

March 28, 2023

To: Plan Holders for Improvements to the
St. George Regional Airport
St. George, Utah
AIP Project No. 3-49-0060-045-2023

Transmitted herewith is Addendum No. 1 to the Issued for Bid Contract Documents, Specifications and Plans dated March 2, 2023, for Improvements to the St. George Regional Airport.

Schedule I (Federal)
Reconstruct Terminal Apron

Schedule II (Federal)
Expand Terminal Apron – North

Schedule III (Federal)
Expand Terminal Apron – South

Schedule IV (Non-Federal)
Reconstruct Terminal Apron

Sincerely,

Jviation, a Woolpert Company

Kirt McDaniel, P.E.
Project Manager

**ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
ST. GEORGE REGIONAL AIRPORT
ST. GEORGE, UTAH
AIP PROJECT NO. 3-49-0060-045-2023**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal shall result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of March 28, 2023:

1. CONTRACT DOCUMENTS/SPECIFICATIONS

Division 1, Public Notice, Bid Conditions

Replace the second paragraph with the following:

“Bids may be held by the City of St. George for a period not to exceed 120 days from the date of the bid opening for the purposes of evaluating bids prior to award of contract.”

The revised Public Notice will be included with the Issued for Construction documents.

Division 1, Information for Bidders, Bid Opening, Item 7

Replace the third sentence with the following:

“No BIDDER may withdraw a bid within 120 days after the actual date of opening thereof.”

The revised Information for Bidders will be included with the Issued for Construction documents.

Division 2, Bid Schedule I

Replace Bid Schedule I with the attached Bid Schedule I.

This changes Bid Item F-162b, Relocate Existing Fence to F-162b, Install 7-Foot Chain-Link Fence, and increases the quantity from 310 linear feet to 350 linear feet, and changes Bid Item L-125k Install Sponsor Furnished Electric Charging Station, Complete to L-125k Install Power Wiring for Sponsor Installed Equipment.

Division 5, Special Provision, Part C, Airport Requirements, Item 19, Grade Control and Surface Tolerances

Replace the paragraph with the following:

“The Contractor will be required to provide a survey crew during the work to assure compliance with Section 100 of the General Provisions and to provide the following at a minimum:

1. Provide all construction staking as required by Section 50 of the General Provisions and Plans.
2. Provide continuous straight edging records on a daily basis to the Engineer and under the direct observation/supervision of the Engineer as required. Submit results on forms provided by the Engineer. These will be accepted on a lot basis by the Engineer.
3. Provide daily grade tolerance surveys for completed courses of pavement to assure grade tolerances are being met. All survey data shall be provided in electronic ASCII format (or equivalent as approved by the engineer) and shall include Point Number, Northing, Easting, Elevation, and Description (PNEZD format). All point descriptions shall be coded in accordance with the naming convention specified in the contractor's "Point Description Key Code" as provided to the engineer prior to the beginning of construction.
4. Assist in other verification surveys during roto-milling operations, field design adjustments, and as-built survey work as required at the direction of the Engineer."

The updated Special Provisions will be included with the Issued for Construction documents.

Item P-154, Subbase Course

154-2.2d, Sampling and Testing

Add the following sentence after the second sentence:

"Sampling shall be per ASTM D75 and tested per ASTM C136 and ASTM C117."

154-3.3.1, Control Strip – Unstabilized Permeable Subbase Course

Change the fourth sentence of the second paragraph to read:

"The laboratory specimens shall be tested in accordance with ASTM D4253 or ASTM D4254."

The updated P-154 Subbase Course specification will be included with the Issued for Construction Documents.

Item P-401, Asphalt Mix Pavement, P-401-4.4.1, Material Transfer Vehicle (MTV)

Replace the paragraph with the following: **"Not Used."**

The updated P-401 specification will be included with the Issued for Construction documents.

Item P-403, Asphalt Mix Pavement Base Course, P-403-4.4.1, Material Transfer Vehicle (MTV)

Replace the paragraph with the following: **"Not Used."**

The updated P-403 specification will be included with the Issued for Construction documents.

Item P-501, Cement Concrete Pavement, P-501-6.5.a.2, Acceptance Sampling and Testing, Strength, Test Specimens

Replace the first sentence of the second paragraph with the following: **“The strength of each specimen will be determined in accordance with ASTM C78.”**

The updated P-501 specification will be included with the Issued for Construction documents.

Item F-162, Chain-Link Fence, Section 125-5.1 Basis of Payment

Replace the item F-162b, Relocate Existing Fence – per linear foot with the following

“Item F-162b Install 7-Foot Chain-Link Fence – per linear foot”

The updated F-162 specification will be included with the Issued for Construction documents

Item L-125 Installation of Airport Lighting Systems, Section 125-5.1 Basis of Payment

Replace the item L-125k Install Sponsor Furnished Electric Charging Station, Complete – per lump sum with the following

“Item L-125k Install Power Wiring for Sponsor Installed Equipment – per lump sum”

The updated L-125 specification will be included with the Issued for Construction documents.

2. PLANS

Sheet G002A, Index of Drawings and Summary of Approximate Quantities:

Make the following changes to the Summary of Approximate Quantities table:

Item F-162b: Change to **Install 7-Foot Chain-Link Fence** with a quantity of **350** linear feet.

Item L-125k: Change to **Install Power Wiring for Sponsor Installed Equipment** with a quantity of **2** lump sum.

The revised Sheet G002A will be included with the Issued for Construction plans.

Sheet C100, Demolition Plan:

Replace Sheet C100 with the attached C100, Demolition Plan.

Sheet C900, Fencing Plan:

Replace Sheet C900 with the attached C900, Fencing Plan.

Sheet E200, Electrical Geometry Plan:

Replace Sheet E200 with the attached E200, Electrical Geometry Plan.

3. QUESTIONS

I was wondering if we could get ahold of the CAD for both these Projects as well as any of the previous drone flight data?

Answer: The CAD files will not be provided and we do not have previous drone data.

Do you have a 3D model built for these projects already?

Answer: The hard copy plans on the St. George City website are to be used to bid the project and 3D model/electronic surfaces will not be provided.

Can you please confirm the opportunity to submit equivalent LED fixtures for this project?

If so, is there a pre-approval process to propose a competitive substitute?

Answer: Equivalent LED fixtures may be substituted for Item L-125i, Install New 60' Apron Flood Light Pole with LED Lumineers, Complete, and Item L-125j, Install LED Apron Light Fixtures (3 Total per Pole) on Existing Apron Flood Light Pole, provided they meet Buy American certifications, and they have the same performance as the specified fixture.

Which project will start first, AIP-044, South Apron and Taxiway Connector, or AIP-045, Reconstruct and Expand Terminal Apron?

Answer: We anticipate the AIP-044, South Apron and Taxiway Connector, will start first and possibly be complete when this project starts.

Are there other waste areas on site?

Answer: There are two waste areas as shown on the plans or the contractor has the option to haul the waste material off-site.

Is there enough material in the south borrow area?

Answer: See Suitable Material Table on Sheet G002B, Earthwork Volume Table, that shows there is sufficient material between the south and north borrow areas for the project.

Does the contractor have to provide an engineer field office?

Answer: Yes, see Division 4, Part I, General Contract Provisions (FAA), Section 60-05, Engineer/Resident Project Representative (RPR) Field Office, on page Division 4-25.

Is shoring required?

Answer: The contractor must meet OSHA requirements and it is up to their means and methods as to how he will comply.

What percentage of waste can go into the south waste area versus the north waste area?

Answer: Based on our calculations, approximately 5,000-10,000 cubic yards may be available in the south waste area. All other waste shall be taken to the north waste area.

What is the distance to the north waste area from the Terminal Apron?

Answer: Approximately 2 miles.

Is the pre-bid meeting mandatory?

Answer: No

Is badging required for all employees and truck drivers coming onto the construction site?

Answer: No, but those without badges must be with an escort. Where the project site is within the secure area, the escorts will need to pass a 15-year background check. Badging will take 2-3 days and a \$500 refundable deposit is required. The deposit will be refunded after the project is complete and the badges are given back to the airport.

What is a contact and number for a company to assist with the jet bridge removal/reinstallation?

Answer: One is Skycon, Ashley Woolstenhulme, phone number 801-319-2005. Other contractors may be used.

Is there a reason that the MTV (shuttle buggy) needs to be used?

Answer: Paragraph 401-4.4.1, Material Transfer Vehicle (MTV), and Paragraph 403.4.4.1, Material Transfer Vehicle (MTV), will be changed to say “Not Used”. See Item 1 above.

The pre-bid meeting agenda and sign-in sheet are included after the addendum.

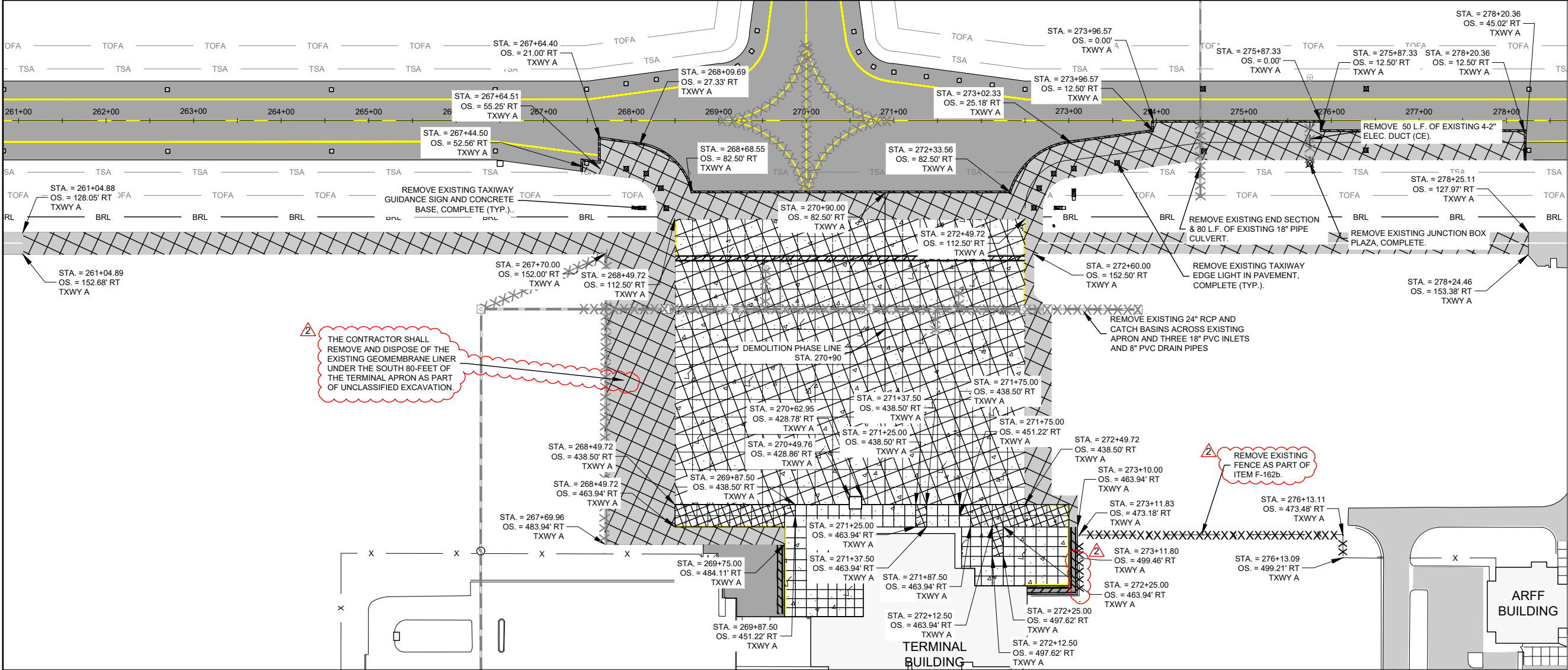
**** END OF ADDENDUM NO. 1 ****

SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization (10% Maximum)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Temporary Erosion Control	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Full Depth Asphalt Removal	at the unit price of: _____ dollars and _____ cents.	SY	1,800	\$	\$
P-101b	Partial Depth Asphalt Removal	at the unit price of: _____ dollars and _____ cents.	SY	1,200	\$	\$
P-101c	Full Depth Concrete Removal	at the unit price of: _____ dollars and _____ cents.	SY	15,100	\$	\$
P-101d	Pipe Removal	at the unit price of: _____ dollars and _____ cents.	LF	490	\$	\$
P-101e	Catch Basin Removal	at the unit price of: _____ dollars and _____ cents.	EA	6	\$	\$
P-152a	Unclassified Excavation	at the unit price of: _____ dollars and _____ cents.	CY	96,000	\$	\$
P-152b	Conditioned Clay Embankment	at the unit price of: _____ dollars and _____ cents.	CY	27,500	\$	\$
P-152c	On-site Suitable Embankment	at the unit price of: _____ dollars and _____ cents.	CY	49,900	\$	\$
P-154a	Unstabilized Permeable Subbase Course	at the unit price of: _____ dollars and _____ cents.	CY	3,300	\$	\$
P-154b	Class 2, Non-Woven Subsurface Drainage Geotextile	at the unit price of: _____ dollars and _____ cents.	SY	17,500	\$	\$
P-154c	Class 1, Non-Woven Separation Geotextile	at the unit price of: _____ dollars and _____ cents.	SY	36,000	\$	\$
P-154d	40 Mil LLDPE Geomembrane	at the unit price of: _____ dollars and _____ cents.	SY	18,000	\$	\$

SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
P-209a	Crushed Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	CY	3,200	\$	\$
P-401a	Asphalt Surface Course	at the unit price of: _____ dollars and _____ cents.	TON	700	\$	\$
P-403a	Asphalt Mixture Base Course	at the unit price of: _____ dollars and _____ cents.	TON	5,200	\$	\$
P-501a	Concrete Pavement, 15-Inch	at the unit price of: _____ dollars and _____ cents.	SY	14,250	\$	\$
P-501b	Concrete Pavement, 8-Inch	at the unit price of: _____ dollars and _____ cents.	SY	700	\$	\$
P-501b	Bond Breaker Fabric	at the unit price of: _____ dollars and _____ cents.	SY	14,300	\$	\$
P-603a	Emulsified Asphalt Tack Coat	at the unit price of: _____ dollars and _____ cents.	TON	9	\$	\$
P-620a	Temporary Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	12,100	\$	\$
P-620b	Permanent Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	12,100	\$	\$
P-620c	SIDA Area Markings	at the unit price of: _____ dollars and _____ cents.	SF	1,900	\$	\$
P-620d	Painted Surface Sign	at the unit price of: _____ dollars and _____ cents.	EA	12	\$	\$
P-620e	Pavement Marking Obliteration	at the unit price of: _____ dollars and _____ cents.	SF	500	\$	\$
D-701a	24-Inch HDPE Storm Drain Pipe, DR 32.5	at the unit price of: _____ dollars and _____ cents.	LF	390	\$	\$
D-701c	12-Inch HDPE Storm Drain Pipe, DR 32.5	at the unit price of: _____ dollars and _____ cents.	LF	530	\$	\$
D-701d	8-Inch HDPE Storm Drain Pipe, DR 32.5	at the unit price of: _____ dollars and _____ cents.	LF	40	\$	\$

SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
D-701e	6-Inch Outlet Pipe	at the unit price of: _____ _____dollars and _____cents.	LF	420	\$	\$
D-705a	6-Inch Underdrain	at the unit price of: _____ _____dollars and _____cents.	LF	1,200	\$	\$
D-751a	Underdrain Cleanout	at the unit price of: _____ _____dollars and _____cents.	EA	3	\$	\$
D-751b	Storm Drain Box, Airport Loading	at the unit price of: _____ _____dollars and _____cents.	EA	3	\$	\$
D-751c	2-Foot x 2-Foot Storm Drain Box, Highway Loading	at the unit price of: _____ _____dollars and _____cents.	EA	2	\$	\$
D-751e	Relocate Existng Storm Drain Box	at the unit price of: _____ _____dollars and _____cents.	EA	2	\$	\$
F-162a	Temporary Construction Fence	at the unit price of: _____ _____dollars and _____cents.	LF	360	\$	\$
F-162b	Install 7-Foot Chain-Link Fence	at the unit price of: _____ _____dollars and _____cents.	LF	350	\$	\$
L-125e	Install L-853 Surface Mounted Retroreflective Marker, Complete	at the unit price of: _____ _____dollars and _____cents.	EA	7	\$	\$
L-125j	Install LED Apron Light Fixtures (3 Total per Pole) on Existing Apron Flood Light Pole	at the unit price of: _____ _____dollars and _____cents.	EA	4	\$	\$
L-125k	Install Power Wiring for Sponsor Installed Equipment	at the unit price of: _____ _____dollars and _____cents.	LS	2	\$	\$
L-125l	Relocate/Re-install Stop/Informational Sign	at the unit price of: _____ _____dollars and _____cents.	EA	2	\$	\$

SCHEDULE I TOTAL \$ _____



KEY MAP

DEMOLITION LEGEND

FULL DEPTH ASPHALT REMOVAL
(3-4" DEPTH)

PARTIAL DEPTH ASPHALT REMOVAL
(2" DEPTH) 2' WIDE TYPICAL.

FULL DEPTH CONCRETE REMOVAL
(16" DEPTH)

FULL DEPTH CONCRETE REMOVAL
(8" DEPTH)

XXXXXXXXXX

REMOVE ITEM

XXXXXXXXXX

FENCE REMOVE

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL WASTE MATERIALS GENERATED FROM THE PROJECT. ALL COSTS ARE INCIDENTAL TO RESPECTIVE REMOVAL BID ITEM.
2. CONTRACTOR TO REMOVE ALL EXISTING SIGNS AND FOUNDATIONS LOCATED WITHIN PROJECT LIMITS. ALL COSTS TO REMOVE SIGNS AND ALL ANCILLARY FEATURES (WIRING, FOUNDATIONS, CONDUIT, ETC..) SHALL BE INCIDENTAL TO THE RESPECTIVE SIGN REMOVAL BID ITEM.
3. AT THE RPR'S DIRECTION, ANY MATERIAL DESIRED BY THE AIRPORT TO SALVAGE SHALL BE NEATLY STACKED ON PALLETS, SECURED, AND STORED IN A LOCATION DETERMINED BY THE AIRPORT. ALL COSTS TO SALVAGE AND STORE MATERIALS SHALL BE INCIDENTAL TO THE RESPECTIVE DEMOLITION BID ITEM.
4. ALL DEMOLITION ITEMS THAT DO NOT HAVE A SPECIFIC BID ITEM ARE INCIDENTAL TO SECTION P-101.
5. UNCLASSIFIED EXCAVATION SHALL EXTEND 1' BEYOND THE PAVEMENT LIMITS AND TO THE BENCHING REQUIREMENTS SHOWN ON THE TYPICAL SECTION SHEETS.
6. DEMOLITION OF EXISTING PAVEMENTS SHALL BE PERFORMED WITHIN THE PHASING REQUIREMENTS AS DEPICTED IN THE CONSTRUCTION SAFETY DRAWINGS.
7. EXISTING SEALANT DAMAGED DURING OBLITERATION OF EXISTING MARKINGS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR.
8. ALL REMOVAL NORTHINGS AND EASTINGS ARE APPROXIMATE.
9. REMOVE AND REINSTALL JET BRIDGE AS PART OF RELATED PHASE 2 WORK ITEMS. (JET BRIDGE WILL REMAIN IN OPERATION DURING THE PHASE 1 WORK)

CONCRETE REMOVAL

1. DOUBLE SAW CUT ALL CONCRETE TO PROTECT REMAINING PANELS. ANY DAMAGE TO ADJACENT PANELS SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE.
2. FULL DEPTH CONCRETE REMOVAL INCLUDES THE REMOVAL OF CONCRETE PAVEMENT.
3. FULL DEPTH PAVEMENT REMOVAL PAID FOR BY THE SQUARE YARD REGARDLESS OF DEPTH. DEPTH VARIES FROM 8" TO 16".
4. PAVEMENT REMOVAL SHALL BE MEASURED AND PAID TO NEAT LINE DIMENSIONING.
5. THE CONTRACTOR MAY DISPOSE OF THE CONCRETE BY: 1) HAULING OFF SITE; 2) HAULING TO THE ST. GEORGE CITY RE-USE CENTER (NO LIMIT ON SIZE OF BROKEN-UP CONCRETE); OR 3) CRUSHING ON SITE TO 3-INCH MINUS MATERIAL TO RE-USE IN THE SUITABLE FILL EMBANKMENT. IF THE CONCRETE IS HAULED TO THE RE-USE CENTER OR RE-USED ON SITE, ALL STEEL MUST BE REMOVED.

ASPHALT REMOVAL

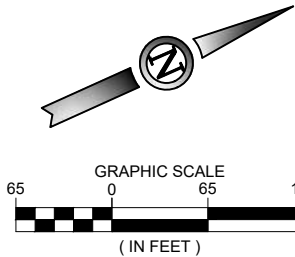
1. CONTRACTOR TO SAW CUT ALONG THEORETICAL TAXIWAY EDGE TO PRODUCE A CLEAN FACE FOR SHOULDER PAVING. SEE GEOMETRY SHEETS C200 & C201 FOR THEORETICAL EDGES OF TAXIWAYS.
2. ALL PAVEMENT TO BE SAW CUT PRIOR TO FULL DEPTH REMOVAL.
3. PAVEMENT REMOVAL SHALL BE MEASURED AND PAID TO NEAT LINE DIMENSIONING.
4. THE CONTRACTOR SHALL SUBMIT A PROCEDURE FOR REMOVING EXISTING PAVEMENT AT THE CORNERS OF THE PARTIAL REMOVAL AREA TO THE ENGINEER NO LATER THAN SEVEN (7) DAYS PRIOR TO THE START OF ROTOMILLING OPERATIONS.
5. FULL DEPTH ASPHALT PAVEMENT REMOVAL INCLUDES THE REMOVAL OF ASPHALT PAVEMENT.
6. FULL DEPTH PAVEMENT REMOVAL PAID FOR BY THE SQUARE YARD REGARDLESS OF DEPTH. DEPTH VARIES FROM 3" TO 4".
7. CONTRACTOR MAY ELECT TO MILL ALTERNATE BUTT JOINT WIDTH TO ACCOMMODATE PAVING EQUIPMENT. ADDITIONAL MILLING AREA AND ASPHALT MATERIAL WILL NOT BE DIRECTLY PAID FOR, BUT WILL BE INCIDENTAL TO THE CONSTRUCTION OF THE BUTT JOINT.

PROTECTION OF EXISTING UTILITIES / STRUCTURES / PAVEMENTS

1. ANY PAVEMENT DAMAGED DURING REMOVAL OUTSIDE THE PROPOSED REMOVAL LIMITS SHALL BE SQUARED OFF, BY SAW CUTTING, TO THE SATISFACTION OF THE RPR. ALL COSTS ASSOCIATED WITH THE ADDITIONAL REMOVAL AND RECONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. CONTRACTOR SHALL PROTECT ALL AIRFIELD ELECTRICAL AND LIGHT SYSTEMS AND ANY OTHER UTILITY DURING CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT ALL UNDERGROUND UTILITIES AT ALL TIMES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.
4. ANY DAMAGE TO EXISTING PAINT SHALL BE REPAIRED BY CONTRACTOR AT NO EXPENSE TO THE SPONSOR. RESTORED PAINT SHALL BE TO THE SATISFACTION OF THE ENGINEER AND SHALL INCLUDE GLASS BEADS AS REQUIRED.
5. THE CONTRACTOR SHALL PROTECT THE JET BRIDGE DURING CONSTRUCTION. ANY DAMAGE TO THE JET BRIDGE SHALL BE REPAIRED AT NO COST TO THE SPONSOR. THE CONTRACTOR SHALL REMOVE AND RE-INSTALL THE JET BRIDGE DURING PHASE 2 WORK. SEE CONSTRUCTION PHASING NOTE 6 ON SHEET G053 FOR DETAILS.

PROJECT SPECIFIC DEMOLITION NOTES

1. THE CONTRACTOR SHALL REMOVE ALL TAXIWAY EDGE LIGHTS IN THE WORK AREA. THE BASE CANS, ISOLATION TRANSFORMERS, AND BASE PLATES SHALL BE LEFT IN PLACE. THE CONTRACTOR SHALL USE TAPE OR OTHER APPROVED MEANS TO PREVENT DIRT FROM ENTERING THE BASE CANS THROUGH THE HOLE IN EACH BASE PLATE. WHEN LIGHTS ARE REMOVED, THE CONTRACTOR SHALL INSTALL A SHORTING PLUG ON THE SECONDARY OF EACH L-830 ISOLATION TRANSFORMER.
2. ALL COMPONENTS OF THE AIRFIELD LIGHTING SYSTEM OUTSIDE OF THE PROJECT AREA AND CLOSED PORTIONS OF THE AIRFIELD SHALL BE OPERATIONAL AT THE END OF EACH WORK SHIFT AND FOR EVERY PERIOD OF LOW VISIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY JUMPER AND OTHER EQUIPMENT NECESSARY TO MAINTAIN AN OPERATIONAL SYSTEM DURING CONSTRUCTION. TEMPORARY JUMPERS SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS BID ITEMS. ALL TEMPORARY JUMPERS SHALL BE INSTALLED IN CONDUIT.
3. PRIOR TO BEGINNING ELECTRICAL DEMOLITION, THE CONTRACTOR SHALL PROVIDE A PLAN TO THE RPR DETAILING THE INSTALLATION OF ALL REQUIRED TEMPORARY JUMPERS. THE PLAN SHALL SHOW THE LOCATIONS AND INSTALLATION TECHNIQUES OF ALL JUMPERS AND SHALL DEMONSTRATE TO THE RPR THE CONTRACTOR'S PLAN TO MAINTAIN THE INTEGRITY OF THE AIRFIELD CIRCUITS FOR THE DURATION OF CONSTRUCTION.
4. THE CONTRACTOR SHALL REMOVE ALL WIRES AND CABLES FROM CONDUITS WHICH ARE TO BE ABANDONED. NO ADDITIONAL PAYMENT WILL BE MADE FOR REMOVAL OF WIRES AND CABLES.
5. THE CONTRACTOR SHALL SALVAGE CATCH BASINS, PIPE AND ENDSECTIONS TO THE AIRPORT. IF DAMAGED DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL DISPOSE OFF SITE AS PART OF THE REMOVAL ITEMS.



ISSUED FOR BID

THESE DRAWINGS ARE FOR BIDDING PURPOSES ONLY. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

KIRT J MCDANIELPE-18149103/02/2023

NAMEREG. NO.DATE

FOR AND ON BEHALF OF JVIATION , INC.

JVIATION®
A WOOLPERT COMPANY



ST. GEORGE
UTAH

DES: L.O.B.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: L.O.B.	1	K.J.M.	03/02/2023	ISSUED FOR BID
	2	K.J.M.	3/28/2023	ADDENDUM #1
CH: C.L.G.				
APP: K.J.M.				

RECONSTRUCT AND EXPAND
TERMINAL APRON

DEMOLITION PLAN

AIP PROJ. NO.
3-49-0060-045-2023

JVIATION PROJ. NO.
2021.SGU.01

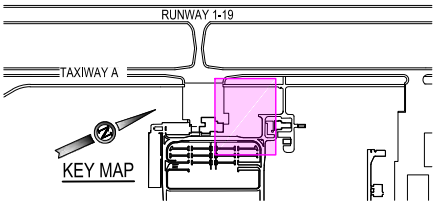
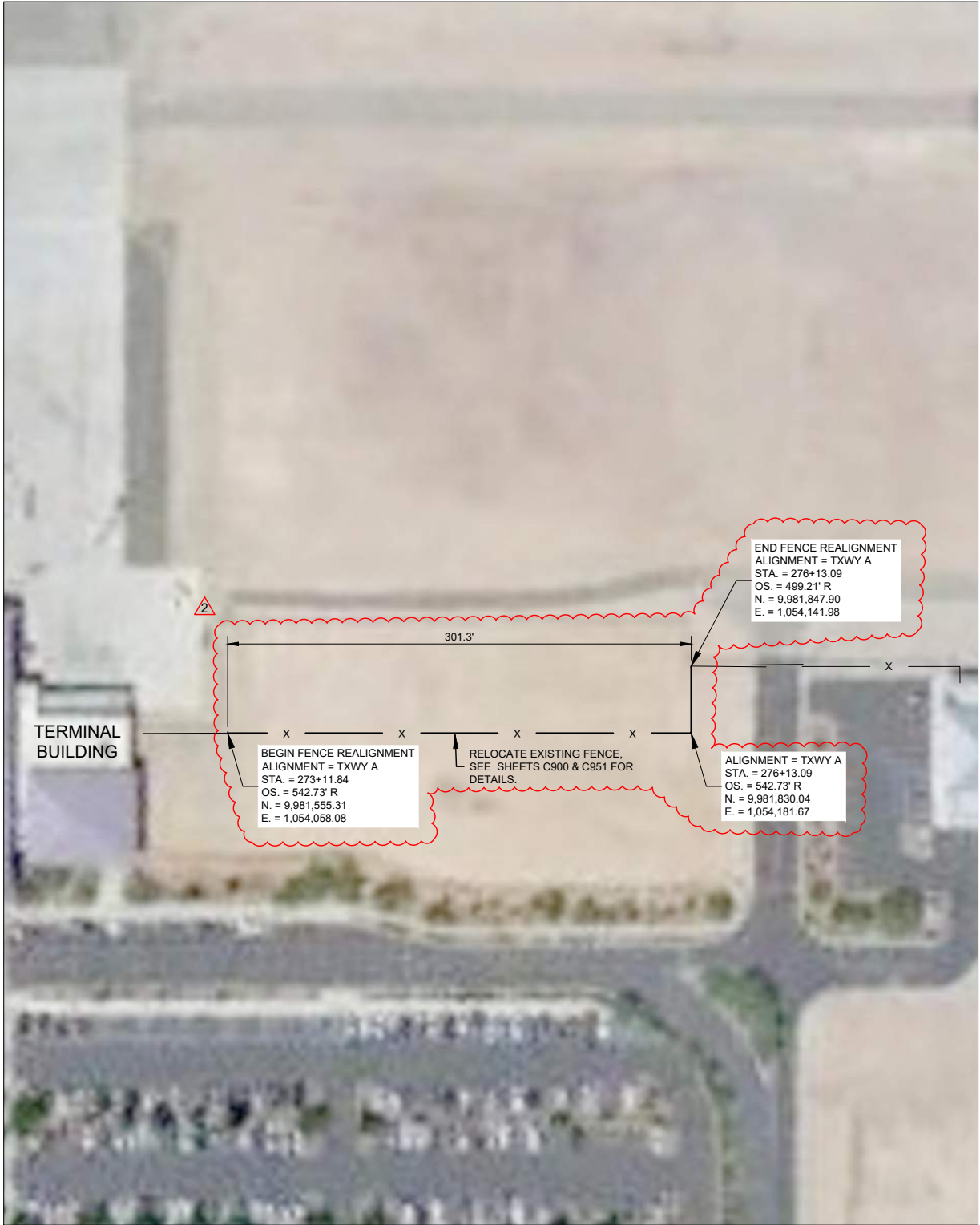
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C100

SHEET NO.

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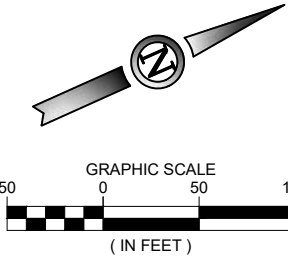
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LEGEND	
	PROPOSED CHAIN LINK FENCE
	EXISTING AOA CHAIN LINK FENCE
	PROPOSED DOUBLE SWING GATE

NOTES:

- TEMPORARY SECURITY FENCING TO BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR. TEMPORARY FENCING MATERIAL AND METHODS TO BE APPROVED BY THE RPR PRIOR TO CONSTRUCTION.
- CONTRACTOR TO USE SURVEY CONTROL POINTS AS SHOWN ON SHEET G005 SURVEY CONTROL PLAN.
- ALL LINE AND CURVE CALLOUTS ARE AT ACTUAL FENCE LOCATIONS UNLESS OTHERWISE NOTED.
- SEE SHEETS G050 THRU G055 FOR CONSTRUCTION PHASING.
- ANY PAVEMENT DAMAGE DURING CONSTRUCTION OUTSIDE THE PROPOSED PROJECT LIMITS SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH RECONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES WITHIN THE DISTURBANCE LIMITS.
- SEE SHEETS C950 AND C951 FOR FENCE DETAILS.
- SEE SHEET C100 FOR FENCE REMOVAL REQUIREMENTS.



ISSUED FOR BID		
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KIRT J MCDANIEL	PE-181491	03/02/2023
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION , INC.		

JVIATION[®]
A WOOLPERT COMPANY



ST. GEORGE
UTAH

DES: M.C.G.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: L.O.B.	1	K.J.M.	03/02/2023	ISSUED FOR BID
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APP: K.J.M.				

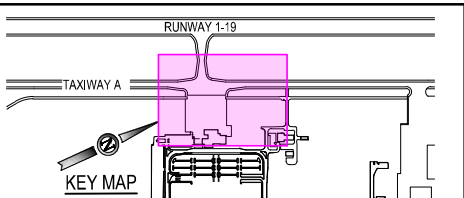
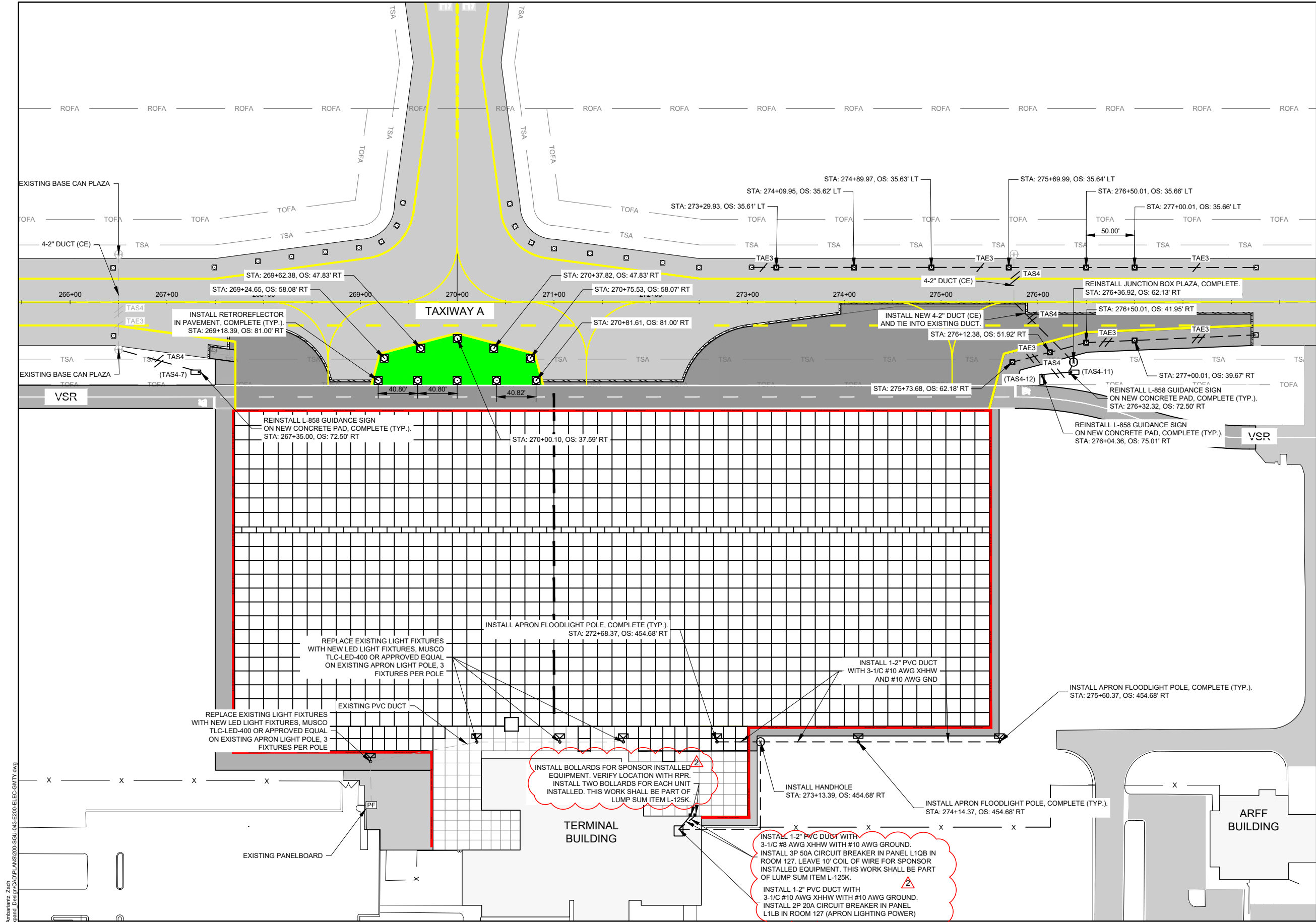
RECONSTRUCT AND EXPAND
TERMINAL APRON

FENCING PLAN

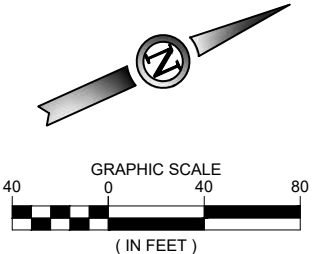
AIP PROJ. NO.
3-49-0060-045-2023

JVIATION PROJ. NO.
2021.SGU.01

SHEET NAME
C900
SHEET NO.
63 of 70



- NOTES:**
1. SEE SHEET E001 FOR ELECTRICAL LEGEND AND ELECTRICAL NOTES.
 2. SEE SHEETS C100 FOR ELECTRICAL DEMOLITION SHEETS.
 3. SEE SHEETS E200 FOR ELECTRICAL LAYOUT PLAN SHEETS.
 4. SEE SHEETS E250 FOR ELECTRICAL DETAILS.



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FOR AND ON BEHALF OF JVIATION , INC.		

A WOOLPERT COMPANY

ST. GEORGE UTAH

ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	K.J.M.	03/02/2023	ISSUED FOR BID	
2	K.J.M.	3/28/2023	ADDENDUM #1	

RECONSTRUCT AND EXPAND
TERMINAL APRON

ELECTRICAL GEOMETRY PLAN

AIP PROJ. NO.
3-49-0060-045-2023

JVIATION PROJ. NO.
2021.SGU.01

SHEET NAME
E200

SHEET NO.
67 of 70

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**Pre-Bid Conference
Meeting Agenda
St. George Regional Airport
AIP #3-49-0060-045-2023
Reconstruct and Expand Terminal Apron
Thursday, March 23, 2023; 10:00 a.m.**

Attendees: See Sign-In Sheet

Agenda:

1. RECORDING OF ATTENDEES

- A. Recording of attendees, firm represented, phone number and email address.
- B. Attendance & plan holder's list will be sent to all attendees.

2. PROJECT DESCRIPTION & INTRODUCTIONS

- A. Project Scope of Work.
 - I. Schedule I (Federal) – Reconstruct Terminal Apron: excavation, conditioned clay embankment, on-site suitable embankment, geomembrane, permeable subbase course (P-154), crushed aggregate base course (P-209), asphalt mixture base course (P-403), asphalt surface course (P-401), storm drain, catch basins, end sections, underdrain, cleanout, electrical cable and conduit, apron lights, fencing and temporary and permanent painting.
 - II. Schedule II (Federal) – Expand Terminal Apron - North: excavation, conditioned clay embankment, on-site suitable embankment, geomembrane, permeable subbase course (P-154), crushed aggregate base course (P-209), asphalt mixture base course (P-403), asphalt surface course (P-401), storm drain, catch basins, end sections, rip rap, underdrain, cleanout, electrical cable and conduit, apron lights, and temporary and permanent painting.
 - III. Schedule III (Federal) – Expand Terminal Apron - South: excavation, conditioned clay embankment, on-site suitable embankment, geomembrane, permeable subbase course (P-154), crushed aggregate base course (P-209), asphalt mixture base course (P-403), asphalt surface course (P-401), storm drain, catch basins, underdrain, cleanout, electrical cable and conduit, apron lights, and temporary and permanent painting.
 - IV. Schedule IV (Non-Federal) – Expand Terminal Apron: excavation, conditioned clay embankment, on-site suitable embankment, geomembrane, permeable subbase course (P-154), crushed aggregate base course (P-209), asphalt mixture base course (P-403), asphalt surface course (P-401), storm drain, and catch basins.
- B. Airport Sponsor – St. George Regional Airport
 - I. Rich Stehmeier, Airport Manager
- C. Airport Engineer - Jviation, a Woolpert Company
 - I. Kirt McDaniel, Project Manager
 - II. Robert Hall, Construction Manager
- D. Work Items. See plan Sheet G002 for bid items and approximate quantities.

3. BID OPENING DATE & TIME

- A. Date: Wednesday, April 12, 2023, 2:00 pm (Local Time)
- B. Mailed to: St. George City, Purchasing Department
Mary Wahl, Purchasing Manager
175 East 200 North
St. George, Utah 84770
- C. Opened at: St. George City Council Chambers
175 East 200 North
St. George, Utah 84770
- D. Bid security: 5% of bid – Contract Documents Including Bonds, Item 1, page Division 1-8.
- E. Bid proposal: Division 2 (complete and submit all Division 2 pages).

4. DBE GOAL

- A. Goal is 1.98% of Contract Amount, to be obtained through Race/Gender-Neutral means. Those firms currently certified as DBEs by the Utah Department of Transportation are eligible to participate as DBEs on this contract. A list of these firms can be obtained from the State, Jviation, or the Sponsor.

5. QUALIFICATION OF BIDDERS

- A. Qualifications shall be furnished per Bidder's General Information, page Division 2-23. Each bidder shall furnish the Owner satisfactory evidence of his or her competency and financial responsibility to perform the proposed work.

6. CRITICAL CONTRACT DATES

- A. Notice of Award: Within 120 calendar days.
- B. Notice to Proceed: To be determined.
 - I. Project Time: Refer to Section 80-08, page Division 4-37 for more information. Total Project time is 113 Working Days.

7. BONDING

- A. Payment Bond: 100% of Bid Amount, see Contract Documents Including Bonds, Item 3, page Division 1-8.
- B. Performance Bond: 100% of Bid Amount, see Contract Documents Including Bonds, Item 3, page Division 1-8.

8. INSURANCE REQUIREMENTS

- A. Refer to Special Provisions Part D, page 19, Paragraph 21.

9. FEDERAL WAGE RATES (DAVIS BACON ACT)

- A. Federal wage rates are required for this project. Refer to Division 7.

10. CONSTRUCTION SAFETY AND PHASING PLAN (CSPP)

- A. Construction Safety and Phasing Plan (CSPP) – Refer to Division 6.
B. The Contractor shall review and adhere to the CSPP prepared by the Engineer.
C. The Contractor shall submit a Safety Plan Compliance Document (SPCD) (Refer to Item 14, page Division 1-10, and Division 6) to the engineer and airport manager for approval PRIOR to the issuance of Notice to Proceed as required by FAA Advisory Circular (AC) 150/5370-2G “Operational Safety on Airports During Construction”.

11. ENVIRONMENTAL REQUIREMENTS

- A. Refer to Plan Sheet G070, Environmental Exhibit. Contractor to stay within the staging, stockpile, and waste areas designated on the Exhibit.
B. All changes to haul routes, staging areas, material storage areas, waste areas, and limits of disturbance will require approval by FAA Environmental Specialist. See Sheet G070, Note 3.

12. LIQUIDATED DAMAGES

- A. Refer to Item 17, page Division 5-40.
B. As compensation for non-use, the Contractor shall be assessed a liquidated damage of \$2,000/Working Day for each day that the work remains uncompleted beyond the contract period.
C. As compensation for expenses incurred for unscheduled employment of the Engineer, up to \$1,730/Working Day for the construction manager plus up to \$1,390/Working Day for each additional resident engineer plus any incurred expenses (per diem, lodging, etc.) will be charged to the Contractor for that time which exceeds the number of Working Days allowed in this paragraph.

13. ADDENDUM UPDATE

An addendum will be issued to cover the following:

- Change the bid hold to 120 days.
- Change Bid Item F-162b, Relocate Existing Fence, to F-162b, 7-Foot Chain Link Fence on Bid Schedule I and change the quantity to 350 linear feet.
- Revisions to the Special Provisions, Part C, Airport Requirements, Item 19, Grade Control and Surface Tolerances.
- Revisions to Item P-154 to clarify testing requirements.

- Replace Sheet C100, Demolition Plan, to: 1) indicate there is an existing geomembrane liner under the south 80 feet of the Terminal Apron to be removed and disposed of as part of the excavation, 2) revise fence removal location, and 3) add note instructing temporary removal and re-installation of the jet bridge as part of the Phase 2 work.
- Replace Sheet C100, Fencing Plan, to change the location of the fence.
- Lighting control clarifications for the Apron Area Lights.

14. MISCELLANEOUS

- A. Review Construction Safety Phasing Plan, Sheet G050 – note the access gates, haul routes, staging, stockpile, and waste areas.
- B. Radios for the project to be provided by Contractor. See Item 3, page Division 5-36.
- C. Project is not exempt from State Sales & Use Tax. See Item 12, page Division 5-38.
- D. Quality Assurance testing will be completed by AGEC-Applied Geotechnical under the direction of the Engineer.
- E. Quality Control testing by Contractor. See Item C-100, page Division 4-49, and Item 5, page Division 5-36.
- F. Survey requirements. Refer to Section 50-07, page Division 4-20 and Item 19, page Division 5-41.
- G. Questions will only be taken via written format to Jviation (kirt.mcdaniel@woolpert.com) until Monday, March 27, 2023, 10:00 am (MST) to allow time for a final addendum to be issued by the end of the day if required.
- H. The Phase 2 temporary removal and reinstallation of the jet bridge will be included as part of the costs of related work bid item. St. George Airport staff can provide contact information for reliable jet bridge removal/reinstall company.

15. QUESTIONS / ANSWERS: The following questions have been asked by contractors with the answer below.

I was wondering if we could get ahold of the CAD for both these Projects as well as any of the previous drone flight data?

Answer: The CAD files will not be provided and we do not have previous drone data.

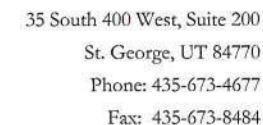
Do you have a 3D model built for these projects already?

Answer: The hard copy plans on the St. George City website are to be used to bid the project and 3D model/electronic surfaces will not be provided.

*Can you please confirm the opportunity to submit equivalent LED fixtures for this project?
If so, is there a pre-approval process to propose a competitive substitute?*

Answer: Equivalent LED fixtures may be substituted for Item L-125i, Install New 60' Apron Flood Light Pole with LED Lumineers, Complete, and Item L-125j, Install LED Apron Light Fixtures (3 Total per Pole) on Existing Apron Flood Light Pole, provided they meet Buy American certifications, and they have the same performance as the specified fixture.

16. PROJECT SITE TOUR



Pre-Bid Conference Sign In

Project Name: Reconstruct and Expand
Terminal Apron
Schedule I (Federal): Reconstruct Terminal Apron
Schedule II (Federal): Expand Terminal Apron-North
Schedule III (Federal): Expand Terminal Apron-South
Schedule IV (Non-Federal): Reconstruct Terminal Apron
Project #: 3-49-0060-045-2023

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A WOOLPERT COMPANY

35 South 400 West, Suite 200

St. George, UT 84770

Phone: 435-673-4677

Fax: 435-673-8484

St. George Regional Airport

Pre-Bid Conference Sign In

Date: Thursday, March 23, 2023

Location: 4550 South Airport Parkway
St. George Regional Airport
Terminal Building Conference Room

Time: 10:00 a.m.

Project Name: Reconstruct and Expand
Terminal Apron

Schedule I (Federal): Reconstruct Terminal Apron

Schedule II (Federal): Expand Terminal Apron-North

Schedule III (Federal): Expand Terminal Apron-South

Schedule IV (Non-Federal): Reconstruct Terminal Apron

Project #: 3-49-0060-045-2023

Name

Company

Telephone No.

E-mail

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