rate) = \$

TRAVEL (From GEC & Jensen Office)

Costs: Report - 500 Sheets @ \$ 0.10 / Sheet = \$ 50.00 Blue-line - 5050 Sheets @ \$ 0.50 / Sheet = \$ 2525.00

Reproduction (Copies & Blue-line)	Blue-line	Septa			
Phase I	1000	Sheets	Phase V	Sheets	Sheets
Phase II	1350	Sheets	Phase VI	Sheets	Sheets
Phase III	1350	Sheets	Phase VII	Sheets	Sheets
Phase IV	1350	Sheets	Phase VIII	Sheets	Sheets
Total Sheets	5050				

Material (Mylar) 270 Sheets x \$ 7.00 = \$ 1890.00 (Paper) 270 Sheets x \$ 2.50 = \$ 675.00

Roadway Right of Way Maps - Sheets x \$ - \$ Aerial Photography

Miscellaneous & Out-of-Pocket Expenses

ESTIMATE

Project No.

14754