



Jackson County Board of Commissioners

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Jefferson, Georgia 30549
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Email: myarbrough@jacksoncountygov.com

Date: March 19, 2021

To: All Qualified Bidders and Plan Holders

From: Jackson County Airport
Myrna Yarbrough, Jackson County Purchasing Manager

RE: Addendum 2 to Jackson County ITB 210002, Apron Pavement and Drainage Rehab, Phase 2, Jackson County Airport

This Addendum is hereby made a part of the contract documents and specifications of the above referenced project. All other requirements of the original specifications and drawings shall remain in effect in their respective order. Acknowledge receipt of this addendum by inserting its number and date in the proposal form. All other terms and conditions in ITB 210002 remain unchanged.

GENERAL

1. Meeting minutes of the Pre-Bid meeting held on Thursday March 11, 2021 are included in this addendum and are attached.
2. Deadline for Request for Information/ Questions from Bidders shall be Friday 3/19 at 5:00 pm local time
3. Any inquiries concerning Addendum 2 should be made to Jason Kennedy of WK Dickson at jkennedy@wkdickson.com.
4. As discussed during the pre-bid meeting, Bidder Qualifications for this project are as follows:
 - a. Prime Bidders must be GDOT prequalified.
 - b. General Contractor License is not required for prime bidders,
 - c. GDOT prequalification is not required for subcontractors.
5. Jackson County reserves the right to reject any and all proposals, to waive any technicalities or irregularities and to award the offer based upon the most responsive, responsible submission.
6. Bidders must acknowledge receipt of addenda, by either signing and attaching this copy, or by writing "Acknowledge Addenda #2" at bottom of the proposal.

BID FORMS

- 1 The Schedule of Work (Bid Forms I-57.1 to 57.11) has been revised to reflect updated quantities and pay items and is attached to this addendum. Pay items that changed are noted

with “Add. No. 2”. Bidders shall use the revised Schedule of Work, with header note “Addendum No. 2 “for preparation of bid packages.

SPECIFICATIONS

1. D-702: REPLACE paragraph 702.5-1 to read as follows:
“**702-5.1** Payment shall be made at the contract unit price per linear foot for each slotted drain with 18” pipe. Payment shall be full compensation for all preparation, excavation, backfill, and installation of the slotted drain; and all labor, equipment, tools, and incidentals necessary to complete the item. Material for 18” diameter pipe with slotted drains will be supplied by the Owner.”
2. D-702: ADD paragraph 702.5-2 to read as follows:
“**702-5.2** Payment shall be made at the contract unit price per linear foot for each slotted drain with 24” diameter pipe. Payment shall be full compensation for all preparation, excavation, backfill, and installation of the slotted drain; and all labor, equipment, tools, and incidentals necessary to complete the item. Material for 24” diameter pipe with slot drains will be supplied by the Owner.”
3. D-702: ADD paragraph 702.5-3 to read as follows:
“**702-5.3** Payment shall be made at the contract unit price 24” diameter Elbow for Slotted Drain, including transition sleeves and all appurtenances on a per each basis as designated on the plans. Payment shall be full compensation for all preparation, excavation, backfill, and installation of the 24” Elbow; and all labor, equipment, tools, and incidentals necessary to complete the item. Material for 24” diameter Elbow for Slotted drainpipe will be supplied by the Owner.”
4. D-702: ADD paragraph 702.5-4 to read as follows:
“**702-5.4** Payment shall be made at the contract unit price for Concrete for Slotted Drain Backfill per cubic yard. Payment shall be full compensation for all materials, preparation, transport, installation, finishing, and all labor, equipment, tools, and incidentals necessary to complete the item.”
5. D-702: REVISE pay item names to read as follows:
“Payment will be made under:

Item 702-5.1	Slotted Drain with 18” Diameter Pipe (installation only, material provided by Owner), per linear foot.
Item 702-5.2	Slotted Drain with 24” Diameter Pipe, (installation only, material provided by Owner), per linear foot.
Item 702-5.3	24” Diam. Elbow for Slotted Drain, (installation only, material provided by Owner) per each
Item 702-5.4	Concrete for Slotted Drain Backfill per cubic yard”

PLANS

6. Sheet 1 of 25: REMOVE Summary of Quantities Table. Bidders should refer to Schedule of Work for contract quantities and pay items.

ATTACHMENTS

1. Pre-Bid Meeting Minutes
2. Revised Schedule of Work

END OF ADDENDUM NO. 2



Jackson County Airport (JCA – Jefferson, GA)
Apron Pavement & Drainage Rehabilitation, Phase 2
Jackson County Solicitation No. 210002
Pre-Bid Meeting Minutes
March 11, 2021 @ 9:00 AM
Microsoft Teams Conference Call

Meeting Attendees:

Tom Strong – Jackson County Airport
 Myrna Yarbrough – Jackson County Purchasing
 Jason Kennedy – WK Dickson
 Brandon Attaway – Attaway Construction
 Richard McGuirt – Wilson Construction Management
 Ross Wright - Helix Group
 Sloane Laughman – BM&K Construction

Meeting Agenda

1. Project Contact Information

<u>Role</u> Organization	Contact Person	Address	Phone	E-mail
<u>Engineer</u> WK Dickson	Jason Kennedy Project Manager	720 Corporate Center Drive. Raleigh, NC 27607	(919) 782-0495	jkennedy@wkdickson.com
<u>Owner</u> Jackson County	Myrna Yarbrough Purchasing Manager	67 Athens St. Jefferson, GA 30549	(706) 367-6309	myarbrough@jacksoncountygov.com
<u>Airport</u> Jackson County Airport	Tom Strong Airport Manager	500 Sky Harbor Way Jefferson, GA 30549	(706) 367-1493	tstrong@jacksoncountygov.com

2. RFI Instructions

- All requests for information (RFIs) shall be submitted via e-mail to Jason Kennedy at jkennedy@wkdickson.com All RFIs must be received by 5:00 PM EDT **Friday March 19, 2021** at 5:00 PM local time.

- Please note that nothing verbally discussed or answered today is to be considered an official response. If you have a question that you feel is important, please send an RFI via e-mail, and that question/clarification will be addressed in writing and made a part of the Bid Documents.
- Please note that Addendum #1 was previously issued and posted to the Jackson County Purchasing website and the WK Dickson Plan Room site.

3. Site Visit

- Please contact the airport at (706) 367-1493 to arrange for a pre-bid site visit.
- Bidders are responsible for having visited the site and familiarized themselves with the existing conditions prior to submitting a bid.

4. Bid Opening

- Bid opening will be on Monday, March 29, 2021 10:00 AM EDT in the Finance Director's Conference Room of the Jackson County Administrative Building.
- No bids will be accepted after 10:00 AM EDT on Monday March 29, 2021. No exceptions. The Purchasing Manager shall keep the official time.
- We ask that, due to the ongoing COVID-19 pandemic, bidders mail, ship, or drop off their bid proposals. The bid opening will be limited to essential Jackson County personnel.

5. General Description of Project/Review Plans

- Bid packages, including plans, contract documents, and technical specs, are available (via download, USB drive, or hard copy) through the Plan Room tab at www.wkdickson.com. You may view the bid package documents for free in the Plan Room or on the Jackson County Purchasing website; however, you must be a registered plan holder with the WK Dickson Plan Room (i.e. have purchased plans) in order to have your bid considered.
- The project's scope of work includes the following: (see attached presentation slides)
 - a. Pavement crack cleaning and sealing of the southernmost apron area (1,100 LF).
 - b. Removal, replacement, and expansion of the asphalt pavement in the T-Hangar area 3" asphalt over 6" GAB. (1,825 tons/ 10,000 SY)
 - c. Installation slotted drain-pipes (623 LF total), CMP and RCP pipe, 2 DI, and 1 FES.
 - d. The existing slotted drain pipe located in T-Hangar Apron #2 is to remain in place.
 - e. Grading of 92 LF grass channel near intersection of Parallel Taxiway A and the former Runway 9/27.
- Erosion control measures include the construction entrance, compost filter sock, storm drain inlet protection, inlet sediment traps, slotted board dam retrofits, rip-rap outlet protection, matting blanket, and the stabilization (grassing) of all disturbed areas.

6. Permitting

- Erosion Control Permit has been obtained by the Owner. Permit card will be released to the selected contractor upon notice to award.
- Contractor is required to apply for and obtain all other state and/or local permits necessary to complete the work.

7. Airport Safety

- Prior to starting construction, the contractor shall make themselves familiar with FAA Advisory Circular AC 150/5370-2G, which has been included in the project specifications. A free electronic copy may be downloaded from www.faa.gov.
- The contractor shall not enter the Runway Safety Area (RSA), Runway Object Free Area (ROFA), Taxiway Safety Area (TSA), or Taxiway Object Free Area (TOFA) without meeting the requirements of the plans, specs, and safety protocols.
- Temporary lighted barricades will be necessary at the intersection of Parallel Taxiway A and the former Runway 9/27 when work is being performed inside the TOFA (grass channel).
- Temporary lighted barricades will be necessary at the intersection of Airport Hangar Road and the former Runway 9/27 to prevent aircraft from entering the active construction area.
- Equipment height will be limited to 15'. Any equipment exceeding 15' in height must receive prior permission from the Engineer before mobilizing.
- No debris of any nature shall be allowed outside of the construction areas.
- Barricades will be provided by the Airport.

8. Contract Time

- a. Contract time is 75 consecutive calendar days.
- b. Tentative schedule is as follows:
 - a. Bid opening March 29, 2021
 - b. Recommendation of Award to Jackson County April 19th, 2021.
 - c. Notice of Award: April 21st, 2021
 - d. Pre-Construction meeting: May 3rd, 2021
 - e. Notice to Proceed: May 17th, 2021
 - f. Project Completion July 31st, 2021
- c. Liquidated Damages and Owner Expenses. (Special Provision 23)
 - a. Liquidated Damages of \$500 per calendar day may be assessed if Contractor does not achieve final completion (not substantial completion), as determined by the Engineer and Jackson County, within the contract period.
 - b. In addition to liquidated damages , the selected contractor agrees to pay the Owner the actual costs to the Owner for any inspector or inspectors necessarily employed by the Owner on the work and the actual costs to the Owner for the Engineer's services including construction contract administration, observation of the construction, material testing and project representative services including time, travel and subsistence expenses after the date specified for the project completion until work is completed and ready for final payment.
 - c. Liquidated Damages and expenses incurred by the owner for late project delivery will be deducted from the contractor's final payment.
- d. Contractor must provide an acceptable project schedule using critical path methodology showing how all work elements will be sequenced to complete the project on time. This schedule once accepted by the Owner will be used as the baseline to measure work progress

through construction. A notice to proceed will not be issued prior to acceptance of the contractor's baseline schedule.

- e. The contractor shall provide an accurate schedule progress update at each routine progress meeting to report if the project is on schedule, behind schedule or ahead of schedule.

9. Bid Proposal

- a. Submit entire proposal section (currently I-53 to I-76), provided separately, according to "Instructions to Bidders". Ensure that all required forms are properly completed.
- b. A DBE participation goal of 7.27% has been set for this project. Bidders must demonstrate a good faith effort to solicit participation by state-certified DBE contractors, subcontractors, and suppliers. Please complete all required forms, including a Letter of Intent for each DBE subcontractor or supplier.
- c. The schedule of work for in the proposal section of the bid manual defines pay items for this project. Review these along with the plans and specifications carefully to ensure you understand what items have individual pay items, and what items are incidental to other pay items. Pay items are defined on the Schedule of Work, plan sheets and technical specifications.
- d. The project is being funded, in part, by Federal funds. Therefore, all applicable Federal requirements (such as the Davis-Bacon Act and Buy American) are in place.
- e. Must be properly licensed in the State of Georgia to submit a bid proposal; license number is to be listed on the outside of the proposal envelope.
- f. Prime Bidders must be GDOT prequalified at the time of bid opening.
- g. A 5% bid bond is required.

10. Bid Award

- a. An award of any contract is subject to the availability of Federal, State, and/or local funding.
- b. It is anticipated that the contract award will be made to the lowest responsive and responsible bidder if an award is made.
- c. Jackson County reserves the right to reject any or all bids, to waive informalities and minor irregularities, and to accept the bid deemed to be in the best interest of the County.
- d. Bid proposals are valid for 120 calendar days.

11. Construction

- a. Contractor will be responsible for field-locating and marking all property lines and construction limits prior to commencing construction activities.
- b. The Contractor shall have a competent superintendent on the project site at all times while working is underway, who is fully authorized as their agent on the work. The superintendent shall be capable of reading and thoroughly understanding the plans and specifications and shall receive and fulfill instructions from the Engineer or their authorized representative.
- c. Contractor will be responsible for field-locating and marking all existing above-ground and underground utilities in the project area prior to commencing construction activities. Contractor shall be responsible for the costs associated with the procurement of any necessary private utility location services. 811 does not typically locate public utilities located inside airport property. Utilities damaged during construction shall be repaired at the contractors expense.

- d. Contractor is required to prepare for and attend routine progress meetings throughout the duration of the project. Attendees for the contractor shall include but are not limited to, the project manager, superintendent and/or critical sub-contractors so that the project progress may be accurately reported and project matters may be coordinated as needed.
- e. Partial pay requests may be submitted to the Owner monthly.
- f. The contractor shall provide record drawings documenting the completed work. Record drawings shall be prepared and sealed by a licensed surveyor.

12. Questions/Comments

- All requests for information (RFIs) shall be submitted via e-mail to Jason Kennedy at jkennedy@wkdickson.com All RFIs must be received by 5:00 PM EDT Friday, March 19, 2021 at 5:00 PM local time.
- Pre-bid meeting minutes with list of attendees will be distributed to all e-mail addresses that accepted this meeting request.
- Clarification regarding bidder qualification was discussed:
 - i. Prime Bidders must be GDOT prequalified.
 - ii. General Contractor License is not required for prime bidders,
 - iii. GDOT prequalification is not required for subcontractors.

Jackson County Airport (JCA)

**Apron Pavement and Drainage Rehab Phase-2
Pre-Bid Meeting
March 11, 2021**



Project Location



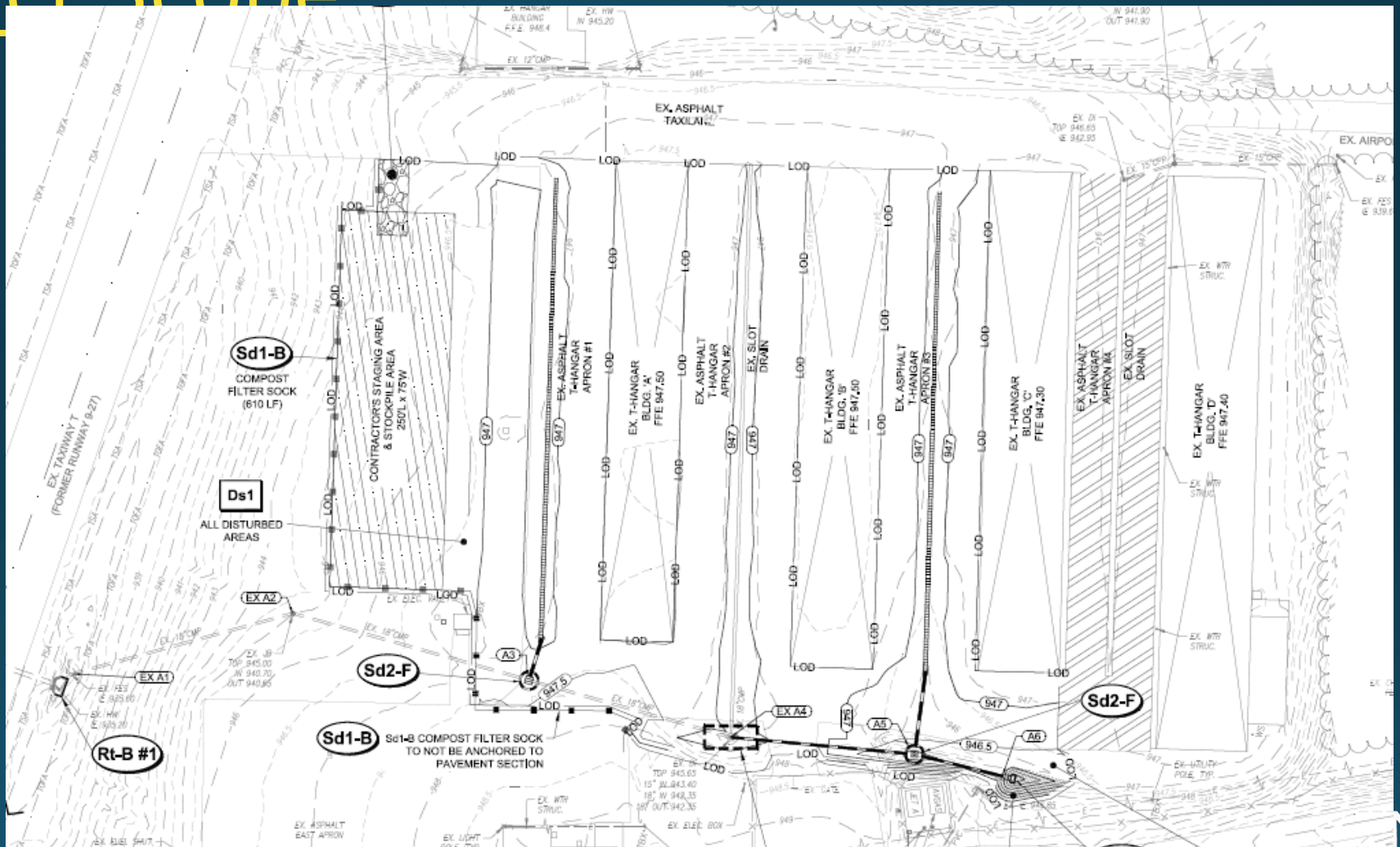
Project Scope

- Pavement Crack Sealing (Apron #4)
- Removal of existing pavement (Aprons 1-3)
- Adjustment of subgrade
- Installation of slotted drain system and other drainage improvements
- Construction of new Apron Pavement

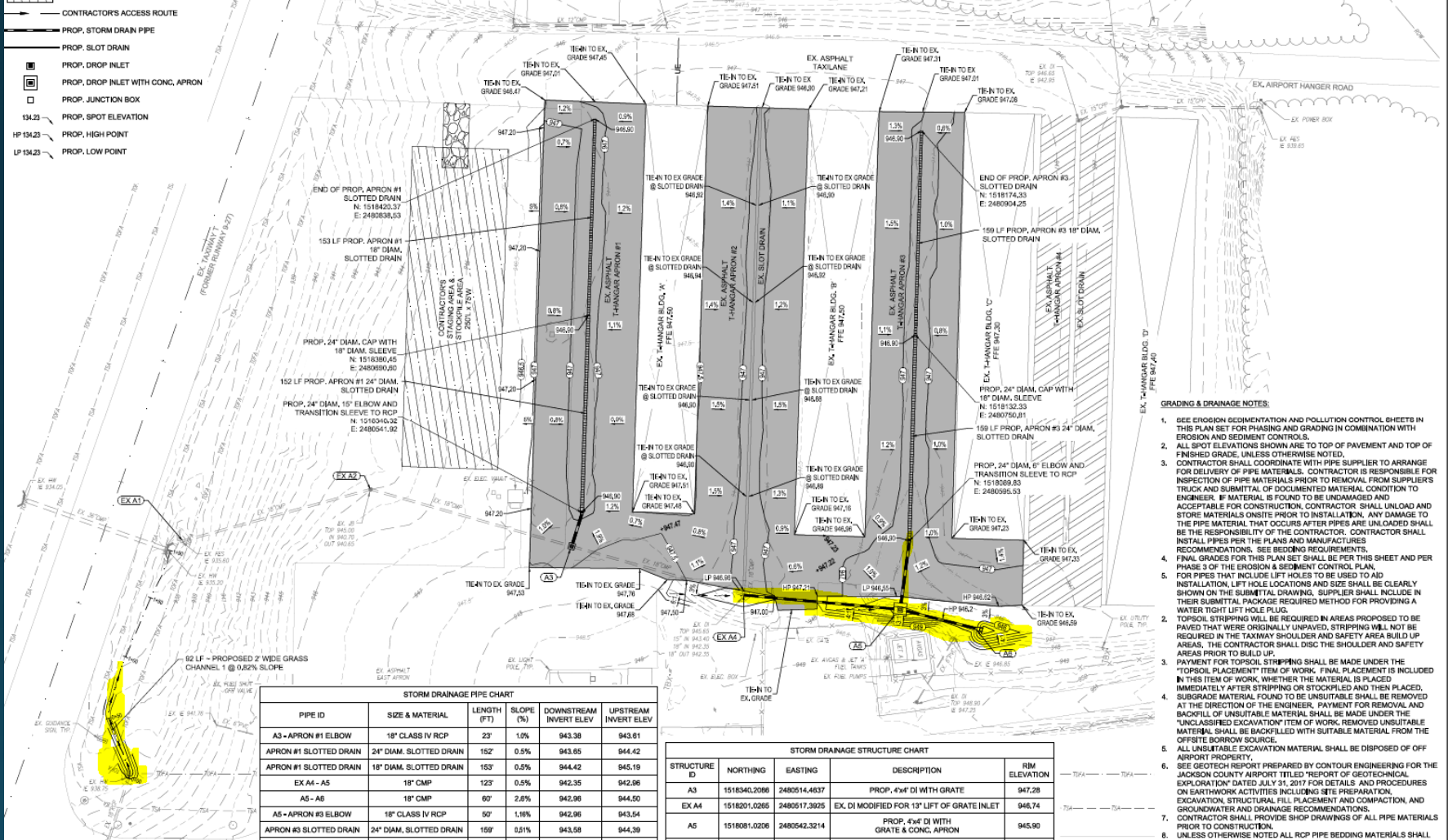
Existing Conditions



Project Scope



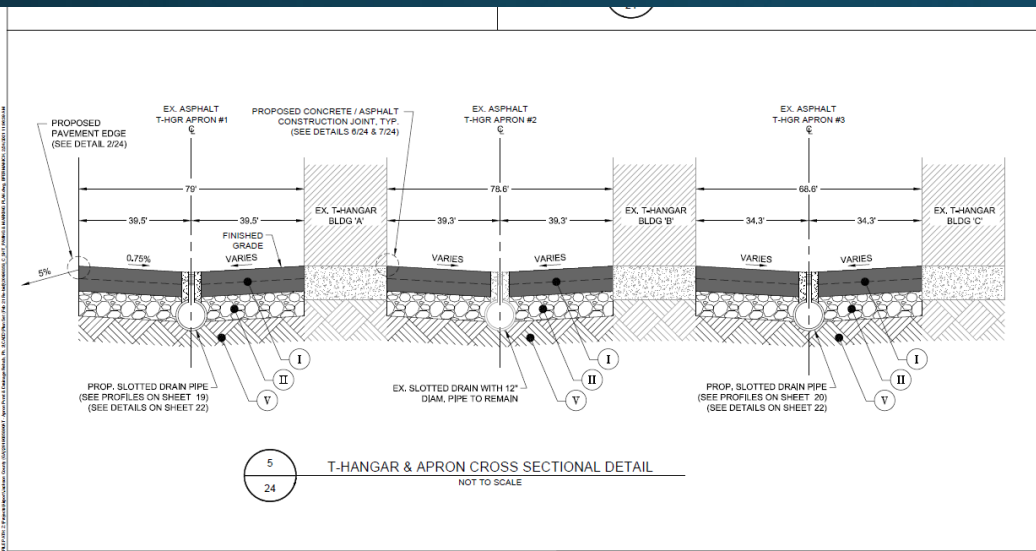
Project Scope



DOCUMENT - NOT FOR CONSTRUCTION



Paving



NOTES:

- PROOFROLLING SHALL OCCUR IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER OR HIS/HER REPRESENTATIVE. PROOFROLL THE SUBGRADE WITH A 20 TO 30-TON LOADED TAND-EM-AXLED DUMP TRUCK OR OTHER PNEUMATIC-TIRED VEHICLE OF SIMILAR SIZE AND WEIGHT. IF UNSUITABLE SOILS ARE ENCOUNTERED THEN UNDERCUTTING SHALL BE REQUIRED. UNDERCUT SOILS SHALL BE REPLACED WITH STRUCTURAL FILL, CRUSHED STONE, OR STABILIZED IN-PLACE. TYPICAL STABILIZATION SHOULD INCLUDE PARTIAL UNDERCUTTING OF UNSUITABLE SOILS AND REPLACING WITH STRUCTURAL FILL OR CRUSHED STONE UNDERLAIN WITH A GEOGRID, SUCH AS TENSAR TX 140 OR APPROVED EQUAL.
- ANY STRUCTURAL FILL TO BE USED ON SITE SHALL BE EVALUATED AND APPROVED BY THE GEOTECHNICAL ENGINEER. OFF-SITE BORROW MATERIALS MAY BE USED AS STRUCTURAL FILL PROVIDED THAT THEY HAVE A LIQUID LIMIT (LL) NOT EXCEEDING 40 PERCENT AND A PLASTIC INDEX (PI) NOT EXCEEDING 20 PERCENT, AND MOISTURE CONDITIONED TO MAINTAIN A MOISTURE CONTENT WITHIN TWO (2) PERCENTAGE POINTS ABOVE AND BELOW THE OPTIMUM MOISTURE CONTENTS.
- STRUCTURAL FILL SHOULD BE PLACED IN THIN LOOSE LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS AND TESTED BY A SOILS TECHNICIAN TO DETERMINE THE COMPACTION PERCENTAGE. AT A MINIMUM, IN AREAS TO BE PAVED, COMPACT THE UPPER 18 INCHES OF SUBGRADE IN FILL AREAS AND THE UPPER 12 INCHES IN CUT AREAS TO 98 PERCENT OF THE SOIL'S MAXIMUM MODIFIED PROCTOR DENSITY VALUE (ASTM D1557) AND 95 PERCENT OF THE SOIL'S MAXIMUM MODIFIED PROCTOR DENSITY VALUE BELOW THIS LEVEL. FIELD DENSITY TESTING SHOULD BE PERFORMED AS ONE TEST PER LIFT FOR EVERY 10,000 SQUARE FEET.
- SEE SPECIFICATION P-152 FOR COMPACTION REQUIREMENTS.
- SEE GRADING AND DRAINAGE PLAN ON SHEET 17 FOR FURTHER DETAILS ON PAVEMENT GRADES.
- SEE PAVING, MARKING, AND LAYOUT PLAN ON SHEET 23 FOR FURTHER DETAILS ON PAVEMENT DIMENSIONS.

REQUIRED PAVEMENT (ALL SECTIONS)

I	GDOT 402	BITUMINOUS SURFACE COURSE, 3" THICK, PLACED IN TWO 1.5" LIFTS
II	FAA P-209	CRUSHED AGGREGATE BASE COURSE, 6" THICK
III	FAA P-602	PRIME COAT
IV	FAA P-603	TACK COAT
Y	FAA P-152	COMPACTED SUBGRADE UNDER PAVEMENT, MINIMUM 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557)

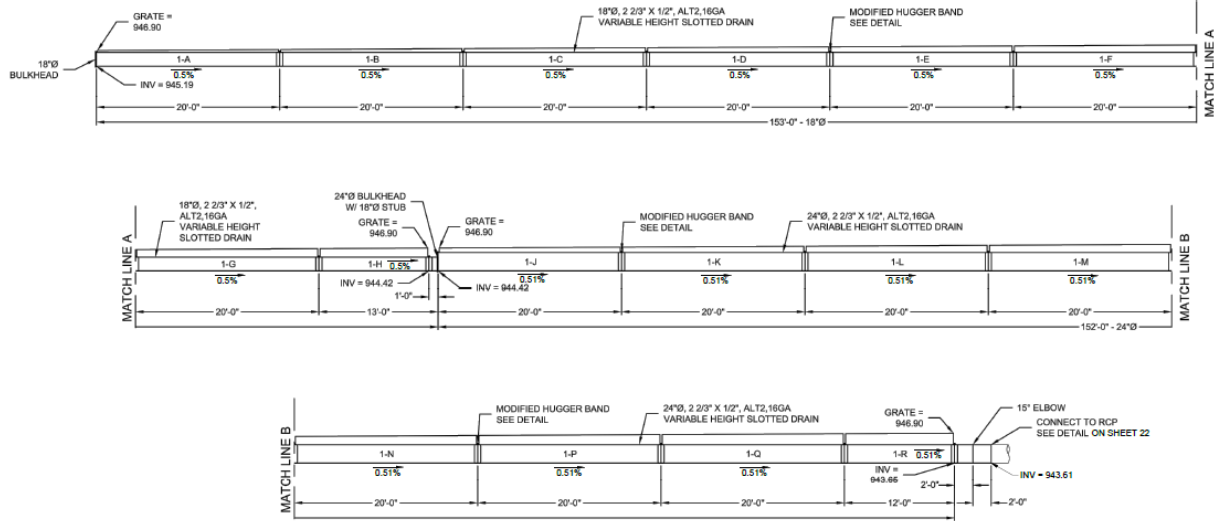
BID DOCUMENT - NOT FOR CONSTRUCTION

PROJECT NAME: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: PAVING DETAILS

PROJ. MGR.: JPK
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: FEB 2021
DRAWING NUMBER: 24 OF 25
WKD PROJ. NO.: 20190358.00.AT



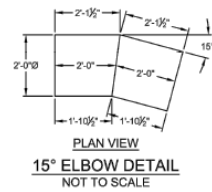
Slot Drain



PIPE SCHEDULE							
18"Ø 16GA ALT2 2 2/3"X1/2" SLOTTED DRAIN							
PIPE #	PIPE LENGTH	GRATE HEIGHT AT INLET (ft)	GRATE HEIGHT AT OUTLET (ft)	GRATE LENGTH	TOP GRATE	BOTTOM GRATE	MIN ELUTE EXTENDER
1-A	20'-0"	2 1/2"	3 3/4"	19'-10"	8"	8"	
1-B	20'-0"	3 3/4"	5"	19'-10"	8"	8"	
1-C	20'-0"	5"	6 1/8"	19'-10"	8"	2 1/2"	
1-D	20'-0"	6 1/8"	7 3/8"	19'-10"	8"	2 1/2"	
1-E	20'-0"	7 3/8"	8 5/8"	19'-10"	8"	8"	
1-F	20'-0"	8 5/8"	9 3/4"	19'-10"	8"	8"	4"
1-G	20'-0"	9 3/4"	11"	19'-10"	8"	8"	
1-H	13'-0"	11"	11 3/4"	12'-10"	8"	8"	
*	BULKHEAD	18"Ø 12GA BULKHEAD @ INLET					
QTY	8	MODIFIED HUGGER BAND - 18"Ø					

ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES

ASSEMBLY PROFILE - APRON #1
SCALE: 1"=5'



PIPE SCHEDULE							
24"Ø 16GA ALT2 2 2/3"X1/2" SLOTTED DRAIN							
PIPE #	PIPE LENGTH	GRATE HEIGHT AT INLET (ft)	GRATE HEIGHT AT OUTLET (ft)	GRATE LENGTH	TOP GRATE	BOTTOM GRATE	MIN ELUTE EXTENDER
1-I	20'-0"	5 3/4"	7"	19'-10"	8"	2 1/2"	
1-K	20'-0"	7"	8 1/4"	19'-10"	8"	2 1/2"	
1-L	20'-0"	8 1/4"	9 1/2"	19'-10"	8"	8"	
1-M	20'-0"	9 1/2"	10 3/8"	19'-10"	8"	8"	
1-N	20'-0"	10 3/8"	11 7/8"	19'-10"	8"	8"	
1-P	20'-0"	11 7/8"	13 1/8"	19'-10"	8"	8"	4"
1-Q	20'-0"	13 1/8"	14 1/4"	19'-10"	8"	8"	8"
1-R	12'-0"	14 1/4"	15"	11'-10"	8"	8"	8"
*	BULKHEAD	24"Ø 12GA BULKHEAD W/ 18"Ø STUB, 1'-0" LONG					
QTY	1	15" ELBOW - 3"Ø, 2'-0" LONG					
QTY	8	MODIFIED HUGGER BAND - 24"Ø					

ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES

NOTES:

- 1) ALL ELEVATIONS, DIMENSIONS AND LOCATIONS OF GRATES, SHALL BE VERIFIED BY THE ENGINEER PRIOR TO RELEASING FOR FABRICATION.
- 2) ALL CUTS AND WELDS SHALL BE PAINTED WITH A ZINC-BASED PAINT.
- 3) IN SITUATIONS WHERE A FINE-GRAINED BACKFILL MATERIAL IS USED ADJACENT TO THE PIPE SYSTEM AND ESPECIALLY IN SITUATIONS INVOLVING HIGH GROUNDWATER TABLES, CONSIDERATION SHOULD BE GIVEN TO THE USE OF GRANULED PIPE JOINTS AT THE VERY LEAST. THE PIPE JOINTS SHOULD BE WRAPPED IN A SUITABLE, NON-WOVEN GEOTEXTILE FABRIC TO PREVENT INFILTRATION OF FINES INTO THE PIPE SYSTEM.
- 4) ALL FITTINGS COMPLY WITH ASTM A886.
- 5) SYSTEM MADE FROM 18" & 24"Ø, 2 2/3"X1/2", ALT2, 16GA, CMP.
- 6) CMP IS SUBJECT TO MANUFACTURERS TOLERANCES.



REVISION RECORD

NO.	DATE	DESCRIPTION

PROJECT NAME: APRON PAVEMENT AND DRAINAGE REHABILITATION
LOCATION: JACKSON COUNTY AIRPORT (JCA)
CITY OF JEFFERSON, GEORGIA

DRAWN BY: []
CHECKED BY: []
DATE: []

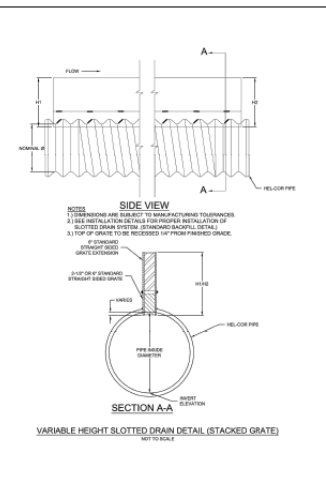
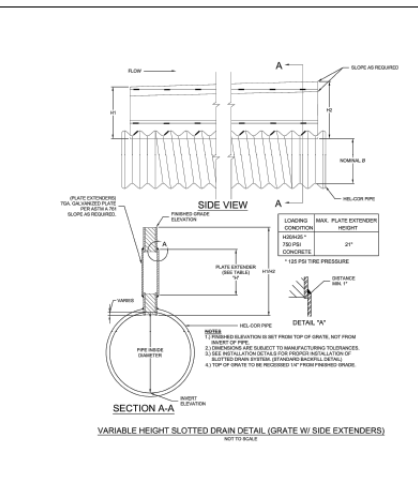
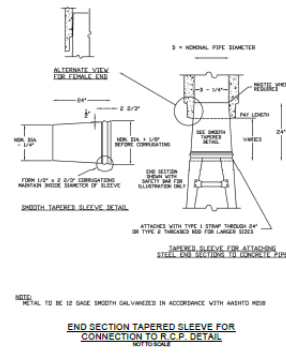
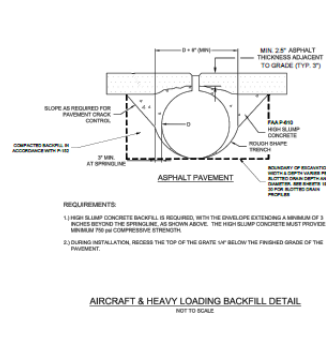
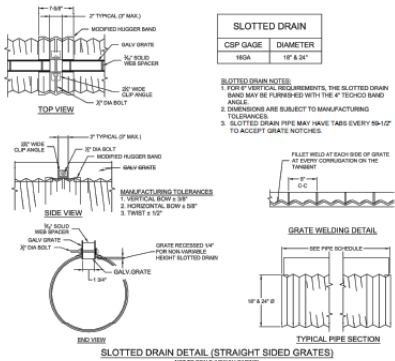
PROJECT TITLE: SLOTTED DRAIN PROFILES - SHEET 1

PKL MGR.: []
DESIGN BY: []
DRAWN BY: []
PKL DATE: []
DRAWING NUMBER:
19 OF 25
WDD PROJ. NO.:
20190358.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION



Slot Drain



PROVISION FOR CORRUGATED STEEL PIPE (CONC)
 THE GRATE SHALL BE VERTICAL STRAIGHT GRADE WITH A 1/4" GAP FORMED IN THE TOP AND BOTTOM CHANGES FROM CONCRETE ON THE FLANKS. THE TOP AND BOTTOM CHANGES SHALL BE 1/4" DIA. FOR 18" DIA. GRADES.
MANUFACTURING TOLERANCES:
 VERTICAL CLEARANCE: ±0.015"
 HORIZONTAL CLEARANCE: ±0.015"
CONTROL METHOD: FOR UNFINISHED SLOTTED GRATES OR AN APPROVED EQUAL SHALL BE USED TO CHECK THE SQUARE POSITION ON THE FLANKS.
 ALL FABRICATION OF THE PRODUCT SHALL OCCUR WITHIN THE UNITED STATES.
ALL FABRICATION OF THE PRODUCT SHALL OCCUR WITHIN THE UNITED STATES.

REQUIREMENTS:
 1) HIGH SLUMP CONCRETE BACKFILL IS REQUIRED WITH THE DEVELOPE EXTENDING A MINIMUM OF 3 FEET BEYOND THE STRIPWAYS AS SHOWN ABOVE. THE HIGH SLUMP CONCRETE MUST PROVIDE A MINIMUM 300 PSI COMPRESSIVE STRENGTH.
 2) DURING INSTALLATION, PRESS THE TOP OF THE GRATE 4" BELOW THE FINISHED GRADE OF THE PAVEMENT.

WK DICKSON
 3102 POWERS PERRY ROAD
 SUITE 100, ATLANTA, GA 30338
 (770) 555-5100
 WWW.WKDICKSON.COM

FOR THE CITY OF JEFFERSON, GEORGIA

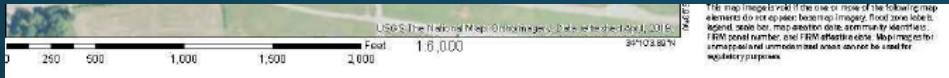
CONTRACT NO. 20190368.00.AT

22 OF 25
 WMD PROJ. NO. 20190368.00.AT

PREPARED BY: BCP
DESIGNED BY: BCP
CHECKED BY: BCP
DATE: FEB 2021
SCALE: AS SHOWN



Erosion Control



This map image is valid if the one or more of the following map elements do not appear below: Imagery, flood zone table, legend, scale bar, map annotation date, datum by identifier, FIRM panel number, and FIRM effective date. Map images for unapproved and unannounced areas cannot be used for regulatory purposes.

INDEX OF DRAWINGS	
DRAWING NUMBER	DRAWING TITLE
1	COVER
2	PROJECT LAYOUT AND CONSTRUCTION SAFETY PLAN
3	SAFETY AND PHASING NOTES AND DETAILS
4	DEMOLITION PLAN
5	LIMITS OF DISTURBANCE TABLES
6	EROSION CONTROL PLAN COVER
7	NPDES NOTES - SHEET 1
8	NPDES NOTES - SHEET 2
9	NPDES NOTES - SHEET 3
10	GAR100002 CHECKLIST
11	BMP LOCATION PLAN PHASE 1 - CLEARING & GRUBBING
12	BMP LOCATION PLAN PHASE 2 - TEMPORARY GRASSING & VEGETATION
13	BMP LOCATION PLAN PHASE 3 - PERMANENT VEGETATION & STABILIZATION
14	EROSION CONTROL DETAILS - SHEET 1
15	EROSION CONTROL DETAILS - SHEET 2
16	EROSION CONTROL DETAILS - SHEET 3
17	GRADING & DRAINAGE PLAN
18	STORM DRAINAGE PROFILES
19	SLOTTED DRAIN PROFILES - SHEET 1
20	SLOTTED DRAIN PROFILES - SHEET 2
21	STORM DRAINAGE DETAILS
22	SLOTTED DRAIN DETAILS
23	PAVING, MARKING, AND LAYOUT PLAN
24	PAVING DETAILS
25	MARKING & CRACK REPAIR DETAILS

...LD VERIFY THE
...ELEVATIONS. THE
...ATELY CONTACT
...770-955-5574 IF ANY
...IN ELEVATIONS

...GGING, OR
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...E PLANS OR NOT.
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...G FROM
...SHALL BE THE
...TRACTOR.



BID DOCUMENT - NOT FOR CONSTRUCTION

PROJECT NAME:
**APRON PAVEMENT AND DRAINAGE REHABILITATION
FOR THE
JACKSON COUNTY AIRPORT (JCA)**

PROJ. MGR.:
DESIGN BY:
DRAWN BY:
PROJ. DATE:
DRAWING NUMBER:
10
WKD PROJ. NUMBER:
2019035



Construction Schedule

- Contract Duration: 75 Days
- Liquidated Damages: \$500/Day
- Anticipated NTP: May 17th, 2021
- Project Completion: July 31st, 2021

Questions

Submit Written Questions to:

Jason Kennedy: jkennedy@wkdickson.com

Deadline for questions shall be March 19th, at 5:00 pm

Final Addendum will be issued no later than March 22nd

Bid Opening: Monday March 29th, 2021 at 2:00 pm

Thank you



Item No. & Spec.	Description and Unit Price in Words	Quantity	Unit	Unit Price	Extended Total
Schedule I					
1 FAA C-105	Mobilization @ (write in words) _____ _____	1	LS	_____	_____
2 FAA C-102	Temporary Construction Exit, including installation, maintenance, and removal @ (write in words) _____ _____	1	EA	_____	_____
3 FAA C-102	Temporary Compost Filter Sock, including installation, maintenance, and removal @ (write in words) _____ _____	802	LF	_____	_____
4 FAA C-102	Temporary Storm Drainage Inlet Protection, including installation, maintenance, and removal @ (write in words) _____ _____	2	EA	_____	_____
5 FAA C-102	Temporary Excavated Inlet Sediment Trap Storm Drainage Inlet Protection, including installation, maintenance, and removal @ (write in words) _____ _____	1	EA	_____	_____
6 FAA C-102	Temporary Slotted Board Dam with Stone Retrofit, including installation, maintenance, and removal @ (write in words) _____ _____	2	EA	_____	_____
7 FAA C-102	Permanent Rip Rap Outlet Protection, including installation and maintenance @ (write in words) _____ _____	9	SY	_____	_____

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**SCHEDULE OF WORK
APRON PAVEMENT DRAINAGE REHABILITATION
PHASE 2**

Addendum #2
3/19/2021

Item No. & Spec.	Description and Unit Price in Words	Quantity	Unit	Unit Price	Extended Total
Schedule I					
8 FAA C-102	Permanent Slope Stabilization Matting Blanket, including installation and maintenance @ (write in words) _____ _____	172	SY	_____	_____
9 FAA P-101	Bituminous Pavement Removal @ (write in words) _____ _____	8,981	SY	_____	_____
10 FAA P-101	Remove Existing 15" CMP @ (write in words) _____ _____	100	LF	_____	_____
11 FAA P-101	Remove Existing Drainage Structure @ (write in words) _____ _____	1	EA	_____	_____
12 FAA P-101	Joint and Crack Repair and Seal @ (write in words) _____ _____	1,100.0	LF	_____	_____
13 FAA P-152	Unclassified Excavation @ (write in words) _____ _____	2,576	CY	_____	_____
14 FAA P-209	Crushed Aggregate Base Course, 6in Depth @ (write in words) _____ _____	2,040	CY	_____	_____

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**SCHEDULE OF WORK
APRON PAVEMENT DRAINAGE REHABILITATION
PHASE 2**

Addendum #2
3/19/2021

Item No. & Spec.	Description and Unit Price in Words	Quantity	Unit	Unit Price	Extended Total
Schedule I					
15 GDOT 402	Recycled Asphaltic Concrete 12.5mm, Group I or II, including bituminous materials and hydrated lime @ (write in words) _____ _____	1,825	TN	_____	_____
16 FAA P-602	Bituminous Prime Coat @ (write in words) _____ _____	3,060	GAL	_____	_____
17 FAA P-603	Bituminous Tack Coat @ (write in words) _____ _____	1,521	GAL	_____	_____
18 FAA P-620	Runway & Taxiway Marking, Permanent, Yellow, Reflective with Microbicide @ (write in words) _____ _____	449	SF	_____	_____
19 FAA P-620	Runway & Taxiway Marking, Temporary, Yellow, Non-Reflective with Microbicide @ (write in words) _____ _____	449	SF	_____	_____
20 FAA D-701	18" Diam. CMP, 16 gauge polymer coated @ (write in words) _____ _____	183	LF	_____	_____
21 FAA D-701	18" Diam. Class IV RCP @ (write in words) _____ _____	73	LF	_____	_____

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SCHEDULE OF WORK
APRON PAVEMENT DRAINAGE REHABILITATION
PHASE 2

Addendum #2
3/19/2021

Item No. & Spec.	Description and Unit Price in Words	Quantity	Unit	Unit Price	Extended Total
Schedule I					
22 FAA D-702 Add No.2	Slotted Drain with 18" Diameter Pipe (installation only, material provided by Owner) @ (write in words) _____ _____	312	LF	_____	_____
23 FAA D-702 Add No.2	Slotted Drain with 24" Diameter Pipe, (installation only, material provided by Owner) @ (write in words) _____ _____	311	LF	_____	_____
24 FAA D-702 Add No.2	24" Diam. Elbow for Slotted Drain, (installation only, material provided by Owner) @ (write in words) _____ _____	2	EA	_____	_____
25 FAA D-702	Concrete for Slotted Drain Backfill @ (write in words) _____ _____	108	CY	_____	_____
26 FAA D-751	4'x4' Drop Inlet, 0'-10' Depth @ (write in words) _____ _____	1	EA	_____	_____
27 FAA D-751	4'x4' Drop Inlet with Concrete Apron, 0'-10' Depth @ (write in words) _____ _____	1	EA	_____	_____
28 FAA D-752	18" Concrete Flared End Section @ (write in words) _____ _____	1	EA	_____	_____
29 FAA D-752	Modify Existing Drainage Structure @ (write in words) _____ _____	1	EA	_____	_____

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**SCHEDULE OF WORK
APRON PAVEMENT DRAINAGE REHABILITATION
PHASE 2**

Addendum #2
3/19/2021

Item No. & Spec.	Description and Unit Price in Words	Quantity	Unit	Unit Price	Extended Total
30 FAA T-901	Permanent Grassing, including seed, lime, fertilizer, and mulch @ (write in words) _____ _____	0.7	AC	_____	_____
31 FAA T-905	Topsoil Placement @ (write in words) _____ _____	556	CY	_____	_____
32 FAA T-908	Hydraulic Mulch with Tackifier @ (write in words) _____ _____	0.7	AC	_____	_____
33 FAA T-908	Temporary Mulch @ (write in words) _____ _____	2.6	AC	_____	_____
34 Add No. 2	Remove/relocate existing underground electrical utilities & transformers (Jackson EMC) @ (write in words) _____ _____	0	ALW	\$0.00	\$0.00
TOTAL BID					_____

The Owner reserves the right to award and/or reject any or all schedules of work.
 CONTRACT TIME: 75 CALENDAR DAYS
 Liquidated Damages \$500.00 per Calendar Day
 DBE Goal is 7.27%

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**SCHEDULE OF WORK
APRON PAVEMENT DRAINAGE REHABILITATION
PHASE 2**

Addendum #2
3/19/2021

Respectfully Submitted,

Contractor

Address

BY

Title

Date

DATE: _____

Current GA Contractor

License No.: _____

ACKNOWLEDGEMENT OF ADDENDA
NO. SIGNATURE

- 1. _____
- 2. _____
- 3. _____
- 4. _____

