

March 8, 2021

To: Plan Holders for Improvements to the  
Kirksville Regional Airport  
Kirksville, Missouri  
MoDOT Project No. 20-0298A-1

Transmitted herewith is Addendum **No. 1** to the Issued for Bid Contract Documents, Specifications and Plans dated February 9, 2021 for Improvements to the Kirksville Regional Airport.

**Schedule I – Runway 18/36 RehabilitationA**  
**Schedule II – Taxiway B Rehabilitation Between Taxiway A and Apron**  
**Schedule III – Remove and Construct Mid-Field Connector Taxiway B**

As a reminder, bids are due Tuesday, March 16, 2021 at 3:00 PM.

Sincerely,

**Jviation, A Woolpert Company**

Bryan Gregory, P.E.  
Project Manager



**ADDENDUM NO. 2  
 TO  
 CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS  
 FOR IMPROVEMENTS TO THE  
 KIRKSVILLE REGIONAL AIRPORT  
 KIRKSVILLE, MISSOURI  
 MODOT PROJECT NO. 20-028A-1**

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 8, 2021:

**1. CONTRACT DOCUMENTS/SPECIFICATIONS**

**Contract Documents.**

**Sections:** Section 1 Notice to Bidders

**Revision:** Revised Bid Quantity Table

*Justification:* Updated P-101b is measured per SF not SY. Updated items L-125g thru L-125k.

**Sections:** Proposals Part B

**Revision:** Updated Bid Proposal Quantities

*Justification:* Updated P-101d is measured per SF not SY. Updated items L-125g thru L-125.

**Sections:** Section 4 Part D Federal and State Wage Rates

**Revision:** Updated Federal Wage Rates

*Justification:* New Federal Wage Rates were released on February 12, 2021.

**Technical Specifications**

**Item L-125 Installation of Airport Lighting Systems**

**Sections:** Basis of Payment

**Revision:** Updated items L-125g thru L-125k as shown below,

L-125g	Install New L-858 Guidance Sign on New Concrete Pad, 2 Module, Complete – per each
L-125h	Install New L-858 Guidance Sign on New Concrete Pad, 3 Module, Complete – per each
L-125i	Install New L-858 Guidance Sign on Extended Foundation, 2 Module, Complete – per each

- L-125j Install New L-858 Guidance Sign on Extended Foundation, 3 Module,  
Complete – per each
- L-125k Reinstall Existing L-858 Guidance Sign on New Concrete Pad with New  
Panels, 3 Module, Complete – per each

*Justification: The condition of the existing signs does not permit them to be extended. New signs will be installed instead.*

## 2. PLANS

**G002 (2 of 62)** – P-101d Unit of Measurement was changed to SF

*Justification: P-101d was calculated and should be paid as SF and not SY*

**E200 (59 of 62)** – Light spacing was updated and sign installations were updated. The sheet has been reissued and is attached with this addendum.

*Justification: The existing signs are old and will not be able to be extended. New signs will be installed instead.*

**E251 (61 of 62)** – The sign details were updated to reflect the different installation types. The sheet has been reissued and is attached with this addendum.

*Justification: The existing signs are old and will not be able to be extended. New signs will be installed instead.*

**E252 (62 of 62)** – The sign notes were updated to reflect the different installation types. The sheet has been reissued and is attached with this addendum.

*Justification: The existing signs are old and will not be able to be extended. New signs will be installed instead.*

## 3. QUESTIONS

What are the size of the Hold Position Markings?

**Answer:** *Hold Position Markings are to be thermoplastic and are sized per FAA AC 150/5340-1M.*

What is the width of Pavement Edge Markings

**Answer:** *3-feet wide. Please note Pavement edge markings will not be removed for temporary displaced threshold*

Are beads required in temporary markings?

**Answer:** *Beads are not required in the temporary markings*

How will you ensure potential bidders are familiar with the site?

**Answer:** *The contract documents require potential bidders to be familiar with the site. Each bidder is responsible for ensuring they are familiar with the project site.*

For full panel repair, is the base course and subgrade required to be replaced?

**Answer:** *The intent of the design to use the existing base course and subgrade currently in place. Additional work may be needed on a case by case basis, including minor grading and recompacting the base.*

What is the restriction of the amount of new concrete that could be diamond ground?

**Answer:** *Per P-501-4.19(f) diamond grinding shall not exceed 1/2-inch. The total area is not limited, so long as the depth does not exceed 1/2-inch and the equipment does not damage the individual panels.*

For P-101b is the quantity Square Yards or Square Feet? It shows both units in the document.

**Answer:** *P-101b spall repair should be per square feet. Please see the attached updates where this is corrected.*

Can we use our standard bid bond form from our bonding company?

**Answer:** *We recommend utilizing the bid bond form provided in the contract documents to ensure all the information needed is correct..*

**\*\* END OF ADDENDUM NO. 2\*\***

**SECTION 1  
NOTICE TO BIDDERS**

Kirksville Regional Airport  
Kirksville, Missouri  
State Block Grant Project No. 20-028A-1

Sealed bids subject to the conditions and provisions presented herein will be received until 3:00 p.m., Tuesday, March 16, 2021, and then publicly opened and read at City Council Chambers, Kirksville City Hall, 201 S. Franklin Street, for furnishing all labor, materials, equipment and performing all work necessary to

- Schedule I - Runway 18/36 Rehabilitation
- Schedule II - Taxiway B Rehabilitation
- Schedule III - Remove and Construct Mid-field Connector Taxiway B

**Contract Documents.** The complete set of Specifications and Contract Documents can be downloaded from Jviation, a Woolpert Company's bid site (<http://bid.jviation.com>), beginning on February 9, 2021. In order to submit a responsive bid as a Prime Contractor and to receive all necessary addendum(s) for this project, you must be on the Planholder's List. To view all planholder documents (contract documents, plans and addendums) you must fill out the online form located at (<https://jviation.com/bid-request>). By filling out and submitting this form, you agree to be publicly listed on the bid site with your contact information as a planholder for all projects requested. **It is the planholder's responsibility to review the site for addendums and changes before submitting their proposal.** For additional information, please contact us via email at [bid.info@woolpert.com](mailto:bid.info@woolpert.com).

\*Note that contractors will NOT be automatically added to new projects. You will need to re-submit the online form for access to new projects. Once granted access, additional projects will use your same login credentials. **Note:** Plan ahead when submitting the online request form and allow up to 2 business days for approval and access to projects.

**Pre-Bid Conference.** The pre-bid conference for this project will be held on Tuesday, February 23, 2021 at 2:00 p.m., at the Kirksville Regional Airport, Airport Conference Room, 27161 David Hall Trail, Kirksville, MO 63501. All bidders are required to examine the site to become familiar with all site conditions.

**Contract Work Items.** This project will involve the following work items and estimated quantities. Prospective bidders are hereby advised that the quantities indicated herein are approximate and are subject to change.

**SUMMARY OF APPROXIMATE QUANTITIES**

Item No.	Item Description	Unit	Sch I	Sch II	Sch III
			ESTIMATE	ESTIMATE	ESTIMATE
C-100a	Contractor Quality Control Program (CQCP)	LS	1	1	1
C-102a	Temporary Erosion Control	LS	1	1	1
C-105a	Mobilization	LS	1	1	1
P-101a	Full Depth Pavement Removal - Complete	SY	-	-	3,250
P-101b	Spall Repair (Complete)	SF	4,000	140	-
P-101c	Crack Repair (Complete)	LF	6,000	600	-
P-101d	Panel Removal and Replacement (Complete)	SY	4,280	620	-

Item No.	Item Description	Unit	Sch I	Sch II	Sch III
P-101e	Remove and Replace Joint Sealant (Complete)	LF	90,000	3,400	-
P-152a	Unclassified Excavation	CY	-	-	3,200
P155a	Lime-treated subgrade	SY	-	-	3,070
P-155b	Hydrated Lime	TON	-	-	180
P-209a	Crushed Aggregate Base Course (6-Inches)	CY	-	-	550
P-209b	Stabilization Fabric	SY	-	-	3,070
P-501a	Portland Cement Concrete Pavement	SY	-	-	3,070
P-620a	Temporary Pavement Marking	SF	55,000	-	1,000
P-620b	Permanent Pavement Markings	SF	85,500	210	1,000
P-620c	Black Pavement Markings	SF	28,000	500	1,850
P-620d	Pavement Marking Obliteration	SF	85,000	-	300
P-620e	Thermoplastic Hold Position Signs	EA	-	-	2
T-901a	Seeding with Hydromulch	AC	-	-	2
L-108a	Install #8 AWG, L-824C, 5000V, Wire	LF	-	-	4,930
L-108b	Install #6 AWG, Bare Copper Counterpoise Including Ground Rods and Terminations	LF	-	-	3,210
L-110a	Install 1-2" SCH. 40 PVC Duct, Direct Earth Buried	LF	-	-	2,950
L-110b	Install 1-2" SCH. 40 PVC Duct, Concrete Encased	LF	-	-	190
L-110c	Install 4-2" SCH. 40 PVC Duct, Concrete Encased	LF	-	-	70
L-115a	Remove L-867B Junction Box, Complete	EA	-	-	3
L-115b	Install L-867B Junction Box, Complete	EA	-	-	2
L-125a	Remove Taxiway Edge Light, Complete	EA	-	-	24
L-125b	Remove Runway In-Pavement Light, Complete	EA	-	-	1
L-125c	Install L-862 Runway Edge Light, Base Mounted, White/White Lens, Complete	EA			1
L-125d	Reinstall L-861T LED Taxiway Edge Light	EA	-	-	24
L-125e	Install L-861T LED Taxiway Edge Light	EA	-	-	17
L-125f	Remove L-858 Guidance Sign, Complete	EA	-	-	4
L-125g	Reinstall 1 Module L-858 Guidance Sign on New Concrete Pad with New Additional Module and Four New Panels, Complete	EA	-	-	2

Item No.	Item Description	Unit	Sch I	Sch II	Sch III
L-125h	Reinstall 2 Module L-858 Guidance Sign on New Concrete Pad with New Additional Module and Six New Panels, Complete	EA	-	-	1
L-125i	Reinstall 3 Module L-858 Guidance Sign on New Concrete Pad with Six New Panels, Complete	EA	-	-	1
L-125j	Extend Existing 1 Module L-858 Guidance Sign Base to 2 Module Base and Install 4 New Panels, Complete	EA	-	-	4
L-125k	Extend Existing 2 Module L-858 Guidance Sign Base to 3 Module Base and Install 6 New Panels, Complete	EA	-	-	1
L-125l	Remove Existing Panels from 2 Module L-858 Guidance Sign and Install 4 New Panels, Complete	EA			2
L-125m	Remove Existing Panels from 3 Module L-858 Guidance Sign and Install 6 New Panels, Complete	EA	-	-	3

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**Contract Time.** The owner has established a contract perform time of 110 Calendar Day(s) from the date of the Notice-to-Proceed. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed in the project manual.

**Bid Security.** No bid will be considered unless accompanied by a certified check or cashier's check on any bank or trust company insured by the Federal Deposit Insurance Corporation, payable to the Owner, for not less than five (5) percent of the total amount of the bid, or by a bid bond secured by an approved surety or sureties, payable to the City of Kirksville, for not less than five (5) percent of the total amount of the bid.

**Bonding Requirements.** The successful bidder will be required to furnish separate performance and payment bonds each in an amount equal to 100% of the contract price at the time of contract execution.

**Award of Contract.** The Owner intends to award a contract resulting from this solicitation to the lowest, responsive, responsible bidder, whose offer, conforming to the solicitation, will be most advantageous to, and in the best interest of, the Owner, cost or price and other factors considered.

- a. In addition to other factors, bid offers will be evaluated on the basis of advantages and disadvantages to the Owner that might result from offers received.
- b. The Owner reserves the right to reject any or all proposals and to waive informalities and/or irregularities in the bid offer. Bids may be held by the owner for a period not to exceed 90 calendar days from the date of the bid opening for the purpose of conducting the bid evaluation.
- c. Total bid will be evaluated and awarded as follows: It is the Owner's intent to award this bid based on the **TOTAL BASE BID FOR ALL ITEMS, split awards will not be made.**
- d. The Owner will determine which Schedules and/or Bid Alternates will be awarded based on the received bid prices and available funding. The project award will be based on the low bid sum of the Schedules and Bid Alternates awarded by the Owner. Not all Schedules and/or Bid Alternates may be awarded. A combination of Schedules and Bid Alternates may be

216 awarded, including only a single Schedule. The numbering of the Schedules or Bid Alternates  
217 does not necessarily indicate the order of award.

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219 e. The project award is contingent on the availability of funding.

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221 **Federal Provision.** This project is subject to the following Federal provisions, statutes and regulations;  
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223 **Equal Employment Opportunity - Executive Order 11246 and 41 CFR Part 60:** The Bidder's attention is  
224 called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity  
225 Construction Contract Specifications" set forth within the supplementary provisions. The successful Bidder  
226 shall not discriminate against any employee or applicant for employment because of race, color, religion, sex,  
227 or national origin. The Contractor will take affirmative action to ensure the applicants are employed, and that  
228 employees are treated during employment without regard to their race, color, religion, sex, or national origin.  
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230 **Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity:**

231 1. The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal  
232 Employment Opportunity Construction Contract Specifications" set forth within the supplementary  
233 provisions.  
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235 2. The goals and timetables for minority and female participation, expressed in percentage terms for the  
236 contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:  
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238 **Timetables**

239 Goals for minority participation for each trade: 4.00 %

240 Goals for female participation in each trade: 6.9%.

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242 These goals are applicable to all of the contractor's construction work (whether or not it is Federal or  
243 federally-assisted) performed in the covered area. If the contractor performs construction work in a  
244 geographical area located outside of the covered area, it shall apply the goals established for such  
245 geographical area where the work is actually performed. With regard to this second area, the contractor is  
246 also subject to the goals for both its federally involved and non-federally involved construction.  
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248 3. The Contractor shall provide written notification to the Director of the Office of Federal Contract  
249 Compliance Programs (OFCCP) within 10 working days of award of any construction subcontract in excess  
250 of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The  
251 notification shall list the name, address, and telephone number of the subcontractor; employer  
252 identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting  
253 and completion dates of the subcontract; and the geographical area in which the subcontract is to be  
254 performed.  
255

256 As used in this notice and in the contract resulting from this solicitation, the "covered area" is City of Kirksville,  
257 Adair, and state of Missouri.  
258

259 **Disadvantaged Business Enterprise – 49 CFR Part 26:** The requirements of 49 CFR Part 26, Regulations  
260 of the U.S. Department of Transportation, apply to this contract. It is the policy of MoDOT and the **City of**  
261 **Kirksville** to practice nondiscrimination based on race, color, sex or national origin in the award or  
262 performance of this contract. All firms qualifying under this solicitation are encouraged to submit  
263 bids/proposals regardless of their business size or ownership. Awards of this contract will be conditioned  
264 upon satisfying the requirements of this section. These requirements apply to all bidders, including those who  
265 qualify as a DBE. The owner's award of this contract is condition upon the bidder satisfying the good faith  
266 effort requirements of 49 CFR §26.53. A DBE contract goal of **3.0** percent has been established for this  
267 contract. The non-DBE bidder shall subcontract **3.0** percent of the dollar value of the base bid(s), excluding  
268 any additive alternates, to disadvantaged business enterprises (DBE) or make good faith efforts to meet the  
269 DBE contract goal. The bidder and any subcontractor who qualifies as a DBE who subcontracts work to another non-DBE



270 firm must subtract the amount of the non-DBE contract from the total DBE work counted toward the goal, as defined in 49 CFR  
271 Part 26.55.

272  
273 The apparent successful competitor will be required to submit the following information as a condition of bid  
274 responsiveness: (1) the names and addresses of DBE firms that will participate in the contract; (2) a description  
275 of the work that each DBE firm will perform; (3) the dollar amount of the participation of each DBE firm  
276 participating; (4) written statement from bidder that attests their commitment to use the DBE firm(s) listed  
277 under (1) above to meet the owner’s project goal; and (5) if the contract goal is not met, evidence of good faith  
278 efforts undertaken by the bidder, as described in Appendix A to 49 CFR Part 26.

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280 The apparent successful competitor must provide written confirmation of participation from each of the DBE  
281 firms listed in their commitment with the proposal documents as a condition of bid responsiveness.

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283 **Davis-Bacon Act, as amended – 29 CFR Part 5:** The Contractor is required to comply with wage and labor  
284 provisions and to pay minimum wages in accordance with the current schedule of wage rates established by the  
285 United States Department of Labor included in the supplementary provisions.

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287 In addition, the contractor will also be required to comply with the wage and labor requirements and pay  
288 minimum wages in accordance with the schedule of wage rates established by the Missouri Division of Labor  
289 Standards included in the Supplementary Provisions.

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291 The highest rate between the two (Federal and State) for each job classification shall be considered the  
292 prevailing wage.

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294 **Debarment, Suspension, Ineligibility and Voluntary Exclusion – Title 2 CFR Part 180 (Subpart C) Title**  
295 **2, CFR Part 1200:** The bidder certifies, by submission of a proposal or acceptance of a contract, that neither  
296 it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or  
297 voluntarily excluded from participation in this transaction by any Federal department or agency.

298  
299 **Foreign Trade Restriction – 49 CFR Part 30:** By submission of an offer, the Offeror certifies that with  
300 respect to this solicitation and any resultant contract, the Offeror--

- 301  
302 a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries  
303 that discriminate against U.S. firms published by the Office of the United States Trade Representative  
304 (USTR);  
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306 b. has not knowingly entered into any contract or subcontract for this project with a person that is a  
307 citizen or national of a foreign country included on the list of countries that discriminate against U.S.  
308 firms as published by the USTR; and  
309  
310 c. has not entered into any subcontract for any product to be used on the Federal project that is produced  
311 in a foreign country included on the list of countries that discriminate against U.S. firms published by  
312 the USTR.

313  
314 **Buy American Certificate – Aviation Safety and Capacity Act of 1990:** This contract is subject to the “Buy  
315 American Preferences” of the Aviation Safety and Capacity Act of 1990. Prospective Bidders are required to  
316 certify that steel and manufactured products have been produced in the United States and to clearly identify  
317 those items produced or manufactured outside of the United States.

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319 **Additional Provisions:** Modification to the project documents may only be made by written addendum by  
320 the Owner or Owner’s authorized Representative.

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323 The proposal must be made on the forms provided within the bound project manual. Bidders must supply all  
324 required information prior to the time of bid opening.  
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326 Additional Federal provisions can be found in Section 4 of this document.

SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
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	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101b	Spall Repair (Complete)	at the unit price of: _____ dollars and _____ cents.	SF	4,000	\$	\$
P-101c	Crack Repair (Complete)	at the unit price of: _____ dollars and _____ cents.	LF	6,000	\$	\$
P-101d	Panel Removal and Replacement (Complete)	at the unit price of: _____ dollars and _____ cents.	SY	4,280	\$	\$
P-101e	Remove and Replace Joint Sealant (Complete)	at the unit price of: _____ dollars and _____ cents.	LF	90,000	\$	\$
P-620a	Temporary Pavement Marking	at the unit price of: _____ dollars and _____ cents.	SF	55,000	\$	\$
P-620b	Permanent Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	85,500	\$	\$
P-620c	Black Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	28,000	\$	\$
P-620d	Pavement Marking Obliteration	at the unit price of: _____ dollars and _____ cents.	SF	85,000	\$	\$

**SCHEDULE I TOTAL \$ \_\_\_\_\_**

SCHEDULE II						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
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	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101b	Spall Repair (Complete)	at the unit price of: _____ dollars and _____ cents.	SF	140	\$	\$
P-101c	Crack Repair (Complete)	at the unit price of: _____ dollars and _____ cents.	LF	600	\$	\$
P-101d	Panel Removal and Replacement (Complete)	at the unit price of: _____ dollars and _____ cents.	SY	620	\$	\$
P-101e	Remove and Replace Joint Sealant (Complete)	at the unit price of: _____ dollars and _____ cents.	LF	3,400	\$	\$
P-620b	Permanent Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	210	\$	\$
P-620c	Black Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	500	\$	\$

**SCHEDULE II TOTAL \$ \_\_\_\_\_**

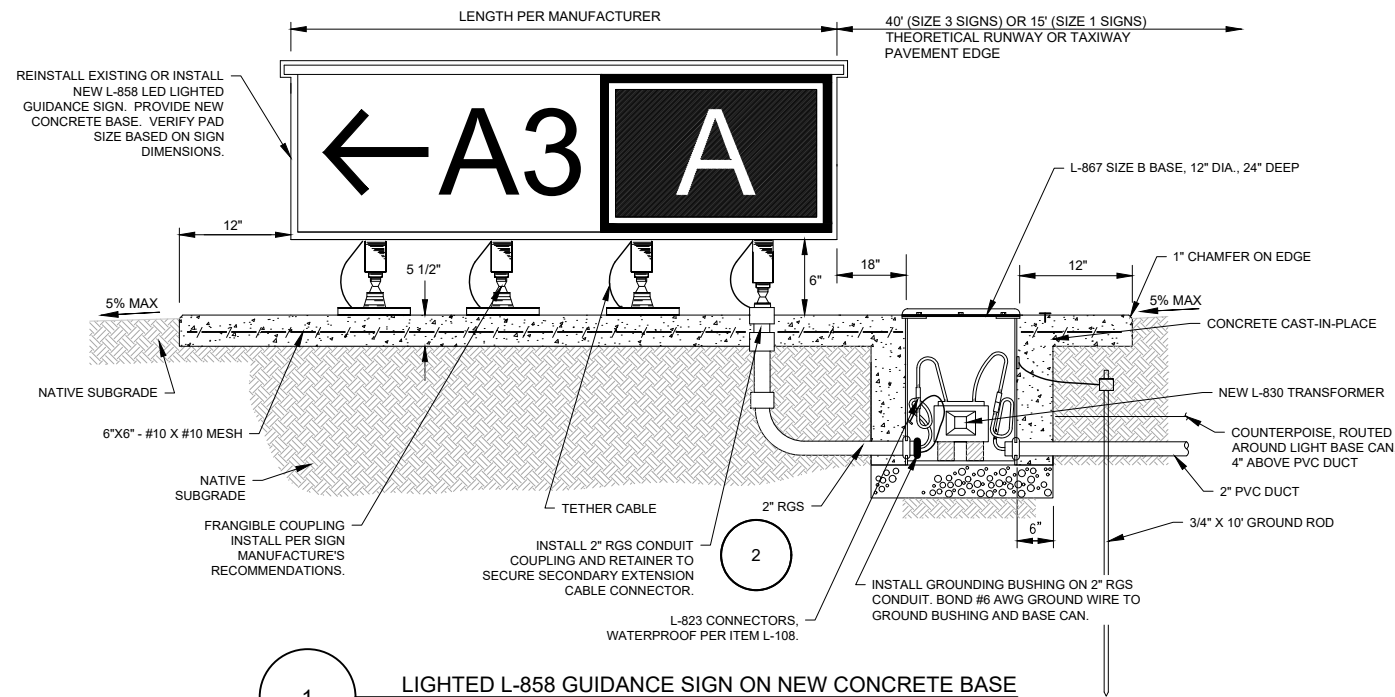
SCHEDULE III						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Temporary Erosion Control	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Full Depth Pavement Removal (Complete)	at the unit price of: _____ dollars and _____ cents.	SY	3,250	\$	\$
P-152a	Unclassified Excavation	at the unit price of: _____ dollars and _____ cents.	CY	3,200	\$	\$
P-155a	Lime-treated subgrade	at the unit price of: _____ dollars and _____ cents.	SY	3,070	\$	\$
P-155b	Hydrated Lime	at the unit price of: _____ dollars and _____ cents.	TON	180	\$	\$
P-209a	Crushed Aggregate Base Course (6-Inches)	at the unit price of: _____ dollars and _____ cents.	CY	550	\$	\$
P-209b	Stabilization Fabric	at the unit price of: _____ dollars and _____ cents.	SY	3,070	\$	\$
P-501a	Portland Cement Concrete Pavement	at the unit price of: _____ dollars and _____ cents.	SY	3,070	\$	\$
P-620a	Temporary Pavement Marking	at the unit price of: _____ dollars and _____ cents.	SF	1,000	\$	\$
P-620b	Permanent Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	1,000	\$	\$
P-620c	Black Pavement Markings	at the unit price of: _____ dollars and _____ cents.	SF	1,850	\$	\$
P-620d	Pavement Marking Obliteration	at the unit price of: _____ dollars and _____ cents.	SF	300	\$	\$
P-620e	Thermoplastic Hold Position Signs	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	2	\$	\$
L-108a	Install #8 AWG, L-824C, 5000V, Wire	at the unit price of: _____ dollars and _____ cents.	LF	4,930	\$	\$
L-108b	Install #6 AWG, Bare Copper Counterpoise Including Ground Rods and Terminations	at the unit price of: _____ dollars and _____ cents.	LF	3,210	\$	\$
L-110a	Install 1-2" SCH. 40 PVC Duct, Direct Earth Buried	at the unit price of: _____ dollars and _____ cents.	LF	2,950	\$	\$
L-110b	Install 1-2" SCH. 40 PVC Duct, Concrete Encased	at the unit price of: _____ dollars and _____ cents.	LF	190	\$	\$

Schedule III

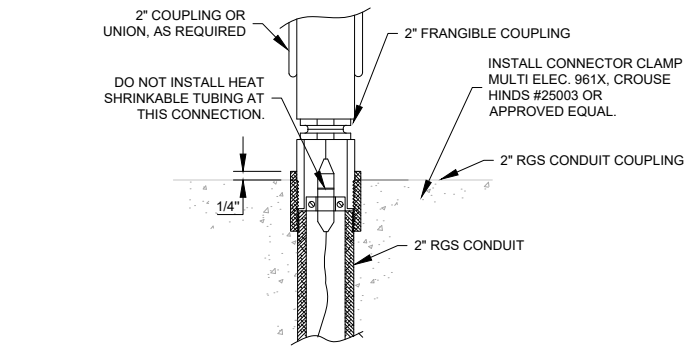
SCHEDULE III						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
L-110c	Install 4-2" SCH. 40 PVC Duct, Concrete Encased	at the unit price of: _____ dollars and _____ cents.	LF	70	\$	\$
L-115a	Remove L-867B Junction Box, Complete	at the unit price of: _____ dollars and _____ cents.	EA	3	\$	\$
L-115b	Install L-867B Junction Box, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125a	Remove Taxiway Edge Light, Complete	at the unit price of: _____ dollars and _____ cents.	EA	24	\$	\$
L-125b	Remove Runway In-Pavement Light, Complete	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
L-125c	Install L-862 Runway Edge Light, Base Mounted, White/White Lens, Complete	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
L-125d	Reinstall L-861T LED Taxiway Edge Light	at the unit price of: _____ dollars and _____ cents.	EA	24	\$	\$
L-125e	Install L-861T LED Taxiway Edge Light	at the unit price of: _____ dollars and _____ cents.	EA	17	\$	\$
L-125f	Remove L-858 Guidance Sign, Complete	at the unit price of: _____ dollars and _____ cents.	EA	4	\$	\$
L-125g	Install New L-858 Guidance Sign on New Concrete Pad, 2 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125h	Install New L-858 Guidance Sign on New Concrete Pad, 3 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
L-125i	Install New L-858 Guidance Sign on Extended Foundation, 2 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	4	\$	\$
L-125j	Install New L-858 Guidance Sign on Extended Foundation, 3 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
L-125k	Reinstall Existing L-858 Guidance Sign on New Concrete Pad with New Panels, 3 Module, Complete	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
L-125l	Remove Existing Panels from 2 Module L-858 Guidance Sign and Install 4 New Panels, Complete	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$
L-125m	Remove Existing Panels from 3 Module L-858 Guidance Sign and Install 6 New Panels, Complete	at the unit price of: _____ dollars and _____ cents.	EA	3	\$	\$

**SCHEDULE III TOTAL \$** \_\_\_\_\_

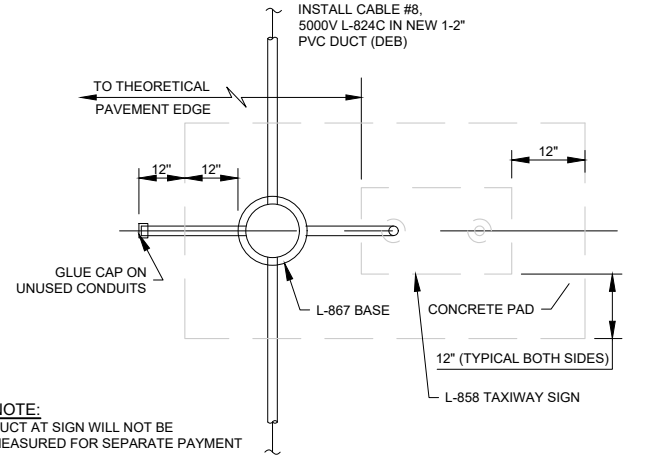




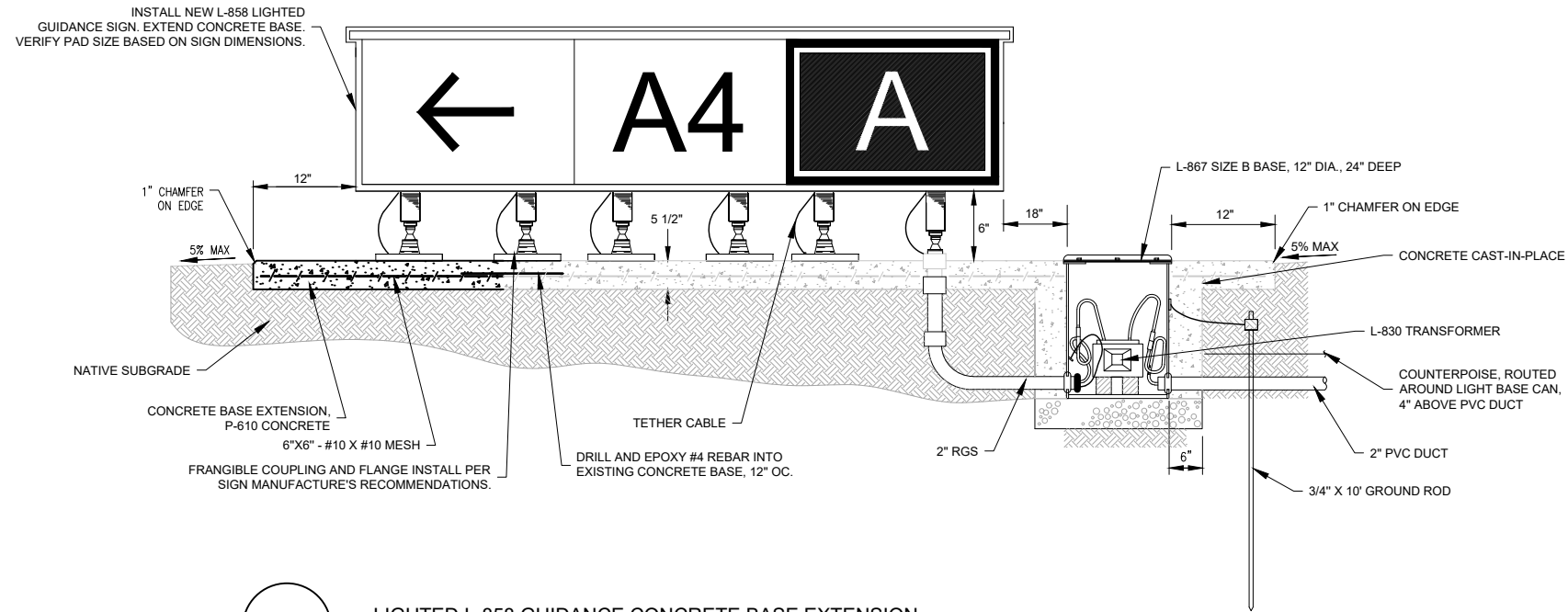
1 LIGHTED L-858 GUIDANCE SIGN ON NEW CONCRETE BASE  
N.T.S



2 2\"/>



3 CONDUIT LAYOUT TO TAXIWAY SIGN DETAIL  
N.T.S



4 LIGHTED L-858 GUIDANCE CONCRETE BASE EXTENSION  
N.T.S

REISSUE SHEET

ISSUED FOR BID		
JOEL WIECHMANN	2012033774	01/31/21
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		

Printed March 8, 2021 @ 1:19 PM by Zach Ambartz P.E.  
 KIRKSVILLE Regional Airport P-18-38 & 109 E. Main Street P-18-38-01 E-250-ELEC-DET.dwg



DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: F.V.	1	B.S.G.	01/31/21	ISSUED FOR BID
CH: C.L.G.	2	B.S.G.	03/08/21	ADDENDUM NO. 2
APP: B.S.G.				

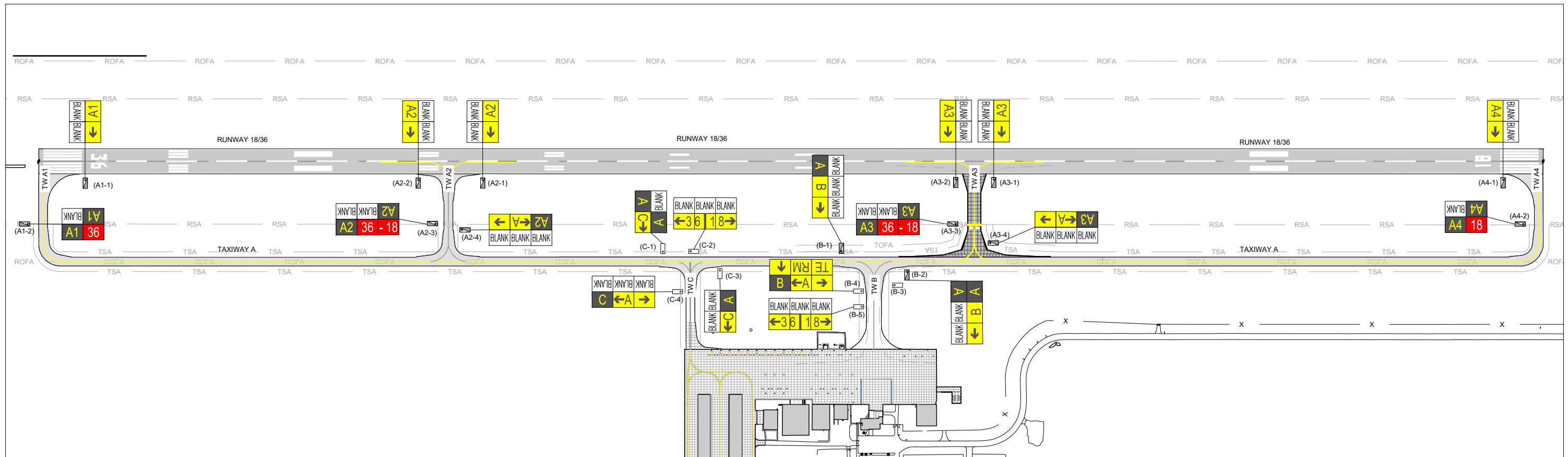
**RUNWAY 18/36 AND  
TAXIWAY B  
REHABILITATION**

**ELECTRICAL DETAILS**

**SHEET NAME**  
E251  
**SHEET NO.**  
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MoDOT PROJ. NO. 20-028A-1	JVIATION PROJ. NO. 2020.IRK.01
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**AIRFIELD GUIDANCE SIGN LEGEND**

SIGN NO.	SIGN LEGEND		BACKGROUND		SIZE	DESCRIPTION
	FRONT	BACK	TYPE	TYPE		
A1-1	← A1	BLANK BLANK	Y	-	1	SEE SIGN NOTE 1.
A1-2	A1 36	A1 BLANK	L/R	L	3	SEE SIGN NOTE 2.
A2-1	← A2	BLANK BLANK	Y	-	1	SEE SIGN NOTE 1.
A2-2	BLANK BLANK	A2 →	-	Y	1	SEE SIGN NOTE 1.
A2-3	A2 36 - 18	A2 BLANK BLANK	L/R	L	3	SEE SIGN NOTE 2.
A2-4	A2 ← A →	BLANK BLANK BLANK	L/Y	-	1	SEE SIGN NOTE 1.
A3-1	← A3	BLANK BLANK	Y	-	1	SEE SIGN NOTE 3.
A3-2	BLANK BLANK	A3 →	-	Y	1	SEE SIGN NOTE 3.
A3-3	A3 36 - 18	A3 BLANK BLANK	L/R	L	3	SEE SIGN NOTE 4.
A3-4	A3 ← A →	BLANK BLANK BLANK	L/Y	-	1	SEE SIGN NOTE 3.
A4-1	BLANK BLANK	A4 →	-	Y	1	SEE SIGN NOTE 1.
A4-2	A4 18	A4 BLANK	L/R	L	3	SEE SIGN NOTE 2.
B-1	A B →	BLANK BLANK BLANK	L/Y	-	1	SEE SIGN NOTE 2.
B-2	← B A	A BLANK BLANK	Y/L	L	1	SEE SIGN NOTE 2.
B-4	B ← A →	TERM ↑	L/Y	Y	1	EXISTING SIGN.
B-5	← 36 18 →	BLANK BLANK BLANK	Y	-	1	EXISTING SIGN.
C-1	A C →	A BLANK	L/Y	L	1	EXISTING SIGN.
C-2	← 36 18 →	BLANK BLANK BLANK	Y	-	1	EXISTING SIGN.
C-3	← C A	BLANK BLANK	Y/L	-	1	EXISTING SIGN.
C-4	C ← A →	BLANK BLANK BLANK	R	-	1	EXISTING SIGN.

**SIGN PANEL TYPE**

Y - BLACK LEGEND ON YELLOW BACKGROUND (L-858Y DIRECTIONAL)  
 R - WHITE LEGEND ON RED BACKGROUND (L-858R-MANDATORY)  
 L - YELLOW LEGEND ON BLACK BACKGROUND (L-858L-LOCATION)  
 B - WHITE LEGEND ON BLACK BACKGROUND (L-858B - RDR)

**GENERAL NOTES**

- LOCATION GIVEN FOR SIGNS DENOTES THE MIDDLE OF THE SIGN EDGE ON THE SIDE CLOSEST TO THE RUNWAY OR TAXIWAY EDGE.
- THE CONTRACTOR SHALL STORE THE EXISTING SIGNS THAT SHALL BE REMOVED PER THE DEMOLITION PLAN IN A MANNER THAT WILL PROTECT AND NOT DAMAGE THE SIGNS.
- SEE DETAILS ON THIS SHEET AND E251 FOR INFORMATION ON NEW GUIDANCE SIGNS AND SIGN BASES.
- CONTRACTOR SHALL CONFIRM SIGN MANUFACTURER PRIOR TO ORDERING NEW SIGN PANELS. NEW SIGN PANELS SHALL BE COMPATIBLE WITH THE EXISTING SIGNS ON THE AIRFIELD.



**SIGN NOTE**

- EXTEND THE EXISTING SIGN BASE AND INSTALL NEW GUIDANCE SIGN, SEE DETAIL 4, SHEET E251
- REPLACE THE EXISTING PANELS WITH NEW SIGN PANELS
- INSTALL NEW GUIDANCE SIGN ON A NEW FOUNDATION, SEE DETAIL 1, SHEET E251
- INSTALL EXISTING SIGN ON A NEW SIGN BASE IN NEW LOCATION WITH NEW SIGN PANELS, SEE DETAIL 1, SHEET E251
- ALL EXISTING GUIDANCE SIGNS ARE HALOGEN AND MANUFACTURED BY ADB SAFEGATE.

**ISSUED FOR BID**

JOEL WIECHMANN 2012033774 01/31/21  
 NAME REG. NO. DATE  
 FOR AND ON BEHALF OF JVIATION, INC.



KIRKSVILLE REGIONAL AIRPORT  
 KIRKSVILLE, MISSOURI



DES: D.W.C.  
 DR: F.V.  
 CH: C.L.G.  
 APP: B.S.G.

**ISSUE RECORD**

NO.	BY	DATE	DESCRIPTION
1	B.S.G.	01/31/21	ISSUED FOR BID
2	B.S.G.	03/08/21	ADDENDUM NO. 2

**RUNWAY 18/36 AND TAXIWAY B REHABILITATION**

**ELECTRICAL DETAILS**

MoDOT PROJ. NO. 20-028A-1

JVIATION PROJ. NO. 2020.IRK.01

**SHEET NAME**

E252

**SHEET NO.**

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