

CONTRACT CHANGE ORDER NO. 1

AIRPORT Augusta Regional Airport

Date March 30, 2023

LOCATION Augusta, GA

AIP No. 3-13-0011-054-2022

PROJECT Construct Hangar N1 Apron &
Taxilane – 0119700-202061.03

CONTRACTOR Independence
Excavating Inc.

You are requested to perform the following described work upon receipt of an approved copy of this document or as directed by the engineer.

Item No.	Bid Alternate	Description	Unit	Unit Price	Quantity	Amount
Quantity Adjustment Items – Base Bid						
C-102.1a	Base	Installation and Removal of Silt Fence or Silt Sock	LF	\$6.00	-574	(\$3,444.00)
C-102.1b	Base	Installation and Removal of Check Dam Hay Bale	EA	\$115.00	-24	(\$2,760.00)
P-101.2	Base	Asphalt Concrete Pavement Removal, Perimeter Road Full Depth, Off Site	SY	\$25.00	1,221	\$30,525.00
P-152.2	Base	Subgrade Preparation	SY	\$3.00	-274	(\$822.00)
P-154.1	Base	Aggregate Base Course	CY	\$60.00	-301	(\$18,060.00)
P-304.1	Base	Cement Treated Base Course (8" Depth)	SY	\$45.00	-721	(\$32,445.00)
D-701.1	Base	14" X 23" Elliptical RCP Class IV Pipe	LF	\$400.00	1	\$400.00
L-108.1	Base	#8 AWG, 5kV Power Cable	LF	\$3.00	40	\$120.00
L-108.2	Base	Counterpoise Wire w/ Grounding Rods	LF	\$3.00	20	\$60.00
L-110.1	Base	2-Way, 2-inch PVC, Concrete Encased Type II Electrical Duct Bank	LF	\$65.00	-28	(\$1,820.00)
L-110.2	Base	Electrical Conduit, 1W-2" PVC, Type II, Non-encased, Installed in Soil	LF	\$6.00	20	\$120.00
Extra Work – Base Bid						
L-125.4	CO 1	Taxiway Guidance Sign, 4 Module, Size 2, Style 3, Mode 2	EA	\$10,450	1	\$10,450.00
L-125.6	CO 1	Salvage (E) Guidance Sign and Remove PCC Foundation	EA	\$1,450.00	1	\$1,450.00
L-125.7	CO 1	Install Salvaged Guidance Sign on New PCC Foundation	EA	\$3,000.00	1	\$3,000.00
This Change Order Total						(\$13,226.00)
This Change Order Calendar Day Additions (Deletions)						0
Previous Change Order(s) Total						\$0.00
Previous Change Order(s) Calendar Day Additions (Deletions)						0
Original Contract Total						\$4,892,410.00
Original Contract Calendar Day Count Total						180
Revised Contract Total						\$4,879,184.00
Revised Contract Calendar Day Count Total						180

The time provided for completion in the contract is unchanged (~~decreased~~) (~~increased~~) by **0 calendar days**. This document shall become the First Amendment to the contract and all provisions of the contract will apply.

Recommended by: _____
Edwin J Scott, Jr., PE, Engineer (Mead & Hunt, Inc.)

Date

Approved by: _____

Dan Troutman, Chairman (Augusta Aviation Commission) **Date**

Accepted by: _____

Contractor (Independence Excavating Inc.) **Date**

AIP NO. 3-13-0011-054-2022 **CHANGE ORDER NO.** 1

AIRPORT	<u>Augusta Regional Airport (AGS)</u>	LOCATION	<u>Augusta, GA</u>
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JUSTIFICATION FOR CHANGE

1. Brief description of the proposed contract Amendment and location(s).

Quantity Adjustments:

There are items included in the original bid that need to be adjusted in order to cover the quantities and revised unit cost shown on the construction plans to complete the approved project scope. These items include:

- **C-102.1a Installation and Removal of Silt Fence or Silt Sock – Base Bid:**
 - As-constructed quantity
- **C-102.1b Installation and Removal of Check Dam Hay Bale – Base Bid:**
 - As-constructed quantity
- **P-101.2 Asphalt Concrete Pavement Removal, Perimeter Road Full Depth, Off Site – Base Bid:**
 - As-constructed quantity, Additional removal required within project limits.
- **P-152.2 Subgrade Preparation – Base Bid:**
 - As-constructed quantity
- **P-154.1 Aggregate Base Course – Base Bid:**
 - As-constructed quantity
- **P-304.1 Cement-Treated Base Course (8" Depth) – Base Bid:**
 - As-constructed quantity
- **D-701.1 14" X 23" Elliptical RCP Class IV Pipe – Base Bid:**
 - As-constructed quantity
- **L-108.1 #8 AWG, 5kV Power Cable – Base Bid:** Additional #8 power cable required to install additional taxiway guidance signs.
- **L-108.2 Counterpoise Wire w/ Grounding Rods – Base Bid:** Additional counterpoise required to install additional taxiway guidance signs.
- **L-110.1 2-Way, 2-inch PVC, Concrete Encased Type II Electrical Duct Bank – Base Bid:**
 - As-constructed quantity
- **L-110.2 Electrical Conduit, 1W-2" PVC, Type II Electrical Duct Bank – Base Bid:** Additional conduit required to install additional taxiway guidance signs.

Extra Work/New Bid Item:

There are several items that were erroneously not included in the original bid or extra items not included in the original bid that will be necessary to complete the approved project scope. These items include:

- **L-125.4 Taxiway Guidance Sign, 4 Module, Size 2, Style 3, Mode 2:** New Taxiway Guidance/Destination sign to be installed at the intersection of new taxiway and Taxiway A directing traffic onto the new apron. This additional sign was requested by the FAA.
- **L-125.6 Salvage (E) Guidance Sign and Remove PCC Foundation:** The existing taxiway guidance sign cannot be reinstalled in the existing location and must be relocated. The existing PCC foundation must be removed.
- **L-125.7 Install Salvaged Guidance Sign on New PCC Foundation:** The existing taxiway guidance sign cannot be reinstalled in the existing location and must be relocated. This line item includes the relocating of the existing sign, new PCC foundation and reconnecting the sign to the Taxiway A circuit.

New Construction Specifications:

N/A

Revised Construction Specifications

N/A

2. Reason(s) for the change(s) *(Continue on reverse if necessary)*

C-102.1a Installation and Removal of Silt Fence or Silt Sock – The reduction of quantity in the base bid associated with the installation and removal of Silt fence is a result of the as performed quantities per the scope of work.

C-102.1b Installation and Removal of Check Dam Hay Bale – The reduction of quantity in the base bid associated with the installation and removal of check dams is a result of the as performed quantities per the scope of work.

P-101.2 Asphalt Concrete Pavement Removal, Perimeter Road Full Depth, Off Site – The increase of quantity in the base bid associated with the removal of the existing Perimeter Service Road is a result of the as performed quantities per the scope of work.

P-152.2 Subgrade Preparation – The reduction of quantity in the base bid associated with subgrade preparation is a result of the as performed quantities per the scope of work.

P-154.1 Aggregate Base Course – The reduction of quantity in the base bid associated with the aggregate base course is a result of the as performed quantities per the scope of work.

P-304.1 Cement-Treated Base Course (8" Depth) – The reduction of quantity in the base bid associated with the cement-treated base course is a result of the as performed quantities per the scope of work.

D-701.1 14" X 23" Elliptical RCP Class IV Pipe – The increase of quantity in the base bid associated with the construction of the 14" X 23" Elliptical pipe is a result of the as performed quantities per the scope of work.

L-108.1 #8 AWG, 5kV Power Cable – The increase of quantity in the base bid associated with the 5kV Power cable is due to the work associated with the relocation of the existing Taxiway Guidance sign and installation of a new Taxiway Guidance/Destination sign at the intersection of Taxiway A and the new taxilane. The existing taxiway guidance sign cannot be reinstalled at the existing location and must be relocated. Per direction from FAA cert inspectors, an additional sign is necessary to direct traffic along and onto the new concrete apron.

L-108.2 Counterpoise Wire w/ Grounding Rods – The increase of quantity in the base bid associated with the counterpoise is due to the work associated with the relocation of the existing Taxiway Guidance sign and installation of a new Taxiway Guidance/Destination sign at the intersection of Taxiway A and the new taxilane. The existing taxiway guidance sign cannot be reinstalled at the existing location and must be relocated. Per direction from FAA cert inspectors, an additional sign is necessary to direct traffic along and onto the new concrete apron.

L-110.1 2-Way, 2-inch PVC, Concrete Encased Type II Electrical Duct Bank - The reduction of quantity in the base bid associated with the 2-way concrete encased duct bank is a result of the as performed quantities per the scope of work.

L-110.2 Electrical Conduit, 1W-2" PVC, Type II Electrical Duct Bank - The increase of quantity in the base bid associated with the electrical conduit is due to the work associated with the relocation of the existing Taxiway Guidance sign and installation of a new Taxiway Guidance/Destination sign at the intersection of Taxiway A and the new taxilane. The existing taxiway guidance sign cannot be reinstalled at the existing location and must be relocated. Per direction from FAA cert inspectors, an additional sign is necessary to direct traffic along and onto the new concrete apron.

L-125.4 Taxiway Guidance Sign, 4 Module, Size 2, Style 3, Mode 2 – The addition of a new Taxiway Guidance Sign line item and quantity is due to the work associated with the relocation of the existing Taxiway Guidance sign and installation of a new Taxiway Guidance/Destination sign at the intersection of Taxiway A and the new taxilane. Per direction from FAA cert inspectors, an additional sign is necessary to direct traffic along and onto the new concrete apron. This new line item includes the manufacturing, mobilization, installation, and connection of the new APRON guidance sign. Due to long lead times and remobilization required by the contractor, the line item did increase in unit price compared to the as-bid amount.

L-125.6 Salvage (E) Guidance Sign and Remove PCC Foundation - The addition of a new Salvage existing Guidance sign and removal of the existing PCC foundation line item and quantity is due to the work associated with the relocation of the existing Taxiway Guidance sign and installation of a new Taxiway Guidance/Destination sign at the intersection of Taxiway A and the new taxilane. The existing taxiway guidance sign cannot be reinstalled at the existing location and must be relocated. This new line item includes the salvaging of the existing sign, the removal of the existing foundation, and the removal of the existing cable and conduit from this pad.

L-125.7 Install Salvaged Guidance Sign on New PCC Foundation - The addition of the installation of a salvaged guidance sign and construction of new PCC foundation line item and quantity is due to the work associated with the relocation of the existing Taxiway Guidance sign and installation of a new Taxiway Guidance/Destination sign at the intersection of Taxiway A and the new taxilane. The existing taxiway guidance sign cannot be reinstalled at the existing location and must be relocated. This new line item includes the installation of the salvaged existing sign, the construction of a new PCC foundation, and the connection of the cable and conduit to the sign foundation and base can.

3. The Sponsor's share of this cost is available from:

NA

4. If this is a supplemental agreement involving more than \$2,000, is the cost estimate based on the latest wage rate decision? Yes ☐ No ☐ Not Applicable ☒

5. Has consent of surety been obtained? Yes ☐ Not Necessary ☒

6. Will this change affect the insurance coverage? Yes ☐ No ☒

7. If yes, will the policies be extended? Yes ☐ No ☐ Not Applicable ☒

8. Has this Change Order been discussed with FAA officials? Yes ☒ No ☐

When: 3/30/2023

With Whom: Mrs. Laura Breeding

Comment(s):

Augusta Regional Airport
Construct Hangar N1 Apron & Taxilane
AIP #: 3-13-0011-045-2020

Progress Payment Application: CCO #1
For Period Ending: -

CCO No.	Spec.	Description	Unit of Issue	Quantity	Unit Price	Extended Price	Approved Quantity	Approved Amount	Quantity to Date	Amount to Date
1	C-102.1a	Installation and Removal of Silt Fence or Silt Sock	LF	(574)	\$ 6.00	\$ (3,444.00)				
1	C-102.1b	Installation and Removal of Check Dam Hay Bale	EA	(24)	\$ 115.00	\$ (2,760.00)				
1	P-101.2	Asphalt Concrete Pavement Removal, Perimeter Road Full Depth, Off Site	SY	1,221	\$ 25.00	\$ 30,525.00				
1	P-152.2	Subgrade Preparation	SY	(274)	\$ 3.00	\$ (822.00)				
1	P-154.1	Aggregate Base Course	CY	(301)	\$ 60.00	\$ (18,060.00)				
1	P-304.1	Cement-Treated Base Course (8" Depth)	SY	(721)	\$ 45.00	\$ (32,445.00)				
1	D-701.1	14" X 23" Elliptical RCP Class IV Pipe	LF	1	\$ 400.00	\$ 400.00				
1	L-108.1	#8 AWG, 5kV Power Cable	LF	40	\$ 3.00	\$ 120.00				
1	L-108.2	Counterpoise Wire w/ Grounding Rods	LF	20	\$ 3.00	\$ 60.00				
1	L-110.1	2-Way, 2-inch PVC, Concrete Encased Type II Electrical Duct Bank	LF	(28)	\$ 65.00	\$ (1,820.00)				
1	L-110.2	Electrical Conduit, 1W-2" PVC, Type II, Non-encased, Installed in Soil	LF	20	\$ 6.00	\$ 120.00				
1	L-125.4	Taxiway Guidance Sign, 4 Module, Size 2, Style 3, Mode 2	EA	1	\$ 10,450.00	\$ 10,450.00				
1	L-125.6	Salvage (E) Guidance Sign and Remove PCC Foundation	EA	1	\$ 1,450.00	\$ 1,450.00				
1	L-125.7	Install Salvaged Guidance Sign on New PCC Foundation	EA	1	\$ 3,000.00	\$ 3,000.00				
					Subtotal	-\$13,226.00		\$0.00	0	\$0.00



**INDEPENDENCE
EXCAVATING**
A DiGeronimo Company

February 6, 2023

Elizabeth Giles
Senior Construction Project Manager
Augusta Region Airport
1501 Aviation Way
Augusta, GA 30906

Project: Construct Hangar N1 Ramp and Taxilane
Augusta Regional Airport
AIP No. 3-13-0011-045-2020

Subject: Change Order 01 – Relocate (E) Taxiway A Guidance Sign on New PCC Base and Install
New Guidance Sign on New PCC Base

Dear Mrs. Giles,

Independence Excavating Inc. (IX) is pleased to submit this proposal in response to the Change Order 01 – Relocate (E) Taxiway A Guidance Sign on New PCC Base and Install New Guidance Sign on New PCC Base Exhibit 1.1 received via email from Mead & Hunt on January 18, 2023.

IX's proposal includes all costs associated with the scope of work shown in Exhibit 1.1. This assumes an 8 week lead time for procurement of the new sign and completing this work within the original contract period. Also, any additional seeding, sodding or topsoil work will be measured and paid for under the original contract unit prices.

This proposal amounts to a total of **\$15,200**. The unit price breakdown can be found on the next page.

Please provide a formal notice of acceptance for this proposal to allow for our subcontractor to place the sign order and begin the procurement process.

Spec	Item	Unit of Issue	Quantity	Unit Price	Total Price
L-108.1	#8 AWG, 5kV Power Cable	LF	40	\$3.00	\$120.00
L-108.2	Counterpoise Wire W/ Grounding Rods	LF	20	\$3.00	\$60.00
L-110.2	Electrical Conduit, 1W-2" PVC, Type II, Non-Encased, Installed in Soil	LF	20	\$6.00	\$120.00
L-125.6	Salvage (E) Guidance Sign and Remove PCC Foundation	EA	1	\$1,450.00	\$1,450.00
L-125.7	Install Salvaged Guidance Sign on New PCC Foundation	EA	1	\$3,000.00	\$3,000.00
L-125.4	Taxiway Guidance Sign, 4 Module, Size 2, Style 3, Mode 2	EA	1	\$10,450.00	\$10,450.00
Grand Total Price					\$15,200.00

If you require additional information, please do not hesitate to contact me.

Sincerely,

Jason Malloy
Senior Project Manager
Independence Excavating Inc.

Item L-125 Installation of Airport Lighting Systems

DESCRIPTION

125-1.1 This item shall consist of airport lighting systems furnished and installed in accordance with this specification, the referenced specifications, and the applicable advisory circulars (ACs). The systems shall be installed at the locations and in accordance with the dimensions, design, and details shown in the plans. This item shall include the furnishing of all equipment, materials, services, and incidentals necessary to place the systems in operation as completed units to the satisfaction of the RPR.

EQUIPMENT AND MATERIALS

125-2.1 General.

a. Airport lighting equipment and materials covered by Federal Aviation Administration (FAA) specifications shall be certified under the Airport Lighting Equipment Certification Program in accordance with AC 150/5345-53, current version. FAA certified airfield lighting shall be compatible with each other to perform in compliance with FAA criteria and the intended operation. If the Contractor provides equipment that does not perform as intended because of incompatibility with the system, the Contractor assumes all costs to correct the system for to operate properly.

b. Manufacturer's certifications shall not relieve the Contractor of their responsibility to provide materials in accordance with these specifications and acceptable to the RPR. Materials supplied and/or installed that do not comply with these specifications shall be removed, when directed by the RPR and replaced with materials, which do comply with these specifications, at the sole cost of the Contractor.

c. All materials and equipment used shall be submitted to the RPR for approval prior to ordering the equipment. Submittals consisting of marked catalog sheets or shop drawings shall be provided. Clearly mark each copy to identify pertinent products or models applicable to this project. Indicate all optional equipment and delete non-pertinent data. Submittals for components of electrical equipment and systems shall identify the equipment for which they apply on each submittal sheet. Markings shall be clearly made with arrows or circles (highlighting is not acceptable). The Contractor shall be responsible for delays in the project accruing directly or indirectly from late submissions or resubmissions of submittals.

d. The data submitted shall be sufficient, in the opinion of the RPR, to determine compliance with the plans and specifications. The Contractor's submittals shall be submitted in a neatly bound, properly sized 3-ring binder and/or electronic PDF format. RPR reserves the right to reject any or all equipment, materials or procedures, which, in the RPR's opinion, does not meet the system design and the standards and codes, specified herein.

e. All equipment and materials furnished and installed under this section shall be guaranteed against defects in materials and workmanship for a period of at least twelve (12) months from final acceptance by the Owner. The defective materials and/or equipment shall be repaired or replaced, at the Owner's discretion, with no additional cost to the Owner.

125-2.2 Conduit/Duct. Conduit shall conform to Specification Item L-110 Airport Underground Electrical Duct Banks and Conduits.

125-2.3 Cable and Counterpoise. Cable and Counterpoise shall conform to Item L-108 Underground Power Cable for Airports.

125-2.4 Tape. Rubber and plastic electrical tapes shall be Scotch Electrical Tape Numbers 23 and 88 respectively, as manufactured by 3M Company or an approved equal.

125-2.5 Cable Connections. Cable Connections shall conform to Item L-108 Installation of Underground Cable for Airports.

125-2.6 Retroreflective Markers. Retroreflective markers shall be type L-853 and shall conform to the requirements of AC 150/5345-39.

125-2.7 Runway and Taxiway Lights. Runway and taxiway lights shall conform to the requirements of AC 150/5345-46. Taxiway edge fixtures shall be FAA Type L-861T quartz with LED light source. Edge lights shall be operable from 30/45-watt transformers. Lens color shall be aviation blue.

125-2.8 Runway and Taxiway Signs. Runway and Taxiway Guidance Signs should conform to the requirements of AC 150/5345-44. Led lighted airfield guidance signs shall conform to the details shown on the Plans. All signs shall utilize a LED lamp source for illumination. Sign size, style and mode will be listed on the Plans. All signs shall be internally illuminated and shall be double-sided even if one side is blank. L-830 isolation transformers shall be provided for each sign and sized per manufacturer's recommendation. Each sign shall be supplied with an "of/off" switch (shorting type disconnect switch) to allow for safe operations and maintenance of the sign and light source when the lighting circuit is energized. Signs shall be installed as required for FAA certification. Lighted signs shall have stainless steel bird spikes fastened to the entire top of the sign.

125-2.9 Runway End Identifier Light (REIL). Not required.

125-2.10 Precision Approach Path Indicator (PAPI). Not required.

125-2.11 Circuit Selector Cabinet. Not required

125-2.12 Light Base and Transformer Housings. Light Base and Transformer Housings should conform to the requirements of AC 150/5345-42. Light bases shall be Type L-867, Class 1A, Size B shall be provided as indicated or as required to accommodate the fixture or device installed thereon. Base plates, cover plates, and adapter plates shall be provided to accommodate various sizes of fixtures.

125-2.13 Isolation Transformers. Isolation Transformers shall be Type L-830, size as required for each installation. Transformer shall conform to AC 150/5345-47.

INSTALLATION

125-3.1 Installation. The Contractor shall furnish, install, connect and test all equipment, accessories, conduit, cables, wires, buses, grounds and support items necessary to ensure a complete and operable airport lighting system as specified here and shown in the plans.

The equipment installation and mounting shall comply with the requirements of the National Electrical Code and state and local code agencies having jurisdiction.

The Contractor shall install the specified equipment in accordance with the applicable advisory circulars and the details shown on the plans.

125-3.2 Testing. All lights shall be fully tested by continuous operation for not less than 24 hours as a completed system prior to acceptance. The test shall include operating the constant current regulator in each step not less than 10 times at the beginning and end of the 24-hour test. The fixtures shall illuminate properly during each portion of the test.

125-3.3 Shipping and Storage. Equipment shall be shipped in suitable packing material to prevent damage during shipping. Store and maintain equipment and materials in areas protected from weather and physical damage. Any equipment and materials, in the opinion of the RPR, damaged during construction or storage shall be replaced by the Contractor at no additional cost to the owner. Painted or

galvanized surfaces that are damaged shall be repaired in accordance with the manufacturer's recommendations.

125-3.4 Elevated and In-pavement Lights. Water, debris, and other foreign substances shall be removed prior to installing fixture base and light.

A jig or holding device shall be used when installing each light fixture to ensure positioning to the proper elevation, alignment, level control, and azimuth control. Light fixtures shall be oriented with the light beams parallel to the runway or taxiway centerline and facing in the required direction. The outermost edge of fixture shall be level with the surrounding pavement. Surplus sealant or flexible embedding material shall be removed. The holding device shall remain in place until sealant has reached its initial set.

METHOD OF MEASUREMENT

125-4.1 Reflective markers will be measured by the number installed as completed units in place, ready for operation, and accepted by the RPR. Runway and taxiway lights will be measured by the number of each type installed as completed units in place, ready for operation, and accepted by the RPR. Guidance signs will be measured by the number of each type and size installed as completed units, in place, ready for operation, and accepted by the RPR. Runway End Identifier Lights shall be measured by each system installed as a completed unit in place, ready for operation, and accepted by the RPR.

Precision Approach Path Indicator shall be measured by each system installed as a completed unit, in place, ready for operation, and accepted by the RPR. Abbreviated Precision Approach Path Indicator shall be measured by each system installed as a completed unit, in place, ready for operation, and accepted by the RPR.

BASIS OF PAYMENT

125-5.1 Payment will be made at the Contract unit price for each complete runway or taxiway light, guidance sign, reflective marker, runway end identification light, precision approach path indicator, or abbreviated precision approach path indicator installed by the Contractor and accepted by the RPR. This payment will be full compensation for furnishing all materials and for all preparation, assembly, and installation of these materials, and for all labor, equipment, tools and incidentals necessary to complete this item.

Payment will be made under:

L-125.1	Taxiway Edge Light Removal – per each
L-125.2	L861T MITL LED. Elevated Taxiway Fixture – per each
L-125.3	Taxiway Guidance Sign, 1 Module, Size 2, Style 3, Mode 2 – per each
L-125.4	Taxiway Guidance Sign, 4 Module, Size 2, Style 3, Mode 3 – per each
L-125.5	Taxiway Retroreflective Marker – per each
L-125.6	Salvage (E) Guidance Sign and Remove PCC Foundation– per each
L-125.7	Install Salvaged Guidance Sign on New PCC Foundation– per each

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

Advisory Circulars (AC)

AC 150/5340-18	Standards for Airport Sign Systems
AC 150/5340-26	Maintenance of Airport Visual Aid Facilities
AC 150/5340-30	Design and Installation Details for Airport Visual Aids
AC 150/5345-5	Circuit Selector Switch
AC 150/5345-7	Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits
AC 150/5345-26	Specification for L-823 Plug and Receptacle, Cable Connectors
AC 150/5345-28	Precision Approach Path Indicator (PAPI) Systems
AC 150/5345-39	Specification for L-853, Runway and Taxiway Retroreflective Markers
AC 150/5345-42	Specification for Airport Light Bases, Transformer Housings, Junction Boxes, and Accessories
AC 150/5345-44	Specification for Runway and Taxiway Signs
AC 150/5345-46	Specification for Runway and Taxiway Light Fixtures
AC 150/5345-47	Specification for Series to Series Isolation Transformers for Airport Lighting Systems
AC 150/5345-51	Specification for Discharge-Type Flashing Light Equipment
AC 150/5345-53	Airport Lighting Equipment Certification Program

Engineering Brief (EB)

EB No. 67	Light Sources Other than Incandescent and Xenon for Airport and Obstruction Lighting Fixtures
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END OF ITEM L-125

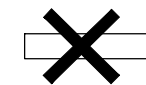

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- NOTES
- CONTRACTOR SHALL INSTALL TEMPORARY #8, 5KV JUMPER CABLES, AS NECESSARY TO KEEP RWY AND/OR TWY CIRCUIT ENERGIZED.
 - THE DEMOLITION OF THE CONDUIT, LIGHTS, AND JUNCTION CANS WITHIN THE TAXIWAY SHOULDER SHALL NOT BE INCLUDED WITHIN THIS CHANGE ORDER AS THEY HAVE ALREADY BEEN QUANTIFIED IN THE ORIGINAL CONTRACT UNDER ITEM P-101.1.




TAXILANE GUIDANCE SIGN SCHEDULE					
SIGN NUMBER	SIZE	STYLE	MODE	NORTHING	EASTING
S-10	2	3	2	1229222.92	715713.12
S-10.1	2	3	2	SEE NOTE	SEE NOTE

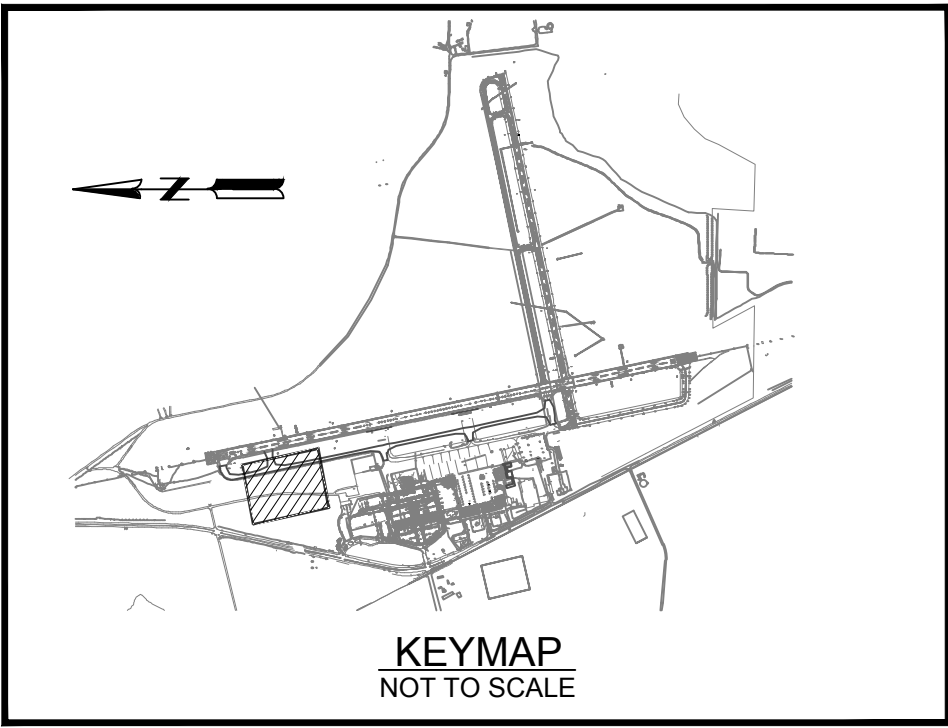
NOTE
- CONTRACTOR SHALL INSTALL DIRECTLY ADJACENT TO S-10.

LEGEND

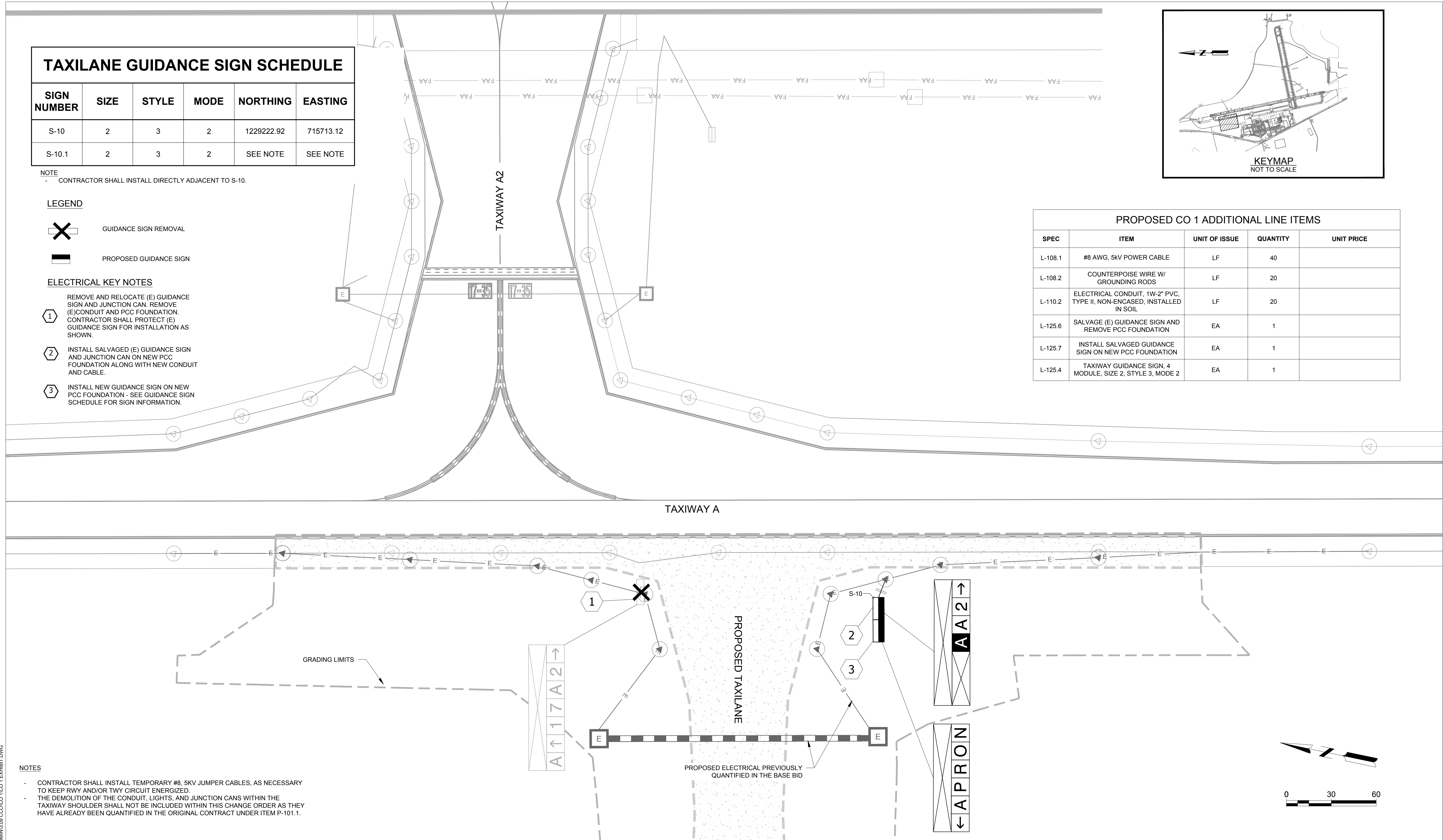
-  GUIDANCE SIGN REMOVAL
-  PROPOSED GUIDANCE SIGN

ELECTRICAL KEY NOTES

-  1 REMOVE AND RELOCATE (E) GUIDANCE SIGN AND JUNCTION CAN. REMOVE (E)CONDUIT AND PCC FOUNDATION. CONTRACTOR SHALL PROTECT (E) GUIDANCE SIGN FOR INSTALLATION AS SHOWN.
-  2 INSTALL SALVAGED (E) GUIDANCE SIGN AND JUNCTION CAN ON NEW PCC FOUNDATION ALONG WITH NEW CONDUIT AND CABLE.
-  3 INSTALL NEW GUIDANCE SIGN ON NEW PCC FOUNDATION - SEE GUIDANCE SIGN SCHEDULE FOR SIGN INFORMATION.



PROPOSED CO 1 ADDITIONAL LINE ITEMS				
SPEC	ITEM	UNIT OF ISSUE	QUANTITY	UNIT PRICE
L-108.1	#8 AWG, 5KV POWER CABLE	LF	40	
L-108.2	COUNTERPOISE WIRE W/ GROUNDING RODS	LF	20	
L-110.2	ELECTRICAL CONDUIT, 1W-2" PVC, TYPE II, NON-ENCASED, INSTALLED IN SOIL	LF	20	
L-125.6	SALVAGE (E) GUIDANCE SIGN AND REMOVE PCC FOUNDATION	EA	1	
L-125.7	INSTALL SALVAGED GUIDANCE SIGN ON NEW PCC FOUNDATION	EA	1	
L-125.4	TAXIWAY GUIDANCE SIGN, 4 MODULE, SIZE 2, STYLE 3, MODE 2	EA	1	



AUGUSTA REGIONAL AIRPORT
1501 AVIATION WAY
AUGUSTA, GA
HANGAR N1 RAMP & TAXILANE
AIP NO. 3-13-0011-045-2020
0119700-202061.03
1/12/2023

CHANGE ORDER 1 - RELOCATE (E) TAXIWAY A GUIDANCE SIGN ON NEW PCC BASE AND INSTALL NEW GUIDANCE SIGN ON NEW PCC BASE



Mead
& Hunt
EXHIBIT 1.1