

May 21, 2021

To: Plan Holders for Improvements to the
Monett Regional Airport
Pierce City, Missouri
MoDOT Project No. 21-098B-1

Transmitted herewith is Addendum **No. 3** to the Issued for Bid Contract Documents, Specifications and Plans dated April 28, 2021 for Improvements to the Monett Regional Airport.

Schedule I – Paving and Grading for the Relocation of Runway 18/36, Taxiway Extension, and Taxiway Connectors

Schedule II – Lighting and Pavement Markings to Revise Existing Runway to a Parallel Taxiway

Schedule III – Install New Medium Approach Lighting System (MALSR)

As a reminder, bids are due Wednesday, May 26, 2021 at 1:00 PM.

Sincerely,

Jviation, A Woolpert Company



Mark Lovato, P.E.
Project Manager



**ADDENDUM NO. 3
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
MONETT REGIONAL AIRPORT
PIERCE CITY, MISSOURI
MODOT PROJECT NO. 21-098B-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 May 21, 2021:

1. CONTRACT DOCUMENTS/SPECIFICATIONS

Contract Documents.

Sections:

- Invitation For Bids – **Bid Conditions.** Fifth Paragraph.
- Section 1 Page 1-3 – **Contract Time.** First Paragraph.
- Section B Page B-3 – **Item G.** First Paragraph.
- Section B Page B-33 – **Article 5 - Contract Time.** First Paragraph.

Revision: Changed total project time to 165 Calendar Days

Justification: 30 Calendar Days were added to Phase 1.

Sections:

- Section 3 Page 3-40 – **80-08 FAILURE TO COMPLETE ON TIME.** Phasing Table.

Revision: Changed Phase 1 project time to 120 Calendar Days

Justification: 30 Calendar Days were added to Phase 1.

Sections: Section 4 Part D Federal and State Wage Rates

Revision: Updated Local Wage Rates

Justification: Updating Wage Rates for Barry County which were updated on May 12, 2021.

2. PLANS

G052 (22 of 185) – Schedule updated to reflect 165 total Calendar Days

G055 (24 of 185) – Phase 1 Construction Phasing Notes updated to show Phase 1 with 120 Calendar Days.

G054 (24 of 185) – Phase 1 Construction Phasing Notes updated to show Phase 1 with 120 Calendar Days.

Justification: An Additional 30 Calendar Days was added to Phase 1 of the project.

E251 (173 of 185) - Electrical Details - Add note to Detail 4 as shown in attached sheet.

Justification: The Contractor shall be able to plow in Schedule 40 HDPE as an option to the 2" conduit direct burial installation.

E300 (179 of 185) - MALS SR Plan and Profile - Add notes to plan as shown in attached sheet.

Justification: Addition clarification notes were added for the MALS SR installation work item.

3. **QUESTIONS**

1. Can you unlock the plans?

a. We will not unlock the plans or specifications. In the past contractors have had success printing and scanning the sheets to get a PDF that works better with their software.

2. Is temporary paint called out in the specific phases?

a. The new runway temporary paint will be completed in Phase 1, the new Taxiway B temporary paint will be completed in Phase 2.

3. Schedule II Permanent Paint Quantity seems to be 20,000 SF high, is this correct?

a. There is some contingency in the paint. It is anticipated that most of the paint quantity will be utilized on the project.

4. Will the existing runway return to a runway after phase 2?

a. The existing runway will be converted to Taxiway B in Phase 2 and will remain Taxiway B.

5. Will there be additional time if the Bid Alternate for 8-inches is chosen?

a. No additional time will be given for Bid Alternate No. 1. An Additional 30 Calendar Days was added with this addendum for Schedule I.

6. Are any of the trees to be removed in the drainage ways?

a. All of the trees in the drainage ways will be removed with the current project going on. The additional trees to be removed with this project are outside of any drainage ways.

7. I count one more 3 module sign than what is on the sign schedule, is this correct?

a. We double checked the signs and the quantities appear to be correct.

8. Can PVC be replaced with polypipe?

a. The Contractor will have the option to plow in Schedule 40 HDPE for the direct buried conduit for this project.

9. The plans call out "PVC" pipe specifically for the underdrain installed on the project, but the specifications do not. Would you allow the use of other pipe materials such as ADS N-12 for the underdrain on this project?

a. All material must meet FAA specifications and standards. PVC is required where called for.

10. The 3 mobilization pay items have a 10% max and the specifications just say 10% max of total job Could you confirm whether those Mob's are limited to 10% of each respective schedule or the job total?

a. Mobilization for the total project is limited to a max of 10%. Mobilizations will be paid out per their respective schedules.

11. Can we use a computer generated bid sheet for the bid?

a. We are providing our bid sheets in excel format. The bidder is responsible for all formulas and calculations. Any bid that is incomplete or wrong may be considered invalid.

12. Item D-751e is shown with quantity of 2-EA and Items D-751c & d only have a quantity 1-EA. However, the Plans call for 2-EA of each of the latter-mentioned bid items and the Plans do not appear to indicate which inlets should be relocated or where they should be relocated to. Can you clarify?

a. The Existing Inlet #1 (Double Inlet Aircraft Rated) and Existing Inlet #2 (Triple Inlet Aircraft Rated) will be relocated within the project (see sheets C500 and C502). Flared End Section #1 will be

replaced with a new Triple Inlet Aircraft Rated and Flared End Section # 2 will be replaced with a new Double Inlet Aircraft Rated. (See sheets C501 and C503).

**** END OF ADDENDUM NO. 3****

REQUEST FOR BIDS/INVITATION FOR BIDS

Monett Regional Airport Pierce City, Missouri State Block Grant Project No. 21-098B-1

Sealed bids will be received until 1:00 p.m., Wednesday, May 26, 2021, and then publicly opened and read by the City of Monett at Monett City Hall, 217 Fifth Street, Monett, MO 65708 in the Council Chambers, for furnishing all labor, materials and equipment and performing all work necessary to

Schedule I - Paving and Grading for Relocation of Runway 18/36, Taxiway Extension and Taxiway Connectors
Schedule II - Lighting and Pavement Markings to Revise Existing Runway to a Parallel Taxiway
Schedule III - Install New Medium Approach Lighting System

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 April 28, 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 bidinfo@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 Wednesday, May 12, 2021 at 1:00 p.m., at Main Conference Room. All bidders are required to examine the site to become familiar with all site conditions.

Bid Conditions. The bidder is required to provide all information as required within the Contract Documents. The bidder is required to bid on all items of every schedule or as otherwise detailed in the Instructions to Bidders.

Each proposal must be accompanied by a bid guaranty in the amount of five (5) percent of the total amount of the bid. The bid guaranty may be by certified check or bid bond made payable to City of Monett.

Bids may be held by City of Monett for a period not to exceed 120 calendar days from the date of the bid opening for the purpose of evaluating bids prior to award of contract.

The right is reserved, as City of Monett may require, to reject any and all bids and to waive any informality in the bids received.

Construction for this project is expected to take 165 Calendar Day(s).

In accordance with the Davis-Bacon Act, and the Missouri Prevailing Wage Law, the Contractor will be required to comply with the wage and labor requirements and to pay minimum wages in accordance with the schedule of wage rates established by the United States Department of Labor and the Missouri Division of Labor Standards, respectively. The highest rate between the two (Federal and State) for each job classification shall be considered the prevailing wage.

| | | | | | |
|--------|--|----|----|----|---|
| L-125d | Install LED L-861T Taxiway Edge Light in Existing Pavement, Complete | EA | 6 | 85 | 0 |
| L-125e | Install LED L-862 Runway Edge Light, Complete | EA | 60 | 0 | 0 |
| L-125f | Install LED L-862E Runway Threshold Light, Complete | EA | 16 | 0 | 0 |
| L-125g | Remove L-858 Guidance Sign, Complete | EA | 8 | 0 | 0 |
| L-125h | Install LED L-858 Guidance Sign, 2 Module | EA | 11 | 0 | 0 |
| L-125i | Install LED L-858 Guidance Sign, 3 Module | EA | 20 | 0 | 0 |
| L-125j | Install LED L-858 Guidance Sign, 4 Module | EA | 1 | 0 | 0 |
| L-125k | Install LED L-858 Guidance Sign, RDR | EA | 5 | 0 | 0 |
| L-125l | Remove REIL System, Complete | EA | 2 | 0 | 0 |
| L-125m | Install LED L-849I REIL System, Style E, Complete | EA | 1 | 0 | 0 |
| L-125n | Remove PAPI System, Complete | EA | 2 | 0 | 0 |
| L-125o | Install LED L-880 PAPI System, Style B, Complete | EA | 2 | 0 | 0 |
| L-125p | Remove MALSF System, Complete | LS | 1 | 0 | 0 |
| L-125q | Install MALSR System, Complete | LS | 0 | 0 | 1 |
| L-125r | Spare Parts for Airport Visual Aids (Unit Cost Fixed at \$10,000.00) | LS | 1 | 0 | 0 |
| L-125s | Remove Stake Mounted Retroreflective Marker, Complete | EA | 12 | 0 | 0 |
| L-125t | Reinstall Stake Mounted Retroreflective Marker, Complete | EA | 1 | 0 | 0 |

Contract Time. The owner has established a contract perform time of 165 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 Monett, 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 awarded, including only a single Schedule. The numbering of the Schedules or Bid Alternates does not necessarily indicate the order of award.

ordinances. No provision of this article shall be construed as entitling the Contractor to compensation for delays due to inclement weather or for any other delay provided for in the contract, plans, or specifications.

If it becomes necessary to suspend work for an indefinite period, the Contractor shall store all materials in such manner that they will not become an obstruction nor become damaged in any way. The Contractor shall take every precaution to prevent damage or deterioration of the work performed and provide for normal drainage of the work. The Contractor shall erect temporary structures where necessary to provide for traffic on, to, or from the airport.

80-07 DETERMINATION AND EXTENSION OF CONTRACT TIME. The number of calendar days shall be stated in the proposal and contract and shall be known as the Contract Time.

If the contract time requires extension for reasons beyond the Contractor's control, it shall be adjusted as follows:

CONTRACT TIME BASED ON CALENDAR DAYS. Contract Time based on calendar days shall consist of the number of calendar days stated in the contract counting from the effective date of the Notice to Proceed and including all Saturdays, Sundays, holidays, and non-work days. All calendar days elapsing between the effective dates of the Owner's orders to suspend and resume all work, due to causes not the fault of the Contractor, shall be excluded.

At the time of final payment, the contract time shall be increased in the same proportion as the cost of the actually completed quantities bears to the cost of the originally estimated quantities in the proposal. Such increase in the contract time shall not consider either cost of work or the extension of contract time that has been covered by a change order or supplemental agreement. Charges against the contract time will cease as of the date of final acceptance.

80-08 FAILURE TO COMPLETE ON TIME. For each calendar day or working day, as specified in the contract, that any work remains uncompleted after the contract time (including all extensions and adjustments as provided in the paragraph 80-07, *DETERMINATION AND EXTENSION OF CONTRACT TIME*, 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 or 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 their contract.

| Phase | Liquidated Damages Cost | Allowed Construction Time |
|---------|-------------------------|---------------------------|
| Phase 1 | \$750/Calendar Day(s) | 120 Calendar Days |
| Phase 2 | \$750/Calendar Day(s) | 30 Calendar Days |
| Phase 3 | \$750/Calendar Day(s) | 15 Calendar Days |

The maximum construction time allowed for Schedules I, II and III will be the sum of the time allowed for individual schedules but not more than 135 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 their 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 and/or materials to assure completion of work in accordance with the terms of the contract, or

ACKNOWLEDGEMENTS BY BIDDER

- a. By submittal of a proposal, the BIDDER acknowledges and accepts that the quantities established by the OWNER are an approximate estimate of the quantities required to fully complete the Project and that the estimated quantities are principally intended to serve as a basis for evaluation of bids. The BIDDER further acknowledges and accepts that payment under this contract will be made only for actual quantities and that quantities will vary in accordance with the General Provisions subsection entitled "Alteration of Work and Quantities".
- b. The BIDDER acknowledges and accepts that the Bid Documents are comprised of the documents identified within the General Provisions. The BIDDER further acknowledges that each the individual documents that comprise the Bid Documents are complementary to one another and together establishes the complete terms, conditions and obligations of the successful BIDDER.
- c. As evidence of good faith in submitting this proposal, the undersigned encloses a bid guaranty in the form of a certified check, cashier's check or bid bond in the amount of 5% of the bid price. The BIDDER acknowledges and accepts that refusal or failure to accept award and execute a contract within the terms and conditions established herein will result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- d. The BIDDER acknowledges and accepts the OWNER'S right to reject any or all bids.
- e. The BIDDER acknowledges and accepts the OWNER'S right to hold all Proposals for purposes of review and evaluation and not issue a notice-of-award for a period not to exceed 120 calendar days from the stated date for receipt of bids.
- f. The undersigned agrees that upon written notice of award of contract, he or she will execute the contract within thirty (30) days of the notice-of-award, and furthermore, and provide executed payment and performance bonds within thirty (30) days from the date of contract execution. The undersigned accepts that failure to execute the contract and provide the required bonds within the stated timeframe shall result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- g. Time of Performance: By submittal of this proposal, the undersigned acknowledges and agrees to commence work within ten (10) calendar days of the date specified in the written "Notice-to-Proceed" as issued by the OWNER. The undersigned further agrees to complete the Project within 165 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 \$750 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 8.00 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 city 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.

876 **Article 3 – Contract Price**

877 In consideration of the faithful performance and completion of the Work by the CONTRACTOR in
878 accordance with the Contract Documents, OWNER shall pay the CONTRACTOR an amount equal to:

880 _____
881 (Amount in Written Words)

880 _____
881 (Amount in Numerals)

882 subject to the following;

- 883
- 884
- 885 **a.** Said amount is based on the schedule of prices and estimated quantities stated in
886 CONTRACTOR'S Bid Proposal, which is attached to and made a part of this Agreement;
- 887
- 888 **b.** Said amount is the aggregate sum of the result of the CONTRACTOR'S stated unit prices
889 multiplied by the associated estimated quantities;
- 890
- 891 **c.** CONTRACTOR and OWNER agree that said estimated quantities are not guaranteed and that
892 the determination of actual quantities is to be made by the OWNER'S ENGINEER;
- 893
- 894 **d.** Said amount is subject to modification for additions and deductions as provided for within the
895 Contract General Provisions.
- 896

897 **Article 4 – Payment**

898 Upon the completion of the work and its acceptance by the OWNER, all sums due the CONTRACTOR by
899 reason of faithful performance of the work, taking into consideration additions to or deductions from the
900 Contract price by reason of alterations or modifications of the original Contract or by reason of "Extra Work"
901 authorized under this Contract, will be paid to the CONTRACTOR by the OWNER after said completion and
902 acceptance.

903

904 The acceptance of final payment by the CONTRACTOR shall be considered as a release in full of all claims
905 against the OWNER, arising out of, or by reason of, the work completed and materials furnished under this
906 Contract.

907

908 OWNER shall make progress payments to the CONTRACTOR in accordance with the terms set forth in the
909 General Provisions. Progress payments shall be based on estimates prepared by the ENGINEER for the value
910 of work performed and materials completed in place in accordance with the Contract Drawings and
911 Specifications. Progress payments are subject to retainage requirements as set forth in the General Provisions.

912

913 **Article 5 – Contract Time**

914 The CONTRACTOR agrees to commence work within ten (10) calendar days of the date specified in the
915 OWNER'S Notice-to-Proceed. CONTRACTOR further agrees to complete said work within 165 calendar
916 days of the commencement date stated within the Notice-to-Proceed.

917

918 It is expressly understood and agreed that the stated Contract Time is reasonable for the completion of the
919 Work, taking all factors into consideration. Furthermore, extensions of the Contract Time may only be
920 permitted by execution of a formal modification to this Contract Agreement in accordance with the General
921 Provisions and as approved by the OWNER.

922

923 **Article 6 – Liquidated Damages**

924 The CONTRACTOR and OWNER understand and agree that time is of essence for completion of the Work
925 and that the OWNER will suffer additional expense and financial loss if said Work is not completed within the
926 authorized Contract Time. Furthermore, the CONTRACTOR and OWNER recognize and understand the
927 difficulty, delay, and expense in establishing the exact amount of actual financial loss and additional expense.
928 Accordingly, in place of requiring such proof, the CONTRACTOR expressly agrees to pay the OWNER as
929 liquidated damages the non-penal sum of \$750 per day for each calendar day required in excess of the authorized

Missouri

Division of Labor Standards

WAGE AND HOUR SECTION



MICHAEL L. PARSON, Governor

Annual Wage Order No. 28

Section 005
BARRY COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

Taylor Burks, Director
Division of Labor Standards

Filed With Secretary of State: March 10, 2021

Last Date Objections May Be Filed: April 8, 2021

Prepared by Missouri Department of Labor and Industrial Relations

| OCCUPATIONAL TITLE | **Prevailing Hourly Rate |
|------------------------------|--------------------------------|
| Asbestos Worker | *\$23.12 |
| Boilermaker | *\$23.12 |
| Bricklayer | \$47.59 |
| Carpenter | \$43.79 |
| Lather | |
| Linoleum Layer | |
| Millwright | |
| Pile Driver | |
| Cement Mason | \$21.43 |
| Plasterer | |
| Communications Technician | *\$23.12 |
| Electrician (Inside Wireman) | *\$23.12 |
| Electrician Outside Lineman | *\$23.12 |
| Lineman Operator | |
| Lineman - Tree Trimmer | |
| Groundman | |
| Groundman - Tree Trimmer | |
| Elevator Constructor | *\$23.12 |
| Glazier | *\$23.12 |
| Ironworker | *\$23.12 |
| Laborer | \$24.72 |
| General Laborer | |
| First Semi-Skilled | |
| Second Semi-Skilled | |
| Mason | \$53.48 |
| Marble Mason | |
| Marble Finisher | |
| Terrazzo Worker | |
| Terrazzo Finisher | |
| Tile Setter | |
| Tile Finisher | |
| Operating Engineer | *\$23.12 |
| Group I | |
| Group II | |
| Group III | |
| Group III-A | |
| Group IV | |
| Group V | |
| Painter | \$36.54 |
| Plumber | *\$23.12 |
| Pipe Fitter | |
| Roofer | *\$23.12 |
| Sheet Metal Worker | *\$23.12 |
| Sprinkler Fitter | *\$23.12 |
| Truck Driver | *\$23.12 |
| Truck Control Service Driver | |
| Group I | |
| Group II | |
| Group III | |
| Group IV | |

*The Division of Labor Standards received less than 1,000 reportable hours for this occupational title.
Public works contracting minimum wage is established for this occupational title using data provided by Missouri
Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

Heavy Construction Rates for
BARRY County

Section 005

| OCCUPATIONAL TITLE | **Prevailing Hourly Rate |
|-------------------------------|--------------------------------|
| Carpenter | *\$23.12 |
| Millwright | |
| Pile Driver | |
| Electrician (Outside Lineman) | *\$23.12 |
| Lineman Operator | |
| Lineman - Tree Trimmer | |
| Groundman | |
| Groundman - Tree Trimmer | |
| Laborer | *\$23.12 |
| General Laborer | |
| Skilled Laborer | |
| Operating Engineer | \$48.72 |
| Group I | |
| Group II | |
| Group III | |
| Group IV | |
| Truck Driver | *\$23.12 |
| Truck Control Service Driver | |
| Group I | |
| Group II | |
| Group III | |
| Group IV | |

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate Sheet.

*The Division of Labor Standards received less than 1,000 reportable hours for this occupational title. Public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

OVERTIME and HOLIDAYS

OVERTIME

For all work performed on a Sunday or a holiday, not less than twice (2x) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work.

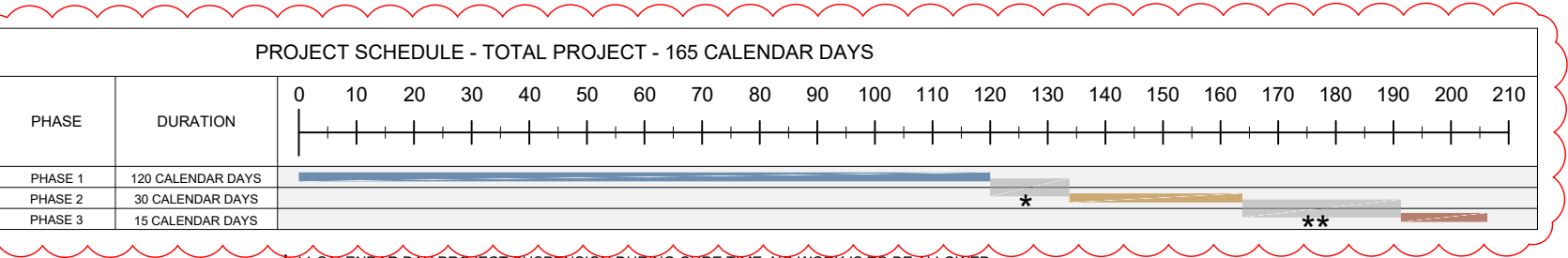
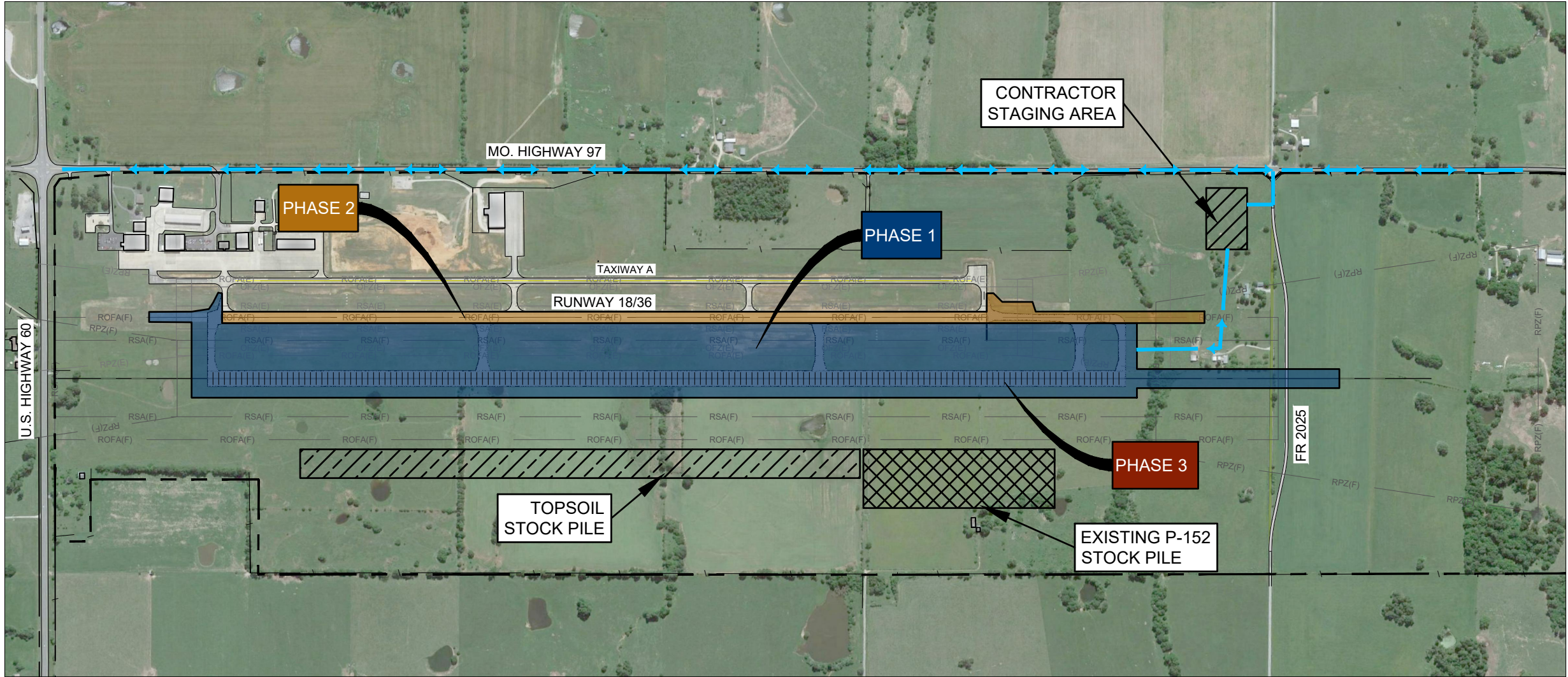
For all overtime work performed, not less than one and one-half (1½) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work or contractual obligation. For purposes of this subdivision, "**overtime work**" shall include work that exceeds ten hours in one day and work in excess of forty hours in one calendar week; and

A thirty-minute lunch period on each calendar day shall be allowed for each worker on a public works project, provided that such time shall not be considered as time worked.

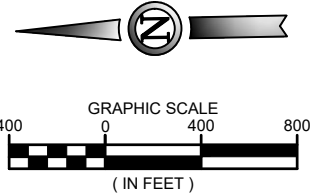
HOLIDAYS

January first;
The last Monday in May;
July fourth;
The first Monday in September;
November eleventh;
The fourth Thursday in November; and
December twenty-fifth;

If any holiday falls on a Sunday, the following Monday shall be considered a holiday.



| OVERALL PHASING LEGEND | |
|------------------------|--|
| | CONTRACTOR HAUL ROUTE (2 WAY TRAFFIC) |
| | OFZ(E) RUNWAY PROTECTION ZONE (EXISTING) |
| | RSA(E) RUNWAY SAFETY AREA (EXISTING) |
| | ROFA(E) RUNWAY OBJECT FREE AREA (EXISTING) |
| | RPZ(E) RUNWAY PROTECTION ZONE (EXISTING) |
| | RSA(F) RUNWAY SAFETY AREA (FUTURE) |
| | ROFA(F) RUNWAY OBJECT FREE AREA (FUTURE) |
| | RPZ(F) RUNWAY PROTECTION ZONE (FUTURE) |
| | PROPERTY LINE |



| SAFETY & OBJECT FREE AREAS | |
|-----------------------------------|--------------------------|
| RUNWAY 18/36 | |
| RUNWAY SAFETY AREA (RSA) | 75' FROM RW CENTERLINE |
| RUNWAY EXTENDED SAFETY AREA (RSA) | 300' FROM RW END |
| RUNWAY OBSTACLE FREE ZONE (OFZ) | 200' FROM RW CENTERLINE |
| RUNWAY OBJECT FREE AREA (ROFA) | 250' FROM RW CENTERLINE |
| TAXIWAYS | |
| TAXIWAY SAFETY AREA (TSA) | 39.5' FROM TW CENTERLINE |
| TAXIWAY OBJECT FREE AREA (TOFA) | 65.5' FROM TW CENTERLINE |

ISSUED FOR BID

FOR AND ON BEHALF OF JVIATION , INC.

Printed May 20, 2021 @ 4:15 PM by: Valentiniano, Fernando
C:\P12\121 New Runway 18-36 Paving Phase2\CD\PLAN\G052-HFJ-2-01-G052-CPN.dwg

MONETT REGIONAL AIRPORT
CITY OF MONETT, MISSOURI

DES: M.J.L.
DR: D.W.C.
CH: C.L.G.
APP: M.J.L.

| ISSUE RECORD | | | |
|--------------|--------|-----------|----------------|
| NO. | BY | DATE | DESCRIPTION |
| 1 | M.J.L. | 4/28/2021 | ISSUED FOR BID |
| 2 | M.J.L. | 5/20/21 | ADDENDUM NO. 3 |
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CONSTRUCT NEW RUNWAY 18/36

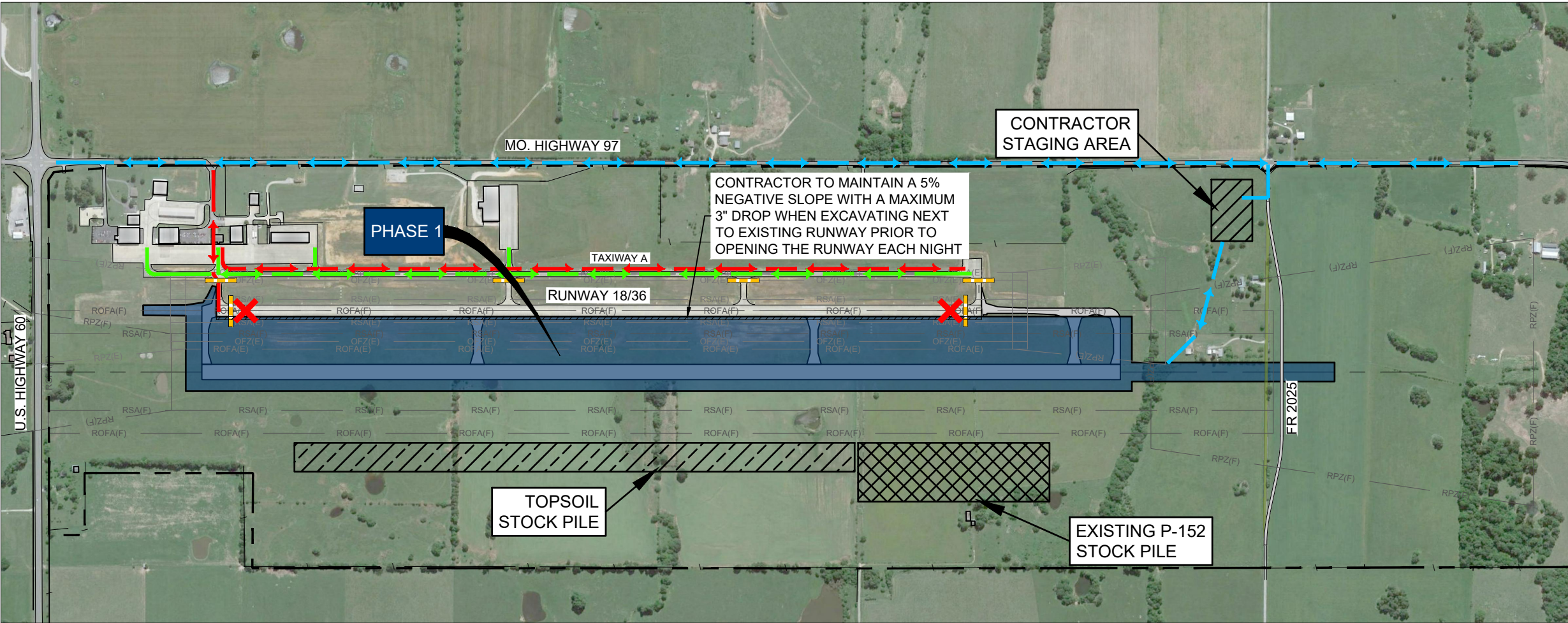
CONSTRUCTION SAFETY PLAN
OVERALL PHASING

FAA / MoDOT PROJ. NO.
21-098B-1 / AIR 216-098B

JVIATION PROJ. NO.
2021.HFJ.01












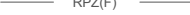




SHEET NAME
G052

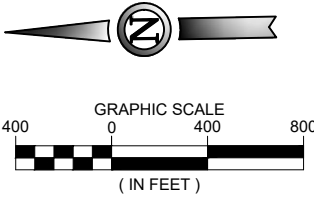
SHEET NO.
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PHASE I - DAYTIME OPERATIONS

| CONSTRUCTION PHASING NOTES | |
|---|---|
| SCHEDULE / PHASE | MAJOR WORK TO BE COMPLETED |
| DURATION 120 CALENDAR DAYS • CONSTRUCTION MAY NOT BE COMPLETED CONCURRENTLY WITH ANY OTHER PHASES. CONTRACTOR ACCESS TIMES CONTRACTOR WILL HAVE ACCESS TO WORK AREAS FROM 7AM TO 7PM. NO WORK SHALL BE PERFORMED BETWEEN 7PM TO 7AM. A NOTAM SHALL BE PLACED EACH MORNING (TWICE) STATING THAT RUNWAY 18/36 WILL BE CLOSED DURING CONSTRUCTION HOURS. ALL BARRICADES AND RUNWAY CLOSURE MARKERS WILL BE PLACED WHEN CONSTRUCTION BEGINS AND WILL BE REMOVED WHEN CONSTRUCTION ENDS EACH DAY. RUNWAY 18/36 WILL BE CLOSED EACH DAY FROM 7 AM TO 7 PM AND REOPEN AT NIGHT FROM 7 PM TO 7 AM. | SITE PREPARATION 1. INSTALL TRAFFIC SIGNAGE 2. MAINTAIN EROSION CONTROL MEASURES - ENTIRE PROPERTY 3. CLEARING AND GRUBBING EARTHWORK 1. UNCLASSIFIED EXCAVATION 2. FINAL GRADING PAVEMENT SECTION 1. INSTALL UNDERDRAIN 2. 12" TREATED SUBGRADE 3. 6" CRUSHED AGGREGATE BASE COURSE 4. 6" CEMENT CONCRETE PAVEMENT PAVEMENT MARKING 1. TEMPORARY PAVEMENT MARKINGS UTILITY 1. INSTALL STORM PIPES ELECTRICAL 1. INSTALL RUNWAY AND TAXIWAY LIGHTS SITE RECLAMATION 1. PLACE TOPSOIL (NO PAY) 2. SEEDING WITH HYDROMULCH |

| PHASING LEGEND | | |
|---|--|------------------------------------|
|  | LIFE & SAFETY ROUTE | |
|  | AIRCRAFT TAXI ROUTE | |
|  | CONTRACTOR HAUL ROUTE (2 WAY TRAFFIC) | |
|  | RUNWAY PROTECTION ZONE (EXISTING) | |
|  | RSA(E) | RUNWAY SAFETY AREA (EXISTING) |
|  | ROFA(E) | RUNWAY OBJECT FREE AREA (EXISTING) |
|  | RPZ(E) | RUNWAY PROTECTION ZONE (EXISTING) |
|  | RSA(F) | RUNWAY SAFETY AREA (FUTURE) |
|  | ROFA(F) | RUNWAY OBJECT FREE AREA (FUTURE) |
|  | RPZ(F) | RUNWAY PROTECTION ZONE (FUTURE) |
|  | PROPERTY LINE | |
|  | NAVAID CRITICAL AREA | |
|  | AOA FENCE | |
|  | FLASHER BARRICADE | |
|  | RUNWAY CLOSURE MARKER | |
|  | TAXIWAY CLOSURE MARKER | |



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JVIATION®

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CONSTRUCT NEW RUNWAY 18/36

CONSTRUCTION SAFETY PLAN
PHASE 1

FAA / MoDOT PROJ. NO.
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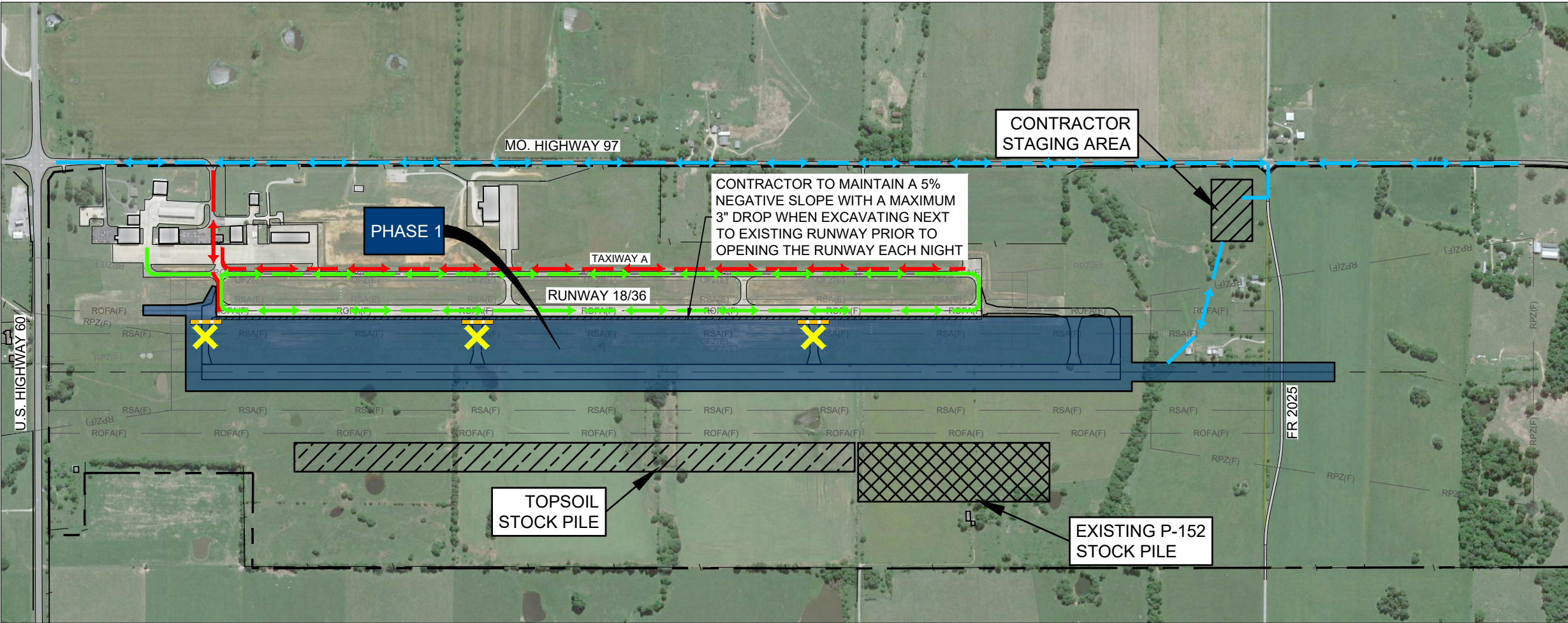
JVIATION PROJ. NO.
2021.HFJ.01

SHEET NAME

G053

SHEET NO.

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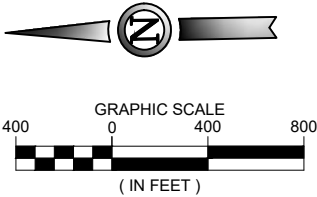
PHASE I - NIGHTTIME OPERATIONS

CONSTRUCTION PHASING NOTES

| SCHEDULE / PHASE | MAJOR WORK TO BE COMPLETED |
|---|----------------------------|
| <p>DURATION</p> <p>120 CALENDAR DAYS</p> <ul style="list-style-type: none">CONSTRUCTION MAY NOT BE COMPLETED CONCURRENTLY WITH ANY OTHER PHASES. <p>CONTRACTOR ACCESS TIMES</p> <p>CONTRACTOR WILL NOT HAVE ACCESS TO WORK AREAS FROM 7PM TO 7AM. NO WORK SHALL BE PERFORMED BETWEEN 7PM TO 7AM.</p> <p>CONTRACTOR MUST HAVE RUNWAY 18/36 OPEN EACH NIGHT FROM THE HOURS OF 7 PM TO 7 AM.</p> | NONE |

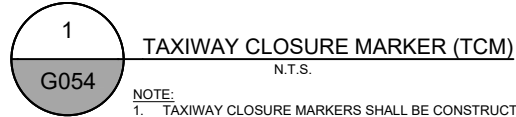
PHASING LEGEND

| | |
|--|---------------------------------------|
| | LIFE & SAFETY ROUTE |
| | AIRCRAFT TAXI ROUTE |
| | CONTRACTOR HAUL ROUTE (2 WAY TRAFFIC) |
| | RUNWAY PROTECTION ZONE (EXISTING) |
| | RSA(E) |
| | ROFA(E) |
| | RPZ(E) |
| | RSA(F) |
| | ROFA(F) |
| | RPZ(F) |
| | PROPERTY LINE |
| | NAVAID CRITICAL AREA |
| | AOA FENCE |
| | FLASHER BARRICADE |
| | RUNWAY CLOSURE MARKER |
| | TAXIWAY CLOSURE MARKER |



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- NOTE:
- TAXIWAY CLOSURE MARKERS SHALL BE CONSTRUCTED OF DURABLE HEAVY DUTY FABRIC.
 - TAXIWAY CLOSURE MARKERS SHALL HAVE A PERIMETER WATER BLADDER OF SUFFICIENT WEIGHT TO KEEP AFFIXED TO THE PAVEMENT DURING HIGH WINDS.

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CONSTRUCT NEW RUNWAY 18/36

CONSTRUCTION SAFETY PLAN
PHASE 1

FAA / MoDOT PROJ. NO.
21-098B-1 / AIR 216-098B

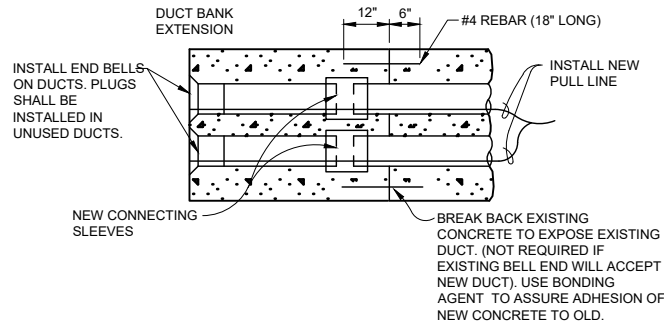
JVIATION PROJ. NO.
2021.HFJ.01

SHEET NAME

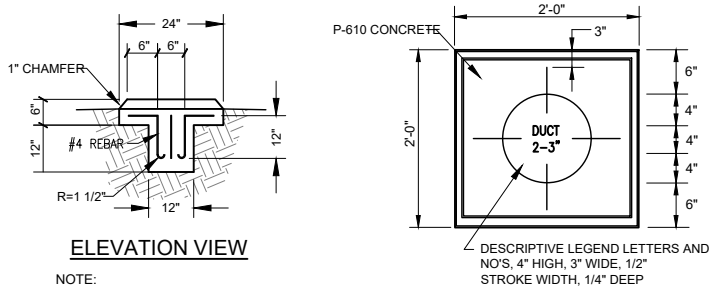
G054

SHEET NO.

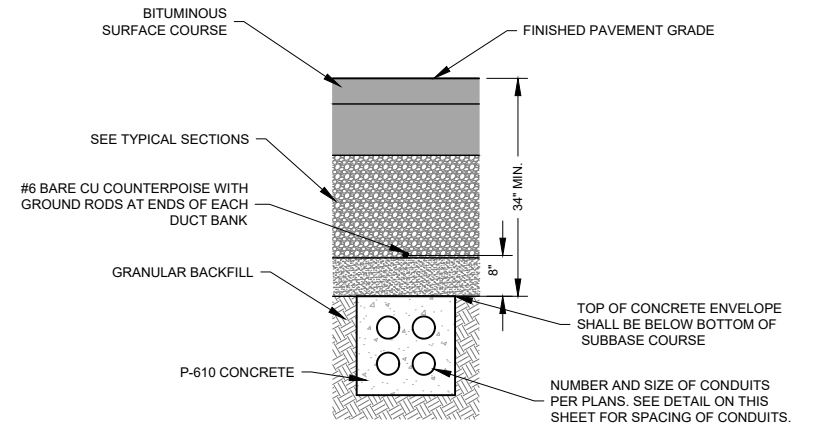
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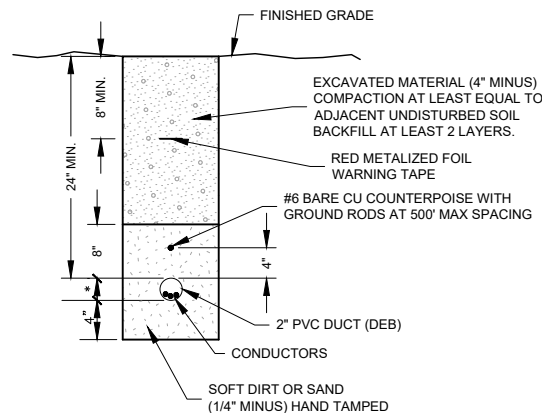
1 DUCT EXTENSION DETAIL
N.T.S.



2 DUCT MARKER DETAIL
N.T.S.

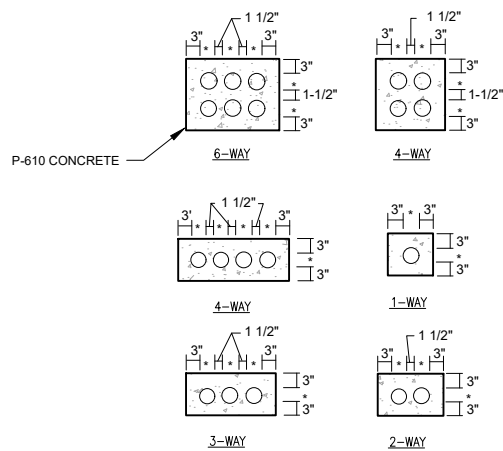


3 DUCT TRENCH (CE) DETAIL
N.T.S.

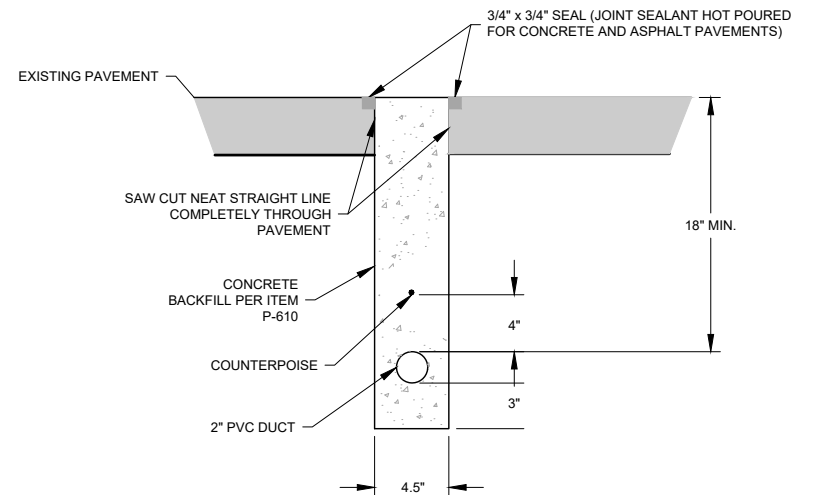


4 DUCT TRENCH (DEB) DETAIL
N.T.S.

NOTE:
CONTRACTOR MAY PLOW IN SCHEDULE 40
HDPE AS AN OPTION INSTALLATION METHOD
FOR DIRECT BURIED CONDUIT.



5 DUCT TRENCH (DEB) DETAIL
N.T.S.



6 2" DUCT IN EXISTING PAVEMENT DETAIL
N.T.S.

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CONSTRUCT NEW RUNWAY 18/36

ELECTRICAL DETAILS

FAA / MoDOT PROJ. NO.
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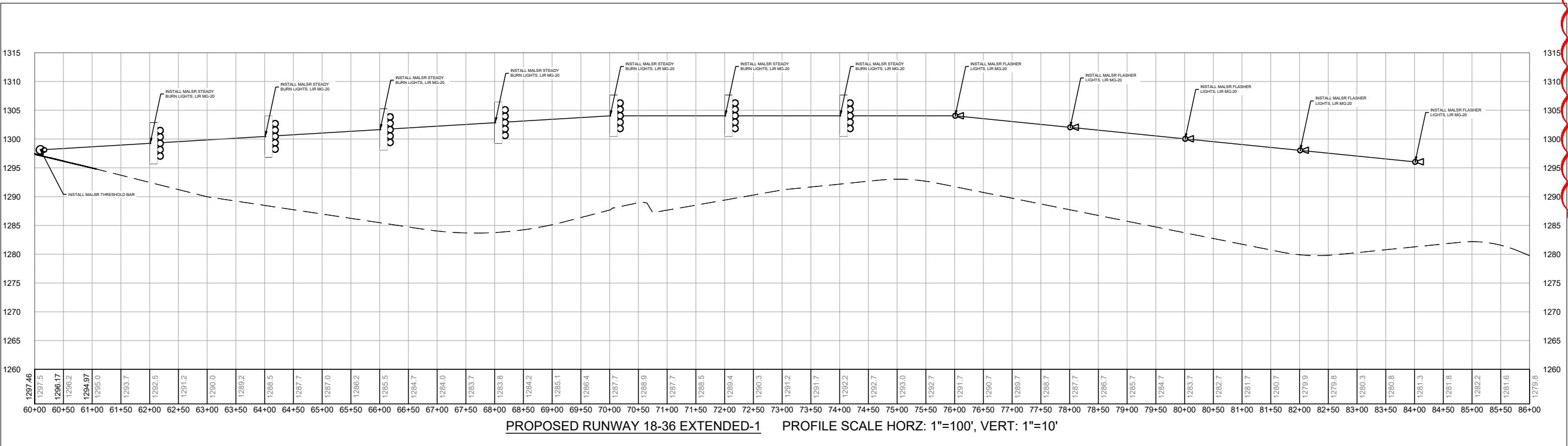
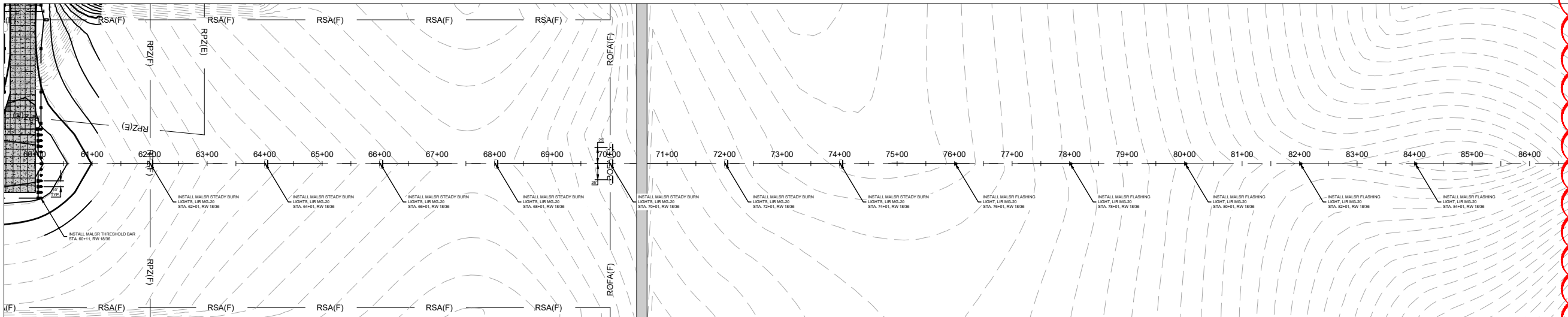
JVIATION PROJ. NO.
2021.HFJ.01

SHEET NAME

E251

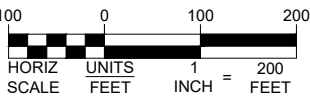
SHEET NO.

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MALSR INSTALLATION NOTES:

1. THE MALSR LUMP SUM ITEM SHALL CONSIST OF THE COMPLETED OPERATIONAL SYSTEM, IN PLACE, AND ACCEPTED BY THE RPR. THIS PAYMENT WILL BE FULL COMPENSATION FOR FURNISHING ALL MATERIALS AND FOR ALL PREPARATION, ASSEMBLY, AND INSTALLATION OF THESE MATERIALS, AND FOR ALL LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM. INSTALLATION ITEMS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: UTILITY POWER SERVICE, MASTER CONTROL POWER FRAME, THRESHOLD LIGHT BAR, LIR MG-20 STEADY BURNING LIGHT STATIONS, LIR MG-20 FLASHING LIGHT STATIONS, POWER AND CONTROL WIRING, CONDUIT, GROUNDING, SPARE PARTS, LIGHT AIMING, TESTING ETC.
2. THE CONTRACTOR SHALL INSTALL THE MALSR SYSTEM PER THE REQUIREMENTS OF THE MANUFACTURER.
3. MALSR CONTROL POWER FRAME - THE CONTRACTOR SHALL INSTALL A UNISTRUT POWER FRAME AT APPROXIMATE STA. 67+00, 405' LT. RW 18/36. CONFIRM LOCATION WITH RPR PRIOR TO INSTALLATION. POWER FRAME RACK SHALL CONTAIN UTILITY METER, FUSED SERVICE DISCONNECT SWITCH 240V/100A NEMA 3R, MASTER CONTROL CABINET, POWER TRANSFORMER, RADIO CONTROLLER WITH ANTENNA AND 120V WEATHERPROOF GFCI DUPLEX RECEPTACLE. ITEMS SHALL BE MOUNTED ON UNISTRUT RACK WITH CONCRETE MAINTENANCE PAD THAT EXTENDS 3' OUTSIDE ALL SIDES OF THE RACK. MALSR POWER AND CONTROL EQUIPMENT SHALL BE RATED FOR OUTSIDE INSTALLATION.
4. ELECTRICAL SERVICE - THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY AND EXTEND A SINGLE PHASE 100A SERVICE FROM EXISTING MALS FACILITY TO NEW MALSR CONTROL POWER FRAME. SERVICE SHALL BE INSTALLED PER THE ELECTRICAL UTILITY'S REGULATIONS.
5. CONDUIT AND JUNCTION BOXES - THE CONTRACTOR SHALL INSTALL A MINIMUM OF 2-2" DIRECT BURIED CONDUITS THE LENGTH OF THE SYSTEM. EXISTING CONDUIT IS INSTALLED UNDER THE ROAD AT STA. 70+50 RW 18/36 THAT THE CONTRACTOR SHALL USE FOR WIRING THE MALSR SYSTEM SOUTH OF THE ROAD. CONTRACTOR SHALL INSTALL ONE L-867B JUNCTION BOX ADJACENT TO EACH LIGHT STATION FOR CONDUIT SYSTEM TIE IN. COORDINATE JUNCTION BOX LOCATIONS WITH RPR.
6. WIRE - THE CONTRACTOR SHALL INSTALL WIRING FOR THE SYSTEM PER THE MANUFACTURER'S REQUIREMENTS. MINIMUM WIRE SIZE OF #12 AWG, 600V, XHHW-2 SHALL BE USED. TYPICAL WIRING FOR STEADY BURNING LIGHT STATIONS IS 3-1/C #2 AWG, 600V XHHW-2. TYPICAL WIRING FOR FLASHING LIGHT STATIONS IS 3-1/C #10 AWG, 600V XHHW-2. INSTALL ADDITIONAL WIRING FOR FLASHING LIGHT STATION INTENSITY CONTROL AND TRIGGER SEQUENCE PER THE MANUFACTURER'S REQUIREMENTS. INSTALL SYSTEM GROUNDING PER THE MANUFACTURER'S REQUIREMENTS.
7. THE CONTRACTOR SHALL PROVIDE A SPARE PARTS PACKAGE THAT IS RECOMMENDED FOR THE SYSTEM BY THE MANUFACTURER. ITEMS TO INCLUDE BUT ARE NOT LIMITED TO: I/O INTERFACE, CONTROL PCB, FLASHER PCB, REPLACEMENT LAMPS OF EACH TYPE, ETC.



| MALSR SYSTEM | | | | | | | | | | | | | |
|--------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|------------|------------|------------|------------|
| STATION | THRESHOLD | STA. 2+00 | STA. 4+00 | STA. 6+00 | STA. 8+00 | STA. 10+00 | STA. 12+00 | STA. 14+00 | STA. 16+00 | STA. 18+00 | STA. 20+00 | STA. 22+00 | STA. 24+00 |
| TYPE | STEADY BURNING | STEADY BURNING | STEADY BURNING | STEADY BURNING | STEADY BURNING | STEADY BURNING | STEADY BURNING | STEADY BURNING | FLASHING | FLASHING | FLASHING | FLASHING | FLASHING |
| C/L OF LIGHT PLANE (FT.) | 1298.12 | 1299.26 | 1300.46 | 1301.64 | 1302.85 | 1304.05 | 1304.05 | 1304.05 | 1304.05 | 1302.05 | 1300.05 | 1298.05 | 1295.05 |
| TOP OF FOUNDATION (FT.) | 1296.12 | 1292.5 | 1288.5 | 1285.5 | 1283.8 | 1287.7 | 1289.4 | 1292.2 | 1291.7 | 1287.7 | 1283.7 | 1279.9 | 1281.3 |
| STATION HEIGHT (FT.) | 1.17 | 6.76 | 11.96 | 16.14 | 19.05 | 16.35 | 14.65 | 11.85 | 12.35 | 14.35 | 16.35 | 18.15 | 13.75 |
| STRUCTURE TYPE | ELEVATED BASE MOUNTED | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR | MG-20 LIR |
| AIMING ANGLE (DEG.) | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 6 | 6 | 6 | 6 | 6 |

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MALSR PLAN AND PROFILE

FAA / MoDOT PROJ. NO.
21-098B-1 / AIR 216-098B

JVIATION PROJ. NO.
2021.HFJ.01

SHEET NAME

E300

SHEET NO.

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