

ADDENDUM NO. 2
HOLBROOK MUNICIPAL AIRPORT
MARCH 26, 2024

TO: All Planholders

RE: Schedule I – Reconstruct Apron
Schedule II (Non-AIP) – Reconstruct Apron Hangar Connections
AIP No. 3-04-0020-0xx-2024 | ACI No. 22965

The following Addendum shall be incorporated into the Contract Documents for the above-referenced project and shall supersede all contrary and conflicting information, which are hereby supplemented or revised in certain particulars in the following:

I. CONTRACT DOCUMENTS

- A. INVITATION FOR BIDS** – Revise the last sentence of the fifth paragraph concerning the proposal withdrawal period to read as follows:

No proposal may be withdrawn for a period of one-hundred twenty (120) days from the opening thereof.

- B. INSTRUCTION TO BIDDERS** – Section 6.2. Revise the second to last sentence to read as follows:

The Bid Security of any Bidder whom the Owner believes to have a reasonable chance of receiving the award may be retained by the Owner until the earlier of the seventh day after the "effective date of the Agreement" or the one-hundred and twenty first day after the Bid opening.

- C. ADDENDUM ACKNOWLEDGEMENT PAGE, PAGE P-15** – Revise the second sentence of the second paragraph to read as follows:

The Bidder further agrees that no Bid may either be changed or withdrawn without consent of the Owner for a period of one-hundred twenty (120) days after the scheduled time for opening the Bids.

- D. PROPOSAL**

Item P-101f Remove and Replace Electrical Duct Bank (Includes Junction Box) – Change quantity and unit **FROM** 200 LF **TO** 1 LS. The revised proposal pages are attached.

II. SPECIFICATIONS

- A. ITEM P-101 – PREPARATION/REMOVAL OF EXISTING PAVEMENTS**

- a.** Revise Section 101-4.5 of the Method of Measurement to read as follows:

101-4.5 REMOVAL AND REPLACEMENT OF ELECTRICAL DUCT BANK. Removal and replacement of electrical duct bank shall not be measured for payment. Removal and replacement of electrical duct bank shall be paid as lump sum in accordance with paragraph 101-3.4.

- b. Revised Item P-101f of the Basis of Payment section to read as follows:

Item P-101f Remove and Replace Electrical Duct Bank (Includes Junction Box) – per lump sum

III. CONSTRUCTION PLANS

- A. **Plan Sheet 2.1.** Additional clarification has been provided for the removal and replacement of the existing hangar duct bank. The revised Sheet 2.1 is attached.
- B. **Plan Sheet 3.1.** The asphalt edge callout located near the bottom right of the sheet has been revised to callout Thickened Edge, Detail 5/4.1. The only proposed location that the non-thickened asphalt edge is present is on Sheet 3.2 on the upper right side of the connector taxiway between the apron and Taxiway A. The revised Sheet 3.1 is attached.

IV. CLARIFICATION

- Q.) Is any additional information available pertaining to the existing electrical duct bank called out to be removed and replaced on Sheet 2.1?
- A.) The number of conduits and cables or condition of the existing underground electrical service to the T-hangars is unknown. There is a concrete junction box off the edge of pavement on the east edge of the apron that appears to be in line with the service, but the components within are unknown. The intent of the P-101f Remove and Replace Electrical Duct Bank is to remove the existing service connection only if service is located within 24 inches of the proposed surface. If the service is found deeper than 24 inches, the existing system will be protected in place. If the service is within 24 inches, then the existing system will be replaced with a new concrete encased 2 inch PCV conduit with new splice bases off the edge of pavement and at the existing 2 inch drop-down service on the hangar. Electrical cable matching the existing removed electrical cables shall be installed in the new conduit and connected to the existing hangar circuits.
- Q.) Who is the manufacturer of the existing guidance signs and taxiway lights?
- A.) The existing guidance signs and lights are Crouse-Hinds equipment.

Each Bidder shall acknowledge receipt of this Addendum No. 2, dated March 26, 2024, on Proposal page P-15 in the space provided.

END OF ADDENDUM NO. 2

ARMSTRONG CONSULTANTS, INC.



Colin Sterns, P.E.
Airport Project Engineer

Attachments: Proposal Sheets P-2 through P-4
Plan Sheets 2.1 and 3.1



SCHEDULE I - RECONSTRUCT APRON						
Item No.	Spec. No.	Description	Est. Qty.	Unit	Unit Price in Figures and in Writing	Total Price
I-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$	\$
I-2	C-105	Mobilization	1	LS	\$	\$
I-3	P-101a	Asphalt Pavement Removal	28,000	SY	\$	\$
I-4	P-101b	Removal of Cable and Conduit	2,200	LF	\$	\$
I-5	P-101c	Removal of Tie-Downs	1	LS	\$	\$
I-6	P-101d	Removal of Concrete Structures	1	LS	\$	\$
I-7	P-101e	Removal of Area Lights	5	EA	\$	\$
I-8	P-101f	Remove and Replace Electrical Duct Bank (Includes Junction Box)	1	LS	\$	\$
I-9	P-101g	Remove Edge Light	9	EA	\$	\$
I-10	P-101h	Remove Sign	2	EA	\$	\$
I-11	P-101i	Remove Culvert	80	LF	\$	\$
I-12	P-101j	Removal of Concrete Encased Duct Bank	50	LF	\$	\$
I-13	P-152a	Unclassified Excavation	6,000	CY	\$	\$
I-14	P-152b	Muck Excavation	900	CY	\$	\$
I-15	P-156a	Cement Treated Subgrade	22,850	SY	\$	\$
I-16	P-156b	Cement	580	TON	\$	\$
I-17	P-208	Aggregate Base Course	4,200	CY	\$	\$

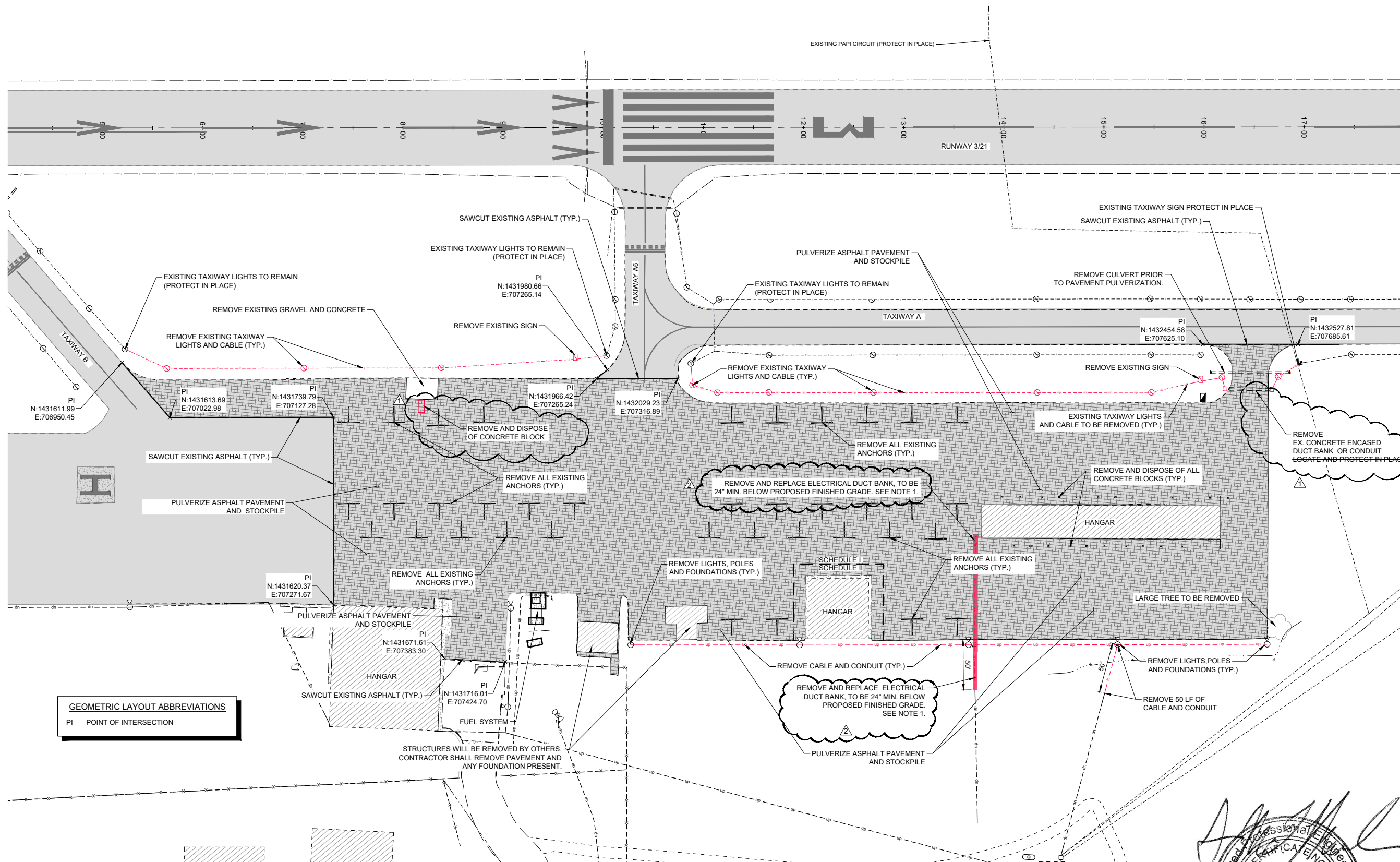
SCHEDULE I - RECONSTRUCT APRON (continued)

Item No.	Spec. No.	Description	Est. Qty.	Unit	Unit Price in Figures and in Writing	Total Price
I-18	P-401	Asphalt Surface Course	4,400	TON	\$	\$
I-19	P-605	Silicone Joint Sealant	800	LF	\$	\$
I-20	P-620a	Temporary Marking	5,600	SF	\$	\$
I-21	P-620b	Marking	5,600	SF	\$	\$
I-22	S-10	Aircraft Tie-Downs (Set of 3)	20	EA	\$	\$
I-23	S-162	Detection Loop	1	LS	\$	\$
I-24	D-701	8 Inch Corrugated Steel Culvert	80	LF	\$	\$
I-25	S-701	8 Inch Galvanized Flared End Section	2	EA	\$	\$
I-26	L-108a	No. 8 AWG 5kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	2,100	LF	\$	\$
I-27	L-108b	No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed in Trench, Including Connections/Terminations	1,300	LF	\$	\$
I-28	L-110a	Non-Encased 2-inch PVC Duct (Direct Earth Burial Including Trenching)	1,300	LF	\$	\$
I-29	L-110b	Concrete Encased 2-Way, 4-inch PVC Duct (Direct Earth Burial)	50	LF	\$	\$
I-30	L-125a	L-861T Taxiway Edge Light	14	EA	\$	\$
I-31	L-125b	L-858Y Guidance Sign (2-Module)	1	EA	\$	\$
TOTAL BID AMOUNT – SCHEDULE I					\$	

SCHEDULE II (NON-AIP)– RECONSTRUCT APRON HANGAR CONNECTIONS						
Item No.	Spec. No.	Description	Est. Qty.	Unit	Unit Price in Figures and in Writing	Total Price
II-1	P-152	Unclassified Excavation	200	CY	\$	\$
II-2	P-156a	Cement Treated Subgrade	390	SY	\$	\$
II-3	P-156b	Cement	10	TON	\$	\$
II-4	P-208	Aggregate Base Course	60	CY	\$	\$
II-5	P-401	Asphalt Surface Course	60	TON	\$	\$
II-6	P-605	Silicone Joint Sealant	200	LF	\$	\$
TOTAL BID AMOUNT – SCHEDULE II (NON-AIP)					\$	

SUMMARY	
Bid Amount - Schedule I	\$
Bid Amount - Schedule II (Non-AIP)	\$
TOTAL OF ALL SCHEDULES	\$

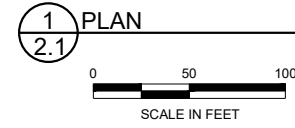
S:_Arizona\Holbrook\Project Files\Active Projects\216729_Holbrook - APRON RECON DESIGN\CAD.dwg_216729102.dwg 3/26/2024, 2:33:59 PM CSTERN



GEOMETRIC LAYOUT ABBREVIATIONS
 PI POINT OF INTERSECTION

CAUTION - NOTICE TO CONTRACTOR

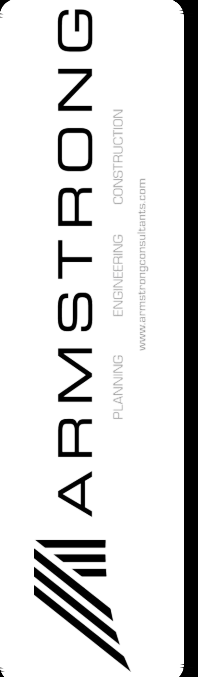
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS IN THE FIELD. THE INFORMATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL ARIZONA 811 (1-800-782-5345) AT LEAST 48 HOURS BEFORE ANY EXCAVATION / EMBANKMENT TO REQUEST FIELD LOCATION OF UTILITIES.



GENERAL NOTES
 1. IF THE EXISTING DUCT BANK IS FOUND TO BE DEEPER THAN 24 INCHES FROM THE PROPOSED PAVEMENT SURFACE, THE EXISTING DUCT BANK SHALL REMAIN IN PLACE AND PROTECTED DURING CONSTRUCTION. IF IT IS FOUND WITHIN 24 INCHES OF THE PROPOSED SURFACE, THE DUCT EXISTING DUCT BANK AND THE CONCRETE JUNCTION BOX OFF THE PAVEMENT EDGE SHALL BE REMOVED. A NEW CONCRETE ENCASED SINGLE 2 INCH PVC DUCT BANK SHALL BE INSTALLED AT A DEPTH OF 24 INCHES FROM THE PROPOSED SURFACE. TWO NEW SPLICE BASES (DETAIL 35.2) SHALL BE INSTALLED OFF THE PAVEMENT EDGE AND AT THE HANGAR. THE HANGAR SPLICE BASE SHALL BE CONNECTED TO THE EXISTING 2 INCH STEEL RISER ON THE HANGAR WALL. NEW ELECTRICAL CABLE SHALL BE INSTALLED TO RECONNECT THE HANGAR ELECTRICAL SERVICE.



EXPIRES 9/30/2023



HOLBROOK MUNICIPAL AIRPORT
 HOLBROOK, ARIZONA
 CONSTRUCTION PLANS
 RECONSTRUCT APRON
 AIP No. 3-04-0020-022-2023

No.	Revision	Date	By
2		3/26/24	CES
1		3/19/24	CES

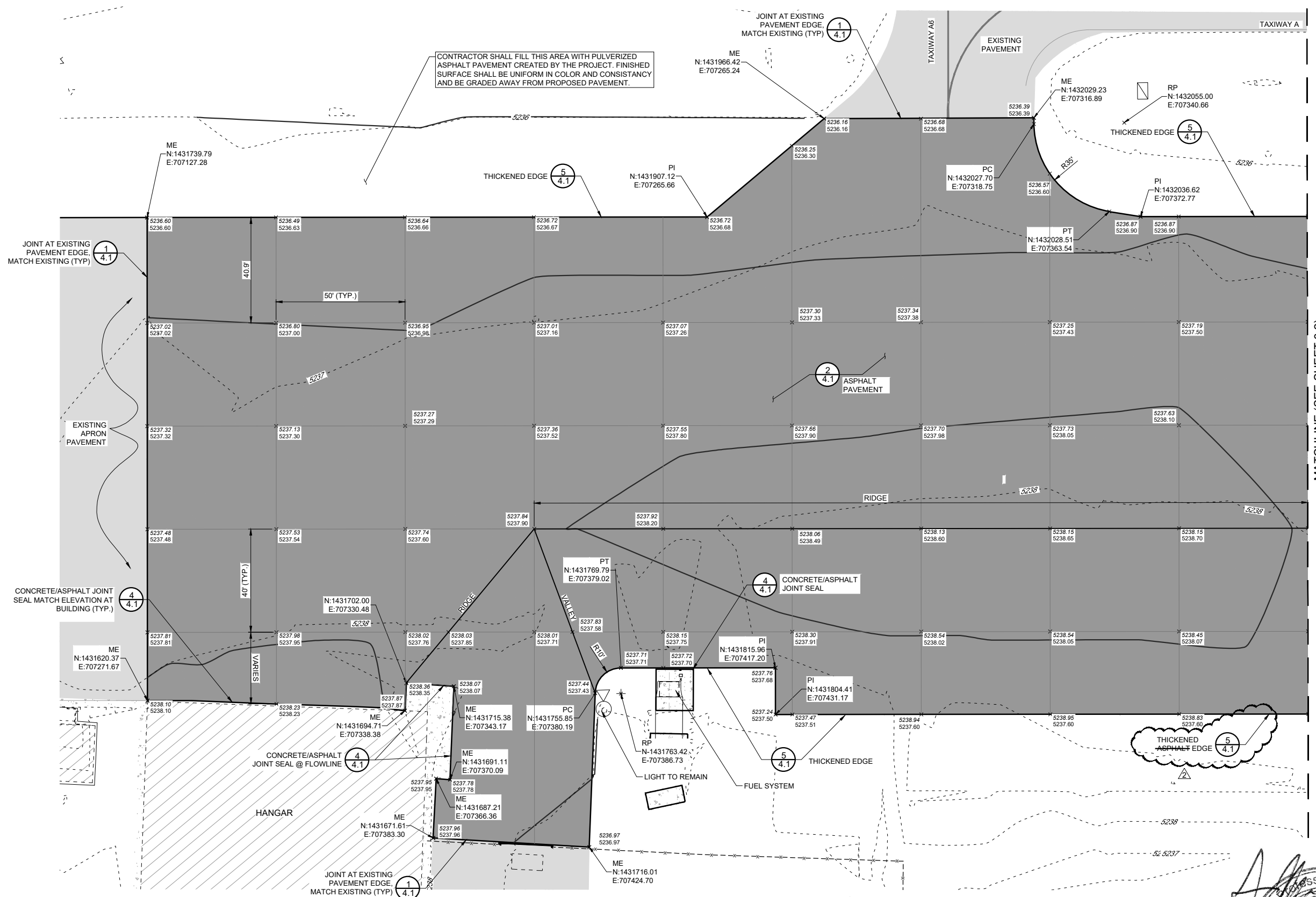
ACI No. 216729
 Date: NOV. 2021
 File Name: 216729102

Drawn: MLM
 Checked: CES
 Approved: JMTM

DEMOLITION PLAN

Sheet: 2.1

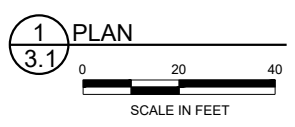
S:_Arizona\Holbrook\Project_Files\Active_Projects\216729_Holbrook - APRON RECON DESIGN\CAD_dwg\216729102.dwg 3/26/2024 11:50:52 AM CSTIERS



MATCHLINE (SEE SHEET 3.2)

CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS IN THE FIELD. THE INFORMATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL ARIZONA 811 (1-800-782-5345) AT LEAST 48 HOURS BEFORE ANY EXCAVATION / EMBANKMENT TO REQUEST FIELD LOCATION OF UTILITIES.

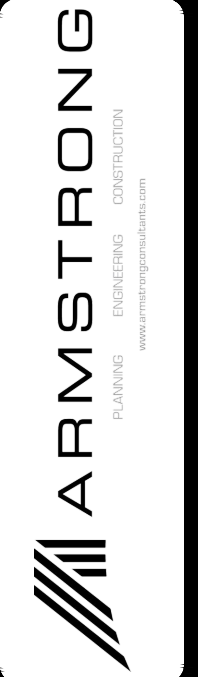


GEOMETRIC LAYOUT ABBREVIATIONS

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
RP	RADIUS POINT
ME	MATCH EXISTING
5237.82	EXISTING GROUND ELEVATION
5237.92	FINISHED GRADE ELEVATION



EXPIRES 9/30/2023



HOLBROOK MUNICIPAL AIRPORT
HOLBROOK, ARIZONA
CONSTRUCTION PLANS
RECONSTRUCT APRON
AIP No. 3-04-0020-022-2023

No.	Revision	Date	By
2		3/26/24	CES

ACI No. 216729
Date: NOV. 2021
File Name: 216729102

Drawn: MLM
Checked: CES
Approved: JMTM

GRADING PLAN

Sheet: **3.1**