

**JEFFERSON CITY MEMORIAL AIRPORT**  
Apron Pavement Maintenance

MoDOT Project No. 20-040B-1  
Burns & McDonnell Project 127371  
ADDENDUM NO. 1

February 5<sup>th</sup>, 2021

To All Plan Holders:

The following changes, additions, and/or deletions are hereby made a part of the Construction Documents for the above-named project, fully and completely as if the same were fully contained therein. All other terms, conditions, and specifications of the original Notice to Bidders and Instructions to Bidders remain unchanged.

This amendment must be acknowledged in the space provided on the Proposal Form page PF-4, in the space provided below and submitted with the bid documents. Failure to do so may subject Bid proposers to disqualification. The changes and clarifications directed by this Addendum No. 1 are described in:

PREBID MEETING MINUTES

1. See attached meeting minutes (four pages including attendance sheet) for the non-mandatory Prebid meeting held on February 2<sup>nd</sup>, 2021 at 1:00 PM.

PROJECT MANUAL CHANGES, ADDITIONS, AND/OR DELETIONS

2. Change: The Calendar Days for the phases are hereby revised as follows:
  - a. Phase 1 – 28 Calendar Days
  - b. Phase 2 – 7 Calendar Days
  - c. Phase 3A – 14 Calendar Days
  - d. Phase 3B – 14 Calendar Days
  - e. Phase 3C – 12 Calendar Days
  - f. Total Calendar Days – 75 Calendar Days
3. As a result of Item 2 above, the following project manual pages are hereby replaced with the attached revised versions of those pages:
  - a. Section 1, Page 6
  - b. Section 3, Page 44
  - c. Section 3, Page 51
  - d. CSPP, Cover Page
  - e. CSPP, Page 3
  - f. Proposal Form, PF-4
  - g. Contract Agreement, CA-1
  - h. Contract Agreement, CA-2
  - i. Contract Agreement, CA-3

4. Clarification: The Davis Bacon Wage Rates provided in Section 4, Part D were re-verified on February 5, 2021. As of February 5, 2021, the wage rates provided in the bid documents are still current.
5. Change: Page P-501-8 from Item P-501 is hereby replaced with the attached revised version of that page.
6. Clarification: Phases shall not be opened to traffic, other than construction traffic, until pavement has attained a flexural strength of 550 pounds per square inch when tested in accordance with ASTM C78. The Contractor's quality control laboratory shall be responsible for sampling and testing beams to demonstrate the strength requirement has been met to open the phase. Strength determination shall be based on the average of a minimum of two beam breaks per subplot.

#### CONTRACT DRAWING CHANGES, ADDITIONS, AND/OR DELETIONS

7. As a result of Item 2 above, Drawing G-003 and Drawing G-100 are hereby replaced with the attached revised versions of those sheets.

#### GENERAL QUESTIONS

8. Can we get a plan holder list?
  - a. See attached plan holder list as of February 5, 2021.
9. Do we need to provide access to aircraft during any specific phases?
  - a. During every phase, aircraft have the right of way on areas open to aircraft.
  - b. During Phase 1, the successful bidder will need to provide an hour early in the day each day and an hour late in the day each day where tenants, at their own discretion, can tug aircraft (not powered taxi) between the main ramp and the north ramp hangars.
    - i. Equipment shall be stored in the Contractor's staging area when not in use and at the end of each day.
    - ii. Successful bidder shall coordinate the two one-hour windows with the City of Jefferson prior to the start of construction.
    - iii. The successful bidder will need to ensure the tug route is free of materials, equipment, personnel, and FOD during the two one-hour windows.
10. Do we need to contact FAA Tech Ops?
  - a. Yes. Per Section 11 of the Construction Safety and Phasing Plan (CSPP), the successful bidder will need to provide 30 days notice to FAA Tech Ops prior to the start of construction for utility locates.

- 11. Can we schedule an in-person site visit?
  - a. Yes. This is encouraged to familiarize the bidder with the repair areas, site constraints, and general operation of the facility. Per Section 1, Notice to Bidders of the Project Manual, bidders may schedule an in-person site visit with Eric Bowers, Airport Manager (P: 573-634-6469) up to seven days prior to bid opening.



Thomas Dowse, P.E.  
Project Manager  
Burns & McDonnell



Sign and date below:

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature of Authorized Person of Above Firm

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

END OF ADDENDUM NO. 1

Addendum No. 1  
Prebid Meeting Minutes

**JEFFERSON CITY MEMORIAL AIRPORT  
APRON PAVEMENT MAINTENANCE  
PREBID MEETING MINUTES**

**MoDOT Project No. 20-040B-1**

*Meeting Date:*  
**FEBRUARY 2, 2021,  
1:00 PM (Central)**

**1. Introductions**

*All participants were welcomed to the Prebid meeting held virtually for the Apron Pavement Maintenance Project. An attendance sheet is attached to these minutes.*

- a. City of Jefferson Staff
- b. MoDOT Aviation Staff
- c. Burns & McDonnell
- d. Attendees – *See attached for attendance sheet.*

**2. Status of Funding**

- a. Award of contract is conditioned upon MoDOT concurrence and the receipt of a grant.

**3. Review of Project**

- a. Description of the Scope of Work – *Phasing sheets were shown during the meeting to describe the work areas and types of work anticipated in each phase.*
- b. Time of Completion: 65 TOTAL Calendar Days
  - i. Phase 1 – 26 Calendar Days
  - ii. Phase 2 – 7 Calendar Days
  - iii. Phase 3A – 12 Calendar Days
  - iv. Phase 3B – 12 Calendar Days
  - v. Phase 3C – 8 Calendar Days
- c. Liquidated Damages: \$1,500 per Calendar Day

**4. Bidding of Project**

- a. Bid Opening: February 16, 2021, 1:30 P.M. (*central*)
  - i. Bids will be publicly opened and read at 1:30 P.M. in the City Council Chambers of the City Jefferson, Missouri.
- b. City reserves the right to award to the apparent lowest qualified bidder.
- c. Unbalanced Bids. Proposals are subject to consideration as being irregular if the proposal contains unit prices that are obviously unbalanced. Irregular proposals may be rejected.
- d. Bids may be held for up to 90 calendar days.
- e. Award of project is contingent upon the Owner receiving Federal funding assistance.
- f. A Bid Guarantee in the amount of 5% of the Bid is required at the time of the Bid submittal.
- g. Target Notice-To-Proceed: The targeted date is *approximately* May 1, 2021. Receipt of all necessary federal funds in a timely manner may impact this date.
  - i. *The anticipated approximate start date is adjustable and could slide either direction. The project must be completed before next winter while temperatures and weather are still favorable for this work. The successful bidder and the City of Jefferson will work together to set a start date if the project is awarded.*

**5. Federal & State Wage Rates**

- a. Project is subject to Davis-Bacon wage rates.

**6. DBE Participation**

- a. Goal for Contract: 6.0%
- b. DBE firms must be certified on MoDOT's MRCC program.
- c. Good Faith Effort: Bidder must demonstrate that they made good faith efforts to achieve participation with DBE firms. This requires that the bidder show that it took all necessary and reasonable steps to secure participation by certified DBE firms. Mere pro forma efforts will not be considered as a good faith effort.

Actions constituting evidence of good faith efforts are described in Appendix A to 49 CFR Part 26. Such actions include but are not limited to:

- \* Soliciting DBE participation through all reasonable and available means. This may include public advertisements and phone calls/faxes to known certified DBE firms.
- \* Consult State Department of Transportation office to obtain a list of certified DBE firms.
- \* Selecting portions of the work that increases the likelihood that DBE firms will be available to participate.
- \* Providing DBE firms with sufficient information and time to review the project plans and specifications.
- \* Document all contacts with DBE firms. This includes name, address, phone number, date of contact, and record of conversation/negotiation.

**7. Keys to Construction**

- a. Timely processing of Submittals.
  - i. Successfully obtaining the necessary proper P-501 Alkali Silica Reactivity testing documentation in a timely manner.
  - ii. All test results need to be current within 6 months of time of submittal unless otherwise indicated in the specifications.
- b. Coordination with Owner and Engineer.
- c. Coordination with Airport Operations.
- d. Contractor prepared Safety Plan Compliance Document (SPCD).
- e. Adherence to Schedule and Phasing.
  - i. Prompt schedule updates.
- f. Paving Operations.
- g. Protection of pavement to remain.
- h. Final Clean Up.

**8. Buy American Certification**

- a. Title 49 U.S.C., Section 50101, for permanent items.

**9. Owner Provided Items**

- a. Issue NOTAMS when notified by the Contractor 48 hours in advanced of need.

**10. Miscellaneous Items**

- a. Contractor Staging and Work Areas (20-feet NTE).
  - i. *If successful bidder requires more than 20-feet maximum height, this will need to be coordinated by the Contractor with the FAA via a 7460-1.*
- b. Access Routes.
- c. Foreign Object Debris (FOD) Prevention.
- d. All questions/inquiries shall be submitted in writing via email.  
Engineer Contact Person: Tom Dowse, P.E.  
Email: [tdowse@burnsmcd.com](mailto:tdowse@burnsmcd.com)
- e. All questions/inquiries shall be submitted to and received by the Engineer in writing via email no later than 1:30 P.M., February 9<sup>th</sup>, 2021.

**11. Open Discussion**

- a. Safety: Safety is the highest priority for this project. All of the Contractor's and subcontractor's employees shall be familiar with the CSPP and SPCD prior to working at the airport.
- b. *Any questions submitted to the Engineer by 1:300 PM, February 9<sup>th</sup>, 2021 will be addressed via an addendum.*
- c. *Question: Can phases be combined?*
  - i. *Answer: The project shall be bid as the plans indicate regarding phasing. If after award, there are proposals to combine phases, this can be discussed but is not guaranteed to be feasible.*
- d. *Question: Can we receive a plan holder list?*
  - i. *A plan holder list will be provided with the last addendum. Drexel Technologies also maintains a plan holder list.*

**Conclusion**

- *There being no other discussion requested, the meeting concluded approximately 1:30 PM.*

*End of Prebid Meeting Minutes. Prepared: February 3, 2021.*

**PRE-BID MEETING SIGN IN**  
**APRON PAVEMENT MAINTENANCE**  
**JEFFERSON CITY MEMORIAL AIRPORT**

**MODOT Project 20-040B-1**  
**Burns & McDonnell Project 127371**  
**February 2, 2021**  
**1:00 p.m. (Virtual)**

<b>Name</b>	<b>Organization</b>	<b>Phone</b>	<b>Email</b>
<b>Britt Smith, PE</b>	<b>City of Jefferson</b>	<b>573-634-6450</b>	<b>bsmith@jeffcitymo.org</b>
<b>Eric Bowers</b>	<b>City of Jefferson</b>	<b>573-634-6469</b>	<b>ebowers@jeffcitymo.org</b>
<b>Andy Hanks, PE</b>	<b>MoDOT Aviation</b>	<b>573-751-7478</b>	<b>Andrew.Hanks@modot.mo.gov</b>
<b>Tom Dowse, PE</b>	<b>Burns &amp; McDonnell</b>	<b>816-894-8870</b>	<b>tdowse@burnsmcd.com</b>
<b>Dave Hadel, PE</b>	<b>Burns &amp; McDonnell</b>	<b>816-822-3378</b>	<b>dhadel@burnsmcd.com</b>
<b>Jeremy Hoffman</b>	<b>Scodeller Construction Inc.</b>	<b>816-261-6028</b>	<b>jeremy@scodeller.com</b>



Addendum No. 1

Project Manual Replacement Pages

7	P-101-5.4	CONCRETE PANEL REMOVAL (10-12" PCC)	SY	260
8	P-101-5.5	FULL DEPTH PAVEMENT REMOVAL (3-4" AC ON 4-6" BASE ROCK)	SY	215
9	P-101-5.6	ISOLATED CONCRETE SPALL REPAIRS	SF	160
10	P-152-4.1	UNCLASSIFIED EXCAVATION	CY	275
11	P-152-4.2	TYPE 7 AGGREGATE SUBGRADE REMEDIATION	TONS	575
12	P-209-5.1	CRUSHED AGGREGATE BASE COURSE (14")	SY	945
13	P-501-5.1	CONCRETE PAVEMENT (6")	SY	945
14	P-501-5.2	CONCRETE PAVEMENT (12" +/-)	SY	260
15	P-605-5.1	JOINT SEALING	LF	2,220
16	P-605-5.2	JOINT RESEALING	LF	30,000
17	P-620-5.1	SURFACE PREPARATION	SF	9,000
18	P-620-5.2	REFLECTORIZED PAVEMENT MARKINGS (YELLOW)	SF	3,000
19	P-620-5.3	NON-REFLECTORIZED PAVEMENT MARKINGS (BLACK)	SF	6,000

ITEM NO.	FAA ITEM NO.	DESCRIPTION OF WORK	UNITS	ESTIMATED QUANTITY
<b>BID OPTION 1 - NON AIP ELIGIBLE</b>				
20	P-101-5.4	CONCRETE PANEL REMOVAL (10-12" PCC)	SY	70
21	P-501-5.2	CONCRETE PAVEMENT (12" +/-)	SY	70
22	P-605-5.1	JOINT SEALING	LF	210

ITEM NO.	FAA ITEM NO.	DESCRIPTION OF WORK	UNITS	ESTIMATED QUANTITY
<b>BID OPTION 2 - AIP ELIGIBLE</b>				
23	P-605-5.2	JOINT RESEALING	LF	14,000

**Contract Time.** The owner has established a contract performance time of **75 calendar days** 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 **City of Jefferson, Missouri**, 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 owner, 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.** All proposals submitted in accordance with the instructions presented herein will be subject to evaluation. Bids may be held by the **City of Jefferson, Missouri** for a period not to exceed **90 Calendar Days** from the date of the bid opening for the purpose of conducting the bid evaluation.

Award of contract will be based on the lowest aggregate sum proposal submitted from those bidders that are confirmed as being responsive and responsible. The Owner reserves the right to select any one of the combinations of the base bid and bid option(s), which in the judgment of the Owner, best serves the Owner's interest. The right is reserved, as the **City of Jefferson, Missouri** may require, to reject any bid and all bids.

Award of contract is contingent upon the owner receiving Federal-funding assistance under the State Block Grant Program.

**Federal Provisions.** This project is subject to the following Federal provisions, statutes and regulations:

<b>BID / PHASE</b>	<b>LIQUIDATED DAMAGES COST</b>	<b>ALLOWED CONSTRUCTION TIME</b>
Phase 1	\$1,500 / Calendar Day	28 Calendar Days
Phase 2	\$1,500 / Calendar Day	7 Calendar Days
Phase 3A	\$1,500 / Calendar Day	14 Calendar Days
Phase 3B	\$1,500 / Calendar Day	14 Calendar Days
Phase 3C	\$1,500 / Calendar Day	12 Calendar Days
Total Calendar Day Contract		75 Calendar Days

Upon completion of any portion of the work listed above, such portion shall be accepted by the Owner in accordance with the subsection titled PARTIAL ACCEPTANCE of SECTION 50.

No portion of the work may be opened by the Contractor for public use until ordered by the Engineer in writing. Should it become necessary to open a portion of the work to public traffic on a temporary or intermittent basis, such openings shall be made when, in the opinion of the Engineer, such portion of the work is in an acceptable condition to support the intended traffic. Temporary or intermittent openings are considered to be inherent in the work and shall not constitute either acceptance of the portion of the work so opened or a waiver of any provision of the contract. Any damage to the portion of the work so opened that is not attributable to traffic which is permitted by the Owner shall be repaired by the Contractor at his/her expense.

The Contractor shall make his/her own estimate of the inherent difficulties involved in completing the work under the conditions herein described and shall not claim any added compensation by reason of delay or increased cost due to opening a portion of the contract work.

Contractor shall be required to conform to safety standards contained AC 150/5370-2G, Operational Safety on Airports During Construction (See Special Provisions.)

Contractor shall refer to the approved safety plan to identify barricade requirements and other safety requirements prior to opening up sections of work to traffic.

**70-14 CONTRACTOR'S RESPONSIBILITY FOR WORK.** Until the Engineer's final written acceptance of the entire completed work, excepting only those portions of the work accepted in accordance with the subsection titled PARTIAL ACCEPTANCE of Section 50, the Contractor shall have the charge and care thereof and shall take every precaution against injury or damage to any part due to the action of the elements or from any other cause, whether arising from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expense thereof, except for damage to the work due to unforeseeable causes beyond the control of and without the fault or negligence of the Contractor, including but not restricted to acts of God such as earthquake, tidal wave, tornado, hurricane or other cataclysmic phenomenon of nature, or acts of the public enemy or of government authorities.

If the work is suspended for any cause whatsoever, the Contractor shall be responsible for the work and shall take such precautions necessary to prevent damage to the work. The Contractor shall provide for normal drainage and shall erect necessary temporary structures, signs, or other facilities at his/her expense. During such period of suspension of work, the Contractor shall properly and continuously maintain in an acceptable growing condition all living material in newly established planting, seedings, and soddings furnished under his/her contract, and shall take adequate precautions to protect new tree growth and other important vegetative growth against injury.

**70-15 CONTRACTOR'S RESPONSIBILITY FOR UTILITY SERVICE AND FACILITIES OF OTHERS.** As provided in the subsection titled RESTORATION OF SURFACES DISTURBED BY OTHERS of this section, the Contractor shall cooperate with the owner of any public or private utility service, FAA or NOAA, or a utility service of another governmental agency that may be authorized by the Owner to construct, reconstruct or maintain such utility services or facilities during the progress of the work. In addition, the Contractor shall control his/her operations to prevent the unscheduled interruption of such utility services and facilities.

provided in the subsection titled DETERMINATION AND EXTENSION OF CONTRACT TIME of this Section), the sum specified in the contract and proposal as liquidated damages will be deducted from any money due or to become due the Contractor or his/her surety. Such deducted sums shall not be deducted as a penalty but shall be considered as liquidation of a reasonable portion of damages, including but not limited to, additional engineering services that will be incurred by the Owner should the Contractor fail to complete the work in the time provided in his/her contract.

BID / PHASE	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
Phase 1	\$1,500 / Calendar Day	28 Calendar Days
Phase 2	\$1,500 / Calendar Day	7 Calendar Days
Phase 3A	\$1,500 / Calendar Day	14 Calendar Days
Phase 3B	\$1,500 / Calendar Day	14 Calendar Days
Phase 3C	\$1,500 / Calendar Day	12 Calendar Days
Total Calendar Day Contract		75 Calendar Days

Permitting the Contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, will in no way operate as a waiver on the part of the Owner of any of its rights under the contract.

**80-09 DEFAULT AND TERMINATION OF CONTRACT.** The Contractor shall be considered in default of his/her contract, and such default will be considered as cause for the Owner to terminate the contract for any of the following reasons if the Contractor:

- a. Fails to begin the work under the contract within the time specified in the "Notice to Proceed," or
- b. Fails to perform the work or fails to provide sufficient workers, equipment or materials to assure completion of work in accordance with the terms of the contract, or
- c. Performs the work unsuitably or neglects or refuses to remove materials or to perform anew such work as may be rejected as unacceptable and unsuitable, or
- d. Discontinues the prosecution of the work, or
- e. Fails to resume work which has been discontinued within a reasonable time after notice to do so, or
- f. Becomes insolvent or is declared bankrupt, or commits any act of bankruptcy or insolvency, or
- g. Allows any final judgment to stand against him/her unsatisfied for a period of 10 days, or
- h. Makes an assignment for the benefit of creditors, or
- i. For any other cause whatsoever, fails to carry on the work in an acceptable manner.

Should the Engineer consider the Contractor in default of the contract for any reason hereinbefore, he/she shall immediately give written notice to the Contractor and the Contractor's surety as to the reasons for considering the Contractor in default and the Owner's intentions to terminate the contract.

If the Contractor or surety, within a period of **10 calendar days** after such notice, does not proceed in accordance therewith, then the Owner will, upon written notification from the Engineer of the facts of such delay, neglect, or default and the Contractor's failure to comply with such notice, have full power and authority without violating the contract to take the prosecution of the work out of the hands of the Contractor. The Owner may appropriate or use any or all materials and equipment that have been mobilized for use in the work and are acceptable and may enter into an agreement for the completion of said contract according to the terms and provisions thereof, or use such

- Fine aggregate quality test results, including deleterious materials.
- Mill certificates for cement and supplemental cementitious materials.
- Certified test results for all admixtures, including Lithium Nitrate if applicable.
- Specified flexural strength, slump, and air content.
- Recommended proportions/volumes for proposed mixture and trial water-cementitious materials ratio, including actual slump and air content.
- *Flexural strength summaries and plots, including all individual beam breaks.*
  - *Break data shall be provided for 3-day, 7-day, 10-day, 14-day, and 28-day flexural strength.*
- Correlation ratios for acceptance testing and Contractor QC testing, when applicable.
- Historical record of test results documenting production standard deviation, when applicable.

### 501-3.5 CEMENTITIOUS MATERIALS.

**a. Fly ash.** When fly ash is used as a partial replacement for cement, the replacement rate shall be determined from laboratory trial mixes, and shall be between 20 and 30% by weight of the total cementitious material. If fly ash is used in conjunction with slag cement the maximum replacement rate shall not exceed 10% by weight of total cementitious material.

**b. Slag cement (ground granulated blast furnace (GGBF)).** Slag cement may be used. The slag cement, or slag cement plus fly ash if both are used, may constitute between 25 to 55% of the total cementitious material by weight.

**c. Raw or calcined natural pozzolan.** Natural pozzolan may be used in the concrete mix. When pozzolan is used as a partial replacement for cement, the replacement rate shall be determined from laboratory trial mixes, and shall be between 20 and 30% by weight of the total cementitious material. If pozzolan is used in conjunction with slag cement the maximum replacement rate shall not exceed 10% by weight of total cementitious material.

**d. Ultrafine fly ash (UFFA) and ultrafine pozzolan (UFP).** UFFA and UFP may be used in the concrete mix with the RPR's approval. When UFFA and UFP is used as a partial replacement for cement, the replacement rate shall be determined from laboratory trial mixes, and shall be between 7% and 16% by weight of the total cementitious material.

### 501-3.6 ADMIXTURES.

**a. Air-entraining admixtures.** Air-entraining admixture are to be added in such a manner that will ensure uniform distribution of the agent throughout the batch. The air content of freshly mixed air-entrained concrete shall be based upon trial mixes with the materials to be used in the work adjusted to produce concrete of the required plasticity and workability. The percentage of air in the mix shall be 6.0 %. Air content shall be determined by testing in accordance with ASTM C231 for gravel and stone coarse aggregate and ASTM C173 for slag and other highly porous coarse aggregate.

**b. Water-reducing admixtures.** Water-reducing admixtures shall be added to the mix in the manner recommended by the manufacturer and in the amount necessary to comply with the specification requirements. Tests shall be conducted with the materials to be used in the work, in accordance with ASTM C494.

**c. Other admixtures.** Set controlling, and other approved admixtures shall be added to the mix in the manner recommended by the manufacturer and in the amount necessary to comply with the specification

**Construction Safety & Phasing Plan (CSPP)**  
for the

**Apron Pavement Maintenance**  
**MoDOT No. 20-040B-1**

for the

**Jefferson City Memorial Airport**  
**City of Jefferson, Missouri**



**BMcD Project Number 127371**

*February 5, 2021*

*Addendum 1*

with the Airport Manager and ATC prior to impacting operations on the Airport. Green shading indicates there is no change from existing operational conditions. Red shading indicates there is an operational change from existing conditions.

**Table 1: Airport Operations Affected by Construction – Phases 1 through 3**

<b>Operational Requirement</b>	<b>Normal (Existing Conditions)</b>	<b>Phase 1 (28 Calendar Days)</b>	<b>Phase 2 (7 Calendar Days)</b>	<b>Phase 3A (14 Calendar Days)</b>	<b>Phase 3B (14 Calendar Days)</b>	<b>Phase 3C (12 Calendar Days)</b>
Runway 12/30	6,000' ADG C-II	No Change	No Change	No Change	No Change	No Change
Runway 12 Approach Mins	1 Mile	No Change	No Change	No Change	No Change	No Change
Runway 30 Approach Mins	1/2 Mile	No Change	No Change	No Change	No Change	No Change
Runway 9/27	3,401' ADG B-II	No Change	No Change	No Change	No Change	No Change
Runway 9 & 27 Approach Mins	Visual	No Change	No Change	No Change	No Change	No Change
Taxiway A	ADG II TDG 2	No Change	No Change	No Change	No Change	No Change
Taxiway A1	ADG II TDG 2	No Change	No Change	Closed	No Change	No Change
Taxiway A2	ADG II TDG 2	No Change	No Change	No Change	No Change	No Change
Taxiway A4	ADG II TDG 2	No Change	No Change	No Change	No Change	No Change
Taxiway B	ADG II TDG 2	No Change	No Change	No Change	No Change	No Change
Taxiway B - West Connector	ADG II TDG 2	No Change	No Change	No Change	No Change	Closed
Taxiway C		No Change	No Change	No Change	No Change	Closed
Taxiway D		No Change	No Change	No Change	No Change	No Change
Main Terminal Apron (Main Ramp)	Airfield Access via TW A1, B	No Change	No Access to Eastern Parking Positions	No Change	No Access to Western Parking Positions	No Change
North Apron (North Ramp)	Access to Main Ramp	Limited Aircraft Access to Main Ramp	No Change	No Change	No Change	No Change
FBO Hangar	Access to Main Ramp	No Change	No Change	No Change	No Hangar Access	No Change
MoANG Fixed Wing Operations	Access via TW B	No Change	No Change	No Change	No Change	No Change
MoANG Roto Wing Operations	Access via air	No Change	No Change	No Change	No Change	No Change
Highway Patrol Roto Wing Operations	Access via air	No Change	No Change	No Change	No Change	No Hangar Access
Airport Operations	Runway 12-30 NDB/LOC/ILS/MA LSR/VASI/REIL Runway 9-27 REIL/PAPI	No Change	No Change	No Change	No Change	No Change

issued by the OWNER. The undersigned further agrees to complete the Project within *75 Calendar days* from the commencement date specified in the Notice to Proceed.

- h. The undersigned acknowledges and accepts that for each and every Calendar day the project remains incomplete beyond the contract time of performance, the Contractor shall pay the non-penal amount of **\$1,500 per Calendar day** as a liquidated damage to the OWNER.
- i. The undersigned prime contractor, if not a MoDOT certified DBE, hereby assures that they will subcontract **six (6) percent** of the dollar value of the prime contract to DBE firms or make good faith efforts to meet the DBE contract goal. In addition, the prime contractor will include the DBE clauses (see Supplementary Provision No. 6 of the Federal and State Provisions) required by the DBE Program adopted by MoDOT and the Sponsor in all contracts and subcontracts relating to this project. The undersigned will complete the DBE Participation information included herein when a DBE goal has been established, including a demonstration of good faith efforts if the DBE goal is not met. If the undersigned prime contractor is a MoDOT certified DBE firm, then the prime contractor must perform at **least thirty percent (30%)** of the total contract value work with its own forces, and will receive DBE credit for all work which the prime contractor and any other MoDOT certified DBE firm performs directly.
- j. The BIDDER, by submission of a proposal, acknowledges that award of this contract is subject to the provisions of the Davis-Bacon Act and the Missouri Prevailing Wage Law. The BIDDER accepts the requirement to pay prevailing wages for each classification and type of worker as established in the attached wage rate determinations as issued by the United States Department of Labor and the Missouri Division of Labor Standards. The BIDDER further acknowledges and accepts their requirement to incorporate the provision to pay the established prevailing wages in every subcontract agreement entered into by the Bidder under this project. The highest rate between the two (Federal and State) for each job classification shall be considered the prevailing wage.
- k. Compliance Reports (41 CFR Part 60-1.7): Within 30 days after award of this contract, the Contractor/Subcontractor shall file a compliance report (Standard Form 100) if s/he has not submitted a complete compliance report within 12 months preceding the date of award. This report is required if the Contractor/Subcontractor meets all of the following conditions:
  - 1. Contractors/Subcontractors are not exempt based on 41 CFR 60-1.5.
  - 2. Has 50 or more employees.
  - 3. Is a prime contractor or first tier subcontractor.
  - 4. There is a contract, subcontract, or purchase order amounting to \$50,000 or more
- l. The undersigned acknowledges receipt of the following addenda:

Addendum No. _____, dated _____	Date Received _____
Addendum No. _____, dated _____	Date Received _____
Addendum No. _____, dated _____	Date Received _____
Addendum No. _____, dated _____	Date Received _____
Addendum No. _____, dated _____	Date Received _____

**REPRESENTATIONS BY BIDDER**

By submittal of a proposal (bid), the BIDDER represents the following:

- a. The BIDDER has read and thoroughly examined the bid documents, including all authorized addenda.
- b. The BIDDER has a complete understanding of the terms and conditions required for the satisfactory performance of project work.



**CITY OF JEFFERSON  
CONSTRUCTION CONTRACT**

**THIS CONTRACT**, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2021, by and between \_\_\_\_\_, hereinafter referred to as "Contractor," and the City of Jefferson, Missouri, a municipal corporation of the State of Missouri, hereinafter referred to as "City."

**WITNESSETH:**

**THAT WHEREAS**, the Contractor has become the lowest responsible bidder for furnishing the supervision, labor, tools, equipment, materials and supplies and for constructing the following City improvements:

**Project No. 127371, MoDOT No. 20-040B-1, Apron Pavement Maintenance**

NOW THEREFORE, the parties to this contract agree to the following:

1. **Scope of Services.**

Contractor agrees to provide all labor, equipment, hardware and supplies to perform the work included in the project entitled "**Apron Pavement Maintenance**" in accordance with the plans and specifications on file with the Department of Public Works.

2. **Manner and Time for Completion.**

Contractor agrees with the City to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform said work at Contractor's own expense in accordance with the contract documents and any applicable City ordinances and state and federal laws, within **75 calendar days** from the date Contractor is ordered to proceed, which order shall be issued by the Director of Public Works within **fifteen (15) calendar days** after the date of this contract.

3. **Prevailing Wages.**

To the extent that the work performed by Contractor is subject to prevailing wage law, Contractor shall pay a wage of no less than the "prevailing hourly rate of wages" for work of a similar character in this locality, as established by Department of Labor and Industrial Relations of the State of Missouri, and as established by the Federal Employment Standards of the Department of Labor. Contractor acknowledges that Contractor knows the prevailing hourly rate of wages for this project because Contractor has obtained the prevailing hourly rate of wages from the contents of the current **Annual Wage Order No. 27, Section 014, Callaway County, and Federal Wage** rates as set forth. The Contractor further agrees that Contractor will keep an accurate record showing the names and occupations of all workmen employed in connection with the work to be performed under the terms of this contract. The record shall show the actual wages paid to the workmen in connection with the work to be performed under the terms of this contract. A copy of the record shall be delivered to the Purchasing Agent of the Jefferson City Finance Department each week. In accordance with Section 290.250, RSMo, Contractor shall forfeit to the City One Hundred Dollars (\$100.00) for each workman employed, for each calendar day or portion thereof that the workman is paid less than the stipulated rates for any work done under this contract, by the Contractor or any subcontractor under the Contractor.

4. **Insurance.**

Contractor shall procure and maintain at its own expense during the life of this contract:

(a) The Contractor shall obtain and maintain during the term of the Project and this Contract the insurance coverages at least equal to the coverages set forth in this section, but no event less than the individual and combined sovereign immunity limits established by Section 537.610 R.S.Mo. Insurance policies providing required coverages shall be with companies licensed to do business in the State of Missouri and rated no less than AA by Best or equivalent. All costs of obtaining and maintaining insurance coverages are included in the Bid Amount and no additional payment will be made therefor by the City.

<b><i>Comprehensive General Liability Insurance</i></b>	\$500,000 per occurrence
(including coverage for Bodily Injury and	\$3,000,000 aggregate

Property Damage)

Comprehensive Automobile Liability Insurance (including coverage for Bodily Injury and Property Damage)	\$500,000 per occurrence \$3,000,000 aggregate
Employer’s Liability	\$3,000,000 bodily injury by accident (each accident) \$3,000,000 bodily injury by disease (each employee) \$3,000,000 bodily injury policy limit

(b) Worker’s Compensation - In addition, the Contractor and all subcontractors shall provide Worker’s Compensation Insurance in at least statutory amounts for all workers employed at the Project site.

(c) Owner's Protective Liability Insurance - The Contractor shall also obtain at its own expense and deliver to the City an Owner's Protective Liability Insurance Policy naming the City of Jefferson and the Engineer as the insured, in an amount not less than the individual and combined sovereign immunity limits established by Section 537.610 R.S.Mo., except for those claims governed by the provisions of the Missouri Workmen's Compensation Law, Chapter 287, RSMo. No policy will be accepted which excludes liability for damage to underground structures or by reason of blasting, explosion or collapse.

(d) Subcontracts - In case any or all of this work is sublet, the Contractor shall require the Subcontractor to procure and maintain all insurance required in Subparagraphs (a) and (b) hereof and in like amounts.

(e) Before commencing any work, the Contractor shall provide to the City certificates of insurance evidencing the issuance and maintenance in force of the coverages required by this section. Each such certificate shall show the City, and such other governmental agencies as may be required by the City to be insured by underlying grant or contract relating to the Project, as an additional insured, and shall bear an endorsement precluding cancellation of or change in coverage without at least thirty (30) days written notice to the City. The City may waive any insurance coverages or amounts required by this section when the City deems such waiver to be in the interest of the public health, safety, and general welfare.

**5. Contractor's Responsibility for Subcontractors.**

It is further agreed that Contractor shall be as fully responsible to the City for the acts and omissions of its subcontractors, and of persons either directly or indirectly employed by them, as Contractor is for the acts and omissions of persons it directly employs. Contractor shall cause appropriate provisions to be inserted in all subcontracts relating to this work, to bind all subcontractors to Contractor by all the terms herein set forth, insofar as applicable to the work of subcontractors and to give Contractor the same power regarding termination of any subcontract as the City may exercise over Contractor under any provisions of this contract. Nothing contained in this contract shall create any contractual relations between any subcontractor and the City or between any subcontractors.

**6. Liquidated Damages.**

The City may deduct (**according to the below schedule**) from any amount otherwise due under this contract for every day Contractor fails or refuses to prosecute the work, or any separable part thereof, with such diligence as will ensure the completion by the time above specified, or any extension thereof, or fails to complete the work by such time, as long as the City does not terminate the right of Contractor to proceed. It is further provided that Contractor shall not be charged with liquidated damages because of delays in the completion of the work due to unforeseeable causes beyond Contractor's control and without fault or negligence on Contractor's part or the part of its agents.

<b>BID / PHASE</b>	<b>LIQUIDATED DAMAGES COST</b>	<b>ALLOWED CONSTRUCTION TIME</b>
Phase 1	\$1,500 / Calendar Day	28 Calendar Days
Phase 2	\$1,500 / Calendar Day	7 Calendar Days
Phase 3A	\$1,500 / Calendar Day	14 Calendar Days
Phase 3B	\$1,500 / Calendar Day	14 Calendar Days

Phase 3C	\$1,500 / Calendar Day	<i>12 Calendar Days</i>
Total Calendar Day Contract		<i>75 Calendar Days</i>

7. **Termination.**

The City reserves the right to terminate this contract by giving at least **ten (10) calendar days** prior written notice to Contractor, without prejudice to any other rights or remedies of the City should Contractor be adjudged a bankrupt, or if Contractor should make a general assignment for the benefit of its creditors, or if a receiver should be appointed for Contractor or for any of its property, or if Contractor should persistently or repeatedly refuse or fail to supply enough properly skilled workmen or proper material, or if Contractor should refuse or fail to make prompt payment to any person supplying labor or materials for the work under the contract, or persistently disregard instructions of the City or fail to observe or perform any provisions of the contract.

8. **City's Right to Proceed.**

In the event this contract is terminated pursuant to Paragraph 7, then the City may take over the work and prosecute the same to completion, by contract or otherwise, and Contractor and its sureties shall be liable to the City for any costs over the amount of this contract thereby occasioned by the City. In any such case, the City may take possession of, and utilize in completing the work, such materials, appliances and structures as may be on the work site and are necessary for completion of the work. The foregoing provisions are in addition to, and not in limitation of, the rights of the City under any other provisions of the contract, city ordinances, and state and federal laws.

9. **Indemnity.**

To the fullest extent permitted by law, the Contractor will indemnify and hold harmless the Engineer, Burns & McDonnell Engineering, Inc., the City, its elected and appointed officials, employees, and agents from and against any and all claims, damages, losses, and expenses including attorneys' fees arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom and (2) is caused in whole or in part by any negligent act or omission of contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this Paragraph.

10. **Payment for Labor and Materials.**

Contractor agrees and binds itself to pay for all labor done, and for all the materials used in the construction of the work to be completed pursuant to this contract. Contractor shall furnish to the City a bond to ensure the payment of all materials and labor used in the performance of this contract.

11. **Supplies.**

The Contractor is hereby authorized and directed to utilize the City's sales tax exemption in the purchase of goods and materials for the project as set out in Section 144.062 RSMo 1994 as amended. Contractor shall keep and maintain records and invoices of all such purchases which shall be submitted to the City.

12. **Payment.**

The City hereby agrees to pay Contractor the work done pursuant to this contract according to the payment schedule set forth in the Contract Documents upon acceptance of said work by the Director of Public Works, and in accordance with the rates and/or amounts stated in the bid of Contractor dated \_\_\_\_\_, 2021, which are by reference made a part hereof. No partial payment to Contractor shall operate as approval or acceptance of work done or materials furnished hereunder. The total amount of this contract shall not exceed \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

13. **Performance and Materialman's Bonds Required.**

Contractor shall provide a bond to the City before work is commenced, and no later than **fifteen (15) calendar days** after the execution of this contract, guaranteeing the Contractor's performance of the work bid for, the payment of amounts due to all suppliers of labor and materials, the payment of insurance premiums for workers compensation insurance and all other insurance called for under this contract, and the payment of the prevailing wage rate to all

Addendum No. 1

Project Plans Replacement Pages

**ACCESS AND SAFETY NOTES**

**GENERAL NOTES:**

1. THE SCOPE OF THIS PROJECT IS TO PERFORM APRON PAVEMENT MAINTENANCE.
2. THE PROJECT SHALL BE COMPLETED WITHIN 75 CALENDAR DAYS.
3. SEVEN (7) CALENDAR DAYS PRIOR TO THE PRECONSTRUCTION MEETING, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH THE PROJECT CONSTRUCTION SCHEDULE THAT SHALL IDENTIFY TASKS AND ANTICIPATED DATES FOR COMPLETION.
4. THE CONTRACTOR SHALL MAINTAIN ON THE SITE ONE SET OF REDLINE "AS CONSTRUCTED" DRAWINGS. THE SET SHALL BE DELIVERED TO THE OWNER NO LATER THAN SEVEN (7) CALENDAR DAYS AFTER THE FINAL INSPECTION.
5. THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE FEDERAL AVIATION ADMINISTRATION (FAA) AND THE MISSOURI DEPARTMENT OF TRANSPORTATION (MODOT).
6. THE COST OF TRAFFIC CONTROL ITEMS SHALL BE PAID FOR UNDER THE PAY ITEM TRAF-102-2.1 TRAFFIC CONTROL.
7. LIMITS OF WORK SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING ANY CONSTRUCTION WORK.
8. ALL WORK SHALL BE CONDUCTED IN A PROFESSIONAL WORKMANSHIP MANNER USING MATERIALS THAT MEET OR EXCEED THE CONTRACT SPECIFICATIONS.
9. THE CONTRACTOR SHALL CONTACT ALL ASSOCIATED UTILITY COMPANIES, THE OWNER, AND AGENCIES PRIOR TO COMMENCEMENT OF WORK FOR THE LOCATION OF UTILITIES.
10. THE LOCATIONS OF STRUCTURES AND UNDERGROUND UTILITIES AS INDICATED HAVE BEEN OBTAINED FROM EXISTING RECORDS AND PREVIOUS FIELD SURVEYS. UNDERGROUND STRUCTURES AND UTILITIES MAY BE PRESENT WHICH ARE NOT DOCUMENTED OR LOCATED. EXISTING UTILITIES SHOWN ON THE PLANS MAY NOT BE ACCURATE IN LOCATION, SIZE, AND TYPE OF MATERIAL, AND ARE NOT GUARANTEED TO BE ACCURATE.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD-VERIFY EXISTING STRUCTURES, UTILITIES, AND SURVEY INFORMATION, AND TO TAKE NECESSARY PRECAUTIONS DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL FIELD-CHECK ALL EXISTING CONDITIONS AND BE THOROUGHLY FAMILIAR WITH THE SITE BEFORE ANY WORK COMMENCES. ANY DISCREPANCIES IN THE DRAWINGS SHALL BE IMMEDIATELY REPORTED TO THE OWNER BEFORE ANY FURTHER WORK COMMENCES. IN THE EVENT AN UNEXPECTED UTILITY OR STRUCTURE INTERFERENCE IS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ITEMS NOT TO BE DAMAGED DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED OR DISTURBED ITEMS TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
13. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS INDICATED IN FEDERAL AVIATION ADMINISTRATION (FAA) ADVISORY CIRCULAR (AC) 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION (CURRENT EDITION) AND THE PROJECT CONSTRUCTION SAFETY AND PHASING PLAN (CSPP).
14. FOURTEEN CALENDAR DAYS PRIOR TO THE PRECONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) TO THE OWNER DESCRIBING HOW IT WILL COMPLY WITH THE REQUIREMENTS OF THE CSPP AND SUPPLYING ANY DETAILS THAT COULD NOT BE DETERMINED BEFORE CONTRACT AWARD. THE SPCD MUST INCLUDE A CERTIFICATION STATEMENT BY THE CONTRACTOR THAT INDICATES THEY UNDERSTAND THE REQUIREMENTS OF THE CSPP AND ASSERTS THEY WILL NOT DEVIATE FROM THE APPROVED CSPP AND SPCD WITHOUT WRITTEN APPROVAL FROM THE OWNER. REFER TO SECTION VIII, SHEET G-004.

**I. COORDINATION AND COMMUNICATION**

1. CONTRACTOR SHALL APPOINT A PRIMARY CONSTRUCTION SUPERINTENDENT, SUBJECT TO THE APPROVAL OF THE OWNER, WHO SHALL BE PRESENT ON THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS AND ACCESSIBLE AT ALL TIMES WHILE WORK IS IN PROGRESS. THE PRIMARY CONSTRUCTION SUPERINTENDENT SHALL BE DESIGNATED THE RESPONSIBLE CONTRACTOR'S REPRESENTATIVE WHO SHALL BE AVAILABLE ON A 24-HOUR BASIS. WHEN THE CONTRACTOR'S PRIMARY CONSTRUCTION REPRESENTATIVE IS NOT AVAILABLE ON THE CONSTRUCTION SITE, AN ALTERNATE REPRESENTATIVE SHALL BE PROVIDED. CONTRACTOR SHALL PROVIDE NAMES AND CONTACT INFORMATION OF REPRESENTATIVES TO THE OWNER PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONSTANT COORDINATION BETWEEN ANY SUBCONTRACTORS AND THE OWNER. ALL CONSTRUCTION ACTIVITIES PLANNED BY THE CONTRACTOR SHALL BE REVIEWED AND APPROVED BY THE OWNER.
3. THE FOLLOWING CONTACT INFORMATION IS PROVIDED FOR CONTRACTOR'S USE IN CASE OF AN EMERGENCY:
 

a. EMERGENCY	911
b. JEFFERSON CITY POLICE DEPARTMENT	573-634-6000
c. JEFFERSON CITY FIRE DEPARTMENT	573-634-6401
d. AIRPORT MANAGER	573-634-6469
e. FAA TECH OPS	573-875-5310

**II. ACCESS AND STAGING**

1. ACCESS AND HAUL ROUTES FOR ALL CONTRACTOR PERSONNEL, VEHICLES, EQUIPMENT, AND DELIVERIES ARE ILLUSTRATED ON THE ACCESS AND SAFETY PLAN AND ARE SUBJECT TO THE APPROVAL OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-SITE HAUL ROUTES WITH THE APPROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. ACCESS ROUTES AND HAUL ROUTES ARE SUBJECT TO CHANGE AT THE DISCRETION OF THE OWNER AND MAY CHANGE BASED ON OPERATIONAL REQUIREMENTS OF THE AIRPORT.
2. CONTRACTOR SHALL COORDINATE ACTIVITIES AND MAINTAIN ALL ACCESS AND HAUL ROUTES IN A MANNER THAT ALLOWS UNOBSTRUCTED EMERGENCY ACCESS TO ALL PROJECT AREAS, AIRPORT AREAS, AND EXISTING ROADWAYS AT ALL TIMES WITHOUT DELAY TO EMERGENCY AND SECURITY VEHICLE RESPONSE TIME.
3. IF ANY EMERGENCY ROUTES REQUIRE CLOSURE DUE TO CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL NOTIFY THE OWNER AND EMERGENCY SERVICES OF THE CLOSURE.
4. CONTRACTOR SHALL MAINTAIN ACCESS AND HAUL ROUTES TO BE FREE FROM DEBRIS CAUSED FROM CONSTRUCTION ACTIVITIES ON A DAILY BASIS.
5. CONTRACTOR SHALL RESTRICT ALL OPERATIONS TO AREAS WITHIN THE CONSTRUCTION LIMITS UNLESS COORDINATED OTHERWISE WITH THE OWNER.
6. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING A STAGING AND STOCKPILE AREA FOR MATERIALS AND EQUIPMENT. LOCATION OF CONTRACTOR'S STAGING SHALL BE AS ILLUSTRATED ON THE ACCESS AND SAFETY PLAN. CONTRACTOR MAY SUBMIT ALTERNATIVES TO THE STAGING AREA LOCATIONS AS SHOWN TO THE OWNER FOR APPROVAL. CONTRACTOR'S STAGING AREA IS SUBJECT TO CHANGE AT THE DISCRETION OF THE OWNER AND MAY CHANGE BASED ON OPERATIONAL REQUIREMENTS OF THE AIRPORT.
7. WHEN NOT ENGAGED IN CONSTRUCTION ACTIVITIES, CONTRACTOR'S EQUIPMENT AND VEHICLES SHALL BE PARKED IN THE STAGING AREA.
8. CONTRACTOR SHALL PROVIDE AND INSTALL AT THE CONSTRUCTION ENTRANCE A PROFESSIONALLY PAINTED SIGN, MEETING THE OWNER'S APPROVAL, TO DIRECT MATERIAL SUPPLIERS, EMPLOYEES, AND DELIVERIES TO THE CONSTRUCTION SITE. THE SIGN SHALL READ "CONSTRUCTION VEHICLES ONLY - NO VENDORS ALLOWED." THE CONTRACTOR IS SOLELY RESPONSIBLE FOR HAUL ROUTE SIGNAGE AND DIRECTING SUPPLIERS AND MATERIALS TO THE SITE. IF ADDITIONAL COORDINATION/DIRECTIONAL SIGNAGE IS REQUIRED, THE CONTRACTOR SHALL INSTALL SIGNAGE TO THE SATISFACTION OF, AND AT NO ADDITIONAL COST TO, THE OWNER. THIS ITEM IS SUBSIDIARY TO PAY ITEM C-105-6.1, MOBILIZATION.
9. ALL CONTRACTOR VEHICLES AND PERSONNEL ARE SUBJECT TO SEARCH BY AIRPORT WHEN ENTERING THE AIRPORT AND MAY EXPERIENCE DELAYS. ALL PERSONNEL MUST HAVE A CURRENT AND VALID PHOTO IDENTIFICATION PER AIRPORT SECURITY REQUIREMENTS, AND ALL VEHICLES MUST HAVE CURRENT AND VALID REGISTRATION AND INSURANCE.
10. ACCESS POINTS, HAUL ROUTES, STAGING AREA, AND ANY OTHER AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITION OR BETTER TO THE SATISFACTION OF THE OWNER.

**III. TRAFFIC CONTROL**

1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CORDON OFF THE CONSTRUCTION WORK AREA AND ASSOCIATED ROADWAYS AND AIRFIELD AREAS BY USING BARRICADES AND SIGNS, APPROVED BY THE OWNER.
2. ALL CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE MARKED WITH COMPANY DESIGNS, INSIGNIAS, OR OTHER MARKINGS, WHICH ARE CLEARLY VISIBLE. CONTRACTOR SHALL PROVIDE EACH VEHICLE WITH A FLAG ATTACHED TO THE VEHICLE WHICH SHOULD BE AT LEAST 3 FEET SQUARE HAVING INTERNATIONAL ORANGE AND WHITE CHECKERED PATTERN SO THAT THE FLAG IS EASILY VISIBLE. SEE DETAIL 3 ON DRAWING G-004.
3. CONSTRUCTION EQUIPMENT SHALL HAVE AUTOMATIC SIGNALING DEVICES TO SOUND AN ALARM WHEN MOVING IN REVERSE.
4. ONLY RUBBER-TIRE VEHICLES WILL BE ALLOWED ON EXISTING PAVEMENT-TO-REMAIN.
5. NO PEDESTRIAN TRAFFIC SHALL BE ALLOWED INSIDE THE CONSTRUCTION LIMITS.
6. PRIOR TO THE REMOVAL OF BARRICADES AND TRAFFIC CONTROL DEVICES, THE CONTRACTOR SHALL REQUEST THE OWNER TO SCHEDULE AN INSPECTION.
7. CONTRACTOR SHALL ATTEND ANY OWNER-MANDATED VEHICLE OPERATOR TRAINING OR FOREIGN OBJECT DEBRIS (FOD) CONTROL TRAINING COURSE.
8. ANY DAMAGE TO ROADS AND PAVEMENTS-TO-REMAIN DUE TO CONSTRUCTION EQUIPMENT OR TRAFFIC SHALL BE REPAIRED TO RESTORE THE ROADS AND PAVEMENTS TO THEIR PRE-CONSTRUCTION CONDITION TO THE SATISFACTION OF THE OWNER.

**IV. AIRFIELD OPERATIONS COORDINATION**

1. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS INDICATED IN FAA AC 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.
2. CONTRACTOR SHALL NOT ACCESS THE AIRPORT OPERATIONS AREA (AOA) WITHOUT CLEARANCE FROM THE OWNER AND ATCT, AND SHALL CONDUCT WORK IN SUCH A MANNER TO ENSURE A MINIMUM HINDRANCE TO AVIATION OPERATIONS. CONTRACTOR SHALL PROVIDE A MINIMUM NOTICE OF SEVEN (7) CALENDAR DAYS TO THE OWNER FOR ACCESS TO THE AOA. PEDESTRIAN TRAFFIC SHALL NOT BE ALLOWED IN THE AOA. PRIVATELY-OWNED VEHICLES MAY BE PERMITTED TO PARK IN THE CONTRACTOR'S STAGING AREA AT THE CONTRACTOR'S SOLE RISK.
3. CONTRACTOR SHALL MAINTAIN RADIO CONTACT WITH ATCT AT ALL TIMES DURING WORK ON THIS PROJECT. CONTRACTOR SHALL FURNISH HIS OWN 2-WAY RADIOS AND MAY BE REQUIRED TO COMPLETE A TRAINING SESSION ON RADIO USAGE TO BE CONDUCTED BY AIRPORT OPERATIONS. COMMON TRAFFIC ADVISORY FREQUENCY (CTAF) FOR THE AIRPORT IS 125.6.
4. CONSTRUCTION ACTIVITIES MAY REQUIRE CONTRACTOR TO CROSS ACTIVE AIRFIELD AREAS AND AREAS WHERE AIRCRAFT OPERATIONS ARE TAKING PLACE. THESE ACTIVITIES SHALL BE COORDINATED WITH THE OWNER AND ATCT. CONTRACTOR SHALL CONTINUOUSLY MONITOR AIRCRAFT TRAFFIC ON AND AROUND THE AIRPORT BY RADIO. CONTRACTOR IS REQUIRED TO STOP AT ALL AIRFIELD SAFETY AREAS, MONITOR LOCAL RADIO AND CHECK FOR AIRCRAFT OPERATIONS, AND PROCEED ACROSS AIRFIELD ONLY IF AIRCRAFT ARE NOT OPERATING. IF AIRCRAFT ARE OPERATING OR ARE ON APPROACH TO AIRPORT, CONTRACTOR IS REQUIRED TO SUSPEND OPERATIONS, MOVE PERSONNEL, EQUIPMENT, AND MATERIALS TO A SAFE LOCATION OUTSIDE OF THE AIRFIELD SAFETY AREA, AND STAND BY UNTIL AIRCRAFT USE IS COMPLETED.
5. CONSTRUCTION ACTIVITY AFFECTING AIRCRAFT MOVEMENT AREAS AND AIRFIELD SAFETY REQUIREMENTS SHALL BE COORDINATED WITH THE OWNER. NO AIRCRAFT OPERATIONS AREA SHALL BE CLOSED WITHOUT APPROVAL FROM THE OWNER.
6. NOTAMS WILL BE ISSUED BY THE OWNER AND IN ACCORDANCE WITH AC 150/5370-2G OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION, AND AC 150/5200-28F NOTICES TO AIRMEN FOR AIRPORT OPERATORS. ALL NOTAMS SHALL BE COORDINATED BY THE CONTRACTOR WITH OWNER. NOTAMS SHALL BE ISSUED FOR RUNWAY CLOSURES, TAXIWAY CLOSURES, AND FOR CONSTRUCTION EQUIPMENT. THE NOTAM INFORMATION SHALL INCLUDE PORTIONS OF THE AIRFIELD THAT ARE CLOSED OR DISPLACED, THE DATE AND TIME OF THE BEGINNING AND ENDING OF WORK, AND THE DURATION OF THE WORK.
7. CONTRACTOR SHALL PROVIDE A MINIMUM NOTICE OF 72 HOURS TO OWNER REGARDING THE NEED FOR NOTAMS. CONTRACTOR SHALL NOT COMMENCE WORK ACTIVITIES ON AIRFIELD AREAS UNTIL APPROPRIATE NOTAMS HAVE BEEN ISSUED TO IDENTIFY WORK ACTIVITIES.
8. CONTRACTOR OPERATIONS SHALL NOT IMPACT NAVIGATIONAL AIDS (NAVAIDS).
9. CONTRACTOR SHALL PROTECT FROM DAMAGE ALL NAVIGATIONAL AID (NAVAID) EQUIPMENT AND ALL ASSOCIATED STRUCTURES AND UTILITIES. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER IF CONSTRUCTION ACTIVITY DISRUPTS NAVAID EQUIPMENT.
10. RUNWAY SAFETY AREA AND TAXIWAY OBJECT FREE AREA LIMITS SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR TO SERVE AS AN AID TO KEEP EQUIPMENT AND PERSONNEL FROM INADVERTENTLY ENTERING THESE AREAS.
11. ALL CONSTRUCTION AREAS THAT POSE A HAZARD TO OPERATING AIRCRAFT SHALL BE PROPERLY MARKED WITH LOW-PROFILE BARRICADES. ALL BARRICADES LOCATED WITHIN OR ADJACENT TO AIRCRAFT OPERATIONS AREAS SHALL BE LOW-PROFILE TYPE WITH ORANGE MARKINGS AND RED FLASHING LIGHTS. LOW PROFILE BARRICADES SHALL BE KEPT OUTSIDE THE LIMITS OF ANY ACTIVE AIRFIELD SAFETY AREA. SEE LOW-PROFILE BARRICADE DETAIL ON DRAWING G-004.
12. DEBRIS, WASTE, AND LOOSE MATERIALS CAPABLE OF CAUSING DAMAGE TO AIRCRAFT AND HELICOPTER LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES, SHALL NOT BE LEFT WITHIN ACTIVE AOA. CONTRACTOR IS REQUIRED TO IMMEDIATELY CLEAN ANY DEBRIS CARRIED ONTO AIRFIELD FROM CONTRACTOR'S EQUIPMENT OR OPERATIONS TO PREVENT FOREIGN OBJECT DAMAGE (FOD). MATERIAL DROPPED WITHIN THESE AREAS SHALL BE CONTINUOUSLY REMOVED BY SURFACE SWEEPERS OR OTHER APPROVED METHODS DURING WORKING HOURS. CONSTRUCTION FENCE MAY BE REQUIRED TO FULFILL THIS RESPONSIBILITY. STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT RESULTING FROM WIND, AIRCRAFT PROPWASH, OR JET BLAST.
13. ANY DAMAGE TO EXISTING AIRFIELD LIGHTING, AIRCRAFT NAVIGATIONAL AIDS (NAVAIDS), OR AIRFIELD PAVEMENTS-TO-REMAIN DUE TO CONSTRUCTION SHALL BE COMMUNICATED TO THE OWNER AND SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.

Scale For Microfilming  
Millimeters  
Inches

no.	date	by	ckd	description
0	01/07/21	TJD	RJR	ISSUED FOR BID
1	02/05/21	TJD	RJR	ADDENDUM NO. 1

**FOR BID - NOT FOR CONSTRUCTION**

**BURNS & MCDONNELL**  
 9400 WARD PARKWAY  
 KANSAS CITY, MO 64114  
 816-333-9400  
 Burns & McDonnell Engineering Co, Inc.  
 LICENSEE NO. 000165

date	9-22-2020	detailed	B. HEADY
designed	T. DOWSE	checked	R. RYAN



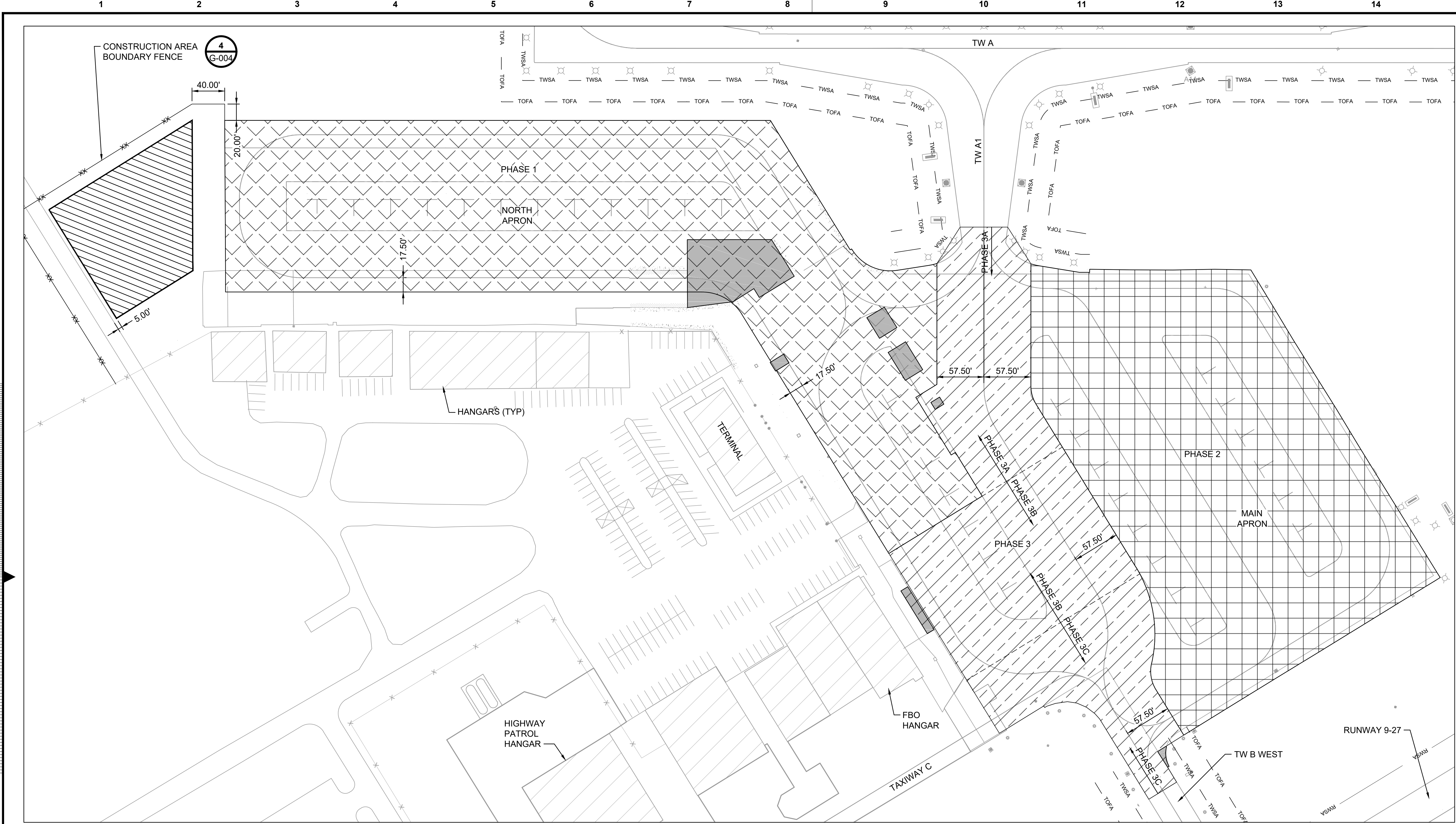
City of Jefferson, MO  
**APRON MAINTENANCE PROJECT**  
 ACCESS AND SAFETY NOTES

project	127371	MoDOT No.	20-040B-1
drawing	<b>G-003</b>	rev.	<b>1</b>
sheet	4	of	19 sheets
file 127371g-001.dwg			



THOMAS DOWSE  
 PROFESSIONAL ENGINEER  
 PE-2015016989

no.	date	by	ckd	description
0	01/07/21	TJD	RJR	ISSUED FOR BID
1	02/05/21	TJD	RJR	ADDENDUM NO. 1



Millimeters  
Scale For Microfilming  
Inches

**LEGEND:**

- PHASE 1 WORK AREA (28 CALENDAR DAYS)
- PHASE 2 WORK AREA (7 CALENDAR DAYS)
- PHASE 3 WORK AREA (3A: 14 CALENDAR DAYS; 3B: 14 CALENDAR DAYS; 3C: 12 CALENDAR DAYS)
- STAGING AND LAYDOWN AREA
- PAVEMENT REMOVAL AREAS

- RUNWAY SAFETY AREA
- TAXIWAY SAFETY AREA
- TAXIWAY OBJECT FREE AREA

**OVERALL PHASING PLAN**

0 60' 120'

SCALE IN FEET

NORTH

**NOTES:**

- PHASES 1, 2, AND 3 SHALL NOT BE COMPLETED CONCURRENTLY.
- SUBPHASES 3A, 3B, AND 3C SHALL NOT BE COMPLETED CONCURRENTLY.

**FOR BID - NOT FOR CONSTRUCTION**

**BURNS McDONNELL**

9400 WARD PARKWAY  
KANSAS CITY, MO 64114  
816-333-9400  
Burns & McDonnell Engineering Co., Inc.  
LICENSEE NO. 000165

date	9-22-2020	detailed	B. HEADY
designed	T. DOWSE	checked	R. RYAN



**APRON MAINTENANCE PROJECT**  
OVERALL PHASING PLAN

project	127371	MoDOT No.	20-040B-1
drawing	<b>G-100 - 1</b>		rev.
sheet	6	of	19 sheets
file	127371g-100.dwg		

02/05/2021

THOMAS DOWSE  
PROFESSIONAL ENGINEER  
PE-2015016989

Addendum No. 1

Plan Holder List as of February 5, 2021

**Plan Holder List for 'Apron Pavement Maintenance - Jefferson City Memorial Airport - Jefferson City, MO'**

[Show Classifications](#)

<b>Company Information</b>	<b>CSI Codes</b>	<b>Contact Information</b>	<b>Status Date Filled Date Returned</b>	<b>Delivery Method Tracking Number</b>	<b>Sets Issued</b>
Builders Association - Jefferson City 3632 West Truman Blvd Jefferson City, MO 65109	00005 - Planroom	Becky Mitchell Phone: (573) 893-3307 Fax: (573) 893-6176	Filled 01/25/2021	Download - N/A (Downloads or Other)	002
Dodge Data & Analytics 4300 Beltway Place Ste 150 Arlington, TX 76018	00005 - Planroom	Jaya lakshmi Phone: (413) 376-7032 Fax: (609) 336-2767	Filled 01/27/2021	Download - N/A (Downloads or Other)	007
Don Schnieders Excavating Company Inc. 1307 Fairgrounds Rd. Jefferson City, MO 65109	31000 - Division 31 - Earthwork	Donald Rhea Phone: (573) 893-2251 Fax: (573) 893-7749	Filled 02/03/2021	Download - N/A (Downloads or Other)	011
Emery Sapp & Sons Inc. - Columbia 2301 I-70 Drive NW Columbia, MO 65202	01000 - Division 1 - General Requirements	Angie Regan Phone: (573) 445-8331 Fax: (573) 445-0266	Filled 01/26/2021	Download - N/A (Downloads or Other)	006
ePlan Online Planroom 1400 Forum Blvd Ste 7B Columbia, MO 65203	00005 - Planroom	Amber Cox Phone: (573) 447-7130 Fax: (573) 355-5404	Filled 01/25/2021	Download - N/A (Downloads or Other)	003
Fahrner Asphalt Sealers, LLC 7680 Commerce Park Section C Dubuque, IA 52002	00001 - Construction Manager	Brian Cox Phone: (563) 556-6231 Fax: (563) 588-1240	Filled 01/25/2021	Download - N/A (Downloads or Other)	004
GDS, LLC 901 N. 11th St. St. Joseph, MO 64501	00001 - Construction Manager	Fritz Ambrozi Phone: (816) 729-1133 Fax: (816) 364-1111	Filled 01/28/2021	Download - N/A (Downloads or Other)	009
Interstate Sealant & Concrete, Inc S40W24211 Rockwood Way Waukesha, WI 53189	32000 - Division 32 - Exterior Improvements	Sean Leppert Phone: (262) 547-6316 Fax: (262) 547-6844	Filled 01/25/2021	Download - N/A (Downloads or Other)	001
Sam Gaines Construction, INC. 3205 County Rd. 452 New Bloomfield, MO 65063	03000 - Division 3 - Concrete	Bryant Gaines Phone: (573) 295-6157 Fax: (573) 295-4205	Filled 01/29/2021	Ship - Ground Shipping (\$25.00)	010
The Blue Book Building & Construction Network 800 E. Main Street Jefferson Valley, NY 10535	00005 - Planroom	Mary O'Connor Phone: (914) 245-0200 Fax: (914) 243-4936	Filled 01/28/2021	Download - N/A (Downloads or Other)	008
Wall Asphalt Services 219 Candlewood Dr Carrollton, GA 30117	00001 - Construction Manager	Jon Wall Phone: (770) 459-2215 Fax: (770) 459-2215	Filled 01/26/2021	Download - N/A (Downloads or Other)	005