

ADDENDUM NO. 2 COVER SHEET

November 11, 2024

TERRE HAUTE AIRPORT AUTHORITY
WEST QUAD 6 UNIT BOX HANGAR PHASE 2
at
TERRE HAUTE REGIONAL AIRPORT (HUF)
TERRE HAUTE, IN
AIP 3-18-0082-057-2024

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DATE: NOVEMBER 11, 2024

ADDENDUM NO. 2

TERRE HAUTE AIRPORT AUTHORITY
WEST QUAD 6 UNIT BOX HANGAR PHASE 2
at
TERRE HAUTE REGIONAL AIRPORT (HUF)
TERRE HAUTE, IN
AIP 3-18-0082-057-2024

TO: All Plan-holders of Record

The following addendum items supplement, clarify, modify, change, replace, delete from or add to, the requirements of the contract documents for this project. The articles contained in the addendum take precedence over the requirements of the previously published contract documents. Where any article of the contract specifications or any detail of the contract drawings is modified or any paragraph, subparagraph or clause thereof is modified or deleted by the articles contained in this addendum, the unaltered provisions of that article, paragraph, subparagraph or clause shall remain in effect.

PREPARED BY: Woolpert, Inc.
333 North Alabama Street, Suite 200
Indianapolis, Indiana, 46204

CERTIFIED BY:



Christopher J. Snyder, PE

ADDENDUM BEGINS

PROJECT MANUAL UPDATES

1. **Replace:** “Bid Proposal” pages Sch I – 1 of 4 through Sch I – 4 of 4 and Sch II – 1 of 4 through Sch II – 4 of 4 with attached **“Bid Proposal (Addendum No. 2)”** pages Sch I – 1 of 4 through Sch I – 4 of 4 and Sch II – 1 of 4 through Sch II – 4 of 4 dated November 11, 2024.
2. **Replace:** Professional Certifications, Part 8: FAA Technical Specifications, Item P-156 Temporary Air and Water Pollution, Soil Erosion, and Siltation Control with the following:

~~“Item P-156 Temporary Air and Water Pollution, Soil Erosion, and Siltation Control~~ **Cement Treated Subgrade”**
3. **Replace:** Part 8: FAA Technical Specifications, Item P-152 Excavation, Subgrade & Embankment, Paragraph 152-3.3 with the following:

“152-3.3 Stockpiled material shall be paid for on the basis of the number of cubic yards measured in the stockpiled position. ~~Stockpiled material shall not be measured for payment in the stockpiled position.”~~
4. **Add:** The following paragraphs to Part 8: FAA Technical Specifications, Item P-152 Excavation, Subgrade & Embankment, after Paragraph 152-4.1:

“152-4.2 Unclassified excavation (subgrade repair) (undistributed) payment shall be made at the contract unit price per cubic yard. This price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the item.

152-4.3 Stockpiled material shall be paid for on the basis of the number of cubic yards measured in the stockpiled position.”
5. **Add:** The following pay items to Part 8: FAA Technical Specifications, Item P-152 Excavation, Subgrade & Embankment, Basis of Payment after Item P-152-4.1:

“Item P-152-4.2 Unclassified Excavation (Subgrade Repair) (Undistributed) – per cubic yard

Item P-152-4.3 Stockpiled material – per cubic yard”
6. **Replace:** The following paragraph to Part 8: FAA Technical Specifications, Item T-905 Topsoil, Basis of Payment:

~~905-5.1~~ **905-5.1** Payment will be made at the contract unit price per cubic yard for topsoil (obtained on the site) ~~under P-152~~. This price shall be full compensation for furnishing all materials and for all preparation, placing, and spreading of the materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

Payment will be made under:

“Item T-905-5.1 Topsoil (Obtained on Site or Removed from Stockpile) – per cubic yard”
7. **Add:** **“UT-00 Fire Protection Line”** attached and dated November 11, 2024, issued with this Addendum #2.
8. **Add:** **“UT-01 Domestic Waterline”** attached and dated November 11, 2024, issued with this Addendum #2.

9. **Add:** "UT-02 Sanitary Sewer" attached and dated November 11, 2024, issued with this Addendum #2.
10. **Add:** "Special Provision 03: Specialized Foundations" attached and dated November 11, 2024, issued with this Addendum.

CONSTRUCTION DRAWING UPDATES

1. **Replace:** Base Bid and Alternate Bid tables on "C-002 Summary of Quantities" dated October 18, 2024, with "**Bid Proposal (Addendum No. 2)**" in Project Manual Updates, Item No. 1, this Addendum.
2. **Revise:** "C-006 Overall Construction Safety Phasing Plan", Overall Construction Schedule, Work Area "A" Liquidated Damages, "\$1,000 / Day" dated October 18, 2024, to "\$0/day".
3. **Add:** "C-013 Typical Sections", Typical Section Notes: Note #9 as follows:
"9. The "Compacted Aggregate Base" identified for placement below the proposed hangar floor slab shall be INDOT #53 or an approved equal alternative material. It shall be designed and installed as part of the SP-03 Specialized Foundation specification."
4. **Revise:** "C-014 Existing and Proposed Utility Plan" callout "INSTALL UT-01 447' OF 2" C-900 PVC DOMESTIC WATER SERVICE" to "INSTALL UT-01 270' OF 2" C-900 PVC DOMESTIC WATER SERVICE."
5. **Replace:** "CG101 Grading and Drainage Plan" dated October 18, 2024, with the revised drawing "**CG101 Grading and Drainage Plan**" dated November 8, 2024, issued with this Addendum.
6. **Replace:** "CE101 Erosion Control Plan" dated October 18, 2024, with the revised drawing "**CE101 Erosion Control Plan**" dated November 8, 2024, issued with this Addendum.
7. **Add:** "CU202 Waterline and Gas Plan and Profile" dated November 11, 2024, issued with this Addendum.

CLARIFICATIONS / RFI RESPONSES

1. **Questions answered during the Pre-Bid Meeting are found in the Pre-Bid Meeting Minutes.**
2. **Clarification:** The following manufacturers have been accepted as approved equal in Part 9: Supplemental Technical Specification Section 133419 – Metal Building Systems, Section 2.1.A:
 - Ceco Building Systems (Addendum No. 1)
 - Kirk Airport Solutions, Inc.
3. **Question:** *The tons of Portland cement on this do not match the square yardage they provide. The P-156 specifies a 5% application rate at a depth of 12" per sheet C-013. The 8,930 SY at 5% 12" should be more like 230 tons for that given QTY.*
Answer: Refer to revised quantity in Addendum No. 2, Project Manual Updates, Item No. 1.
4. **Question:** *I see the phasing will happen simultaneously; can we get all this subgrade treatment done on 1 mobilization?*
Answer: Areas A, B, and C can be accessed simultaneously. The Contractor must plan accordingly and take proper means and methods to achieve one mobilization.

5. **Question:** *Does the staging area require any stone?*
Answer: The Contractor should select the material of their choice and prepare a working surface suitable for a clean staging area for no extra payment.
6. **Question:** *Where will the stockpile for surplus soils be located?*
Answer: The stockpile for surplus soils will be located north of the staging area. Refer to CG101.
7. **Question:** *152-2.14 states topsoil shall be paid as provided in Item T-905. There is no T-905 indicated on the Bid Proposal form.*
Answer: Refer to Addendum No. 2, Project Manual Updates.
8. **Question:** *The unclassified excavation unit price quantity on C-002 table does not match the earthwork summary table on CG101.*
Answer: Refer to revised quantity in Addendum No. 2.
9. **Question:** *The specification quantity on concrete is different than the quantity indicated on C-002.*
Answer: Refer to Addendum No. 2.
10. **Question:** *Unit Pricing is requested for #53 aggregate base. Please clarify if this material is required under all site paving and slab on grade.*
Answer: Refer to Addendum No. 2 for updates to these items.
11. **Question:** *Is there a "NEW" Duke Transformer pad required on this project?*
Answer: No. The existing transformer shown on the plans are to be used.
12. **Question:** *Drawing C-014 shows (3) 3" PVC conduits "stubbed" out of the existing Duke transformer BUT the Electrical one-line calls for (3) 4" conduits to extend to the "new" meter base. How should we address this while quoting?*
Answer: The Contractor shall match the existing PVC conduit stubs (minimum) or provide up to a 4" conduit (maximum) as necessary to extend the conduit accordingly at no additional cost.
13. **Question:** *Earthwork quantities on bid form and drawings do not match. How shall we handle this?*
Answer: Refer to Addendum No. 2.
14. **Question:** *Where is the surplus soil stockpile located on site?*
Answer: The stockpile for surplus soils will be located north of the staging area. Refer to CG101 and Question 6, this Addendum.
15. **Question:** *Does the unclassified excavation quantity include the utility and storm excavation?*
Answer: No, refer to CG101, Grading and Drainage Plan, Note 6.
16. **Question:** *Does the bid item "Concrete" also include the stone subbase under the concrete?*
Answer: No, Item P-610-6.1 Concrete is for the "concrete stoop" and excludes the stone base. Stone base is paid for under Item INDOT 301 Compacted Aggregate, No. 53 Base. Refer to C-013 Typical Sections.

17. **Question:** *There is no bid item for topsoil. Is topsoil required?*
Answer: Topsoil is required. Refer to CG101, Grading and Drainage Plan, Note 16 and Addendum No. 2.
18. **Question:** *Would it be acceptable for the apparent low or two low bidders to submit the following within 24 hours of the bid opening?*
a. Bid Proposal Breakdown
b. DBE Participation Form
c. Buy American Calculation Worksheet
d. Buy American Preferences Final Assembly Questionnaire
e. Buy America Conformance Listing
f. Certification of Lower Tier Contractors Regarding Debarment
Answer: The Buy American Worksheet and Forms (pages 39 – 60 of the Project Manual) and DBE Good Faith Effort documentation are not required at the time of bid to be considered responsive. However, they will be required within 24 hours (1 full business day) upon request from the Engineer to be considered responsive. All other documents are required to be considered responsive.
19. **Question:** *Does the EC need to include trench cost from utility XFMR to meter bank? Site plans are not scaled. What is the distance for the trench?*
Answer: Yes, please refer to this Addendum No. 2, Bid Proposal items.
20. **Question:** *Are there structural drawings for this project?*
Answer: No. The Contractor is responsible to self- perform the design work for the Cast-in-Place Concrete, Specialized Foundation, and the Pre-Engineering Metal Building System. Please refer to the Project Manual: Section 03300 – CAST-IN-PLACE CONCRETE, Section 133419 – METAL BUILDING SYSTEMS, and Special Provisions #3: SPECIALIZED FOUNDATIONS.
21. **Question:** *Will this be on us to design after the PEMB is chosen? If so, do you have a basis for design?*
Answer: Yes. The Contractor is responsible to choose the Pre-Engineering Metal Building (PEMB) and design for the system accordingly. Pre-approved manufactures are the basis for design.

NOTE: If you did submit a question and don't see it in this addendum, we are likely working on a response for a future addendum. Please follow-up with Justin Bessler at justin.bessler@woolpert.com.

PRE-BID MEETING MINUTES

1. **Add:** Attached Pre-Bid Meeting Minutes and Attendees Sign-In Sheet

ADDENDUM ENDS



BID PROPOSAL - BASE BID - WEST QUAD DEVELOPMENT 3 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
C-105-6.1	MOBILIZATION & DEMOBILIZATION	LS	1	\$	_____dollars and _____cents	\$
C-115-4.1	MAINTENANCE OF TRAFFIC	LS	1	\$	_____dollars and _____cents	\$
C-95-4.1	CONSTRUCTION ENGINEERING	LS	1	\$	_____dollars and _____cents	\$
C-102-5.1b	INSTALLATION AND REMOVAL OF SILT FENCE	LF	1,680	\$	_____dollars and _____cents	\$
C-102-5.1c	INSTALLATION AND REMOVAL OF TEMPORARY INLET PROTECTION	EA	7	\$	_____dollars and _____cents	\$
P-101-5.1	COLD MILLING (1.5")	SY	223	\$	_____dollars and _____cents	\$
P-101-5.2	REMOVAL OF EXISTING WATERLINE	LF	145	\$	_____dollars and _____cents	\$
P-101-5.3	REMOVAL AND SALVAGE OF EXISTING FIRE HYDRANT	EA	1	\$	_____dollars and _____cents	\$
P-101-5.4	ASPHALT / ASPHALT INTERFACE JOINT	LF	780	\$	_____dollars and _____cents	\$
P-101-5.5	ASPHALT / CONCRETE INTERFACE JOINT	LF	410	\$	_____dollars and _____cents	\$
P-152-4.1	UNCLASSIFIED EXCAVATION	CY	1,126	\$	_____dollars and _____cents	\$
P-152-4.2	UNCLASSIFIED EXCAVATION (SUBGRADE REPAIR) (UNDISTRIBUTED)	CY	240	\$	_____dollars and _____cents	\$
P-152-4.3	STOCKPILED MATERIAL	CY	2,203	\$	_____dollars and _____cents	\$
P-156-8.1	CEMENT SUBGRADE (UNDISTRIBUTED)	SY	7,620	\$	_____dollars and _____cents	\$



BID PROPOSAL - BASE BID - WEST QUAD DEVELOPMENT 3 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
P-156-8.2	CEMENT (UNDISTRIBUTED)	TON	198	\$	_____dollars and _____cents	\$
P-605-5.1	CONCRETE / CONCRETE INTERFACE JOINT	LF	970	\$	_____dollars and _____cents	\$
P-610-6.1	CONCRETE	SY	380	\$	_____dollars and _____cents	\$
P-620-5.1b	PAVEMENT MARKINGS (ANY COLOR)	SF	1,000	\$	_____dollars and _____cents	\$
P-620-5.1c	REFLECTIVE MEDIA - TYPE III	LB	130	\$	_____dollars and _____cents	\$
P-620-5.1d	PAVEMENT MESSAGE MARKING, ADA	EA	2	\$	_____dollars and _____cents	\$
D-701-5.1	12 INCH, 16 GAUGE CORRUGATED STEEL PIPE	LF	20	\$	_____dollars and _____cents	\$
D-702-5.1	12 INCH, 16 GAUGE SLOTTED DRAIN PIPE	LF	202	\$	_____dollars and _____cents	\$
D-751-5.1	TYPE B INLET	EA	2	\$	_____dollars and _____cents	\$
D-751-5.2	ADJUST EXISTING STORM STRUCTURE	EA	1	\$	_____dollars and _____cents	\$
D-751-5.3	TYPE C MANHOLE	EA	1	\$	_____dollars and _____cents	\$
T-901-5.1	SEEDING	KSF	60	\$	_____dollars and _____cents	\$
T-905-5.1	TOPSOIL (OBTAINED ON SITE OR REMOVED FROM STOCKPILE)	CY	723	\$	_____dollars and _____cents	\$
T-908-5.1	MULCHING	SY	6,440	\$	_____dollars and _____cents	\$
L-110-5.1	SPLIT CONDUIT, 2" SCH 80 PVC	LF	70	\$	_____dollars and _____cents	\$



BID PROPOSAL - BASE BID - WEST QUAD DEVELOPMENT 3 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
L-110-5.2	4" 3-WAY NON-ENCASED CONDUIT (TYPE II PVC)	LF	50	\$	_____dollars and _____cents	\$
L-125-4.1	TAXILANE EDGE REFLECTOR	EA	11	\$	_____dollars and _____cents	\$
UT-00-5.1	REINSTALL FIRE HYDRANT ASSEMBLY	EA	1	\$	_____dollars and _____cents	\$
UT-00-5.2	8" C900 PVC FIRE PROTECTION LINE	LF	260	\$	_____dollars and _____cents	\$
UT-00-5.3	8" GATE VALVE & PLUG	EA	1	\$	_____dollars and _____cents	\$
UT-01-5.1	2" C900 PVC DOMESTIC WATERLINE	LF	270	\$	_____dollars and _____cents	\$
UT-01-5.2	1.5" METER PIT	EA	1	\$	_____dollars and _____cents	\$
UT-02-5.1	6" SDR 35 PVC SANITARY LATERAL	LF	290	\$	_____dollars and _____cents	\$
UT-02-5.2	48" MANHOLE, TYPE C	EA	1	\$	_____dollars and _____cents	\$
UT-02-5.3	SANITARY CLEANOUT	EA	2	\$	_____dollars and _____cents	\$
INDOT 301	COMPACTED AGGREGATE, NO. 53 BASE	CY	1,000	\$	_____dollars and _____cents	\$
INDOT 402	HMA TYPE B, 58S, BASE, 19.0MM	TON	650	\$	_____dollars and _____cents	\$
INDOT 402	HMA TYPE B, 58S, SURFACE, 12.5MM	TON	520	\$	_____dollars and _____cents	\$
INDOT 406	ASPHALT FOR TACK COAT	SY	5,340	\$	_____dollars and _____cents	\$
SP-02-1.1	WHEEL STOPS	EA	26	\$	_____dollars and _____cents	\$



BID PROPOSAL - BASE BID - WEST QUAD DEVELOPMENT 3 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
133419	HANGAR BUILDING	<i>LS</i>	<i>1</i>	\$	_____dollars and _____cents	\$
33000	HANGAR BUILDING - SPECIALIZED FOUNDATIONS	LS	1	\$	_____dollars and _____cents	\$
TOTAL						\$



BID PROPOSAL - ALTERNATE BID - WEST QUAD DEVELOPMENT 6 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
C-105-6.1	MOBILIZATION & DEMOBILIZATION	LS	1	\$	_____dollars and _____cents	\$
C-115-4.1	MAINTENANCE OF TRAFFIC	LS	1	\$	_____dollars and _____cents	\$
C-95-4.1	CONSTRUCTION ENGINEERING	LS	1	\$	_____dollars and _____cents	\$
C-102-5.1b	INSTALLATION AND REMOVAL OF SILT FENCE	LF	1,680	\$	_____dollars and _____cents	\$
C-102-5.1c	INSTALLATION AND REMOVAL OF TEMPORARY INLET PROTECTION	EA	7	\$	_____dollars and _____cents	\$
P-101-5.1	COLD MILLING (1.5")	SY	220	\$	_____dollars and _____cents	\$
P-101-5.2	REMOVAL OF EXISTING WATERLINE	LF	145	\$	_____dollars and _____cents	\$
P-101-5.3	REMOVAL AND SALVAGE OF EXISTING FIRE HYDRANT	EA	1	\$	_____dollars and _____cents	\$
P-101-5.4	ASPHALT / ASPHALT INTERFACE JOINT	LF	780	\$	_____dollars and _____cents	\$
P-101-5.5	ASPHALT / CONCRETE INTERFACE JOINT	LF	780	\$	_____dollars and _____cents	\$
P-152-4.1	UNCLASSIFIED EXCAVATION	CY	1,126	\$	_____dollars and _____cents	\$
P-152-4.2	UNCLASSIFIED EXCAVATION (SUBGRADE REPAIR) (UNDISTRIBUTED)	CY	280	\$	_____dollars and _____cents	\$
P-152-4.3	STOCKPILED MATERIAL	CY	2,750	\$	_____dollars and _____cents	\$
P-156-8.1	CEMENT SUBGRADE (UNDISTRIBUTED)	SY	8,930	\$	_____dollars and _____cents	\$



BID PROPOSAL - ALTERNATE BID - WEST QUAD DEVELOPMENT 6 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
P-156-8.2	CEMENT (UNDISTRIBUTED)	TON	231	\$	_____dollars and _____cents	\$
P-605-5.1	CONCRETE / CONCRETE INTERFACE JOINT	LF	970	\$	_____dollars and _____cents	\$
P-610-6.1	CONCRETE	SY	730	\$	_____dollars and _____cents	\$
P-620-5.1b	PAVEMENT MARKINGS (ANY COLOR)	SF	1,000	\$	_____dollars and _____cents	\$
P-620-5.1c	REFLECTIVE MEDIA - TYPE III	LB	130	\$	_____dollars and _____cents	\$
P-620-5.1d	PAVEMENT MESSAGE MARKING, ADA	EA	2	\$	_____dollars and _____cents	\$
D-701-5.1	12 INCH, 16 GAUGE CORRUGATED STEEL PIPE	LF	20	\$	_____dollars and _____cents	\$
D-702-5.1	12 INCH, 16 GAUGE SLOTTED DRAIN PIPE	LF	390	\$	_____dollars and _____cents	\$
D-751-5.1	TYPE B INLET	EA	2	\$	_____dollars and _____cents	\$
D-751-5.2	ADJUST EXISTING STORM STRUCTURE	EA	1	\$	_____dollars and _____cents	\$
D-751-5.3	TYPE C MANHOLE	EA	1	\$	_____dollars and _____cents	\$
T-901-5.1	SEEDING	KSF	46	\$	_____dollars and _____cents	\$
T-905-5.1	TOPSOIL (OBTAINED ON SITE OR REMOVED FROM STOCKPILE)	CY	546	\$	_____dollars and _____cents	\$
T-908-5.1	MULCHING	SY	4,870	\$	_____dollars and _____cents	\$
L-110-5.1	SPLIT CONDUIT, 2" SCH 80 PVC	LF	70	\$	_____dollars and _____cents	\$



BID PROPOSAL - ALTERNATE BID - WEST QUAD DEVELOPMENT 6 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
L-110-5.2	4" 3-WAY NON-ENCASED CONDUIT (TYPE II PVC)	LF	50	\$	dollars and cents	\$
L-125-4.1	TAXILANE EDGE REFLECTOR	EA	11	\$	dollars and cents	\$
UT-00-5.1	REINSTALL FIRE HYDRANT ASSEMBLY	EA	1	\$	dollars and cents	\$
UT-00-5.2	8" C900 PVC FIRE PROTECTION LINE	LF	260	\$	dollars and cents	\$
UT-00-5.3	8" GATE VALVE & PLUG	EA	1	\$	dollars and cents	\$
UT-01-5.1	2" C900 PVC DOMESTIC WATERLINE	LF	270	\$	dollars and cents	\$
UT-01-5.2	1.5" METER PIT	EA	1	\$	dollars and cents	\$
UT-02-5.1	6" SDR 35 PVC SANITARY LATERAL	LF	110	\$	dollars and cents	\$
UT-02-5.2	48" MANHOLE, TYPE C	EA	1	\$	dollars and cents	\$
UT-02-5.3	SANITARY CLEANOUT	EA	1	\$	dollars and cents	\$
INDOT 301	COMPACTED AGGREGATE, NO. 53 BASE	CY	1,040	\$	dollars and cents	\$
INDOT 402	HMA TYPE B, 58S, BASE, 19.0MM	TON	650	\$	dollars and cents	\$
INDOT 402	HMA TYPE B, 58S, SURFACE, 12.5MM	TON	520	\$	dollars and cents	\$
INDOT 406	ASPHALT FOR TACK COAT	SY	5,340	\$	dollars and cents	\$
SP-02-1.1	WHEEL STOPS	EA	26	\$	dollars and cents	\$



BID PROPOSAL - ALTERNATE BID - WEST QUAD DEVELOPMENT 6 UNIT HANGAR & LOUNGE						
Item No.	Item Description	Unit	Quantity	UNIT PRICE		TOTAL
133419	HANGAR BUILDING	<i>LS</i>	<i>1</i>	\$	_____dollars and _____cents	\$
33000	HANGAR BUILDING - SPECIALIZED FOUNDATIONS	LS	1	\$	_____dollars and _____cents	\$
TOTAL						\$

UT-00 Fire Protection Line

DESCRIPTION

UT-00-1.1. This item shall consist of furnishing and installing fire protection water distribution piping and related components meeting the material and dimensions as indicated in the plans and specified below.

MATERIALS

UT-00-2.1. Materials shall meet the requirements shown on the plans and specified below.

UT-00-2.2. Materials shall be in conformance with the Guidelines for Developer Installed Water Main Projects and requirements of Indiana American Water for Private Fire Service.

CONSTRUCTION METHODS

UT-00-3.1 General. All water main and service line installation and restoration shall conform to the Standards and be performed in accordance with all State, Federal, Local codes and regulations. All methods shall adhere to the best practices of the water utility industry.

UT-00-3.2 Restoration. Where sod has been removed, it shall be replaced as soon as possible after the backfilling is completed. All areas disturbed by the work shall be restored to its original condition. The restoration shall include topsoiling, seeding, and mulching shown on the plans. The Contractor shall be held responsible for maintaining all disturbed surfaces and replacements until final acceptance. All restoration shall be considered incidental to the respective UT-00 pay item.

UT-00-3.3 Testing. The Contractor shall be responsible for the waterline testing in accordance with the local ordinances and requirements. All testing shall be considered incidental to the respective UT-00 pay item.

UT-00-3.4 Thrust Blocking. The Contractor shall be responsible for all thrust blocking in accordance with the local ordinances and requirements and as shown on the plans. All blocking shall be considered incidental to the respective UT-00 pay item.

METHOD OF MEASUREMENT

UT-00-4.1. The quantity of hydrants shall be the number of each installed, completed and approved.

UT-00-4.2. The length of pipe shall be the number of linear feet of pipe in place, completed, and approved; measured along the centerline of the pipe. The classes, types, and sizes shall be measured separately. All fittings, thrust blocks, excavation, backfill, and items incidental to the installation of the piping shall be included in the footage as typical pipe sections in the pipeline being measured.

UT-00-4.3. The quantity of gate valves shall be the number of each installed, completed and approved, not otherwise covered under the fire hydrant assembly.

METHOD OF PAYMENT

UT-00-5.1. Reinstall Fire Hydrant Assembly. Payment will be made at the contract unit price per each for of the Fire Hydrant Assemblies installed and approved. This price shall be full compensation for furnishing all materials, for preparing and placing these materials, and for all labor, equipment, tools, commissioning and incidentals necessary to complete the item.

Supplemental Technical Specifications

UT-00-5.2 Fire Protection Line. Payment will be made at the contract unit price per linear foot for each size of pipe. These prices shall be full compensation for furnishing all materials, for all preparation, excavation, backfill, and installations of these materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

UT-00-5.3 Gate Valves and Plugs. Payment will be made at the contract unit price per each for of the Gate Valves installed and approved. These prices shall be full compensation for furnishing all materials and for all preparation, excavation, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete the item including the riser and valve box.

Payment will be made under:

UT-00-5.1	Reinstall Fire Hydrant Assembly – Per Each
UT-00-5.2	8” C900 PVC Fire Protection Line – Per Linear Foot
UT-00-5.3	8” Gate Valve & Plug – Per Each

END OF ITEM UT-00

UT-01 Domestic Waterline

DESCRIPTION

UT-01-1.1. This item shall consist of furnishing and installing domestic water distribution piping and related components meeting the material and dimensions as indicated in the plans and specified below.

MATERIALS

UT-01-2.1. Materials shall meet the requirements shown on the plans and specified below.

UT-01-2.2. Materials shall be in conformance with the Guidelines for Developer Installed Water Main Projects, latest edition.

UT-00-2.3 Testing. The Contractor shall be responsible for the waterline testing in accordance with the local ordinances and requirements. All testing shall be considered incidental to the respective UT-00 pay item.

UT-00-2.4 Thrust Blocking. The Contractor shall be responsible for all thrust blocking in accordance with the local ordinances and requirements and as shown on the plans. All blocking shall be considered incidental to the respective UT-00 pay item.

CONSTRUCTION METHODS

UT-01-3.1 General. All water main and service line installation and restoration shall conform to the Standards and be performed in accordance with all State, Federal, Local codes and regulations. All methods shall adhere to the best practices of the water utility industry.

UT-01-3.2 Restoration. Where sod has been removed, it shall be replaced as soon as possible after the backfilling is completed. All areas disturbed by the work shall be restored to its original condition. The restoration shall include topsoiling, seeding, and mulching shown on the plans. The Contractor shall be held responsible for maintaining all disturbed surfaces and replacements until final acceptance. All restoration shall be considered incidental to the respective UT-01 pay item.

METHOD OF MEASUREMENT

UT-01-4.1. The length of pipe shall be the number of linear feet of pipe in place, completed, and approved; measured along the centerline of the pipe. The classes, types, and sizes shall be measured separately. All fittings, thrust blocks, excavation, backfill, and items incidental to the installation of the piping shall be included in the footage as typical pipe sections in the pipeline being measured.

UT-01-4.2. The quantity of meter pits shall be the number of each installed, completed and approved.

METHOD OF PAYMENT

UT-01-5.1. Domestic Waterline. Payment will be made at the contract unit price per linear foot for each size of pipe. These prices shall be full compensation for furnishing all materials, for all preparation, excavation, backfill, and installations of these materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

UT-01-5.2. Meter Pits. Payment will be made at the contract unit price per each for of the meter pits installed and approved. These prices shall be full compensation for furnishing all materials and for all preparation, excavation, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

Supplemental Technical Specifications

Payment will be made under:

UT-01-5.1	2" C900 PVC Domestic Waterline – Per Linear Foot
UT-01-5.2	1.5" Meter Pit – Per Each

END OF ITEM UT-01

UT-02 Sanitary Sewer

DESCRIPTION

UT-02-1.1. This item shall consist of furnishing and installing sanitary sewer piping and related components meeting the material and dimensions as indicated in the plans and specified below.

MATERIALS

UT-02-2.1. Materials shall meet the requirements shown on the plans and specified below.

UT-02-2.2. Materials shall be in conformance with the City of Terre Haute Standards and Specifications, latest edition.

CONSTRUCTION METHODS

UT-02-3.1 General. All sanitary sewer line installation and restoration shall conform to the Standards and be performed in accordance with all State, Federal, Local codes and regulations. All methods shall adhere to the best practices of the sanitary utility industry.

UT-02-3.2 Restoration. Where sod has been removed, it shall be replaced as soon as possible after the backfilling is completed. All areas disturbed by the work shall be restored to its original condition. The restoration shall include topsoiling, seeding, and mulching shown on the plans. The Contractor shall be held responsible for maintaining all disturbed surfaces and replacements until final acceptance. All restoration shall be considered incidental to the respective UT-02 pay item.

METHOD OF MEASUREMENT

UT-02-4.1. The length of pipe shall be the number of linear feet of pipe in place, completed, and approved; measured along the centerline of the pipe. The classes, types, and sizes shall be measured separately. All fittings, excavation, backfill, and items incidental to the installation of the piping shall be included in the footage as typical pipe sections in the pipeline being measured.

UT-02-4.2. The quantity of manholes shall be the number of each installed, completed and approved.

UT-02-4.3. The quantity of cleanouts shall be the number of each installed, completed and approved.

METHOD OF PAYMENT

UT-02-5.1. Sanitary Sewer. Payment will be made at the contract unit price per linear foot for each size of pipe. These prices shall be full compensation for furnishing all materials, for all preparation, excavation, backfill, and installations of these materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

UT-02-5.2. Manholes. Payment will be made at the contract unit price per each for of the manholes installed and approved. These prices shall be full compensation for furnishing all materials and for all preparation, excavation, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

UT-02-5.3. Cleanouts. Payment will be made at the contract unit price per each for of the cleanouts installed and approved. These prices shall be full compensation for furnishing all materials and for all preparation, excavation, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

Payment will be made under:

Supplemental Technical Specifications

UT-02-5.1	6" SDR 35 PVC Sanitary Lateral – Per Linear Foot
UT-02-5.2	48" Manhole, Type C – Per Each
UT-02-5.3	Sanitary Cleanout – Per Each

END OF ITEM UT-02

SP-03 SPECIALIZED FOUNDATIONS

DESCRIPTION

SP-03-1.1. This item shall consist of designing, furnishing and installing the specialized foundations as described in the Project Manual CTL Geotechnical Report: Section IV.B dated June 25, 2024 and the Section 03300 CAST-IN-PLACE CONCRETE 1.2.B.1.

SP-03-1.2. This item shall consist of designing, furnishing and installing the compacted aggregate base below the CAST-IN-PLACE Concrete hangar floor slab.

SP-03-1.3. The Contractor will design the specialized foundations with the foundations for the pre-engineered metal building load reactions and per the CTL Geotechnical Report: Section dated June 25, 2024.

SP-03-1.4. This item shall consist of but not limited to earthwork excavation, stockpiling, and backfilling. There shall be no separate payment for this work.

METHOD OF MEASUREMENT

SP-03-2.1. The quantity of specialized foundations will be measured as lump sum.

METHOD OF PAYMENT, BASIS OF PAYMENT

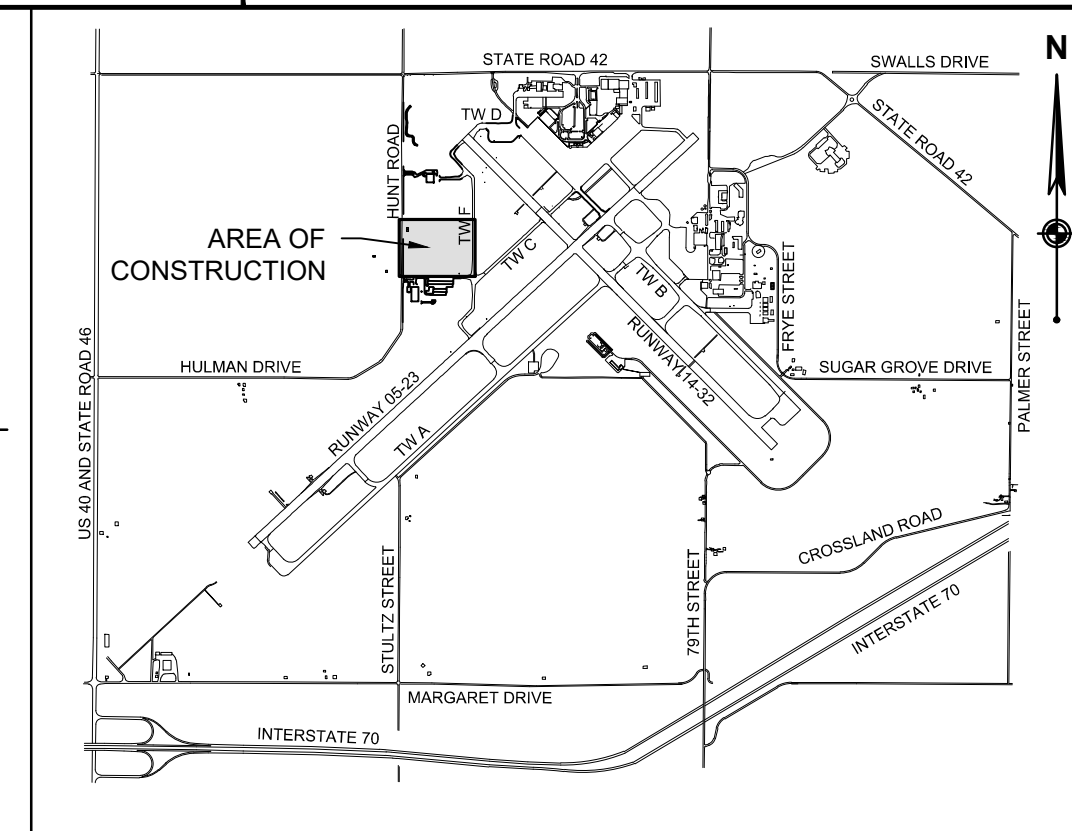
SP-03-3.1 Payment will be made at the contract lump sum price for the specialized foundations. This work shall include furnishing all necessary personnel, equipment, incidentals and supplies to accomplish the work.

Payment will be made under:

Item SP-03 Specialized Foundations -- Lump Sum

LEGEND

<ul style="list-style-type: none"> EXISTING TAXIWAY REFLECTOR EXISTING TAXIWAY EDGE/EXIT LIGHT EXISTING INLET/MANHOLE EXISTING HANDHOLE/BASE CAN EXISTING CABLE/DUCT MARKER EXISTING ELECTRIC DUCT EXISTING SIGN EXISTING GUIDANCE SIGN EXISTING FIRE HYDRANT EXISTING WATER VALVE 	<ul style="list-style-type: none"> EXISTING BUILDING EXISTING FENCE LINE EXISTING PAVEMENT EXISTING ELECTRICAL LINE EXISTING TELEPHONE LINE EXISTING GAS LINE EXISTING WATER LINE EXISTING STORM DRAIN EXISTING CONTOURS (1 FT/5 FT) EXISTING SPOT ELEVATIONS 	<ul style="list-style-type: none"> PROPOSED HANGAR BUILDING PROPOSED ASPHALT PAVEMENT PROPOSED CONCRETE STOOP PROPOSED PAVEMENT RESURFACING AREA PROPOSED CONTOURS (.2 FT/1 FT) PROPOSED SPOT ELEVATIONS PROPOSED SLOTTED DRAIN PROPOSED STORM DRAIN PROPOSED STORM INLET/END SECTION/MANHOLE PROPOSED SANITARY SEWER PROPOSED ELECTRIC LINE (BY OTHERS) PROPOSED WATER LINE PROPOSED WATER HYDRANT/ VALVE/ TEE/ REDUCER PROPOSED GAS LINE (BY OTHERS) PROPOSED TAXIWAY OBJECT FREE AREA
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AIRPORT KEY MAP

GRADING NOTES

- THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXTENT OF EARTHWORK REQUIRED PRIOR TO SUBMITTING THEIR BID. CONTRACTOR SHALL COORDINATE STAGING AREA AND HAUL ROUTES WITH ENGINEER PRIOR TO BID SUBMISSION.
- REFER TO BORING LOGS IN GEOTECHNICAL INVESTIGATION (PROVIDED UPON REQUEST) FOR SPECIFIC SUBGRADE INFORMATION.
- CONTRACTOR SHALL LOCATE AND COORDINATE ALL UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONTACT AND COORDINATE ALL ACTIVITIES WITH ANY UTILITY COMPANY WHOSE FACILITIES MAY BE DISTURBED BY CONSTRUCTION OPERATIONS. FAILURE TO DO SO WILL NOT BE REASON FOR A CLOSURE EXTENSION. CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO NOT TO CAUSE DAMAGE.
- ALL EROSION CONTROL ITEMS ARE TO BE INSTALLED PRIOR TO CONSTRUCTION. EROSION CONTROL ITEMS DEPENDENT UPON THE INSTALLATION OF AN ASSOCIATED ITEMS, ARE TO BE INSTALLED IMMEDIATELY FOLLOWING THE COMPLETION OF THE ASSOCIATED PIPE OR STRUCTURE.
- ALL PROPOSED CONTOURS AND SURFACES HAVE BEEN DEVELOPED USING AUTOCAD CIVIL 3D SOFTWARE. ALL VOLUMES HAVE BEEN DERIVED FROM THE CIVIL 3D SOFTWARE WHICH USES THE AVERAGE END AREA METHOD.
- QUANTITIES LISTED IN THE TABLE DO NOT INCLUDE VOLUMES OF EXCAVATION FOR ANY PROPOSED UNDERGROUND STRUCTURES OR VOLUMES OF BACKFILL EXISTING STRUCTURES TO BE REMOVED. THESE ARE CONSIDERED INCIDENTAL TO THEIR ASSOCIATED STRUCTURE PAY ITEMS AND ARE NOT MEASURED OR PAID FOR DIRECTLY.
- THE VOLUMES OF CUT AND FILL INDICATED REPRESENT THE P-152 UNCLASSIFIED EXCAVATION LINE ITEMS, AS LISTED IN THE SUMMARY OF QUANTITIES TABLE ON THIS SHEET.
- A SHRINKAGE FACTOR OF 25% HAS BEEN ASSUMED FOR THE PLACEMENT AND COMPACTION OF FINAL FILL QUANTITIES. A SWELL FACTOR OF 10% HAS BEEN ASSUMED FOR THE REMOVAL OF CUT QUANTITIES.
- TOPSOIL DEPTH OF 8-10" FOR THE WORK AREA DETERMINED FROM BORING LOGS IN GEOTECHNICAL INVESTIGATION IN SPECIFICATIONS.
- CONTRACTOR MAY UNDERCUT AREAS WITHIN THE PROPOSED GRADING LIMITS TO OBTAIN QUALITY FILL. UNDERCUT AREAS SHALL THEN BE BACKFILLED WITH EXCESS TOPSOIL FROM STRIPPING. COST TO BE INCLUDED IN P-152 UNCLASSIFIED EXCAVATION.
- IF CONTRACTOR BELIEVES THAT HE/SHE CANNOT OBTAIN ENOUGH QUALITY FILL MATERIAL FROM ON SITE, THEN OFF-SITE BORROW AND HAULING SHOULD BE INCLUDED IN HIS/HER COST FOR PAY ITEM P-152 UNCLASSIFIED EXCAVATION.
- THE REMOVAL OF UNSUITABLE SOIL FOR PAVEMENT SUBGRADE PREPARATION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE OF P-152 UNCLASSIFIED EXCAVATION-SUBGRADE REPAIR (UNDISTRIBUTED). FILLING OF THE UNDERCUT SOIL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE OF P-152 IF BORROW IS REQUIRED.
- PAYMENT WILL NOT BE MADE FOR DOUBLE-HANDLING OF MATERIALS.
- STOCKPILES, IF REQUIRED, WILL BE IDENTIFIED BY THE ENGINEER AND/OR OWNER ON SITE. CONTRACTOR TO DISPOSE OF SOIL WASTE IN THE STOCKPILE AREA OR AS DIRECTED. CONTRACTOR IS REQUIRED TO SEPARATE TOPSOIL AND FILL MATERIAL IN THE GRADING PROCESS. NO STOCKPILES ARE PERMITTED WITHIN THE SAFETY AREA OR THE OBJECT FREE AREA OF THE AIRFIELD.
- TOPSOIL PLACEMENT IS REQUIRED IN ALL SEEDING AREAS IN ACCORDANCE WITH P-152 UNCLASSIFIED EXCAVATION AND T-905 TOPSOILING, UNLESS OTHERWISE NOTED IN THE PLANS. CONTRACTOR TO PLACE A MINIMUM 4" OF TOPSOIL IN ALL AREAS DESIGNATED TO BE SEEDDED.
- SEE THE SANITARY SEWER PLAN FOR INFORMATION FOR THE PROPOSED SANITARY SEWER LINE.
- THE EARTHWORK ON THE PROJECT MAY YIELD EXCESS MATERIAL. ALL EXCESS MATERIAL SHALL BE LEFT AS PROPERTY OF THE AIRPORT AND STOCKPILED AT THE AIRPORT'S STOCKPILE, AT THE DIRECTION OF THE ENGINEER. COSTS TO ACQUIRE MATERIAL FROM THE STOCKPILE OR FROM OFFSITE SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
- PROPOSED GRADING IS SHOWN PER THE HANGAR DIMENSIONS SHOWN. SHOULD ADDITIONAL GRADING QUANTITY BE NEEDED FOR ALTERNATE HANGAR DIMENSIONS, QUANTITY WILL BE ADDRESS BY CHANGE ORDER AND APPROVED BY THE OWNER AND ENGINEER.
- CONTRACTOR SHALL PROTECT EXISTING PAVEMENT EDGES. ANY DAMAGE RESULTING FROM CONTRACTOR SHALL BE PAID FOR AT CONTRACTOR'S EXPENSE.
- ANY WORK ITEMS NOT SPECIFICALLY PAID FOR OR ADDRESSED ARE TO BE INCLUDED WITHIN OTHER PAY ITEMS.
- ALL EARTHEN AREAS DISTURBED OUTSIDE OF THE PROJECT LIMITS DURING CONSTRUCTION SHALL HAVE TEMPORARY SEEDING AND MULCHING, AS REQUIRED, AT NO ADDITIONAL COST.
- CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IN ALL AREAS. GRADING CONTRACTOR SHALL TEST FOR ANY PONDING CONDITIONS AFTER CONSTRUCTION AND CORRECT, AS REQUIRED, AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM NEW GRADING AREAS TO EXISTING FEATURES AS NECESSARY.
- CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF ANY PERCEIVED DISCREPANCIES IN EARTHWORK QUANTITIES PRIOR TO BIDDING. REFER TO CONSTRUCTION ENGINEERING NOTES FOR INFORMATION REGARDING FINAL EARTHWORK QUANTITY VERIFICATION.
- QUANTITIES LISTED IN THE TABLE DO NOT INCLUDE VOLUMES OF EXCAVATION FOR FOUNDATIONS OR FOUNDATION UNDERCUTTING. THESE ARE CONSIDERED INCIDENTAL TO THE ASSOCIATED SPECIALIZED FOUNDATION. PAY ITEM ARE NOT MEASURED OR PAID FOR DIRECTLY. EXCESS EARTHWORK FOR FOUNDATIONS WILL BE REQUIRED TO BE PLACED IN THE STOCKPILE SHOWN IN THE PLANS WITH NO EXTRA PAYMENT. REFER TO SP-03 SPECIALIZED FOUNDATION.

ISSUED FOR BID

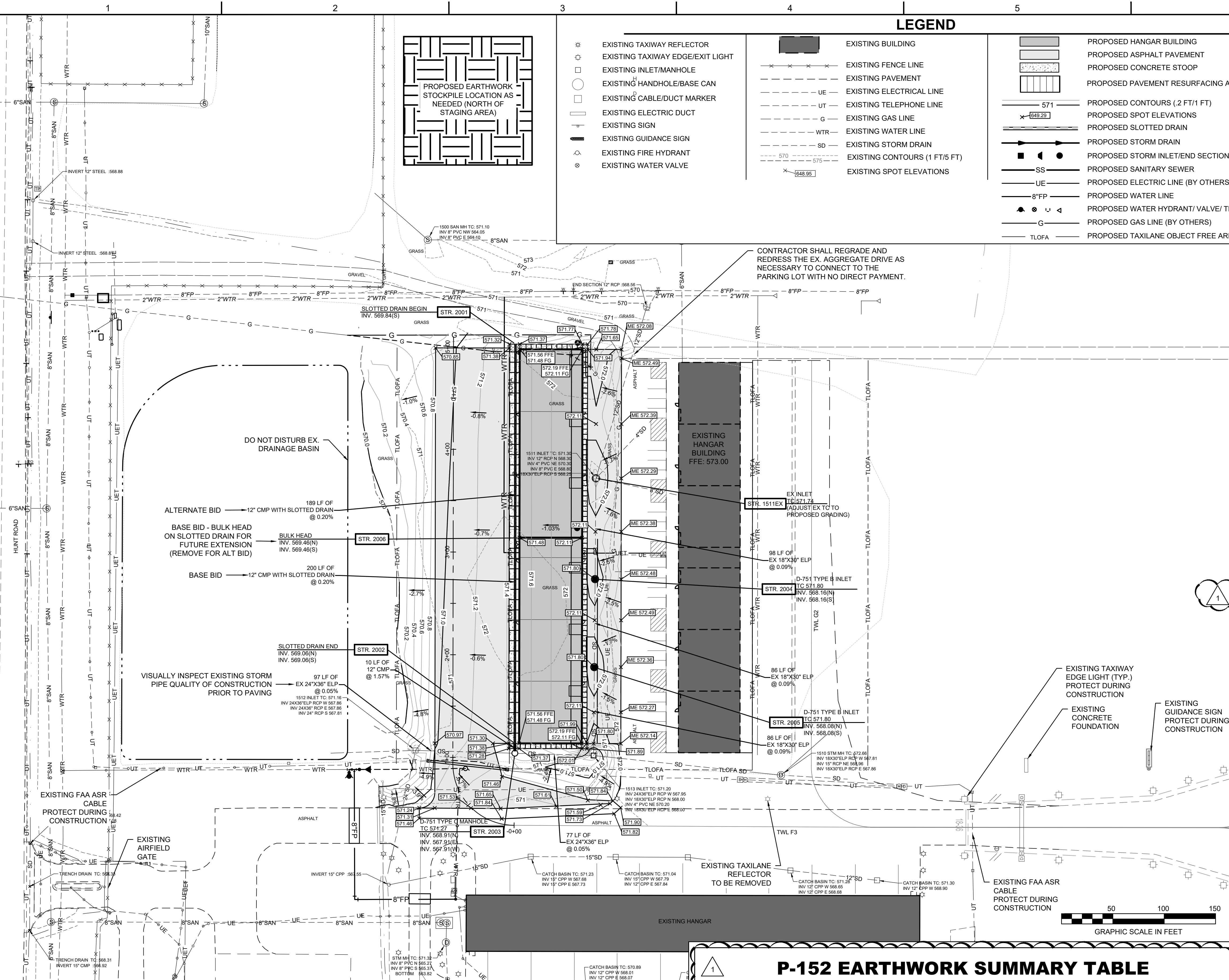
ISSUANCE SCHEDULE	DESCRIPTION
NUMBER	DATE
1	11/09/2024
	ADDENDUM NO. 2

**TERRE HAUTE INTL. AIRPORT
 WEST QUAD 6 UNIT BOX HANGAR (PHASE 2)**

PROJECT NO:	10019658
DATE ISSUED:	10/18/2024
DESIGNED BY:	VAS
DRAWN BY:	GCF
CHECKED BY:	CJS

**SHEET NAME:
 GRADING AND
 DRAINAGE PLAN**

SHEET NO:
CG101



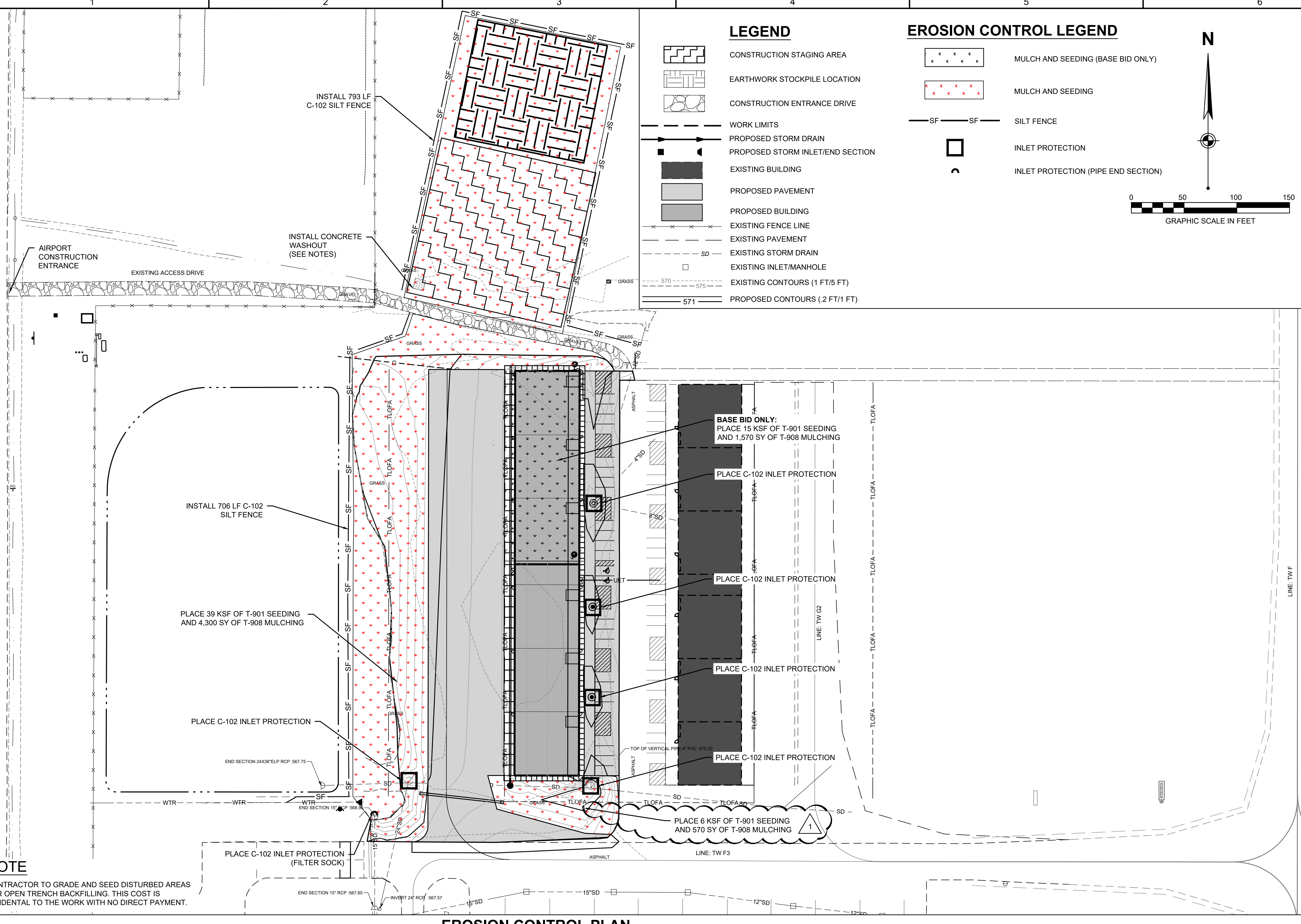
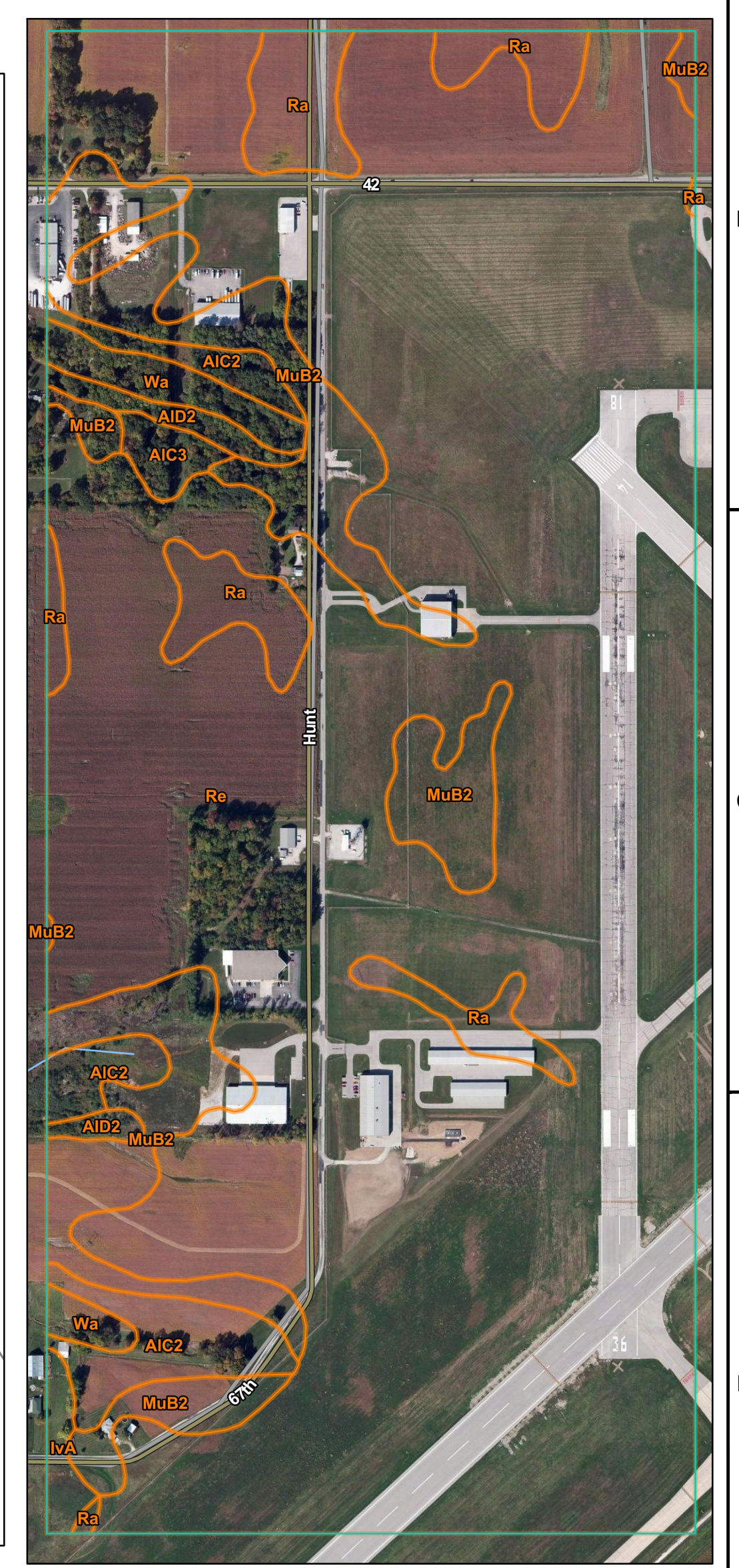
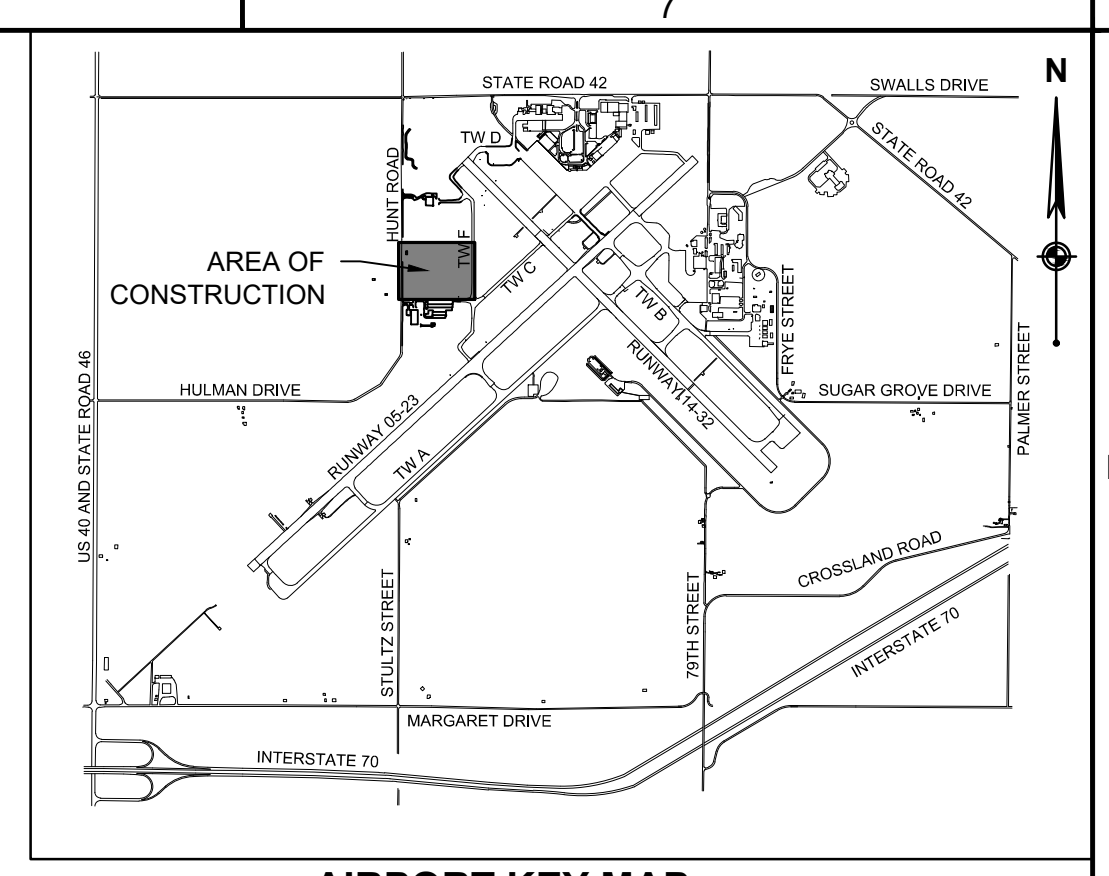
- NOTES:**
- CEMENT MODIFIED SOIL - SOFT YIELDING SUBGRADE AREAS APPEARING DURING PROOF-ROLLING OPERATION SHALL, AT THE ENGINEER'S DIRECTION, BE CORRECTED ACCORDING TO THE P-156 CONTRACT SPECIFICATIONS. THIS ITEM MAY ALSO BE USED AT THE ENGINEER'S DISCRETION TO STABILIZE SOFT YIELDING AREAS IN EXISTING GRADE PRIOR TO COMMENCING OPERATIONS. THIS DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY DISK AND DRYING, PER P-152, PRIOR TO CEMENT APPLICATION IF REASONABLE.

GRADING PLAN VIEW

	BASE BID		ALTERNATE BID	
	CUT	FILL*	CUT	FILL
TOPSOIL STRIPPING (AVERAGE 9")	2,900 CY	---	2,900 CY	---
ADJUSTED QUALITY CUT/FILL (SEE NOTE 8)	1,126 CY	1,100 CY	1,126 CY	730 CY
P-152-4.1 UNCLASSIFIED EXCAVATION	1,126 CY	---	1,126 CY	---
P-152-4.3 TOPSOIL OR QUALITY MATERIAL STOCKPILED/WASTED ON PROPERTY	---	2,203 CY	---	2,750 CY
T-905-5.1 TOPSOIL (OBTAINED ON SITE OR REMOVED FROM STOCKPILE) (4")	---	723 CY	---	546 CY

NOTE: ADDITIONAL EARTHWORK HAS BEEN ADDED TO THE BASE BID TO PROVIDE FOR DRAINAGE IN THE 3 UNITS NOT CONSTRUCTED.

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 Last Saved By: Sullivan, T
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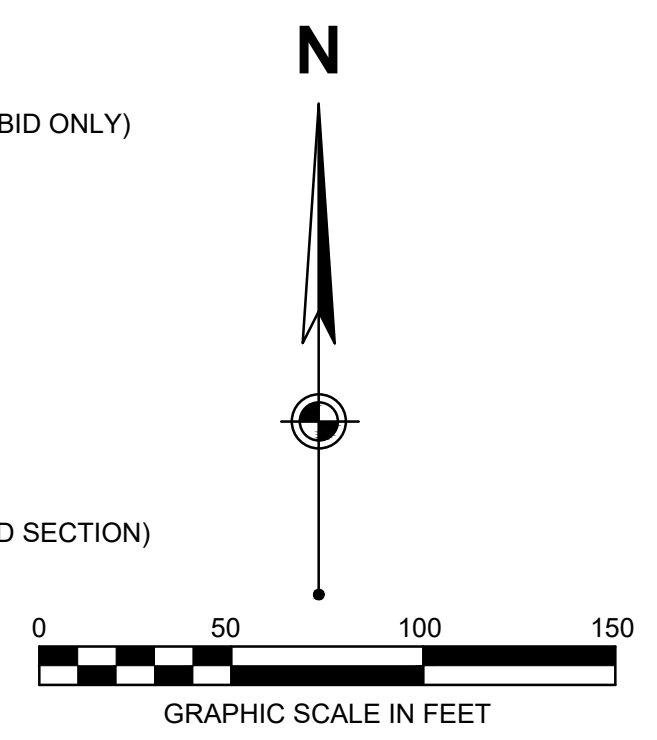


LEGEND

[Symbol]	CONSTRUCTION STAGING AREA
[Symbol]	EARTHWORK STOCKPILE LOCATION
[Symbol]	CONSTRUCTION ENTRANCE DRIVE
[Symbol]	WORK LIMITS
[Symbol]	PROPOSED STORM DRAIN
[Symbol]	PROPOSED STORM INLET/END SECTION
[Symbol]	EXISTING BUILDING
[Symbol]	PROPOSED PAVEMENT
[Symbol]	PROPOSED BUILDING LINE
[Symbol]	EXISTING FENCE LINE
[Symbol]	EXISTING PAVEMENT
[Symbol]	EXISTING STORM DRAIN
[Symbol]	EXISTING INLET/MANHOLE
[Symbol]	EXISTING CONTOURS (1 FT/5 FT)
[Symbol]	PROPOSED CONTOURS (2 FT/1 FT)

EROSION CONTROL LEGEND

[Symbol]	MULCH AND SEEDING (BASE BID ONLY)
[Symbol]	MULCH AND SEEDING
[Symbol]	SILT FENCE
[Symbol]	INLET PROTECTION
[Symbol]	INLET PROTECTION (PIPE END SECTION)



NOTE
 CONTRACTOR TO GRADE AND SEED DISTURBED AREAS FOR OPEN TRENCH BACKFILLING. THIS COST IS INCIDENTAL TO THE WORK WITH NO DIRECT PAYMENT.

EROSION CONTROL PLAN

EROSION CONTROL NOTES

- ALL EROSION CONTROL ITEMS IDENTIFIED SHALL BE INSTALLED IN THE LOCATION IDENTIFIED ON THE PLANS AND PER THEIR ASSOCIATED DETAILS. ITEM SHALL ALSO BE MAINTAINED UNTIL PROJECT SITE HAS STABILIZED. REMOVAL OF ALL EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR ASSOCIATED ITEM.
- ALL EROSION CONTROL ITEMS ARE TO BE INSTALLED PRIOR TO CONSTRUCTION. EROSION CONTROL ITEMS DEPENDENT UPON THE INSTALLATION OF AN ASSOCIATED ITEM, ARE TO BE INSTALLED IMMEDIATELY FOLLOWING THE COMPLETION OF THE ASSOCIATED PIPE OR STRUCTURE.
- ALL DISTURBED AREAS OUTSIDE OF IDENTIFIED AREAS SHALL BE SEEDED AND MULCHED PER T-901 AND T-908, AFTER COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND PRIOR TO LEAVING SITE. (COST INCIDENTAL)
- TEMPORARY DRAINAGE TO BE MAINTAINED BY THE CONTRACTOR DURING EXTENT OF CONSTRUCTION WORK.
- SILT FENCE AND INLET PROTECTORS TO BE INSTALLED PRIOR TO CONSTRUCTION IF LOCATION IS NOT AFFECTED BY GRADING OPERATIONS. SILT FENCE IMPACTED, OR DEPENDENT UPON, EXCAVATED AREAS SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE PLACEMENT AND COMPACTION OF FILL AREAS OR INSTALLATION OF DRAINAGE STRUCTURES
- THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORMWATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIALS, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED.
- PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
- THE EROSION CONTROL SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
- CONTRACTOR SHALL DEVELOP A MUD CONTROL PROGRAM AND SHALL ENFORCE IT DURING THE ENTIRE CONSTRUCTION PERIOD. HUNT ROAD AND STATE ROAD 42 SHALL REMAIN FREE OF MUD DURING THE ENTIRE CONSTRUCTION PERIOD. ALL VEHICLES MUST BE MUD FREE BEFORE LEAVING THE CONSTRUCTION SITE. THE ENGINEER SHALL APPROVE THE MUD CONTROL PROGRAM 30 DAYS PRIOR TO COMMENCING EARTHWORK ACTIVITIES.
- CONTRACTOR SHALL DEVELOP A DUST CONTROL PROGRAM FOR THE ENTIRE CONSTRUCTION PERIOD AND MAINTAIN THE PROGRAM UNTIL THE ENTIRE SITE IS STABILIZED.
- ALL STRUCTURES, MATERIAL, OR EQUIPMENT TO BE REMOVED ARE TO BE HAULED OFFSET AND DISPOSED OF PROPERLY UNLESS REQUESTED BY THE OWNER.
- NO WORK SHALL BEGIN WITHOUT AN APPROVED SCHEDULE AND 48 HOUR NOTICE TO AIRPORT MANAGER AND ENGINEER.
- ALL DISTURBED AREAS TO BE SEEDED AND MULCHED UNLESS ALTERED TREATMENT IS SPECIFIED
- CONTRACTOR SHALL BE RESPONSIBLE FOR ONSITE AND OFFSITE CLEANUP AND TEMPORARY DRAINAGE INCLUDING BUT NOT LIMITED TO SILT IN PIPES AND DEBRIS ON PAVEMENT/GRASS.
- TEMPORARY SEEDING MAY BE NECESSARY DURING MAINTENANCE OF EROSION CONTROL. IF NECESSARY, ITEM TO BE PAID FOR UNDER P-156 TEMPORARY SEEDING (UNDISTRIBUTED).

MAP LEGEND

[Symbol]	Area of Interest (AOI)
[Symbol]	Area of Interest (AOI)
[Symbol]	Soil Map Unit Polygons
[Symbol]	Soil Map Unit Points
[Symbol]	Special Point Features
[Symbol]	Blowout
[Symbol]	Borrow Pit
[Symbol]	Clay Spot
[Symbol]	Closed Depression
[Symbol]	Gravel Pit
[Symbol]	Gravel Spot
[Symbol]	Landfill
[Symbol]	Lava Flow
[Symbol]	Marsh or Swamp
[Symbol]	Mine or Quarry
[Symbol]	Miscellaneous Water
[Symbol]	Paludal Water
[Symbol]	Rock Outcrop
[Symbol]	Saltine Spot
[Symbol]	Sandy Spot
[Symbol]	Severely Eroded Spot
[Symbol]	Sinkhole
[Symbol]	Slide or Slip
[Symbol]	Sodic Spot
[Symbol]	Spot Area
[Symbol]	Stony Spot
[Symbol]	Very Stony Spot
[Symbol]	Wet Spot
[Symbol]	Other
[Symbol]	Special Line Features
[Symbol]	Streams and Canals
[Symbol]	Rails
[Symbol]	Interstate Highways
[Symbol]	US Routes
[Symbol]	Major Roads
[Symbol]	Local Roads
[Symbol]	Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Vigo County, Indiana
 Survey Area Date: Version 22, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 9, 2011—Oct 4, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AIC2	Afford silt loam, 5 to 10 percent slopes, eroded	12.4	3.2%
AIC3	Afford silt loam, 5 to 10 percent slopes, severely eroded	2.2	0.6%
AID2	Afford silt loam, 10 to 18 percent slopes, eroded	3.1	0.8%
IvA	Iva silt loam, 0 to 2 percent slopes	2.0	0.5%
MuB2	Maren silt loam, 2 to 6 percent slopes, eroded	41.8	10.8%
Ra	Ragsdale silt loam	17.4	4.5%
Re	Reesville silt loam, 0 to 2 percent slopes	301.6	78.1%
Wa	Wakeland silt loam	5.5	1.4%
Totals for Area of Interest		386.1	100.0%

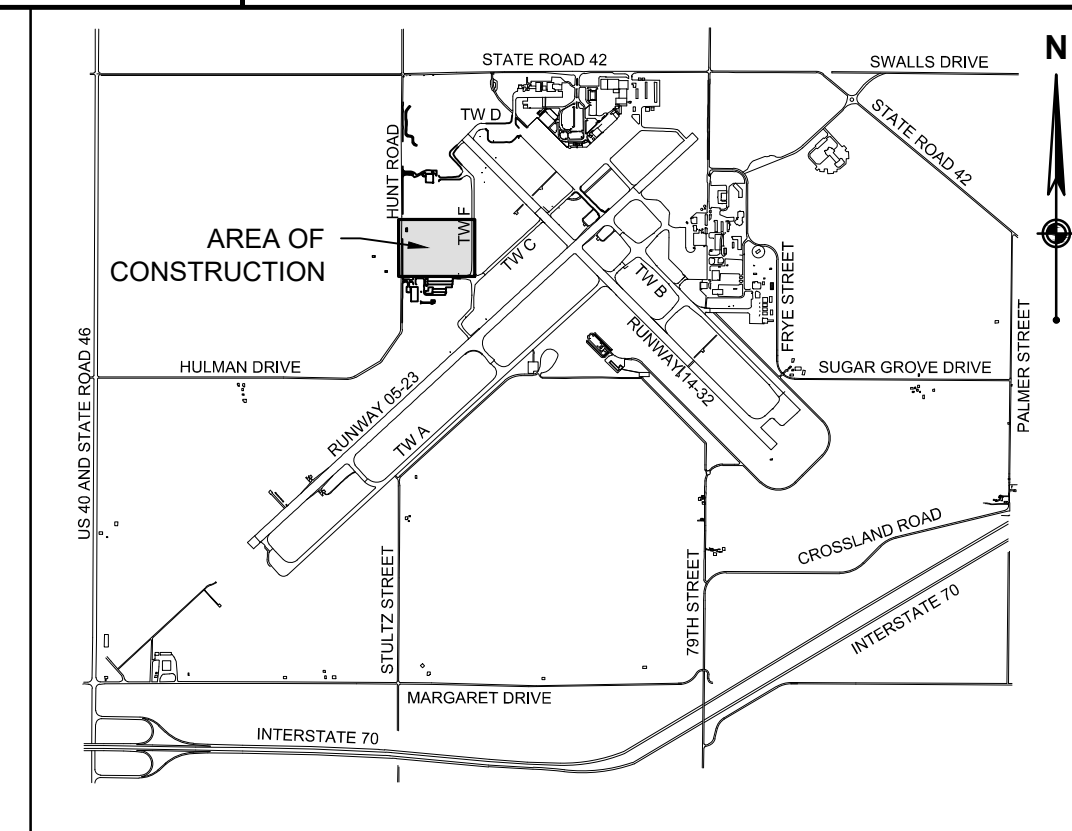


10-18-24

ISSUED FOR BID

LEGEND

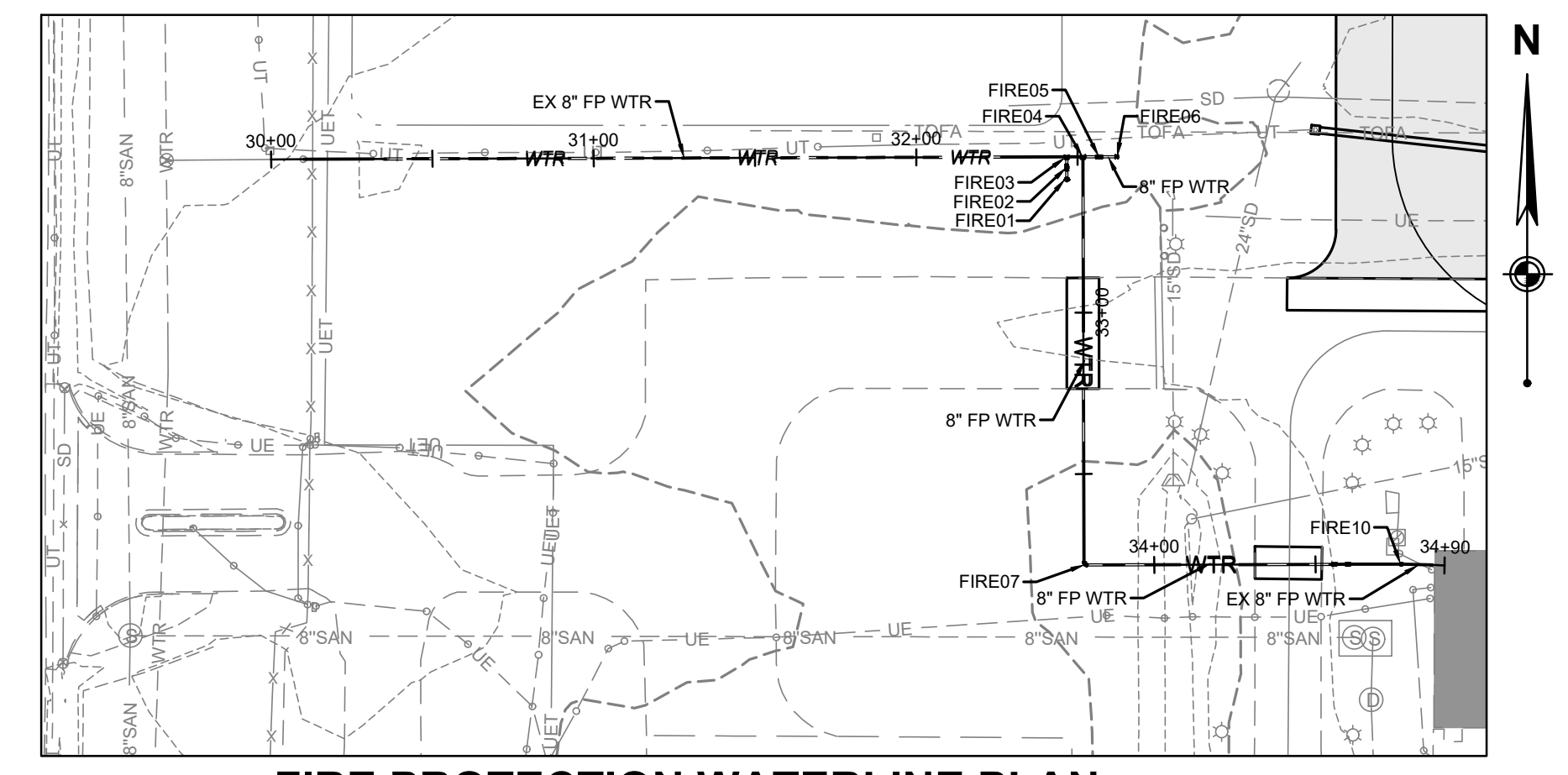
⊗	EXISTING TAXIWAY REFLECTOR	▭	EXISTING BUILDING	▭	PROPOSED HANGAR BUILDING
⊕	EXISTING TAXIWAY EDGE/EXIT LIGHT	---	EXISTING FENCE LINE	▭	PROPOSED ASPHALT PAVEMENT
□	EXISTING INLET/MANHOLE	---	EXISTING PAVEMENT	▭	PROPOSED CONCRETE STOOP
○	EXISTING HANDHOLE/BASE CAN	---	UE	---	PROPOSED TAXILANE OBJECT FREE AREA
▭	EXISTING CABLE/DUCT MARKER	---	UT	---	PROPOSED STORM DRAIN
▭	EXISTING ELECTRIC DUCT	---	G	---	PROPOSED TRENCH DRAIN
+	EXISTING SIGN	---	WTR	---	PROPOSED STORM INLET/END SECTION/MANHOLE
+	EXISTING GUIDANCE SIGN	---	SS	---	PROPOSED SANITARY SEWER
⊕	EXISTING FIRE HYDRANT	---	UE	---	PROPOSED ELECTRIC LINE (BY OTHERS)
⊗	EXISTING WATER VALVE	---	SD	---	PROPOSED WATER LINE
		---	TLOFA	---	PROPOSED WATER HYDRANT/ VALVE/ TEE/ REDUCER
		---		---	PROPOSED GAS LINE (BY OTHERS)



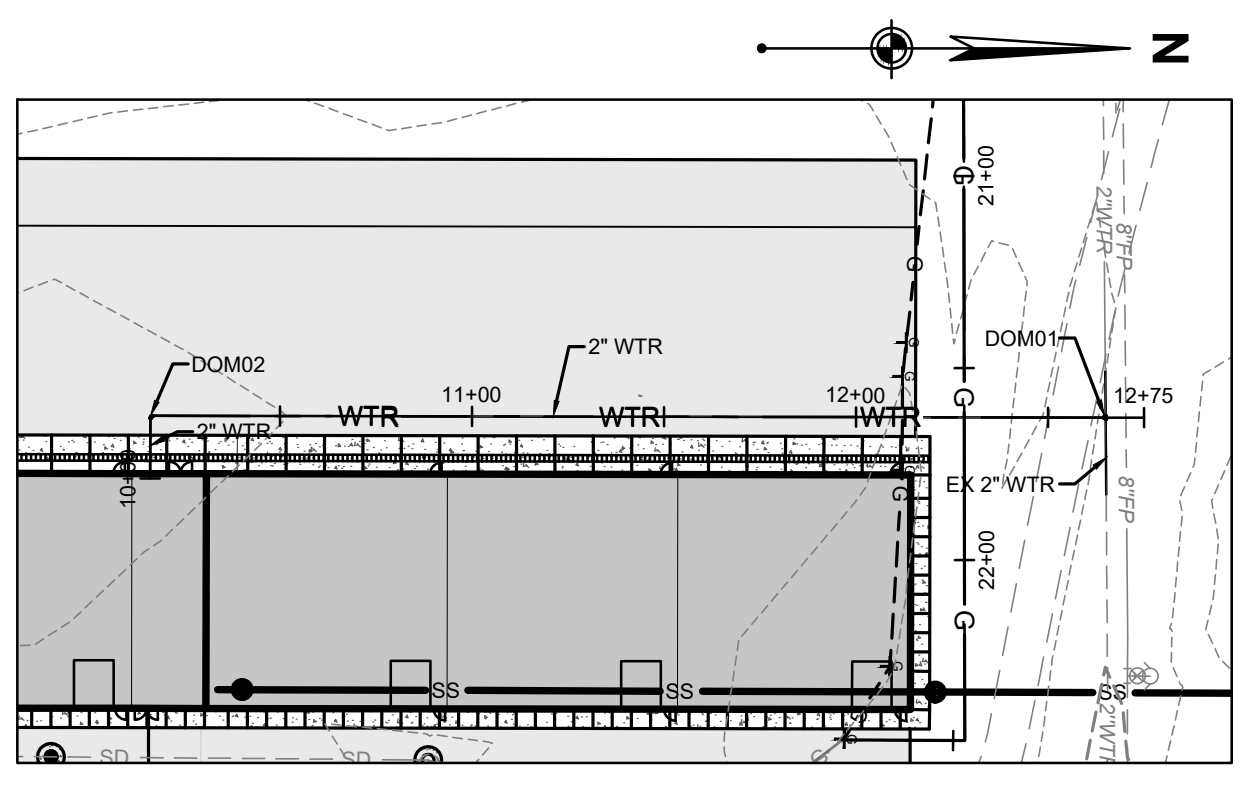
AIRPORT KEY MAP

UTILITY NOTES

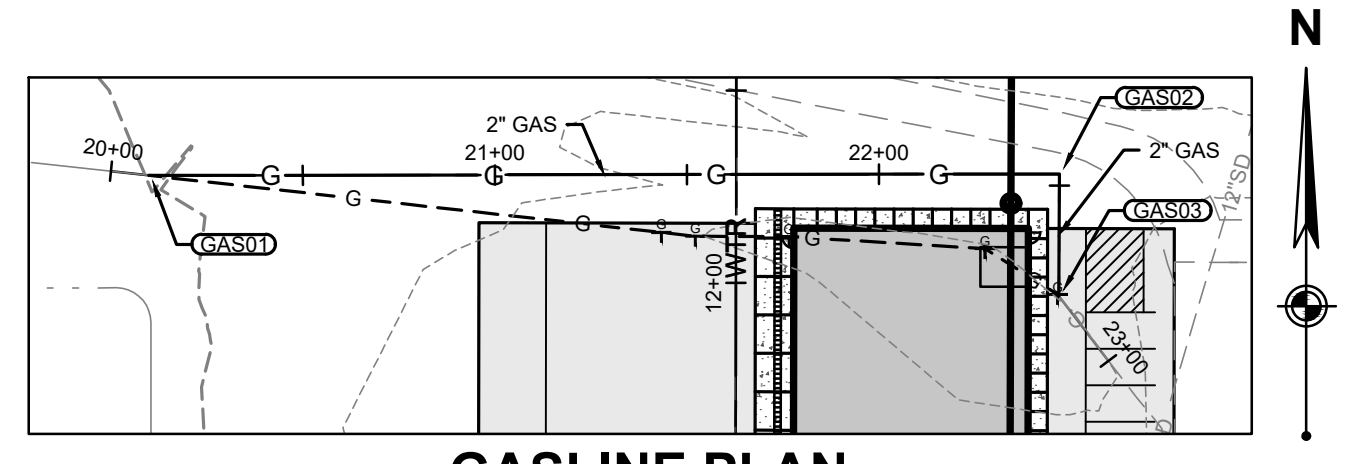
- CONTRACTOR TO COORDINATE INSTALLATION OF ALL UTILITIES WITH LOCAL UTILITY COMPANY/JURISDICTIONAL BODY DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL WORK PERMITS/FEEES FOR INSTALLATION OF UTILITY. LOCAL AND IDEM PERMITS FOR SANITARY MAIN SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- SEE ADDITIONAL UTILITY DETAIL SHEETS FOR MORE INFORMATION.



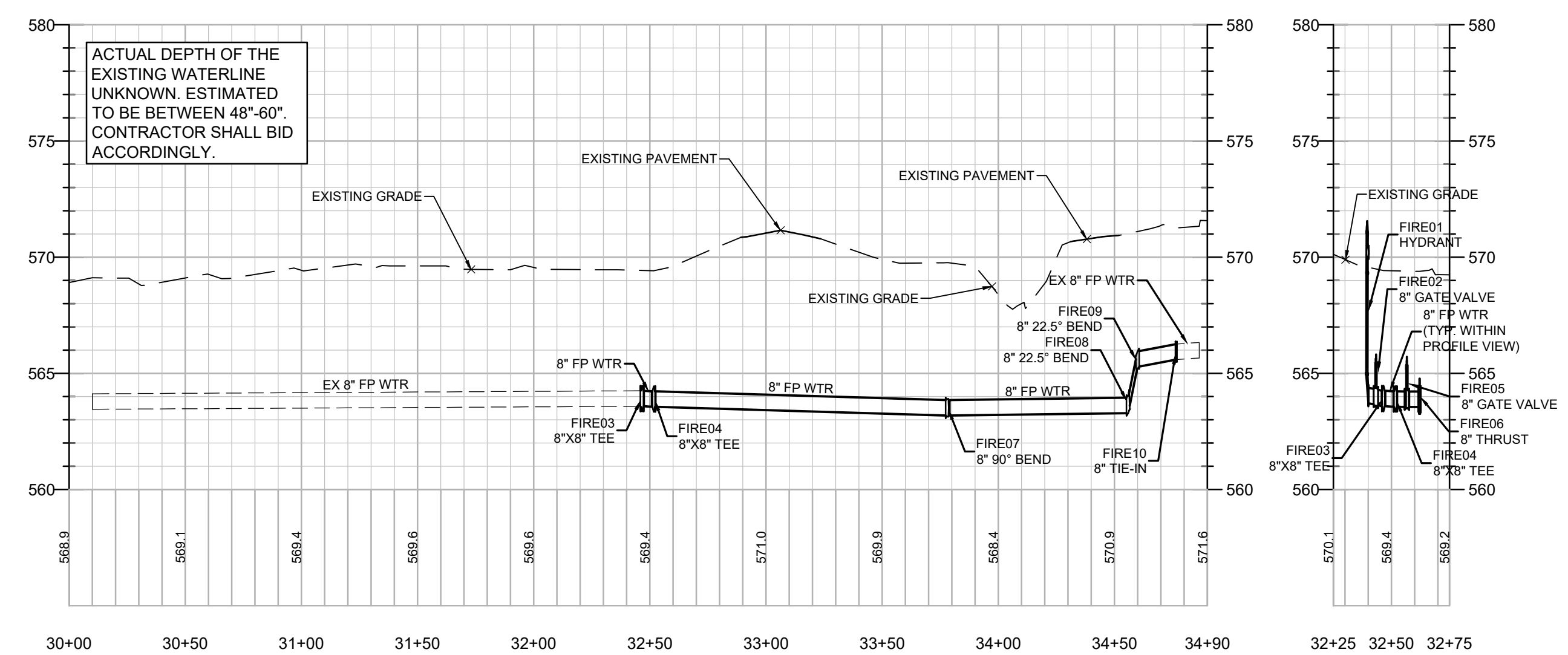
FIRE PROTECTION WATERLINE PLAN



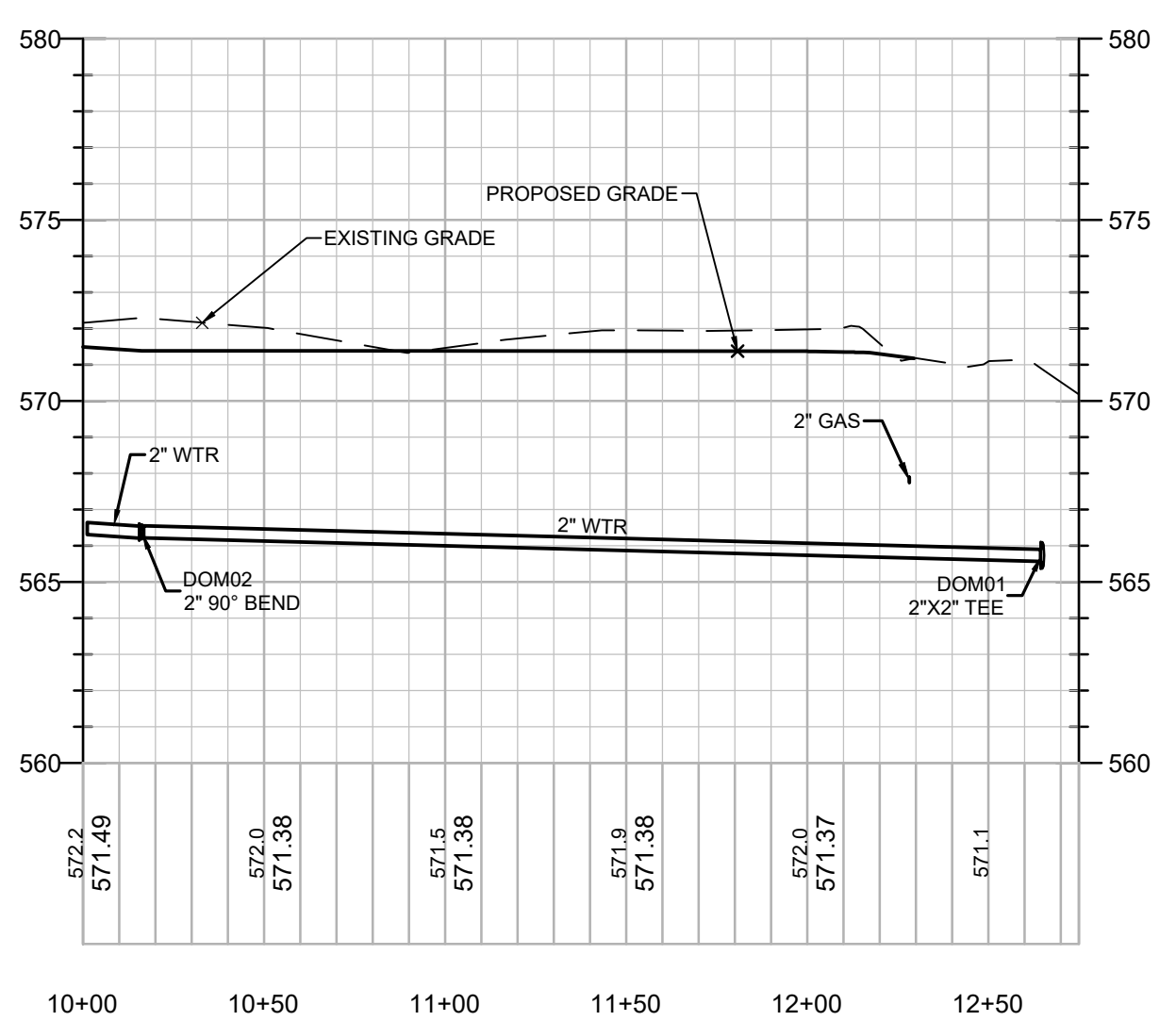
DOMESTIC WATERLINE PLAN



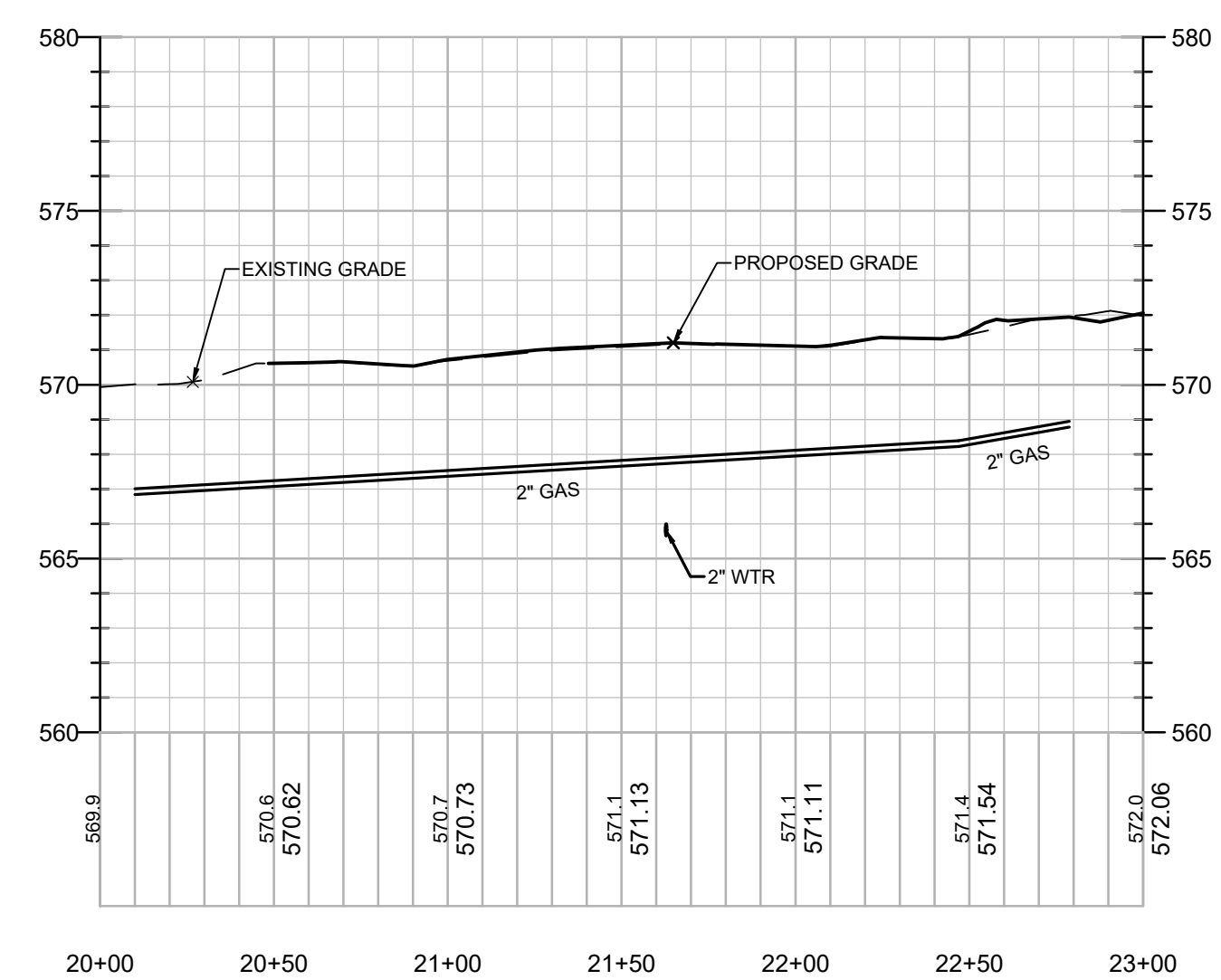
GASLINE PLAN



FIRE PROTECTION WATERLINE PROFILES



DOMESTIC WATERLINE PROFILE



GASLINE PROFILE

WATER STRUCTURE TABLE			
NAME	DESCRIPTION	NORTHING	EASTING
FIRE01	HYDRANT	1531596.53	2887858.46
FIRE02	8" GATE VALVE	1531599.74	2887858.45
FIRE05	8" GATE VALVE	1531603.06	2887868.47
FIRE06	8" THRUST	1531603.08	2887873.95

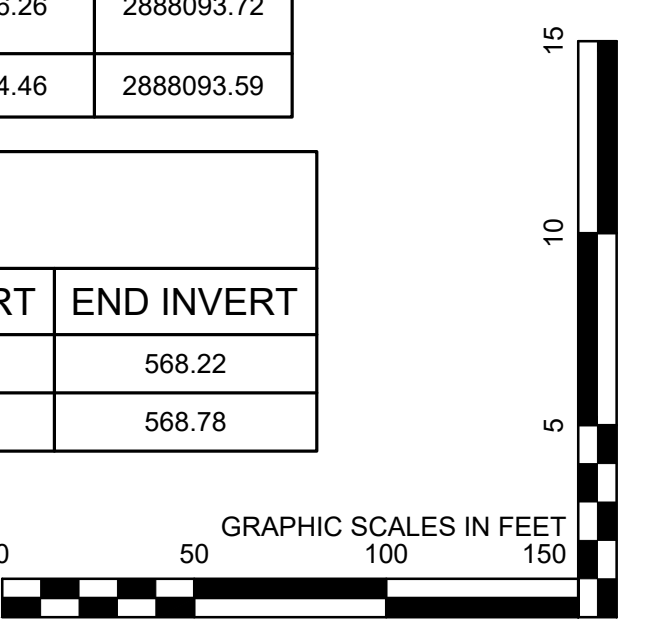
WATER PIPE TABLE					
NAME	LENGTH	SIZE	START INVERT	END INVERT	
FIRE01-FIRE02	3 LF	8" FP WTR	563.7	563.7	
FIRE03-FIRE04	4 LF	8" FP WTR	563.6	563.6	
FIRE04-FIRE07	126 LF	8" FP WTR	563.6	563.2	
FIRE07-FIRE08	77 LF	8" FP WTR	563.2	563.3	
EX-FIRE03	236 LF	EX 8" FP WTR	563.4	563.6	
FIRE02-FIRE03	3 LF	8" FP WTR	563.6	563.6	
FIRE08-EXBLDG	10 LF	EX 8" FP WTR	565.7	565.6	
FIRE05-FIRE06	5 LF	8" FP WTR	563.6	563.6	
FIRE04-FIRE05	4 LF	8" FP WTR	563.6	563.6	
FIRE09-FIRE10	17 LF	8" DI WTR	565.3	565.6	
FIRE08-FIRE09	4 LF	8" DI WTR	563.5	565.1	

WATER FITTING TABLE			
NAME	DESCRIPTION	NORTHING	EASTING
DOM01	2"X2" TEE	1532062.93	2888009.64
DOM02	2" 90° BEND	1531814.19	2888009.20

WATER PIPE TABLE				
NAME	LENGTH	SIZE	START INVERT	END INVERT
DOM02-BLDG	15 LF	2" WTR	566.3	566.2
DOM01-DOM02	248 LF	2" WTR	566.2	565.6
DOM01-EX02	12 LF	EX 2" WTR	565.6	565.6
EX01-DOM01	20 LF	EX 2" WTR	565.6	565.6

GAS STRUCTURE TABLE				
NAME	DESCRIPTION	INVERTS	NORTHING	EASTING
GAS01	TIE-IN	2" (E) = 566.84	1532025.86	2887856.76
GAS02	ELBOW	2" (W) = 568.22 2" (S) = 568.22	1532026.26	2888093.72
GAS03	TIE-IN	2" (N) = 568.78	1531994.46	2888093.59

GAS PIPE TABLE				
NAME	DESCRIPTION	LENGTH	START INVERT	END INVERT
GAS01-GAS02	2" GAS	237 LF	566.84	568.22
GAS02-GAS03	2" GAS	32 LF	568.22	568.78



ISSUANCE SCHEDULE
 NUMBER DATE DESCRIPTION
 1 11/17/2024 ADDENDUM NO. 2

TERRE HAUTE INTL. AIRPORT
WEST QUAD 6 UNIT BOX HANGAR (PHASE 2)

PROJECT NO: 10019658
 DATE ISSUED: 10/18/2024
 DESIGNED BY: GCF
 DRAWN BY: GCF
 CHECKED BY: CJS

SHEET NAME:
WATERLINE AND GAS PLAN AND PROFILE

SHEET NO:
CU202



Meeting Agenda and Minutes: Pre-Bid Conference

AIP Project No. 3-18-0082-057-2024

West Quad Hangar Development Phase II

Terre Haute Airport - Quest Bid No. 9346386

Date: Wednesday, October 23, 2024, 09:00 A.M. ~~EST~~ EDT

Location: Terre Haute Regional Airport Conference Room

Attendees: Sign-in Sheet

Agenda and Minutes:

1. RECORDING OF ATTENDEES

- A. Recording of attendees, firm represented, address and phone number.

2. INTRODUCTIONS

- A. Airport Sponsor.
 - I. Craig Maschino, Airport Director
 - II. Kelsey Veatch, HR and Business Manager
 - III. Karlee Erickson, Director of Operations
- B. Airport Engineering. (Woolpert, Inc.)
 - I. Chris Snyder, P.E., Program Director
 - II. Justin Bessler, Project Manager
 - III. Tori Sullivan, E.I.T.
- C. Project Bids.
 - I. Base Bid: Construct 3-unit box hangar and lounge with 6-unit site development.
 - II. Alternative Bid: Construct 6-unit box hangar and lounge with 6-unit site development.
 - (1) [The project is partially funded by FAA BIL money already guaranteed. Award of the alternative bid depends on bid prices and Airport securing remaining funding.](#)
- D. Major Work Items.
 - I. Pre-Engineered Manufactured Building and Foundations
 - II. Asphalt and Concrete paving per FAA and INDOT standards
 - III. Grading and Drainage
 - IV. Utility installation

3. BID OPENING DATE & TIME

- A. **Date:** **Tuesday November 5th, 2024, 12:00 pm (EST)** [Date will be updated in a future addendum \(Addendum #1\).](#)
- B. **Mailed to:** Craig Maschino
581 S Airport St
Terre Haute, IN 47803
- C. **Opened at:** Terre Haute Regional Airport
581 S Airport St
Terre Haute, IN 47803
Bid security: 5% of bid amount – Division 1-8, Item 19.
- D. **Bid proposal:** Part 2 (complete and submit all Part 2 pages).

Woolpert, Inc.
333 North Alabama Street, Suite 200
Indianapolis, IN 46204
+1 317.223.2263

4. DBE GOALS

- A. 5% of Contract Amount.
- B. Acceptable DBE firms are not limited to firms based within the state in which the project is being constructed, however an out-of-state DBE firm must be certified in that state where the project is located before execution of the contract. Only DBE certified firms, in the project state, count toward DBE participation/goals.

5. QUALIFICATION OF BIDDERS

- A. Qualifications shall be furnished per Part 5 – Construction Management Plan. Each bidder shall furnish the Owner satisfactory evidence of his or her competency and financial responsibility to perform the proposed work.

6. CRITICAL CONTRACT DATES

- A. Notice of Award: December 2024 (Could be adjusted to January with NTP)
- B. Notice to Proceed: January 2025
- C. Project Time: Refer to scope of work for more information.
 - I. Total Project:
 - (1) Base Bid: 150 Calendar Days.
 - (2) Alternate Bid: 210 Calendar Days.

7. BONDING

- A. Payment Bond: 100% of Bid Amount.
- B. Performance Bond: 100% of Bid Amount.

8. NOTICE TO BIDDERS, INSTRUCTION TO BIDDERS - OTHER

- A. FAA Buy American Preference
- B. Fair Labor Standards Act (FLSA)

9. INSURANCE REQUIREMENTS

- A. Refer to Local Provisions.

10. FEDERAL WAGE RATES (DAVIS BACON ACT)

- A. Federal wage rates are required for this project. Refer to Special Provisions.
- B. Contractor and all Subcontractors are required to submit certified payrolls.

11. ENGINEER/RESIDENT PROJECT REPRESENTATIVE (RPR) FIELD OFFICE

- A. Not Required. [Hangar may serve as field office once erected.](#)

12. SCOPE OF WORK AND CONSTRUCTION SAFETY AND PHASING PLAN (CSPP)

- A. Project Scope of Work.
 - I. [Pre-Engineered Metal Building \(PEMB\) for Hangar](#)
 - (1) [Some lounge items are to be provided in the future by others. The building framing must support the future mezzanine.](#)

- (2) Pay Item 133419, Hangar Building is inclusive of all building components including the PEMB, slab/floor, mechanical, plumbing, and electrical, but excluding the foundation.
 - (3) Pay Item 33000, Hangar Building – Specialized Foundations
 - (a) Foundations are to be self-performed. The Contractor must obtain a structural engineer to design foundations to accommodate the selected PEMB.
 - (b) Geotechnical Report noted soft soils at foundations that require 3’ undercutting.
 - (4) Mechanical Elements – Note that fans must be included in each unit.
 - (5) Electrical Power Plan – Note outlet plan and circuit requirements per unit.
 - (6) Site Civil & Pavement Elements
 - (a) The pavement areas are cement stabilized per the Geotechnical Report recommendation. The Engineer also provided additional quantity in case the subgrade below the hangar pad needs stabilized. In the Phase 1 project, not all stabilization quantity was used.
- B. Construction Safety and Phasing Plan (CSPP)
- I. Overall
 - (1) Area C comprises work within the TLOFA.
 - (2) Areas A & B can be accessed simultaneously.
 - (3) Note tenants will have access to the existing auto parking lot.
 - (4) Refer to C-006, Overall Phasing Note 3 – no starting, stopping, and restarting work.
 - (5) Refer to C-006, Completion of Work Table Note 2 – Chris clarified weather days are provided to extend phase durations. The hangar building must be completed by November 30, 2025, regardless of weather days granted.
 - (6) Chris extended an opportunity for bidders to provide feedback on phasing and durations.
 - II. Phase 2
 - (1) Area C duration needs to be kept to a minimum to reduce impacts to users. ARFF access must be maintained through this area. Open trenches will require steel plating.
 - (2) Barricades will need to be moved as directed to provide access to aircraft and ARFF.
 - III. Phase 3
 - (1) Consists of cleanup, touchups, markings, and punchlist activities – 1 day.
- C. The Contractor shall review and adhere to the CSPP prepared by the Engineer.
- D. The Contractor shall submit a Safety Plan Compliance Document (SPCD) (Refer to Part 7, Construction Safety and phasing compliance document) to the engineer and airport operator for approval PRIOR to the issuance of Notice to Proceed as required by FAA Advisory Circular (AC) 150/5370-2G “Operational Safety on Airports During Construction”.

13. ENVIRONMENTAL REQUIREMENTS

- A. Discuss all project specific requirements for environmentally sensitive areas. Discuss protocols for working in and around these sensitive areas. Adherence to these requirements will be strictly enforced.
- B. All changes to haul routes, staging areas, material storage areas, borrow/waste areas, and limits of disturbance will require approval by FAA Environmental.

14. LIQUIDATED DAMAGES

- A. Refer to the plans and the Project Manual. Chris reviewed the liquidated damages including those shown on the Construction Safety Phasing Plans.
- B. As compensation for non-use, the Contractor shall be assessed a liquidated damage for each day that the work remains uncompleted or unit unavailable beyond the contract period.

- I. Liquidated damages of \$30 per unit per unit per day is based on loss in revenue for the occupied box hangar unit. Refer to C-006, Completion of Work Table Note 3. E.g., 2 units unavailable after 11/30 results in $\$30 * 2 = \60 liquidated damages.
- C. As compensation for expenses incurred for unscheduled employment of the Engineer, up to \$1,000/Day for the construction manager plus up to \$500/Day for each additional resident engineer plus any incurred expenses (per diem, lodging, etc.) will be charged to the Contractor for that time which exceeds the number of days allowed in this paragraph. Further, each phase of work under the project has additional liquidated damage clauses, as outlined in the construction safety phasing plans.

15. MISCELLANEOUS

- A. Airport Security/Badging
 - I. The project will require a minimum of two badged employees of the Contractor. One badged personnel must be onsite each day for any and all activities. Further badged employees may be required by the Airport.
 - II. The badging process includes a background check.
- B. Airport Driving – The airport will require driver safety training class (approx. 1 hour) for supervising personnel working in the aircraft movement area.
- C. Review Construction Layout and Safety Drawing C-006 through C-010 – note the Staging Area & Airport Access gate.
- D. Review Construction Layout C-006 through C-010 – the contractor shall install flasher barricades around the perimeter of the construction site bordering the airfield to isolate the contractor from aircraft.
- E. Contractor shall stay within project boundaries. Provide flashers for Contractor vehicles.
- F. Radios for the project to be provided by Contractor.
- G. State Sales & Use Tax Exempt
- H. Quality Assurance testing will be completed by QA Firm under the direction of the Engineer. The Quality Control testing and Quality Assurance testing shall be completed by separate firms.
- I. Quality Control by Contractor – Construction Management Plan.
- J. Construction Management Plan submitted by Contractor. See Local Provisions.
- K. Survey requirements. Refer to Item C-95.
- L. Water availability – Coordination with City and County for water access off Hunt Road. Contractor required to pay for this utility.
- M. Questions will only be taken via written format to the Project Manager until Tuesday, October 29th 12:00PM. Question deadline will be adjusted with the new Bid Opening date.

16. ADDENDUM UPDATES

- A. Water line, including profile
- B. Earth work updates, including P-152 Earthwork Summary Table on CG101
- C. Updated Pre-Engineered Manufactured Building Approved List
- D. Publication Notice – Tuesday, November 5th
- E. Other minor items
 - I. Add plan note to clarify sanitary tie-in to hangar building

17. QUESTIONS / ANSWERS

- A. Question:** *Will the Contractor be taking the electrical up to the building? Also, there is a discrepancy in the plans between 4"-3W (electrical one-lines) and 3"-3W non-encased conduit (civil plans).*
Answer: The Engineer will review the plans and address in a future Addendum.
- B. Question:** *Is temporary electric available on-site?*
Answer: Temporary electric is available with the installation of the power from Duke Energy or otherwise provided by the Contractor.
- C. Question:** *Does the earthwork table include 3' undercut for foundations?*
Answer: No, refer to a future Addendum for potential clarification.
- D. Question:** *Will the Engineer provide a basis of design for the specialized foundations for comparative bids (e.g. geotechnical report recommendations)?*
Answer: The Engineer will review the plans and address in a future Addendum.
- E. Question:** *Can the Engineer provide a drawing showing where the mezzanine future loading will be?*
Answer: The Engineer will review the plans and address in a future Addendum.
- F. Question:** *Please confirm if a full time guard is required or if just providing an accessible lock for airport security will suffice.*
Answer: A guard is only required at Gate 24 while it remains open for Contractor ingress / egress. Refer to C-002, Note 22 for lock requirements.
- G. Question:** *The high eave of this building is about 26'. The plans on C-002 note says we have to get approved to have equipment over 23' high. This will be needed. (Reference C-002, General Safety Note 10).*
Answer: The 23' height restriction applies to general construction equipment. The Contractor must work with the Engineer to submit a 7640-1 permit with the operating boundaries and heights of cranes or other equipment exceeding 26' in height.
- H. Question:** *Cement Stabilization shown/noted on C-013 (No specs provided)*
Answer: P-156 Cement Treated Subgrade is located in the Project Manual under Part 8: FAA Technical Specifications.
- I. Question:** *Is certified payroll required?*
Answer: Yes, refer to Part 6: Wage Rates, in the Project Manual.
- J. Question:** *Is there a PEMB manufacturer that was used for the basis of design?*
Answer: Nucor. The Engineer has also approved an additional PEMB that will be released with a future addendum.
- K. Question:** *Will this be a Union Labor project?*
Answer: Refer to the Project Manual, Part 5: Special Provisions for Davis-Bacon Requirements and Part 9: Supplemental Technical Specifications, SP-01 Labor Agreement.

- L. Question:** *Are you aware the bid will be due on Election Day?*
Answer: Yes. The Bid Opening is scheduled as such to precede the Terre Haute Regional Airport Authority Board Meeting the following day. Chris asked the prospective Bidders if they needed more time to bid and received a majority, "Yes." The Bid Opening will be moved to a new date in a future addendum.
- M. Question:** *Who will be responsible for testing, Owner or Contractor?*
Answer: The Contractor is responsible for their own Quality Control, and the Owner is responsible for Quality Assurance. Generally, the requirements for each are detailed per specification.
- N. Question:** *Is Builders Risk Insurance required? Any other special insurance requirements?*
Answer: Yes, please refer to the Project Manual: Local Provisions for additional requirements.
- O. Question:** *Are there any classification considerations inside the hangar with there being fuel?*
Answer: No, refer to G-000 – Cover, Project Information for type.
- P. Question:** *Are the light fixtures specified BABA compliant?*
Answer: This will be answered in a future Addendum.
- Q. Question:** *Are Contractors allowed to submit "Contractor Proposed Alternate Bids" and will they be accepted at time of the bid opening?*
Answer: At this time, Contractor submitted alternate bids are not permitted to be submitted or accepted. It is common on federal projects to consider value engineering submittals from the lowest, responsive and responsible bidder (Project Manual: FAA General Provisions 50-17). The Engineer will review this and make any changes by addendum if necessary.
- R. Question:** *Who manufactured the last hangar?*
Answer: Following the meeting, it was determined the hangar was manufactured by Ceco.
- S. Question:** *Can you provide the size of any required roof curbs or roof penetrations?*
Answer: This will be answered in a future Addendum.

18. PROJECT SITE TOUR

A project site tour can be arranged by contacting Justin Bessler. Chris reminded the Contractors they are required to inspect the site or accept the conditions as they are per the Project Manual.



Meeting Date / Location: 10/23/2024, Terre Haute Regional Airport

Project Name: HUF West Quad Hangar Development Phase II

Time: ~~09:30 AM~~ 09:00 AM

Project #: 3-18-0082-057-2024

Name	Company	Telephone No.	E-mail
Justin Bessler	Woolpert, Inc	859-818-5114	Justin.Bessler@Woolpert.com
Karlee Erickson	THRA	989-390-8651	kerickson@huf.com
CHRIS SMYDER	WOOLPERT, INC.	317.797.9751	CHRIS.SMYDER@WOOLPERT.COM
Bill HANN JR.	SPEARHEAD CONSTRUCTION	812-208-2131	bhann@spearheadge.net
Warren Antz	Milestone Contractor South	812-208-4003	wantz@milestonelp.com
JEFF ATHEY	FRETAG-WEINHARDT, INC	812-264-8317	jeffathey@fretaginc.com
Seth Porter	Hannig	812-236-4396	sporter@hannigconstruction.com
KENT FERREARI	GARMING CONSTRUCTION	812-234-3914	kferreari@garming.net
Craig Mischino	THRAP	812-230-7428	Cmischino@HUF.COM
Jeff Stude	Stude	812-230-2633	jeff@stude-construction.com
Derek Bridge	Stude	765-592-0191	derek@studen-construction.com
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