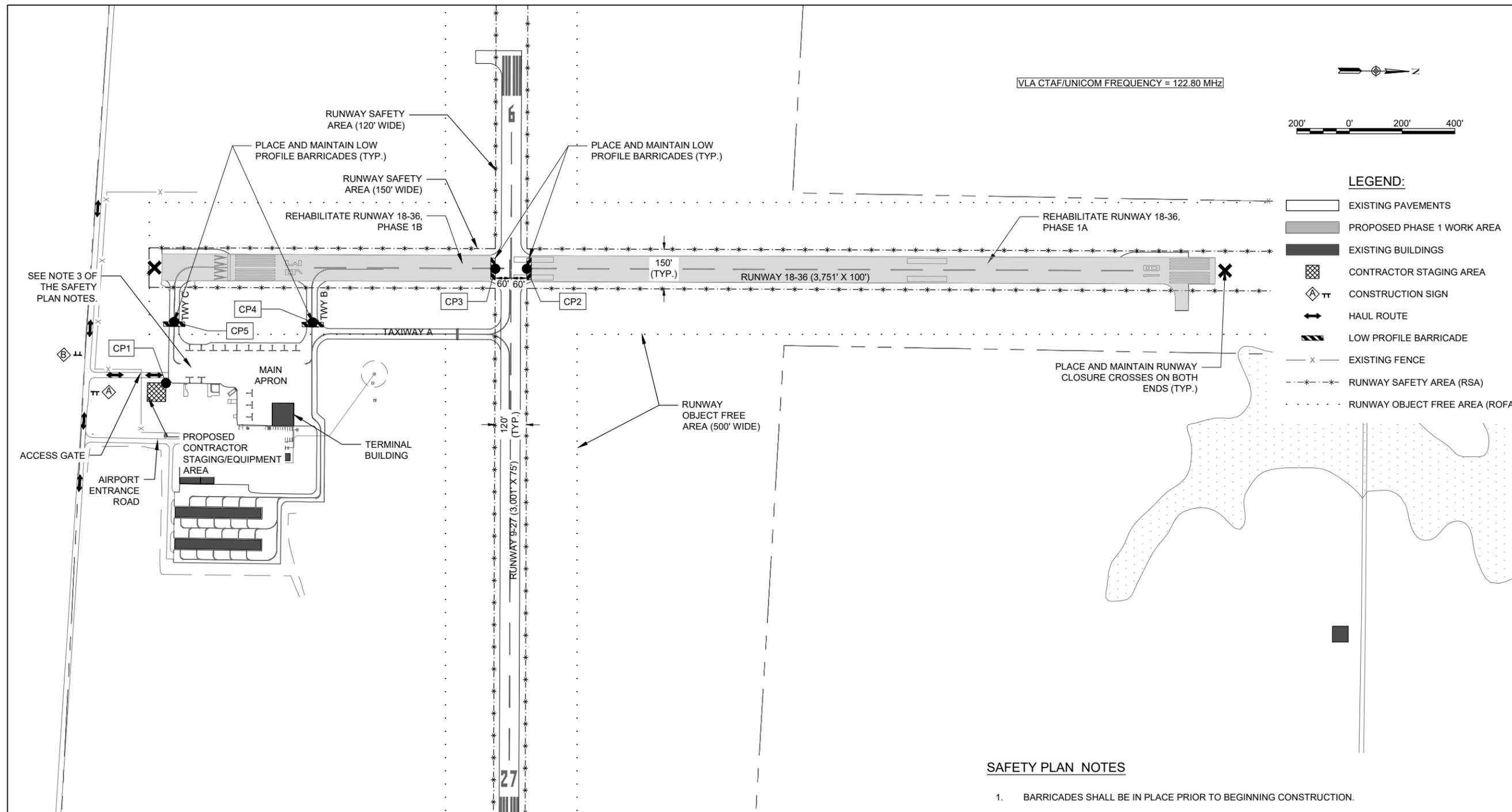


NO.	DATE	DESCRIPTION		
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ISSUE: JANUARY 10, 2025  
PROJECT NO: 22A0108D  
CAD FILE: G-004-SFY.DWG  
DESIGN BY: JRH 10/28/2024  
DRAWN BY: AJC 11/08/2024  
REVIEWED BY: BSS 12/06/2024

SHEET TITLE

**FOR BID**



VLA CTAF/UNICOM FREQUENCY = 122.80 MHz



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PHASE 1 WORK AREA
- EXISTING BUILDINGS
- CONTRACTOR STAGING AREA
- CONSTRUCTION SIGN
- HAUL ROUTE
- LOW PROFILE BARRICADE
- EXISTING FENCE
- RUNWAY SAFETY AREA (RSA)
- RUNWAY OBJECT FREE AREA (ROFA)

**SAFETY PLAN NOTES**

- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR MAY NOT WORK IN PHASE 1 AND PHASE 2 AT THE SAME TIME. HOWEVER, THE CONTRACTOR MAY WORK IN PHASE 1A AND 1B SIMULTANEOUSLY. SEE NOTE 3.
- FLAGPERSONS AND/OR ESCORTS MAY BE NECESSARY TO ENSURE PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC MAINTENANCE.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
- AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COST FOR PROVISION, PLACEMENT, MAINTENANCE, AND REMOVAL OF BARRICADES ON THE AIRFIELD AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

**PHASE 1 NOTES:**

- PHASE 1 INCLUDES CRACK SEALING, MINOR PATCHING, ASPHALT SURFACE TREATMENT, AND ASSOCIATED ITEMS WITHIN THE PHASE LIMITS.
- PHASE 1 WILL BE SPLIT INTO TWO SUBPHASES: PHASE 1A AND 1B. PHASE 1A CONSISTS OF THE WORK ON RUNWAY 18/36 TO THE NORTH OF ITS INTERSECTION WITH RUNWAY 9/27. PHASE 1B CONSISTS OF THE WORK ON RUNWAY 18/36 SOUTH OF THE RUNWAY 9/27 INTERSECTION. THE CONTRACTOR SHALL START WORK IN PHASE 1A PRIOR TO PHASE 1B.
- RUNWAY 18/36 AND TAXIWAYS B AND C WILL BE CLOSED DURING THIS PHASE.
- ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
- A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF ASPHALT SURFACE TREATMENT AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.

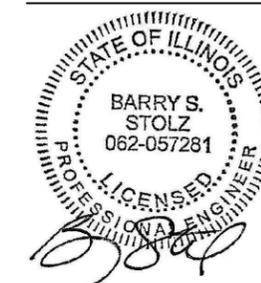
**CRITICAL POINTS**

NO.	DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	TOP ELEV.
CP1	CONTRACTOR LAYDOWN AREA	N038°59'11.95"	W089°09'56.39"	532'	25'	557'
CP2	BARRICADE RUNWAY	N038°59'25.47"	W089°10'02.04"	534'	2'	536'
CP3	BARRICADE RUNWAY	N038°59'24.28"	W089°10'02.03"	534'	2'	536'
CP4	BARRICADE TAXIWAY	N038°59'17.44"	W089°09'59.37"	533'	2'	535'
CP5	BARRICADE TAXIWAY	N038°59'12.24"	W089°09'59.33"	533'	2'	535'

**SAFETY PLAN COMPLIANCE DOCUMENT**

- PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT MANAGER SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE ENGINEER FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

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**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

SBG No. 3-17-SBGP-TBD

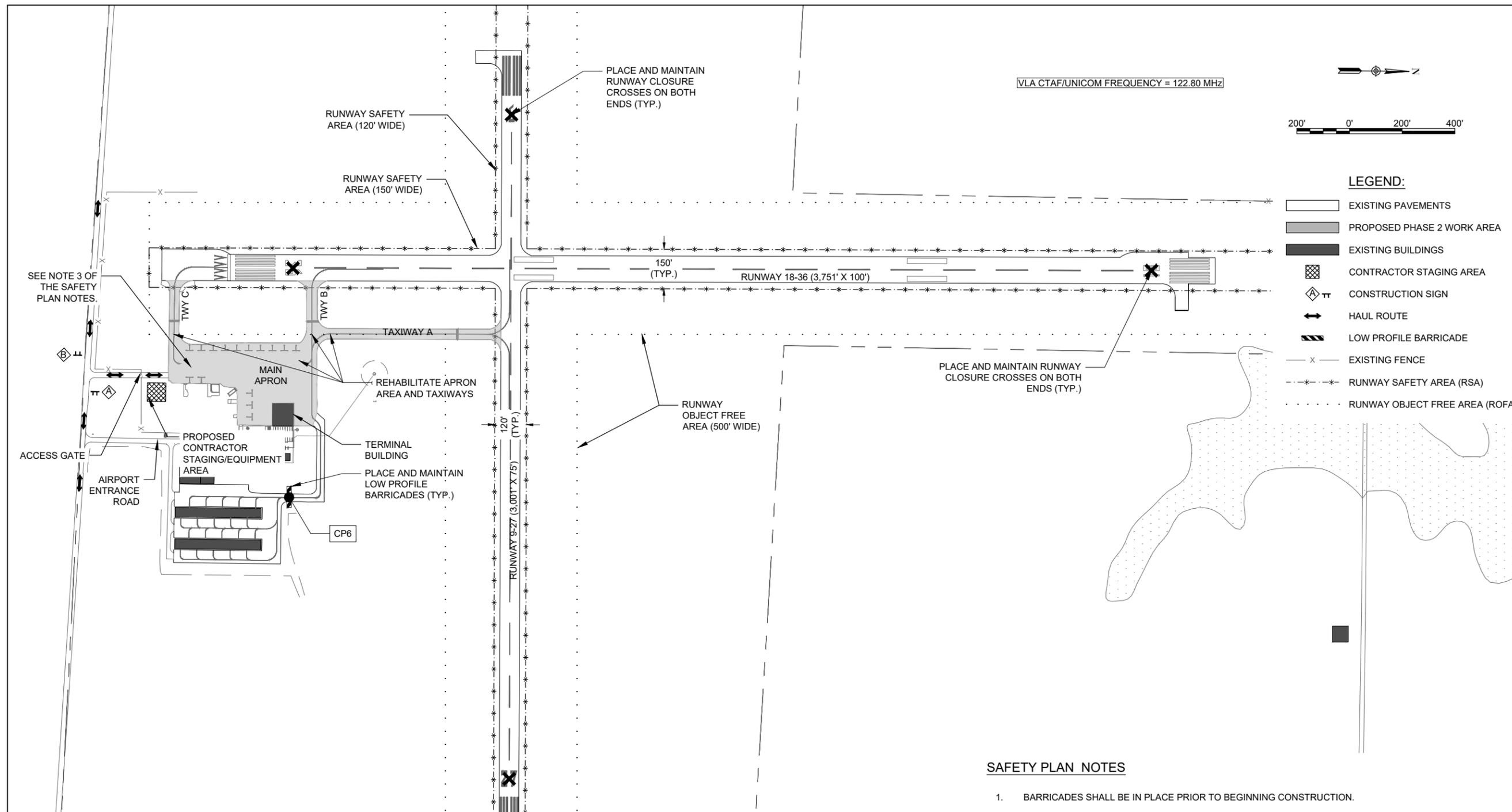

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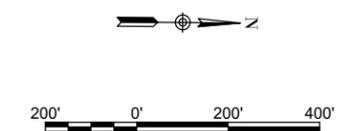
SHEET TITLE

**CONSTRUCTION SAFETY PLAN - PHASE 2**

**FOR BID**



VLA CTAF/UNICOM FREQUENCY = 122.80 MHz



- LEGEND:**
- [White Box] EXISTING PAVEMENTS
  - [Grey Box] PROPOSED PHASE 2 WORK AREA
  - [Black Box] EXISTING BUILDINGS
  - [Cross-hatch Box] CONTRACTOR STAGING AREA
  - [Diamond with TT] CONSTRUCTION SIGN
  - [Double Arrow] HAUL ROUTE
  - [Zebra Box] LOW PROFILE BARRICADE
  - [X] EXISTING FENCE
  - [Dashed Line with Asterisk] RUNWAY SAFETY AREA (RSA)
  - [Dotted Line] RUNWAY OBJECT FREE AREA (ROFA)

**SAFETY PLAN NOTES**

- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR MAY NOT WORK IN PHASES AT THE SAME TIME WITH THE EXCEPTION OF PAVEMENT MARKING.
- FLAGPERSONS AND/OR ESCORTS MAY BE NECESSARY TO ENSURE PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC MAINTENANCE.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
- AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COST FOR PROVISION, PLACEMENT, MAINTENANCE, AND REMOVAL OF BARRICADES ON THE AIRFIELD AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR1505430 TRAFFIC MAINTENANCE.

**PHASE 2 NOTES:**

- PHASE 2 INCLUDES CRACK SEALING, MINOR PATCHING, ASPHALT SURFACE TREATMENT, AND ASSOCIATED ITEMS WITHIN THE PHASE LIMITS.
- ALL AIRFIELD PAVEMENTS WILL BE CLOSED DURING THIS PHASE.
- ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
- A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF ASPHALT SURFACE TREATMENT AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.

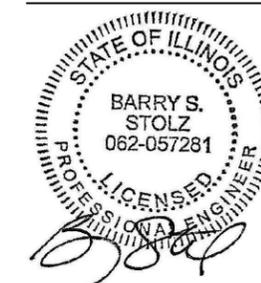
**CRITICAL POINTS**

NO.	DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	TOP ELEV.
CP6	BARRICADE TAXIWAY	N038°59'16.61"	W089°09'50.96"	533'	2'	535'

**SAFETY PLAN COMPLIANCE DOCUMENT**

- PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT MANAGER SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE ENGINEER FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

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**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967  
SBG No. 3-17-SBGP-TBD

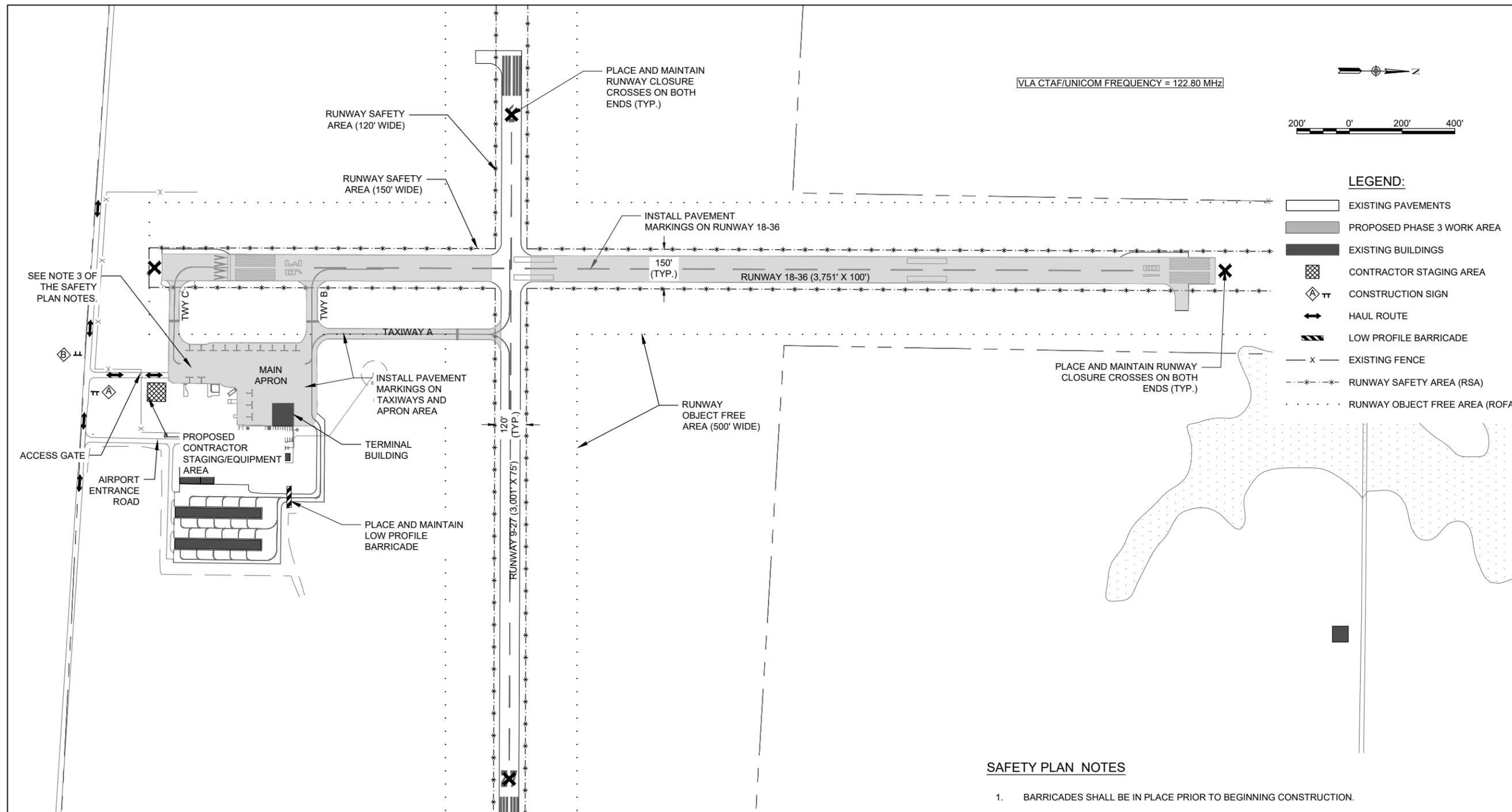

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SHEET TITLE

**CONSTRUCTION SAFETY PLAN - PHASE 3**

**FOR BID**



VLA CTAF/UNICOM FREQUENCY = 122.80 MHz

PLACE AND MAINTAIN RUNWAY CLOSURE CROSSES ON BOTH ENDS (TYP.)

RUNWAY SAFETY AREA (120' WIDE)

RUNWAY SAFETY AREA (150' WIDE)

INSTALL PAVEMENT MARKINGS ON RUNWAY 18-36

150' (TYP.)  
RUNWAY 18-36 (3,751' X 100')

PLACE AND MAINTAIN RUNWAY CLOSURE CROSSES ON BOTH ENDS (TYP.)

RUNWAY OBJECT FREE AREA (500' WIDE)

INSTALL PAVEMENT MARKINGS ON TAXIWAYS AND APRON AREA

TERMINAL BUILDING

PLACE AND MAINTAIN LOW PROFILE BARRICADE

PROPOSED CONTRACTOR STAGING/EQUIPMENT AREA

AIRPORT ENTRANCE ROAD

SEE NOTE 3 OF THE SAFETY PLAN NOTES.

ACCESS GATE

**PHASE 3 NOTES:**

- PHASE 3 INCLUDES PERMANENT PAVEMENT MARKING WITHIN THE PROJECT LIMITS.
- ALL AIRFIELD PAVEMENTS WILL BE CLOSED DURING THIS PHASE.
- ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
- A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF ASPHALT SURFACE TREATMENT AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.

**SAFETY PLAN NOTES**

- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR MAY NOT WORK IN PHASES AT THE SAME TIME WITH THE EXCEPTION OF PAVEMENT MARKING.
- FLAGPERSONS AND/OR ESCORTS MAY BE NECESSARY TO ENSURE PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC MAINTENANCE.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
- AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COST FOR PROVISION, PLACEMENT, MAINTENANCE, AND REMOVAL OF BARRICADES ON THE AIRFIELD AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

**SAFETY PLAN COMPLIANCE DOCUMENT**

- PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT MANAGER SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE ENGINEER FOR APPROVAL PRIOR TO THE NTP ISSUANCE.



DATE SIGNED: 1/10/2025 LICENSE EXPIRES: 11/30/2025

**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

SBG No. 3-17-SBGP-TBD


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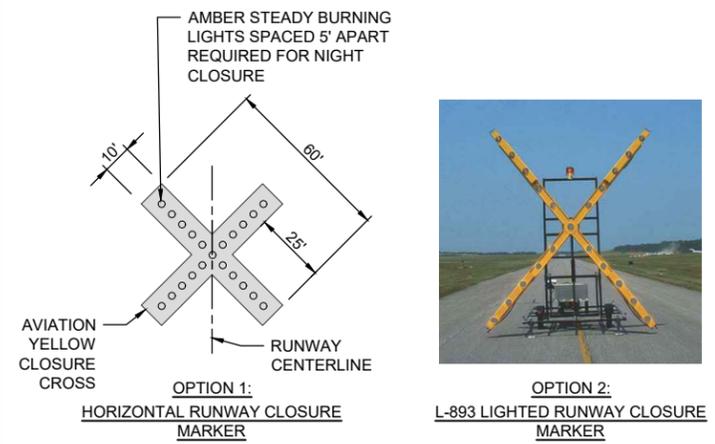
**CONSTRUCTION SAFETY DETAILS AND NOTES - SHEET 1**

**SAFETY NOTES**

- FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT.
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
- NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED IN THE EQUIPMENT PARKING/STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION CONFERENCE.
- ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 62' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 62' OF ANY AIRPORT OPERATIONS AREA WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
- NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 62' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
- UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.

**CLOSURE CROSS NOTES**

- RUNWAY CLOSURE CROSS MARKINGS SHALL BE LIGHTED DURING DARKNESS AND PERIODS OF REDUCED VISIBILITY. THE LIGHTED MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERALS OR IMMEDIATELY OFF THE END OF THE RUNWAY ON THE EXTENDED CENTERLINE, AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- THE CONTRACTOR SHALL PROVIDE THE RUNWAY CLOSURE CROSSES BY ONE OF TWO OPTIONS:  
  
OPTION 1: TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.  
  
OPTION 2: THE CONTRACTOR SHALL PROVIDE TWO (2) L-893 LIGHTED RUNWAY CLOSURE MARKERS, MEETING THE REQUIREMENTS IN FAA ADVISORY CIRCULAR 150/5345-55 AND SHALL BE IN PLACE AND OPERATING WHENEVER THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED.
- TAXIWAY CLOSURE CROSSES SHALL MEET OPTION 1 IN THE ABOVE NOTE.
- THE CONTRACTOR SHALL MAKE FREQUENT INSPECTION OF THE LIGHTED CROSSES AND MAKE PROMPT REPAIRS AS NECESSARY.
- THE CONTRACTOR SHALL BE ON-CALL FOR 24-HOUR EMERGENCY MAINTENANCE WHEN LIGHTED CROSSES ARE BEING USED.
- LIGHTED MARKERS SHALL BE SECURED FROM WIND EFFECTS BY THE CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.
- COST FOR PROVIDING, PLACING, OPERATING, MAINTAINING, RELOCATING AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF MOBILIZATION.

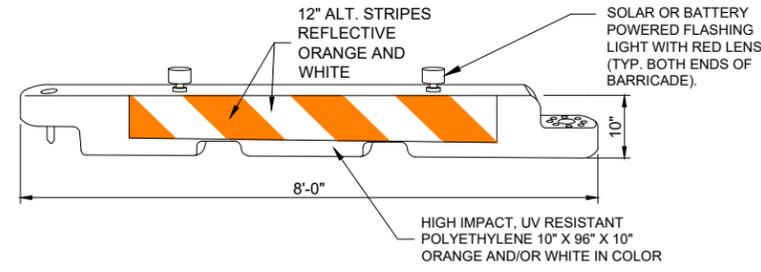


**RUNWAY CLOSURE CROSS MARKER DETAIL**

NOT TO SCALE

**BARRICADE NOTES**

- CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT IN 4' INCREMENTS. BARRICADES ARE TO BE SET BACK 66' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR BEFORE SUNSET AND 1/2 HOUR AFTER SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE INCLUDED IN THE COST OF THE TRAFFIC MAINTENANCE.



**LOW-PROFILE BARRICADE DETAIL**

NOT TO SCALE

DETAIL ABOVE REPRESENTS ONE OPTION FOR LOW-PROFILE BARRICADES. OTHER OPTIONS MAY BE UTILIZED AS LONG AS THEY MEET THE REQUIREMENTS OF THE PROJECT, INCLUDING BARRICADE NOTE 1.

**FOR BID**



DATE SIGNED: 1/10/2025 LICENSE EXPIRES: 11/30/2025

**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 10, 2025

PROJECT NO: 22A0108D

CAD FILE: C-501-SFY.DWG

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REVIEWED BY: BSS 12/06/2024

SHEET TITLE

**CONSTRUCTION SAFETY DETAILS AND NOTES - SHEET 2**



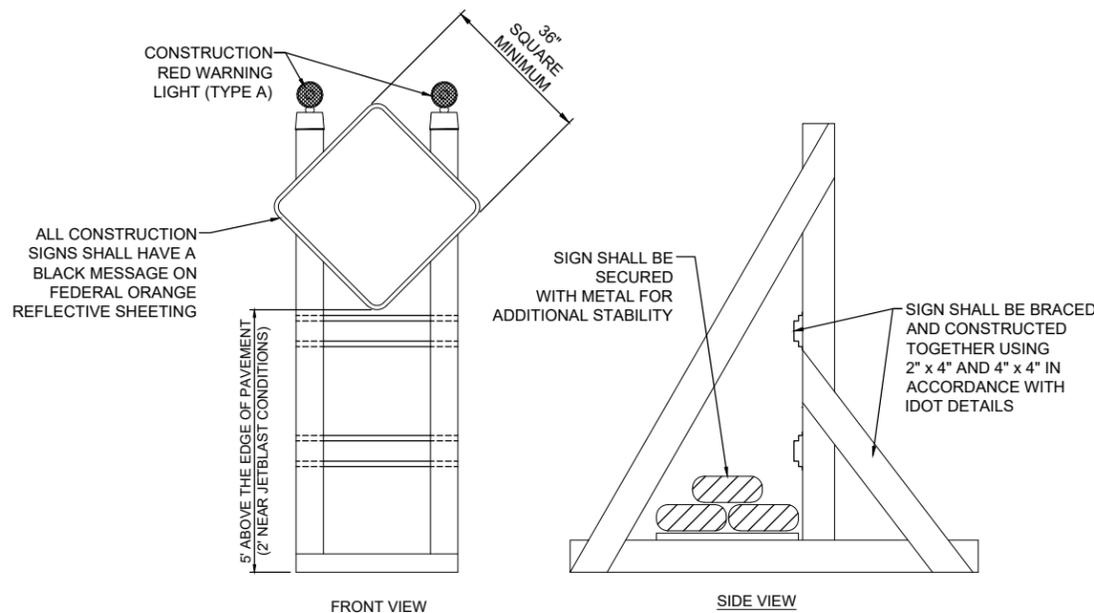
W20-3  
48" x 48" A



W20-3  
48" x 48" B

**CONSTRUCTION SIGNS**

NOT TO SCALE



**SIGNAGE NOTES**

1. ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
2. UNLESS OTHERWISE SPECIFIED, CONSTRUCTION SIGNS SHALL BE MOUNTED ON PORTABLE OR NON-PORTABLE SUPPORTS. A PORTABLE SUPPORT IS DEFINED AS A TYPICAL SIGN STANDARD AS SHOWN ON THIS SHEET, OR A SMALL LIGHT WEIGHT TRAILER. A NON-PORTABLE SUPPORT IS DEFINED AS DRIVEN METAL OR WOOD POST. ALL SIGNS, REGARDLESS OF THE TYPE OF SUPPORTS USED, SHALL BE MOUNTED SUCH THAT THE MESSAGE ON THE SIGN IS LEVEL IN THE HORIZONTAL PLANE AFTER PLACEMENT. THE COST OF CONSTRUCTION WARNING LIGHTS SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION SIGNS.
3. CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY ARE TO BE USED IN A LOW INTENSITY FLASHING MODE (TYPE A).
4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
5. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC MAINTENANCE.



DATE SIGNED: 1/10/2025 LICENSE EXPIRES: 11/30/2025

**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 10, 2025

PROJECT NO: 22A0108D

CAD FILE: C-121-CON.DWG

DESIGN BY: JRH 10/28/2024

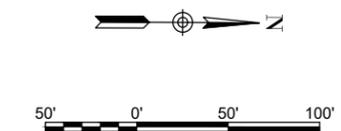
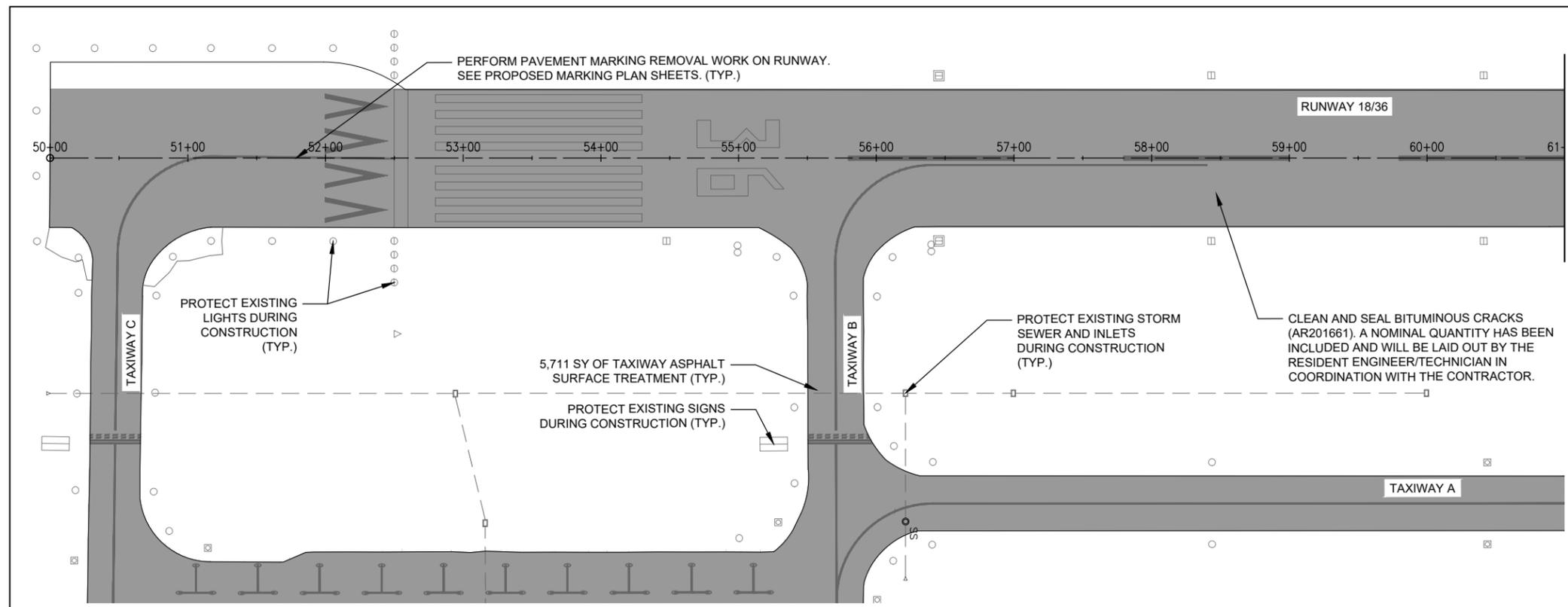
DRAWN BY: AJC 11/08/2024

REVIEWED BY: BSS 12/06/2024

SHEET TITLE

**PROPOSED CONSTRUCTION PLAN - SHEET 1**

**FOR BID**



- LEGEND:**
- EXISTING PAVEMENTS
  - PROPOSED PAVEMENT REHAB
  - EXISTING BUILDINGS
  - EXISTING RUNWAY LIGHTS
  - EXISTING TAXIWAY LIGHTS
  - EXISTING ELECTRICAL CABLE
  - EXISTING ELECTRICAL DUCT

**UTILITY NOTES**

1. THE CONTRACTOR SHALL EXAMINE THE SITE TO CONFIRM AND FIELD VERIFY EXISTING SITE CONDITIONS.
2. WHEN A RUNWAY IS CLOSED THE RESPECTIVE LIGHTING AND NAVAIDS SHALL BE SHUT OFF. WHEN A TAXIWAY IS CLOSED THE RESPECTIVE LIGHTING SYSTEM SHALL BE SHUT OFF.
3. ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT MANAGER/DIRECTOR AND RESIDENT ENGINEER/TECHNICIAN.

**CLEAN & SEAL BITUMINOUS CRACKS NOTES**

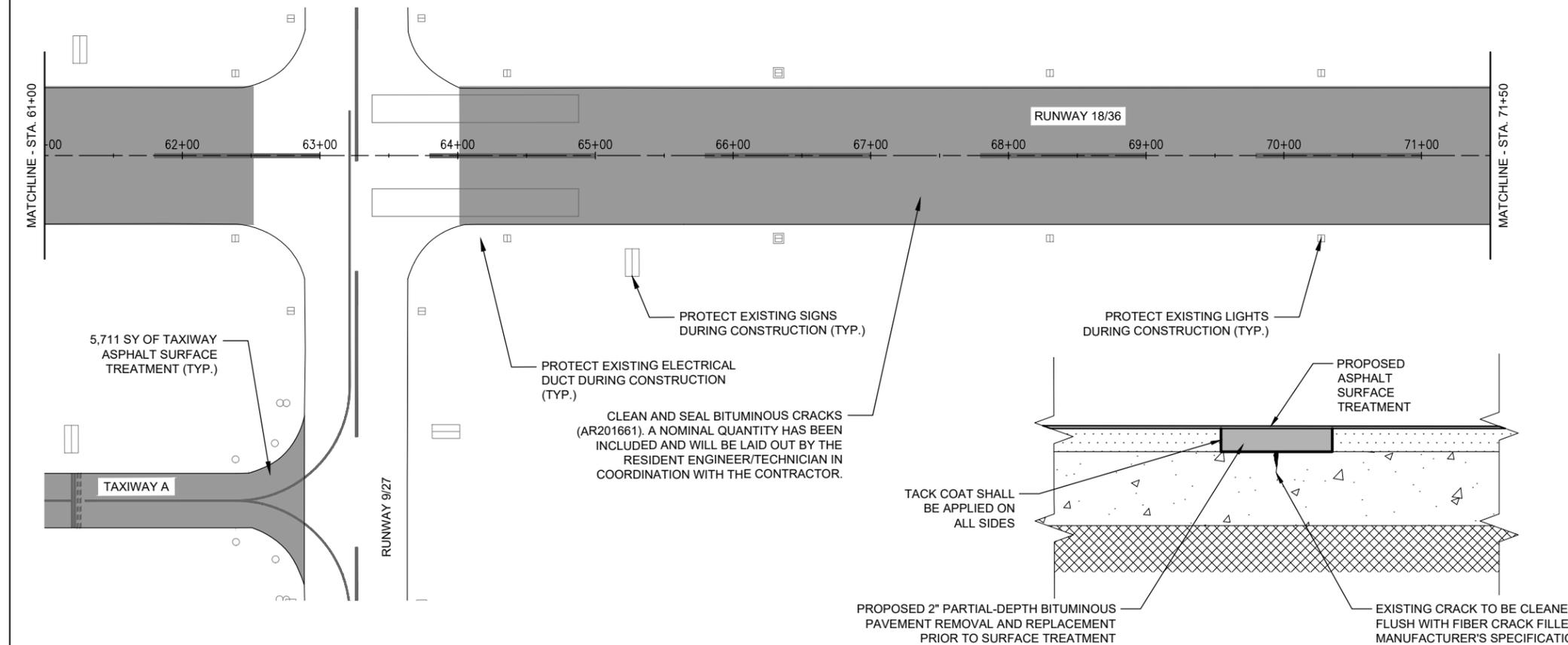
1. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER/TECHNICIAN AT THE TIME OF CONSTRUCTION.
2. ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN FOR REPAIR WILL BE COMPLETED AS STATED IN THE SPECIAL PROVISIONS.
3. THE PROPOSED CLEANING AND SEALING OF THE IDENTIFIED CRACKS SHALL BE PERFORMED PRIOR TO THE ASPHALT SURFACE TREATMENT.

**ASPHALT SURFACE TREATMENT**

1. THE ASPHALT SURFACE TREATMENT SHALL BE COMPLETED IN ACCORDANCE WITH ITEM 631 OF THE SPECIAL PROVISIONS.

**REMOVE & REPLACE BITUMINOUS PAVEMENT (ADD. ALT. 1)**

1. SEE PATCHING DETAIL. PATCHING WILL BE CONFIRMED AND LAID OUT BY THE RESIDENT ENGINEER/TECHNICIAN.
2. ALL PATCHES ARE PARTIAL DEPTH AND WILL BE MEASURED AND PAID FOR BY AS401915.



**AS401915 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE A (PARTIAL DEPTH) (ADD. ALT. 1)**  
NOT TO SCALE

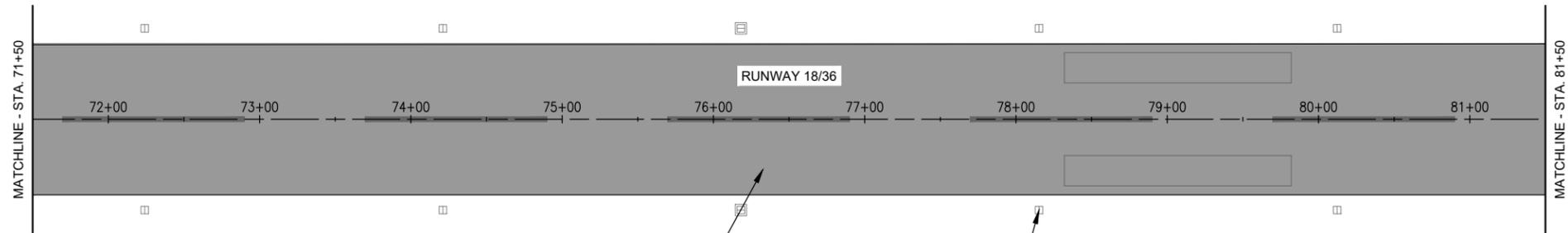
HMA MIXTURE REQUIREMENTS					
APPLICATION	DESIGN AIR VOIDS	AC / PG	AGG. QUALITY	MAX. RAP	DENSITY ACCEPTANCE
401 HMA SURFACE COURSE-METHOD I, SUPERPAVE	3.0% @ Ndesign = 50	64-22	B OR BETTER	0%	MAT: NUCLEAR GAUGE

NOTE: AN APPROVED HIGHWAY MIX DESIGN MAY BE MODIFIED TO MEET CRITERIA AS APPROVED BY THE ENGINEER.

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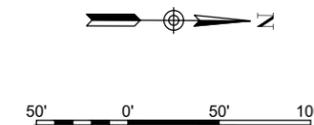


DATE SIGNED: 1/10/2025 LICENSE EXPIRES: 11/30/2025



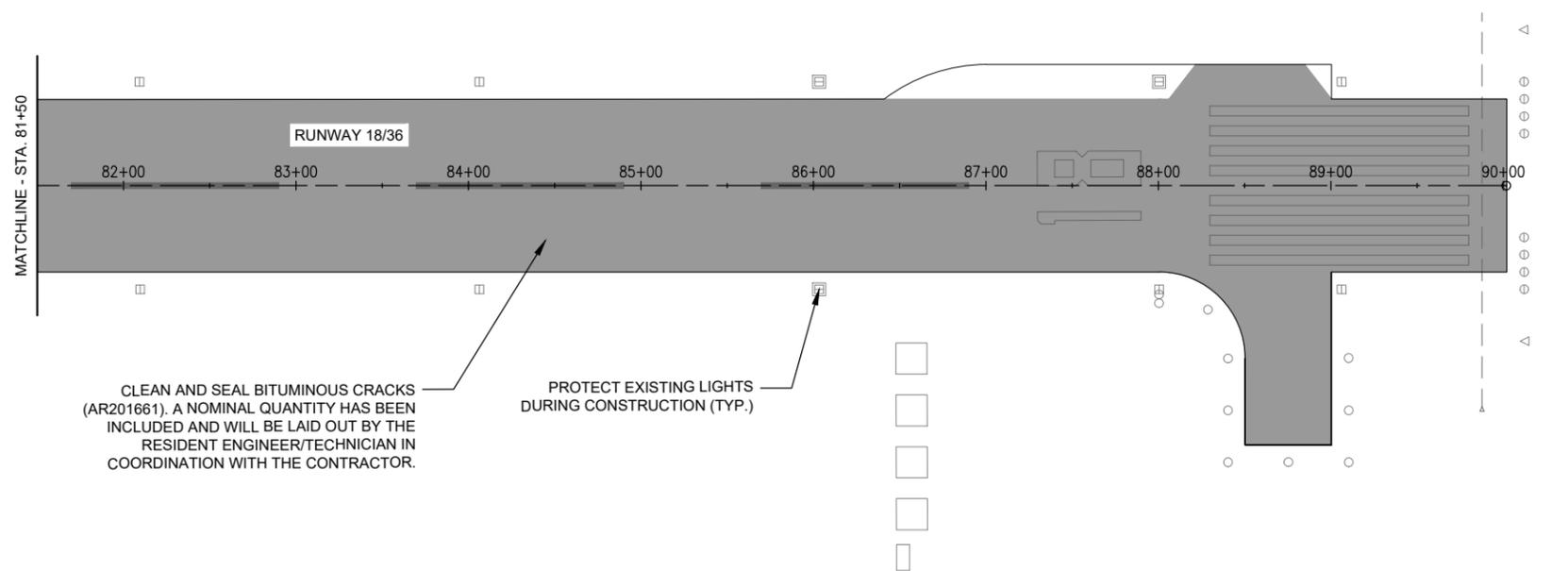
CLEAN AND SEAL BITUMINOUS CRACKS (AR201661). A NOMINAL QUANTITY HAS BEEN INCLUDED AND WILL BE LAID OUT BY THE RESIDENT ENGINEER/TECHNICIAN IN COORDINATION WITH THE CONTRACTOR.

PROTECT EXISTING LIGHTS DURING CONSTRUCTION (TYP.)



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT REHAB
- EXISTING BUILDINGS



CLEAN AND SEAL BITUMINOUS CRACKS (AR201661). A NOMINAL QUANTITY HAS BEEN INCLUDED AND WILL BE LAID OUT BY THE RESIDENT ENGINEER/TECHNICIAN IN COORDINATION WITH THE CONTRACTOR.

PROTECT EXISTING LIGHTS DURING CONSTRUCTION (TYP.)

**UTILITY NOTES**

1. THE CONTRACTOR SHALL EXAMINE THE SITE TO CONFIRM AND FIELD VERIFY EXISTING SITE CONDITIONS.
2. WHEN A RUNWAY IS CLOSED THE RESPECTIVE LIGHTING AND NAVAIDS SHALL BE SHUT OFF. WHEN A TAXIWAY IS CLOSED THE RESPECTIVE LIGHTING SYSTEM SHALL BE SHUT OFF.
3. ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT MANAGER/DIRECTOR AND RESIDENT ENGINEER/TECHNICIAN.

**CLEAN & SEAL BITUMINOUS CRACKS NOTES**

1. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER/TECHNICIAN AT THE TIME OF CONSTRUCTION.
2. ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN FOR REPAIR WILL BE COMPLETED AS STATED IN THE SPECIAL PROVISIONS.
3. THE PROPOSED CLEANING AND SEALING OF THE IDENTIFIED CRACKS SHALL BE PERFORMED PRIOR TO THE ASPHALT SURFACE TREATMENT.

**ASPHALT SURFACE TREATMENT**

1. THE ASPHALT SURFACE TREATMENT SHALL BE COMPLETED IN ACCORDANCE WITH ITEM 631 OF THE SPECIAL PROVISIONS.

**REMOVE & REPLACE BITUMINOUS PAVEMENT (ADD. ALT. 1)**

1. SEE PREVIOUS SHEET FOR PATCHING DETAIL. PATCHING WILL BE CONFIRMED AND LAID OUT BY THE RESIDENT ENGINEER/TECHNICIAN.
2. ALL PATCHES ARE PARTIAL DEPTH AND WILL BE MEASURED AND PAID FOR BY AS401915.

**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 10, 2025

PROJECT NO: 22A0108D

CAD FILE: C-121-CON.DWG

DESIGN BY: JRH 10/28/2024

DRAWN BY: AJC 11/08/2024

REVIEWED BY: BSS 12/06/2024

SHEET TITLE

**PROPOSED CONSTRUCTION PLAN - SHEET 2**

**FOR BID**





**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

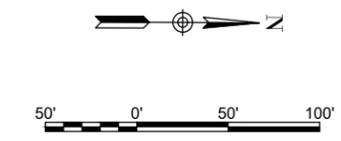
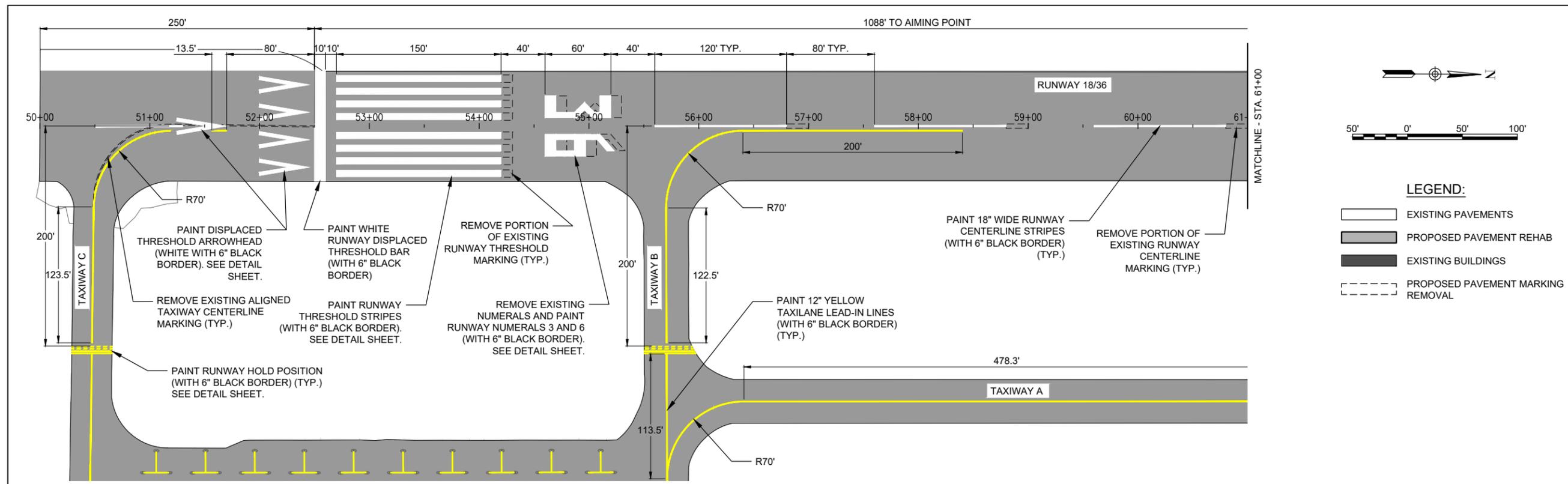
SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 10, 2025  
PROJECT NO: 22A0108D  
CAD FILE: C-151-MRK.DWG  
DESIGN BY: JRH 10/28/2024  
DRAWN BY: AJC 11/04/2024  
REVIEWED BY: BSS 12/06/2024

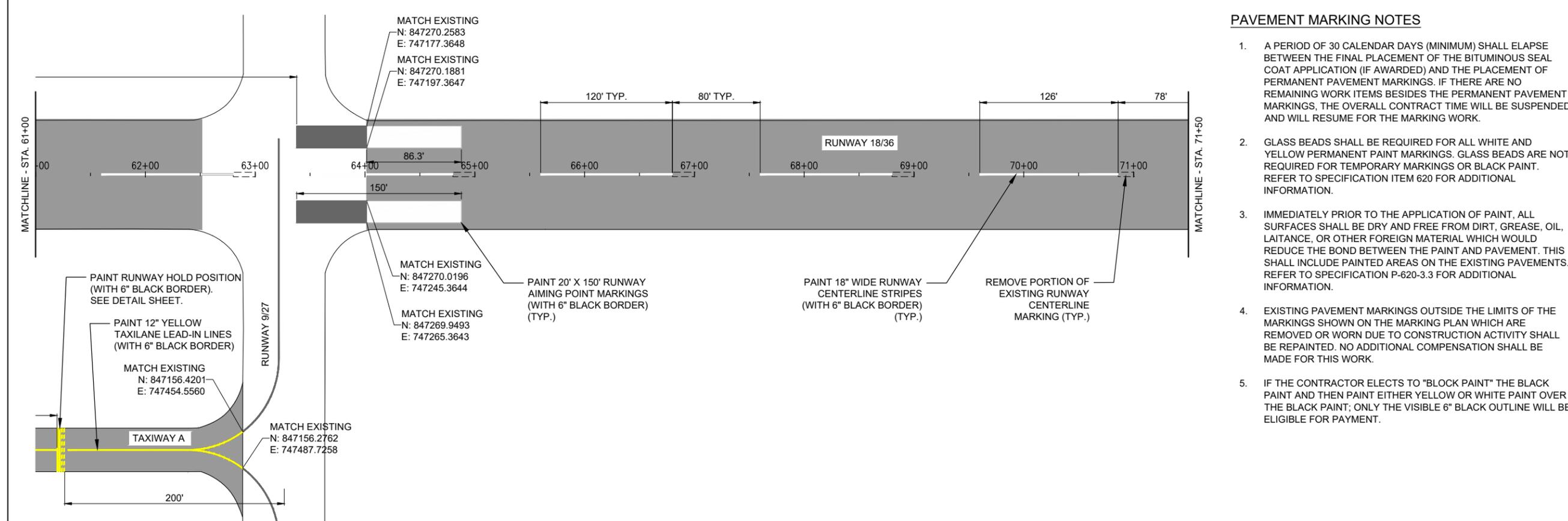
SHEET TITLE

**PROPOSED MARKING PLAN - SHEET 1**



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT REHAB
- EXISTING BUILDINGS
- PROPOSED PAVEMENT MARKING REMOVAL



**PAVEMENT MARKING NOTES**

1. A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF THE BITUMINOUS SEAL COAT APPLICATION (IF AWARDED) AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.
2. GLASS BEADS SHALL BE REQUIRED FOR ALL WHITE AND YELLOW PERMANENT PAINT MARKINGS. GLASS BEADS ARE NOT REQUIRED FOR TEMPORARY MARKINGS OR BLACK PAINT. REFER TO SPECIFICATION ITEM 620 FOR ADDITIONAL INFORMATION.
3. IMMEDIATELY PRIOR TO THE APPLICATION OF PAINT, ALL SURFACES SHALL BE DRY AND FREE FROM DIRT, GREASE, OIL, LAITANCE, OR OTHER FOREIGN MATERIAL WHICH WOULD REDUCE THE BOND BETWEEN THE PAINT AND PAVEMENT. THIS SHALL INCLUDE PAINTED AREAS ON THE EXISTING PAVEMENTS. REFER TO SPECIFICATION P-620-3.3 FOR ADDITIONAL INFORMATION.
4. EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF THE MARKINGS SHOWN ON THE MARKING PLAN WHICH ARE REMOVED OR WORN DUE TO CONSTRUCTION ACTIVITY SHALL BE REPAINTED. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THIS WORK.
5. IF THE CONTRACTOR ELECTS TO "BLOCK PAINT" THE BLACK PAINT AND THEN PAINT EITHER YELLOW OR WHITE PAINT OVER THE BLACK PAINT, ONLY THE VISIBLE 6" BLACK OUTLINE WILL BE ELIGIBLE FOR PAYMENT.

**FOR BID**

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DATE SIGNED: 1/10/2025 LICENSE EXPIRES: 11/30/2025

**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
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ISSUE: JANUARY 10, 2025

PROJECT NO: 22A0108D

CAD FILE: C-151-MRK.DWG

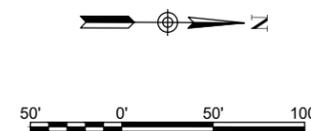
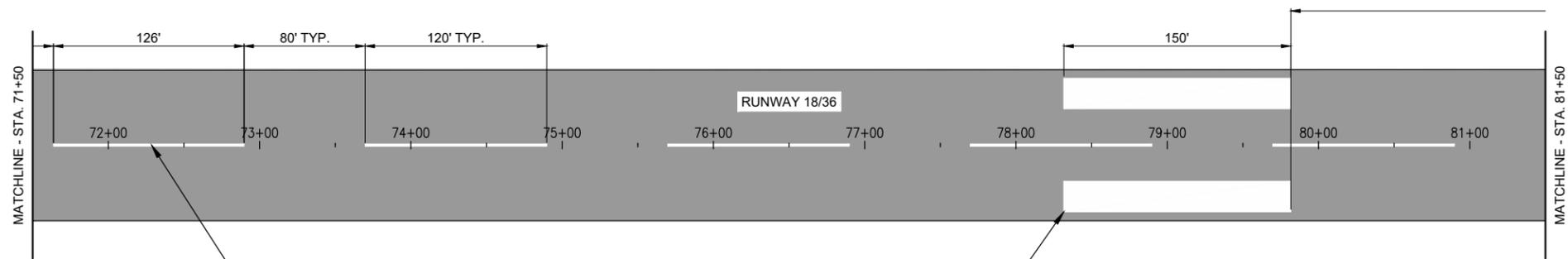
DESIGN BY: JRH 10/28/2024

DRAWN BY: AJC 11/04/2024

REVIEWED BY: BSS 12/06/2024

SHEET TITLE

**PROPOSED MARKING PLAN - SHEET 2**

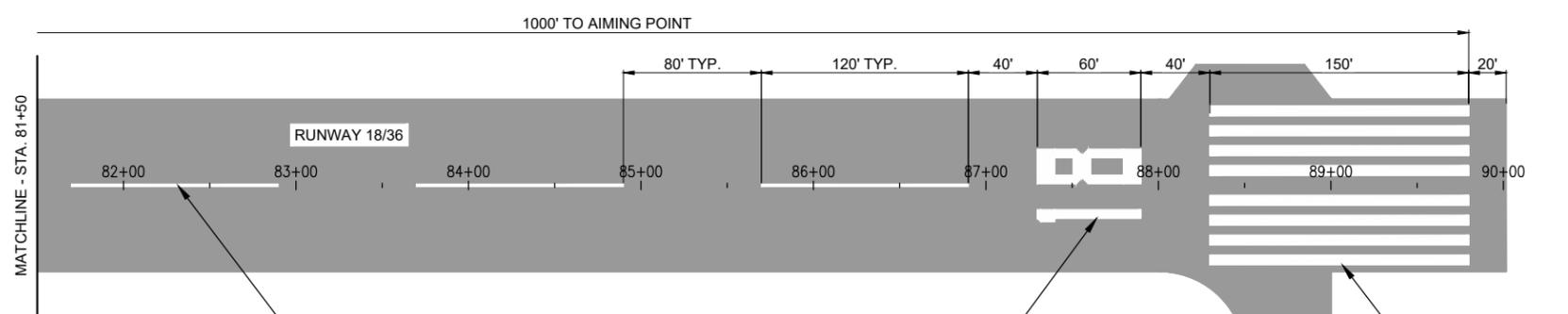


**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT REHAB
- EXISTING BUILDINGS

PAINT 18" WIDE RUNWAY CENTERLINE STRIPES (WITH 6" BLACK BORDER) (TYP.)

PAINT 20' X 150' RUNWAY AIMING POINT MARKINGS (WITH 6" BLACK BORDER) (TYP.)



PAINT 18" WIDE RUNWAY CENTERLINE STRIPES (WITH 6" BLACK BORDER) (TYP.)

PAINT RUNWAY NUMERALS 1 AND 8 (WITH 6" BLACK BORDER). SEE DETAIL SHEET.

PAINT RUNWAY THRESHOLD STRIPES (WITH 6" BLACK BORDER). SEE DETAIL SHEET.

**PAVEMENT MARKING NOTES**

- A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF THE BITUMINOUS SEAL COAT APPLICATION (IF AWARDED) AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.
- GLASS BEADS SHALL BE REQUIRED FOR ALL WHITE AND YELLOW PERMANENT PAINT MARKINGS. GLASS BEADS ARE NOT REQUIRED FOR TEMPORARY MARKINGS OR BLACK PAINT. REFER TO SPECIFICATION ITEM 620 FOR ADDITIONAL INFORMATION.
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- IF THE CONTRACTOR ELECTS TO "BLOCK PAINT" THE BLACK PAINT AND THEN PAINT EITHER YELLOW OR WHITE PAINT OVER THE BLACK PAINT, ONLY THE VISIBLE 6" BLACK OUTLINE WILL BE ELIGIBLE FOR PAYMENT.

**FOR BID**



DATE SIGNED: 1/10/2025 LICENSE EXPIRES: 11/30/2025

**AIRFIELD PAVEMENT MAINTENANCE**

IDA No: VLA-4967

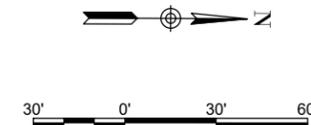
SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 10, 2025  
PROJECT NO: 22A0108D  
CAD FILE: C-151-MRK.DWG  
DESIGN BY: JRH 10/28/2024  
DRAWN BY: AJC 11/04/2024  
REVIEWED BY: BSS 12/06/2024

SHEET TITLE

**PROPOSED MARKING PLAN - SHEET 3**

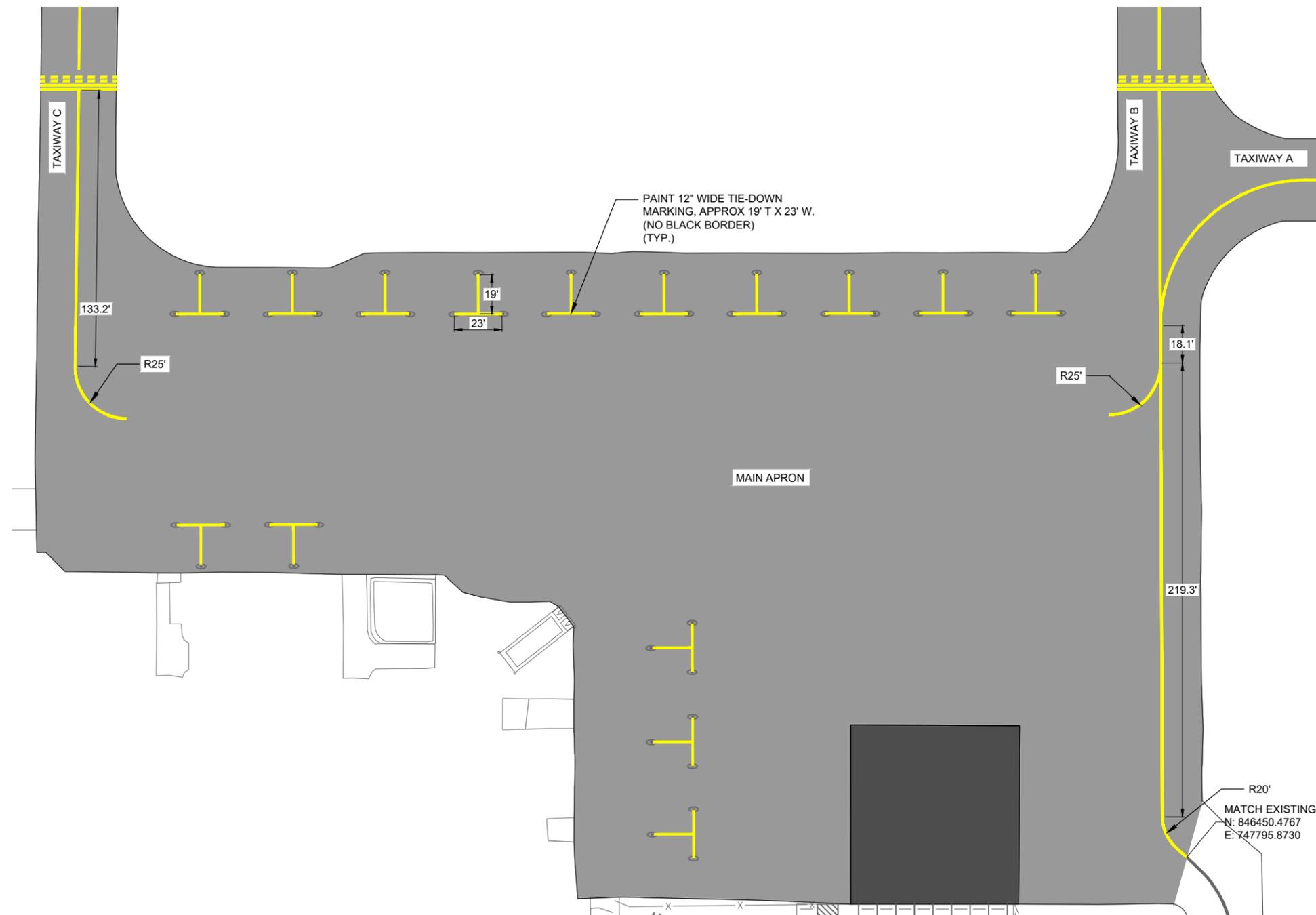


**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT REHAB
- EXISTING BUILDINGS

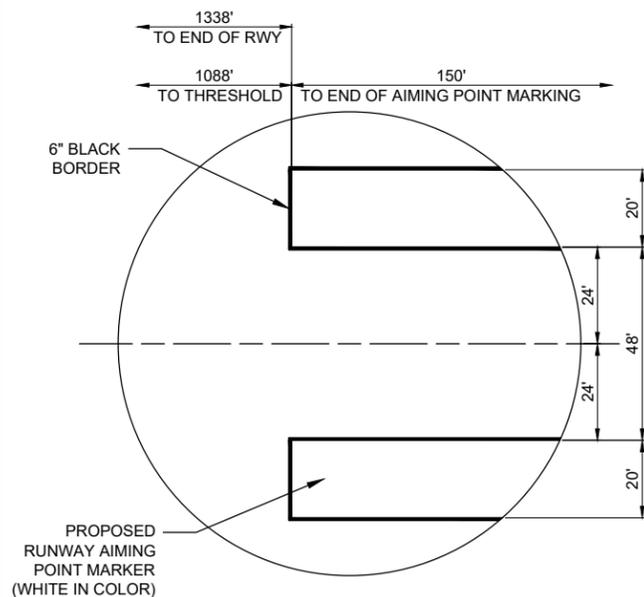
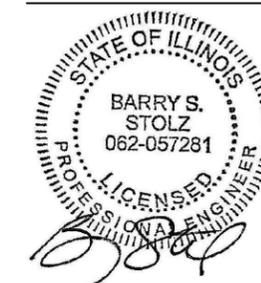
MARKING QUANTITIES	
WHITE MARKING	
DESCRIPTION	TOTAL AREA (S.F.)
RUNWAY 36 THRESHOLD BAR	1000
RUNWAY 18-36 THRESHOLD STRIPES	13800
RUNWAY DESIGNATOR NUMERAL 18	1194
RUNWAY 18-36 CENTERLINE STRIPES	2898
RUNWAY 18-36 AIMING POINTS	12000
RUNWAY DESIGNATOR NUMERAL 36	1346
DISPLACED THRESHOLD ARROWS	1219
<b>TOTAL WHITE</b>	<b>33457</b>
YELLOW MARKING	
TAXIWAY LEAD-IN LINES	2047
HOLD POSITIONS	369
APRON TIEDOWNS	630
<b>TOTAL YELLOW</b>	<b>3046</b>
BLACK MARKING	
RUNWAY 36 THRESHOLD BAR	100
RUNWAY 18-36 THRESHOLD STRIPES	2508
RUNWAY DESIGNATOR NUMERAL 18	200
RUNWAY 18-36 CENTERLINE STRIPES	1972
RUNWAY 18-36 AIMING POINTS	684
RUNWAY DESIGNATOR NUMERAL 36	216
TAXIWAY LEAD-IN LINES	2045
HOLD POSITIONS	601
DISPLACED THRESHOLD ARROWS	469
<b>TOTAL BLACK</b>	<b>8795</b>

MARKING REMOVAL QUANTITIES	
DESCRIPTION	TOTAL AREA (S.F.)
RUNWAY DESIGNATOR NUMERAL 36	1562
RUNWAY CENTERLINE STRIPES	625
RUNWAY THRESHOLD STRIPES	559
TAXIWAY LEAD-IN LINES	484
<b>TOTAL</b>	<b>3230</b>

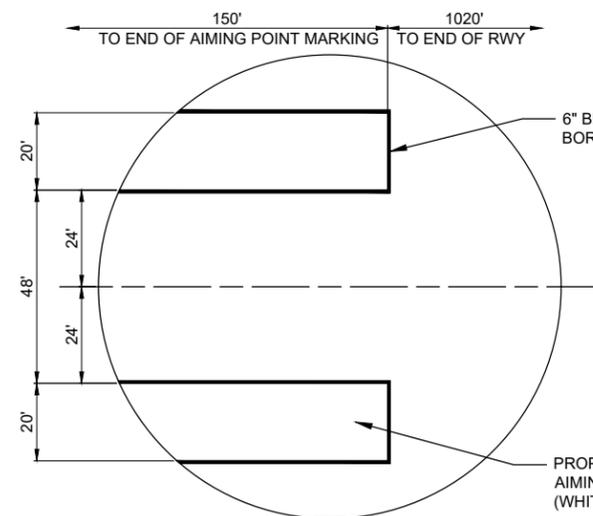


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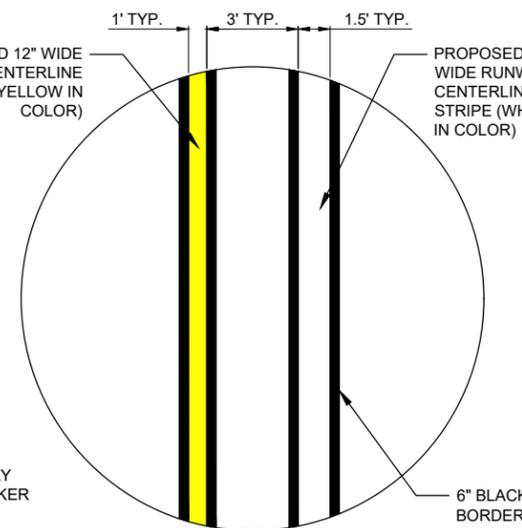
**FOR BID**



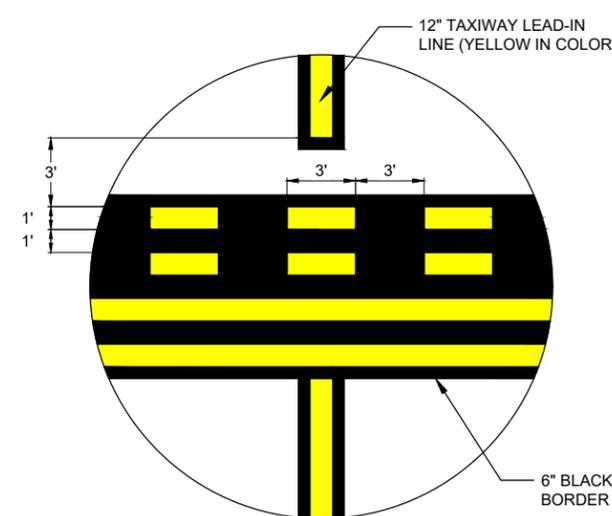
**RUNWAY 36 AIMING POINT DETAIL**  
NOT TO SCALE



**RUNWAY 18 AIMING POINT DETAIL**  
NOT TO SCALE



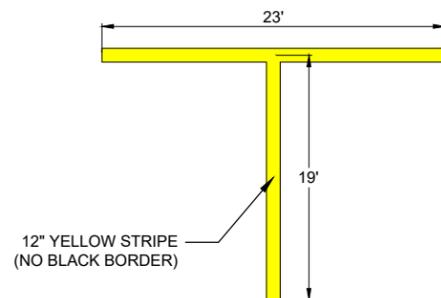
**TAXIWAY LEAD-IN LINE DETAIL**  
NOT TO SCALE



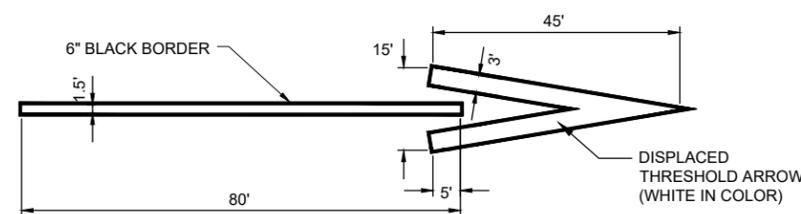
**HOLDING POSITION DETAIL**  
NOT TO SCALE

**RUNWAY DESIGNATION MARKING NOTES**

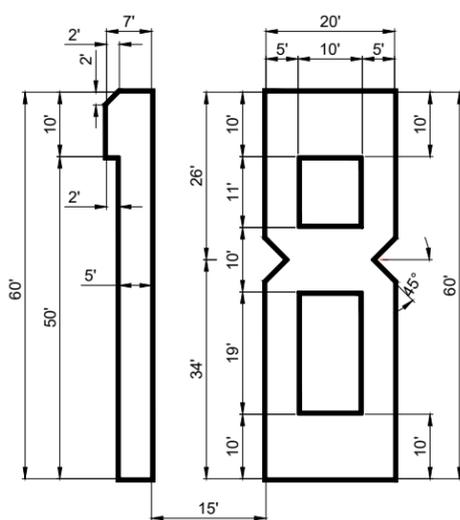
1. ALL NUMBER MARKING WILL BE WHITE IN COLOR WITH A 6" BLACK OUTLINE.
2. NUMERALS ARE HORIZONTALLY SPACED 15 FEET APART.
3. DOUBLE DIGIT NUMERAL DESIGNATIONS ARE CENTERED ON THE RUNWAY PAVEMENT CENTERLINE BASED ON THE CENTER OF THE OUTER EDGES OF THE TWO NUMERALS.



**APRON TIEDOWN DETAIL**  
NOT TO SCALE

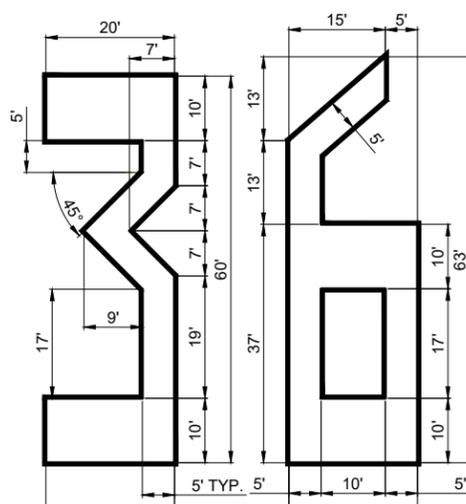


**ARROW DETAIL**  
NOT TO SCALE



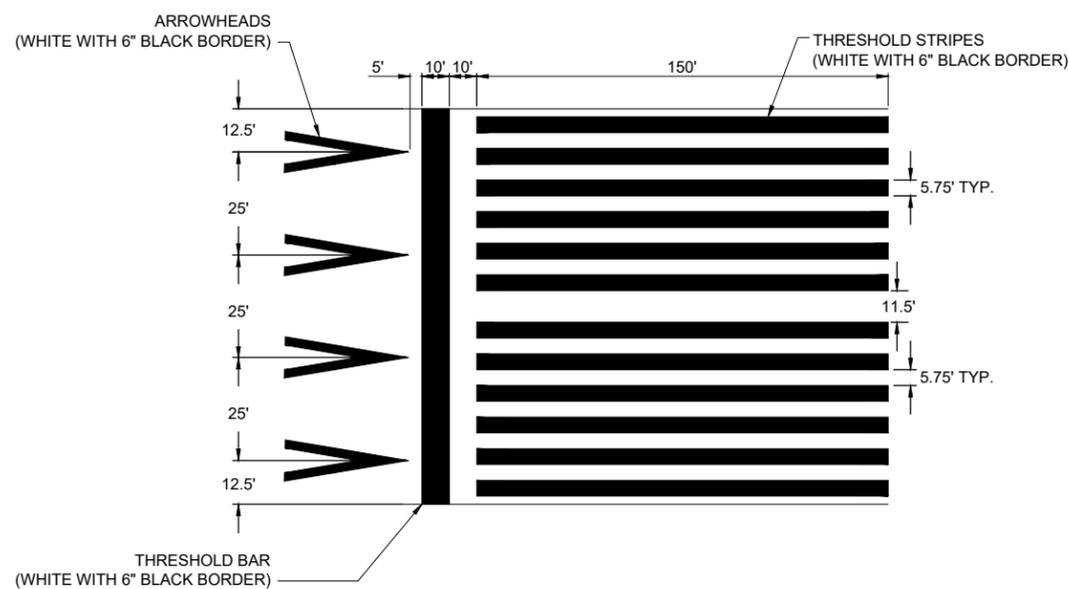
WHITE 318 S.F.      WHITE 876 S.F.  
BLACK 68 S.F.      BLACK 132 S.F.

**RUNWAY DESIGNATOR NUMERAL 18**  
NOT TO SCALE



WHITE 634 S.F.      WHITE 712 S.F.  
BLACK 102 S.F.      BLACK 114 S.F.

**RUNWAY DESIGNATOR NUMERAL 36**  
NOT TO SCALE



**DISPLACED THRESHOLD DETAIL**  
NOT TO SCALE

JAN 10, 2025 10:56 AM SCHUB01446 I:\22\JOBS\22A0108D\CAD\AIRPORT\T\SHEET\C-151-MRK


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

PROPOSED MARKING DETAILS

**FOR BID**