



ENGINEERING
ARCHITECTURE
FIELD SERVICES

**POTOMAC HIGHLANDS AIRPORT AUTHORITY
MINERAL COUNTY, WEST VIRGINIA**

**REHABILITATE RUNWAY 5-23 BID PACKAGE 6
TAXIWAY A EXTENSION**

ADDENDUM #2

JUNE 22, 2023

THRASHER PROJECT #080-10108

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Wednesday, June 14, 2023, on the above-referenced project. The following are clarifications and responses to questions posed by contractors for the above reference project.

A. GENERAL

- 1. THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**

B. SPECIFICATIONS

None

C. DRAWINGS

- Page 26 - Details

D. QUESTIONS AND RESPONSES

QUESTION

- The DBE Goal listed in the Advertisement is 2.99%, but the DBE Goal in the Bid Form is 5.21%. What is the correct DBE Goal?

RESPONSE

The DBE Goal for this project is 5.21%

QUESTION

- Notes on Sheet 23 states that the ditch dimensions are shown on the ditch schedule. Can you direct me to where I can find the ditch schedule?

RESPONSE

All ditches can follow the typical section as shown on the vegetated ditch detail. Depth of ditches vary and should refer to the cross sections.

QUESTION

3. Can you provide dimensions on Detail A, Sheet 26, for the width across the top of the stone backfill.

RESPONSE

Detail has been revised on Sheet 26.

QUESTION

4. How will the topsoil placement be paid?

RESPONSE

A new bid item for topsoil has been added to the bid tab. The measurement/payment of this item in spec section T-905 shall be replaced with the following: The measurement of topsoil obtained off the site shall be measured by the number of cubic yards of topsoil measured in its original position and stripped or excavated. Topsoil shall be measured by volume in cubic yards computer by the method of end areas. The basis of payment will be made at the contract unit price per cubic yard for topsoil obtained off the site. This price shall be full compensation for furnishing all materials and for all preparation, placing and spreading of the materials and for all the labor, equipment, tools and incidentals necessary to complete the item.

QUESTION

5. Is there a required D-Load on the 36" RCP?

RESPONSE

Class III.

QUESTION

6. Is there a trench detail for the 6" Solid Outlet Pipes, (Trench width, Type of backfill)

RESPONSE

Detail for the solid outlet pipe should follow detail on Sheet 25 for bedding for storm pipe.

QUESTION

7. Can the demolished concrete and asphalt be wasted somewhere on site? If so, where?

RESPONSE

Contractor is responsible for hauling removed concrete/asphalt offsite.

QUESTION

8. Can you clarify if there is topsoil available at the airport? If so, where?

RESPONSE

Please see Response to Question 4.

QUESTION

9. Can you provide the CAD file for bidding purposes?

RESPONSE

Yes, attached CAD waiver please fill out and send to bashley@thethrashergruop.com and cad files will be released.

QUESTION

10. Can the bid date be extended?

RESPONSE

No. Due to funding deadline we are unable to adjust the bid date.

QUESTION

11. Are all environmental permits in hand that will all contractor to start once project is awarded?

RESPONSE

Yes. WV DEP Permit active under WVR108571 and an existing FAA Finding of No Significant Impact (FONSI) dated July 2006.

QUESTION

12. Assuming this project won't start until mid-August. Will contractor be given winter shutdown for asphalt or weather days in the winter?

RESPONSE

If weather conditions exceed normal weather days outlined in the specifications, then additional time will be added to the Contractor's contract at no additional cost to the Owner.

QUESTION

13. Is the site balanced?

RESPONSE

The amount of cut is approximately 22,466 cubic yards and the fill is 10,601 cubic yards. The remaining excavated material is to be hauled to the end of Runway 23 fill embankment (following existing haul route) and placed per specifications in an area determined by the Engineer.

If you have any questions or comments, please feel free to contact me at your earliest convenience. As a reminder, bids will be received until 2:00 p.m. on Friday, July 7, 2023 at Greater Cumberland Regional Airport, 165 Terminal Loop, Wiley Ford, WV 26767. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



NICOLE JONES, PE
Project Manager



BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to:
Potomac Highlands Airport Authority
165 Terminal Loop Road
Wiley Ford, WV 26767
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
- A. Bid Opening Requirements

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

GENERAL

The Bidder shall take notice of and shall be responsible for any local or state taxes levied and applicable, and the cost for the same shall be included as part of the submitted Bid.

The total Bid cost stated includes a complete operating installation including furnishing and installation of any and all changes or additions in plans, piping, mechanical work, additional electrical work, accessories, controls, etc. necessary to accommodate alternative equipment systems or materials used in construction.

BID PROPOSAL

The Bidder agrees to perform all required Work described in the detailed Specifications and as shown on the Plans for the complete construction and placing in satisfactory operation the Rehabilitate Runway 5-23. The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 011000. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

- 3.01 *Lump Sum Bids*
- A. Bidder will complete the Work in accordance with the Contract Documents for the lump sum (stipulated) price(s), together with any Unit Prices indicated in Paragraph 3.02 and shown in the bid schedule.

3.02 *Unit Price Bids*

- A. Bidder will perform the following Work at the indicated unit prices as shown in the Bid Schedule.
- B. Bidder acknowledges that:
 - 1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
 - 2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

3.03 Total Bid Price (Lump Sum and Unit Prices)

BID SCHEDULE

**PROPOSED
REHABILITATE RUNWAY 5-23 – TAXIWAY A EXTENSION
FOR THE**

**POTOMAC HIGHLANDS AIRPORT AUTHORITY
MINERAL COUNTY, WEST VIRGINIA**

NOTE: Bid PRICE amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
1 C-100	1	LS	Contractor Quality Control Program			
2 C-102	2,450	LF	Silt Fence (Install and Removal)			
3 C-102	1	EA	Stone Construction Entrance			

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
4 C-102	15	EA	Rock Check Dam			
5 C-102	14	EA	Inlet Protection			
6 C-102	4,170	LF	Erosion Control Matting (Ditches)			
7 C-105	1	LS	Mobilization			
8 P-101	13,920	SY	Pavement Removal			
9 P-101	1	LS	Removal of Pipe			
10 P-101	2,000	LF	Remove Pavement Underdrain			

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
11 P-101	800	LS	Remove Pavement Markings			
12 P-152	23,500	CY	Unclassified Excavation			
13 P-152	1,000	CY	Unsuitable Material			
14 P-209	17,250	SY	Separation Geotextile			
15 P-209	4,790	CY	Crushed Aggregate Base Course			
16 P-401	4,735	TN	Asphalt Paving			
17 P-603	455	GAL	Emulsified Asphalt Tack Coat			

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
18 P-610	12	EA	Slope for Underdrains			
19 D-701	538	LF	24" HDPE			
20 D-701	2380	LF	36" HDPE			
21 D-701	242	LF	36" RCP			
22 D-705	4,221	LF	6" Pipe PVC Perforated			
23 D-705	880	LF	6" Pipe PVC Solid			
24 D-751	12	EA	Type G Inlets			

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
25 L-107	1	EA	L-806(L), Style I-B, Size 1 Windcone and Foundation			
26 L-108	20,500	LF	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Duct Bank or Conduit			
27 L-108	5,250	LF	No. 6 AWG, Solid, Bare Copper Counterpoise Wire Installed in Trench or Above Duct Bank or Conduit			
28 L-110	5,240	LF	Non-Encased Electrical Conduit, 1-way 2" Sch 40 PVC			
29 L-110	70	LF	Encased Electrical Conduit, 1-way 2" Sch 40 PVC			
30 L-110	120	LF	Encased Electrical Conduit, 4-way 2" Sch 40 PVC			
31 L-115	2	EA	Electrical Can Plaza			

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
32 L-125	27	EA	New LED MITL, L-861T(L) on New Base Can, per each			
33 L-125	39	EA	New LED MITL, L-861T(L) on Existing Base Can, per each			
34 L-125	26	EA	Base Can with Steel Lid, L-867			
35 L-125	28	EA	Light Fixture Removal			
36 L-125	1	LS	Sign Relocation			
37 NS-101	1	LS	Locate and Protect Existing Equipment			
38 NS-102	1	LS	Temporary Lighting			

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
39 M-103	2	EA	Closed Runway Marker Lighted (Contractor Furnished)			
40 M-103	3	EA	Closed Taxiway Marker Lighted (Contractor Furnished)			
41 M-107	850	LF	Aviation Barricades (Contractor Furnished)			
42 P-620	1,255	LF	Pavement Markings			
43 T-901	18	AC	Seeding			
44 T-905	8,740	CY	Topsoil			
45 T-908	18	AC	Mulching			

TOTAL BID: _____

(Words)

_____ (\$ _____)
(Words) (Figures)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

DEDUCTIVE ALTERNATE #1

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
19 D-701	538	LF	24" HDPE			
20 D-701	2,380	LF	36" HDPE			
24 D-751	8	EA	Type G Inlets			

TOTAL DEDUCTIVE ALTERNATE #1 BID: _____
(Words)

_____ (\$ _____)
(Words) (Figures)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

DEDUCTIVE ALTERNATE #2

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
44 T-905	8,740	CY	Topsoil			

TOTAL DEDUCTIVE ALTERNATE #2 BID: _____
(Words)

(Words) (\$ _____) (Figures)

3.03 *Method of Award*

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder as listed in contract does not exceed the amount of funds estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceed such amount, the Owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified responsible bidder, less the amount(s) of the deductive alternate(s) subtracted in numerical order to produce the lowest bid within the funds available for financing.

~~ARTICLE 4—BASIS OF BID—COST PLUS FEE~~

~~Deleted~~

~~ARTICLE 5—PRICE PLUS TIME BID~~

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ARTICLE 6—TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

7.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for **120 days** after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

7.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders and FAA Contract Provisions, including without limitation those dealing with the disposition of Bid security.

7.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

ARTICLE 8—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

8.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.

2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, if only, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

8.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.

4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Bidder's Contractor License No.: (if applicable)

CADD WAIVER

The undersigned hereby agrees that the Potomac Highlands Airport Authority and The Thrasher Group, Inc., will not be held liable or responsible for the accuracy of any information contained in the digital **CADD files**, or any conclusion, inferences, interpretations, etc, made by the contractor, which may be used in the preparation of the Contractor's bid. Hard copies of the plans will be the governing document for this project. The digital CADD file is being distributed for information only.

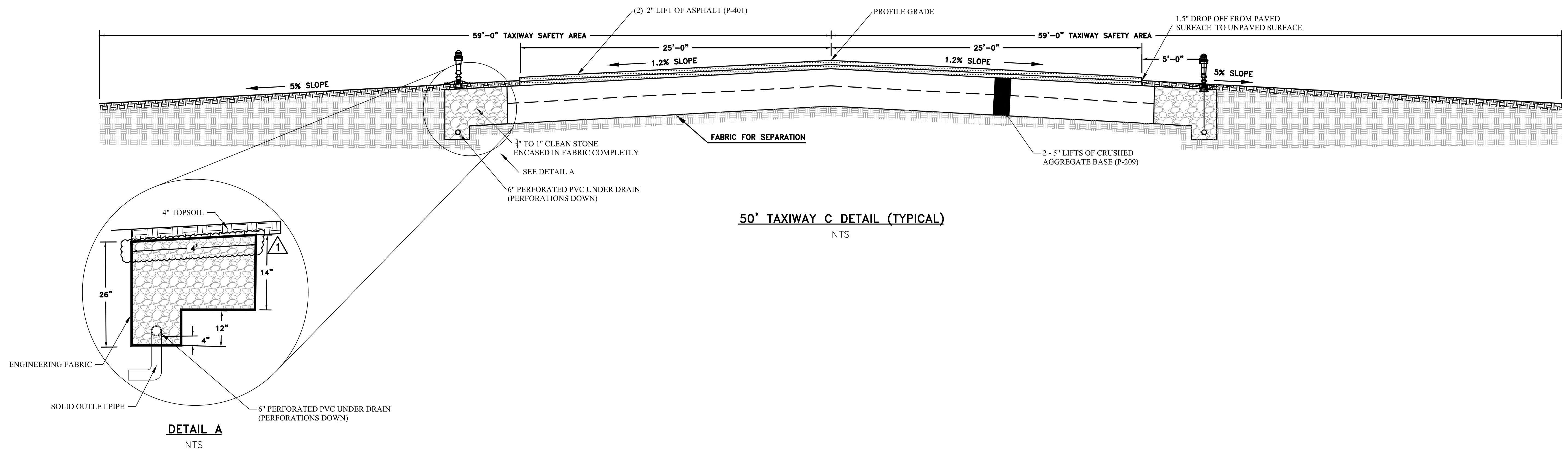
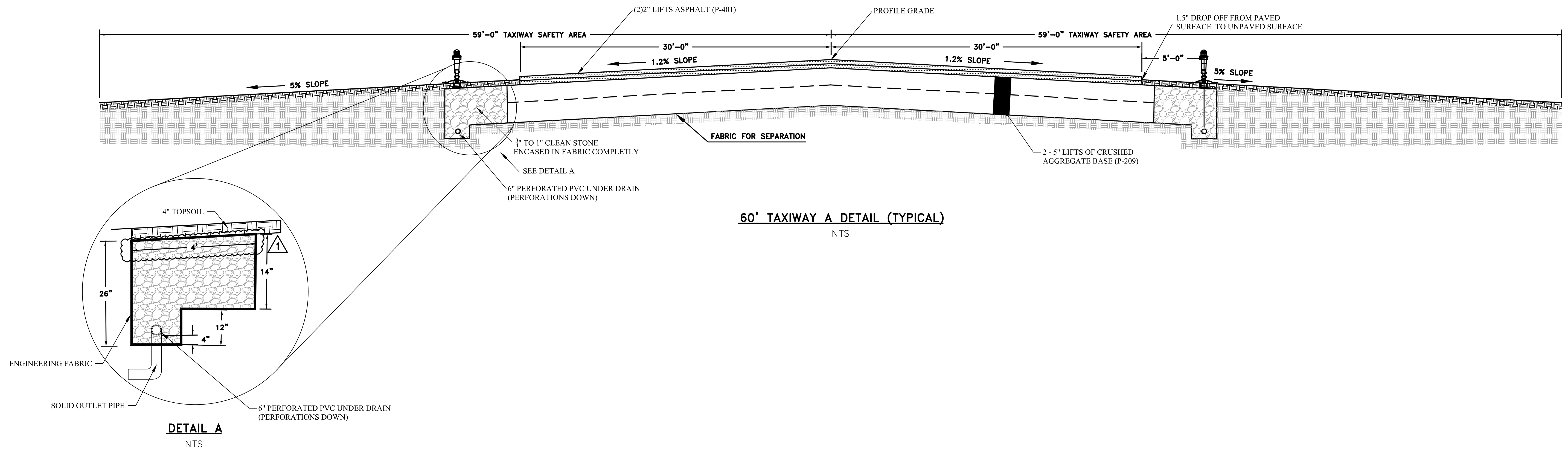
By: _____

Company: _____

Date: _____

Email: _____

LAYOUT TAB: 25 DETAILS
CAD FILE: R:\080\080-10108\00-Rehabilitate Runway 5-23 Bid Package-Potomac Highlands Airport Authority-Drawing\10108 - Details.dwg
PLOT DATE/TIME: 6/22/2023 11:44 AM



1	NMJ	5/22/2023	ADDEDUM #2 - REVISION 1	ADDED DIMENSION TO DETAIL	
NO.	BY	DATE	DESCRIPTION		

SCALE: AS SHOWN	
DRAWN: DATE:	
CHECKED: DATE:	
APPROVED: DATE:	
SURVEY DATE:	
SURVEY BY:	
FIELD BOOK No.:	

THRASHER
THE THRASHER GROUP INC.
CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
PHONE (304) 624-4108 • FAX (304) 624-7831

PHASE No.	
CONTRACT No.	
PROJECT No.	080-10108

GREATER CUMBERLAND REGIONAL AIRPORT
RUNWAY 5-23 REHABILITATION
BID PACKAGE 6 - TAXIWAY A EXTENSION
WILEY FORD, WEST VIRGINIA
DETAILS

SHEET No.	26
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