## ADDENDUM NO. 2

## LAKE HAVASU CITY LAKE HAVASU CITY MUNICIPAL AIRPORT TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT AIP No. 3-04-0071-028-2019 ADOT NO. E0M1M01D

In accordance with the Special Provisions to the General Provisions, SP 20-16, Addenda and Interpretation, the following revisions to the Plans and Specifications shall become a part of the Contract Documents and each bidder shall acknowledge receipt thereof on page PROPOSAL-23 of the Proposal Forms.

#### GENERAL

**ITEM 1:** Included in this addendum is **Attachment A**, Pre-Bid Meeting Minutes and Sign-In Sheet.

#### **SPECIFICATIONS**

- **ITEM 2:** FAA TECHNICAL PROVISIONS, after page P-620-5, insert **Attachment B** Item L-102 Utility Coordination.
- **ITEM 3:** PROPOSAL FORM, pages PROPOSAL-2 through PROPOSAL-7. Delete these pages in their entirety and replace them with the revised pages included as **Attachment C.**

#### PLANS

- **ITEM 4:** Replace sheet GC101 with **Attachment D**.
- **ITEM 5:** Replace sheet CD101 with **Attachment E**.
- **ITEM 6:** Replace sheet CD102 with **Attachment F**.
- **ITEM 7:** Replace sheet CD103 with **Attachment G**.
- **ITEM 8:** Replace sheet CD104 with **Attachment H**.
- **ITEM 9:** Replace sheet CD105 with **Attachment I**.
- **ITEM 10:** Replace sheet CD106 with **Attachment J**.
- **ITEM 11:** Replace sheet CD107 with **Attachment K**.



#### ADDENDUM NO. 2

## APRIL 29, 2021 PRE-BID MEETING MINUTES FOR CONSTRUCTION OF TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT AT LAKE HAVASU CITY MUNICIPAL AIRPORT

## 1. Introduction

2. Definition & Statement of "Scope of Work" and Phasing Requirements

The scope of work for this project includes the following:

The Demolition of Taxiway A, and each of the connector taxiways - up to the runway edge. The demolition of the existing taxiway edge lights and guidance signs. The Reconstruction of Taxiway A, the entrance taxiways on each of the ends, and the construction of two new mid-field connector taxiways. The installation of new LED Taxiway edge lighting and guidance signage, to align with new taxiway geometry. The reconstruction of the runup area on the north end of Taxiway A, and construction of new bypass taxiways on the South end of Taxiway A, and new pavement markings. The project has been divided into 3 phases.

- Quality Control per the specifications is the responsibility of the contractor.
  - Bidders are advised to look at the specifications closely and to be aware that FAA funded projects (such as this) require more, and more stringent Quality Control testing than typical projects with other funding sources. Lance recommended that bidders secure an experienced quality control lab for this project.
- Quality Assurance testing will be performed by WTI.
   WTI cannot perform quality control on this project.
- 3. Instructions to bidders
  - a. Prevailing Wage & Salary Rates apply (see specifications).
  - b. Disadvantaged Business Enterprise Participation 10% Goal
  - c. The City has determined that it is appropriate to use a race/gender neutral goal. The City encourages all bidders to take active race/gender neutral steps to include DBE's in this contract. A good faith effort will need to be shown, if unable to reach the 10% goal.
- 4. Assurances, Certifications & Other Bid Requirements

(This list is not all inclusive – see specifications for all-inclusive list, contact Lance or Randy with any questions on forms)

- a. Proposal Form (unit prices to be written in words and numerals)
- b. Arizona Statutory Bid Bond
- c. Contractor's Certification of Eligibility
- d. Non-Collusive Bidding Certificate
- e. Resolution for Corporate Bidders
- f. Buy American Preferences & Certificate
- g. Certifications:
  - i. Certification of Non-Segregated Facilities
  - ii. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
  - iii. Lobbing and influencing federal employees.
- h. Contractor Immigration Warranty
- i. Certification for Receipt of Addenda
- j. Statement of Surety's Intent
- k. Contractor's Storm Water Pollution Prevention Plan Certification
- 1. List of Subcontractors
- m. Disadvantaged Business Enterprise Statement
- n. Safety Plan Compliance Document (SPCD) and Certification
- o. Hazard Communication Program
- 5. Bid Schedule/Proposal Bidders are required to be on plan holders list maintained by the City.
  - a. For documents obtained outside of DemandStar please contact Shannon Blakey, purchasing@lhcaz.gov to be added to the plan holders' list.

- 6. Award of Contracts will be contingent upon receipt of the federal grant from the FA Answer: Once the grant is received the project will be awarded to the lowest responsive bidder. Some delay is expected for issuance of grants (possibly not until June/July).
- 7. Safety and Security Requirements
  - a. Construction Safety Phasing Plan Bidders are advised to review the CSPP carefully and understand the barricading and work limits. Also note that areas of work within the Runway Safety Area that can only be performed during nighttime closures of the Runway.
  - b. Restricted Area Fencing & Gate Guards fencing security is to be maintained at all times, and no gates are allowed to be left open unattended. Gates left open during hauling operations must be attended by a gate guard, and only construction vehicles will be allowed to enter.
  - c. Vehicle Marking & Escorts all construction vehicles and equipment must have either an amber beacon or airport flag during the day, at night construction vehicles and equipment must have amber beacons.
  - d. NOTAMs are to be issued by the Airport, no work can begin until NOTAMS are in place.

Lance stressed the importance of Safety and Security, and advised bidders to have a full understanding of the requirements before bidding.

Question: What is the reason for doing work in areas adjacent to the runway at night? Answer: All work within the Runway Safety / Runway Object Free Areas can only be done when the runway is closed. The work to be done during runway closures will be done at night to allow the runway to remain open during the day.

- Time Schedule & Liquidated Damages 225 calendar days (45 calendar days Phase 1, 90 calendar days Phase 2, 90 calendar days Phase 3) & \$1,000 per day
- 9. Addendum Items It will be the Contractor's Responsibility to monitor Lake Havasu City's website at www.lhcaz.gov for Addendums.
- 10. Announcement of Bid Submittal Date Wednesday, May 12, 2021at 2:00 P.M. ARIZONA TIME
- 11. Clarification Prior to Bid Opening 7 Calendar Days Prior to Bid Opening Wednesday, May 5, 2021
- 12. Questions & Discussion
  - Question: Does a mobile lab need to be used, or can the material be brought to a distant lab? Answer: A mobile lab will not be required for this project, provided the testing procedures meet the requirements of the specifications.
  - Question: Can all the work be done at night? Answer: Yes
  - Question: Will the Airport be providing lighted X's? Answer: No, the airport will not be providing lighted X's.

Question: Will lighting be provided?

- Answer: No, the airport will not be providing any traffic control, lighting, barricading etc. for the project. For clarification, everything needed to meet the requirements of the CSPP must be supplied by the contractor.
- Question: Will millings or material need to hauled off site? Answer: No, with the exception of concrete and miscellaneous domo, usable material will remain on site.
- Question: Will water be available? Answer: Yes, city water is available on site and will have to be metered.
- Question: Can an office trailer be placed on site? Answer: Yes, the location will need to coordinated with the engineer.

Question: Does this project require a material transfer vehicle? Answer: Material transfer vehicles are not required.

Question: Is electronic bid delivery available? Answer: No, bids must be hand delivered. A drop box is available.

Question: Are you aware of any potential long lead time items.

Answer: Not aware of any specifically. If it is determined that critical items are subject to a long lead time, what will likely happen is the City will execute the contract but not start project work (or time) until materials are secured. Once materials are secured issue the NTP and begin work (and start time).

#### Immediately following the meeting a site visit was conducted.

In the meeting, and during the site visit we discussed additional access points and haul routes and staging areas for working in Phase 1 and Phase 2, and access to Phase 3 fill area during Phase 1 and 2 construction. Further clarification will be provided on the revised Construction Safety Phasing Plan provided in Addendum 2.

Question: Can bidders have a copy of the earthwork report? Answer: an earthwork report will not be made available.

Question: Will QC be allowed daytime access within RSA for testing? Answer: Yes, daytime access within RSA will need to be coordinated with the engineer.

Question: Will a Kline tank be allowed?

Answer: Yes, location must be coordinated with the engineer.

Question: What will be the requirements for payroll? Answer: See FAA Advisory Circular 150/5100-6, Labor Requirements for the Airport Improvement Program found at http://www.faa.gov/regulations\_policies/advisory\_circulars/

Copies of Certified Weekly Payrolls shall be submitted to C&S by the Contractor weekly. Submit them electronically c/o Michelle Auge, mauge@cscos.com. Each payroll is required to show each person's name, classification, and rate of pay, hours worked, and deductions made.

Question: Is there a clear and grubb line item.

Answer: There is not a separate line item for clear and grubb on this project, the cost of performing this work shall be considered as a subsidiary obligation in the completion of work – see specifications Item P-151.

Question: What are the lift and testing requirements for the embankment area? Answer: See specifications Item P-152 for construction methods and testing requirements of embankment.

Question: What happens with the existing utilities at the base of the bypass taxiway embankment area? Answer: The existing utilities are to be protected in place or relocated. Contractor to coordinate relocation with the utility company. Specification Item L102 is to be added per this addendum. Payment for utility company coordination and work will be paid under a new bid line item - Utility Allowance to be added per this addendum.

#### ATTENDEES LIST LAKE HAVASU CITY MUNICIPAL AIRPORT TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT PRE-BID MEETING

April 29, 2021

NAME	AFFILIATION	E-MAIL ADDRESS	PHONE
RANDY BEHM	CAS ENGINEERS	rbehm@cscos.com	602.422.8625
LANCE MCINTOSH (TELE)	C&S ENGINEERS	Incintosh@cscos.com	602.997.7536
PAUL BLAZER	LHC AIRPORT OPS	blazerpelhcaz.gar	928-412-0152
Mike Steg	Combs CONST	Mikee Combsgz. com	602-237-4029
Brian F-11er	FANN Contracting	EstimAting Stanncontrad	17 con 928 830.7677
Nancy Travaglio	Mc Cormick Construction		
BOB FRIEd			480-921-8016
Ron Crites	Technology Const	estimator 3 @ live.com	1 928-777-0099
Shannon Blakey	Lave Havan City	blakeys@lhcaz.go	0 (978) 854-8889
Dan Sloan	Lake Haran City	stand @/hcazgou	
Jeff Hert	LHC	HerbJ@14c 92.900	978-412-6502
James A. Wilson	Sunbelt Eng gresting	James & sunbelteng. com	(928) 704-7555
Gregory Hughes	Sunland Asphalt &	ghughes Osunlandasphalt.con	(480) 375-1134
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# Item L-102 Utility Coordination

## DESCRIPTION

**102-1.1** This item shall include the relocation and installation of electrical, phone, and gas services necessary for the Project including permits, inspections, cable and trenching, transformers, switches, junction boxes, conduit, gas lines and utility poles and removals and all incidentals as required by the utility companies including payment of all utility fees.

This item shall also include the coordination performed by the Contractor for the relocation of the utilities with the utility companies.

## INSTALLATION OF EQUIPMENT

**102-2.1 UTILITY RELOCATION.** The Contractor shall coordinate with individual public and private utility companies as necessary to accomplish any work necessary in order to complete the project. Individual utility companies are listed in 70-15 of the FAA General Provisions.

## METHOD OF MEASUREMENT AND BASIS OF PAYMENT

**102-3.1** Work under this item shall be measured and paid for based on expended labor, equipment, and materials plus a 15 percent allowance for overhead and profit.

- a) <u>Miscellaneous</u>. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.
- b) <u>Comparison of Record</u>. The contractor and the engineer shall compare records of the cost of work at the end of each day. Agreement shall be indicated by signature of the contractor and the engineer or their duly authorized representatives.
- c) <u>Statement</u>. No payment will be made for work performed until the contractor has furnished the engineer with duplicate itemized statements of the cost of such force account work detailed as follows:
  - 1) Name, classification, date, daily hours, total hours, rate and extension for each laborer and foreman.
  - 2) Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.
  - 3) Quantities of materials, prices, and extensions.
  - 4) Transportation of materials.
  - 5) Cost of property damage, liability and workmen's compensation insurance premiums, unemployment insurance conditions, and social security tax.

Statements shall be accompanied and supported by a receipted invoice for all materials used and transportation charges. However, if materials used on the work are not specifically purchased for such work but are taken from the Contractors stock, then in lieu of the invoices the Contractor shall furnish an affidavit certifying that such materials were taken from his/her stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the contractor.

If labor and materials under this item exceeds amount allocated, difference shall be paid by Owner.

If labor and materials under this item is less than amount allocated, the difference shall be reflected as a credit to contract sum.

Payment will be made under:

Item L-102-3.1 Utility Allowance (Contingent Item) – Allowance

TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT

	FAA		ITEM LIST	ITEM LIST UNIT PRICE			
ITEM	SPEC		ITEM DESCRIPTION	IN FIGUI	RES	TOTAL AMO	
NO.	NO.	QUANTITY	(PRICE WRITTEN IN WORD) MOBILIZATION	DOLLARS	CENTS	DOLLARS	CENTS
	G 105	1.1.0					
1	C-105	1 LS	AT				
			PER LUMP SUM				
			SAFETY, SECURITY AND MAINTENANCE OF TRAFFIC				+
2	C-106	1 LS	AT				
			PER LUMP SUM				
			COMPLIANCE WITH POLLUTION, EROSION AND SITATION CONTROL				
3	P-156	1 LS	AT				
5	F-150	1 L3	A1				
			PER LUMP SUM				
			PAVEMENT REMOVAL				
4	P-101	73,820 SY	AT				
			PER SQUARE YARD				
			EXISTING SOIL CEMENT SHOULDER REMOVAL				
5	P-101	5,210 CY	AT				
			PER CUBIC YARD SAWCUT, REMOVE AND REPLACE AC PAVEMENT				
			SAWCOT, REMOVE AND REFLACE AC FAVEMENT				
6	P-101	450 SY	AT				
			PER SQUARE YARD				
			OBLITERATE PAVEMENT MARKINGS				
7	P-101	1,410 SF	AT				
			PER SQUARE FOOT				
			UNCLASSIFIED EXCAVATION (TAXIWAY)				
0	D 150	0 700 CV	4.T.				
8	P-152	8,780 CY	AT	1			
			PER CUBIC YARD				
			UNCLASSIFIED EXCAVATION (SHOULDER)				
9	P-152	2,710 CY	AT				
,	1 152	2,710 01					
			PER CUBIC YARD				
			6" THICK CRUSHED AGGREGATE BASE COURSE (TAXIWAY)				
10	P-209	56,820 SY	AT				
			PER SQUARE YARD				+
			6" THICK CRUSHED AGGREGATE BASE COURSE (SHOULDER)				
11	P-209	30,470 SY	AT				
			PER SQUARE YARD				
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TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT

	FAA		ITEM LIST	ITEM LIST UNIT PRICE			
ITEM	SPEC		ITEM DESCRIPTION	IN FIGUI	RES	TOTAL AMOU	
NO.	NO.	QUANTITY	(PRICE WRITTEN IN WORD) BITUMINOUS PRIME COAT (TAXIWAY) (CONTINGENT ITEM)	DOLLARS	CENTS	DOLLARS	CENTS
			birominous PRIME COAT (TAXIWAT) (CONTINGENT ITEM)				
12	P-602	56,820 SY	АТ				
			PER SQUARE YARD				
			BITUMINOUS PRIME COAT (SHOULDER) (CONTINGENT ITEM)				
13	P-602	30,470 SY	AT				
			PER SQUARE YARD				
			BITUMINOUS TACK COAT (TAXIWAY)				
14	P-603	56,820 SY	AT				
			PER SQUARE YARD				
			BITUMINOUS TACK COAT (SHOULDER)				
15	P-603	28,740 SY	AT				
1.5	1-005	20,7 10 01	AI	1			
			PER SQUARE YARD				
			4" P-401 ASPHALTIC CONCRETE SURFACE COURSE (TAXIWAY)				
16	P-401	56,820 SY	AT				
			PER SQUARE YARD 4" P-403 ASPHALTIC CONCRETE SURFACE COURSE (SHOULDER)				
			4 1-405 ASHIALIIC CONCRETE SURFACE COURSE (SHOULDER)				
17	P-403	28,740 SY	AT				
			PER SQUARE YARD				
			PAVEMENT MARKING (YELLOW REFLECTORIZED)				
18	P-620	27,940 SF	AT				
			PER SQUARE FOOT				
			TEMPORARY PAVEMENT MARKING (WHITE NON-REFLECTORIZED)				
19	P-620	000 SE	AT				
19	r-020	900 SF	AT	1			
			PER SQUARE FOOT				
			PAVEMENT MARKING (WHITE REFLECTORIZED)				
20	P-620	5,960 SF	АТ				
			PER SQUARE FOOT				
			PAVEMENT MARKING (GREEN NON-REFLECTORIZED)				
21	D (20	1.950.05					
21	P-620	1,850 SF	AT	1			
			PER SQUARE FOOT				<b> </b>
			REMOVE AND SALVAGE EXISTING TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER, DEMO BASE				
22	L-100-5.1	205 EA	AT				
			PER EACH				
			FER EACH		1	1	

TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT

AT LAKE HAVASU CITY MUNICIPAL AIRPORT

	FAA		ITEM LIST		RICE		
ITEM	SPEC	OLIANTITY	ITEM DESCRIPTION			TOTAL AMO	
NO.	NO.	QUANTITY	(PRICE WRITTEN IN WORD) REMOVE AND SALVAGE EXISTING TAXIWAY EDGE LIGHT AND ISOLATION	DOLLARS	CENTS	DOLLARS	CENTS
			TRANSFORMER, INSTALL BLANK COVER, BASE CAN TO REMAIN				
23	L-100-5.2	8 EA	AT				
25	L-100-3.2	o la		_			
			PER EACH	[			
			REMOVE AND SALVAGE EXISTING RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER, DEMO BASE				
			TRANSFORMER, DEMO BASE				
24	L-100-5.3	1 EA	AT				
			PER EACH				
			REMOVE AND SALVAGE EXISTING RUNWAY THRESHOLD LIGHT AND ISOLATION TRANSFORMER, INSTALL BLANK COVER, BASE CAN TO REMAIN				
25	T 100 5 4	2 5 4	A.T.				
25	L-100-5.4	2 EA	AT				
			PER EACH	Ι			
			REMOVE EXISTING CONDUIT AND CONDUCTOR				
26	I 100 5 5	10 705 LE	4.7				
26	L-100-5.5	19,705 LF	AT				
			PER LINEAR FOOT				
			REMOVE EXISTING CONDUCTOR, CONDUIT TO REMAIN				
27	L 100 5 (	1 205 1 5					
27	L-100-5.6	1,305 LF	AT				
			PER LINEAR FOOT				
			REMOVE EXISTING CONCRETE ENCASED DUCTBANK				
20	I 100 5 7	746 I F					
28	L-100-5.7	745 LF	AT				
			PER LINEAR FOOT				
			REMOVE AND TEMPORARILY MOUNT & POWER AIRFIELD GUIDANCE SIGN				
			AND ISOLATION TRANSFORMER, DEMO SIGN BASE				
29	L-100-5.8	26 EA	AT				
			PER EACH	[			
			REMOVE AND SALVAGE UNLIGHTED AIRFIELD GUIDANCE SIGN, DEMO SIGN				
			BASE				
30	L-100-5.9	9 EA	АТ				
			PER EACH				
			EXCAVATE AND REMOVE EXISTING CONCRETE HAND HOLE				
31	L-100-5.10	10 EA	AT	-			
			PER EACH	r			
			EXCAVATE AND REMOVE EXISTING CONCRETE DUCT MARKER	<u> </u>			
32	L-100-5.11	4 EA	AT	4			
			PER EACH	r			
			PER EACH	-			<u> </u>

PROPOSAL-4 Addendum 2

TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT

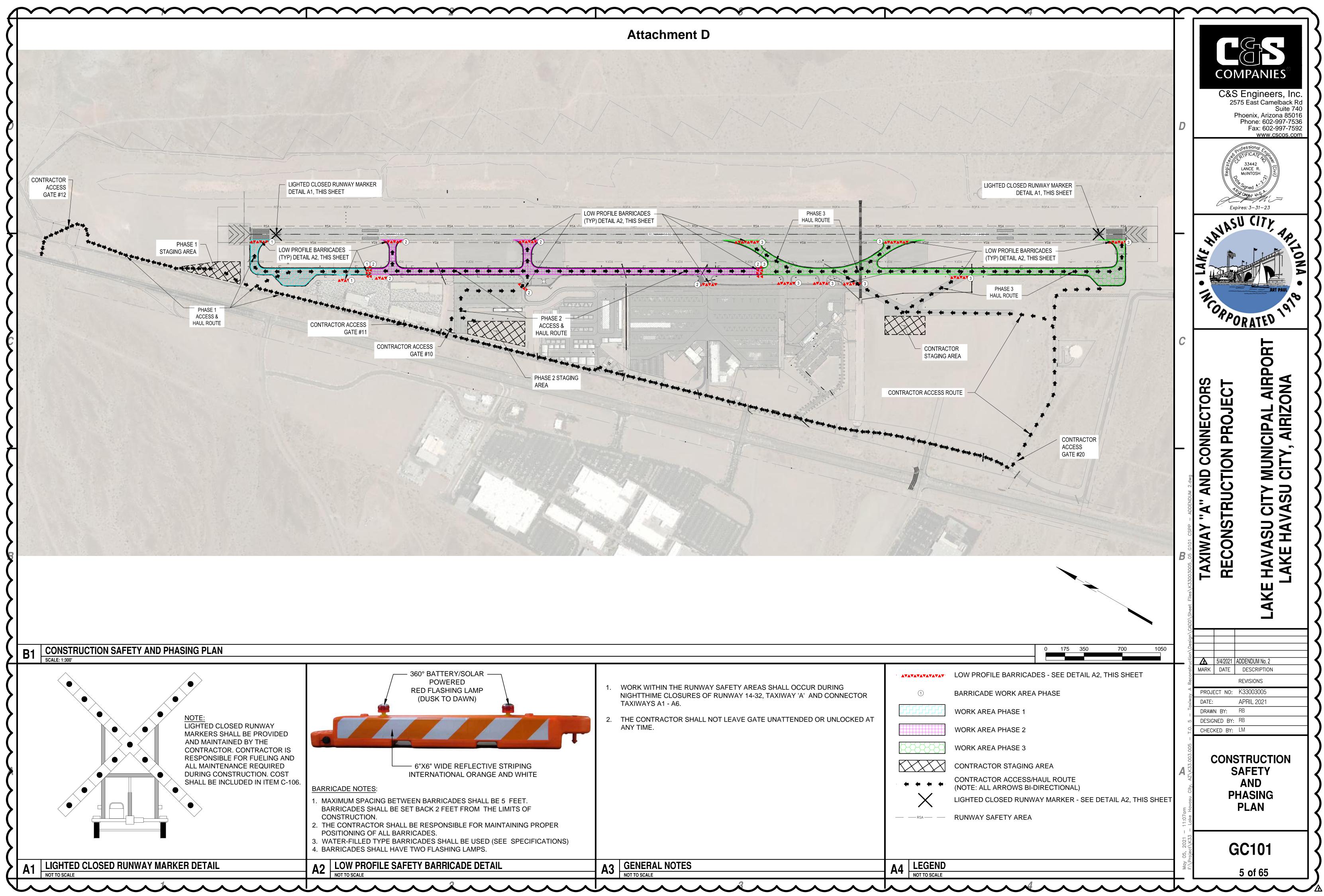
	FAA		ITEM LIST	UNIT P	RICE		
ITEM	SPEC		ITEM DESCRIPTION	IN FIGURES		TOTAL AMO	
NO.	NO.	QUANTITY	(PRICE WRITTEN IN WORD) TEMPORARY AIRFIELD LIGHTING CIRCUIT JUMPERS	DOLLARS	CENTS	DOLLARS	CENTS
33	L-100-5.12	1 LS	AT	-			
			PER LUMP SUM L-824, TYPE C, 1/C #8 AWG, 5KV CABLE				_
			L-824, I YPE C, I/C #8 AWG, SKV CABLE				
34	L-108-5.1	22,675 LF	AT				
			PER LINEAR FOOT L-824, TYPE C, 2/C #8 AWG, 5KV CABLE				-
35	L-108-5.2	5,005 LF	AT				
			PER LINEAR FOOT				
			SINGLE-WAY, (1) - 2" CONDUIT, SLURRY ENCASED				_
			SINGLE-WAY, (I) - 2" CONDUIT, SLORKY ENCASED				
36	L-110-5.1	21,405 LF	AT	_			
			PER LINEAR FOOT				_
			SINGLE-WAY, (1) - 2" CONDUIT, CONCRETE ENCASED				
37	L-110-5.2	395 LF	AT				
			PER LINEAR FOOT	-			
			MULTIPLE-WAY, (4) - 2" CONDUIT, CONCRETE ENCASED				
38	L-110-5.3	700 LF	AT				
			PER LINEAR FOOT NEW HANDHOLE, PREFABRICATED CONCRETE 4'X4'X4' WITH AIRCRAFT	-	_		_
			RATED LID, FURNISHED AND INSTALLED				
39	L-115-5.1	8 EA	AT	_			
			PER EACH SALVAGED L-858 SIZE 2, 2-MODULE, UNLIGHTED AIRFIELD GUIDANCE SIGN,				-
			ON NEW CONCRETE SIGN BASE				
40	L-125-5.1	5 EA	AT	-			
			PER EACH				
			PER EACH NEW L-858(L) SIZE 2, STYLE 2, 2-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW				
			CONCRETE SIGN BASE				
41	L-125-5.2	10 EA	AT	-			
			PER EACH				
			NEW L-858(L) SIZE 2, STYLE 2, 3-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW		+		+
			CONCRETE SIGN BASE				
42	L-125-5.3	15 EA	AT	-			
			PER EACH				
			PER EACH	-			

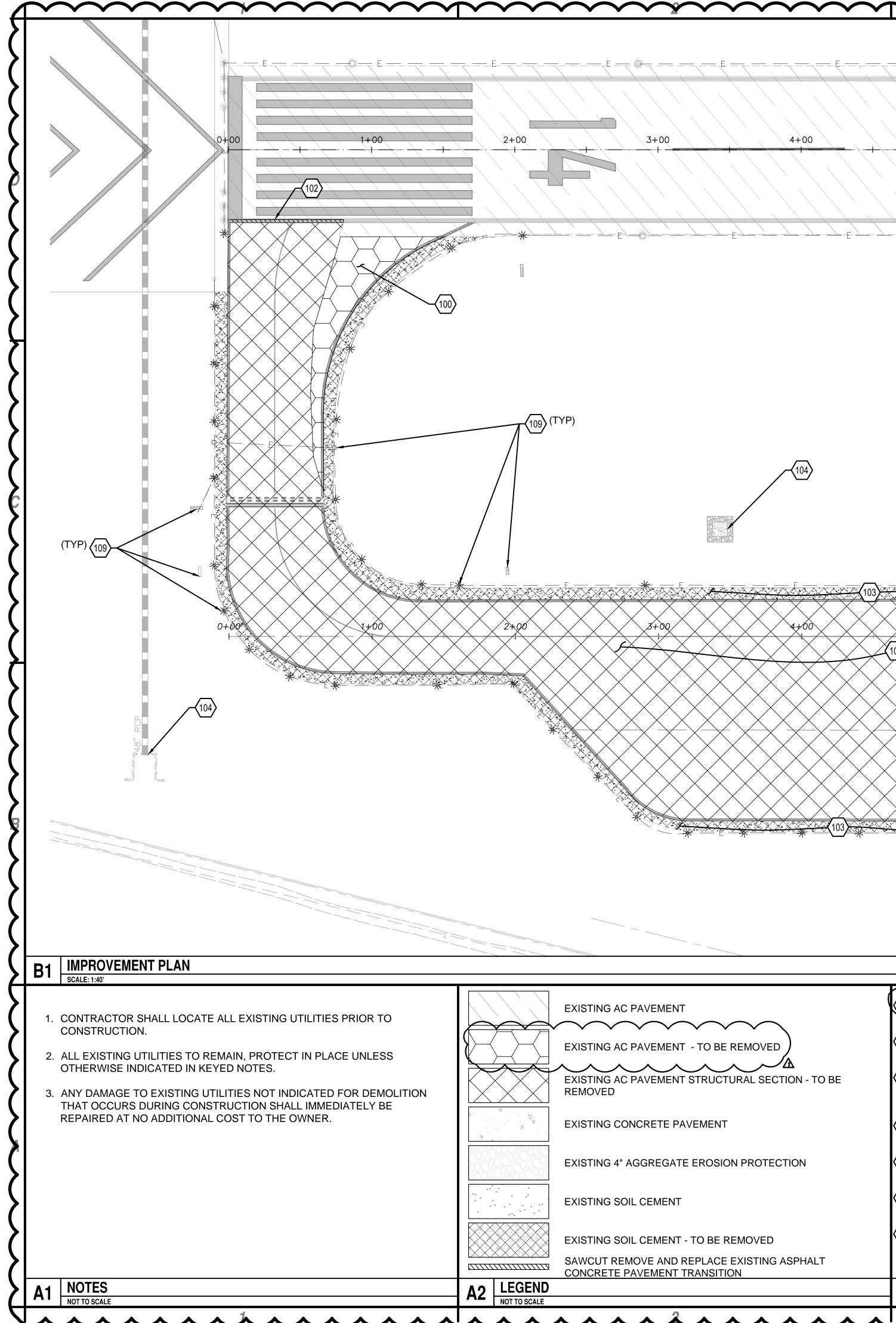
TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT

	FAA		ITEM LIST	UNIT P	UNIT PRICE			
ITEM	SPEC		ITEM DESCRIPTION	IN FIGU		TOTAL AMO		
NO.	NO.	QUANTITY	(PRICE WRITTEN IN WORD) NEW L-858(L) SIZE 2, STYLE 2, 4-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW	DOLLARS	CENTS	DOLLARS	CENTS	
			CONCRETE SIGN BASE					
43	L-125-5.4	2 EA	AT					
45	L-125-5.4	2 LA						
			PER EACH					
			NEW SIZE 2 SIGN PANELS AND NEW YELLOW RIBS (2 EA) IN EXISTING SIGN					
44	L-125-5.5	12 EA	AT					
			PER EACH					
			NEW ELEVATED L-861T(L) LED TAXIWAY EDGE LIGHT AND ISOLATION					
			TRANSFORMER ON NEW L-867 BASE CAN					
45	L-125-5.6	261 EA	AT		1			
			PER EACH					
			NEW ELEVATED L-861T(L) LED TAXIWAY EDGE LIGHT AND ISOLATION					
			TRANSFORMER ON EXISTING L-867 BASE CAN W/ NEW BOLTS					
46	L-125-5.7	1 EA	AT					
			PER EACH					
			SALVAGED TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON EXISTING BASE CAN					
47	L-125-5.8	5 EA	AT					
47	L-125-5.8	JEA						
			PER EACH					
			NEW ELEVATED L-861 RUNWAY EDGE LIGHT (OMNI-DIRECTIONAL W/W) AND					
			ISOLATION TRANSFORMER ON NEW L-867 BASE CAN					
48	L-125-5.9	4 EA	АТ					
			PER EACH					
			NEW ELEVATED L-861 RUNWAY EDGE LIGHT (BI-DIRECTIONAL W/Y) AND					
			ISOLATION TRANSFORMER ON NEW L-867 BASE CAN		1			
					1			
49	L-125-5.10	3 EA	AT		1			
					1			
			PER EACH					
			SALVAGED RUNWAY END LIGHT AND ISOLATION TRANSFORMER ON EXISTING BASE CAN		1			
50	L-125-5.11	2 EA	AT		1			
50	1-125-5.11	2 04			1			
			PER EACH		1			
			NEW RETROREFLECTIVE TAXIWAY EDGE MARKER		+			
			NEW REIRORLIELOUVE IMAGENTI EDGE MARKER		1			
51	L-125-5.12	8 EA	AT					
					1			
			PER EACH		1			
				1	1	1	1	

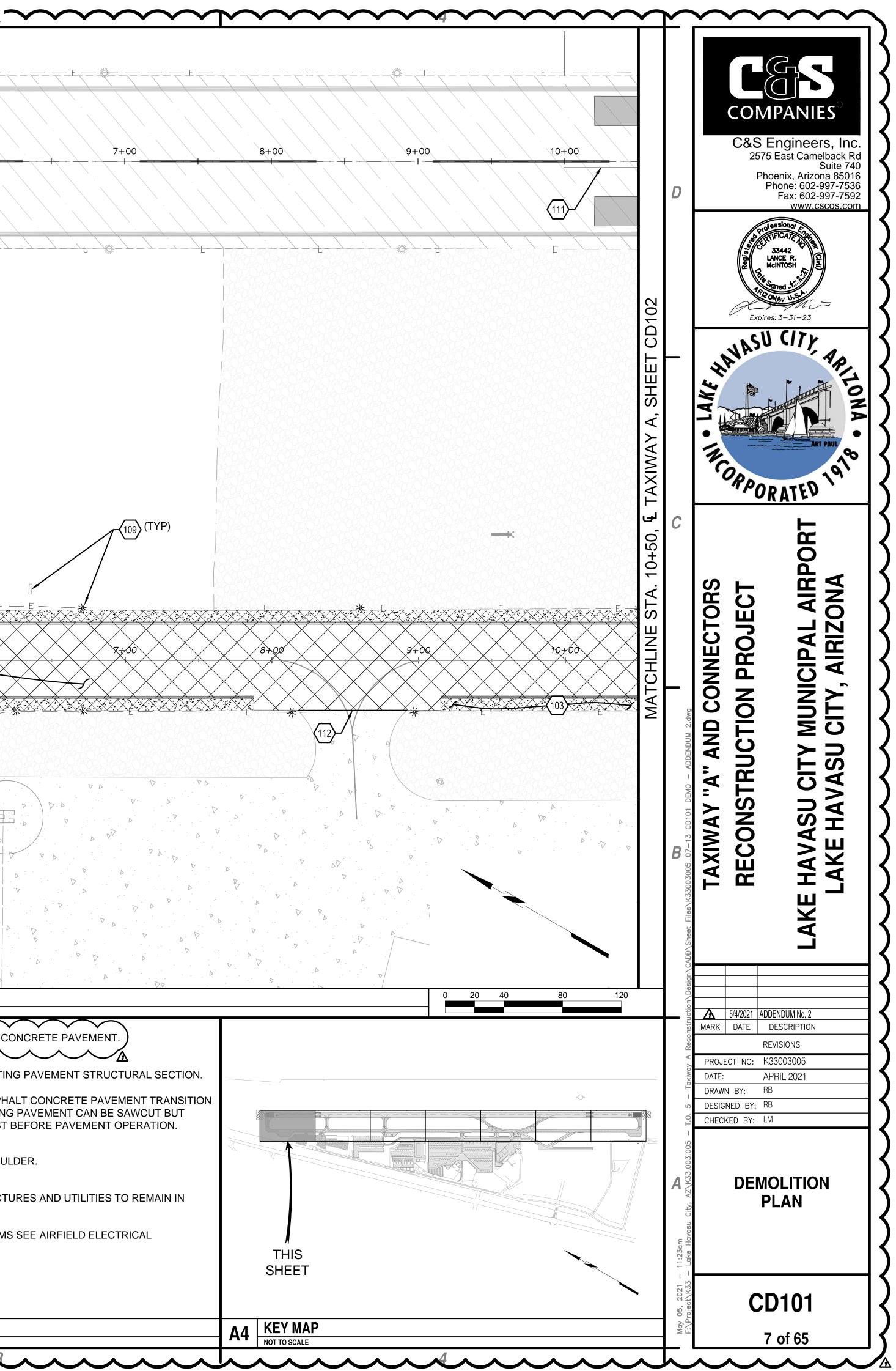
TAXIWAY A AND CONNECTORS RECONSTRUCTION PROJECT

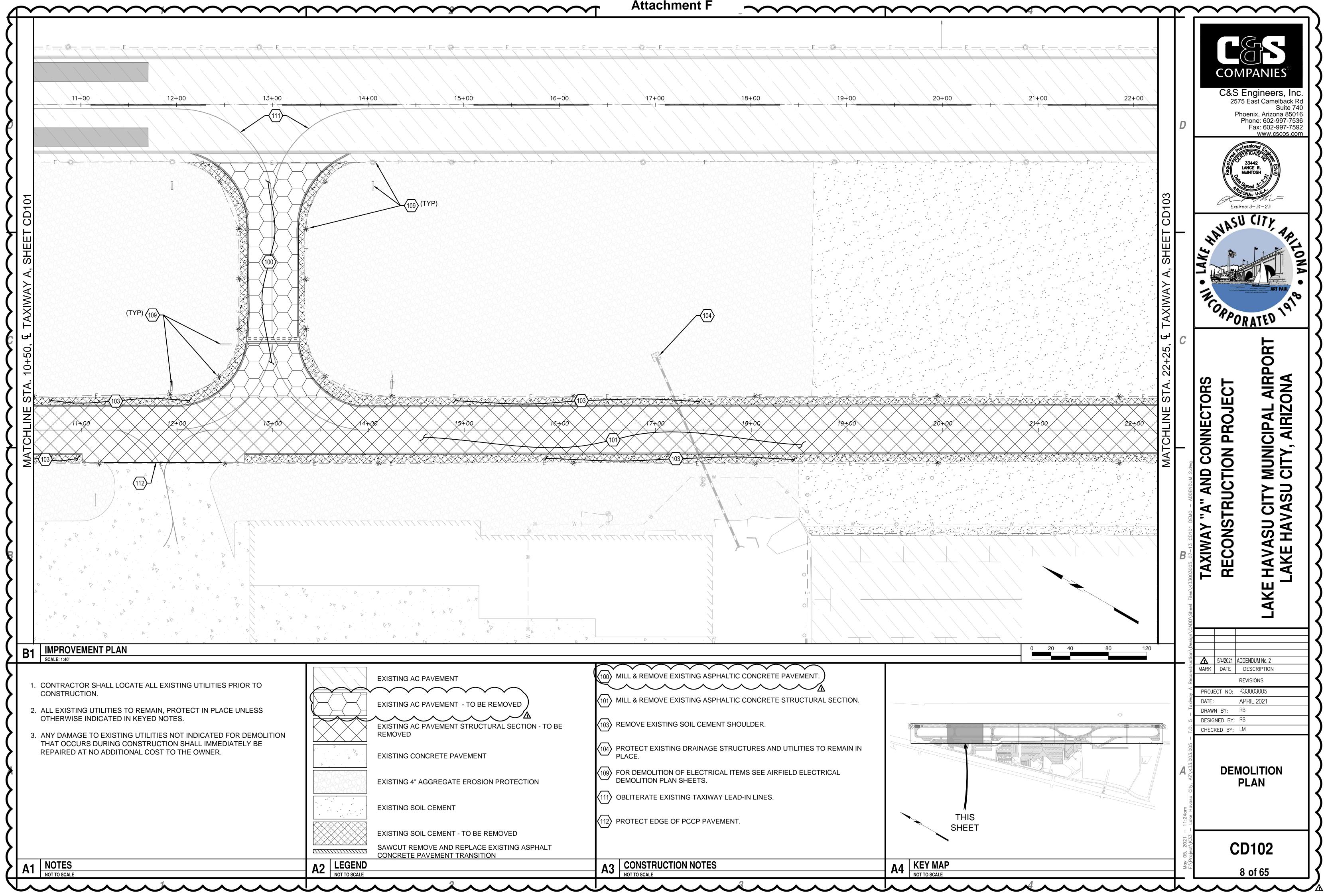
	FAA ITEM LIST UNIT				ICE		
TTEN				IN FIGURES		TOTAL AMOUNT	
ITEM	SPEC		ITEM DESCRIPTION	DOLLARS CENTS			
NO.	NO.	QUANTITY	(PRICE WRITTEN IN WORD)	DOLLARS	CENTS	DOLLARS	CENTS
			NEW L-861T (L) LED TAXIWAY EDGE LIGHT W/ STEMS, FRANGIBLE				
			COUPLINGS AND ISOLATION TRANSFORMERS (SPARES)				
		<b>65</b> E 1					
52	L-125-5.13	25 EA	AT	4			
			PER EACH				
			UTILITY ALLOWANCE (CONTINGENT ITEM)				
53	L-102-3.1	1 AL					
			AT Fifty thousand dollars and no cents	\$50,000	00	\$50,000	00
				+,		+/	
			PER AL				
				<u>+</u>		<u> </u>	
			TOTAL PRICE (WRITTEN IN WORD)			DOLLARS	CENTS
IUTAL PRICE (WRITTEN IN WORD)						DOLLING	CLINIS



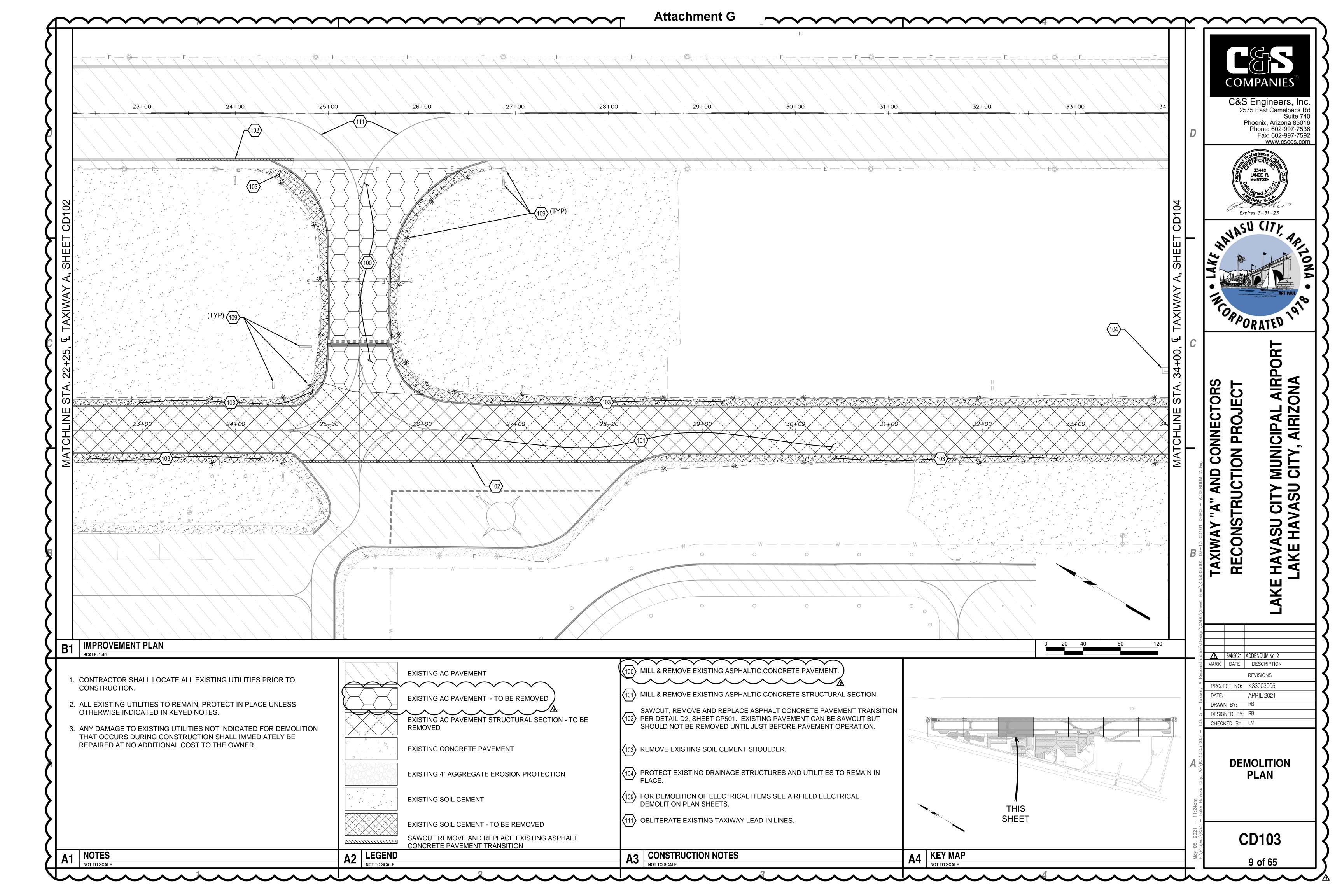


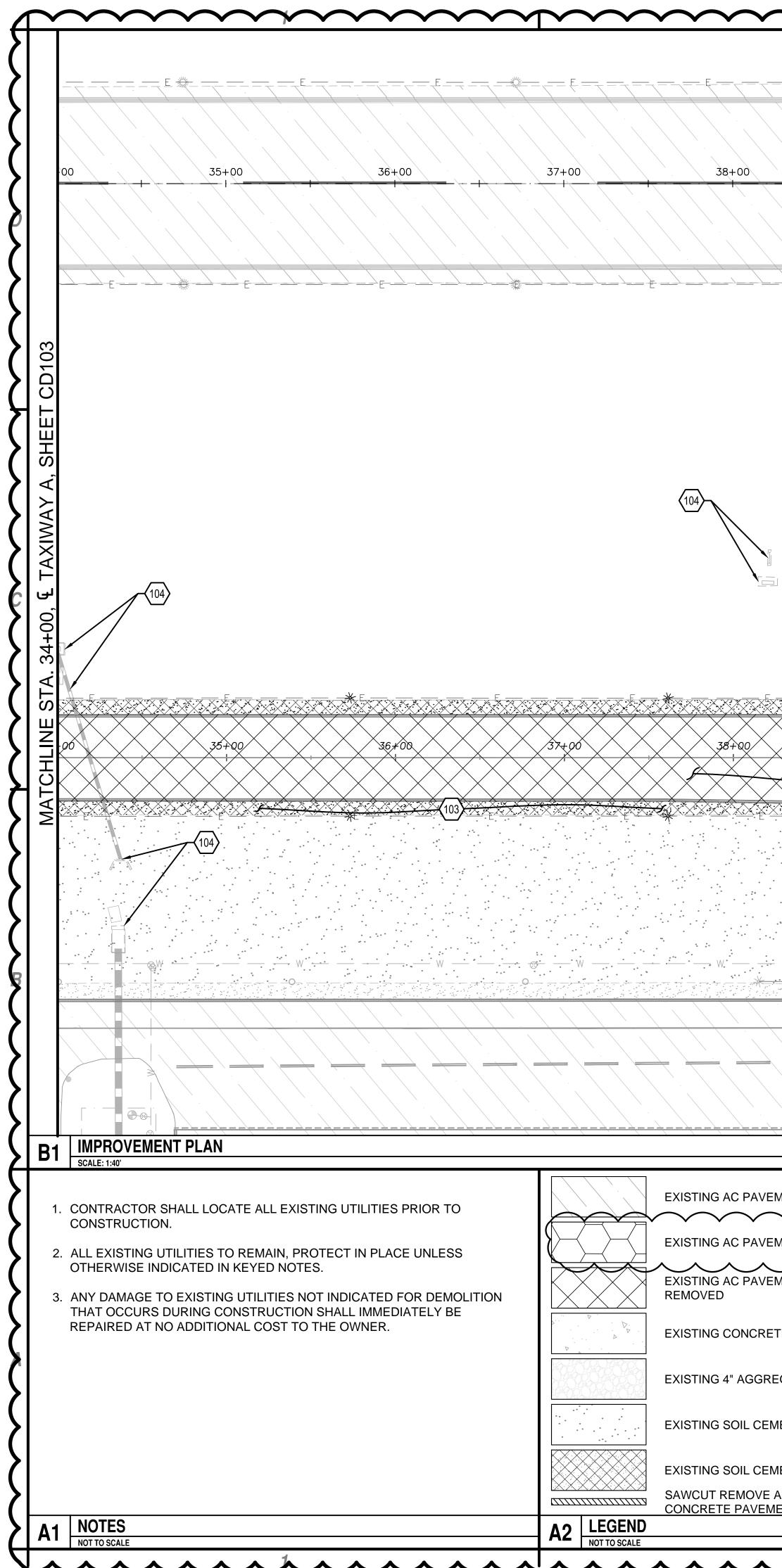
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		D D D
	100 MILL & REMOVE EXISTING ASPHALTIC CONCRETE PAVEMENT.	
MENT - TO BE REMOVED	MILL EXISTING AC AND REMOVE EXISTING PAVEMENT STRUCTURAL SE	ANSITION
MENT STRUCTURAL SECTION - TO BE	PER DETAIL D2, SHEET CP501. EXISTING PAVEMENT CAN BE SAWCUT E SHOULD NOT BE REMOVED UNTIL JUST BEFORE PAVEMENT OPERATIO	N.
TE PAVEMENT	103 REMOVE EXISTING SOIL CEMENT SHOULDER.	
EGATE EROSION PROTECTION	104 PROTECT EXISTING DRAINAGE STRUCTURES AND UTILITIES TO REMAIN PLACE.	N IN
/ENT	109 FOR DEMOLITION OF ELECTRICAL ITEMS SEE AIRFIELD ELECTRICAL DEMOLITION PLAN SHEETS.	
IENT - TO BE REMOVED AND REPLACE EXISTING ASPHALT	111 PROTECT EDGE OF PCCP PAVEMENT.	
ENT TRANSITION	A3 CONSTRUCTION NOTES	A4 🕌
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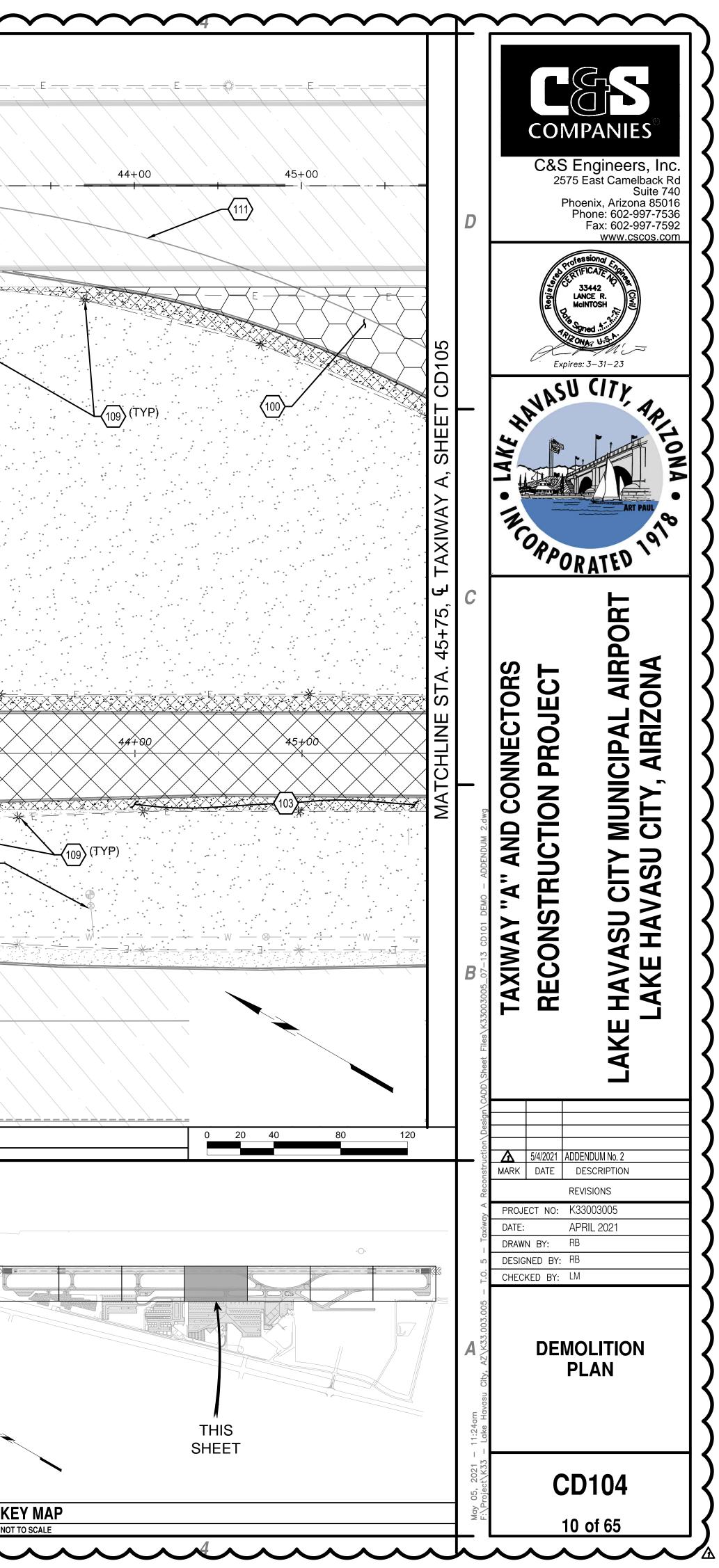
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	A3 CONSTRUCTION NOTES NOT TO SCALE	A4
AND REPLACE EXISTING ASPHALT IENT TRANSITION		
MENT - TO BE REMOVED		
MENT	112 PROTECT EDGE OF PCCP PAVEMENT.	
	08 OBLITERATE EXISTING TAXIWAY LEAD-IN LINES.	
EGATE EROSION PROTECTION	FOR DEMOLITION OF ELECTRICAL ITEMS SEE AIRFIELD ELECTRICAL DEMOLITION PLAN SHEETS.	
TE PAVEMENT	104 PROTECT EXISTING DRAINAGE STRUCTURES AND UTILITIES TO REMAIN IN PLACE.	
MENT STRUCTURAL SECTION - TO BE	(103) REMOVE EXISTING SOIL CEMENT SHOULDER.	
MENT - TO BE REMOVED	(101) MILL & REMOVE EXISTING ASPHALTIC CONCRETE STRUCTURAL SECTION.	
	MILL & REMOVE EXISTING ASPHALTIC CONCRETE PAVEMENT.	

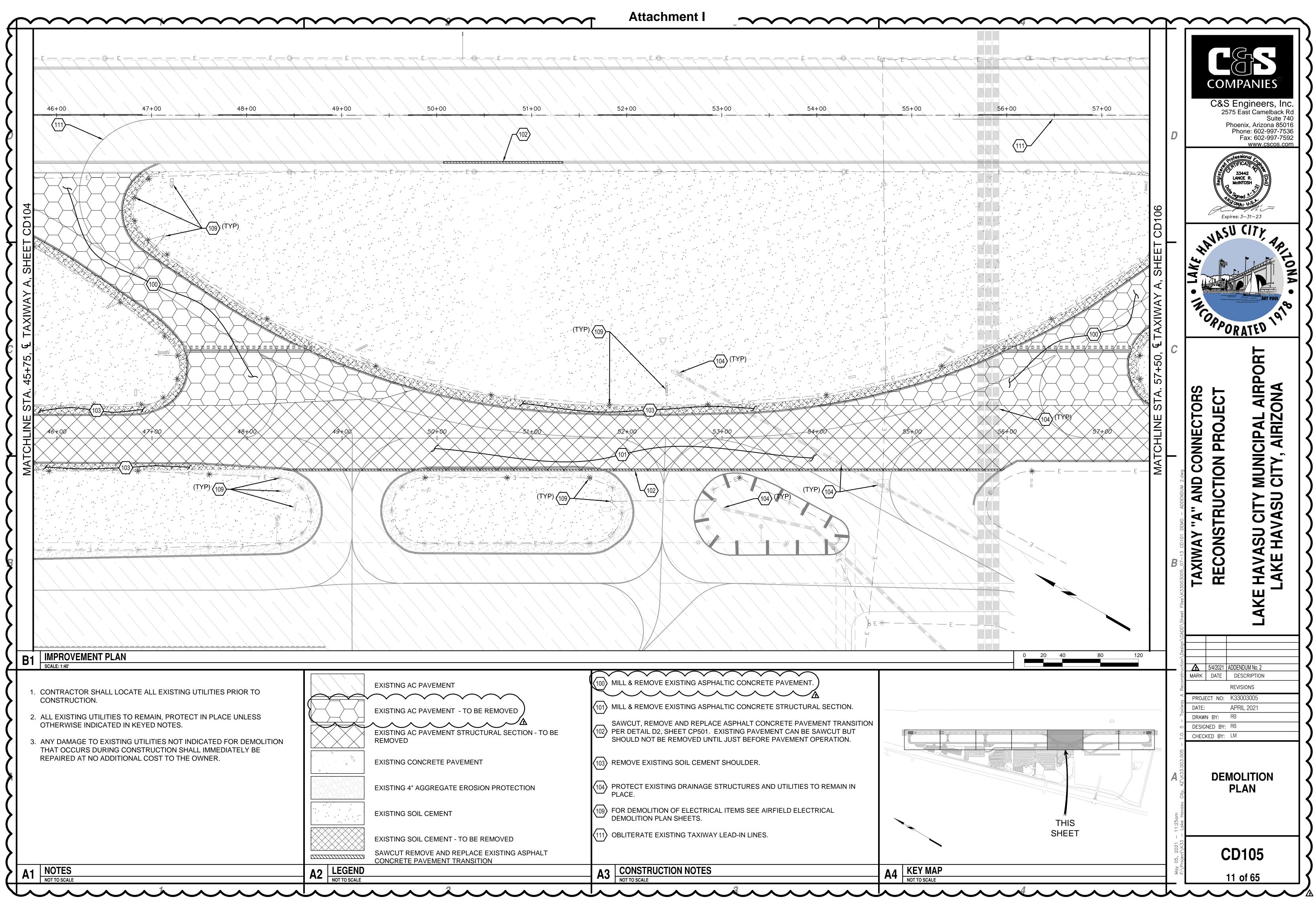




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	A3	NOT TO SCALE	A4	NC
	12	CONSTRUCTION NOTES	ΛЛ	K
AND REPLACE EXISTING ASPHALT ENT TRANSITION				
IENT - TO BE REMOVED	(11)	OBLITERATE EXISTING TAXIWAY LEAD-IN LINES.		
IENT		FOR DEMOLITION OF ELECTRICAL ITEMS SEE AIRFIELD ELECTRICAL DEMOLITION PLAN SHEETS.		K.
GATE EROSION PROTECTION		PROTECT EXISTING DRAINAGE STRUCTURES AND UTILITIES TO REMAIN IN PLACE.		
TE PAVEMENT	(103)	REMOVE EXISTING SOIL CEMENT SHOULDER.		
MENT STRUCTURAL SECTION - TO BE	<b>(</b> 102 <b>)</b>	SAWCUT, REMOVE AND REPLACE ASPHALT CONCRETE PAVEMENT TRANSITION PER DETAIL D2, SHEET CP501. EXISTING PAVEMENT CAN BE SAWCUT BUT SHOULD NOT BE REMOVED UNTIL JUST BEFORE PAVEMENT OPERATION.		
MENT - TO BE REMOVED	(101)	MILL & REMOVE EXISTING ASPHALTIC CONCRETE STRUCTURAL SECTION.		
	$\bowtie$	$\sim$		
MENT	<b>(</b> 100 <b>)</b>	MILL & REMOVE EXISTING ASPHALTIC CONCRETE PAVEMENT. )		





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ENT TRANSITION		CONSTRUCTION NOTES		Γ
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IENT - TO BE REMOVED	(111) C	OBLITERATE EXISTING TAXIWAY LEAD-IN LINES.		
IENT		FOR DEMOLITION OF ELECTRICAL ITEMS SEE AIRFIELD ELECTRICAL DEMOLITION PLAN SHEETS.		▶.
EGATE EROSION PROTECTION		PROTECT EXISTING DRAINAGE STRUCTURES AND UTILITIES TO REMAIN IN PLACE.		
TE PAVEMENT	(103) F	REMOVE EXISTING SOIL CEMENT SHOULDER.		//
MENT STRUCTURAL SECTION - TO BE	<b>(</b> 102) F	SAWCUT, REMOVE AND REPLACE ASPHALT CONCRETE PAVEMENT TRANSITION PER DETAIL D2, SHEET CP501. EXISTING PAVEMENT CAN BE SAWCUT BUT SHOULD NOT BE REMOVED UNTIL JUST BEFORE PAVEMENT OPERATION.		
MENT - TO BE REMOVED	(101) N	/ILL & REMOVE EXISTING ASPHALTIC CONCRETE STRUCTURAL SECTION.		
		AILL & REMOVE EXISTING ASPHALTIC CONCRETE PAVEMENT.		

