



TAKE OFF WITH US

Memphis

INTERNATIONAL AIRPORT

Pre-Bid Meeting

Charles Baker Airport RW18 Approach Clearing - Construction

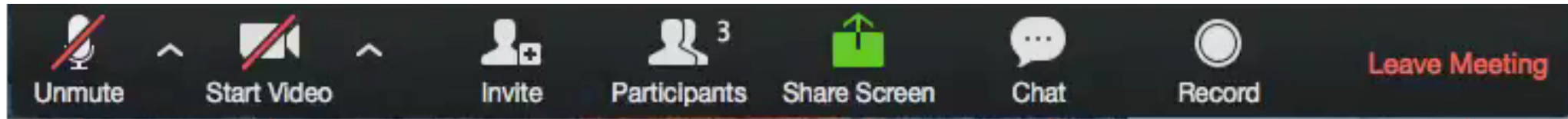
MSCAA Project No. 18-1421-01

Tuesday, January 21, 2025; 11:00 a.m. – 11:30 a.m.

MEETING AGENDA

- Welcome
- Introductions
- Bid Package Submittal
- Sign-In Sheet
- Site Visit
- Q & A Process
- Anticipated Date Sequence
- Procedures, Protocol, and General Contract Requirements
- Project Scope, Phasing, and Technical Review
- Q & A Session

USING MS TEAMS



↑
unmute mic
only when it's
your turn to
speak



↑
turn webcam
on/off



↑
raise your hand
or view who else
is in the meeting



↑
share your
screen when
it's your turn to
present

↑
join the chat
discussion or
share links

↑
leave the
meeting at
the end of
class

INTRODUCTIONS, RESPONSIBILITIES, AND LINES OF COMMUNICATION

Project Team:

Owner:

Memphis-Shelby County Airport Authority (MSCAA)

- Brian Tenkhoff – Director of Development
- Jonathan Parrish – Manager of Engineering and Construction
- Roger Folk – Project Manager
- Amy McCaffery – Manager of Environmental Compliance
- Parsons Transportation Group – Program Management

Designer:

EnSafe Inc.

- Chris Triplett – Director of Design Engineering

BID PACKAGE SUBMITTALS

Bid documents are available online at www.flymemphis.com/rfps-rfqs.

The screenshot shows the Memphis International Airport website with a navigation menu at the top: FLIGHTS, PARKING & TRANSPORTATION, PASSENGER GUIDE, ABOUT MEM, and CONNECT. The main banner features the text "RFB No. 18-1421-01 Charles Baker Airport - RW 18 Approach Clearing - Construction". Below the banner is a table with bid details and a sidebar with search and navigation options.

Bid / RFP / RFQ Name	Date Issued	Sealed SOQs will be received by:
Charles Baker Airport - RW 18 Approach Clearing - Construction RFB No. 18-1421-01	January 14, 2025	February 11, 2025 at 2pm Central Time
<p>BID OPENING A virtual bid opening will be held via MS Teams on Tuesday, February 11, 2025, at 2:00 p.m. Meeting link: Join the meeting now</p> <p>Meeting ID: 275 196 779 87 Passcode: fo6p6gH7 Toll number: 1 872-242-8851 Conference ID: 581 693 108#</p>		
<p>QUESTIONS Send questions to bidquestions@flymemphis.com; include project name and number in subject line.</p>		
<p>PRE-BID MEETING A Virtual Pre-Bid Meeting will be held Tuesday, January 21, 2025, at 11:00 a.m. local time via phone/video conferencing (Join the meeting now); meeting ID: 216 242 891 468; passcode: rd2FM7Ru; local phone #: (872) 242-8851; conference ID: 228 921 622#. Attendance at the Pre-Bid Meeting is strongly recommended.</p>		
<p>SITE VISIT A site visit will be upon request at Charles Baker Airport, 3870 Fite Rd., Millington, TN 38053.</p>		
<p>DOCUMENTS * Proposal Package * Specifications * Drawings</p>		
<p>LEGAL NOTICE Please click here to download the Legal Notice.</p>		

Return to main Bids/RFPs/RFQs page

Please check for updates, addendums, etc.



BID PACKAGE SUBMITTALS

Bid Package **Required** Contents:

- Bid Envelope
- Bid (Specification 00405)
- Bid Guarantee (Specification 00410)
- DBE Assurance Statements – **one each per DBE partner** (Specification 00445)
- DBE Goals Accomplishment Statement (Specification 00445)
- Information on All Firms that Provide Bids or Quotes (Specification 00445)
- Written quote or Bid or other communication from each DBE upon which the scope of work and dollar value contained in your Assurance Statements is based with items included in the Bid either circled and/or highlighted.
- Signed Addenda (if applicable)
- Summary (on company letterhead) of respondent's proposed team, qualifications, and schedule.

Refer to Specification 00200 – Instructions to Bidders/Proposers for full instructions

BID PACKAGE SUBMITTALS

Submit Bids to:

MSCAA Procurement Department
4150 Louis Carruthers Drive
Memphis, TN 38116

Bids due:

Thursday, February 11, 2025
2:00 p.m., local time

Approx. 30 minutes after, bids will be opened and publicly read via phone/video conference; the link can be found on the MSCAA website under <https://flymemphis.com/rfps-rfqs/rfb-no-18-1421-01-charles-baker-airport-rw-18-approach-clearing-construction/>

Bids are good for **seventy-five (75)** days

BID PACKAGE SUBMITTALS



**Procurement Warehouse
4150 Louis Carruthers Dr.**

Louis Carruthers Dr.

Shelby Drive



SIGN IN SHEET

- Although this is a NOT mandatory pre-bid meeting; all Prime Contractors who intend to submit a Bid are encouraged to sign-in to register their attendance.
- To sign-in, please send an email to bidquestions@flymemphis.com or via Chat stating your name, company name, whether you are a prime or subcontractor, email address, office and cell phone numbers.

SITE VISIT

A site visit will be held upon request at Charles Baker Airport, 3870 Fite Road, Millington, TN 38053.

If inclement weather occurs, the site visit will be rescheduled, and information will be placed on the MSCAA website.

Q&A PROCESS

- Please utilize the chat option to ask questions during the pre-bid meeting.
- All questions **must** be submitted to bidquestions@flymemphis.com; include _project name and number in subject line.
- Questions not submitted in this manner will not be provided with a formal answer.
- Question deadline: 5:00 p.m. local time, **Monday, February 3, 2025**.
- We anticipate responses will be provided in an addendum by **Thursday, February 6, 2025**, and will be posted on the MSCAA website – www.flymemphis.com .

ANTICIPATED DATE SEQUENCE

- Q & A w/ addendum posted to the website by EOB no later than **Thursday, February 6, 2025.**
- Bid Opening: Tuesday, February 11, 2025, at 2:00 p.m. local time. Bid reading will be via phone/video.
- Award/Contract – *Precise timing to be determined.* General sequence:
 - Identification of lowest responsive bidder – March 2025
 - Notice of Intent to Award – March 2025
 - Contract Review/Execution – March 2025
 - NTP – April 2025
 - Completion – November 2025

*Continue to monitor www.flymemphis.com website for addenda after **01/30/25**

Procedures, Protocol, and General Contract Requirements



GENERAL CONTRACT REQUIREMENTS

DBE Requirements – Section 00445

ReGina Armstrong – Senior Manager,
Business Diversity Development

DBE Goal (base bid): 20%

DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS

MSCAA operates a federal Disadvantaged Business Enterprise (DBE) Program¹ to ensure full and fair opportunities in MSCAA contracting for businesses owned by socially and economically disadvantaged individuals. Only firms that are certified consistent with 49 CFR Part 26 and the Tennessee Department of Transportation Unified Certification Program (TN UCP), as identified below, will be considered to be certified as a Disadvantaged Business Enterprise.

This section, entitled “Disadvantaged Business Enterprise Requirements” is provided in an effort to assist Respondents. The information contained in this section is not intended to, nor does it, supplement or amend any federal regulation. All Respondents are responsible for compliance with all applicable federal and MSCAA rules and requirements.

It is a requirement that all Respondents providing services for the MSCAA take all reasonable steps to ensure that DBE have a full and fair opportunity to compete for and perform contract work without discrimination on the basis of race, color, national origin or sex. In order to satisfy this requirement, Respondents will be expected to timely submit documentation as identified below and throughout the contract period if selected, and cooperate with MSCAA. Failure to timely submit requested documentation, cooperate with MSCAA or answer inquiries truthfully will be considered a material contract breach and may result in termination.

The following documents must be submitted with your response to this solicitation:

DBE Assurance Statement/Letter of Intent. (49 CFR Part 26.53(b)) The Respondent must submit an Assurance Statement for each DBE whose participation the Respondent is counting toward the goal. This may include first, second, third and so on tier subcontractors and the Respondent and all subcontractors between the Respondent and the DBE should sign the Assurance Statement. The Respondent must submit this Assurance Statement on Company Letterhead.

For each Assurance Statement, the Respondent must also provide the written quote or proposal from the DBE or other communication from the DBE upon which the scope of work and dollar value contained in your Assurance Statement is based (“quote/proposal”).

For all RFQs using federal monies, the Assurance Statement(s) must still be submitted and list the DBE s to be used and their scope of work, but no dollar amount(s) is entered. Dollar amounts(s) will be submitted by the prevailing Respondent upon completion of the selection process.

All portions of the Assurance Statement must be completed (including the description of work, the estimated contract amount, and the estimated dollar value of DBE participation for counting and goal purposes) before the Assurance Statement is signed by either the DBE or the Respondent. If the DBE’s, and if applicable the 2nd/3rd Tier Subcontractor’s, signature(s) can be obtained on the completed Assurance Statement before the bid submission deadline, the Respondent should submit the fully-completed and fully-signed Assurance Statement. If the Respondent submits an Assurance Statement that is completed except for the DBE’s, and if applicable, the 2nd/3rd Tier Subcontractor’s signature(s) and a

¹ The Authority also operates a non-federal Business Diversity Development Program (BDDP). The Authority administers the BDDP Program according to federal regulations, primarily 49 CFR Part 26.

GENERAL CONTRACT REQUIREMENTS

DBE Requirements

Project No. _____

DBE ASSURANCE STATEMENT/LETTER OF INTENT

RESPONDENT:
Name of Firm: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____

DBE:
Name of Firm: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____

Description of work to be performed by DBE:

The Respondent is committed to utilizing the above named DBE for the work described above. The estimated dollar value of this work is \$ _____, which is _____% of the total base bid proposal.

AFFIRMATION

The above-named DBE affirms that it will perform the portion of the contract for the estimated dollar value as stated above.

By: _____
Signature of DBE and Title Date Name

By: _____
Signature of 2nd/3rd Tier Subcontractor Date Name

If the Respondent does not receive award of the prime contract, any and all representations in this letter of Intent and Affirmation shall be null and void. If the Respondent does receive award of the prime contract, Respondent commits to using the DBE subcontractor listed and described above to meet the DBE contract goal, pursuant to 49 CFR Part 26.

ISSUED FOR BID

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(SUBMIT ON RESPONDENT'S LETTERHEAD FOR EACH DBE SUBCONTRACTOR.)

Project No. _____

RESPONDENT DBE GOALS ACCOMPLISHMENT STATEMENT

The undersigned Respondent has satisfied the requirements of the bid/proposal specification in the following manner (please complete the appropriate spaces):

_____ The Respondent is committed to a minimum of 20% DBE utilization on this contract.

_____ The Respondent is unable to meet the DBE goal of _____% but is committed to a minimum of _____% DBE utilization on this contract and submits the attached narrative and documentation demonstrating good faith efforts consistent with Appendix A of 49 CFR 26. **The Respondent should attach as many pages as necessary to provide a full and complete narrative and supporting documentation of good faith efforts made. This narrative must be written on company letterhead and signed.**

Please provide an explanation for the percentage quoted above:
Provide an explanation of the dollar value of DBE's participation and compensation and how this has been determined to meet the specific goal requirements of this solicitation in whole or part.

If DBE and company will enter into a Joint Venture, please describe the terms of the relationship and attach a copy of the contract between the parties.

It is the present intent of the Respondent to utilize the specific DBE firms identified in this proposal in the execution of this contract. If for any reason, one or more of the DBE identified here are unable or unwilling to participate, the Respondent will make good faith efforts to replace the DBE with a similar DBE. The Authority DBE Good Faith Procedures are provided in this package and apply to this proposal.

Respondent's Name: _____

State Registration No.: _____

Federal Tax ID No.: _____

By: _____
Signature and Title Date

ISSUED FOR BID

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GENERAL CONTRACT REQUIREMENTS

DBE Requirements

Project No. _____

VOLUNTARY DISCLOSURE OF RESPONDENT DATA

For Title VI Compliance, we ask for voluntary disclosure of the following information:

Gender: Male
 Female

Race: Caucasian
 Black American
 Hispanic American
 Native American
 Subcont. Asian American
 Asian-Pacific American
 Other (please specify) _____

(DO NOT SUBMIT THIS PAGE ON LETTERHEAD)

GENERAL CONTRACT REQUIREMENTS

DBE Requirements

Received: _____	Date: _____	Project Name: _____
Sr. Manager of BDD		Project No.: _____

DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS FOR SUBCONTRACTS

Memphis-Shelby County Airport Authority (MSCAA) operates a federal Disadvantaged Business Enterprise (DBE) Program to ensure full and fair opportunities in MSCAA contracting for businesses owned by socially and economically disadvantaged individuals, which is governed by 49 CFR Part 26. This document sets forth DBE provisions that must be included in all contracts and subcontracts for the subject project as required by federal regulations. **A SIGNED COPY MUST BE (1) SUBMITTED TO THE MSCAA DBE LIAISON OFFICER AND (2) INCLUDED IN YOUR SUBCONTRACT AS AN EXHIBIT TO ANY UNDERLYING AGREEMENT FOR THE SUBJECT PROJECT.**

The undersigned parties agree and acknowledge that this document shall be deemed to form, be read and construed as, as if stated verbatim therein, part of any agreement between the parties related to the subject project. This document is an agreement wherein the parties accept, agree to, and incorporate federally mandated contractual provisions into any underlying agreement for the subject project as well as acknowledge applicable federal and local DBE rules and regulations. **THE TEXT CONTAINED IN THIS DOCUMENT CANNOT BE REVISED, ALTERED, OR OTHERWISE MODIFIED BY THE PARTIES. THIS IS A FINAL DOCUMENT.**

Any subcontract for the subject project shall be governed by regulations set forth in 49 CFR Part 26 and MSCAA DBE program rules and regulations, including but not limited to the following:

- Assurance (49 CFR 26.13(b)):** The contractor, sub-recipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to: 1) Withholding monthly progress payments; 2) Assessing sanctions; 3) Liquidated damages; and/or 4) Disqualifying the contractor from future bidding as non-responsible.
- Prompt Payment (49 CFR 26.29):** The prime contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 15 days after the prime contractor's receipt of payment for that work from MSCAA. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished and documented as required by MSCAA. When MSCAA has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed. Any delay or postponement of payment from the above referenced timeframe may occur only for good cause and written approval of the MSCAA. Retainage will not be withheld on this project. No retainage will be withheld by the MSCAA from progress payments due the prime contractor. Retainage by the prime or subcontractors is prohibited. No retainage will be held by the prime from progress due subcontractors.
- Termination/Substitution (49 CFR 26.53):** The prime contractor may not terminate or substitute any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of MSCAA. The prime contractor must follow the procedures set forth in 49 CFR 26.53(f).
- Counting Participation:** DBE participation in a contract must be counted in accordance with 49 CFR 26.55 and applicable guidance.
- DBE Independence:** Only an independent business may be certified as a DBE. An independent business is one the viability of which does not depend on its relationship with another firm or firms. Determination of ownership and control of a DBE is governed by 49 CFR 26.71.
- DBE Liaison Officer (DBELO):** For DBE-related questions, issues, and disputes, please contact the MSCAA DBELO (contact information found at <https://flymemphis.com/business-diversity-development-program/>). The current DBELO is Regina Armstrong, who may be reached at 901-922-0167 or ramstrong@flymemphis.com.

This document shall control and supersede any inconsistency, conflict or ambiguity contained in any underlying agreement between the parties for the subject project as to the procedures, processes, or subject matter set forth in this document or otherwise governed by 49 CFR Part 26 and/or other applicable MSCAA DBE program rules and regulations.

GENERAL CONTRACT REQUIREMENTS

Other noteworthy clauses

1. All contractor insurers must have AM Best Rating of A- VII or better
2. All contractor coverages must provide Waivers of Subrogation in favor of MSCAA
3. MSCAA must be added as an Additional Insured to contractor coverages
4. All contractor coverages are primary and non-contributory to any coverages MSCAA may have
5. All sub-contractors of every tier must provide required coverages
6. Note requirements regarding Project Safety


In specifying minimum Contractor insurance requirements, Owner does not represent that such insurance is adequate to protect Contractor for loss, damage or liability arising from its work. Contractor is solely responsible to inform itself of the types or amounts of insurance it may need beyond these requirements to protect itself. The insurance requirements set forth in minimum amounts shall not be construed to relieve Contractor for liability in excess of such coverage, nor shall it preclude Owner from taking such other actions as is available to it under any other provision of the contract.

GENERAL CONTRACT REQUIREMENTS

Airport Construction Safety Requirements – Section 00801 & 00500-Exhibit D

Aaron Hascher, CM & ACE
MSCAA - Safety Program Manager

DIVISION 0 – SECTION 00801	
AIRPORT CONSTRUCTION SAFETY REQUIREMENTS	
PART 1	GENERAL
1.01	SUMMARY
A.	This section contains the minimum level of safety requirements for construction projects at Memphis International Airport, General DeWitt Spain Airport, and/or Charles W. Baker Airport.
B.	Related work:
1.	Other contract documents affecting construction safety include, but are not limited to, the DIVISION 0 AND DIVISION 1 specifications.
PART 2	PRODUCTS
	Not used.
PART 3	EXECUTION
3.01	CONTRACTOR PERSONNEL SAFETY ORIENTATION
A.	The Contractor shall be responsible for briefing all construction personnel on the requirements contained in this section prior to their working in the construction area and at periodic intervals throughout the course of the contract. These briefings will be documented in writing.
3.02	SCHEDULING WORK
A.	See Specification section 01100, SEQUENCE OF CONSTRUCTION & LIQUIDATED DAMAGES.
B.	See General Provision Section 80, Paragraph 80-04, Limitation of Operations.
3.03	CONSTRUCTION SECURITY
A.	See Specification section 00802, AIRPORT SECURITY REQUIREMENTS.
3.04	LIMITATION ON CONSTRUCTION
A.	The limits of construction, material storage areas, equipment parking and other areas defined as available for the contractor's exclusive use during construction shall be identified and defined by the contractor prior to starting work on the project. Temporary barricades, flagging and flashing caution lights may be required at access points, taxiway crossings and pavement tie-ins. The type markings, barricades and flashing caution lights are designated on the construction plans and must be inspected and approved by the Airport Authority.
B.	The Contractor shall store all materials and park construction equipment, when not in use only in the areas designated on the plans or during the pre-construction conference.
C.	Stockpiling of dirt and construction materials shall be constrained in a manner preventing movement resulting from jet blast or wind in excess of 10 knots.
D.	Construction debris, waste, wrappings or loose material capable of causing damage to aircraft engines, propellers, or landing gear shall not be allowed on active aircraft movement areas. Material meeting this criteria shall be contained and removed immediately from the AOA.
ISSUED FOR BID	
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EXHIBIT D TO UNIT PRICE CONSTRUCTION CONTRACT FOR CHARLES BAKER AIRPORT – RW 18 APPROACHING CLEARING - CONSTRUCTION		
BY AND BETWEEN THE MEMPHIS-SHELBY COUNTY AIRPORT AUTHORITY AND (CONTRACTOR NAME)		
NON OCIP CONSTRUCTION SAFETY AND HEALTH GUIDELINES		
Memphis-Shelby County Airport Authority		
Construction Safety and Health Guidelines		
		
Non-OCIP Safety Program		
Revision	Revision Summary	Date
1	Amendments for clothing to include "reflective safety vests"	02/06/2017
Page 35		
Contract: Contractor Name Charles Baker Airport – RW 18 Approaching Clearing - Construction MSCAA Project No. 18-1421-01		

EXAMPLES OF CONTRACTOR SAFETY PLANS/PROGRAMS

- ANSI Z133.1 Safety Standards for Arborists (USA)
- Site Traffic Control Plan
- Equipment Safety Program
- Fall Protection Plan
- Electrical Safety Program
- Fire Protection Plan
- Respiratory Protection Plan
- Hazard Communication Program
- Hearing Conservation Program
- Dust Control Plan
- Debris Control Plan
- General Housekeeping
- General Duty Clause

GENERAL CONTRACT REQUIREMENTS

Safety

- Contractor shall develop their own written **site-specific safety and health plans** for the Memphis-Shelby County Airport Authority
- Your Safety and Health Plan shall, at a minimum, meet the requirements of 29 CFR1926 – Federal OSHA Construction regulations
- Each Contractor is responsible for protecting the health and safety of its employees and the employees of each subcontractor and sub-subcontractor while ensuring they have a safe and healthful place to work.
- **The site-specific safety and health program shall be submitted to the MSCAA Safety Program Manager within fifteen (15) days after the Notice to Proceed.**
- Have an active return to work program
- In case of emergency, contact **911**

GENERAL CONTRACT REQUIREMENTS

Airport Security Requirements – Section 00802

- Airport Badging **is not** required
- Vehicles identified with company logos
- Construction will take place in non-secured area.
- Project Specific Security Requirements

01/07/25

MSCAA 20-1440-01

DIVISION 0 – SECTION 00802

AIRPORT SECURITY REQUIREMENTS

PART 1 GENERAL

L.01 CONTRACTORS SECURITY AND VEHICLE PROCEDURES OVERVIEW

- A. This overview outlines procedures concerning Airport security requirements, vehicle operation, and maintenance requirements for contractors at Memphis International Airport or any airport owned and operated by the Memphis-Shelby County Airport Authority. The sponsor Memphis-Shelby County Airport Authority (Airport Authority), airline, tenant, or concessionaire at the Airport who has hired the contractor is responsible for ensuring the contractor understands and complies with all the rules and regulations. This is a consolidated synopsis of the contractor requirements from the Airport Security Program and the Airport Rules and Regulations.

L.02 DEFINITIONS

- A. **Aircraft** - shall mean any contrivance known or hereinafter invented, used or designed for navigation of or flight in the air.
- B. **Air Operations Area (AOA)** - that part of the Airport used or intended to be used for landing, taking off, surface maneuvering, loading, unloading, or servicing the aircraft.
- C. **Airport** - shall mean the Memphis International Airport and/or the General DeWitt Spain Airport and/or the Charles W. Baker Airport – where applicable.
- D. **Airport Restricted Area** - area of Memphis International Airport that is not intended for public uses or access. These are areas designated by the Airport Authority as restricted areas and clearly identified with signs designating those areas as "RESTRICTED AREA." The restricted area also includes the AOA.
- E. **AOA Driver's Permit** - permit issued by the Airport Authority for operating unescorted motor vehicles on the AOA.
- F. **Construction Restricted Area** - any area, inside or outside of the Airport Restricted Area, which is fenced, or in some like manner defined by the Contractor. The Contractor is responsible for the security of the Construction Restricted Area.
- G. **Director** - shall mean the Director of Operations and Public Safety or his duly authorized representatives.
- H. **Job Site** - a predetermined geographic area with specific boundaries established by the Airport Authority.
- I. **Movement Area** - runways, taxiways, and other areas of the Airport used for taxiing, takeoff, and landing of aircraft, except loading ramps and parking areas.
- J. **Personal Escort** - remaining within sight of the individual under escort at all times while in the Airport restricted areas at a distance not to exceed 20 feet.
- K. **Public Area** - any area within Airport facilities open to the general public.
- L. **SIDA** - Security Identification Display Area.

ISSUED FOR BID

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GENERAL CONTRACT REQUIREMENTS

Contractor's Project Schedule – Section 01320

At pre-construction meeting, contractor shall provide a copy of project schedule; it is to be updated weekly as the job progresses.

DIVISION 1- SECTION 01320	
SCHEDULES AND REPORTS	
PART 1 GENERAL	
1.01 SUMMARY	
A.	The work under this Contract shall be planned, scheduled and reported using computerized precedence diagram format of the Critical Path Method in calendar days, unless otherwise specifically provided in the Contract Documents. The Detailed Construction Schedule shall be developed by using the latest revision of Microsoft Project, or approved equal computer software.
B.	Related Work:
1.	Documents affecting work of this Section include, but are not necessarily limited to, other Sections of these Specifications.
2.	Other provisions concerning Schedules and Reports are stated to Specification Sections: 01100 – Summary of Work, Sequence of Construction & Liquidated Damages General Provision Section 60 - Control of Materials General Provision Section 90 - Measurement and Payment
PART 2 PRODUCTS	
	Not Used.
PART 3 EXECUTION	
3.01 GENERAL REQUIREMENTS	
A.	The Detailed Construction Schedule shall be developed by using the latest revision of Microsoft Project, or approved equal computer software that is compatible with Owner's scheduling software.
B.	The primary objectives of the requirements of this section are:
1.	to insure adequate planning and execution of the Work by Contractor;
2.	to assist Owner and Engineer in evaluating the progress of the Work;
3.	to provide a mechanism or tool for use by the Owner, Engineer and Contractor in determining and monitoring any actions of the Contractor which may be required in order to comply with the requirements of the Contract relating to the timely completion of the various portions of the Work
C.	The Detailed Construction Schedule, defined in Paragraph 3.04, shall represent the Contractor's commitment and intended plan for completion of the Work in compliance with the Contract. The Contractor will not:
1.	Misrepresent to the Owner its planning, scheduling, and coordination of the work;
2.	Utilize schedules different from those provided to the Owner and Engineer for the direction, execution and coordination of the work;
3.	Utilize schedules which are not feasible or realistic; or
01320 Page 1	ISSUED FOR BID

GENERAL CONTRACT REQUIREMENTS

Environmental Considerations

Amy McCaffery, MSCAA – Manager of Environmental Compliance

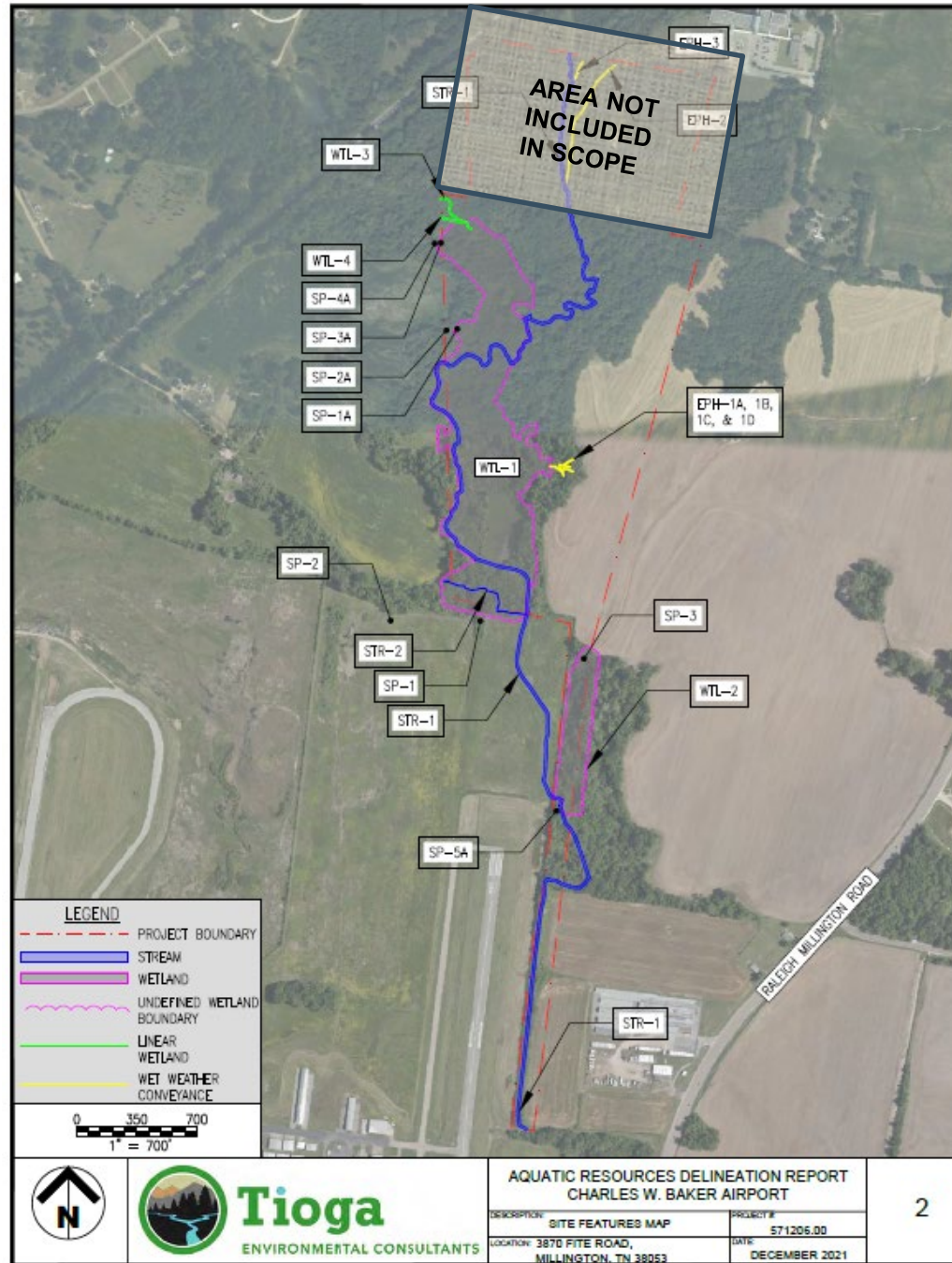
- Cleaning (Section 01741)
- Dust
- Debris

DIVISION 1 – SECTION 01741	
CLEANING	
PART 1 GENERAL	
1.01 SUMMARY	
A.	Throughout the construction period, maintain the site in a standard of cleanliness including mowing of grass as described in this Section. All demolition or construction debris (FOD) shall be confined within the work site at all times.
B.	Related work:
1.	Documents affecting work of this Section include, but are not necessarily limited to, Division 0, Division 1 and other Sections of these Specifications.
2.	In addition to the standards described in this Section, comply with requirements for cleaning as described in pertinent other Sections of these Specifications.
3.	In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.
1.02 QUALITY ASSURANCE	
A.	Conduct a daily inspection, and more often if necessary, to verify that cleanliness requirements are being met.
B.	In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.
PART 2 PRODUCTS	
2.01 CLEANING MATERIALS AND EQUIPMENT	
A.	Provide required personnel, equipment, and materials needed to maintain the specified standard of cleanliness.
B.	In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.
2.02 COMPATIBILITY	
A.	Use only cleaning materials and equipment compatible with the surface being cleaned and as recommended by the manufacturer of the material.

This Project includes:

- Significant water resources which MUST be protected (wetlands and streams)
- Construction Storm Water Permit
 - EPSC must be installed before the first tree is cut
- Stream crossing for access
- Neighbors and Wildlife

QUICK REVIEW OF WATER RESOURCES



ENVIRONMENTAL ITEMS

Scope of Work includes approximately 60 acres of soil disturbance

- Stormwater construction permit is required
 - Contractor is responsible for
 - Notice of Intent (NOI) + \$250 processing fee; airport will provide SWPPP and assist with the NOI coordination
 - Bi-weekly EPSC inspection by a certified Level I inspector until reach 75% stabilization (permanent vegetation)
 - Replacement/Repair of EPSC as required



(Suggest phasing disturbance to minimize EPSC issues)



ENVIRONMENTAL ITEMS

- Mobile Fuel tanks - must be double-walled or stored within containment and must be permitted by the City Fire Inspector
- Recommend having spill kit material onsite to respond to spills and releases, as needed
- **Must report all spills/release to MSCAA**
- Waste must be protected while onsite to prevent FOD; use of airport owned dumpster is prohibited

Project Scope, Phasing, and Technical Review



OVERALL SCOPE OF WORK

The scope of work generally consist of site clearing and selective tree topping within approximately 60 acres of wooded upland and stream/wetland protected areas north and east of the Charles Baker airport.

Work efforts include, but are not necessarily limited to, removal of trees, stumps and roots within approximately 20 acres of upland wooded area, as well as regrading and stabilization of ground surfaces. Harvested trees will be **hauled offsite or mulched** and used as stabilization cover.

Work efforts also include the felling and topping of trees with approximately 40 acres of forested wetland and streams buffer areas. All work in these areas must be completed by hand using chain saws; no site machinery will be allowed in these areas.

Extensive erosion and sediment controls will be installed and maintained throughout the project.

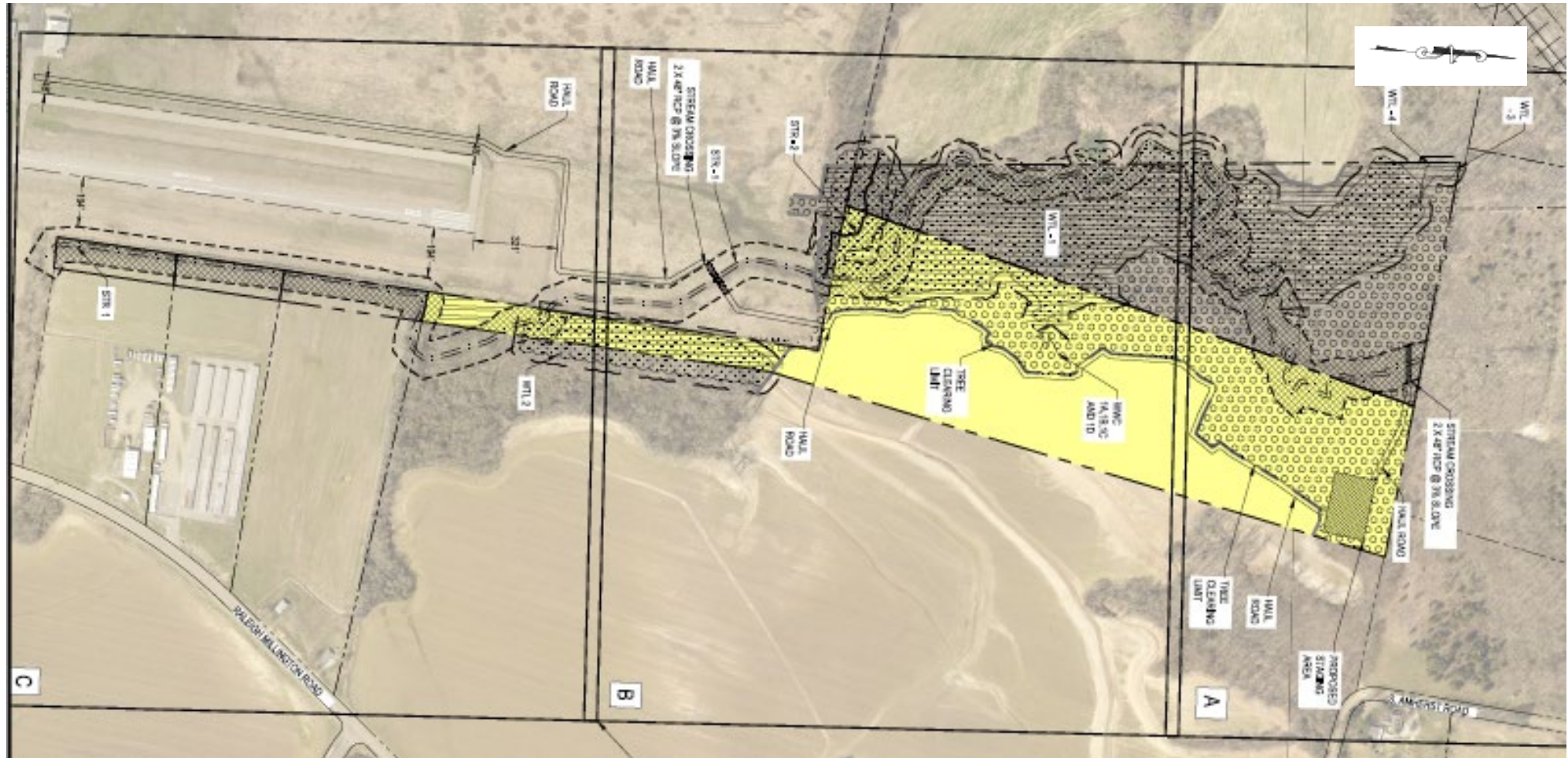
Positive stormwater drainage is required to be maintained within the area.

Special consideration within the work plan shall include, but not be limited to, wetlands, tree management, haul routes, stump and debris removal.

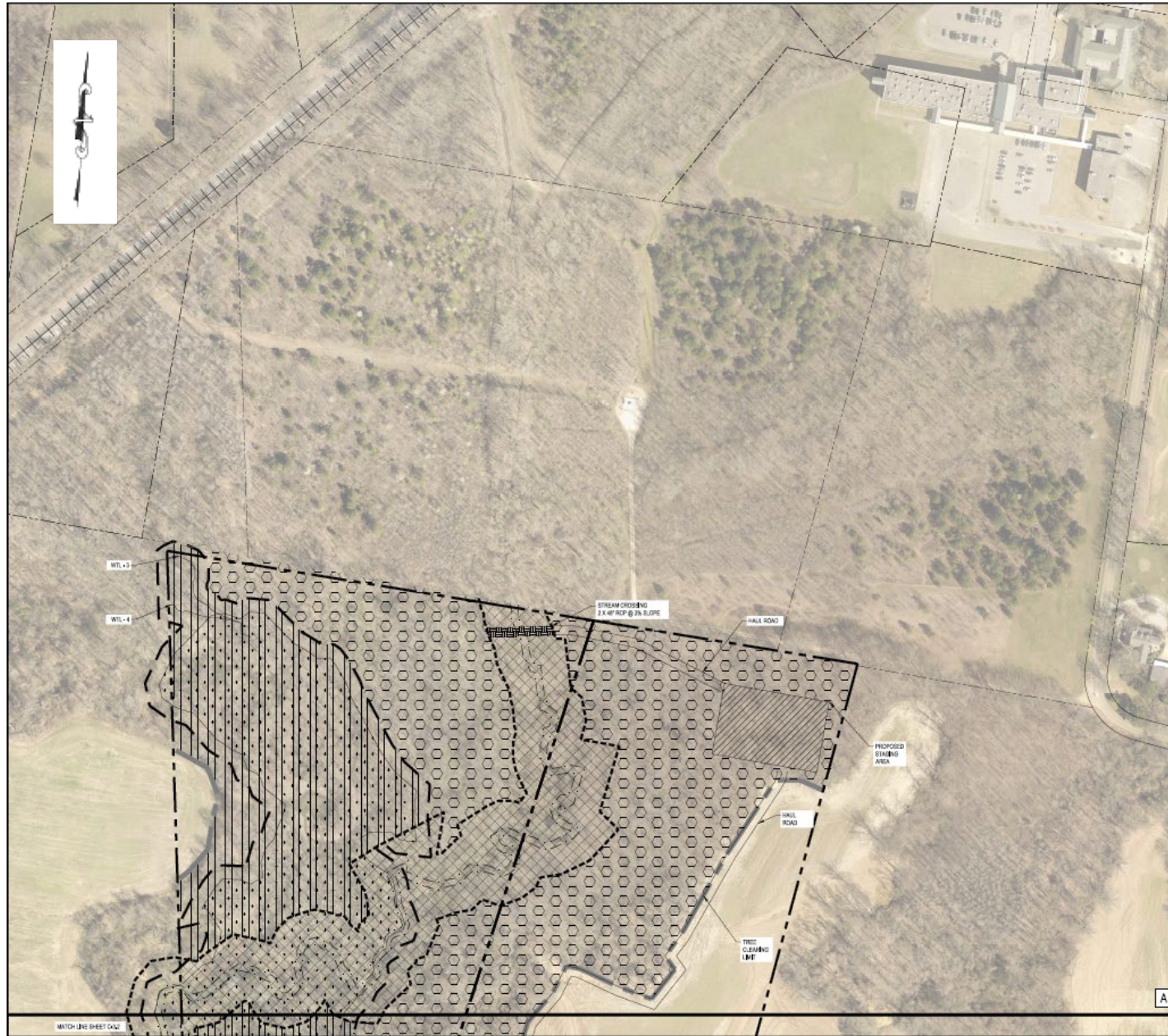
CHARLES BAKER AIRPORT



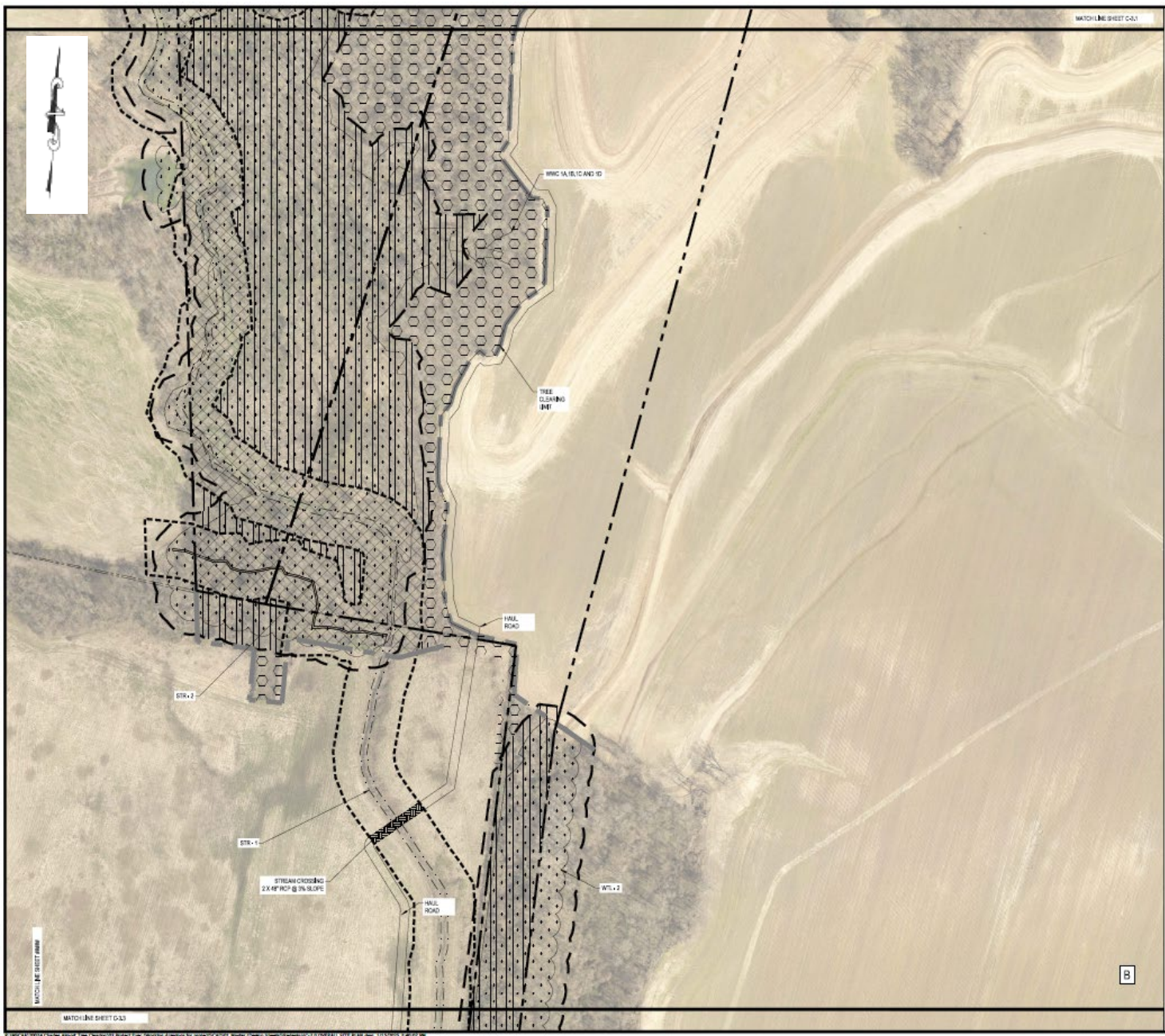
OVERALL LAYOUT



PLAN A



PLAN B



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As noted in the drawings on the previous slides, there are a few work restrictions/ existing site conditions to be aware of; attendants are encouraged to thoroughly review the documents.

- Traffic and site access
- Material storage/staging requirements (staging area)
- Work by Others; be aware of and coordinate work with any other potential ongoing contracts
- Contractor shall maintain continual communication with the engineer, airport & owner to ensure coordination of the project with daily airport activities.
- This is a project with State and Local oversight; bids will also be vetted by the Tennessee Aeronautics Commission.
- Care shall be exercised when hauling heavy equipment and/or materials and contractor shall repair any damage to existing pavements, staging areas or haul routes at no cost to the owner
- No equipment, personnel, vehicles, or storage of materials shall be allowed within the Object Free Area (OFA) of any open airfield pavement

Q&A Session



Q&A SESSION

Please utilize the chat option to ask questions during the pre-bid meeting.

Remember to submit questions via e-mail to bidquestions@flymemphis.com; include project name and number in subject line.

All questions **must** be submitted in this format to receive a **formal** answer. MSCAA will not warranty any other kind of answer.

Question deadline: 5:00 p.m. local time, Monday, February 3, 2025.



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