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 Temporary Fire Station No. 63 Site project in accordance with subject bid.

Recommend approval of award to J. B. Coxwell Contracting, Inc., in the guaranteed maximum price not-to-exceed $274,907.50, which includes a contingency of $10,000.00. The scope of award is to provide civil construction related services for Temporary Fire Station No. 63 located at 6530 Gate Parkway. This incorporates the attached, scope and fee summary, Exhibit "Z-1", with guaranteed completion of 120 days from issuance of notice-to-proceed.

Funding for this award is to be executed by Amendment 24A for contract # 6533-54 and encumbered by account: FRCP32EFS-069505-FR0040-02- $245,265.19; FRCP32EFS-069505-FR0040-01- $29,642.31

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

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Ed Starnes, P.E., J.D., Acting Chief, Engineering and Construction Management/ Kurtis Wilson, Director, Fire and Rescue Department**

(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.

January 2, 2019

TO: Gregory W. Pease
Chief of Procurement

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

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

Kurt Wilson, Director
Fire and Rescue

SUBJECT: CDB-0006-16 – Design-Build Services - Horizontal & Civil Engineering – Temporary Fire Station No. 63 Site Project AMENDMENT 24A

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., to provide civil construction related services for Temporary Fire Station No. 63 located at 6530 Gate Parkway. Negotiations have resulted in the attached Scope and Fee, Exhibit Z-1 for the GMP amount of $274,907.50, which includes a contingency of $10,000.00 for this work and allows for 120 days from the 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 Z-1 for Temporary Fire Station No. 63 Site for the GMP amount of $274,907.50, known as Amendment 24A.

To be encumbered as follows:

FRCP32EFS-069505-FR0040-02	$245,265.19
FRCP32EFS-069505-FR0040-01	$29,642.31
TOTAL	$274,907.50

ES/ab

Attachment: Exhibit Z-1

ab

Exhibit Z-1

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

December 5, 2018

Maria C. Williams, 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 Temporary Fire Station No. 63 Site
100% Design, Permitting and Construction Services
Design-Build Construction Delivery for City of Jacksonville-RFQ CDB-0006-16
City Contract No. 6533-54

Dear Ms. Williams:

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 the 100% construction services associated with the above referenced project. This proposal is based on the COJ's email dated October 12th, 2018, and plans dated October 2018, with an 11-21-18 revision date. The scope of the work is generally described as providing the civil construction related services for temporary fire station No. 63 located at 6530 Gate parkway. The City of Jacksonville will provide the approved construction drawings and permits required for this project. The scope of work by JBCCI includes the site preparation, minor clearing in the ROW for the new driveway, and utility connections, new water and sewer utility connections for the temporary trailer (stubbed to 5 feet from the building), general grading and earthwork for the proposed site grades, new sidewalk, gravel parking lot (either GAB or RCA depending on availability), concrete ADA parking space, and new entrance for the emergency vehicles. This project does not include drainage improvements, non-specified utility improvements, lighting, signal, or other roadway construction. The full details of the proposed improvements that served as the basis for this proposal are per the plans dated October 2018, with 11-21-18 revisions and as outlined on the attached proposal.

As detailed on the attached documentation, the proposed total lump sum GMP amount for the construction is Two Hundred Seventy-Four Thousand Nine Hundred Seven Dollars and Fifty Cents ($274,907.50) which includes a project contingency of $10,000.00. 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 by the City of Jacksonville prior to the commencement of JBCCI's construction phase. The civil construction will be completed within one hundred twenty days (120) from notice-to-proceed (after receipt of permits from COJ).

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. Our proposal does not include tree mitigation fees, wetland mitigation fees as these fees are typically paid direct by the City of Jacksonville. 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.

Maria, 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 Z-1

12/05/2018
Est.No. 18140

JBCCI Estimate for COJ Design-Build Project- Temporary Site for Fire Station No. 63

BID TOTALS

Biditem	Description	Quantity	Units	Unit Price	Bid Total
1	COJ Permits (ROW, Site Work/Clearing, NPDES (NOI	1.000	LS	1,659.000	1,659.00
2	JBCCI Supervision and Administration	1.000	LS	31,083.000	31,083.00
3	Quality Control/ Geotech Testing Allowance	1.000	LS	2,500.000	2,500.00
4	Health & Safety (Portolet, Ice, Water)	1.000	LS	1,425.000	1,425.00
5	Construction Survey & As-Built Drawings	1.000	LS	7,258.000	7,258.00
6	Pre-Construction Video & Project Sign	1.000	LS	1,660.000	1,660.00
7	Equipment Mobilization/ Demobilization	1.000	LS	3,980.000	3,980.00
20	Site Preparation	1.000	LS	12,290.000	12,290.00
30	MOT	1.000	LS	6,885.000	6,885.00
40	Erosion Control	1.000	LS	4,995.000	4,995.00
50	General Site Grading & Imported Fill	1.000	LS	25,925.000	25,925.00
52	Fine Grade for Concrete Work	1.000	LS	3,200.000	3,200.00
58	Fine Grade Site for Grassing After Other Trades	1.000	LS	6,400.000	6,400.00
60	Stabilizaed Subgrade for Rock & Concrete	1,100.000	SY	9.650	10,615.00
70	12" Rock Base (GAB or RCA based on availability)	850.000	SY	36.200	30,770.00
80	Concrete Driveway (6" w/ 4,000 PSI) (Plain)	110.000	SY	71.500	7,865.00
85	Replace COJ Standard Curb & Gutter	200.000	LF	21.000	4,200.00
90	Concrete Sidewalk (4" w/ 2,500 PSI) (Plain)	130.000	SY	42.750	5,557.50
100	2" Water Service with 10x2 Tap on Existing 10" WM	1.000	LS	12,945.000	12,945.00
110	6" Sanitary Sewer Svc w/ 2 Clean-Outs	1.000	LS	24,780.000	24,780.00
120	Rdwy Repair Patch for Sewer Connection	1.000	LS	13,490.000	13,490.00
130	Temporary Grassing (HydroSeed Disturbed Areas)	2,500.000	SY	1.000	2,500.00
140	HandiCap Parking Spot Sign & Striping	1.000	EA	895.000	895.00
150	End of Job Clean-up	1.000	LS	5,070.000	5,070.00
200	Engineering and Permitting Assistance (Allowance)	1.000	LS	10,000.000	10,000.00
300	Construction Contingency	1.000	LS	10,000.000	10,000.00
400	100% P&P Bond	1.000	LS	2,480.000	2,480.00
500	JBCCI Design Build Fee	1.000	LS	24,480.000	24,480.00
			Bid Total ==========>		$274,907.50

Clarifications/ Exclusions;

Based on plans by COJ Engineering, Project No. 2018-0118, Temporary Fire Station No. 63, plans dated October 2018, with 11/21/18 revision.

1) Estimate does not include any fees associated with tree mitigation (tree removal, planting, or mitigation fees).
2) Estimate based on plans being permitted by COJ, fees by COJ for permits and associated fees.
3) Estimate does not include any electric, lighting, communications, or other non-specified utility work.
4) One mobilization is included, assumes the COJ will award all options at one time.
5) Estimate assumes COJ will provide all temporary or permanent easements, and construction access agreements.
6) Estimate assumes COJ will provide all existing survey information and provide a benchmark for the project.
7) Estimate assumes all work to be performed in accordance with the COJ specifications.
8) Estimate does not include any work associated with any relocation or new irrigation/ landscaping services (other than grassing impacted areas), as this will be performed by others.
9) 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
10) 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.
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.

Exhibit Z-1

CITY OF JACKSONVILLE PUBLIC WORKS DEPARTMENT

TEMPORARY FIRE STATION NO. 63

6530 GATE PARKWAY

PROJECT № 2018-0118

CITY OF JACKSONVILLE NOTES

GENERAL

All construction shall be performed in accordance with the approved plans and comply with all standard city policies and practices. City approval is contingent upon any required state or federal permit approvals such as those from the Department of Environmental Protection or the St. Johns River Water Management District (SJRWMD).

UTILITY WORK

Plan approval through Development Services does not include utilities. Proposed water, sewer or reuse, service/laterals must be approved separately through the respective utility company. In most cases, this will be:

JEA Water & Sewer
Water & Sewer Plans
Attention: R. Todd
Water@jea.com / Sewer@jea.com / Reuse@jea.com

WORK WITHIN THE RIGHT-OF-WAY

CITY: Except for new subdivision infrastructure construction, all work performed within a City of Jacksonville right-of-way or easement requires a Right-of-way Permit. The contractor performing the proposed work must have a current Right-of-way Bond on file with Development Services. Right-of-way Permit applications are processed at:

Development Services Service Center
Ground Floor Building, 214 North
214 N. Hogan St.
Jacksonville, FL 32202
(904) 255-8590
www.coj.net/permitting

STATE: All work performed within a state right-of-way requires a permit from the Florida Department of Transportation (FDOT). It is the developer's responsibility to obtain required FDOT permits or maintenance-of-traffic approvals for work within FDOT right-of-ways. The FDOT regional office can be contacted at (904) 360-5200. Any changes to the approved plans needed for FDOT approval must be submitted to Development Services as revisions.

Associate State Permits _____

RAILROAD: Railroad companies may require special agreements or permits to work within their right-of-ways. It is the developer's responsibility to obtain permission from any railroad right-of-way owner before performing any work within their right-of-way.

STORMWATER

Additional models to complying with the SJRWMD stormwater permits are required from the maintenance entity of all stormwater management facilities. Send copies of the results to:

Environmental Compliance Management
Ashley Building, 8th Floor
214 N. Hogan St.
Jacksonville, FL 32202
Stormwater.Compliance@coj.net / Environmental.Quality@coj.net

The owner of any project and (1) acre or larger is required to provide a Notice of Intent (NOI) in accordance with criteria set forth in the city's NPDES permit within 48 hours of beginning construction. Send NOI and NOT due to:

Notice Processing Coordinator, Permitting
Water Quality Division (5264)
1000 Ave Zone
Jacksonville, Florida 32202
(904) 255-8610
Stormwater.Permit@coj.net

The contractor shall contact the Environmental Quality Division, Erosion and Sedimentation Control Section (ESC) to provide verification that applicable stormwater permits have been obtained and to schedule a pre-construction ESC site inspection.

Environmental Quality Division
1000 Ave Zone, Zone Plan
Jacksonville, FL 32202
(904) 255-8610

FIRE MARSHALL

Plan review and approval does not relieve the contractor of complying with all applicable State Fire Codes.

Underground mains and hydrants shall be installed, completed, and in service prior to construction work.

Underground contractor shall submit to the Fire Marshall for approval complete specs for all underground pipe and fittings pertaining to fire protection PRIOR to installation and inspection. Contractor shall include manufacturer's name and size 62 along with contractor's state license number.

LANDSCAPE

A Site Work Permit is required for this project.

☐ Tree Fund payment is due _____ inches at $ _____ = $ _____
☐ Article 25 fees are due _____ inches at $ _____ = $ _____

TRAFFIC ENGINEERING

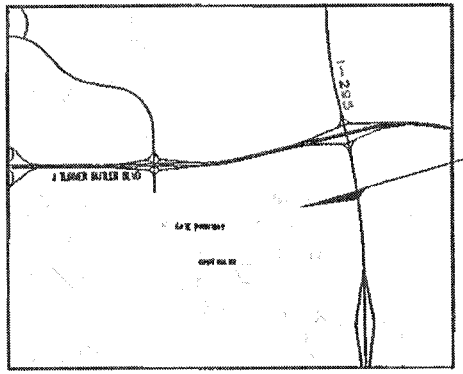
TRAFFIC SIGNS

Motor Marker (each) _____
Stop/Yield (each) _____
Stop/Yield (each) _____
Design (per plan) 1 per plan
Installation (per hour) 1 per 3 signs installed up)

_____ Drawings Required

NOTE: Traffic sign costs change from time to time. Consult Attachment B of the Land Development Procedures Manual (http://www.coj.net/land-development-procedures-manual.aspx) for the current rates before paying for any sign installations.

No lane closures allowed from 7 a.m. to 9:00 a.m. and from 4 p.m. to 6 p.m.



LOCATION MAP
SCALE NTS

DRAWING INDEX	
C-0	COVER SHEET
C-0.1 to C-0.3	GENERAL NOTES & DETAILS
C-1.1	SITE GEOMETRY PLAN
C-3.1	SITE GRADING PLAN
C-4.1 to C-4.3	SITE UTILITY PLAN & DETAILS
C-5.1 to C-5.4	DEMOLITION PLAN AND SEDIMENT CONTROL
C-6.1 to C-6.3	MAINTENANCE OF TRAFFIC

PREPARED BY
ENGINEERING AND CONSTRUCTION MANAGEMENT DIVISION
CITY OF JACKSONVILLE
214 N. HOGAN ST. 10TH FLOOR
JACKSONVILLE, FL 32202

ENGINEER OF RECORD
MARK C. WILLIAMS
PROJECT MANAGER, P.E. NO. 50118
ENGINEERING AND CONSTRUCTION MANAGEMENT DIVISION
CITY OF JACKSONVILLE

PREPARED FOR
FIRE & RESCUE DEPARTMENT
CITY OF JACKSONVILLE
KEVIN R. WILSON
DIRECTOR OF FIRE & RESCUE

MAYOR- LENNY CURRY
DIRECTOR OF PUBLIC WORKS- JOHN PAPPAS, P.E.

OCTOBER 2018

PLAN APPROVAL

_____ Date _____ Development Services Division (Chief)

_____ Date _____ Review Group (Reviewer)

Plan approval is valid for five years after the initial approval date. Revisions made after the initial approval date do not extend this five-year time frame.

PLAN APPROVAL IS SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS:

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GENERAL PROJECT INFORMATION

GENERAL	
City Development Number	9676.000
Concurrency Application Number	2017-13-PUD-18
Property Appraiser Number (RE #)	9681
Zoning Designation	PUD
Zoning Application(s) (If any)	
PUD Ordinance Number	
FIRM – Community – Panel	0557-H
Flood Zones (Show in Plans)	
Base Flood Elev. (Show in Plans)	
Vertical Datum Used for Project	NAVD 1988
JEA Availability Number	2018-3931
SUBDIVISION	
PSD Number	
City or Private Inspection	
Public or Private Roads	
Subdivision ("911") Disk Provided?	
NON-SUBDIVISION	
North American Industry Classification System (NAICS)	
Impervious Area (Sq. Ft.)	

NOTICE: THE ORIGINAL RECORD OF THIS SHEET IS THE CITY'S ACTIVE SCANNED WEB FILE IN ZTRACK

Exhibit Z-1

GENERAL NOTES

1) PRIOR TO BEGINNING EXCAVATION CONTRACTOR SHALL PROVIDE & MAINTAIN ADEQUATE EROSION & TURBIDITY CONTROLS DURING & FOLLOWING CONSTRUCTION UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED TO AVOID ADVERSE ENVIRONMENTAL IMPACTS TO OFF SITE PROPERTY, DRAINAGE SYSTEM AND WETLANDS.

2) ELEVATIONS BASED ON N.G.V.D

3) THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT. THE CITY WILL OBTAIN THE SITE CLEARING PERMIT.

4) ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH THE CITY OF JACKSONVILLE STANDARD SPECIFICATIONS AND THE JEA WATER AND SEWER STANDARDS, DETAILS AND MATERIALS MANUAL (LATEST EDITION).

5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL/DISPOSAL OF ANY UNSUITABLE MATERIAL FROM HIS OPERATION AND FURNISHING AND COMPACTING SUITABLE REPLACEMENT BACK FILL MATERIAL.

6) THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AS-BUILT DRAWINGS, TEST REPORTS AND OTHER INFORMATION AS REQUIRED TO VERIFY AND CERTIFY COMPLETION OF THE PROJECT AND OBTAIN PROJECT APPROVAL & ACCEPTANCE BY GOVERNMENTAL AGENCIES.

7) REFER TO THE SPECIFICATION BOOK AND TO DRAWING C-03 FOR SITE SODDING REQUIREMENTS.

8) THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF PAVING AND ALL OTHER STRUCTURES WITH ALL OTHER UTILITIES.

9) THE CONTRACTOR SHALL LOCATE, VERIFY AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THE PLANS PRIOR TO ANY EXCAVATING ACTIVITIES.

10) THE CONTRACTORS SHALL NOTIFY ALL APPLICABLE UTILITIES COMPANIES 48 HOURS PRIOR TO INITIATING AN EXCAVATION WITHIN STREET R.O.W. OR AS REQUIRED BY THE UTILITIES COMPANIES.

11) IT IS THE RESPONSIBILITY OF THE SITE CONTRACTOR TO CONFIRM IN THE FIELD THE LOCATION OF THE EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY HIS OPERATIONS.

12) UTILITY CONTACTS: THE FOLLOWING UTILITY CONTACT IS PROVIDED:

CITY OF JACKSONVILLE TRAFFIC ENGINEERING:	Chris Erickson, 904 255-7933
CITY TRAFFIC SUPERVISOR:	Ronald Thaggen, 904-255 8704
AT&T DISTRIBUTION	P.R. Patel, 904 649 3976
COMCAST CABLE COMMUNICATIONS INC:	James Graham, 904-509 6832
JACKSONVILLE ELECTRIC AUTHORITY: JEA WSBU WATER & SEWER -	William Haywood, C: 904 673 8334 O: 904 296 2754
JEA DISTRIBUTION AND TRANSMISSION.	Ryan Heaton, 904 665 6371

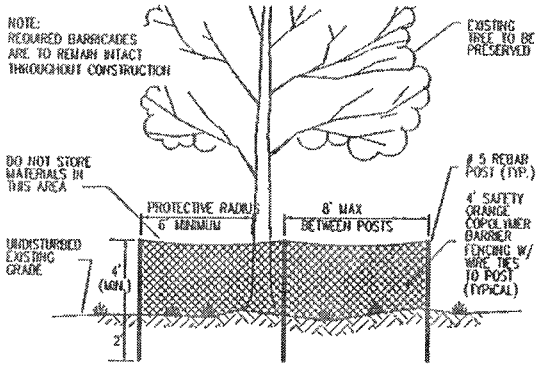
13) THE CITY PLACED A SUNSHINE STATE ONE CALL DESIGN TICKET (No. 312804373-000) AND CONTACTED THE UTILITY COMPANIES INDICATED IN GENERAL NOTE No. 12 TO UPDATE THEIR INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR PLACING A CONSTRUCTION TICKET AND FOR NOTIFYING THE RIGHT OF WAY USERS AS INDICATED IN THE GENERAL NOTES (No. 8, 9, 10, 11 AND 12).

ADDITIONAL NOTES

1. CODES REGULATING DEMOLITION WORK SHALL BE COMPLIED WITH. THE CONTRACTOR SHALL PUT UP AND MAINTAIN SUCH BARRIERS AND WARNING LIGHTS AS MAY BE NECESSARY OR REQUIRED BY CODE, TO PROTECT AND PREVENT UNAUTHORIZED PERSONNEL FROM ENTERING THE DEMOLITION WORK AREA. ALL DEMOLITION OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) INSOFAR AS THEY APPLY TO DEMOLITION WORK TO BE PERFORMED UNDER THIS CONTRACT.

2. DISPOSAL OF EXISTING EQUIPMENT AND DEBRIS. ALL DEBRIS, AND EXISTING MATERIALS AND EQUIPMENT SHALL BE HAULED AWAY AND DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR OBTAINING DISPOSAL AREAS. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT SPILLAGE OF MATERIALS BEING HAULED IN PUBLIC STREETS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY CLEAN UP ANY SPILLAGE WHICH MAY ACCIDENTALLY OCCUR.

3. CLEANUP. THE CONTRACTOR SHALL MAINTAIN AN ORDER OF NEATNESS AND GOOD HOUSEKEEPING. TOOLS, SCAFFOLDING AND OTHER DEMOLITION EQUIPMENT MUST AT ALL TIMES BE KEPT IN A NEAT AND ORDERLY ARRANGEMENT AT THE CONCLUSION OF THE DEMOLITION OPERATIONS, THE ENTIRE WORK AREA SHALL BE LEFT IN A CLEAN CONDITION AS REQUIRED FOR SUBSEQUENT NEW WORK.



TREE PROTECTION FENCE

a. A temporary barrier shall be constructed to prevent disturbance of the soil a minimum of six (6) feet from the trunk at any point or an area equal to fifty (50) percent of the area within the drip line. The barriers shall remain in place throughout construction.

b. The developer shall not cause or allow the cleaning of equipment, storage or disposal of materials or waste materials such as paint, solvents, asphalt, concrete, mortar, or any other material that may endanger the health of trees or vegetation within the drip line of protected trees.

c. The protected area shall be maintained at its original grade with no trenching or cutting of any roots, and there shall be no storage of fill or compaction of soil. In no event shall motorized vehicles or equipment be allowed to park on or traverse that area within the drip line of protected trees, nor shall any fuel or other materials be stored within the barriers.

d. No attachment, wires (other than protective guy wires), signs or permits shall be fastened to a tree.

e. All clearing and grubbing within protected tree area will be done with hand tools only.

f. All root systems outside the protective radius which occur in areas of proposed improvements shall be pruned by a qualified tree surgeon prior to excavation.

g. Developers shall post signs governing tree removal. The sign shall be not less than two (2) feet by two (2) feet in size and shall contain the following:

PROTECTED TREES
ALL TREES MARKED TO BE SAVED ARE PROTECTED BY THE APPLICABLE LAND DEVELOPMENT CODES. ANY PERSON DAMAGING ANY MARKED TREES WILL BE SUBJECT TO A FINE OF UP TO $250.00 PER DAY AND A STOP WORK ORDER.

h. Standards for protection of trees on disturbed sites are contained in the publication "Tree Protection Manual for Builders and Developers" published by the Florida Department of Agriculture and Consumer Services, latest edition, and available through the Florida Department of Agriculture, Division of Forestry.

TREE PROTECTION NOTES

General: During construction, protect from damage all existing trees designated to remain by erecting and maintaining tree protection barricades where shown and as required by the City Site Clearing Permit.

Storage of Materials and Storage: Keep stored materials, equipment and vehicles at least 20 feet from the drip line of existing trees shown to remain.

Site Clearing Permit, Tree Protection: Comply with the tree protection requirements of the City Building Inspection Division and the contract documents. Prior to land clearing or demolition operations, complete the following: (1) obtain site clearing permit from the City, (2) erect tree protection barricades where shown and as required by the site clearing permit, and (3) request and pass tree barricade inspection required by the City. Maintain tree barricades in good condition. Remove barricades when landscaping begins.

Protect tree roots within the tree drip line from spills or run-off of noxious material such as paint, petroleum products and chemicals in solution that can be harmful to plants. Burning of construction debris within the site limits is prohibited.

Tree Removal and Clearing: Remove trees so designated and legally dispose of debris. Remove trees in a manner that will not damage preserved trees. DO NOT BURY TREE REMOVAL DEBRIS ON THE SITE. Obtain approval from the Engineer before disturbing or removing any preserved tree.

Tree Pruning: Engage a tree surgeon who is licensed and insured to perform tree pruning. Comply with recognized pruning standards of the industry. Prune branches to the branch collar - do not leave branch stubs. Cut branches with sharp pruning instruments so not break or chop. Before beginning other site work, including demolition, prune preserved trees to clear for construction and for vehicular or pedestrian circulation. Provide the following branch clearance above the ground:
a. 12 feet above vehicular areas,
b. 5 feet above building roof elevations,
8 feet above other site areas.
Extend tree pruning operation to restore the natural shape of the tree. If preserved trees are damaged during construction, repair promptly and as directed by the Engineer.

Trenching: Where trenching is required within the drip line of a preserved tree, hand dig under the major lateral roots. Cut minor roots with sharp pruning tools - do not break or chop.

Excavating for Structures and Pavement: If tree roots are encountered when excavating for new structures, saw cut roots approximately 6" back from the edge of the structure do not break or chop.

Replacement of Damaged or Removed Preserved Trees: Unless previously approved by the Engineer, replace preserved trees that have been removed or that, in the Engineer's opinion, have been significantly damaged by construction. Significant damage shall be when any one of the following conditions occur:

extensive soil compaction or soil contamination within the preserved portions of the tree drip line,
over 4" of fill covering over 25% of the root zone within the preserved portions of the tree drip line,
excavation that removes over 25% of the root zone within the preserved portions of the tree drip line,
damage to major tree branches,
a trunk wound with a width that exceeds 10% of the trunk circumference, or
a tree displaying signs of poor health after the beginning of construction and during the one year warranty period of the building.

If the Engineer determines that a preserved tree has been significantly damaged by construction or removed without approval, then the contractor shall provide replacement trees for preserved trees that have been damaged or removed. Replacement trees shall be 4" caliper and of the species approved by the Engineer. The total number of new replacement 4" trees shall be determined by dividing the DBH of the each tree being replaced by 4, rounded off to the nearest whole number. Remove damaged or declining trees at no additional cost to the City.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

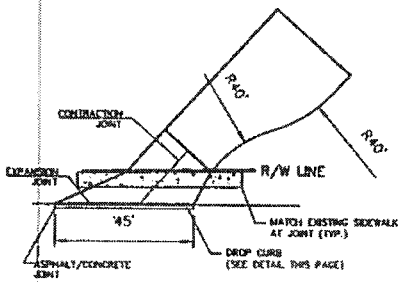
ENGINEER OF RECORD
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/8/2018	AMT	2018-0118

TEMPORARY FIRE STATION Nº 63 GENERAL NOTES

SHEET NO. C-11

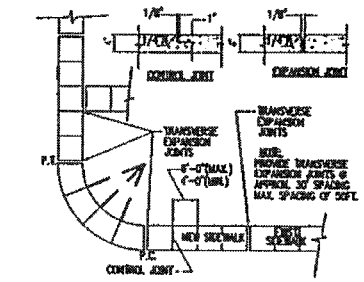


GATE PARKWAY

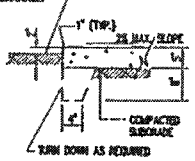
NOTES:

1. ALL ½" JOINTS SHALL BE CONSTRUCTED WITH PREFORMED JOINT FILLER. ⅜" OPEN JOINTS PLACED AT EQUAL (20' MAX) INTERVALS FOR DRIVEWAYS OVER 20' WIDE. JOINTS IN CURB AND GUTTER TO MATCH JOINTS IN DRIVEWAYS.
2. SEE CITY STANDARD DETAILS (PLATE P-100), FDOT STANDARD INDEX 305 AND 515 FOR JOINT DETAILS.

WEST DRIVEWAY DETAIL
NOT TO SCALE



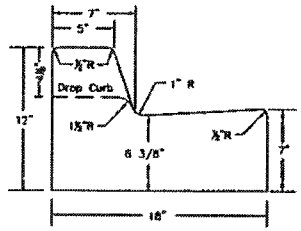
FINISH GRADE ELEV. SHALL BE AT LEAST 2" BELOW 2" BELOW THE PROPOSED PLAN ELEV. TO ACCOMMODATE SODDING AND MAINTAIN POSITIVE DRAINAGE.



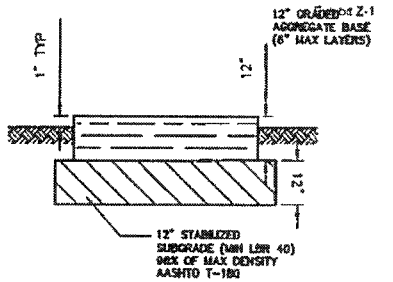
NOTES:

1) SIDEWALK TO BE 5" THICK.
2) EXPANSION JOINT TO BE PLACED EVERY 18', SAWCUT EVERY 6'.

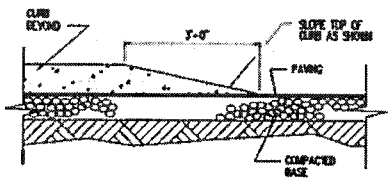
TYPICAL SIDEWALK DETAILS
NOT TO SCALE



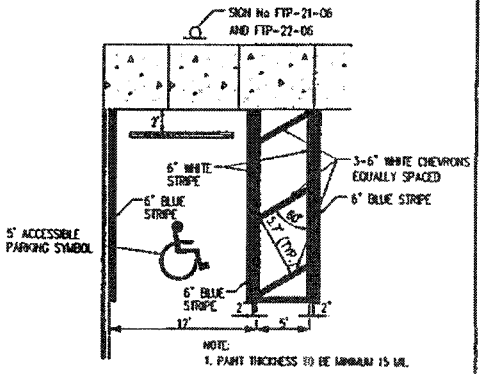
CITY STANDARD CURB DETAIL
NOT TO SCALE



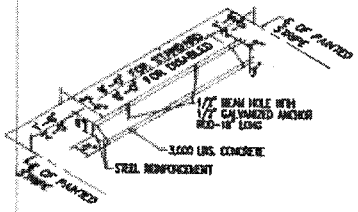
GRADED AGGREGATE BASE (DRIVEWAYS)
NOT TO SCALE



CURB TAPER DETAIL
NOT TO SCALE

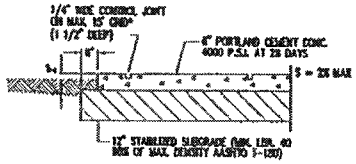


NOTE:
1. PAINT THICKNESS TO BE MINIMUM 15 MIL



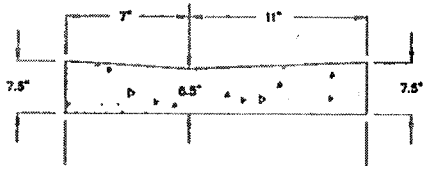
PRECAST CONCRETE WHEEL STOP
NOT TO SCALE

FINISH GRADE ELEVATION SHALL BE AT LEAST 2" BELOW THE PROPOSED PLAN ELEVATION TO ACCOMMODATE SODDING AND MAINTAIN POSITIVE DRAINAGE.



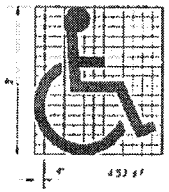
NOTE:
1. SAW CUT CONTROL JOINTS AS SOON AS POSSIBLE

PARTIAL CONCRETE DRIVEWAY & ADA PARKING TYPICAL SECTION
NOT TO SCALE



(MIN. 3500 PSI CONC.)

TYPICAL VALLEY CURB DETAIL
NOT TO SCALE



NOTE:
PAINT SYMBOL ABOVE ONTO PAVED SURFACE WITH WHITE TRAFFIC PAINT. MADE AS PER DEPARTMENT OF TRANSPORTATION SPECS.

Use of pavement symbol to access the parking spaces is optional, when used the symbol shall be 3' or 5' high and white in color.

ADA PARKING & SYMBOL OF ACCESSIBILITY
NOT TO SCALE

REVISIONS
DATE BY NOTE

ENGINEER OF RECORD
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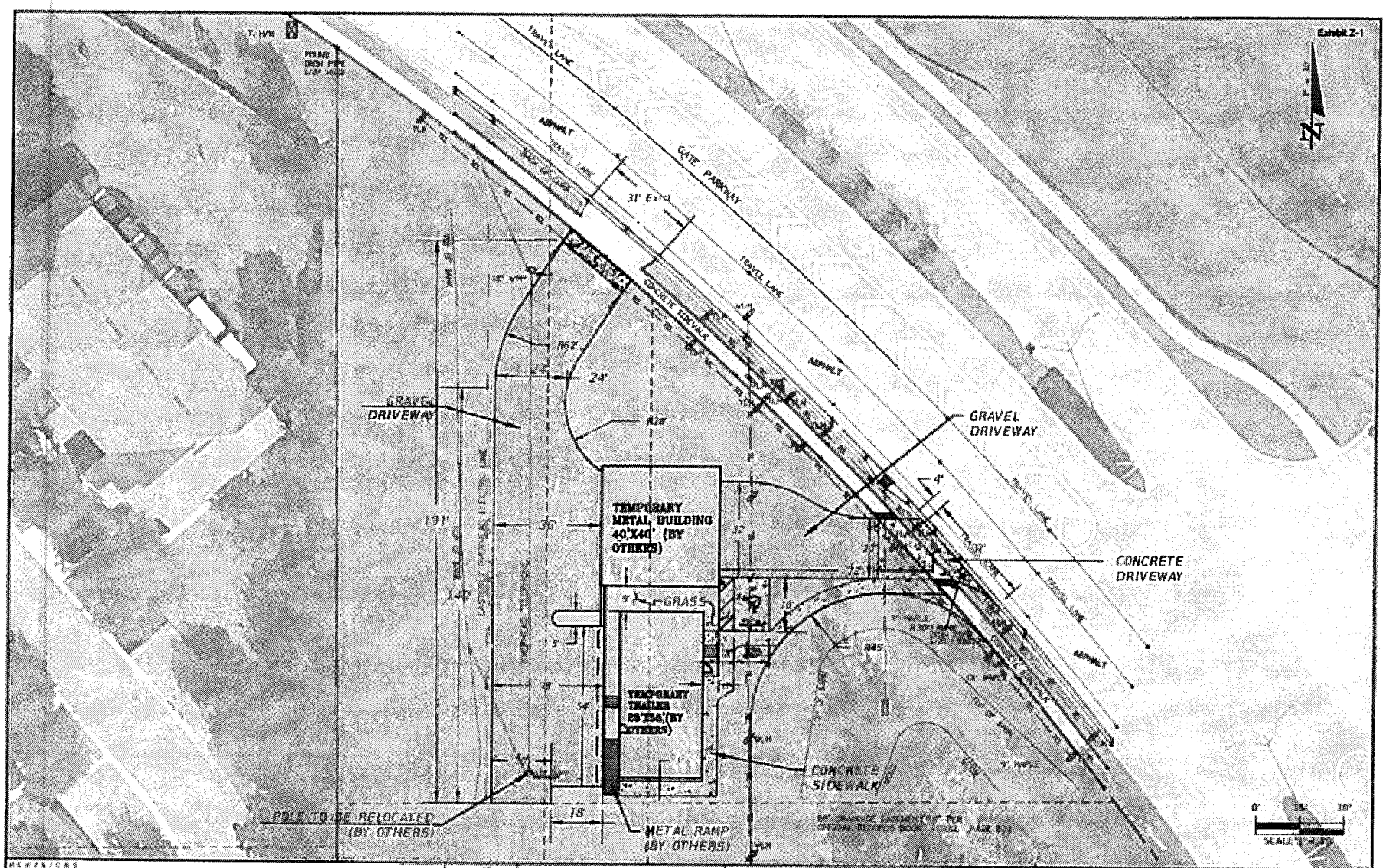
214 N. HOGAN ST
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
1/21/2018	AMT	2018-0118

TEMPORARY FIRE STATION Nº 63 DETAILS

SHEET No.
C 1.2



REVISIONS

DATE	DESCRIPTION	BY	DESCRIPTION
09-18	SIW REDIRECTION, DIMENSIONS & HH STEPS RELOCATION		

ENGINEER OF RECORD
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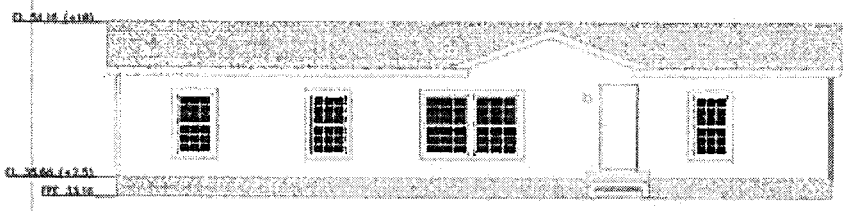
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

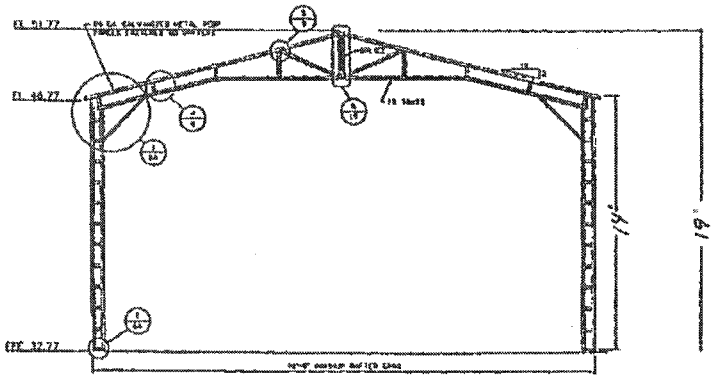
DATE	DRAWN BY	PROJECT #
11/20/2018	AMT	2018 0118

TEMPORARY FIRE STATION Nº 63
SITE GEOMETRY PLAN

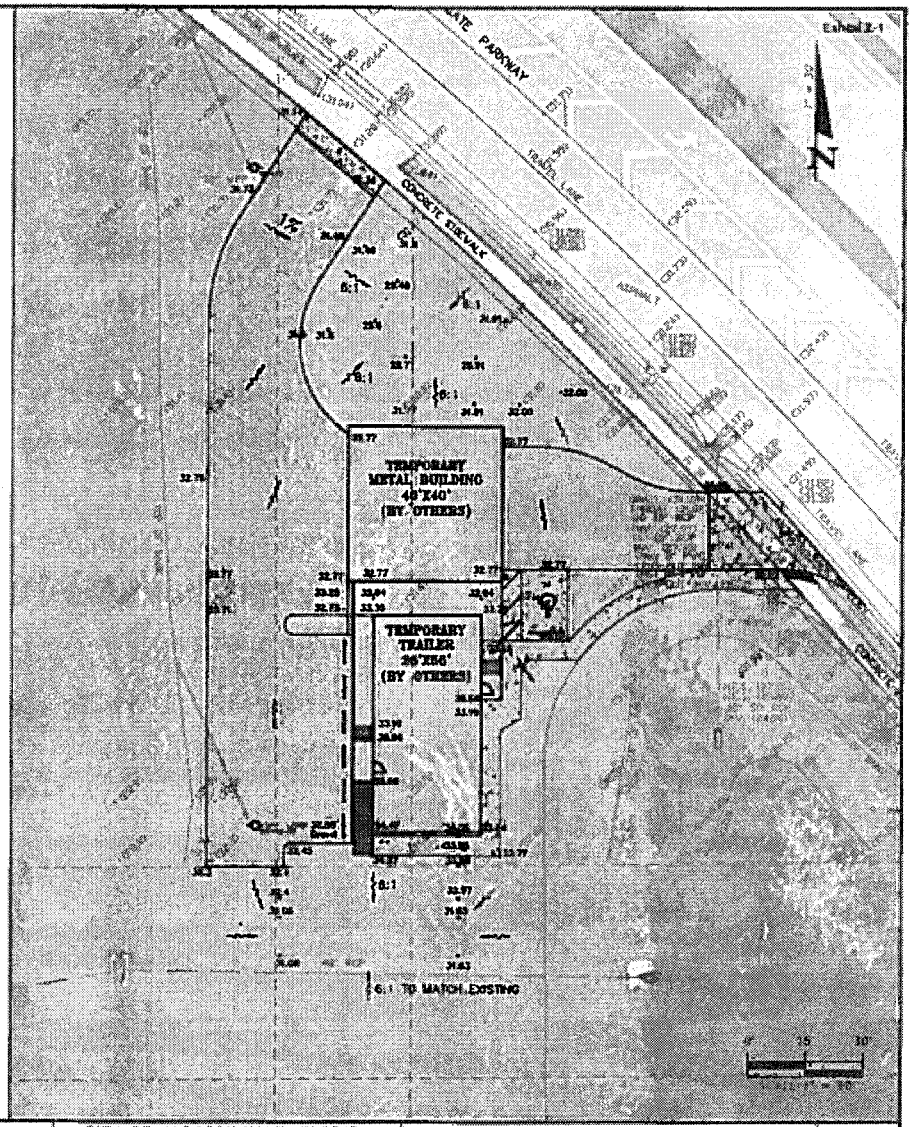
SHEET NO. C-21



ELEVATIONS – TEMPORARY MOBILE HOME
(BY OTHERS)



ELEVATIONS – TEMPORARY METAL BUILDING
(BY OTHERS)



REVISIONS			
DATE	DESCRIPTION	BY	CHECKED

ENGINEER OF RECORD
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
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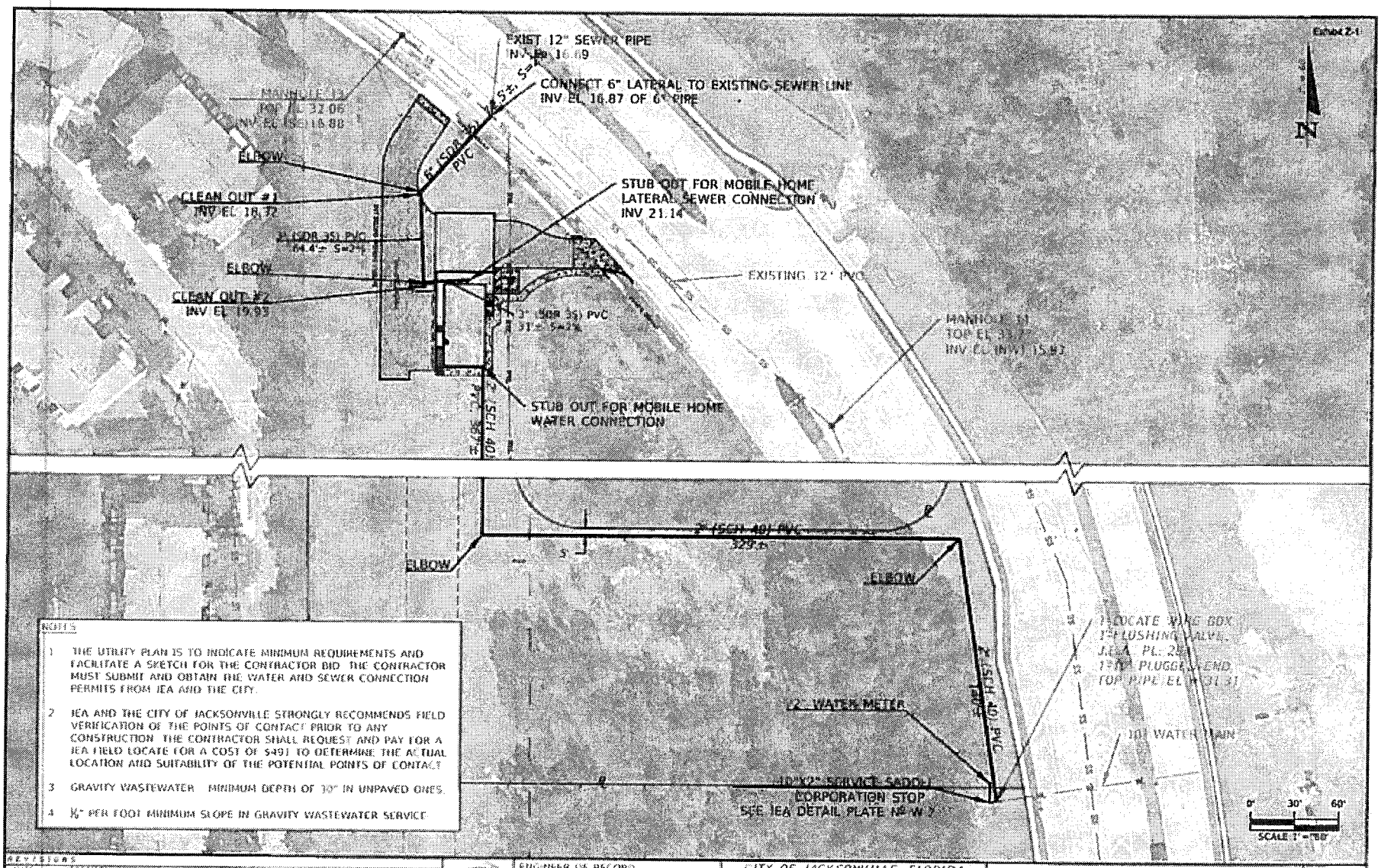
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
1/31/2018	AMF	2018-0118

TEMPORARY FIRE STATION Nº 63
GRADING PLAN

SHEET
C-3.1



NOTES

1. THE UTILITY PLAN IS TO INDICATE MINIMUM REQUIREMENTS AND FACILITATE A SKETCH FOR THE CONTRACTOR BID. THE CONTRACTOR MUST SUBMIT AND OBTAIN THE WATER AND SEWER CONNECTION PERMITS FROM JEA AND THE CITY.
2. JEA AND THE CITY OF JACKSONVILLE STRONGLY RECOMMENDS FIELD VERIFICATION OF THE POINTS OF CONTACT PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL REQUEST AND PAY FOR A JEA FIELD LOCATE FOR A COST OF $491 TO DETERMINE THE ACTUAL LOCATION AND SUITABILITY OF THE POTENTIAL POINTS OF CONTACT.
3. GRAVITY WASTEWATER - MINIMUM DEPTH OF 30" IN UNPAVED ONES.
4. ⅛" PER FOOT MINIMUM SLOPE IN GRAVITY WASTEWATER SERVICE.

REVISIONS

DATE	DRAWN BY	APPROVED BY

ENGINEER OF RECORD
MARIA C. WILLIAMS, P.E. #56118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

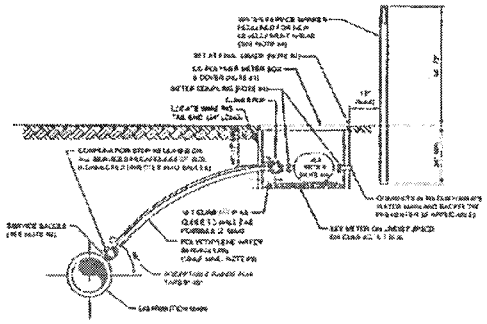
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
0/11/2018	AMT	2018-0118

TEMPORARY FIRE STATION № 63
UTILITY PLAN

SHEET NO. C-4.1

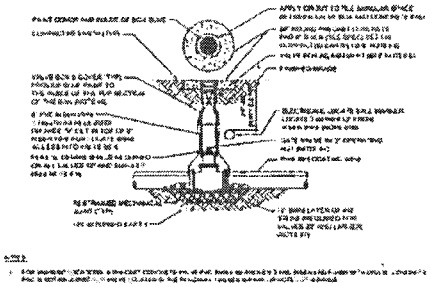
Exhibit Z-1



NOTES:

WATER SERVICE DETAIL- 2" AND SMALLER METER

JANUARY 2018 PLATE W-2



NOTES:

WATER VALVE INSTALLATION DETAIL

JANUARY 2018 PLATE W-18

HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

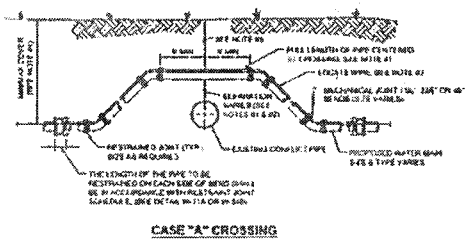
PROPOSED UTILITY

CONFLICTING UTILITY	POTABLE WATER			WASTEWATER GRAVITY AND FORCEMAIN			RECLAIMED WATER			GAS LINE		
	HORIZ.	VERT.	JOINT SPACING	HORIZ.	VERT.	JOINT SPACING	HORIZ.	VERT.	JOINT SPACING	HORIZ.	VERT.	JOINT SPACING
POTABLE WATER	3 NOTE 1	12"	3 NOTE 2	9 or 10	18" NOTES 4	18" NOTES 2	3	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2
RECLAIMED WATER	3	12"	3 NOTE 1	9 NOTE 1	12"	3 NOTE 1	3	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2
WASTEWATER GRAVITY OR FORCEMAIN	9 or 10	18"	3 NOTE 2	9 NOTE 1	12"	18"	3 NOTE 1	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2
VACUUM SEWERS	9 or 10	12"	3 NOTE 2	9 NOTE 1	18"	18"	3 NOTE 1	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2
GAS OR OIL	3 NOTE 2	N/A	N/A	3 NOTE 2	N/A	N/A	3 NOTE 1	N/A	N/A	3 NOTE 2	N/A	N/A
PERMANENT STRUCTURES (BRIDGE TRUSS POLES ETC.)	3 NOTE 2	N/A	N/A	3 NOTE 2	N/A	N/A	3 NOTE 1	N/A	N/A	3 NOTE 2	N/A	N/A
STORM SEWERS	3 NOTE 2	12"	3 NOTE 2	3 NOTE 1	12"	NOTE 2	3 NOTE 1	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2
OHW	3 NOTE 1	12"	3 NOTE 2	3 NOTE 1	12"	NOTE 2	3 NOTE 1	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2
ALL OTHER UTILITIES	3 NOTE 1	12"	3 NOTE 2	3 NOTE 1	12"	NOTE 2	3 NOTE 1	12"	3 NOTE 2	3 NOTE 2	12"	3 NOTE 2

NOTES:

SEPARATION REQUIREMENTS FOR WATER, WASTEWATER AND RECLAIMED WATER MAINS

JANUARY 2018 PLATE W-11

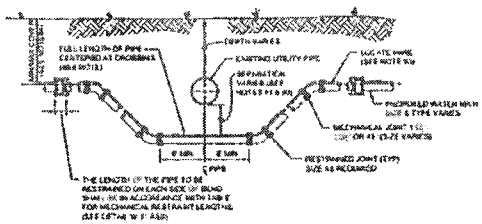


CASE "A" CROSSING

NOTES:

ADJUSTMENT OVER EXISTING UTILITIES MECHANICAL RESTRAINTS

JANUARY 2018 PLATE W-32



CASE "B" CROSSING

NOTES:

ADJUSTMENT UNDER EXISTING UTILITIES MECHANICAL RESTRAINTS

JANUARY 2018 PLATE W-34

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

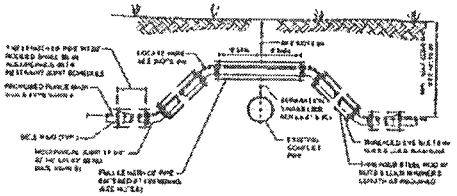
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/8/2018	AMT	2018-0118

TEMPORARY FIRE STATION Nº 63
UTILITY DETAILS

SHEET NO.
C 4.2

Exhibit 2-1

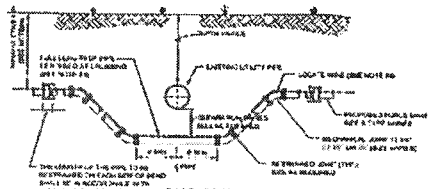


CASE "A" CROSSING

NOTES

ADJUSTMENT OVER EXISTING UTILITIES
TIR RODS

JANUARY 2018 PLATE S-40

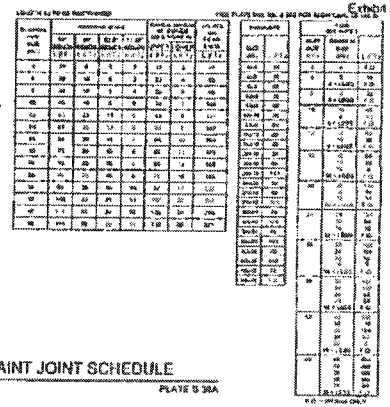


CASE "B" CROSSING

NOTES

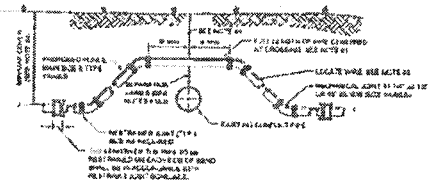
ADJUSTMENT UNDER EXISTING UTILITIES
MECHANICAL RESTRAINTS

JANUARY 2018 PLATE S-41



PVC PIPE RESTRAINT JOINT SCHEDULE

JANUARY 2018 PLATE S 38A

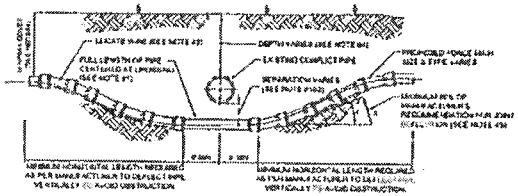


CASE "A" CROSSING

NOTES

ADJUSTMENT OVER EXISTING UTILITIES
MECHANICAL RESTRAINTS

JANUARY 2018 PLATE S-39



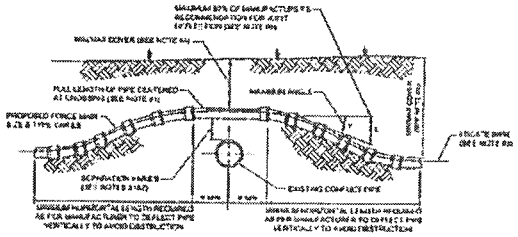
CASE "B" CROSSING

NOTES

PIPE SIZE (IN.)	(A) MAX. ALLOW. DEFL. (DEG.)	(B) MAX. ALLOW. DEFL. AT JOINT (DEG.)	RESULTING MAXIMUM OF CURVE WITH 18 FT LENGTHS
4	20	1.4°	140 FT
6	20	1.4°	140 FT
8	20	1.4°	140 FT
10	20	1.4°	140 FT
12	20	1.4°	140 FT
14	20	1.4°	140 FT
16	20	1.4°	140 FT
18	20	1.4°	140 FT
20	20	1.4°	140 FT
24	20	1.4°	140 FT
30	20	1.4°	140 FT
36	20	1.4°	140 FT
42	20	1.4°	140 FT
48	20	1.4°	140 FT
54	20	1.4°	140 FT
60	20	1.4°	140 FT
72	20	1.4°	140 FT
84	20	1.4°	140 FT
96	20	1.4°	140 FT

ADJUSTMENT UNDER EXISTING UTILITIES
PIPE JOINT DEFLECTION

JANUARY 2018 PLATE S-47



CASE "A" CROSSING

NOTES

PVC PIPE SIZE (IN.)	(A) MAX. ALLOW. DEFL. (DEG.)	(B) MAX. ALLOW. DEFL. AT JOINT (DEG.)	RESULTING MAXIMUM OF CURVE WITH 18 FT LENGTHS
4	20	2°	140 FT
6	20	2°	140 FT
8	20	2°	140 FT
10	20	2°	140 FT
12	20	2°	140 FT
14	20	2°	140 FT
16	20	2°	140 FT
18	20	2°	140 FT
20	20	2°	140 FT
24	20	2°	140 FT
30	20	2°	140 FT
36	20	2°	140 FT
42	20	2°	140 FT
48	20	2°	140 FT
54	20	2°	140 FT
60	20	2°	140 FT
72	20	2°	140 FT
84	20	2°	140 FT
96	20	2°	140 FT

ADJUSTMENT OVER EXISTING UTILITIES
PIPE JOINT DEFLECTION

JANUARY 2018 PLATE S-48

REVISIONS

DATE	DESCRIPTION	BY	CHK

ENGINEER OF RECORD
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JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/8/2018	AHT	2018-0118

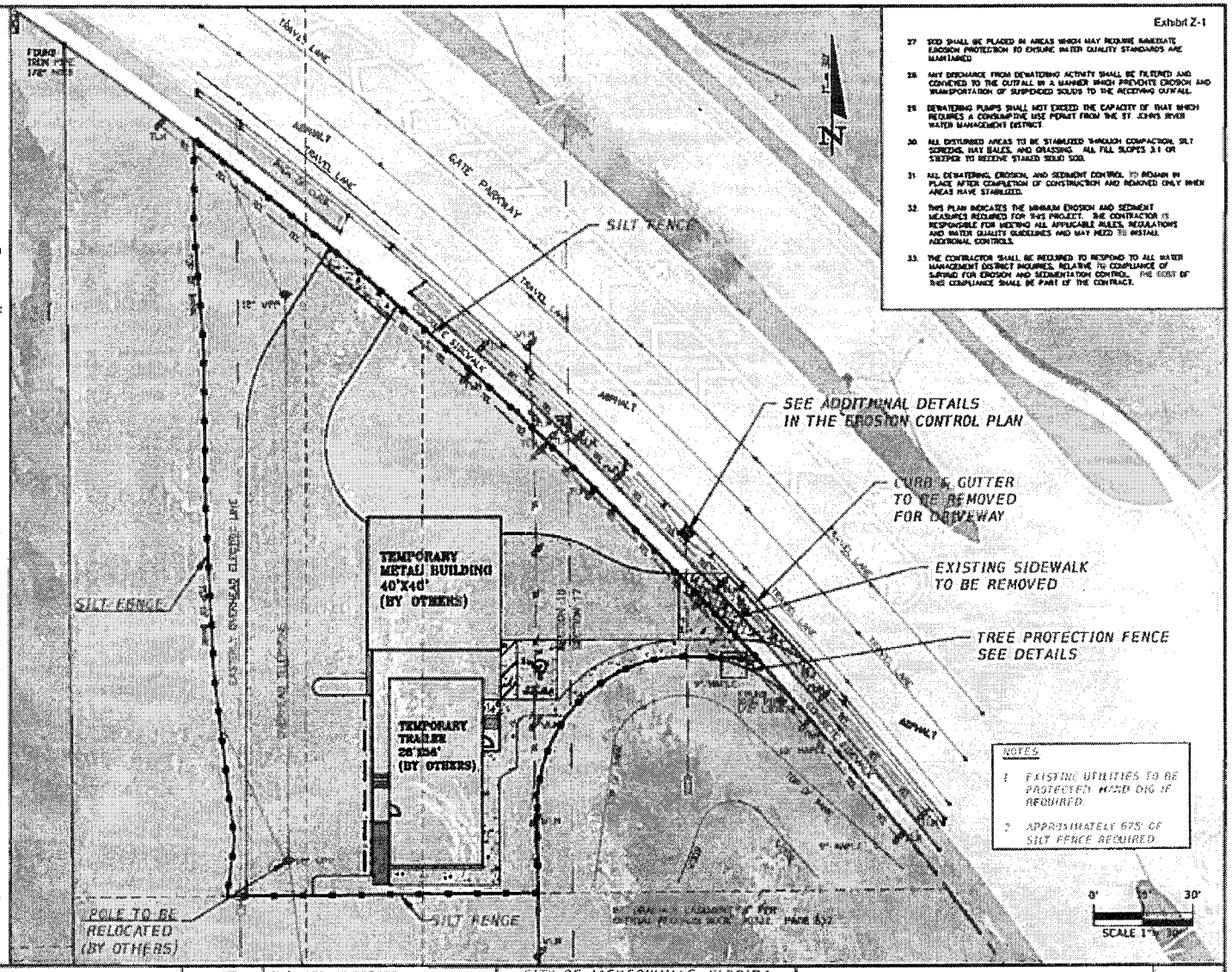
TEMPORARY FIRE STATION Nº 63
UTILITY DETAILS

SHEET NO. C-43

Exhibit Z-1

EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REPARABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION – ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
6. FOOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED IN D-801. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
8. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
9. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
12. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.
13. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
14. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
15. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
16. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
17. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
18. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
19. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
20. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
21. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
22. SEDIMENT SHALL BE REMOVED AND THE WRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE WRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
23. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
24. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL – A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.
25. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAIL SHEET FOR TYPICAL CONSTRUCTION.
26. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
27. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
28. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
29. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
30. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOLID SOD.
31. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE STABILIZED.
32. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
33. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO COMPLIANCE OF SURVEY FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.



REVISIONS

ENGINEER OF RECORD
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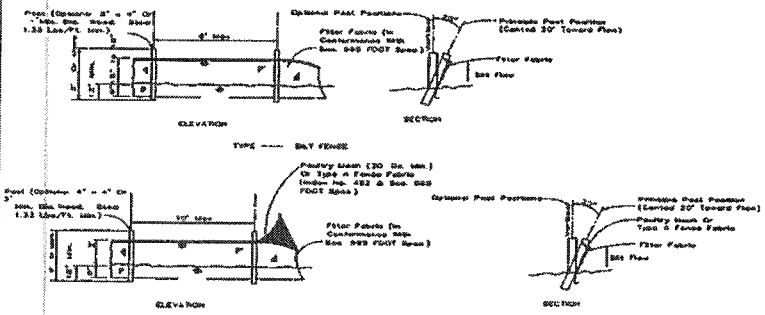
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT
1/21/2018	AMT	2018-0118

TEMPORARY FIRE STATION Nº 63
DEMOLITION &
SEDIMENT CONTROL PLAN

SHEET NO. C-5.1

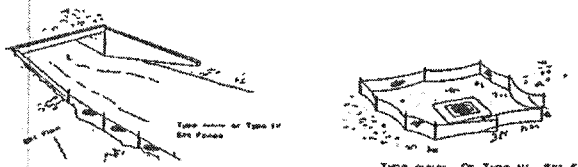
Exhibit Z-1



TYPE ---- SILT FENCE

Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

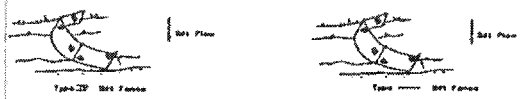
TYPE IV SILT FENCE



Type ---- Or Type IV Silt Fence Protection Around Ditch Bottom Inlets.

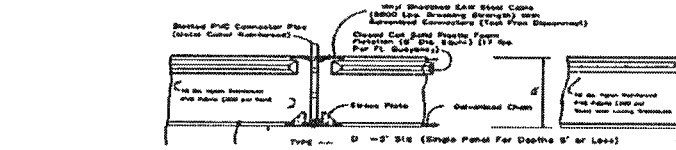
Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS



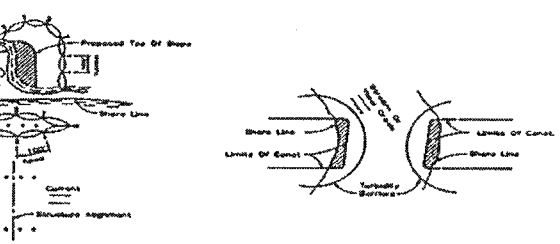
Note: Spacing for Type ---- Fence to be in accordance with Chart --, Plate D-908 and ditch installations at drainage structure above.

SILT FENCE TYPE III & IV



D =5' Std. (Additional Panel For Depths Greater Than 5')
Curtain To Reach Bottom Up To Depths of 10'. Two (2) Fences To Be Used For Depths Greater Than 10' Unless Special Depths Specifically Called For In The Plans or As Determined By The Engineer.

FLOATING TURBIDITY BARRIERS



STAKED TURBIDITY BARRIER

LEGEND
- Pile Locations
- Dredge Or Fill Area
- Mooring Buoy w/Anchor
- Anchor
- Barrier Movement Due To Current Action

NOTES:
1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
2. Number and spacing of anchors dependent on current velocities.
3. Deployment of barrier around pile locations may vary to accommodate construction operations.
4. Navigation may require segmenting barrier during construction operations.

TURBIDITY BARRIER APPLICATIONS

TURBIDITY BARRIERS

Note:
Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
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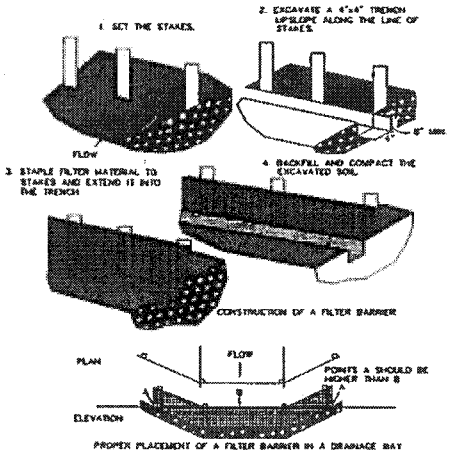
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/1/2018	RKG	2018-0118

TEMPORARY FIRE STATION Nº 63
SEDIMENT & EROSION CONTROL

SHEET NO.
C 5.2

Exhibit Z-1



FILTER BARRIER CONSTRUCTION DETAIL

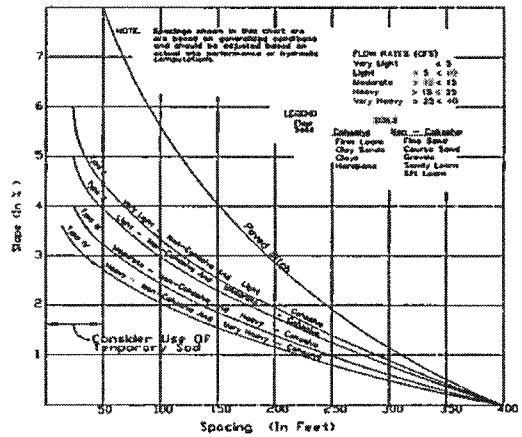


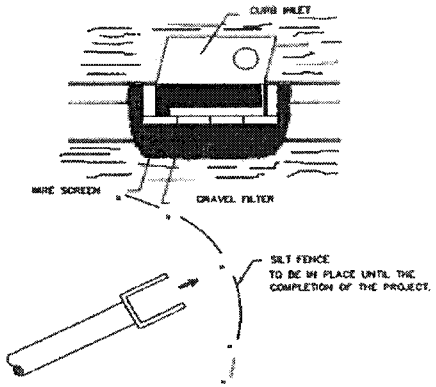
CHART 1
RECOMMENDED SPACING FOR TYPE I, TYPE II, TYPE III AND TYPE IV SILT FENCES.

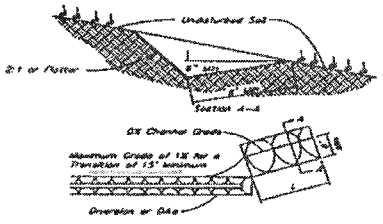
SPACING RECOMMENDATION FOR SILT FENCES

N.T.S.

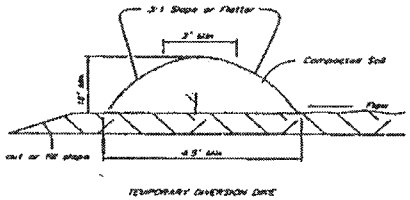
OUTLET PROTECTION

N.T.S.



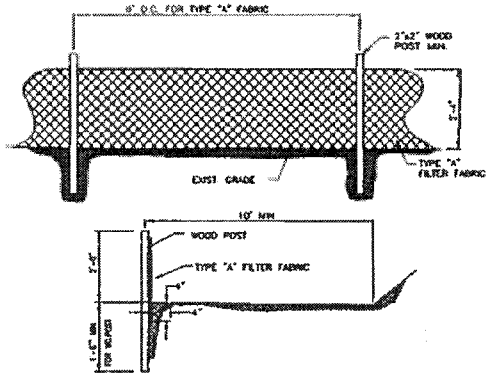


LEVEL SPREADER

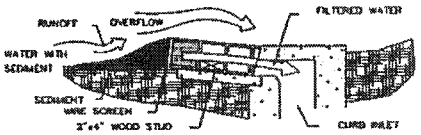


TEMPORARY DIVERSION DIKE

DIVERSION DIKE



TEMPORARY SILT FENCE



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

BLOCK + GRAVEL CURB INLET SEDIMENT FILTER

N.T.S.

REVISIONS			
DTE	DES. INIT.	DATE	DESCRIPTION

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CITY OF JACKSONVILLE, FLORIDA
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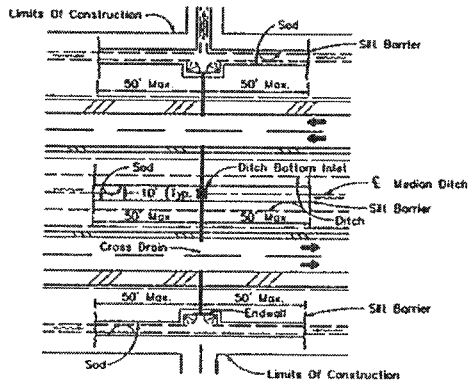
DATE	DRAWN BY	PROJ. T.S.
10/1/2018	BKG	2018-0118

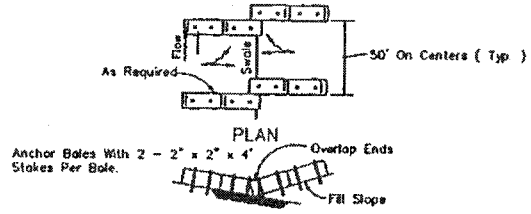
TEMPORARY FIRE STATION Nº 65
SEDIMENT & EROSION CONTROL

SHEET NO.
C-5.3

Exhibit Z-1

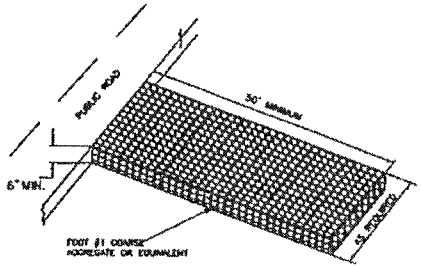


DITCH INSTALLATIONS AT DRAINAGE STRUCTURES



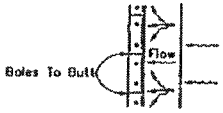
ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

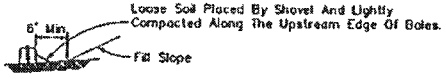


STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



PLAN

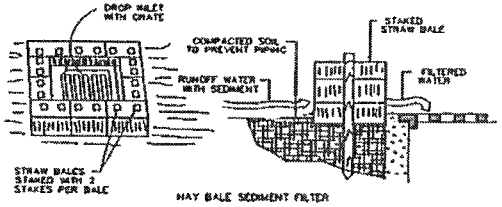


ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES

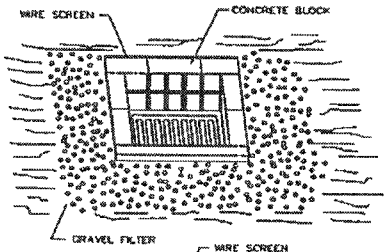
NOTE: SEE HAY BALE LOC. (D-901)
N.T.S.

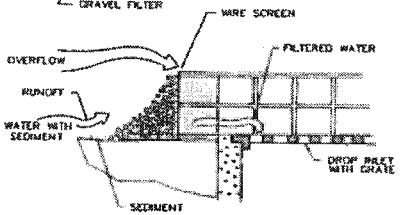


HAY BALE SEDIMENT FILTER

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS EXIST (EXCEEDING 0.5 CFS) AND TYPICAL THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.



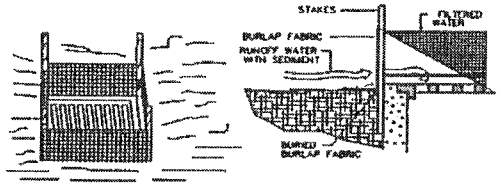


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

BLOCK + GRAVEL DROP INLET SEDIMENT FILTER

N.T.S.



FABRIC SEDIMENT FILTER

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS EXIST (EXCEEDING 0.5 CFS) AND TYPICAL THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

DROP INLET SEDIMENT TRAP

N.T.S.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
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DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/1/2018	RKG	2018-0118

TEMPORARY FIRE STATION Nº 63
SEDIMENT & EROSION CONTROL

SHEET 49

C-5.4

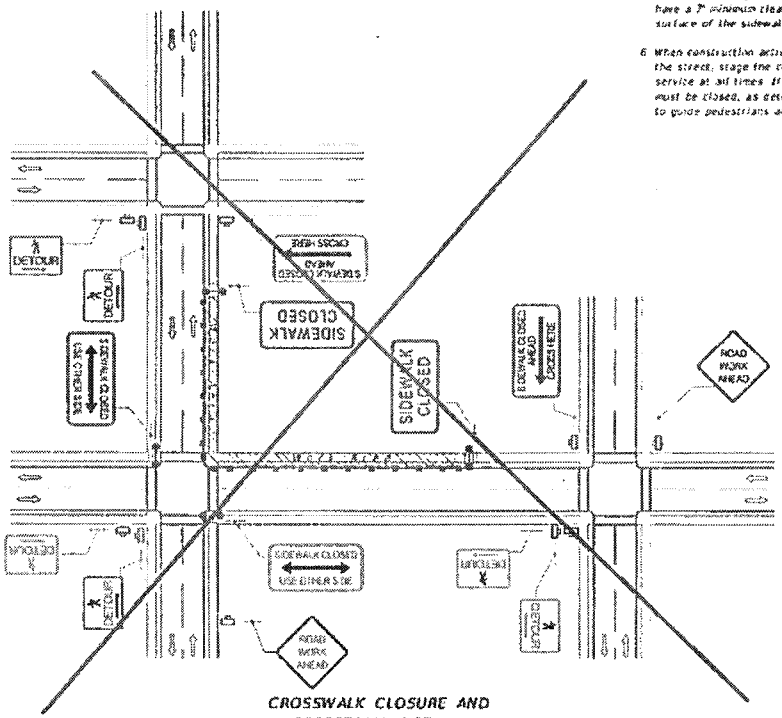
Exhibit Z-1

SYMBOLS

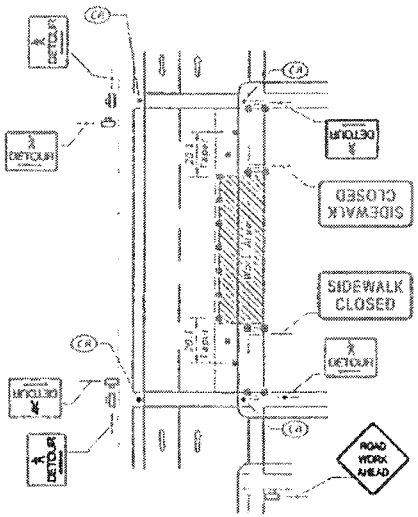
- Work Area
- Channelizing Device (See Index 600)
- Work Zone Sign
- Required Locations for Either Temporary or Permanent Curb Ramps.
- Lane Identification + Direction of Traffic
- Pedestrian Longitudinal Channelizing Device (LCD) with Mounted Work Zone Sign or separate Work Zone Sign
- Pedestrian Longitudinal Channelizing Device (LCD)

GENERAL NOTES

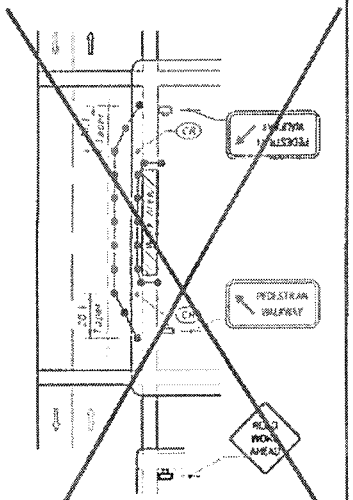
1. Route pedestrian traffic around work areas when construction activities encroach on the sidewalk for more than 60 minutes using the devices and remedies shown on this Index. Use project specific designs for scenarios not included on this Index.
2. For spacing of traffic control devices and general TCZ requirements refer to Index 600. The maximum spacing between barricades, vertical panels, drums or tubular markers is 20'.
3. Use delineators on longitudinal channelizing devices separating the work area from vehicular traffic.
4. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
5. Post mounted signs located near or adjacent to a sidewalk must have a 7' minimum clearance from the bottom of sign to the surface of the sidewalk.
6. When construction activities involve sidewalks on both sides of the street, stage the construction so that one sidewalk is in service at all times. If this is not feasible and both sidewalks must be closed, as determined by the Engineer, provide a detour to guide pedestrians around the construction zone.
7. Provide a 5' wide temporary walkway, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary walkways less than 5' in width at intervals not to exceed 200'.
8. Provide a cross-slope with a maximum value of 0.02 for all temporary walkways.
9. Temporary walkway surfaces and ramps must be stable, firm, slip resistant, and kept free of any obstructions and hazards such as holes, debris, mud, construction equipment and stored materials.
10. Remove temporary walkways immediately after reopening of the sidewalk, unless otherwise noted in the plans.
11. Meet the requirements of Index 304 for temporary curb ramps.
12. Place pedestrian longitudinal channelizing device(s) across the full width of the closed sidewalk. For temporary walkways, similar to the Sidewalk Diversion, place LCD's to delineate both sides of the temporary walkway.



CROSSWALK CLOSURE AND PESESTRIAN DETOUR



SIDEWALK DETOUR



SIDEWALK DIVERSION

LAST REVISION	REVISIONS	DESCRIPTION	FDOT FY 2017-18 DESIGN STANDARDS	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS	INDEX NO.	SHEET NO.
11/01/16					660	1 of 1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
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DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
08-16-18	RK6	2018-0118

TEMPORARY FIRE STATION Nº 63
MAINTENANCE OF TRAFFIC

SHEET No. C-01

Exhibit Z-1

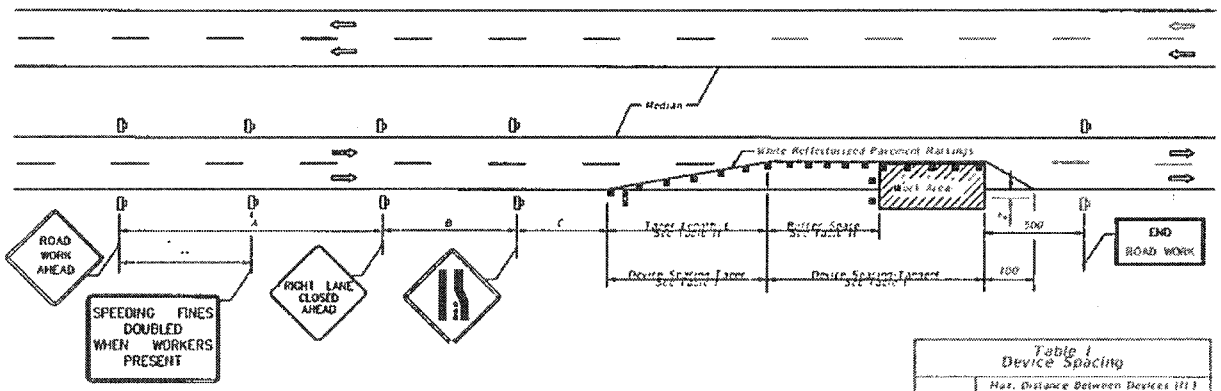


Table II
Buffer Space and Taper Length

Speed (mph)	Buffer Space	Taper Length (ft) Lateral Transition		
	Work Area (ft)	(ft)	Speed (mph)	
25	155	125		
30	200	150		L = WS²/60
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	55	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	500	1000	1000

* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign and the RIGHT LANE CLOSED 1/2 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 on the outside 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

10 Notify the traffic engineering division (255-7331) a minimum of 5 working days prior to implementation of the MOT

11 The project work hours shall be between 7:00 AM and 7:00 PM on residential streets and 9:00 AM and 3:00 PM on collector or arterial streets.

12 No lane closures are allowed from 7:00 AM to 9:00 AM and 4:00 PM to 7:00 PM Monday through Friday.

13 Access to side streets, private and commercial driveways shall be maintained throughout construction.

14 The City of Jacksonville prohibits mid-block crossings of pedestrians. When an alternate paved pedestrian route is not available, the contractor shall maintain a 4 ft. wide stable pedestrian pathway in accordance with FDOT Index 660

DURATION NOTES

1 Temporary white striping 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 boards, 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 maximum gross weight vehicle rating (GVWR) of 19,001 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
- Arrow Warning Arrow Board

BICYCLE/PEDESTRIAN NOTE

WHEN AN EXISTING PEDESTRIAN WAY OR BICYCLE WAY IS LOCATED WITHIN A TRAFFIC CONTROL WORK ZONE, ACCOMMODATION MUST BE MAINTAINED AND PROVISION FOR THE DISABLED MUST BE PROVIDED

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
01/01/16		

FDOT FY 2017-18 DESIGN STANDARDS

MULTILANE, WORK WITHIN TRAVEL WAY MEDIAN OR OUTSIDE LANE

INDEX NO. 613 | SHEET NO. 1 of 2

REVISIONS

DATE	DESCRIPTION
11-4-16	DMG COMMENT (NOTES ONLY)

ENGINEER OF RECORD
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 W. HOGAN ST
JACKSONVILLE, FL 32202

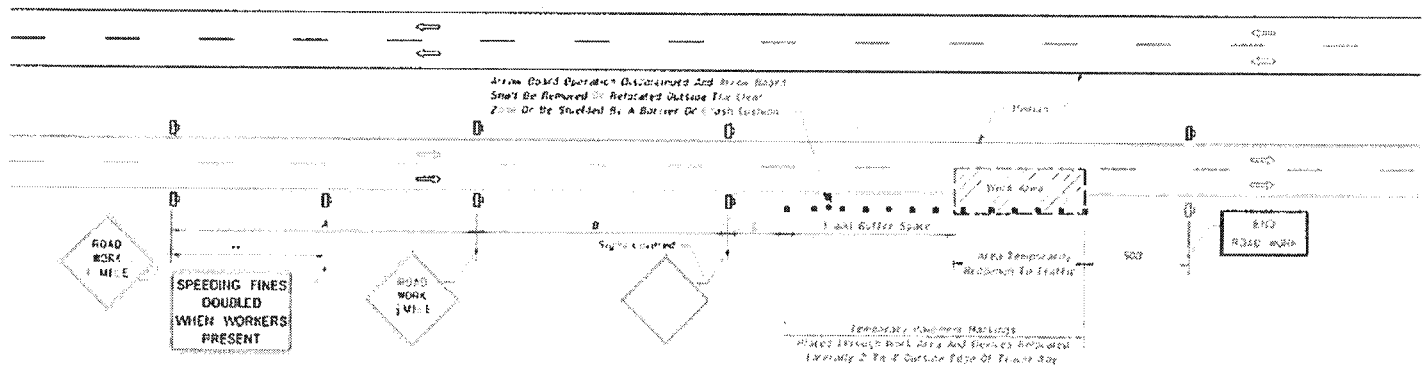
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJ. #
08-16-18	RKG	2018-0118

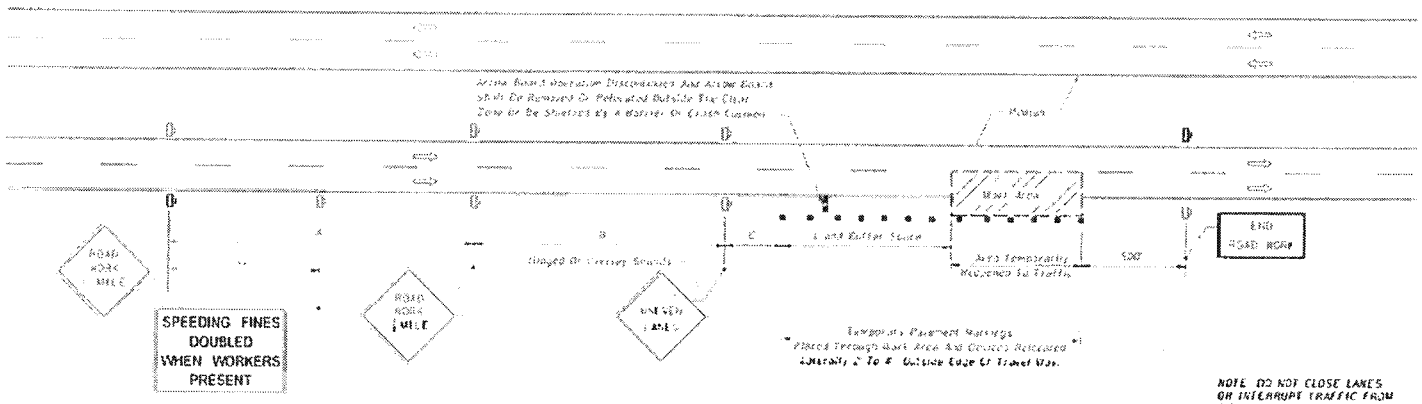
TEMPORARY FIRE STATION Nº 63
MAINTENANCE OF TRAFFIC

SHEET NO. C-6.2

Exhibit Z-1



EVEN PAVEMENT



NOTE: DO NOT CLOSE LANES OR INTERRUPT TRAFFIC FROM 7:00AM TO 8:30AM AND 4:30PM TO 6:00PM

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
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
08 16 18	RKG	2018 0118

TEMPORARY FIRE STATION Nº 63
MAINTENANCE OF TRAFFIC

SHEET NO. C-6.3

BID # CDB-0006-16 — SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

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

MR APPROVED ✓ DATE 2/04/16

DISAPPROVED: _____

OTHER: _____

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

SIGNATURE OF AUTHENTICATION

BID # CDB-0006-16

FOR DESIGN- BUILD SERVICES OF HORIZONTAL/CIVIL ENGINEERING PROJECTS

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

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

QWS3270X 1/4/2019 10:07 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 01/04/2019
LINK TO: ACCOUNT SUMMARY INQUIRY 10:07 AM

FISCAL MO/YEAR : 04 2019 CURRENCY CODE :
INDEX CODE : FRCP32EFS FIRE STATIONS CAPITAL PROJECTS
SUBOBJECT : 069505 DM-OTHER CONSTRUCTION COSTS
PROJECT : FR0040 FIRE STATION # 63
PROJECT DETAIL : 02 FIRE STATION # 63 (TEMPORARY)
GRANT :
GRANT DETAIL :
USER CODE :

S	JAN 2019	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	.00	250,000.00
EXPENDITURES	.00	204.50	4,734.81
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	-204.50	245,265.19

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

FISCAL MO/YEAR : 04 2019 CURRENCY CODE :
INDEX CODE : FRCP32EFS FIRE STATIONS CAPITAL PROJECTS
SUBOBJECT : 069505 DM-OTHER CONSTRUCTION COSTS
PROJECT : FR0040 FIRE STATION # 63
PROJECT DETAIL : 01 FIRE STATION # 63 NEW CONSTRUCTION
GRANT :
GRANT DETAIL :
USER CODE :

S	JAN 2019	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	.00	2,682,645.00
EXPENDITURES	.00	250.00	1,750.00
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	-250.00	2,680,895.00

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