SUBJECT: **RFQ FOR DESIGN-BUILD SVCS FOR HORIZONTAL/CIVIL ENGINEERING PROJECTS**

BID # **CDB-0006-16** OPEN DATE: **10/21/2015**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **QUALIFICATIONS BASED**

NUMBER OF BIDS INVITED: - NUMBER RECEIVED: - OTHER: -

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The Department of Public Works has completed negotiations with J.B. Coxwell Contracting, Inc., for the Shiloh Mill Blvd/Gate Parkway Intersection and Gate Parkway Fiber Optics project in accordance with subject bid.

Recommend approval of award to J. B. Coxwell Contracting, Inc., for the Shiloh Mill Blvd/Gate Parkway Intersection and Gate Parkway Fiber Optics project, for 100% design, permitting, post design and construction related services for the intersection improvements and signalization work for the Intersection of Shiloh Mill Blvd. and Gate Parkway, also to include the fiber optic construction activities . This incorporates the attached Scope and Fee Summary, "Exhibit T-1", for a guaranteed maximum price in the amount of $1,684,940.51, which includes $40,000 for contingency and allowing for the completion for the design and permitting phase within 180 days and construction within 300 days for a total of 480 from notice to proceed.

Funding for this project is to be executed by Amendment 18A for contract # 6533-54 and encumbered by account: PWSD114FAIR-06505-PW0808-01

Attachments: Recommendation Memo, Exhibit "T-1", Previous Award(s)

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED Gregory Pease
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Ed Starnes, P.E., J.D., Acting Chief, Public Works Department/Christopher LeDew, P.E., Chief, Traffic Engineering Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING_____ MEMBERS DISAPPROVING_____ DATE:_____

_____ _____ OTHER_____

_____ _____

_____ _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED_____ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE.

October 9, 2018

10/11/18 11:22:25
Procurement Division

TO: Gregory W. Pease
Chief of Procurement

THRU: John P. Pappas, P.E.
Director

FROM: for Ed Starnes, P.E., J.D.
Acting Chief, Engineering & Construction Management

Christopher LeDew, P.E.
Chief, Traffic Engineering

SUBJECT: CDB-0006-16 – Design-Build Services - Horizontal & Civil Engineering – Shiloh Mill Blvd./Gate Parkway Intersection and Gate Parkway Fiber Optics AMENDMENT 18A

Based on the Design Criteria Package developed by City Engineers, the Department of Public Works, in accordance with Design/Build CDB-0006-16, Contract 6533-54 has completed negotiations with J. B. Coxwell Contracting, Inc., for the Shiloh Mill Blvd./Gate Parkway Intersection and Gate Parkway Fiber Optics. Negotiations have resulted in the GMP amount of $1,684,940.51, which includes $40,000 for contingency, to provide 100% design, permitting, post design and construction related services for the intersection improvements and signalization work for the Intersection of Shiloh Mill Blvd. and Gate parkway. Additionally, it includes the fiber optic construction activities as noted on the attached Scope & Fee Summary, Exhibit T-1 and allowing for the completion for the design and permitting phase within 180 days and construction within 300 days for a total of 480 days from notice to proceed.

Accordingly, this is to recommend that Contract No. 6533-54, originally executed May 2, 2016, between the City and J. B. Coxwell Contracting, Inc. for Design-Build Services- Horizontal & Civil Engineering, be amended to incorporate the attached Scope and Fee Summary, Exhibit T-1 for Shiloh Mill Blvd./Gate Parkway Intersection and Gate Parkway Fiber Optics for the GMP amount of $1,684,940.51, known as Amendment 18A.

To be encumbered as follows:

PWSD114FAIR-06505-PW0808-01	$1,684,940.51
TOTAL	$1,684,940.51

ED/lw

Attachment: Exhibit T-1

ab

EXHIBIT T-1

J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254
Office (904) 786-1120 Fax (904) 783-2970

September 7, 2018

Kelsey Cox, P.E.
City of Jacksonville Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202

Re: Scope of Services & Fee Proposal for Shiloh Mill Blvd/ Gate Parkway Intersection Improv. Project - 100% Design, Permitting and Construction Services Design-Build Construction Delivery for City of Jacksonville-RFQ CDB-0006-16 City Contract No. 6533-54 Rev. 1

Dear Ms. Cox:

J.B. Coxwell Contracting, Inc. (JBCCI) is pleased to submit for your review and consideration the following design-build scope of services and attached lump sum Guaranteed Maximum Price (GMP) fee proposal for 100% design, permitting and construction of the above referenced project. This proposal is based on the COJ's Design Criteria Package dated July 16, 2018, and subsequent plans submitted for Gate Parkway Fiber Optic Design by Arcadis dated 4-9-18 with no revisions. The scope of the work is generally described as providing for 100% design, permitting, post design, and construction related services for the intersection improvements and signalization work for the intersection of Shiloh Mill Blvd. and Gate Parkway. Additionally, per your request we have included the scope of work to add the fiber optic construction activities shown in Arcadis' Gate Parkway Fiber Optic design for the area on Gate parkway from Southside to I-95, and Touchton Road from Southside Blvd. to Gate Parkway dated 4-9-18 with no revisions. The full details of the proposed improvements that served as the basis for this proposal are per the July 16, 2018 Design Criteria Package and as outlined on the attached proposals.

As detailed on the attached documentation, the proposed total lump sum GMP amount for the 100% design, permitting and construction is One Million Six Hundred Eighty-Four Thousand Nine Hundred Forty Dollars and Fifty One Cents ($1,684,940.51) which includes a project contingency of $40,000.00. The project contingency is for project elements which have not been fully designed and permitted, and which may increase in quantity or cost during the final design phase or during construction. The project contingency is for the Design-Builder's benefit and not for changed field conditions, unknown field conditions or added scope of work. The design and permitting phase will be completed in one hundred and eighty days (180), whereas the construction will be completed within three hundred days (300), or a total of four hundred eighty days (480) from notice-to-proceed.

This lump sum GMP amount is inclusive of only those services noted on the attached proposals and which are anticipated at this time. No services or work other than those noted in the proposals are

included. In addition, any unknown condition(s) which may surface during design and construction or any other increase in scope of services may result in a request for additional services. No work will proceed however, without first obtaining approval from the City for any additional services.

Kelsey, our team has staff immediately available to begin this work upon your notice-to-proceed. We are again very appreciative of the opportunity to provide you with our design-build services. Should you have any questions or need any further information, please do not hesitate to contact us. We are also available to review and discuss this proposal with you and/or others at your convenience.

Regards,

J.B. Coxwell Contracting, Inc.

Jayson Smith

Jayson Smith,
Design Build Manager

Cc: Chris Blank, Vice President of Operations
J.B. Coxwell Contracting, Inc.

Eddie Greene, Vice President of Operations
J.B. Coxwell Contracting, Inc.

Nicholas E. Mousa, AICP, Director -Florida Market Initiatives
GAI Consultants, Inc.

Kevin Leadbetter, P.E., Vice President
GAI Consultants, Inc.

Exhibit A
JBCCI Contract Fee Summary For
100% Design Build for Shiloh Mill Blvd & Gate Parkway Intersection Improvments

PART I - GENERAL

1. Project Design-Build Construction Delivery for City of Jacksonville - 100% Design Build for Shiloh Mill Blvd/ Gate Parkway Intersection Improvments□	**2. City Contract Number** 6533-54
3. Name of Design-Builder J.B. Coxwell Contracting, Inc.	**4. Date of Proposal** 8/6/2018

PART II - LABOR RELATED COSTS

5. DIRECT LABOR **Pre-Construction Services**	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Director	$ 105.00	4	$ 420.00	
Project Manager	$ 57.50	40	$ 2,300.00	
Project Estimator	$ 52.00	30	1,560.00	
Project Administrator	$ 30.00	30	$ 900.00	
			TOTAL DIRECT LABOR	$ 5,180.00
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 54.46%				$ 2,821.03
7. TOTAL LUMP SUM LABOR FEE : Labor + Overhead (Items 5 & 6)				**$ 8,001.03**

PART III - OTHER COSTS

8. MISCELLANEOUS DIRECT COSTS Reproductions, Courier Service, Postage, Express Delivery, and other Misc. Direct Costs	$ 1,200.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	**$ 1,200.00**
9. COST OF THE WORK	
JBCCI Construction Estimate (100%)	$ 1,460,473.81
GAI Consultants, Inc. 100% Design & Permitting Fees	$ 67,193.00
GAI Consultants, Inc. Contingency for Fiber Coordination & Permitting Fees	$ 15,000.00
COST OF THE WORK SUB-TOTAL	**$ 1,542,666.81**
10. SUBTOTAL - DESIGN & CONSTRUCTION FEES	**$ 1,551,867.84**
11. BONDING (1%)	**$ 15,518.68**
12. Design-Builder's Fee (7.5%)	**$ 117,553.99**

PART IV - FEE SUMMARY

TOTAL - LUMP SUM FEE	**$ 1,684,940.51**

EXHIBIT T-1

08/07/2018 JBCCI Construction Estimate for Shiloh Mill Blvd @ Gate Parkway Intersection Improv. & Signalization
JBCCI Est.18090

CONSTRUCTION ESTIMATE TOTALS

Bid Item	Description	Quantity	Units	Unit Price	Bid Total
1	General Conditions	1.000	LS	59,560.560	59,560.56
100	Maintenance of Traffic	1.000	LS	26,992.370	26,992.37
150	Erosion Control	1.000	LS	6,652.870	6,652.87
200	Site Preparation	1.000	LS	4,480.320	4,480.32
250	Stabilization (6" LR instead of Mixing)	50.000	SY	44.844	2,242.20
300	10" Lime Rock Base	50.000	SY	70.159	3,507.95
400	3" Asphalt (Island Noses)	50.000	SY	56.648	2,832.40
500	1" Mill & Resurface (Shiloh Road)	200.000	SY	86.027	17,205.40
520	Curb & Gutter	200.000	LF	41.557	8,311.40
540	COJ Standard Sidewalk, 4" Thick Plain Non-Reinforced	100.000	SY	81.118	8,111.80
550	Seed & Mulch, Sod Disturbed Areas	300.000	SY	11.181	3,354.30
600	Striping (Thermoplastic)	1.000	LS	17,502.080	17,502.08
700	Signalization (w/o Fiber Interconnect)	1.000	LS	373,570.160	373,570.16
800	Fiber Optic Construction w/ Restoration	1.000	LS	886,150.000	886,150.00
900	Project Contingency	1.000	LS	40,000.000	40,000.00
		Bid Total	========>		$1,460,473.81

Clarification & Exclusions -

1) Estimate does not include any fees associated with tree mitigation (tree removal, planting, or mitigation fees), or wetland mitigation.
2) Estimate does not include any new utility work or adjustments to the existing utilities.
3) One mobilization is included, assumes the COJ will award all work at one time.
4) Estimate assumes COJ will provide all temporary or permanent easements, and construction access agreements.
5) Estimate assumes COJ will provide all existing survey information, CAD files, and provide a benchmark for the project.
6) Estimate assumes all work to be performed in accordance with the COJ specifications.
7) Estimate does not include any work associated with any relocation or new irrigation/ landscaping services (other than grassing impacted areas).
8) Existing private and public utility locates, identification, protection, isolation, and relocation by others (including but not limited to electric, water, sewer, cable, telephone, misc. communications, traffic signal, street lighting, gas, fiber optic.
9) Contingency fee included for construction and design aspects not known at the time of the proposal preparation.
11) This estimate excludes unknown subsurface debris removal/ disposal.
12) This estimate excludes unsuitable soil removal/ replacement, as we do not anticipate this scope to be required on the project.
13) This estimate excludes any work associated with the discovery or handling of hazardous or non-hazardous waste that may be encountered while constructing the drainage improvements on this project.
14) All public notices and informational meetings to be handled by the COJ.
15) Bonding fees are not included in this estimate, they will be added at 1% of the total contract value if required.
16) Estimate excludes geo-technical or QC testing for construction activities, including drilled shaft inspections and testing. Testing by the COJ.
17) ITS Fiber Construction based on Arcadis Plans Dated 4-9-18, no revisions.

EXHIBIT T-1

gai consultants
transforming ideas into reality®

August 6, 2018

Jayson Smith
Design-Build Manager
J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254

Re: Fee Proposal for 100% Design, Permit, and Post-Design Services of Shiloh Mill/Gate Parkway Intersection Improvements - Design-Build Construction Delivery for the City of Jacksonville RFQ CDB-0006-16/City Contract No. 6533-54

Dear Mr. Smith:

In accordance with the terms and conditions of our master agreement for professional services dated 06-07-16, **GAI Consultants, Inc., (GAI)**, is providing you with this proposal for the above referenced project.

Project Understanding and Scope of Services

GAI is in receipt of a Design Criteria Package dated July 16, 2018, for the subject project. These documents were provided to us, through you, by the City of Jacksonville.

The scope of the work is generally described as providing for 100% design, permitting, post design, and related services for traffic signal installation and associated roadway improvements for the intersection of Shiloh Mill Blvd at Gate Parkway. The full details of the proposed improvements that served as the basis for this proposal are per the Design Criteria Package listed above.

GAI proposes to provide for 100% Design, Permitting, and Post Design Services necessary to complete this project, based on the following assumptions:

- The Fee is based on the existing CAD plans and Survey Files being provided by the City.
- GAI will be assuming ownership of the design plans from this point forward.
- GAI will perform additional survey to verify the accuracy of the information provided by the City, and to obtain additional survey needs in a few key areas.
- No Tree Surveying is included (none anticipated).
- Required Geotechnical Services are included.
- No Tree Mitigation Plans are included as none are anticipated.
- No Lighting Plans are included.
- The storm sewer design assumption is that the existing storm system can handle the proposed improvements.
- Permits anticipated for this project include a City 10-set and SJRWMD Exemption Letter. We have included monies to have an environmental consultant walk the project site to confirm there should not be any issues with jurisdictional wetlands or any other environmental related matters that need to be addressed behind the curb lines.

Finally, GAI's scope of work will entail managing the project during the design phase, attending project design review meetings, providing quality assurance and quality control during and at the completion of the design phase, documenting meeting results and directives as issued by the City, schedule evaluations, and budgetary controls.

Items <u>not</u> included in this scope of services:

1. Landscape and irrigation design or permitting.
2. Lighting design

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3. Wetland Mitigation Fees. (None anticipated)
4. Tree Mitigation Fees that may end up being due to the Tree Fund. (None anticipated)
5. Any other design services not specifically itemized herein.

If you have any questions, please do not hesitate to give us a call.

Regards,

GAI CONSULTANTS, INC.

Kevin R. Leadbetter, P.E.
Vice President

Attachments: GAI Fee Summary
MAE Proposal dated July 20th, 2018
FR Aleman Proposal dated July 9th, 2018

Exhibit A - Page 1 of 1

CONTRACT FEE SUMMARY FOR SHILOH MILL 100% DESIGN SERVICES

PART I - GENERAL	
1. Project - D/B Construction Delivery for COJ 100% Shiloh Mill	**2. Project Number** CDB-0006-16
3. Name of Consultant GAI Consultants, Inc.	**4. Date of Proposal** 8/6/2018

PART II - LABOR RELATED COSTS

5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 104.30	1	$ 104.30	
Project Manager (Responsible Prof.)	$ 84.59	8	$ 676.72	
Senior Project Engineer	$ 64.49	61	$ 3,933.89	
Project Engineer	$ 49.14	91	$ 4,471.74	
Engineer Intern	$ 34.38	95	$ 3,266.10	
Senior Designer	$ 37.95	20	$ 759.00	
Designer/Sr. CADD Technician	$ 28.43	50	$ 1,421.50	
CADD Technician	$ 25.14	41	$ 1,030.74	
Clerical	$ 19.91	2	$ 39.82	
Survey Manager (PSM)	$ 58.62	2	$ 117.24	
Three Man Survey Crew	$ 79.04	4	$ 316.16	
			TOTAL DIRECT LABOR	**$ 16,137.21**
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 173.58%				$ 28,010.97
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 44,148.18**
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 4,414.82
			SUB-TOTAL SALARY RELATED COSTS	**$ 48,563.00**

PART III - OTHER COSTS

9. MISCELLANEOUS DIRECT COSTS (Lump Sum)	
Misc. Direct Expenses (Lump Sum)	$ 1,100.00
SJRWMD Permit	$ 200.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	**$ 1,300.00**
10. SUBCONTRACTS (Lump Sum)	
Environmental Services Inc.	$ 1,000.00
FR Aleman	$ 8,420.00
MAE	$ 7,910.00
SUB-CONTRACT SUB-TOTAL	**$ 17,330.00**

PART IV - SUMMARY

TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	**$ 67,193.00**

Meskel & Associates Engineering
Geotechnical • Environmental • Inspection • Testing

July 20, 2018

Mr. Robert E. Baxter, PE
GAI Consultants, Inc.
1301 Riverplace Blvd., Suite 900
Jacksonville, Florida 32207

Subject: Proposal for Geotechnical Exploration and Engineering Services
COJ – Shiloh Mill Boulevard at Gate Parkway – Intersection Improvements
Jacksonville, Florida
MAE Proposal No. 015118

Dear Mr. Baxter:

MESKEL & ASSOCIATES ENGINEERING, PLLC (MAE) is pleased to present this proposal to provide the geotechnical exploration and engineering services for the subject project. This proposal was requested by you via electronic correspondence on June 25, 2018. This correspondence included a document titled, "RFP for Design and Construction of Shiloh Mill Boulevard at Gate Parkway Traffic Signal Installation and Roadway Improvements" (RFQ-CDB-0006-16) prepared by the City of Jacksonville's Engineering & Construction Management Division, dated July 16, 2018, that includes a site description and scope of services for the project.

It is our understanding that the project is at the existing intersection of Shiloh Mill Road and Gate Parkway in Jacksonville, Florida. Based on the scope of work described in the RFP, four traffic signal mast arm foundations will be installed in each quadrant of the interchange. Additionally, approximately 50-feet of roadway on Shiloh Mill Boulevard just north of the intersection at Gate Parkway will be resurfaced.

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions for the proposed construction. Based on the provided information, we propose four Standard Penetration Test (SPT) borings be performed to a depth of 25 feet below existing grade at each proposed traffic signal and one SPT boring to a depth of 10 feet just north of the intersection on Shiloh Mill Boulevard within the resurfacing limits. Two pavement cores will be performed within the limits of resurfacing to determine the thickness of each layer within the existing pavement section.

The borings appear to be accessible to our ATV-mounted drill rig and pavement coring equipment. We will locate the borings using our hand-held GPS equipment, accurate to within 3 meters (+/- 10 feet). We have not budgeted for Maintenance-of-Traffic. Should MOT be required to complete our borings if utility conflicts result in alternate boring locations, we have assumed that JB Coxwell or others will provide MOT services during our field exploration. If this is not the case, we can revise our proposal to include these services.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. All borings and tests will be performed in general accordance with ASTM procedures.

Once the borings and pavement cores are completed, they will be backfilled with grout per St. Johns River Water Management District guidelines. We will take all reasonable precautions to prevent damage to the existing site features. The recovered soil samples will be described in the field by the field crew.

The field logs and samples will be delivered to our laboratory, where the logs will be reviewed, and the samples will be classified, by a geotechnical engineer in general accordance with ASTM D2488.

If unusual or unanticipated soil conditions are encountered during drilling prior to or at the anticipated termination depths, we will contact you immediately to discuss the matter. We will not explore to depths beyond our scope of services without your consent.

Laboratory classification and soil index property tests will be performed in general accordance with ASTM procedures for each applicable test as necessary on selected soil samples to confirm the soil classification and provide engineering characteristics to estimate compressibility.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project;
- A boring location plan detailing the location of each boring and type of equipment used;
- Field exploration procedures and soil sampling methods used;
- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval;
- The laboratory test procedures performed, and the results obtained;
- Pavement core thicknesses and type;
- Recommendations for soil parameters for mast arm traffic signal foundations to be designed by others; and
- Recommendations for testing required during site preparation and earthwork construction.

Based on the scope of the services outlined above, we propose to complete our work for an estimated fee of **$7,900.00.** The fee includes submittal of an electronic signed and sealed report. We will contact you immediately if we encounter subsurface conditions that could require the borings to be advanced to deeper depths, and/or if additional engineering analysis outside the scope of this proposal is necessary.

Once authorization is received, a utility locate request will be submitted. We will mobilize our equipment to the site within one week once the utilities have been located and marked. We anticipate the field work will take 2 to 3 days to complete, weather permitting. Verbal results can be provided within 2 to 3 days after completion of the field work. Laboratory testing will take up to one week to complete depending on the amount of lab testing assigned. We plan to submit our engineering report within 3 weeks following completion of the field exploration and laboratory testing programs.

8936 Western Way, Suite 12
Jacksonville, Florida 32256
Phone: (904)519-6990 | Fax: (904)519-6992

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

Sincerely,
MESKEL & ASSOCIATES ENGINEERING, PLLC

Brett H. Harbison

Brett Harbison, P.E.
Director, Geotechnical Services

P. Rodney Mank

P. Rodney Mank, P.E.
Principal Engineer

Distribution: Mr. Robert E. Baxter, PE / GAI Consultants, Inc. One e-mail copy

PROPOSAL AUTHORIZATION
For Geotechnical Services
COJ – Shiloh Mill Boulevard at Gate Parkway – Intersection Improvements
Jacksonville, Florida
MAE Proposal No. 015118

Billing Information:

Company Name: _____

Attention: _____

Company Address: _____

Phone No.: _____ Email: _____

Project Contact Name:
(if different than above) _____

Additional Reports: Please List Below Any Additional Parties To Receive Reports.

1. _____

_____

No. of Reports Required:_____

2. _____

_____

No. of Reports Required:_____

NOTE: Our fee includes submittal of an electronic copy for each report. If bound paper copies are requested, the client will be charged $50 for each additional copy.

MAE invoices should be received by you by the _____ of each month (date required for your processing)

The Client representative named below has read the General Conditions that are attached and made a part of this proposal, and agrees to be bound to the terms of the General Conditions.

Name: _____ Title: _____

Signature: _____ Date: _____

PROPOSAL DOCUMENT GENERAL CONDITIONS

Payment – Payment shall be due within 30 days after date of invoice.

Insurance – Meskel & Associates Engineering (MAE) maintains Commercial General Liability with limits of $1,000,000 – per occurrence, $2,000,000 general aggregate, $2,000,000 products and completed operations aggregate. A certificate of insurance can be provided at your request evidencing such coverage. All subcontractors to MAE maintain Workers' Compensation, Employer's Liability with limits of $1,000,000 bodily injury by accident – each accident, $1,000,000 bodily injury by disease – each employee, $1,000,000 bodily injury by disease – policy limit. Workers Compensation coverage is in accordance with the Workers Compensation Law for the State of Florida.

Professional Liability: MAE maintains Professional Liability with limits of $2,000,000 each claim and $3,000,000 aggregate. A certificate of insurance can be provided at your request evidencing such coverage.

Right-of-Entry – Unless otherwise agreed, Client will furnish right-of-entry on the property for MAE to make the planned borings, surveys, and/or exploration. MAE will take reasonable precautions to minimize damage to the property caused by its equipment and sampling procedures, but the cost of restoration or damage which may result from the planned operations is not included in the contracted amount.

Legal Jurisdiction – The parties agree that any actions brought to enforce any provision of this Agreement shall only be brought in a court of competent jurisdiction located in Jacksonville, Duval County, Florida.

Damage to Existing Man-made Objects – It shall be the responsibility of the Owner or his duly authorized representative to disclose the presence and accurate location of all hidden or obscure man-made objects relative to field tests, sampling, or boring locations. When cautioned, advised or given data in writing that reveal the presence or potential presence of underground or overhead obstructions, such as utilities, MAE will give special instructions to its field personnel. As evidenced by your acceptance of this proposal, Client agrees to indemnify and save harmless MAE from all claims, suits, losses, personal injuries, death and property liability resulting from unusual subsurface conditions or damages to subsurface structures, owned by Client or third parties, occurring in the performance of the proposed work, whose presence and exact locations were not revealed to MAE in writing, and to reimburse MAE for expenses in connection with any such claims or suits, including reasonable attorney's fees.

Limitation of Responsibility – Client hereby agrees to the fullest extent permitted by law the Consultant's total liability to Client for any and all injuries, claims, losses, expenses or damages whatsoever arising out of or in any way relating to the project, the site, or this Agreement from any cause or causes including but not limited to the Consultant's negligence, errors, omissions, strict liability, breach of contract, or breach of warranty shall not exceed the greater of the total amount paid by the Client for the services of the Consultant under this contract or $50,000.00, whichever is greater.

Client and the Consultant agree that to the fullest extent permitted by law the Consultant shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by the Consultant's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

To the fullest extent permitted by law, Client agrees to defend, indemnify, and hold Consultant, its agents, subcontractors, and employees harmless from and against any and all claims, defense costs, including attorneys' fees, damages, and other liabilities arising out of or in any way related to Consultant's reports or recommendations concerning this Agreement, Consultant's presence on the project property, or the presence, release, or threatened release of asbestos, hazardous substances, or pollutants on or from the project property; **provided that** Client shall not indemnify Consultant against liability for damages to the extent caused by the negligence or intentional misconduct of Consultant, its agents, subcontractors, or employees.

Use of Documents – All documents, including but not limited to drawings, specifications, reports, and data or programs stored electronically, prepared by the Consultant are related exclusively to the services described in this Agreement, and may be used only if the Client has satisfied all of its obligations under this Agreement. They are not intended or represented to be suitable for use, partial use or reuse by the Client or others on extensions of this project or on any other project. Any modifications made by the Client to any of the Consultant's documents, or any use, partial use or reuse of the documents without written authorization or adaptation by the Consultant will be at the Client's sole risk and without liability to the Consultant, and the Client shall indemnify, defend and hold the Consultant harmless from all claims, damages, losses and expenses, including but not limited to attorneys' fees, resulting therefrom. The Consultant's electronic files and source code developed in the development of application code remain the property of the Consultant and shall be provided to the Client only if expressly provided for in this Agreement. Any electronic files not containing an electronic seal are provided only for the convenience of the Client, and use of them is at the Client's sole risk. In the case of any defects in the electronic files or any discrepancies between them and the hardcopy of the documents prepared by the Consultant, the hardcopy shall govern. Because data stored in electronic media format can deteriorate or be modified without the Consultant's authorization, the Client has 60 days to perform acceptance tests, after which it shall be deemed to have accepted the data.

PURSUANT TO FLORIDA STATUTES SECTION 558.0035 (2013) AN INDIVIDUAL EMPLOYEE OR AGENT OF MAE MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

Sampling or Testing Location – Unless specifically stated to the contrary, the fees included in this proposal do not include costs associated with professional land surveying of the site or the accurate horizontal and vertical locations of tests. Field tests or boring locations described in our report or shown on our sketches are based on specific information furnished to us by others or estimates made in the field by our technicians. Such dimensions, depths or elevations should be considered as approximations unless otherwise stated in the report.

Sample Handling and Retention – Generally test samples or specimens are consumed and/or substantially altered during the conduct of tests and MAE, at its sole discretion, will dispose (subject to the following) of any remaining residue immediately upon completion of test unless required in writing by the Client to store or otherwise handle the samples. (a) NON HAZARDOUS SAMPLES: At Client's written request, MAE will store test samples and specimens, or the residue thereof for ninety (90) days after submission of MAE's report to Client free of storage charges. After the initial 90 days and upon written request, MAE will store test specimens or samples for a mutually acceptable storage charge and period of time. (b) HAZARDOUS OR POTENTIALLY HAZARDOUS SAMPLES: In the event that samples contain substances or constituents hazardous or detrimental to human health, safety or the environment as defined by federal, state or local statutes, regulations, or ordinances ("Hazardous Substances" and "Hazardous Constituents", respectively), MAE will, after completion of testing and at Client's expense: (i) return such samples to Client; (ii) using a manifest signed by Client as generator, will have such samples transported to a location selected by Client for final disposal. Client agrees to pay all costs associated with the storage, transport, and disposal of such samples. Client recognizes and agrees that MAE is acting as a Bailee and at no time does MAE assume title of said waste.

Discovery of Unanticipated Hazardous Materials – Hazardous materials or certain types of hazardous materials may exist at a site where there is no reason to believe they could or should be present. MAE and Client agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work or termination of services. MAE and Client also agree that the discovery of unanticipated hazardous materials may make it necessary for MAE to take immediate measures to protect health and safety. MAE agrees to notify Client as soon as practicable should unanticipated hazardous materials or suspected hazardous materials be encountered. Client encourages MAE to take any and all measures that, in MAE's professional opinion, are justified to preserve and protect the health and safety of MAE's personnel and the public. Client agrees to compensate MAE for the additional cost of working to protect employees' and the public's health and safety. In addition, Client waives any claim against MAE, and agrees to defend, indemnify and save MAE harmless from any claim or liability for injury or loss arising from MAE's discovery of unanticipated hazardous materials or suspected hazardous materials. Client also agrees to compensate MAE for any time spent and expenses incurred by MAE in defense of any such claim, with such compensation to be based upon MAE's prevailing fee schedule and expense reimbursement policy relative to recovery of direct project costs.

Force Majeure – MAE shall not be held responsible for any delay or failure in performance of any part of this Agreement to the extent such delay or failure is caused by fire, flood, explosion, war, strike, embargo, government requirement, civil or military authority, acts of God, act or omission of subcontractors, carriers, client or other similar causes beyond its control.

8936 Western Way, Suite 12
Jacksonville, Florida 32256
Phone: (904)519-6990 Fax: (904)519-6992

F.R. ALEMAN
& Associates, Inc.
6196 Lake Gray Blvd., Ste. 101, Jacksonville, Florida 32073
Tel: (904) 779-5972 | Fax: (904) 779-5974

CONSULTING ENGINEERS & SURVEYORS
www.fr-aleman.com
FRAJax@fr-aleman.com

July 9th, 2018

GAI Consultants
ATTN: Robert E. Baxter, PE
Senior Engineering Manager
1301 Riverplace Blvd. Suite 900
Jacksonville FL 32207
r.baxter@gaiconsultants.com

RE: **DCP for Shiloh Mill Blvd and Gate Parkway**

SUBJECT: Price Proposal for Subsurface Utility Locating Services

Dear Mr. Baxter,

Per your request, F.R. Aleman & Associates, Inc. (FRA) is pleased to submit our proposal to provide subsurface utility locating services to your organization as follows:

25 Utility Test Holes @ $ 320.00 per Test Hole		=	$ 8,000.00
3 Hs of Project Management @ $ 140.06 per Hr.		=	$ 420.18
	Total	=	**$ 8,420.18**

DESCRIPTION OF SERVICES

GENERAL NOTES

FRA will provide subsurface utilities engineering (SUE) personnel, tools and specialized equipment to locate apparent underground public utilities. FRA is aware that utility test holes are being requested on an as needed basis, and exact locations have not yet been established. Utility Test Holes shall be performed per ASCE/CI 38-02 (Quality Level A) Standards. This proposal is based on public agencies allowing standard Maintenance of Traffic (MOT) (limited to Index 613) and typical daylight operations (8:00 AM – 5:00 PM). No permitting is included in this proposal, unless otherwise specified. Should permitting and/or additional MOT be required, this proposal may need revision. Restoration shall be limited to standard SUE practices. Should additional restoration become necessary, this proposal may need revision. FRA will be providing survey for this project only to collect the location and elevations associated with the Utility Test Holes.

UTILITY TEST HOLES

This service will include but not be limited to the following:

- Working in existing streets, roads, rights of way, etc., for excavating, measuring and recording the location, depth and condition of known underground utilities along project route.
- Excavation of test holes in such a manner as to prevent any damage to wrappings, coatings or other protective coverings (by use of vacuum/pressure excavations, hand digging, etc.).
- Furnishing and installation of color-coded, above ground, markers at grade level (e.g., PK nails, wooden hubs, and steel rods) directly above the centerline of the utility structure and recording the utility cover on the marker.
- Utility test holes shall not to exceed 225 sq. in. per cut.
- Cleanup of work sites to equal or better condition than before excavation.
- Backfill material shall be same or like material removed from test hole. No special backfill material is included in proposal.

CONDITIONS & EXCLUSIONS

Locating of underground utilities for pre-excavation:

- Utilities shall be marked per F.S. 556, prior to FRA field crew's work is to be performed. Following FRA work and prior to excavation, the contractor is responsible for securing locations of utilities through Sunshine One Call (800-432-4770) or 811.
- Utility locations are being provided to prevent or reduce the likelihood of utility conflicts and/or damage during excavation.
- Results are dependent upon field conditions at the time of locating services.

FRA will use its best efforts to locate utilities but cannot guarantee all underground public can be located. We have estimated approximately **<SEE SERVICE DESCRIPTIONS ABOVE>** for apparent underground public utilities. Should significantly more utilities be found, or if utilities cannot be located, more test holes may be required. If needed, any additional test holes will be at the same rate as above and only done at your direction.

FRA appreciates the opportunity to submit this proposal and looks forward to our association on this project. This proposal is valid for acceptance through **25 Utility Test Holes** after which it shall be subject to reconfirmation by FRA. If this proposal is accepted prior to the above date, this pricing will be in effect through **60 DAYS FROM QUOTE** after which time it shall be subject to review and adjustment by FRA.

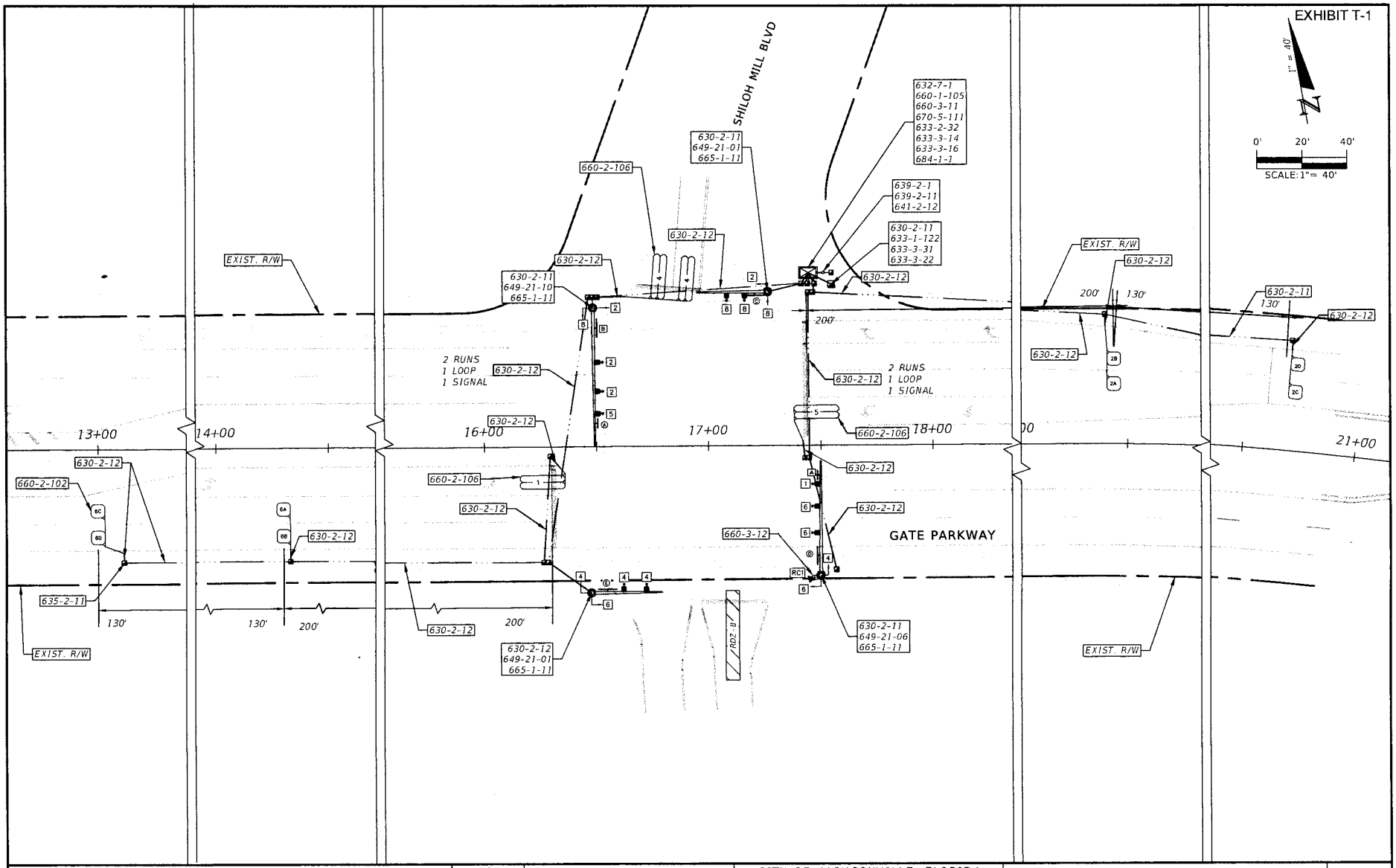
If you find this proposal acceptable, please sign the agreement in the spaces provided below and return the executed copy for our files, which will serve as your formal authorization for our services. We are prepared to commence work upon your authorization. Please do not hesitate to contact me if you have a question.

Sincerely,

Lis R. Tolstoy, PSM
Florida Regional Survey/SUE Director
FRAJax@fr-aleman.com

ACCEPTED AND AGREED:	
Client:	**GAI Consultants**
Approved By:	
Title:	
Date:	
Client Project No.	

EXHIBIT T-1



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

SIGNALIZATION PLAN

SHEET NO. 1

Tadlada, Alan 6/21/2018 4:51:32 PM

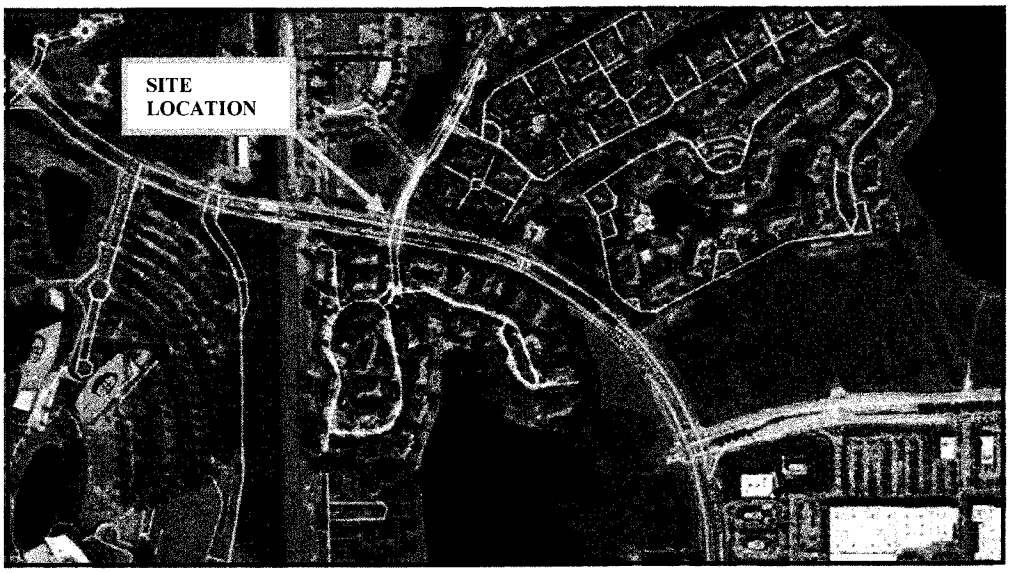
EXHIBIT T-1

REQUEST FOR PROPOSALS

FOR

DESIGN & CONSTRUCTION OF

SHILOH MILL BLVD AT GATE PARKWAY
TRAFFIC SIGNAL INSTALLATION AND
ROADWAY IMPROVEMENTS



DESIGN – BUILD CONSTRUCTION DELIVERY METHOD

CITY / COUNTY WIDE CONSTRUCTION IMPROVEMENT PROJECTS

RFQ-CDB-0006-16

DESIGN CRITERIA PACKAGE

PROCUREMENT DIVISION

DEPARTMENT OF PUBLIC WORKS
RELEASE DATE: JULY 16, 2018

PREPARED BY ENGINEERING & CONSTRUCTION MANAGEMENT DIVISION

CITY OF JACKSONVILLE, FLORIDA

SHILOH MILL BLVD AT GATE PARKWAY TRAFFIC SIGNAL INSTALLATION AND ROADWAY IMPROVEMENTS ROAD

RFQ-CDB–0006-16
RELEASE DATE – July 16, 2018

1. INTRODUCTION AND LOCATION:

This Design Criteria Package (DCP) specifies performance-based criteria for the design and construction of a traffic signal at the intersection of Gate Parkway North and Shiloh Mill Boulevard and roadway upgrades on Shiloh Mill Boulevard. The extent of the work shall follow those outlined in the Scope of Work provided in Section 3 and follow the drawings provided in Appendix A. The purpose of this DCP is to furnish sufficient information to allow a Design Build Firm to prepare a response to the City's request for proposal (RFP) and to permit the City to enter into scope and fees negotiations for an amendment to design build City Contract No. 6533-54.

The City right of way maps and any existing easements will be available upon request.

2. GENERAL:

The Design-Build firm is responsible for design, permitting, and construction as described in Section 4 of the RFQ CDB-0006-16. The Design Build Firm shall prepare and submit a Fee Proposal for the 100% design within twenty one (21) calendar days from the release date of the DCP. **Therefore, the Fee Proposal shall be submitted no later than 5:00 P.M. on August 6, 2018 to Kelsey Cox, P.E., at 214 N. Hogan Street, Ed Ball Building, 10th Floor, Jacksonville, Florida 32202.**

The Design Builder shall request a meeting (if needed) to discuss items pertaining to the proposed work within one week of the DCP issuance date. The Fee Proposal must include the proposed schedule for the tasks being performed up to and including the submittal of the final documents.

The provisions of the DCP represent the technical, material, and quality requirements for the foregoing project. The Design Build Firm is bound by these requirements for the duration of the project.

With the Fee Proposal J.B. Coxwell Contracting, Inc. shall provide the Guaranteed Maximum Price (GMP) and the Guaranteed Completion Date (GCD) for the 100% design. No more than one week after receiving the approved 100% design from J.B. Coxwell Contracting, Inc., the City shall commence negotiations to reach an agreement on terms of the GMP & GCD for the 100% design, permitting and construction of the traffic signal and roadway upgrades.

A DCP amendment for the design and construction plans for the construction of the proposed signal and roadway improvements may be issued at the City's initiative or at the request of the Design Build Firm, upon the approval by the City Engineer, if the amendment is in the best interest of the City.

The Design Criteria Professional (Kelsey Cox, P.E.) may amend the provisions of the Design Criteria Package after it has been released to the Design Build Firm, but before the expiration of the 21-day period designated for submittal of the Fee Proposal.

3. SCOPE OF WORK:

The Design Build Firm shall deliver their Fee Proposal for 100% design of a traffic signal at the intersection of Gate Parkway North and Shiloh Mill Boulevard and the milling and resurfacing on Shiloh Mill Boulevard approximately 50 feet to the north, based on this DCP. The resulting plans and specifications shall include all the information needed for the City to move forward with a separate scope and fees negotiations for 100% construction completion.

The work associated with this project includes:

- The DBF shall contact Sunshine State One-Call of Florida for underground utility locates. (100%)
- The DBF shall coordinate with utilities for conflict resolution. (100%)
- The DBF shall review City provided documents and surveying and request additional as necessary. (100%)
- The DBF shall provide a final geotechnical report that includes performing standard penetration borings (SPT) to 15 feet each in a frequency and pattern as outlined in the Land Development Procedures Manual. The soil samples shall be classified using the AASHTO Soils Classification System. (100%)
- The DBF shall apply for, and pursue to approval, all permits and reviews that will be required for the full and final construction of the right turn lane. (100%)
- All other work required to complete the work in accordance with the DCP. (100%)

The Design Build Firm shall be responsible to comply with the City and FDOT current standards.

4. PERMITS:

The DBF is responsible for applying for and attaining all permits required from the City and various agencies to perform the work associated with completion of this project per the RFQ CDB-0006-16. The 10-Set submittal shall be submitted at the 100% completion level of detail.

The DBF shall apply on behalf of the City, pay required application and permit fees and secure all approvals and permits from the City and the State regulatory agencies as required by law. Specifically, permits and approvals may be required from, but not limited to, the St Johns River Water Management District, the Florida Department of Environmental Protection, Us Army Corps of Engineers, the City 10-set review and any others as may be required for this project. The City will be given copies of the permit application documents and comment responses for all permits applied for.

In addition, the Design Build Firm shall coordinate with all applicable utility companies as required and pay all applicable fees. A limited list of utilities that may be within the construction area are provided in RFQ CDB-0006-16 along with their contact information.

The DBF shall provide the Design Criteria Professional the review and approval of all reports, plans and specifications at the 100% design, and 100% project development phases. At each

of these phases, the DBF shall provide the Design Criteria Professional with two sets of drawings, specifications and engineering calculations.

The DBF shall provide the Design Criteria Professional with five (5) sets of signed and sealed final plans, specifications, and engineering calculations prior to the Preconstruction Conference and the issuance of the Notice to Proceed. In addition, at the same time the DBF shall provide the Design Criteria Professional with the final documents consisting of two (2) copies of CDs with the electronic version of all contract documents (drawings (PDFs and AutoCAD format files), specifications (PDFs), engineering calculations (PDFs), permits and approvals (PDFs), and as-built drawings (PDFs and AutoCAD format files)).

END OF THE DESIGN CRITERIA PACKAGE

LIST OF APPENDICES

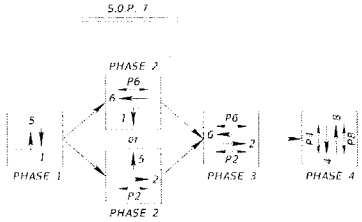
Appendix A **Figures**

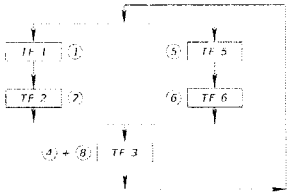
Appendix A

Figures

EXHIBIT T-1

CONTROLLER TIMINGS									
TIMING FUNCTION									
MOVEMENT NUMBER		1	2	3	4	5	6	7	8
TIMING FUNCTION	MINIMUM GREEN	4	18		7	4	18		7
	EXTENSION	2.5	2.5		2.5	2.5	2.5		2.5
	MAXIMUM GREEN 1	15	50		25	25	50		20
	MAXIMUM GREEN 2	10	45		20	20	45		15
	YELLOW CLEARANCE	4.3	4.3		3.7	4.3	4.3		3.7
	ALL RED	2.7	2.4		3.0	2.7	2.4		3.0
	PEDESTRIAN WALK		7		7		7		7
	PED. CLEARANCE		23		33		23		33
	RECALL	OFF	MIN		OFF	OFF	MIN		OFF





SECTION T660
VEHICLE DETECTION SYSTEM

T660-1 Description.
Furnish and install Wavetronix microwave vehicle presence detection system with E-Access for Ethernet communications in accordance with FDOT Specification 660.

T660-2 Materials and Equipment.

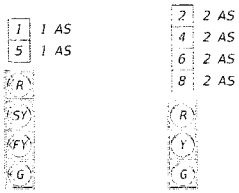
T660-2.1 General: Ensure microwave detection equipment is fully compatible with the existing City of Jacksonville Trafficware Advanced Traffic Management System (ATMS). The system shall consist of all detectors, mounting hardware, cables, surge suppressors, interface devices and controller cabinet equipment needed to operate with the traffic signal controller and cabinet. The system shall be installed per the manufacturer's requirements.

T660-2.2 Aboveground Equipment: Provide Wavetronix, Microwave Model SS-225 SmartSensor Matrix and associated equipment to ensure proper operation for stop bar detection as indicated in the plans.

T660-2.3 Cabinet Equipment: Provide Wavetronix Click 650 Module and associated equipment to assure proper operation of the detectors.

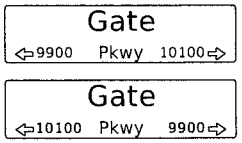
T660-3 Method of Measurement.
Meet the requirements of FDOT Specification 660.

T660-4 Basis of Payment.
Meet the requirements of FDOT Specification 660.



4-SECT., 1-WAY
2 AS
650-1-16

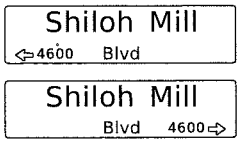
3-SECT., 1-WAY
8 AS
650-1-14



B
2 AS
700-5-22
96" X 24"

PED. SIGNAL
COUNT-DOWN
1-SECT., 2-WAY
4 AS
653-1-12

A
2 AS
700-3-201
30" X 36"
R 10-27 MOD



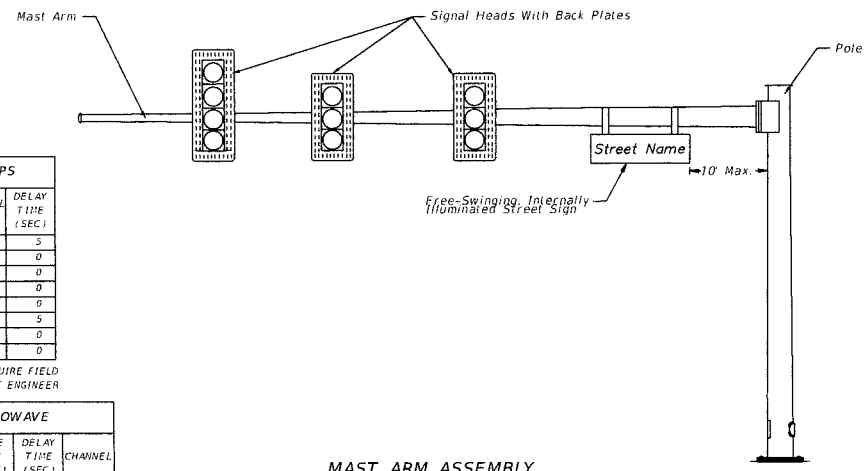
C
2 AS
700-5-22
96" X 24"

DETECTORS FOR LOOPS				
MOVEMENT	LOOP ID	DET ID	CHANNEL NO.	DELAY TIME (SEC)
1	L-1	D1	CH1	5
2	L2-A,B	D2	CH1	0
2	L2-C,D	D2	CH2	0
4	L-4	D1	CH1	0
4	L-4	D2	CH2	0
5	L-5	D5	CH1	5
6	L6-A,B	D6	CH1	0
6	L6-C,D	D6	CH2	0

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.

DETECTORS FOR MICROWAVE						
DET ID	RADAR CAMERA NO.	RDZ ID	DET OPERATION	ZONE DIM (LxW)	DELAY TIME (SEC)	CHANNEL
1	RC1	RDZ-8	NORMAL	40'X6'	8	1

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.



MAST ARM ASSEMBLY
ILLUMINATED SIGN DETAIL

NOTES:

1. THE MAJOR STREET IS GATE PARKWAY, MOVEMENTS 1, 2, 5 AND 6.
   THE MINOR STREET IS SHILOH MILL BOULEVARD, MOVEMENTS 4 AND 8.
2. POSTED SPEEDS:

   SHILOH MILL BOULEVARD IS 30 MPH.

   GATE PARKWAY IS 45 MPH.
3. IMPLEMENTATION OF TIMING PATTERNS AND CONTROLLER TIMINGS SHALL BE PERFORMED BY THE CONTRACTOR.
4. FLASHING OPERATION SHALL BE CIRCULAR YELLOW ON HEADS 2 AND 6 AND RED ON HEADS 1, 4, 5 AND 8. ALL PEDESTRIAN MOVEMENTS SHALL REMAIN DARK.
5. SIGNAL OPERATING PLAN SHALL BE SOP 7 IN ACCORDANCE WITH FDOT INDEX 17870.
6. THE CONCURRENT/ACTUATED PEDESTRIAN MOVEMENT IS AS FOLLOWS:
   P2 ON MOVEMENT 2, P4 ON MOVEMENT 4, P6 ON MOVEMENT 6 AND P8 ON MOVEMENT 8.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

SIGNALIZATION PLAN

SHEET NO. 2

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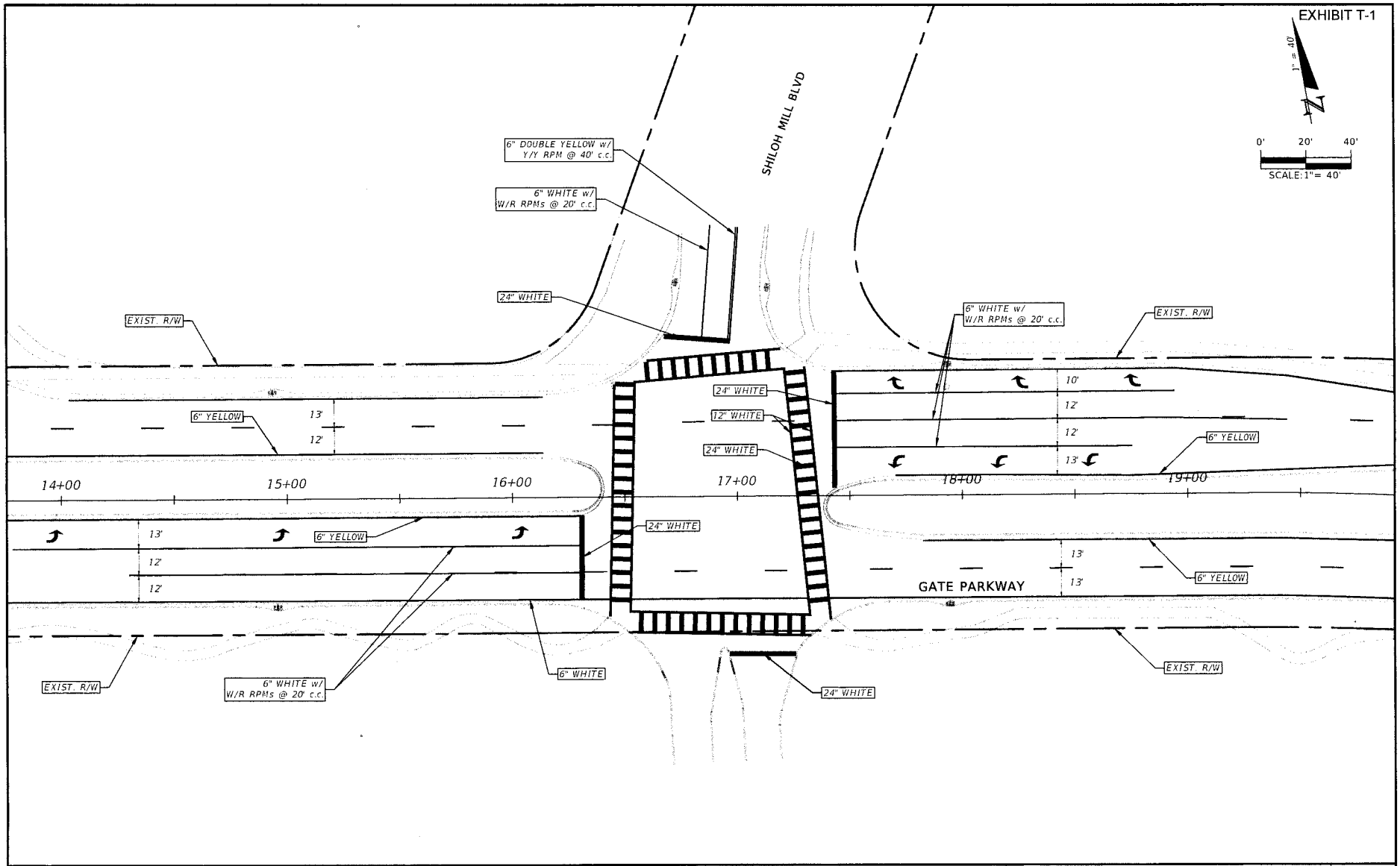
EXHIBIT T-1



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

STRIPING PLAN

SHEET NO. 3

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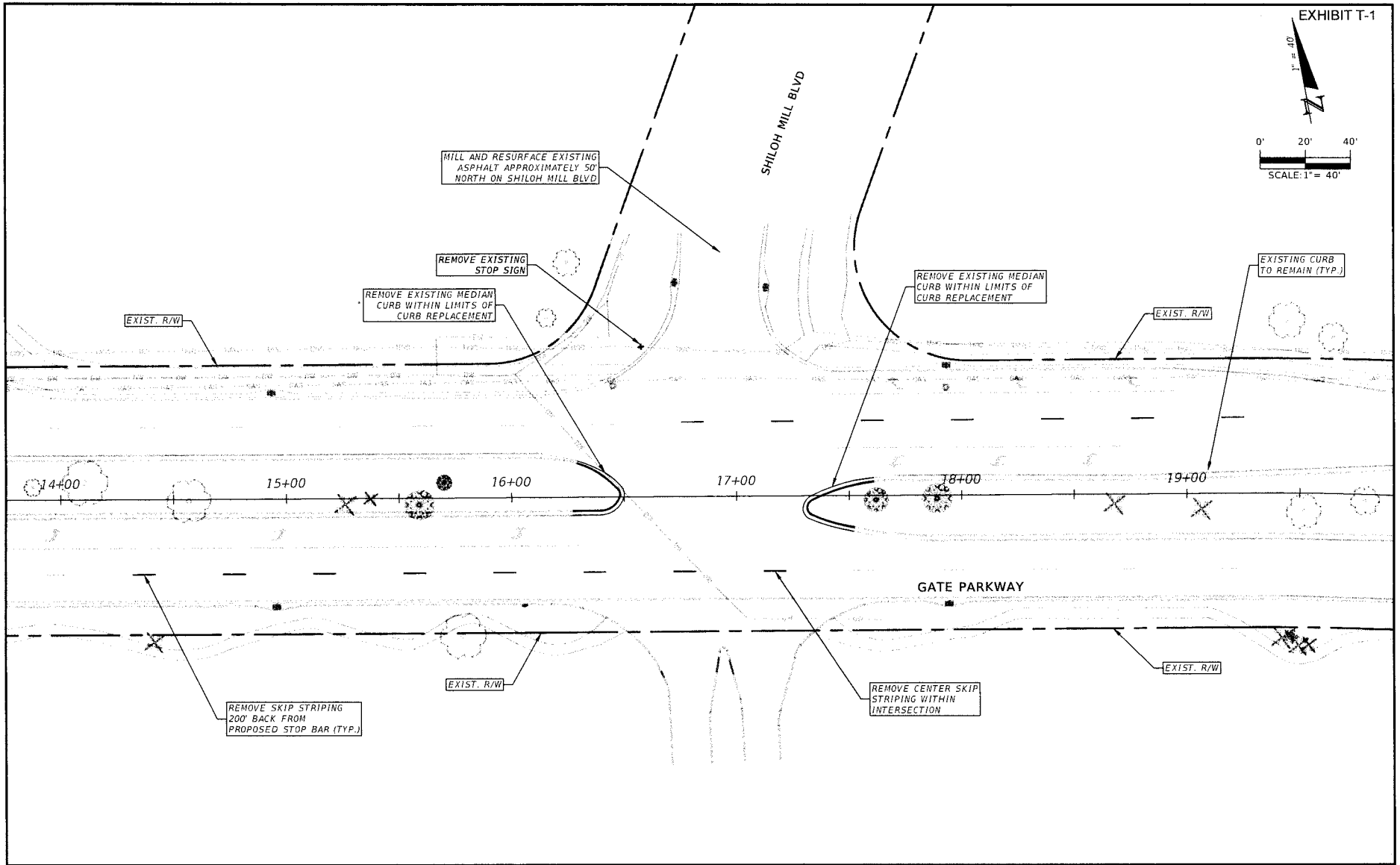
EXHIBIT T-1



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

DEMOLITION PLAN

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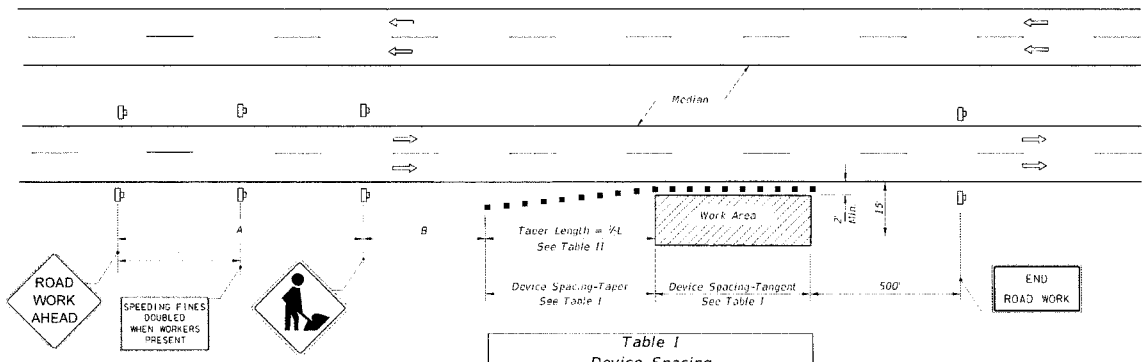
EXHIBIT T-1



DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

* 250' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II
Taper Length - Shoulder

Speed (mph)	½L (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L=\frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	L=WS
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width.

½L = Length of shoulder taper in feet

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

SYMBOLS

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

GENERAL NOTES

1. When a high volume of work vehicles are entering and leaving the Work Area at speeds slower than 10 MPH below the posted speed, place an MOT-3-96 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
2. This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
3. When work is being performed on a multilane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
4. WORKERS signs to be removed or fully covered when no work is being performed.
5. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
6. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
7. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. Signs and channelizing devices may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

LAST REVISION	REVISION	DESCRIPTION:	FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK ON SHOULDER	INDEX NO.	SHEET NO.
01/01/16					612	1 of 1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 5

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EXHIBIT T-1

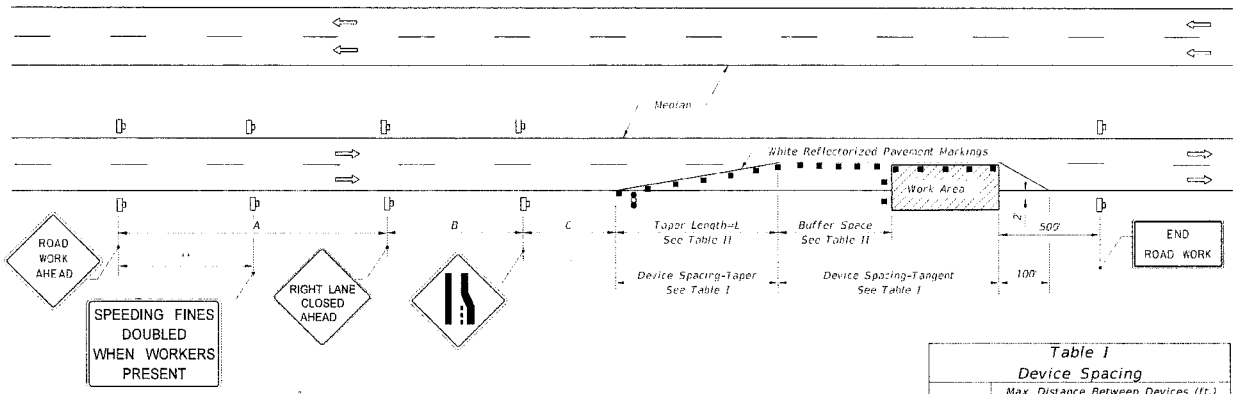

Table II
Buffer Space and Taper Length

Speed (mph)	Buffer Space	Taper Length (12' Lateral Transition)	
	Dist. (ft.)	L (ft.)	Notes (Merge)
25	155	125	L = WS²/60
30	200	180	
35	250	245	
40	305	320	
45	360	540	
50	425	600	
55	495	660	L = WS
60	570	720	
65	645	780	
70	730	840	

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

For lateral transitions other than 12', use formula for L shown in notes column. Where:

L = Length of taper in feet
W = Width of lateral transition in feet
S = Posted speed limit (mph)

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350
50 mph	500	500	500
*55 mph or greater	2640	1640	1000

* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign and the RIGHT LANE CLOSED ½ MILE sign may be used as an alternate to the RIGHT LANE CLOSED AHEAD sign.

** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

GENERAL NOTES

1. Work operations shall be confined to one traffic lane, leaving the adjacent lane open to traffic.
2. On undivided highways the median signs as shown are to be omitted.
3. When work is performed in the median lane on divided highways, the channelizing device plan is inverted and left lane closed and lane ends signs substituted for the right lane closed and lane end signs.

   The same applies to undivided highways with the following exceptions:
   a. Work shall be confined within one median lane.
   b. Additional barricades, cones, or drums shall be placed along the centerline abutting the work area and across the trailing end of the work area.

   When work on undivided highways occurs across the centerline so as to encroach on both median lanes, the inverted plan is applied to the approach of both roadways.
4. Signs and traffic control devices are to be modified in accordance with INTERMITTENT WORK STOPPAGE details (sheet 2 of 2) when no work is being performed and the highway is open to traffic.
5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. When paved shoulders having a width of 8 ft. or more are closed, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the travel way. See Index No. 612 for shoulder taper formulas.
7. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.
8. This TCZ plan does not apply when work is being performed in the middle lane(s) of a six or more lane highway. See Index No. 614.
9. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. Temporary white paving may be omitted for work operations less than 3 consecutive calendar days.
2. For work operations up to approximately 15 minutes, signs, channelizing devices, arrow board, and buffer space may be omitted if all of the following conditions are met:
   a. Speed limit is 45 mph or less.
   b. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
   c. Volume and complexity of the roadway has been considered.
   d. The closed lane is occupied by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GWVR) of 16,001 lb with high-intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.
3. For work operations up to 60 minutes, arrow board and buffer space may be omitted if conditions a, b, and c in DURATION NOTE 2 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

SYMBOLS

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Advance Warning Arrow Board

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE LANE ADJACENT TO EITHER SHOULDER AND THE AREA 2' OUTSIDE THE EDGE OF TRAVEL WAY.

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK WITHIN TRAVEL WAY MEDIAN OR OUTSIDE LANE	INDEX NO.	SHEET NO.
01/01/16					613	1 of 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 6

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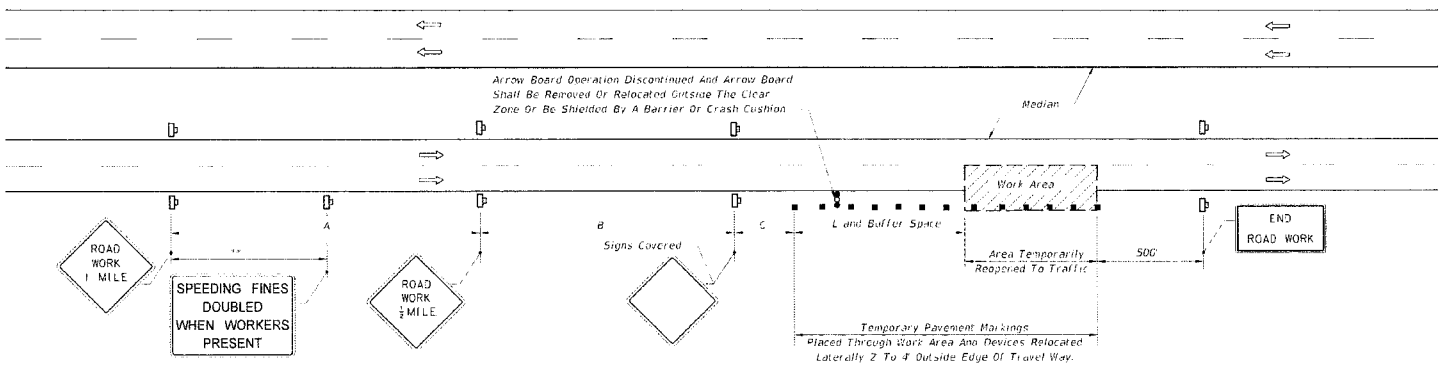
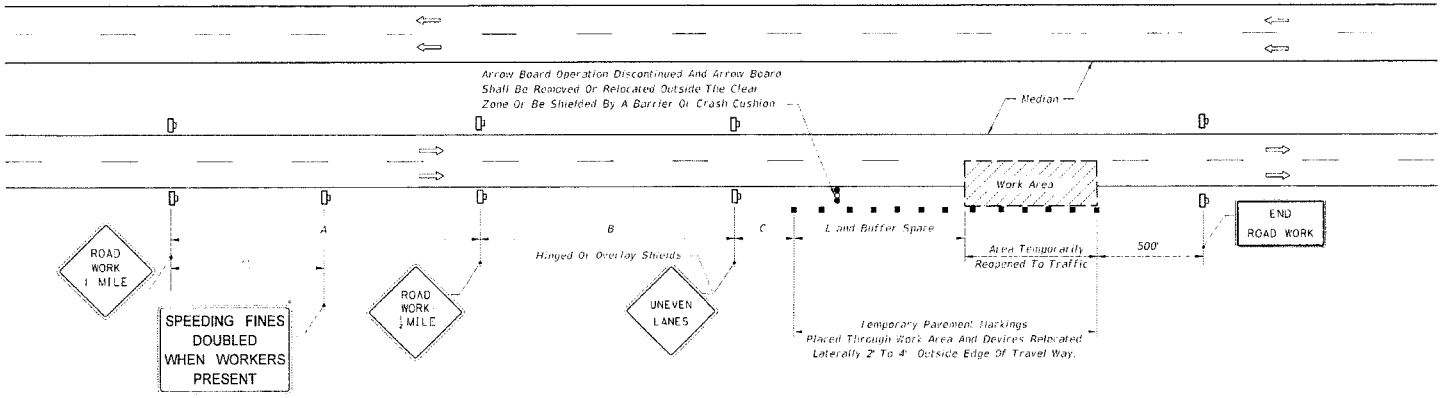
EXHIBIT T-1



EVEN PAVEMENT



UNEVEN PAVEMENT

INTERMITTENT WORK STOPPAGE - LANE REOPENED TO TRAFFIC

LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK WITHIN TRAVEL WAY MEDIAN OR OUTSIDE LANE	INDEX NO.	SHEET NO.
07/01/15						613	2 of 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 7

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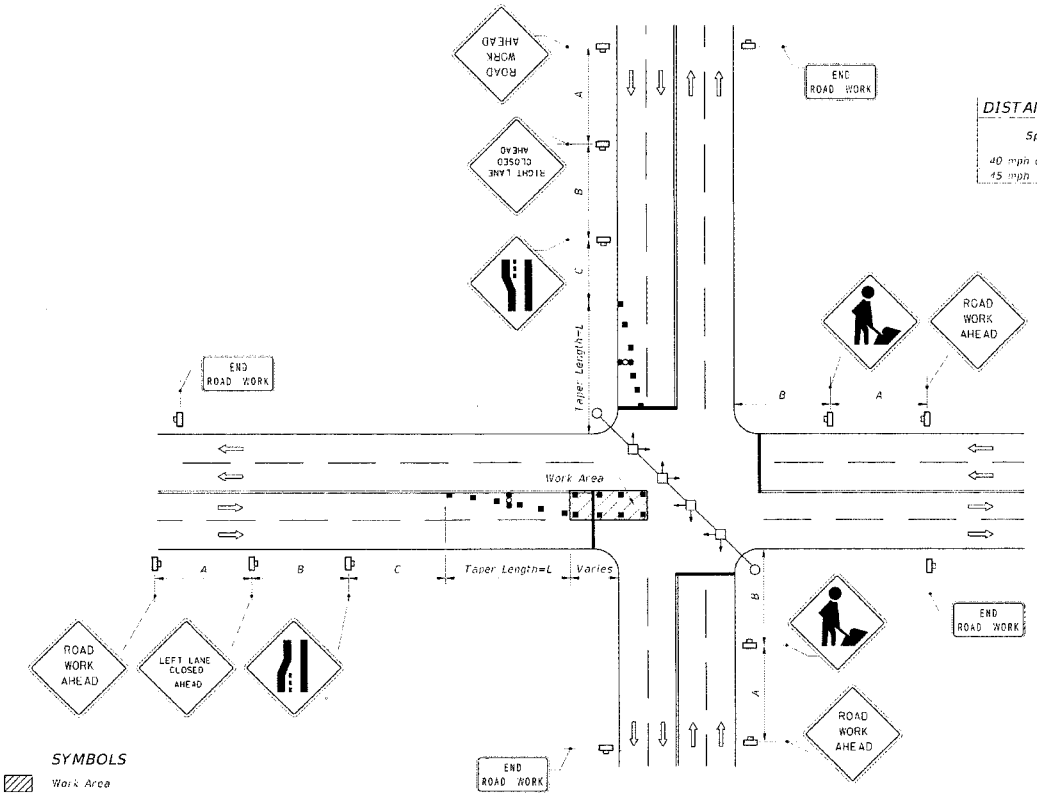
EXHIBIT T-1



SIGNALIZED

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.) A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

Table II
Taper Length - Merge
(12' Lateral Transition)

Speed (mph)	L (ft.)	Notes (Merge)
25	125	
30	180	$L = \frac{WS^2}{60}$
35	245	
40	320	
45	540	L=WS

For lateral transitions other than 12', use formula for L shown in the notes column. Where:
L = Length of taper in feet
W = Width of lateral transition in feet
S = Posted speed limit (mph)

GENERAL NOTES

1. The WORKERS legend sign may be substituted for the symbol sign.
2. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index No. 17302.
3. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
4. Dual signs are required for divided roadways.
5. Maximum spacing between barricades, vertical panels, cones, tubular markers and drums shall not be greater than 25'.
6. Temporary signal phasing modifications are to be approved by the District Traffic Operations Engineer prior to the beginning of work.
7. For general TCZ requirements and additional information, refer to Index No. 600.

SYMBOLS

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Stop Bar
- Advance Warning Arrow Board
- Lane Identification + Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF AT LEAST ONE MEDIAN TRAFFIC LANE.

DURATION NOTES

1. Signs and arrow board may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Speed is 45 mph or less.
   c. No sight obstructions to vehicles approaching the work area for a distance equal to twice the taper length.
   d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e. Volume and complexity of the roadway has been considered.

LAST REVISION	REVISION	DESCRIPTION:	FY 2017-18 DESIGN STANDARDS	MULTILANE WORK IN INTERSECTION	INDEX NO.	SHEET NO.
07/01/15					615	1 of 1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 8

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EXHIBIT T-1

GENERAL NOTES

1. Work operations shall be confined to either one lane, or lane combinations as follows.

   a. Outside travel lane;
   b. Outside auxiliary lane;
   c. Outside travel lane and adjoining auxiliary lane;
   d. Inside travel lane ;
   e. Inside auxiliary lane ;
   f. Inside travel lane and adjoining auxiliary lane ;
   g. See Sheet 3

   If the work area is confined to an auxiliary lane the work area shall be barricaded and the RIGHT (LEFT) LANE CLOSED AHEAD signs replaced by ROAD WORK AHEAD signs, and the merge symbol signs eliminated.

2. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index No. 17302.

3. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.

4. Signs are required on the median side for divided highways.

5. The two channelizing devices directly in front and directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.

6. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. For work operations up to approximately 15 minutes, signs, channelizing devices, and arrow board may be omitted if all of the following conditions are met.

   a. Speed limit is 45 mph or less.
   b. No sight obstructions to vehicles approaching the work area for a distance equal to twice the taper length.
   c. Volume and complexity of the roadway has been considered.
   d. The closed lane is occupied by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GWVR) of 16,001 lb with high intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.

2. For work operations up to 60 minutes, the arrow board may be omitted if conditions a, b, and c in DURATION NOTE 1 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

SYMBOLS

- Work Area
- Work Zone Sign
- Advance Warning Arrow Board
- Type III Barricade
- Channelizing Device (See Index No. 600)
- Lane Identification + Direction of Traffic

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX NO.	SHEET NO.
07/01/15					616	1 of 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
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CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 9

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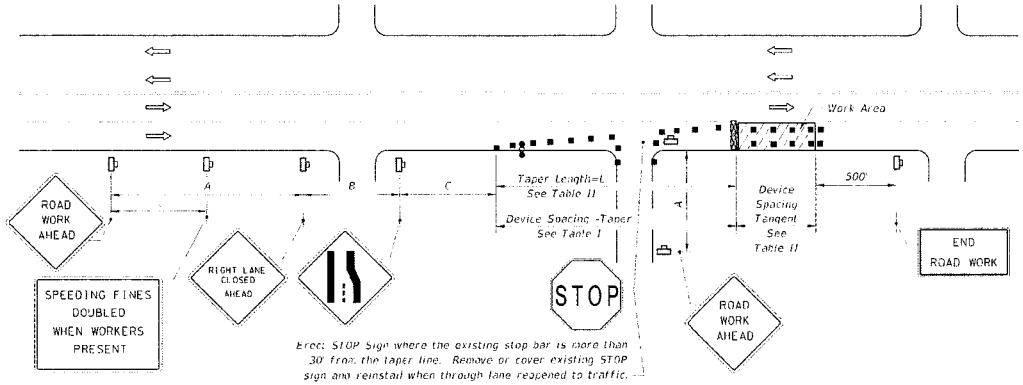
EXHIBIT T-1

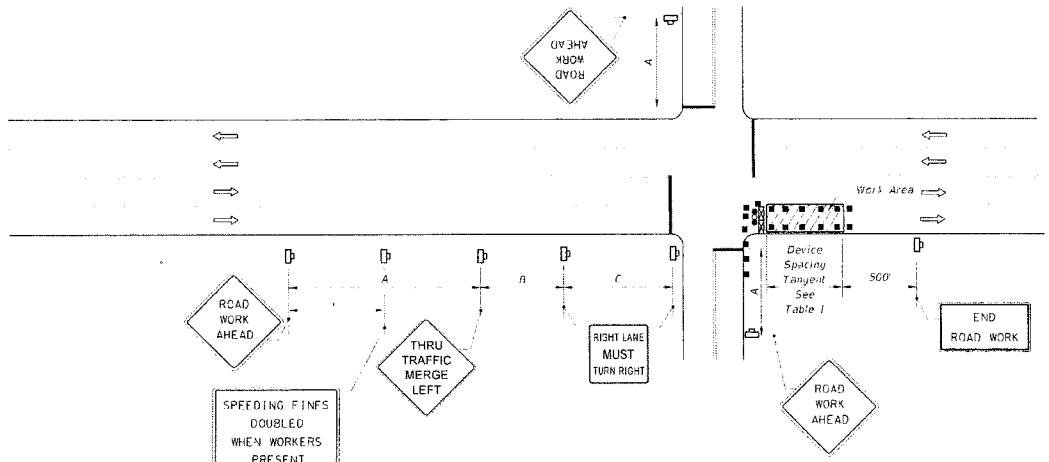


RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET

DISTANCE BETWEEN SIGNS			
Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50



RIGHT LANE CLOSED ON FAR SIDE OF INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft)	Notes (Merge)
25	125	L = WS²/60
30	180	
35	245	
40	320	L=WS
45	540	

For lateral transitions other than 12', use formula for L shown in the notes column. Where:
L = Length of taper in feet
W = Width of lateral transition in feet
S = Posted speed limit (mph)

1. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turns only as shown in this detail.
2. For intersection approaches reduced to a single lane, left turning movements may be prohibited to maintain capacity for through vehicular traffic.

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX NO.	SHEET NO.
07/01/15					616	2 of 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 10

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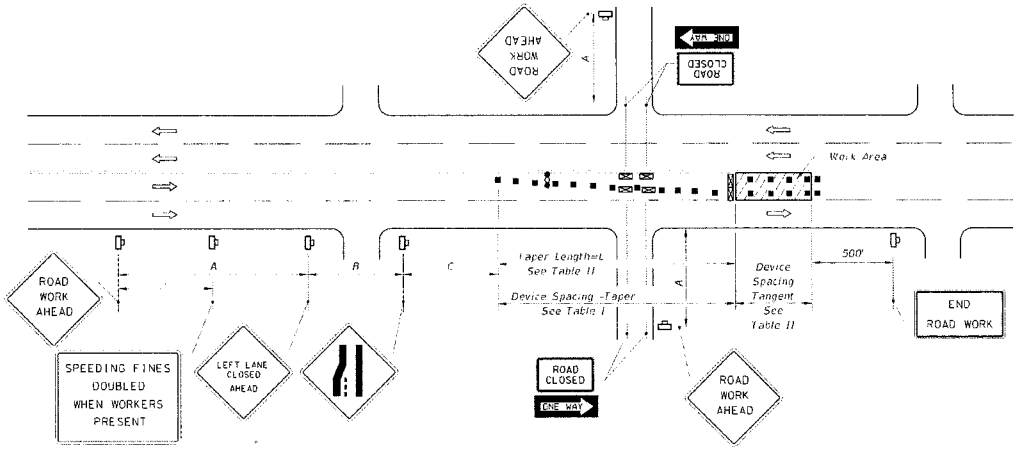
EXHIBIT T-1

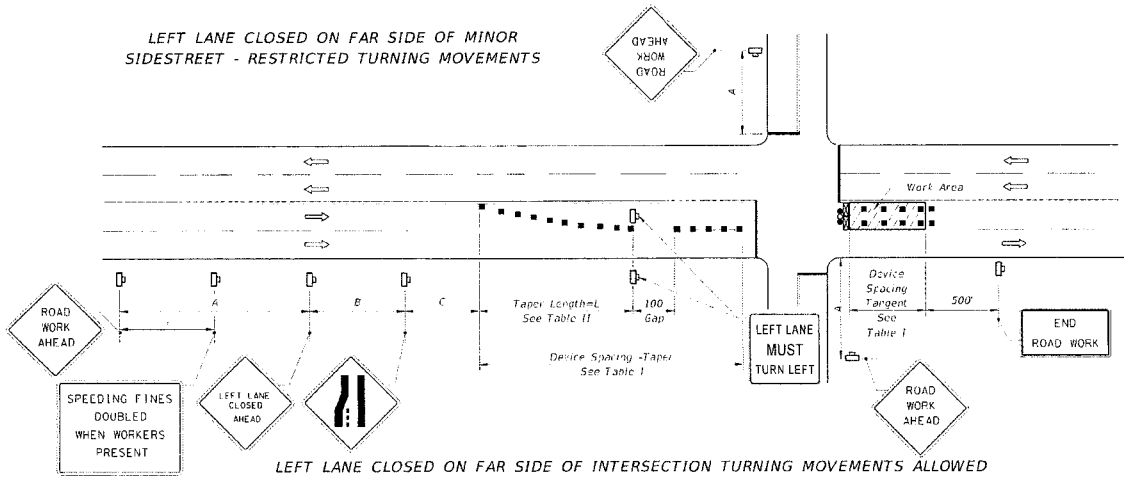


LEFT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET - RESTRICTED TURNING MOVEMENTS

DISTANCE BETWEEN SIGNS			
Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	50	50



LEFT LANE CLOSED ON FAR SIDE OF INTERSECTION TURNING MOVEMENTS ALLOWED

Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft.)	Notes (Merge)
25	125	
30	180	L = WS²/60
35	245	
40	320	
45	540	L = WS

For lateral transitions other than 12', use formula for L shown in the notes column. Where:
L = Length of taper in feet
W = Width of lateral transition in feet
S = Posted speed limit (mph)

1. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a left lane having significant left turning movements, then the left lane may be reopened as a turn bay for left turns only as shown in this detail.

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX NO.	SHEET NO.
07/01/15					616	3 of 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 11

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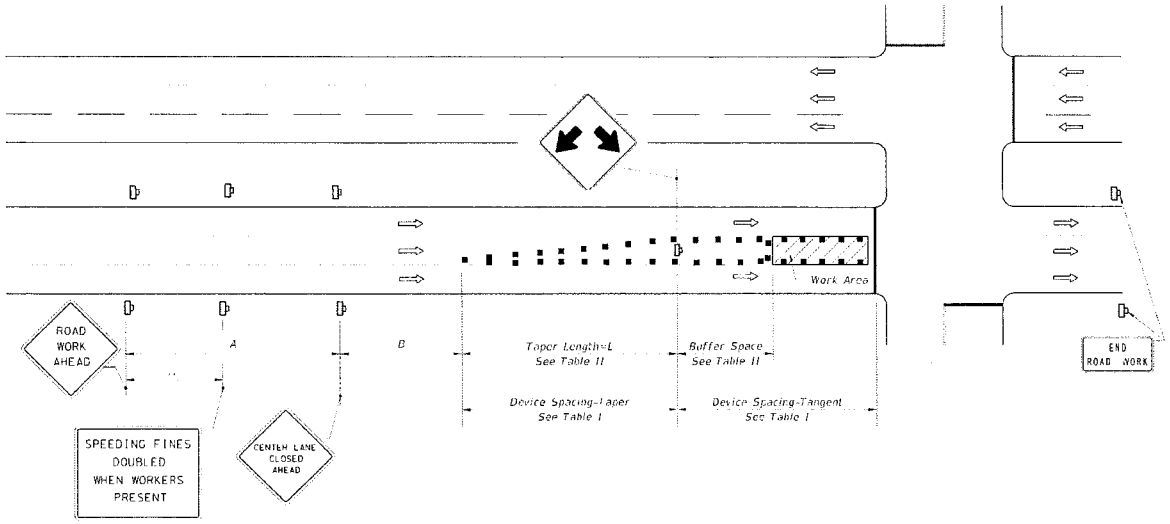
EXHIBIT T-1



** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Barricades or Vertical Type I or Type II Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

Table II
Buffer Space and Taper Length

Speed (mph)	Buffer Space	Taper Length (12' Lateral Transition)	
	Dist. (ft.)	L (ft.)	Notes (Merge)
25	155	125	
30	200	180	L = WS² / 60
35	250	245	
40	305	320	
45	360	540	L = WS

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

For lateral transitions other than 12', use formula for L shown in the notes column.
Where:
L = Length of taper in feet
W = Width of lateral transition in feet
S = Posted speed limit (mph)

GENERAL NOTES

1. Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.
2. The merging taper shall direct vehicular traffic into either the right or left lane, but not both.
3. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index No. 17302.
4. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
5. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. Signs and buffer space may be omitted if all of the following conditions are met:

a. Work operations are 60 minutes or less.
b. Speed limit is 45 mph or less.
c. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
e. Volume and complexity of the roadway has been considered.

SYMBOLS

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Advance Warning Arrow Board
- Lane Identification + Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF THE CENTER LANE NEAR AN INTERSECTION.

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	MULTILANE, WORK IN INTERSECTION CENTER LANE	INDEX NO.	SHEET NO.
07/01/15					617	1 of 1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
KELSEY R. COX, P.E. #81261
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
6/21/2018	AMT	

MAINTENANCE OF TRAFFIC PLAN

SHEET NO. 12

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SUBJECT: RFQ- FOR DESIGN- BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

BID # CDB-0006-16

OPEN DATE: 10/21/2015

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on January 28, 2016. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order):

2) Archer-Western – 118.25
3) Callaway Contracting, Inc. - 100
1) J.B. Coxwell Contracting, Inc. - 121.5

Recommend approval of award to J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and ranking above. Period of Service will be five (5) years from effective date of contract with funding not-to-exceed $6,000,000.00 annually. To be executed by formal contract through Office of General Counsel.

Attachments: Recommendation Memo, Scoring Matrix, Previous Award

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY REASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Thomas N. Fallin, P.E., Acting Chief-Engineering & Construction Management Division

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)

ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 2/4/16

OTHER _____

ACTION OF AWARDING AUTHORITY

DATE 2/04/16

MR APPROVED ✓ DISAPPROVED: _____

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of
Executive Order No. 2015-05

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

SUBJECT: RFQ- FOR DESIGN- BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS
BID # CDB-0006-16

OPEN DATE: 10/21/2015

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: DEPARTMENT OF PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 5 OTHER: 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
The City had previously issued this RFP, and the evaluation committee has evaluated proposals. Based upon the proposal evaluation, the average scores and rankings are as follows (Listed in alphabetical order):

2) Archer-Western Contractors, LLC. – 91
1) J.B. Coxwell Contracting- 92
3) Callaway Contracting- 74

Pursuant to Section 2.6 – Award of Contract of the RFP, recommend approval to conduct formal interviews with each of the three-top ranked Firms.

Attachments: Recommendation Memo, Scoring Matrix, Bid Tabulation, Section 2.6, JSEB Letter

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: William J. Joyce, P.E., Chief-Engineering & Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5

MEMBERS DISAPPROVING

DATE: 12-30-15

OTHER

ACTION OF AWARDING AUTHORITY

NR APPROVED ✓

DATE 1/01/16

OTHER:

DISAPPROVED:

SIGNATURE OF AUTHENTICATION

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No. 2015-05

FISCAL MO/YEAR : 01 2019 CURRENCY CODE :
INDEX CODE : PWSD114FAIR FAIR SHARE EXPENDITURES
SUBOBJECT : 06505 OTHER CONSTRUCTION COSTS
PROJECT : PW0808 SOUTHSIDE BOULEVARD
PROJECT DETAIL : 01 SOUTHSIDE BLVD/BELFORT RD/JTB TRANS IMPR
GRANT :
GRANT DETAIL :
USER CODE :

S	OCT 2018	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	.00	3,035,105.00
EXPENDITURES	.00	.00	253.83
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	.00	3,034,851.17

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED