

Airport Advisory Board Meeting
Thursday, November 10, 2022 8:15 AM
Crete City Hall
243 E 13th Street
Crete, NE 68333

1. Open Meeting

- In accordance with Nebraska law, a copy of the Open Meetings Act can be found in the back of the Council Chambers.
- Items listed on the agenda may be considered in any order.

2. Roll Call

- Attendance of members will be recorded to determine the presence of a quorum for official actions.

3. Petitions - Communications - Citizen Concerns

- Citizen testimony may be limited to 3 minutes per person.
- Please do not repeat testimony that has already be heard.
- No action can be taken on matters presented under this title except to answer any questions or to refer the matter for further action.

4. Items of Business

- Action may be taken to discuss/limit discussion, to hear testimony in favor of or in opposition to, and to approve or disapprove any matter presented under this title.

4.A. Consider a recommendation to the City Council on Hangar #2 shop heater replacement.

4.B. Consider a recommendation to the City Council on office heating and air conditioning repairs or replacement.

4.C. Consider a recommendation to the City Council on the Capital Improvement Plan.

5. Officers' Reports

- Reports may be given by Officers, City Departments, Committees, or Board members concerning the current operations of the Airport.
- No action can be taken on matters presented under this title except to answer any questions or to refer the matter for further action.

6. Adjournment

Disclaimers & Notices

- The Council may enter into closed session to discuss any matter on this agenda when it is determined that a closed session is clearly necessary for the protection of the public interest or the prevention of needless injury to the reputation of an individual (if such individual has not requested a public meeting) or as otherwise allowed by law. Any closed session shall be limited to the subject matter for which the closed session was called. If the motion to close passes, then immediately prior to the closed session the Mayor shall restate on the record the limitation of the subject matter of the closed session.
- The City of Crete assures that no person shall on the grounds of race, color, national origin, age, disability, handicap or sex, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity of the City receiving Federal financial assistance. To report discrimination, contact the City Clerk's office.
- The complete agenda with attachments is available at www.crete.ne.gov.

Hawks Plumbing and Heating L.L.C.
2370 County Rd C
Crete, NE 68333
402-826-2029
www.hawksplumbingandheating.com



Estimate

ADDRESS

Crete Airport

ESTIMATE # 1321

DATE 11/09/2022

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
	BID	Estimate for radiant tube heaters work to include -installation of 3 radiant tube heaters -installation of gas lines -installation of wifi t-stat to run all 3 units -venting out tube heaters -removal of existing unit heaters labor materials and permits	1	17,700.00	17,700.00
TOTAL					\$17,700.00

Accepted By

Accepted Date



Address
3324 Ox Bow Circle
Lincoln NE 68504

Contact
402.467.1111 (Call or Text)
contact@bryantlincoln.com

Web
www.bryantlincoln.com
www.facebook.com/bryantlincoln

**Air Conditioning, Heating,
Electrical & Plumbing Co.**

Customer: Elevate Air Services

Phone: 402-310-6124

Address: 2429 County Road F, Crete NE 68333

Email: shaun@eascek.com

GOOD Proposed Equipment & Indoor Air Quality Products

Omega II 150,000 BTU radiant heat with 60' tubes x 2
2- Line voltage thermostats
Flue material
Chains and clamps
B&D 2 pump non-pressure pump
10 yr. warranty on tubes only
Bryant will install new pump system and start up.

Installation Components

<input type="checkbox"/> Heat Loss/ Heat Gain Performed	<input type="checkbox"/> A/C Pad	<input type="checkbox"/> Install Registers
<input type="checkbox"/> Permits & PPRBD Inspection	<input type="checkbox"/> A/C Bracket	<input checked="" type="checkbox"/> Install Thermostat
<input checked="" type="checkbox"/> Labor	<input type="checkbox"/> Install Supply Duct	<input type="checkbox"/> Exhaust Bath Fan (Venting Only)
<input checked="" type="checkbox"/> Install Flue	<input type="checkbox"/> Install Return Duct	<input type="checkbox"/> Exhaust Dryer Vent (Venting Only)
<input type="checkbox"/> Install Refrigerant Lines	<input type="checkbox"/> Seal Ductwork	<input type="checkbox"/> Exhaust Rangehood (Venting Only)
<input type="checkbox"/> Condensate Pump	<input type="checkbox"/> Install Combustion Air	<input type="checkbox"/> Wells/Geo loop
<input type="checkbox"/> Crane/Lift	<input type="checkbox"/> Controls	<input checked="" type="checkbox"/> Other <u>electrical</u>
<input type="checkbox"/> Other		<input checked="" type="checkbox"/> Other <u>plumbi</u>

Guarantees/Warranties

<input checked="" type="checkbox"/> 3 Years on Parts	<input checked="" type="checkbox"/> 3 Thermostat Warranty	<input type="checkbox"/> Maintenance Plan
<input type="checkbox"/> Years on Heat Exchanger	<input checked="" type="checkbox"/> 1 Years on Labor	<input type="checkbox"/> Extended Equip Warranty
<input type="checkbox"/> Years on Compressor		

Special Notes

Total Investment

Bryant Air Conditioning & Heating proposes to furnish equipment, materials & labor specified above, for the sum of

Payment Option(s): Pay \$24,861.00 with cash or check on day of installation (includes all rebates & discounts)

All payments made with a credit card will have a convenience fee of 3% assessed to the cash price.

Comfort Specialist: Steve Wittenhagen, Steve Wittenhagen

Valid for 30 days from: 9/20/22

Homeowner Acceptance: _____ Date: _____

All material is guaranteed as specified. All work will be performed in a professional manner by highly trained, drug-free technicians. You may cancel this transaction at any time prior to midnight of the third day after the agreement is signed.

Payment due on day of installation.

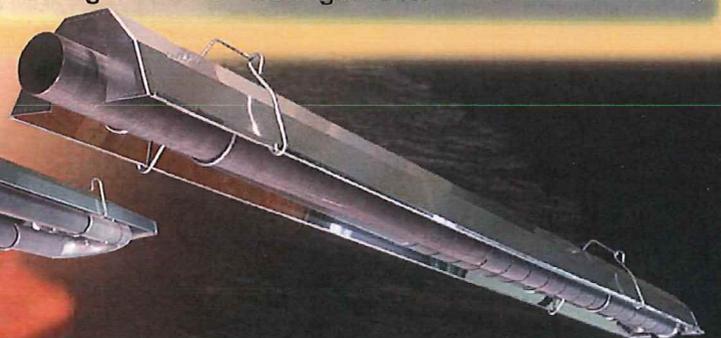
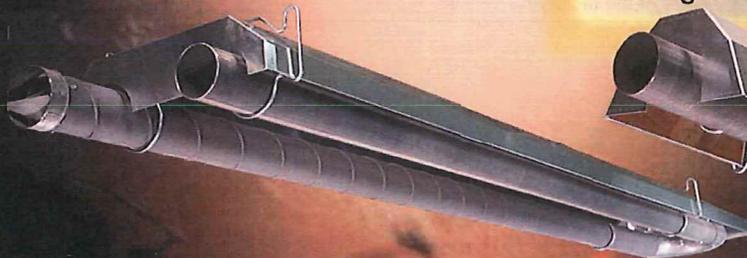
Your Satisfaction is Guaranteed.

Omega II®

www.combustionresearch.com

Combustion Research Corp.

Toll Free No. 888.852.3611



10 Year Warranty on Radiant Tubes For Internally Created Corrosion

3 Try Direct Spark Ignition
100% Safety 1 Hour Lockout

Burner Flame Inspection Window

CSA Certified (Formally A.G.A & CGA)

Easy Installation

Electronic Flame Monitoring

Emitter Tubing S.E.C. Designed for Optimum Efficiency and Output

Energy Savings of 30-50% over Conventional Heating Systems

Natural Gas or Propane Gas

Powder Coated or Stainless Steel Burner Housing

Pre Purge Cycle

Radiant Tubing Constructed Entirely of Corrosion Resistant Aluminized Steel
Also Available in Stainless Steel

Straight and "U" Configuration

ESTIMATE

Prepared For

Crete Municipal Airport
2429 County Road F
Crete, NE 68333
(402) 310-6124

Drake Refrigeration, Heating, Cooling & Appliance, LLC

122 S Main Street
Friend, Nebraska 68359
Phone: (402) 947-5591
Email: drake.refrigeration@yahoo.com

Estimate # 586
Date 10/11/2022
PO # Shop Hanger Radiant

Description **Rate**

Estimate \$18,254.29

Estimate to remove existing unit heaters in shop and install 3 Reznor LP gas straight tube radiant heaters, gas lines and regulators. All 3 units to be controlled by a single WiFi thermostat.
Price includes labor, materials, and tax.
Price does not include high voltage wiring or scissor lift rental.

Subtotal \$18,254.29

Total **\$18,254.29**

Deposit Due **\$9,127.15**

THANK YOU, WE APPRECIATE YOUR BUSINESS!

Please send payment within 10 days of receiving Invoice. No statement will be sent. Finance charge is 1.5% per month on balance owing [18% APR]. On all Estimates a 50% down payment is required before equipment will be ordered and balance due upon installation. Prices void after 14 days.



**Air Conditioning, Heating,
Electrical & Plumbing Co.**

Address
3324 Ox Bow Circle
Lincoln NE 68504

Contact
402.467.1111 (Call or Text)
contact@bryantlincoln.com

Web
www.bryantlincoln.com
www.facebook.com/bryantlincoln

Customer: Elevate Air Services

Phone: 402-310-6124

Address: 2429 County Road F, Crete NE 68333

Email: shaun@eascek.com

GOOD Proposed Equipment & Indoor Air Quality Products

Omega II 150,000 BTU radiant heat with 60' tubes x 2
 2- Line voltage thermostats
 Flue material
 Chains and clamps
 B&D 2 pump non-pressure pump
 10 yr. warranty on tubes only
 Bryant will install new pump system and start up. Cost to replace pump \$3076.00

Installation Components

<input type="checkbox"/> Heat Loss/ Heat Gain Performed	<input type="checkbox"/> A/C Pad	<input type="checkbox"/> Install Registers
<input type="checkbox"/> Permits & PPRBD Inspection	<input type="checkbox"/> A/C Bracket	<input checked="" type="checkbox"/> Install Thermostat
<input checked="" type="checkbox"/> Labor	<input type="checkbox"/> Install Supply Duct	<input type="checkbox"/> Exhaust Bath Fan (Venting Only)
<input checked="" type="checkbox"/> Install Flue	<input type="checkbox"/> Install Return Duct	<input type="checkbox"/> Exhaust Dryer Vent (Venting Only)
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<input type="checkbox"/> Condensate Pump	<input type="checkbox"/> Install Combustion Air	<input type="checkbox"/> Wells/Geo loop
<input type="checkbox"/> Crane/Lift	<input type="checkbox"/> Controls	<input checked="" type="checkbox"/> Other <u>electrical</u>
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Guarantees/Warranties

<input checked="" type="checkbox"/> 3 Years on Parts	<input checked="" type="checkbox"/> 3 Thermostat Warranty	<input type="checkbox"/> Maintenance Plan
<input type="checkbox"/> Years on Heat Exchanger	<input checked="" type="checkbox"/> 1 Years on Labor	<input type="checkbox"/> Extended Equip Warranty
<input type="checkbox"/> Years on Compressor		

Special Notes

Total Investment

Bryant Air Conditioning & Heating proposes to furnish equipment, materials & labor specified above, for the sum of

Payment Option(s): Pay \$21,785.00 with cash or check on day of installation (includes all rebates & discounts)

All payments made with a credit card will have a convenience fee of 3% assessed to the cash price.

Comfort Specialist: Steve Wittenhagen, Steve Wittenhagen

Valid for 30 days from: 10/24/22

Homeowner Acceptance: _____ Date: _____

All material is guaranteed as specified. All work will be performed in a professional manner by highly trained, drug-free technicians. You may cancel this transaction at any time prior to midnight of the third day after the agreement is signed. **Payment due on day of installation.**

Your Satisfaction is Guaranteed.

ESTIMATE

Prepared For

Crete Municipal Airport
2429 County Road F
Crete, NE 68333
(402) 310-6124

Drake Refrigeration, Heating, Cooling & Appliance, LLC

122 S Main Street
Friend, Nebraska 68359
Phone: (402) 947-5591
Email: drake.refrigeration@yahoo.com

Estimate # 585
Date 10/11/2022
PO # Office Heat Pump

Description

Rate

Estimate	\$14,972.76
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Estimate to remove existing geothermal unit and install new Ducane 18-SEER inverter air to air heat pump, electric air handler with constant torque blower motor and 20Kw heat kit. Heat pump to be set on South side of building. Air handler to be connected to existing ductwork. Price includes labor, materials, and tax. Price does not include high voltage wiring.

Subtotal	\$14,972.76
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Total	\$14,972.76
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Deposit Due	\$7,486.38
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THANK YOU, WE APPRECIATE YOUR BUSINESS!

Please send payment within 10 days of receiving Invoice. No statement will be sent. Finance charge is 1.5% per month on balance owing [18% APR]. On all Estimates a 50% down payment is required before equipment will be ordered and balance due upon installation. Prices void after 14 days.

Hawks Plumbing and Heating L.L.C.
2370 County Rd C
Crete, NE 68333
402-826-2029
www.hawksplumbingandheating.com



Estimate

ADDRESS

Crete Airport

ESTIMATE # 1322

DATE 11/09/2022

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
	BID	Estimate for HVAC system for offices work to include -removal of existing geothermal -installation of new equipment -equipment to be used -Lennox EL18XPV-60 18 seer inverter heat pump -Lennox CBA38MV variable speed air handler w/20kw back up heat -install lennox lcomfort smart wifi T-stat labor permit and materials (electrical not included)	1	14,650.00	14,650.00
TOTAL					\$14,650.00

Accepted By

Accepted Date

Capital Improvement ProgramCRETE MUNI
CRETE

Year	Description	Total Cost	Federal	State	Local
Phase I					
2024	Construct and light partial parallel taxiway	\$2,140,000	\$1,926,000	\$0	\$214,000
2026	Construct 8-place T-hangar	\$1,510,000	\$1,359,000	\$0	\$151,000
2027	ALP update	\$140,000	\$126,000	\$0	\$14,000
Phase I Subtotal		\$3,790,000	\$3,411,000	\$0	\$379,000
Phase II					
2028	Crack & joint seal w/ select panel replacment	\$450,000	\$405,000	\$0	\$45,000
2029	Construct storage hangar	\$1,180,000	\$1,062,000	\$0	\$118,000
2030	Rehabilitate access road and parking lot	\$385,000	\$346,500	\$0	\$38,500
2030	Replace Hangar Ramps & Drainage Improvements	\$1,100,000	\$990,000	\$0	\$110,000
2032	AWOS III (if justified)	\$110,000	\$99,000	\$0	\$11,000
Phase II Subtotal		\$3,225,000	\$2,902,500	\$0	\$322,500
Phase III					
2036	Rehabilitate/Replace Hangar A	\$850,000	\$600,000	\$0	\$250,000
2038	Rehab. 17/35 (r1-1,3)	\$650,615	\$585,553	\$0	\$65,062
2042	Pave runway 13/31	\$861,120	\$775,008	\$0	\$86,112
Phase III Subtotal		\$2,361,735	\$1,960,561	\$0	\$401,174
Total Development Costs		\$9,376,735	\$8,274,061	\$0	\$1,102,674
Not Funded					
2032	T-hangar taxilanes	\$300,000			
2032	9-place t-hangar	\$1,315,000			
Not Funded Subtotal					

FEDERAL AVIATION ADMINISTRATION

CIP DATA SHEET

CAPITAL IMPROVEMENT PROGRAM (CIP)

AIRPORTS DIVISION - CENTRAL REGION

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION			
Airport Name, LOCID, City, State:	Crete Municipal Airport, CEK, Crete, Nebraska		
AIP Project Type:	Construct 8-Place T-Hangar		
Local Priority:	1 - Very High	Federal Share:	\$ 1,395,000.00
FFY Requested:	2026	State Share:	\$ 0.00
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing that clearly identifies the scope of the project.		Local Share:	\$ 151,000.00
		Total Project Cost:	\$ 1,510,000.00
<p>Project Description: Construct 8-Place T-Hangar. Justification: The Airport is currently out of hangar space and is in need of additional space to store aircraft. Airport Layout Plan (ALP) Status: The project is shown on the approved ALP. Environmental (NEPA) Determination: Categorically excluded per Section 5-6.4f FAA Order 1050.1F. Pavement Project PCI Score: PCI score is not applicable for new pavement. Pavement Project Dimensions: Hangar Taxilane will be 25' wide. Pavement Project Apron Calculations: Not Applicable. Clear Approach and Departure Surfaces: To the best of our knowledge all surfaces in AC 150/5300-13 and FAA Order 8260.3 are clear. FAA-Owned Facility Impact: There are no FAA-owned facilities on the airport. Snow Removal Equipment (SRE) Inventory and Sizing Calculations: Not Applicable. Useful Life: Not applicable because no rehabilitation, reconstruction or replacement is proposed. AIP Funded Equipment Disposal: None. Revenue Producing Project: All airside needs have been met. The runway approach and departure surfaces are clear of obstructions. Any airside needs within the next three years will be accommodated through local or nonprimary entitlement funds. Land Ownership: The Airport Authority has the use and occupancy of all land upon which AIP funds will be expended for development. In accordance with Nebraska Statute 3-503, the title of real property remains with the city of Crete.</p>			
SPONSOR SIGNATURE BLOCK			
Signature:		Date:	
Printed Name:		Title:	
Phone Number:		Email:	

ACIP Data Sheet Cost Estimate

Construct 8-Place T-Hangar

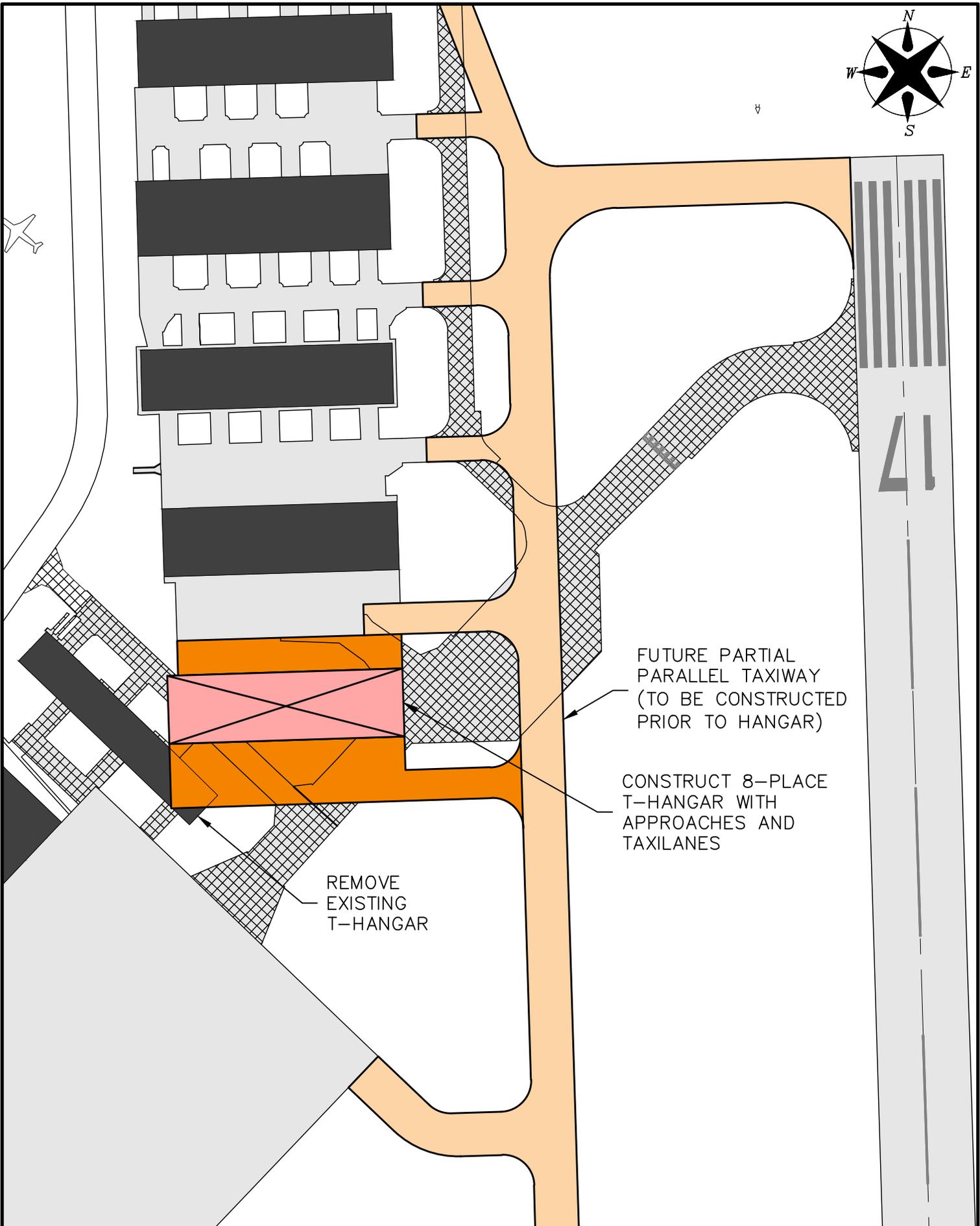
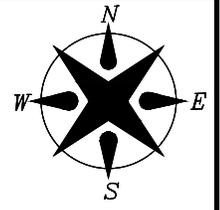
Crete Municipal Airport
Crete, Nebraska

January 2022

Item No.	Spec	Description	Unit	Quantity	Unit Price	Total Amount
1	C-100	Contractor Quality Control Program (CQCP)	LS	1	\$10,000.00	\$10,000.00
2	C-102	Temporary seeding	AC	1	\$3,000.00	\$3,000.00
3	C-102	Erosion Control Blanket	SY	700	\$5.00	\$3,500.00
4	C-102	Installation and removal of silt fence	LF	250	\$5.00	\$1,250.00
5	C-105	Mobilization	LS	1	\$110,000.00	\$110,000.00
6	P-101	Concrete Pavement Removal	SY	2,180	\$12.00	\$26,160.00
7	P-101	T-Hangar Removal	LS	1	\$25,000.00	\$25,000.00
8	P-152	Unclassified Excavation	CY	1,500	\$20.00	\$30,000.00
9	P-152	Muck Excavation	CY	150	\$30.00	\$4,500.00
10	P-208	(6") Aggregate Base Course	SY	2,050	\$15.00	\$30,750.00
11	P-501	Concrete Mix Design	LS	1	\$15,000.00	\$15,000.00
12	P-501	(6") Concrete Pavement	SY	1,950	\$75.00	\$146,250.00
13	T-901	Seeding	AC	1	\$3,000.00	\$3,000.00
14	T-908	Mulching	AC	1	\$2,000.00	\$2,000.00
15	-	8-Place T-Hangar Electrical System including but not limited to Electrical Service and Meter to building, Electric Distribution Panel, Lighting, Hangar door connections, Floor Ground Rods, Power Outlets, and miscellaneous appurtenances per plans and specifications	LS	1	\$105,000.00	\$105,000.00
16	-	8-Place T-Hangar Building Concrete Footings and 6" Floor Slab, Exterior Structural Stoop for Walk Doors	LS	1	\$187,500.00	\$187,500.00
17	-	8-Place T-Hangar Pre-Engineered Metal Building, including installation of Hangar Doors, Exterior Walk Doors, and miscellaneous appurtenances per plans and specifications	LS	1	\$487,500.00	\$487,500.00
18	Olsson 101	Construction Layout and Stakes	LS	1	\$7,500.00	\$7,500.00
19	Olsson 102	Temporary Safety and Phasing Procedures	LS	1	\$7,500.00	\$7,500.00

Total Construction \$1,205,410.00
Engineering and Administration \$301,352.50
Total (Rounded) \$1,510,000.00

Federal (90%) \$1,359,000.00
Local (10%) \$151,000.00



FUTURE PARTIAL
PARALLEL TAXIWAY
(TO BE CONSTRUCTED
PRIOR TO HANGAR)

CONSTRUCT 8-PLACE
T-HANGAR WITH
APPROACHES AND
TAXILANES

REMOVE
EXISTING
T-HANGAR

PROJECT NO: -
DRAWN BY: JDB
DATE: 1/2022

PROPOSED PROJECT
CRETE MUNICIPAL AIRPORT



601 P Street, Suite 200
P.O. Box 84608
Lincoln, NE 68508
TEL 402.474.6311

EXHIBIT
1

FEDERAL AVIATION ADMINISTRATION

CIP DATA SHEET

CAPITAL IMPROVEMENT PROGRAM (CIP)

AIRPORTS DIVISION - CENTRAL REGION

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION

Airport Name, LOCID, City, State:	Crete Municipal Airport, CEK, Crete, Nebraska		
AIP Project Type:	Construct and Light Partial Parallel Taxiway		
Local Priority:	1 - Very High	Federal Share:	\$ 1,926,000.00
FFY Requested:	2024	State Share:	\$ 0.00
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing that clearly identifies the scope of the project.		Local Share:	\$ 214,000.00
		Total Project Cost:	\$ 2,140,000.00

Project Description: Construct and Light Partial Parallel Taxiway.
Justification: The current connecting taxiway to Runway 17 does not meet FAA standards, reconstructing this connection with the addition of the remaining parallel taxiway will correct this defect and provide pilots a safe alternative back-taxiing on the Runway.
Airport Layout Plan (ALP) Status: The project is shown on the approved ALP.
Environmental (NEPA) Determination: Categorically excluded per Section 5-6.4e FAA Order 1050.1F.
Pavement Project PCI Score: PCI score is not applicable for new pavement.
Pavement Project Dimensions: The proposed Taxiway will be 35' wide, Taxilanes will be 25' wide.
Pavement Project Apron Calculations: Not Applicable.
Clear Approach and Departure Surfaces: To the best of our knowledge all surfaces in AC 150/5300-13 and FAA Order 8260.3 are clear.
FAA-Owned Facility Impact: There are no FAA-owned facilities on the airport.
Snow Removal Equipment (SRE) Inventory and Sizing Calculations: Not Applicable.
Useful Life: The pavement is at least 25 years old, which exceeds the useful life listed in FAA Order 5100.38, Table 3-8.
AIP Funded Equipment Disposal: None
Revenue Producing Project: Not Applicable.
Land Ownership: The Airport Authority has the use and occupancy of all land upon which AIP funds will be expended for development. In accordance with Nebraska Statute 3-503, the title of real property remains with the city of Crete.

SPONSOR SIGNATURE BLOCK

Signature:		Date:	
Printed Name:		Title:	
Phone Number:		Email:	

ACIP Data Sheet Cost Estimate
Construct Partial Parallel Taxiway to Runway 17/35

Crete Municipal Airport
 Crete, Nebraska

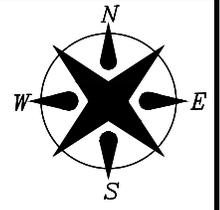
January 2022

Item No.	Spec	Description	Unit	Quantity	Unit Price	Total Amount
1	C-100	Contractor Quality Control Program (CQCP)	LS	1	\$15,000.00	\$15,000.00
2	C-102	Temporary seeding	SY	5	\$3,000.00	\$15,000.00
3	C-102	Erosion Control Blanket	SY	4,080	\$5.00	\$20,400.00
4	C-102	Installation and removal of silt fence	LF	1,500	\$5.00	\$7,500.00
5	C-102	Wattle Barrier Installation and Removal	LF	150	\$10.00	\$1,500.00
6	C-105	Mobilization	LS	1	\$155,000.00	\$155,000.00
7	P-101	Concrete Pavement Removal	SY	3,975	\$10.00	\$39,750.00
8	P-152	Unclassified Excavation	CY	8,500	\$20.00	\$170,000.00
9	P-152	Muck Excavation	CY	850	\$30.00	\$25,500.00
10	P-208	(6") Aggregate Base Course	SY	9,610	\$15.00	\$144,150.00
11	P-501	Concrete Mix Design	LS	1	\$15,000.00	\$15,000.00
12	P-501	(6") Concrete Pavement	SY	9,150	\$65.00	\$594,750.00
13	P-620	Permanent Pavement Marking w/o Reflective Media	SF	2,500	\$2.00	\$5,000.00
14	P-620	Permanent Pavement Marking with Reflective Media	SF	2,000	\$2.50	\$5,000.00
15	P-620	Temporary Pavement Marking	SF	2,000	\$2.00	\$4,000.00
16	D-701	24" Reinforced Concrete Pipe (RCP)	LF	160	\$100.00	\$16,000.00
17	D-701	24" Class X RCP Flared End Section	EA	4	\$1,500.00	\$6,000.00
18	D-705	Edge Drain Riser	EA	10	\$1,500.00	\$15,000.00
19	D-705	4" Perforated Underdrain Pipe	LF	3,580	\$35.00	\$125,300.00
20	D-705	4" Non-Perforated Underdrain Pipe	LF	600	\$35.00	\$21,000.00
21	D-705	Edge Drain Outlet Structure	EA	6	\$1,500.00	\$9,000.00
22	T-901	Seeding	AC	5	\$3,000.00	\$15,000.00
23	T-908	Mulching	AC	5	\$2,000.00	\$10,000.00
24	Olsson 101	Construction Layout and Stakes	LS	1	\$12,000.00	\$12,000.00
25	Olsson 102	Temporary Safety and Phasing Procedures	LS	1	\$15,000.00	\$15,000.00
Subtotal Paving						\$1,461,850.00

101	L-107	Segmented Circle Marker System	EA	1	\$50,000.00	\$50,000.00
102	L-107	Wind Cone Removal	EA	1	\$1,500.00	\$1,500.00
103	L-107	Segmented Circle Removal	EA	1	\$3,000.00	\$3,000.00
104	L-108	1/c #8 5kV Type C Cable	LF	5,550	\$2.50	\$13,875.00
105	L-108	2/c #6 600V Cables with #8 Ground	LF	600	\$2.50	\$1,500.00
106	L-108	#6 AWG Solid Bare Copper Counterpoise Wire In Trench, Including Connections/Terminations	LF	4,810	\$2.50	\$12,025.00
107	L-109	Vault Work	LS	1	\$5,000.00	\$5,000.00
108	L-109	10 kW 3-Step Regulator	LS	1	\$15,000.00	\$15,000.00
109	L-110	Non-Encased, 1-Way 2-Inch SCH 40 Conduit, Minimum 24" Cover	LF	4,160	\$8.00	\$33,280.00
110	L-110	Non-Encased, 1-Way 2-Inch SCH 80 Conduit, Minimum 24" Cover	LF	350	\$15.00	\$5,250.00
111	L-110	Pushed or Directional Bored Electrical Conduit, 1-Way 2-Inch SCH 80 Conduit	LF	300	\$30.00	\$9,000.00
112	L-115	Junction Can (L-867)	EA	12	\$850.00	\$10,200.00
113	L-125	Base-Mounted Light Removal	EA	40	\$150.00	\$6,000.00
114	L-125	Guidance Sign Removal	EA	1	\$250.00	\$250.00
115	L-125	L-861T(L) Base-Mounted Taxiway Light	EA	74	\$1,000.00	\$74,000.00
116	L-125	Lighted Guidance Sign	EA	2	\$5,000.00	\$10,000.00
Subtotal Lighting						\$249,880.00

Total Construction \$1,711,730.00
Engineering and Administration \$427,932.50
Total (Rounded) \$2,140,000.00

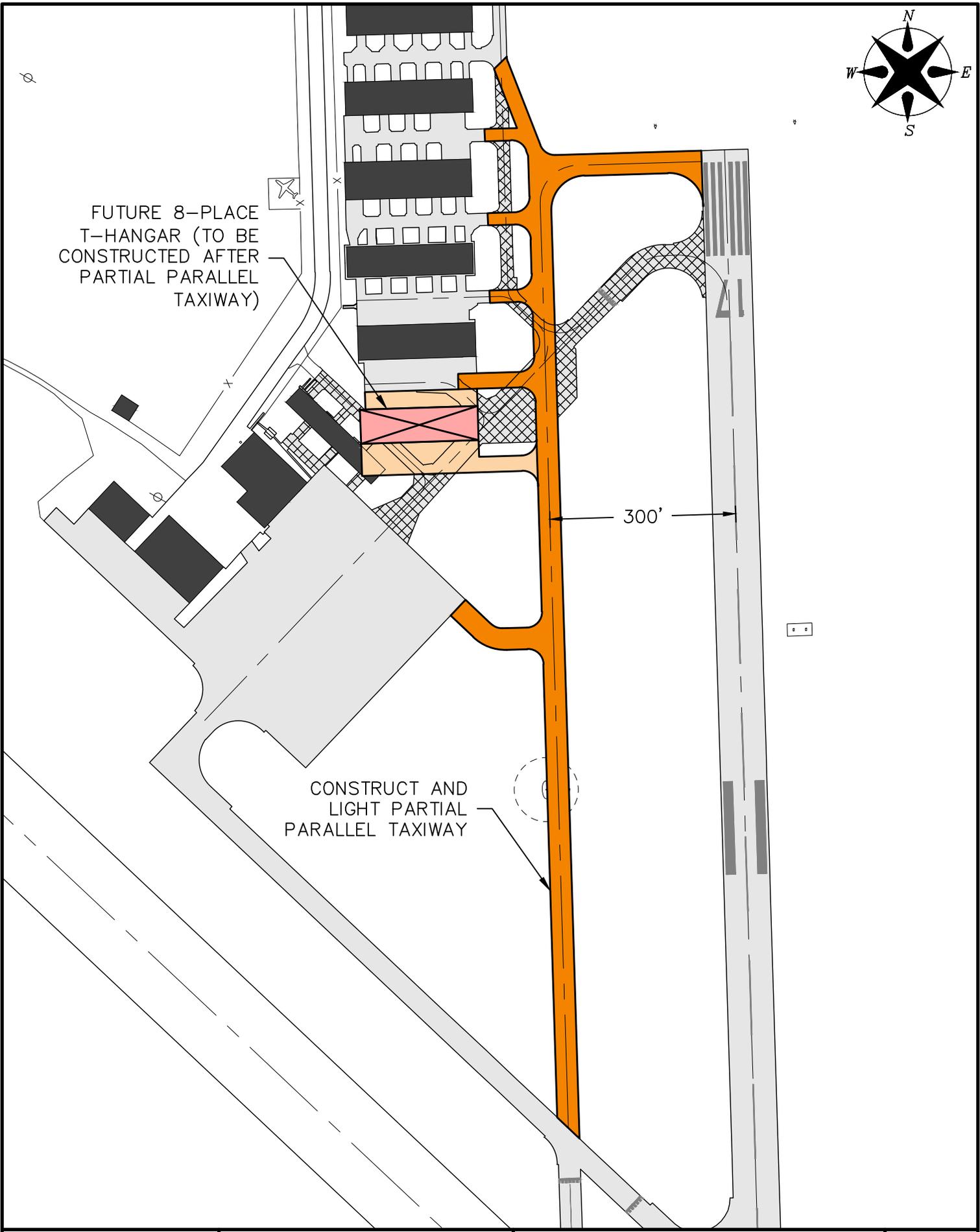
Federal (90%) \$1,926,000.00
Local (10%) \$214,000.00



FUTURE 8-PLACE
T-HANGAR (TO BE
CONSTRUCTED AFTER
PARTIAL PARALLEL
TAXIWAY)

CONSTRUCT AND
LIGHT PARTIAL
PARALLEL TAXIWAY

300'



PROJECT NO: -
DRAWN BY: JDB
DATE: 1/2022

PROPOSED PROJECT
CRETE MUNICIPAL AIRPORT



601 P Street, Suite 200
P.O. Box 84608
Lincoln, NE 68508
TEL 402.474.6311

EXHIBIT
1

FEDERAL AVIATION ADMINISTRATION

CIP DATA SHEET

CAPITAL IMPROVEMENT PROGRAM (CIP)
AIRPORTS DIVISION - CENTRAL REGION

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION

Airport Name, LOCID, City, State:	Crete Municipal Airport, CEK, Crete, Nebraska		
AIP Project Type:	Construct 80' x 80' Storage Hangar		
Local Priority:	1 - Very High	Federal Share:	\$ 1,062,000.00
FFY Requested:	2026	State Share:	\$ 0.00
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing that clearly identifies the scope of the project.		Local Share:	\$ 118,000.00
		Total Project Cost:	\$ 1,180,000.00

Project Description: Construct 80' x 80' Storage Hangar.
Justification: The Airport is currently out of hangar space and is in need of additional space to store aircraft.
Airport Layout Plan (ALP) Status: The project is shown on the approved ALP.
Environmental (NEPA) Determination: Categorically excluded per Section 5-6.4f FAA Order 1050.1F.
Pavement Project PCI Score: PCI score is not applicable for new pavement.
Pavement Project Dimensions: Hangar approach shall be 80' wide, taxilane will be 35' wide.
Pavement Project Apron Calculations: Not Applicable.
Clear Approach and Departure Surfaces: To the best of our knowledge all surfaces in AC 150/5300-13 and FAA Order 8260.3 are clear.
FAA-Owned Facility Impact: There are no FAA-owned facilities on the airport.
Snow Removal Equipment (SRE) Inventory and Sizing Calculations: Not Applicable.
Useful Life: Not applicable because no rehabilitation, reconstruction or replacement is proposed.
AIP Funded Equipment Disposal: None.
Revenue Producing Project: All airside needs have been met. The runway approach and departure surfaces are clear of obstructions. Any airside needs within the next three years will be accommodated through local or nonprimary entitlement funds.
Land Ownership: The Airport Authority has the use and occupancy of all land upon which AIP funds will be expended for development. In accordance with Nebraska Statute 3-503, the title of real property remains with the city of Crete.

SPONSOR SIGNATURE BLOCK

Signature:		Date:	
Printed Name:		Title:	
Phone Number:		Email:	

ACIP Data Sheet Cost Estimate
Construct 80' X 80' Storage Hangar with Approach

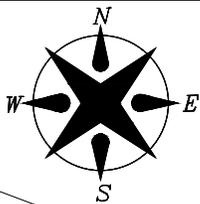
Crete Municipal Airport
 Crete, Nebraska

January 2022

Item No.	Spec	Description	Unit	Quantity	Unit Price	Total Amount
1	C-100	Contractor Quality Control Program (CQCP)	LS	1	\$8,000.00	\$8,000.00
2	C-102	Temporary seeding	AC	1	\$3,000.00	\$3,000.00
3	C-102	Erosion Control Blanket	SY	700	\$5.00	\$3,500.00
4	C-102	Installation and removal of silt fence	LF	100	\$5.00	\$500.00
5	C-105	Mobilization	LS	1	\$86,000.00	\$86,000.00
6	P-101	Concrete Pavement Removal	SY	135	\$15.00	\$2,025.00
7	P-152	Unclassified Excavation	CY	1,200	\$20.00	\$24,000.00
8	P-152	Muck Excavation	CY	120	\$30.00	\$3,600.00
9	P-208	(6") Aggregate Base Course	SY	1,085	\$15.00	\$16,275.00
10	P-501	Concrete Mix Design	LS	1	\$15,000.00	\$15,000.00
11	P-501	(6") Concrete Pavement	SY	1,035	\$75.00	\$77,625.00
12	L-125	Taxiway Lighting Adjustments	LS	1	\$8,000.00	\$8,000.00
13	T-901	Seeding	AC	1	\$3,000.00	\$3,000.00
14	T-908	Mulching	AC	1	\$2,000.00	\$2,000.00
15	-	80' x 80' Storage Hangar Electrical System including but not limited to Electrical Service and Meter to building, Electric Distribution Panel, Lighting, Hangar door connections, Floor Ground Rods, Power Outlets, and miscellaneous appurtenances per plans and specifications	LS	1	\$85,000.00	\$85,000.00
16	-	80' x 80' Storage Hangar Heating System	LS	1	\$40,000.00	\$40,000.00
17	-	80' x 80' Storage Hangar Building Concrete Footings and 6" Floor Slab, Exterior Structural Stoop for Walk Doors	LS	1	\$210,000.00	\$210,000.00
18	-	80' x 80' Storage Hangar Pre-Engineered Metal Building, including installation of Hangar Doors, Exterior Walk Doors, and miscellaneous appurtenances per plans and specifications	LS	1	\$350,000.00	\$350,000.00
19	Olsson 101	Construction Layout and Stakes	LS	1	\$5,000.00	\$5,000.00
20	Olsson 102	Temporary Safety and Phasing Procedures	LS	1	\$5,000.00	\$5,000.00

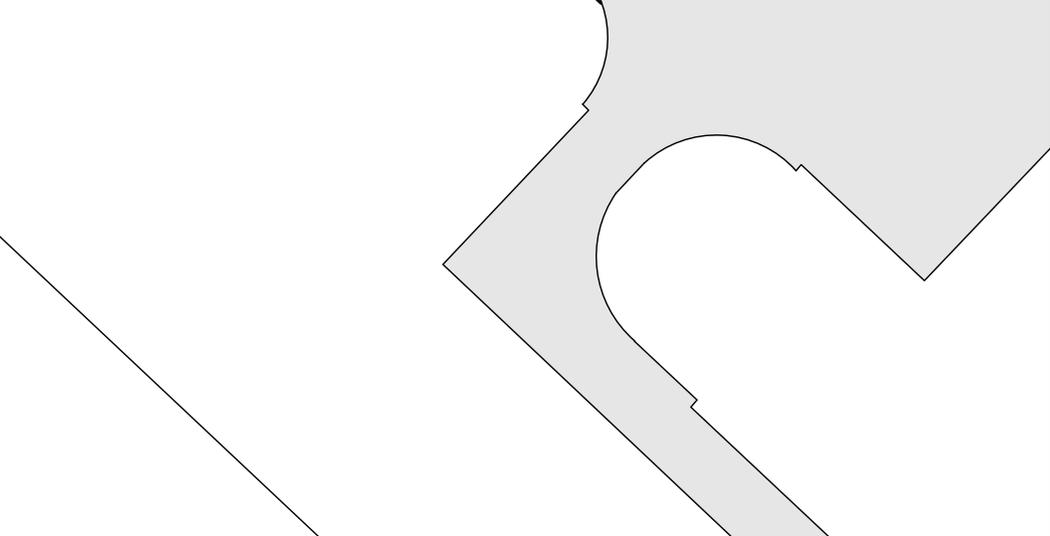
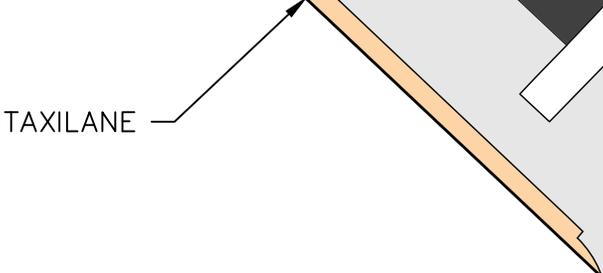
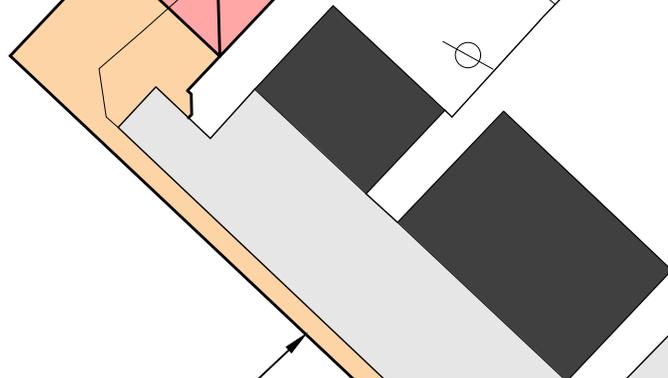
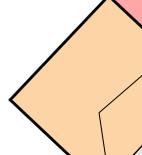
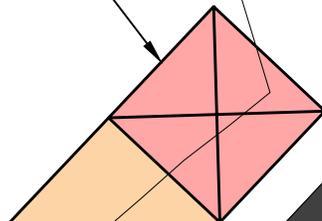
Total Construction **\$947,525.00**
Engineering and Administration **\$236,881.25**
Total (Rounded) **\$1,180,000.00**

Federal (90%) **\$1,062,000.00**
Local (10%) **\$118,000.00**



CONSTRUCT 80' X 80'
STORAGE HANGAR
WITH APPROACH

WIDEN TAXILANE



PROJECT NO: -
DRAWN BY: JDB
DATE: 1/2022

PROPOSED PROJECT
CRETE MUNICIPAL AIRPORT



601 P Street, Suite 200
P.O. Box 84608
Lincoln, NE 68508
TEL 402.474.6311

EXHIBIT

1



U.S. Department
of Transportation

**Federal Aviation
Administration**

Central Region
Iowa, Kansas
Missouri, Nebraska

901 Locust
Kansas City, Missouri 64106
(816) 329-2600

March 30, 2022

Ms. Anna Lannin, P.E.
Planning and Programming
Nebraska Department of Transportation Division of Aeronautics
3431 Aviation Rd, Suite 150
Lincoln, NE 68501

Dear Ms. Lannin:

ALP As-Built Conditional Approval
Crete Municipal (CEK), Lincoln, NE
AIP No. 3-31-0022-014-2021

The As-Built Airport Layout Plan (ALP) for the airport is acceptable from the standpoint that it has incorporated the new fuel facility.

The ALP was originally approved on May 23rd, 2006, and the conditions stated in the attached approval letter remain in effect.

The ALP submitted with your approved date of March 22, 2022, is acceptable from the standpoint of safety, efficiency, and utility with the exception of the above conditions. Therefore, my approval of the ALP is given subject to the above conditions.

Although future structures on or near the airport may be in conformance with the ALP, all future alterations or new structures will be subject to the notice provisions of Federal Aviation Regulations (FAR) Part 77.

This approval does not cancel notice and review requirements that 14 CFR Parts 77 and 157 impose because they address all proposed structures shown on the ALP. Our review and approval should not be construed as relieving the sponsor or the engineer of the responsibility for the accuracy, completeness, and technical content of the ALP drawings. The ALP is a graphic depiction of the existing and future airport facilities showing the clearance and dimensional requirements to meet applicable standards. The ALP serves as a record of aeronautical requirements and is used by the FAA in its review of proposals that may affect the navigable airspace or other missions of the FAA. The ALP is an important document and should be kept up-to-date at all times with respect to future planned development and existing features.

Our review and approval should not be construed as relieving the sponsor or the engineer of the responsibility for the accuracy, completeness, and technical content of the Airport Layout Plan

drawings. The ALP is an important document and should be kept up-to-date at all times with respect to future planned development and existing features.

One set of the of conditionally approved ALP drawings is enclosed. Please route paper copies to my office, the sponsor and the Nebraska DOT.

If you have any questions, you may contact me by telephone at (816) 329-2629 or via email at justin.collier@faa.gov.

Sincerely,

Justin Collier, P.E.
State Airport Planner - Nebraska

Enclosure: ALP Drawing Set

CC: Chris Corr, P.E., Olsson



U.S. Department
Of Transportation

**Federal Aviation
Administration**

Central Region
Iowa, Kansas
Missouri, Nebraska

901 Locust
Kansas City, Missouri 64106-2325

November 20, 2006

Mr. Robert Quick, Chairman
Crete Airport Authority
P.O. Box 86
Crete, Nebraska 68333

Dear Mr.Quick:

Crete Municipal Airport
Crete, Nebraska
AIP Project No. 3-31-0022-04
Conditional ALP Approval

We have completed our review of the update to the Airport Layout Plan (ALP) for Crete Municipal Airport at Crete, Nebraska. The ALP narrative report and drawings set is acceptable for planning purposes, and in general we concur with the conclusions and recommendations. This does not necessarily mean that we agree with all development as shown on the ALP, and or does it imply a commitment of Federal funds to participate in any of the development depicted on the ALP.

The ALP proposed development received a favorable airspace determination under Airspace Study Case No. 2006-ACE-332-NRA. Although future structures on or near the airport may be in conformance with the ALP, this determination does not extend to them. Therefore, all future structures will be subject to the notice provisions of Federal Aviation Regulations (FAR) Part 77.

The ALP as approved by the Chairman of Crete Airport Authority on May 23, 2006, is acceptable from the standpoint of efficiency, utility, and safety.

The approval of the ALP does not commit the sponsor to implement the plan, nor does it represent a commitment of federal funds for any of the development or land acquisition shown on the plan. Determinations in this regard are made only after a specific request for federal funds is submitted.

My signature on the enclosed ALP does not necessarily reflect FAA's official views or policy, authorize construction of the development, nor constitute FAA's commitment to take part in the recommended development. The actions listed below are subject to Federal environmental finding on these actions before the airport sponsor may begin them. To satisfy these responsibilities, FAA must complete the environmental process described in the most current version of FAA Order 5050.4.

- Construction of the crosswind Runway 13/31
- Construction of partial parallel Taxiway to Runway 35 end
- Any land acquisition
- Terminal area development (buildings, parking lot and access road)

This approval does not cancel notice and review requirements that 14 CFR Parts 77 and 157 imposes because they address all proposed structures shown on the ALP. Our review and approval should not be construed as relieving the sponsor or the engineer of the responsibility for the accuracy, completeness, and technical content of the ALP drawings. The ALP is a graphic depiction of the existing and future airport facilities showing the clearance and dimensional requirements to meet applicable standards. The ALP serves as a record of aeronautical requirements and is used by the FAA in its review of proposals that may affect the navigable airspace or other missions of the FAA. The ALP is an important document and should be kept up-to-date at all times with respect to future planned development and existing features.

We have retained one set of the approved ALP drawings for the official FAA file in our office. One set of the approved ALP drawings is enclosed for your use. By copy of this letter, approved copies of the ALP drawing set are being furnished to your consultant, Kirkham Michael Consulting Engineers, and your agent Nebraska Department of Aeronautics.

If you have any questions, please contact me at (816) 329-2636 or send me an e-mail message at nardos.wills@faa.gov.

Sincerely,

Nardos Wills
Airport Planning Engineer – Nebraska

Encl.: Airspace Determination Letter
Airport Layout Plan Drawings Set

cc: Mr. Eric Johnson, Kirkham Michael (with ALP drawings)
Ms. Anna Lannin, Nebraska Department of Aeronautics (with ALP drawings)
Mr. Steve Whitton, (w/o ALP drawings)

AIRPORT LAYOUT PLAN

CRETE MUNICIPAL AIRPORT

CRETE, NEBRASKA

AIP PROJECT NO. 3-31-0022-04 (3-31-0022-014 AS-BUILT 1/2022)

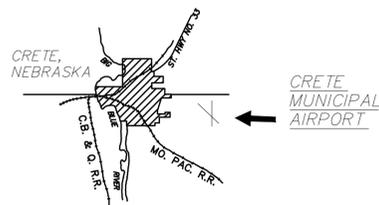


CRETE, NE
PROJECT LOCATION



LOCATION MAP

NO SCALE



VICINITY MAP

No Scale



INDEX OF SHEETS

1. AIRPORT LAYOUT DRAWING
2. AIRPORT AIRSPACE DRAWING
3. INNER PORTION OF THE APPROACH SURFACE DRAWING: RUNWAY 17 APPROACH
4. INNER PORTION OF THE APPROACH SURFACE DRAWING: RUNWAY 35 APPROACH
5. INNER PORTION OF THE APPROACH SURFACE DRAWING: RUNWAY 13/31 APPROACH
6. INNER PORTION OF THE APPROACH SURFACE DRAWING: RUNWAY CENTERLINE PROFILES
7. TERMINAL AREA DRAWING
8. LAND USE DRAWING
9. AIRPORT PROPERTY MAP

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated 3/30/22 may not be undertaken without prior written environmental approval by the Federal Aviation Administration. This approval action does not imply any commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77.

JUSTIN K COLLIER
Digitally signed by JUSTIN K COLLIER
Date: 2022.03.30 12:28:14 -05'00'

APPROVAL - CRETE AIRPORT AUTHORITY

APPROVED BY: *[Signature]* DATE: 3-22-22

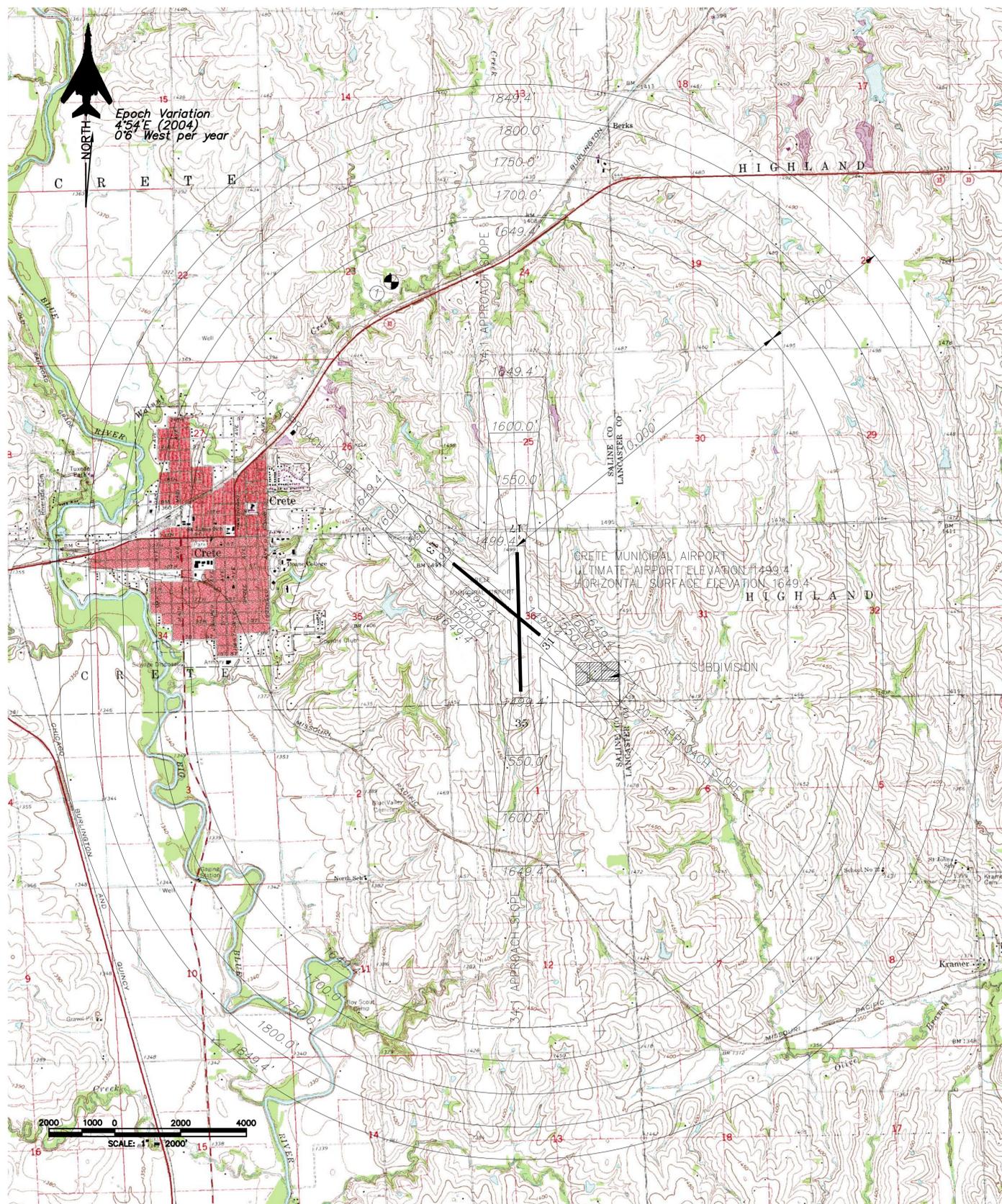
BOARD CHAIRMAN

SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG
LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB
PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB
ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB
8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB
FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB

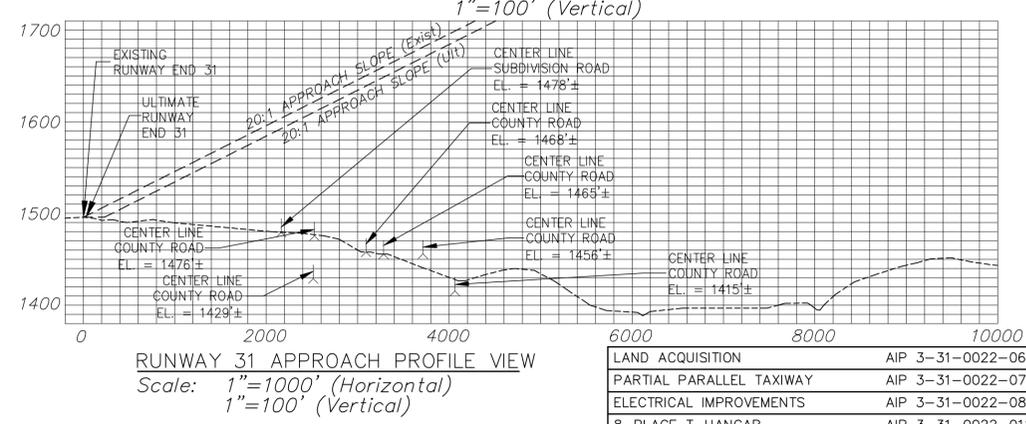
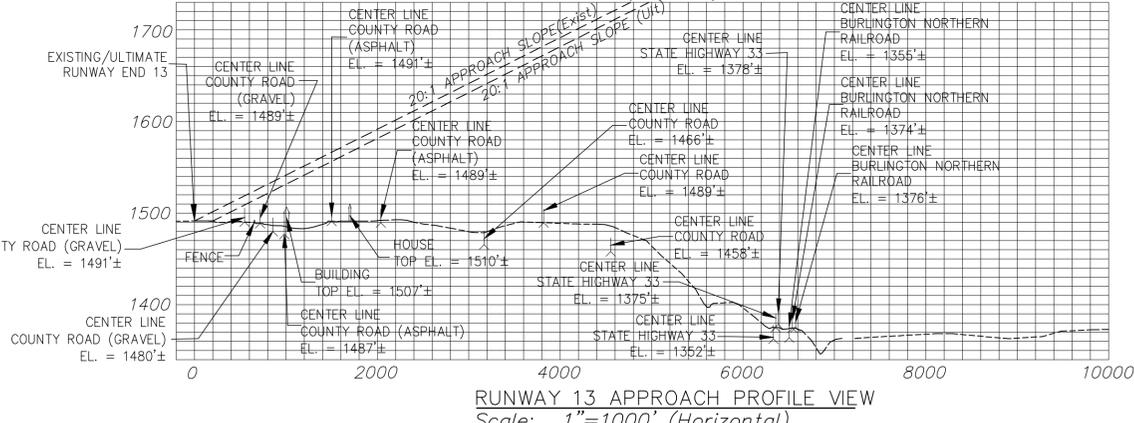
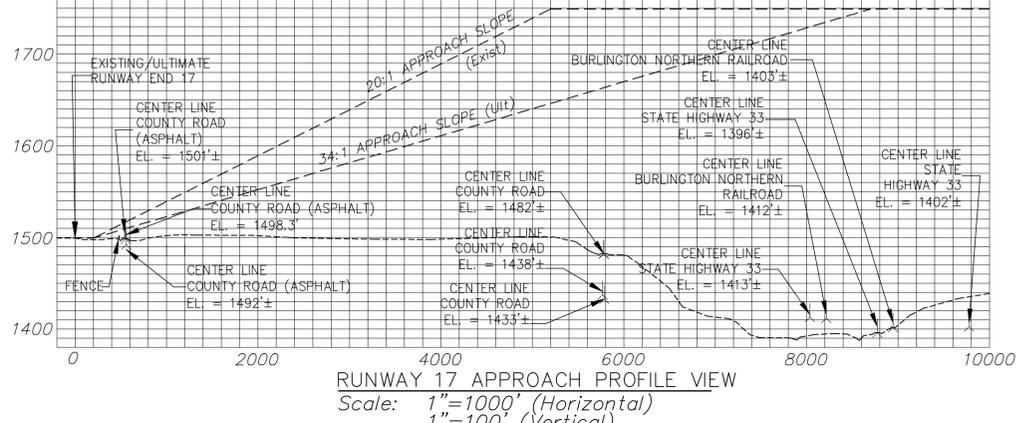
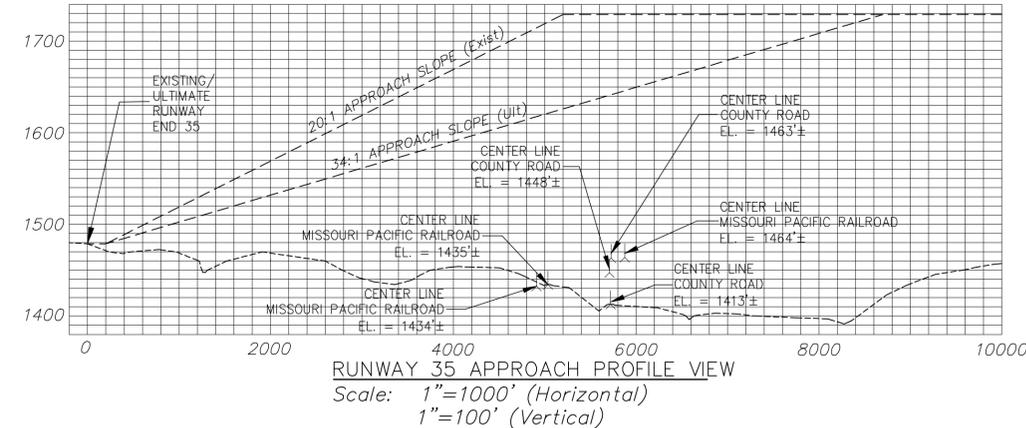
No.	REVISIONS	DATE	BY	APP'D.

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.





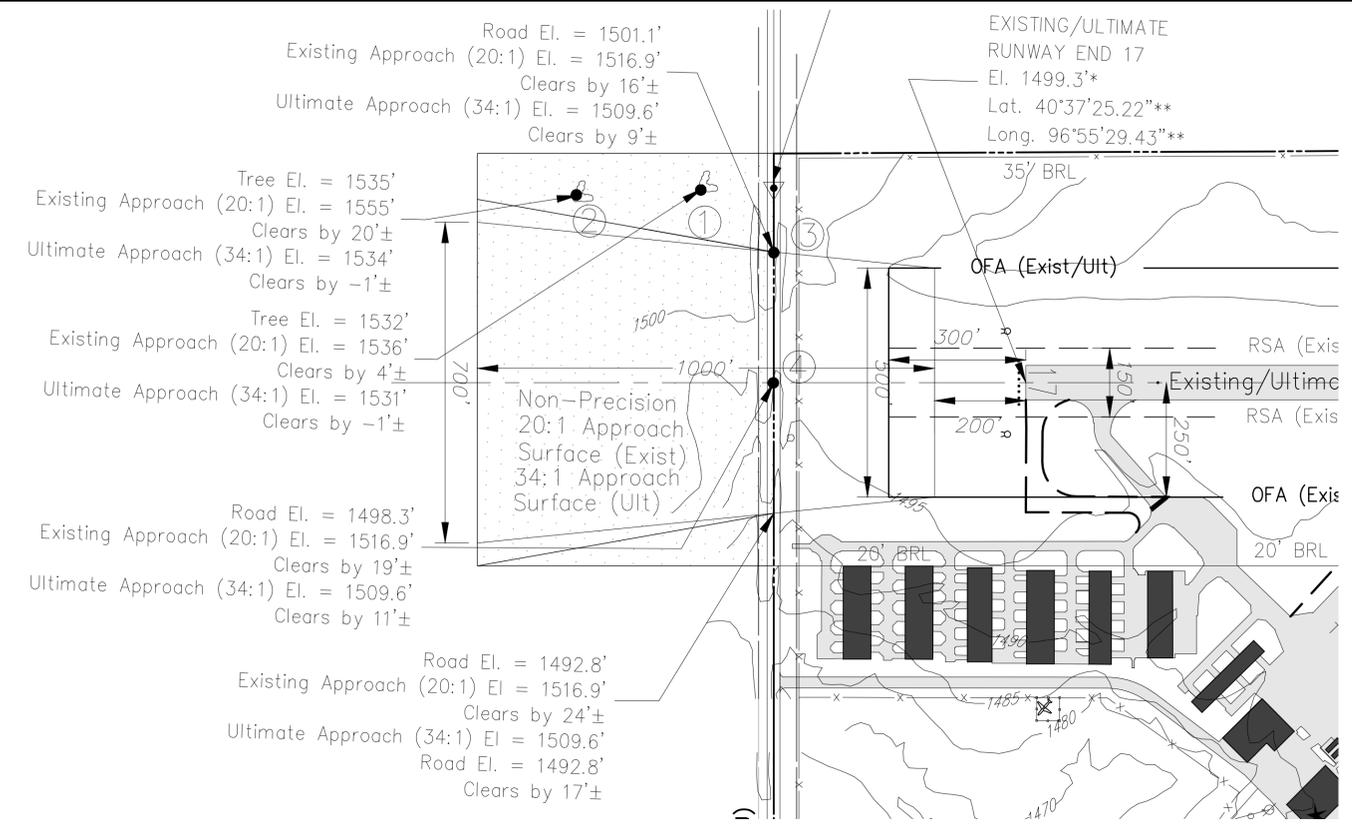
OBSTRUCTION TABLE (BEYOND INNER APPROACH SURFACE)				
No.	ELEVATION	DESCRIPTION	PENETRATION	DISPOSITION
1	1700.0'	TOWER	50.6'	LIGHT TOWER



No.	REVISIONS	DATE	BY	APP'D.
	LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB
	PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB
	ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB
	8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB
	FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB

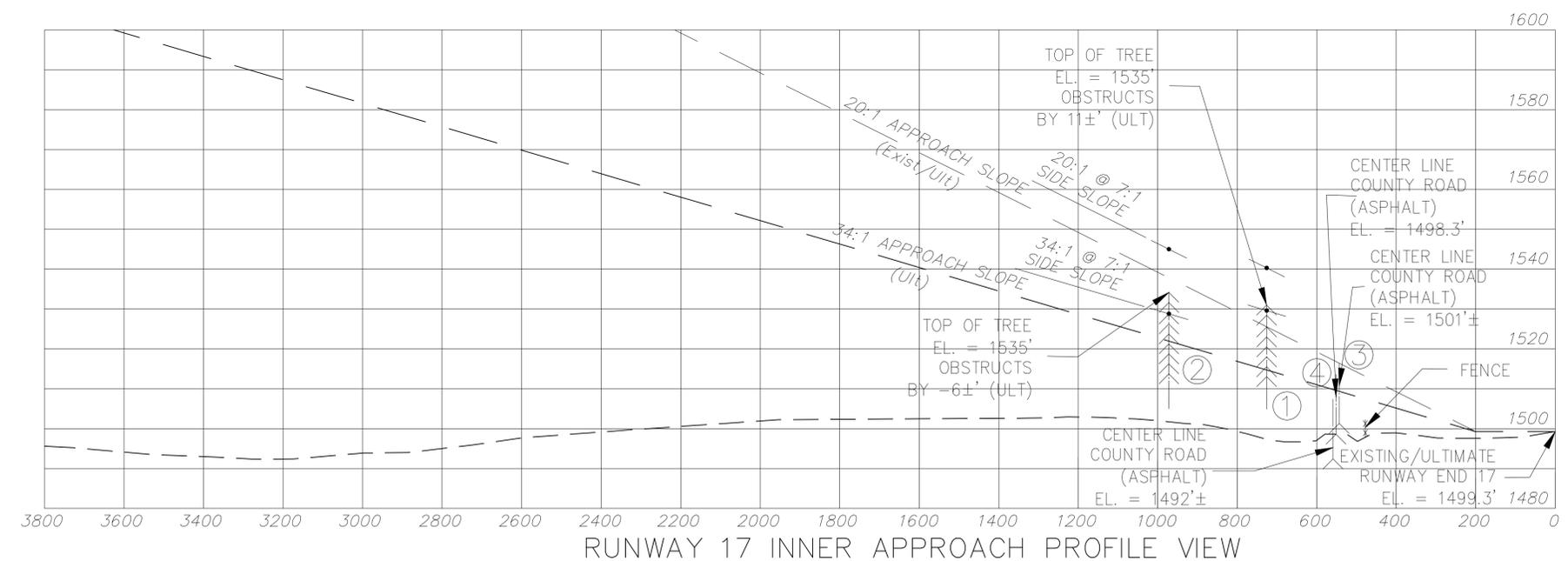
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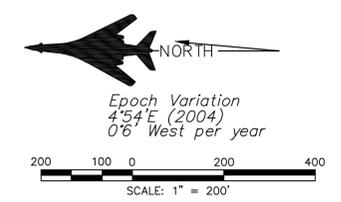


RUNWAY 17 APPROACH PLAN VIEW
Scale: 1"=200'

NOTE: CLEARANCES IN PLAN VIEW FOR ROADWAY CENTERLINES DO NOT INCLUDE 15' ROADWAY CLEARANCE



RUNWAY 17 INNER APPROACH PROFILE VIEW
Scale: 1"=200' (Horizontal)
1"=20' (Vertical)

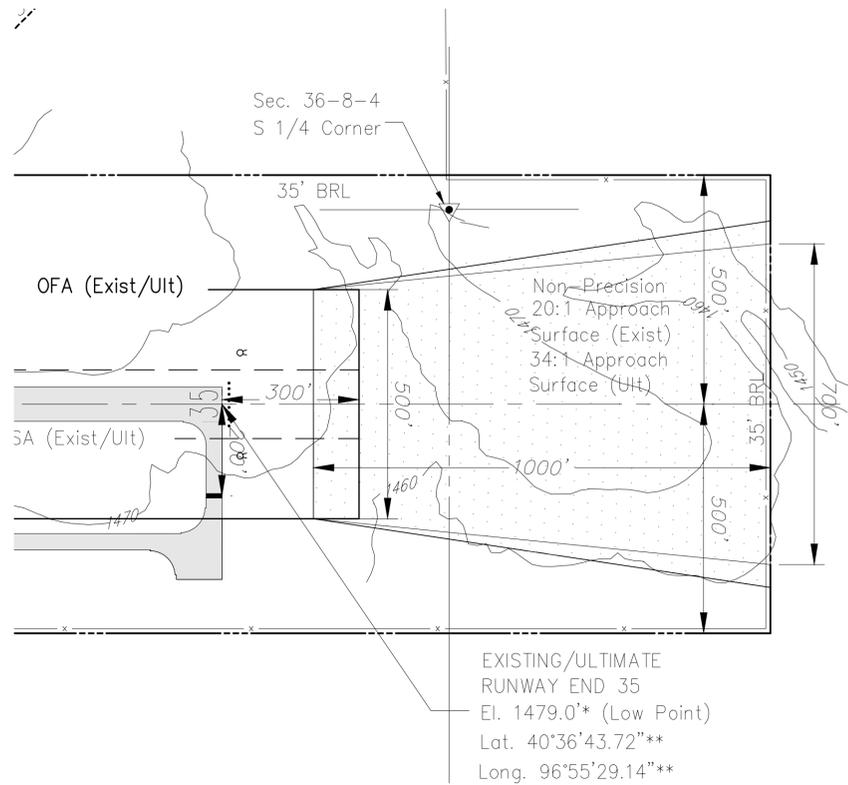


OBSTRUCTION TABLE RUNWAY END 17 APPROACH					
No.	ELEVATION	DESCRIPTION	PENETRATION	DISPOSITION	SURFACE
1	1535'±	TREES	5'±	REMOVE	34:1 APPROACH SLOPE @ 7:1 SIDE SLOPE
2	1535'±	TREES	6'±	REMOVE	34:1 APPROACH SLOPE @ 7:1 SIDE SLOPE
3	1501'±	COUNTY ROAD (ASPHALT)	6'± (ULT)	SEE AC 150/5300-13 APPENDIX 2	34:1 APPROACH
4	1510'±	COUNTY ROAD (ASPHALT)	4'± (ULT)	SEE AC 150/5300-13 APPENDIX 2	34:1 APPROACH

SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG	
LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB	
PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB	
ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB	
8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB	
FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB	

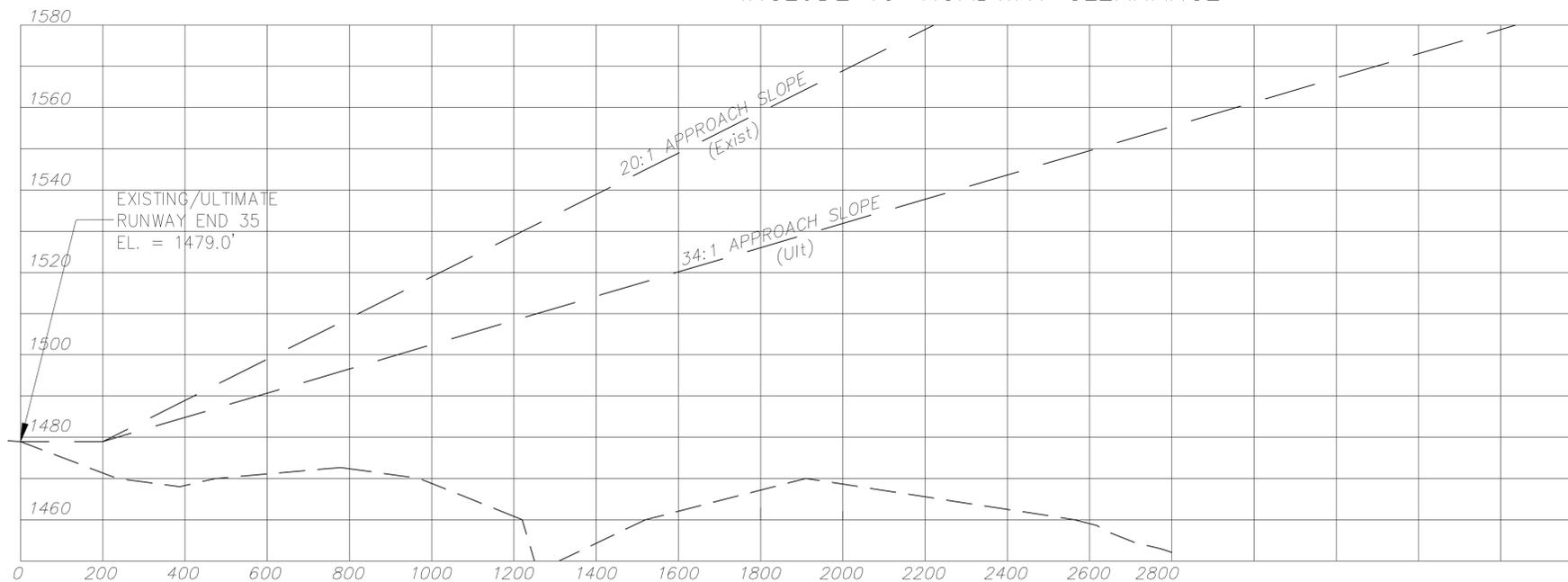
No.	REVISIONS	DATE	BY	APP'D.

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RUNWAY 35 APPROACH PLAN VIEW
Scale: 1"=200'

NOTE: CLEARANCES IN PLAN VIEW FOR ROADWAY CENTERLINES DO NOT INCLUDE 15' ROADWAY CLEARANCE



RUNWAY 35 INNER APPROACH PROFILE VIEW
Scale: 1"=200' (Horizontal)
1"=20' (Vertical)



Epoch Variation
4'54" E (2004)
0'6" West per year

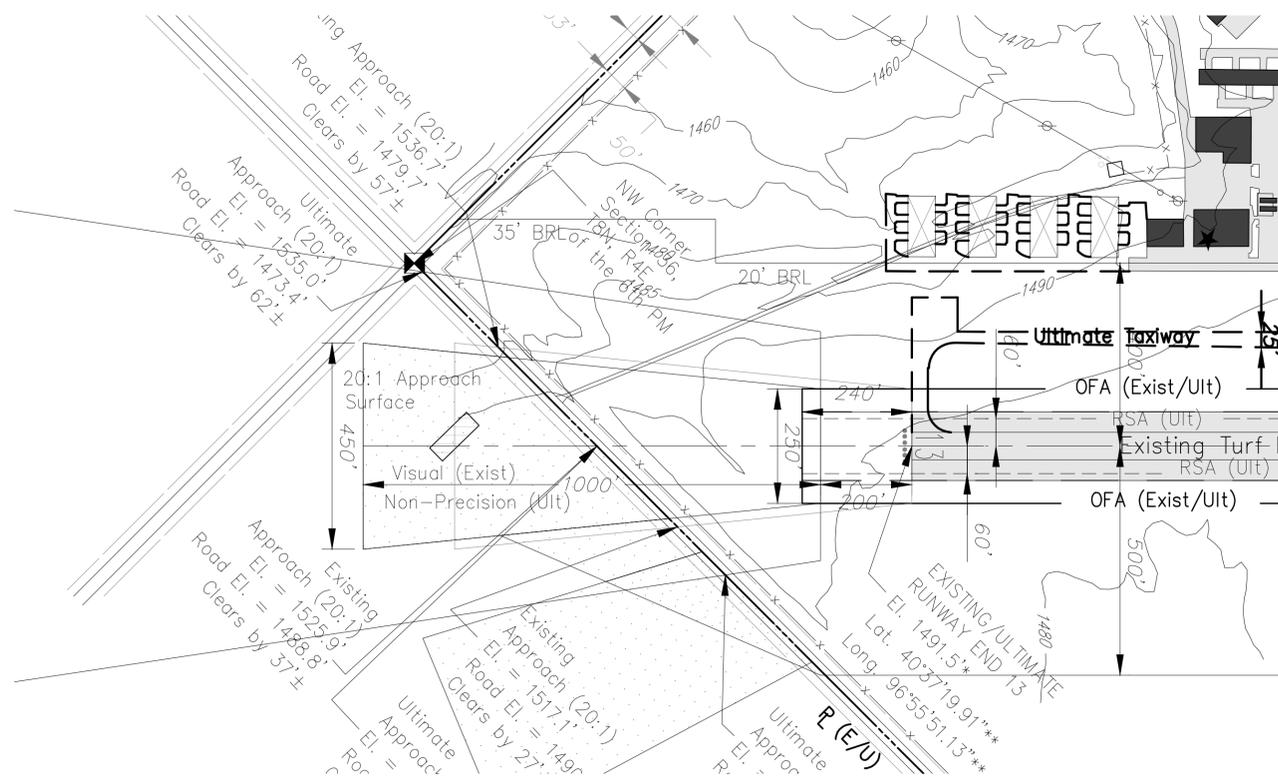


OBSTRUCTION TABLE RUNWAY END 35 APPROACH				
No.	ELEVATION	DESCRIPTION	PENETRATION	DISPOSITION
		-NONE-		

SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG	
LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB	
PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB	
ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB	
8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB	
FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB	

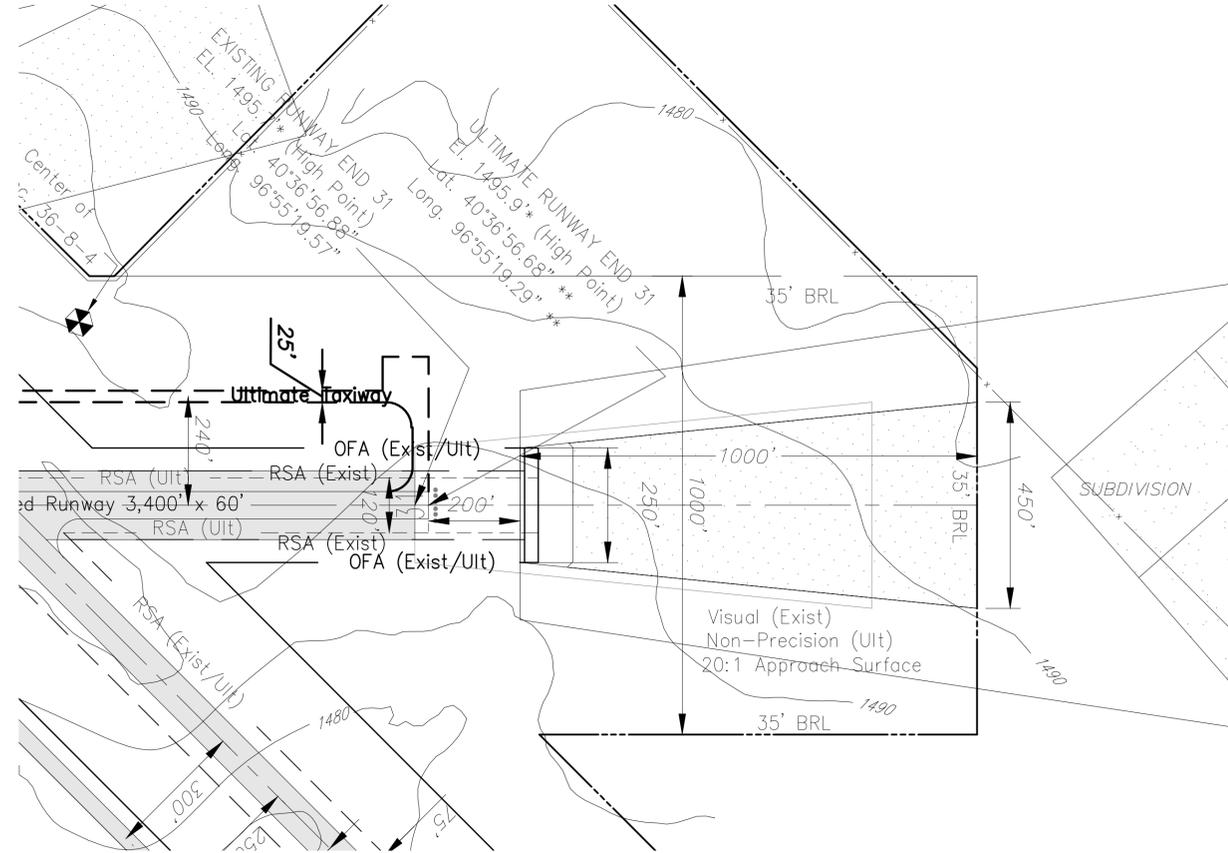
No.	REVISIONS	DATE	BY	APP'D.

"THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."



RUNWAY 13 APPROACH PLAN VIEW

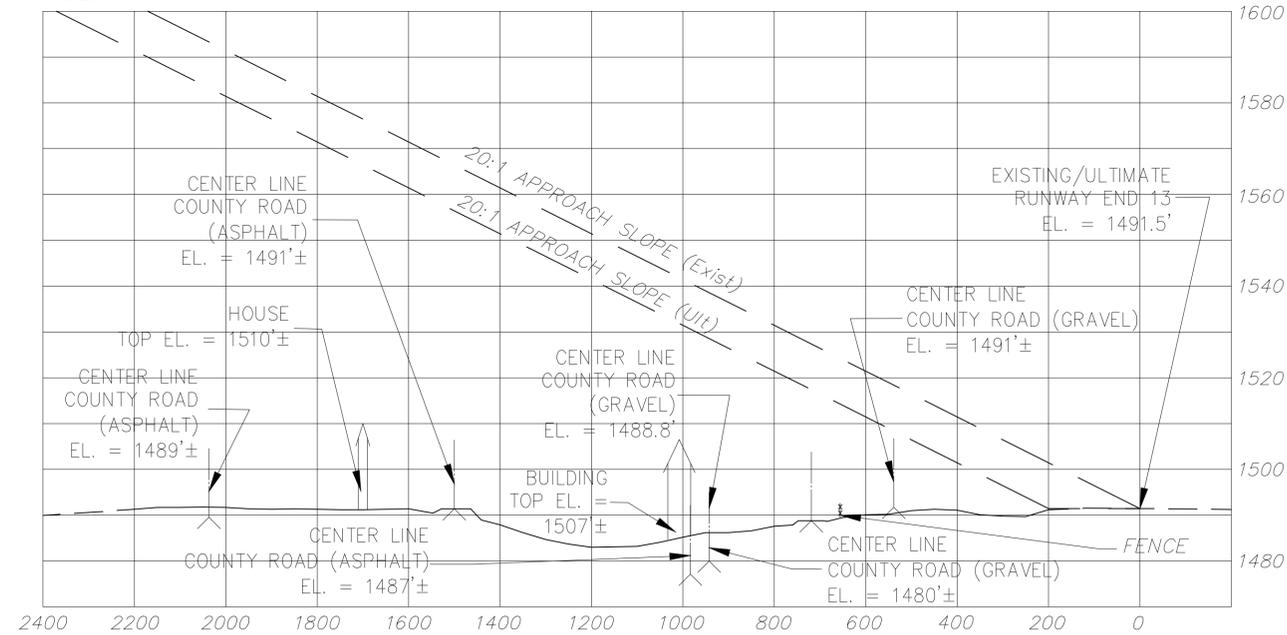
Scale: 1"=200'



RUNWAY 31 APPROACH PLAN VIEW

Scale: 1"=200'

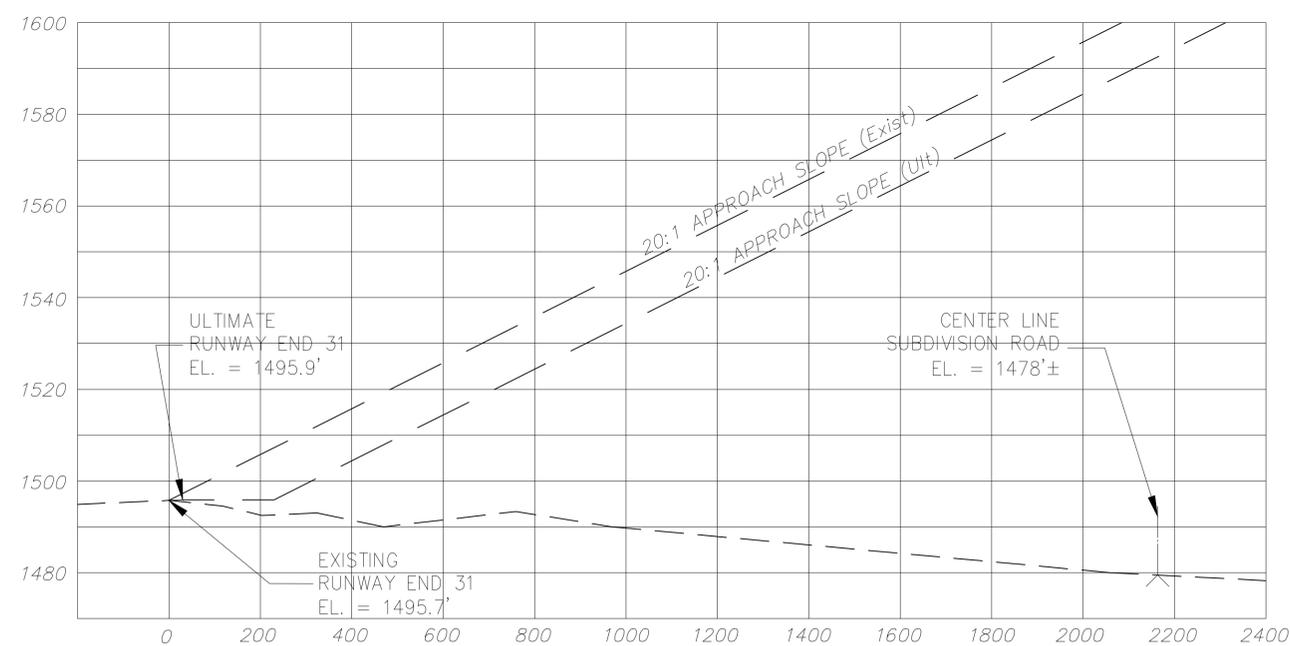
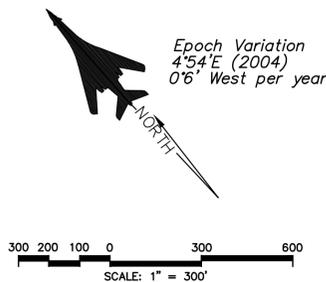
NOTE: CLEARANCES IN PLAN VIEW FOR ROADWAY CENTERLINES DO NOT INCLUDE 15' ROADWAY CLEARANCE



RUNWAY 13 INNER APPROACH PROFILE VIEW

Scale: 1"=200' (Horizontal)
1"=20' (Vertical)

OBSTRUCTION TABLE RUNWAY END 13 APPROACH				
No.	ELEVATION	DESCRIPTION	PENETRATION	DISPOSITION
		-NONE-		



RUNWAY 31 INNER APPROACH PROFILE VIEW

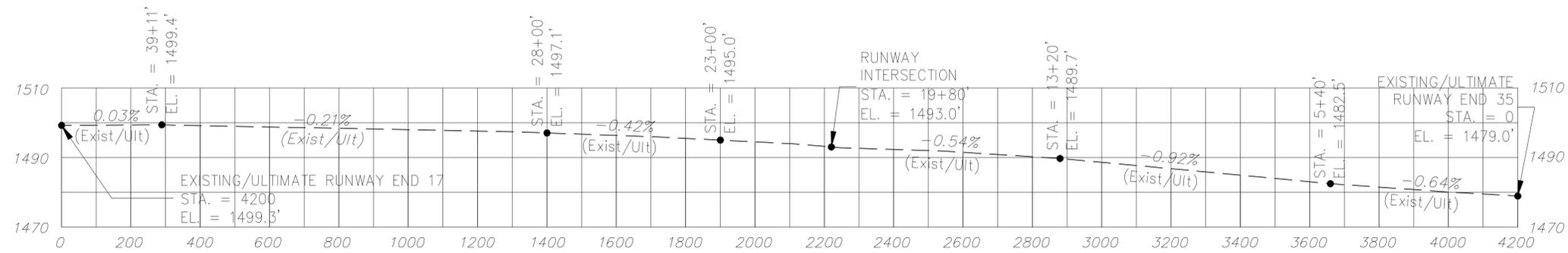
Scale: 1"=200' (Horizontal)
1"=20' (Vertical)

OBSTRUCTION TABLE RUNWAY END 31 APPROACH				
No.	ELEVATION	DESCRIPTION	PENETRATION	DISPOSITION
		-NONE-		

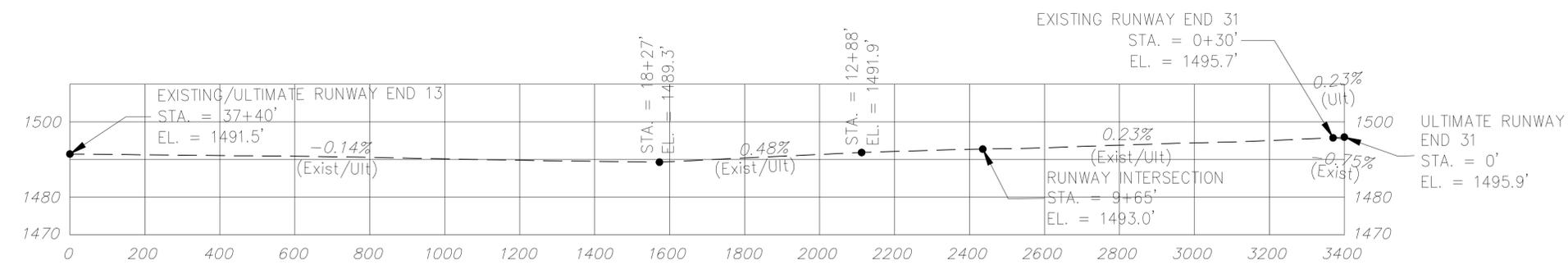
No.	REVISIONS	DATE	BY	APP'D.
	SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG
	LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB
	PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB
	ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB
	8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB
	FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB

No.	REVISIONS	DATE	BY	APP'D.

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RUNWAY 17/35 PROFILE (Exist/Uit)
 Scale: 1"=200' (Horizontal)
 1"=20' (Vertical)

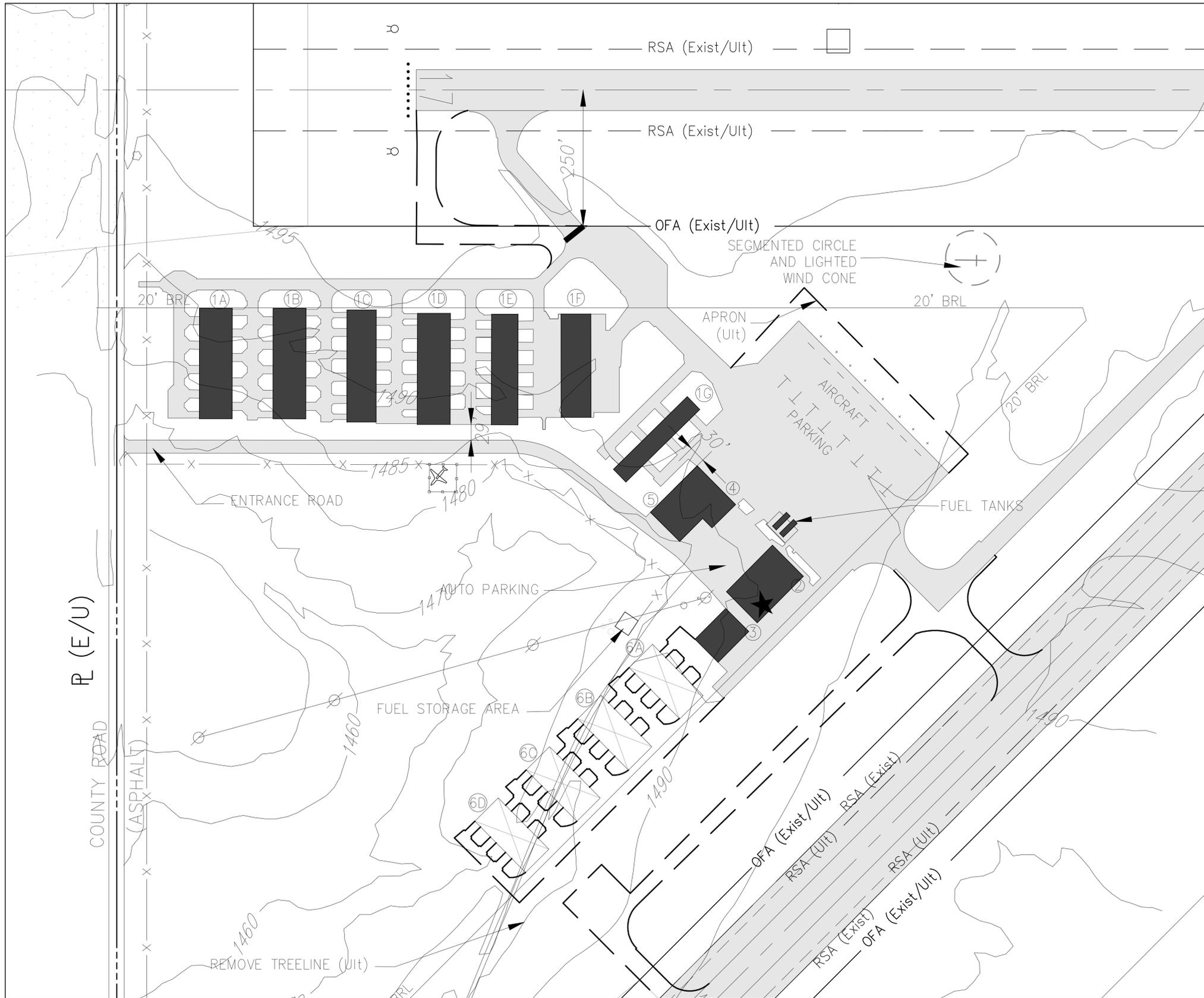


RUNWAY 13/31 PROFILE (Exist/Uit)
 Scale: 1"=200' (Horizontal)
 1"=20' (Vertical)

SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG	
LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB	
PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB	
ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB	
8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB	
FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB	

No.	REVISIONS	DATE	BY	APP'D.

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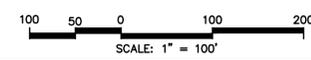


LEGEND		
	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	R (E)	R (U)
FENCE	---	---
THRESHOLD LIGHTS	•••••	•••••
WIND INDICATOR (WIND TEE)	+	+
BUILDINGS	█	█
AIRPORT BEACON	★	★
SEGMENTED CIRCLE	○	○
DRAINAGE STRUCTURE	▬	▬
TREES	⊙	⊙
UTILITY POLES & POWER LINES	⊕	⊕
AIRFIELD PAVEMENT	▬	▬
BUILDING RESTRICTION LINE	---	35' BRL
CULVERTS	▬	▬
GROUND CONTOUR	---	1480
VASI	▲	▲
EASEMENT	▨	▨
PROPERTY TO PURCHASE	▨	▨
PAPI	▬	▬
TURF RUNWAY	▬	▬
HOLDLINE	---	---

BUILDING TABLE		
STRUCTURE		ELEVATION
(1A)	T-HANGAR	1509'±
(1B)	T-HANGAR	1512'±
(1C)	T-HANGAR	1511'±
(1D)	T-HANGAR	1511'±
(1E)	T-HANGAR	1511'±
(1F)	T-HANGAR	1510'±
(1G)	T-HANGAR	1511'±
(4)	ADMINISTRATION	1512'±
(2)	SHOP HANGAR	1511'±
(3)	CLEAR SPAN HANGAR	1511'±
(5)	SNOW REMOVAL EQUIPMENT	1513'±
(6A)	T-HANGAR (Ult)	
(6B)	T-HANGAR (Ult)	
(6C)	T-HANGAR (Ult)	
(6D)	T-HANGAR (Ult)	



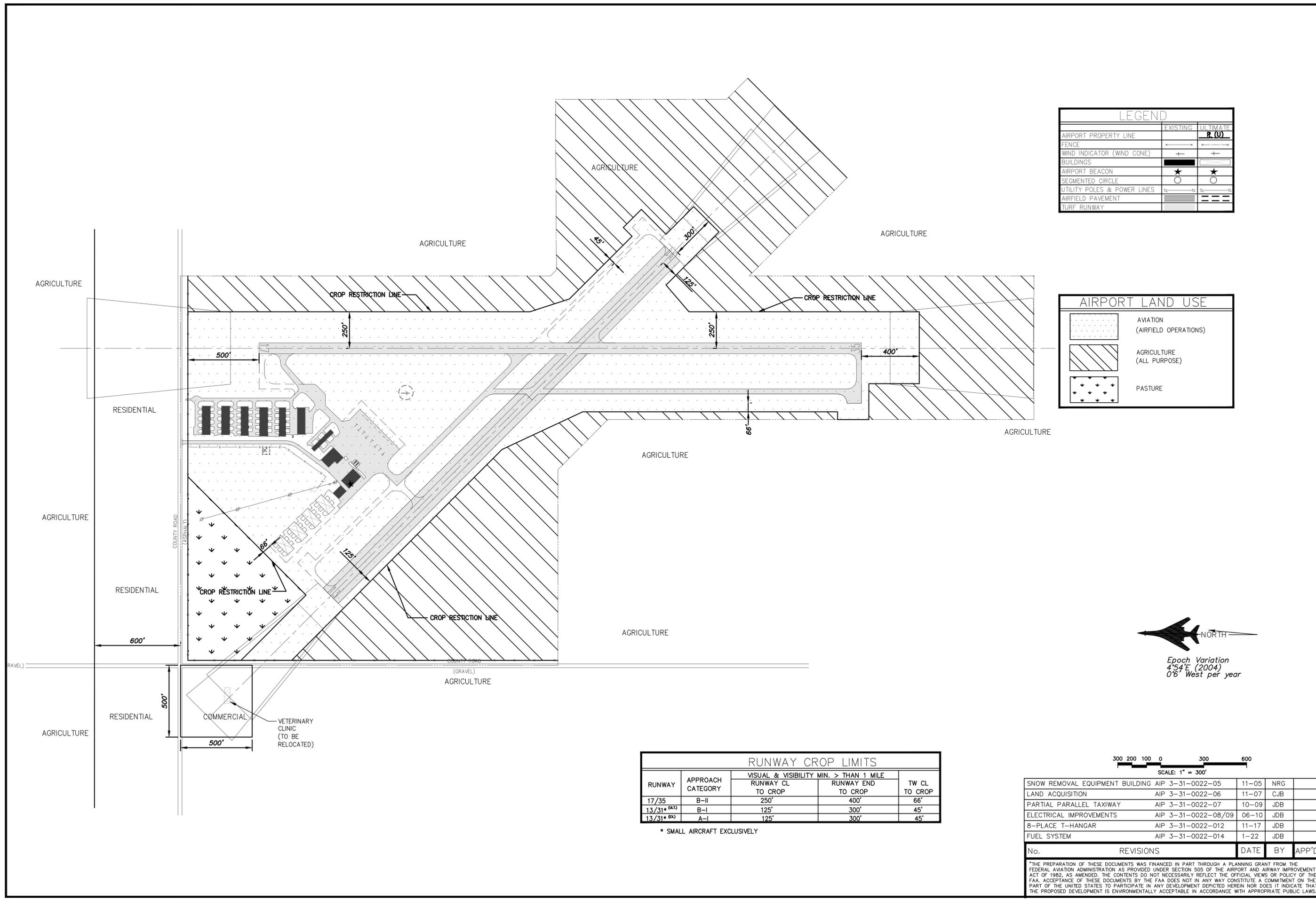
Epoch Variation
4'54"E (2004)
0'6" West per year



SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG
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8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB
FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB

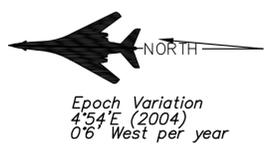
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LEGEND		
	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	—	— (U)
FENCE	—	—
WIND INDICATOR (WIND CONE)	+	+
BUILDINGS	■	■
AIRPORT BEACON	★	★
SEGMENTED CIRCLE	○	○
UTILITY POLES & POWER LINES	—	—
AIRFIELD PAVEMENT	—	—
TURF RUNWAY	—	—

AIRPORT LAND USE	
	AVIATION (AIRFIELD OPERATIONS)
	AGRICULTURE (ALL PURPOSE)
	PASTURE



RUNWAY CROP LIMITS				
RUNWAY	APPROACH CATEGORY	VISUAL & VISIBILITY MIN. > THAN 1 MILE		TW CL TO CROP
		RUNWAY CL TO CROP	RUNWAY END TO CROP	
17/35	B-II	250'	400'	66'
13/31* (A1)	B-I	125'	300'	45'
13/31* (A2)	A-I	125'	300'	45'

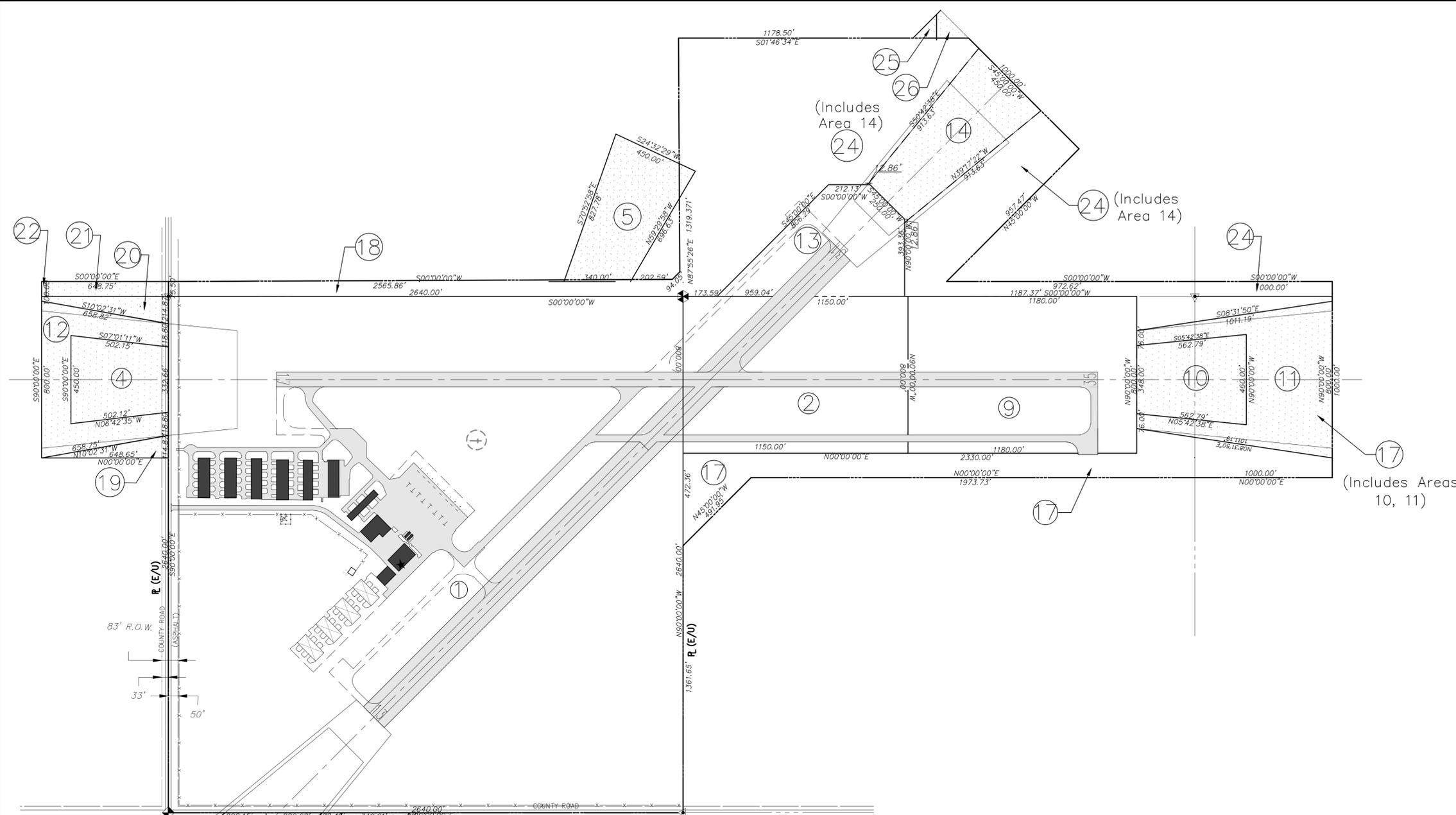
* SMALL AIRCRAFT EXCLUSIVELY



No.	REVISIONS	DATE	BY	APP'D.
1	SNOW REMOVAL EQUIPMENT BUILDING	AIP 3-31-0022-05	11-05	NRG
2	LAND ACQUISITION	AIP 3-31-0022-06	11-07	CJB
3	PARTIAL PARALLEL TAXIWAY	AIP 3-31-0022-07	10-09	JDB
4	ELECTRICAL IMPROVEMENTS	AIP 3-31-0022-08/09	06-10	JDB
5	8-PLACE T-HANGAR	AIP 3-31-0022-012	11-17	JDB
6	FUEL SYSTEM	AIP 3-31-0022-014	1-22	JDB

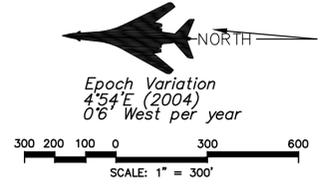
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designed
checked
km no. 0307226



LEGEND		
	EXISTING P (E)	ULTIMATE P (U)
AIRPORT PROPERTY LINE	— P (E) —	— P (U) —
FENCE	—+—	—+—
WIND INDICATOR (WIND CONE)	+ +	+ +
BUILDINGS	■	■
AIRPORT BEACON	★	★
SEGMENTED CIRCLE	○	○
AIRFIELD PAVEMENT	▨	▨
EASEMENT	▨	▨
PROPERTY TO PURCHASE	▨	▨
TURF RUNWAY	▨	▨

AREA	ACRES	INTEREST	ACQUISITION DATE	PROJECT NO.
1	160.00	IN FEE	1947	9-25-012-103
2	21.12	IN FEE	1964	9-25-012-L404
4	4.43	EASEMENT	1964	9-25-012-L404
5	7.04	EASEMENT	1964	9-25-012-L404
6	5.76	EASEMENT	1964	9-25-012-L404
9	21.67	IN FEE	1976	7-31-0022-01
10	5.19	EASEMENT	1976	7-31-0022-01
11	9.73	EASEMENT	1986	3-31-0022-01
12	5.77	EASEMENT	1986	3-31-0022-01
13	8.46	IN FEE	1986	3-31-0022-02
14	7.44	EASEMENT	1986	3-31-0022-02
15	3.13	EASEMENT	1986	3-31-0022-02
16	1.15	EASEMENT	1986	3-31-0022-02
17	28.11	IN FEE	2006	3-31-0022-06
18	5.08	IN FEE	2006	3-31-0022-06
19	0.69	EASEMENT	2006	3-31-0022-06
20	0.85	EASEMENT	2006	3-31-0022-06
21	1.14	EASEMENT	2006	3-31-0022-06
22	0.03	EASEMENT	2006	3-31-0022-06
23	1.44	EASEMENT	2006	3-31-0022-06
24	46.83	IN FEE	2006	3-31-0022-06
25	0.19	EASEMENT	2006	3-31-0022-06
26	0.31	EASEMENT	2006	3-31-0022-06



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