

ITEM NO: 1A  
IDOT LETTING: APRIL 29, 2022

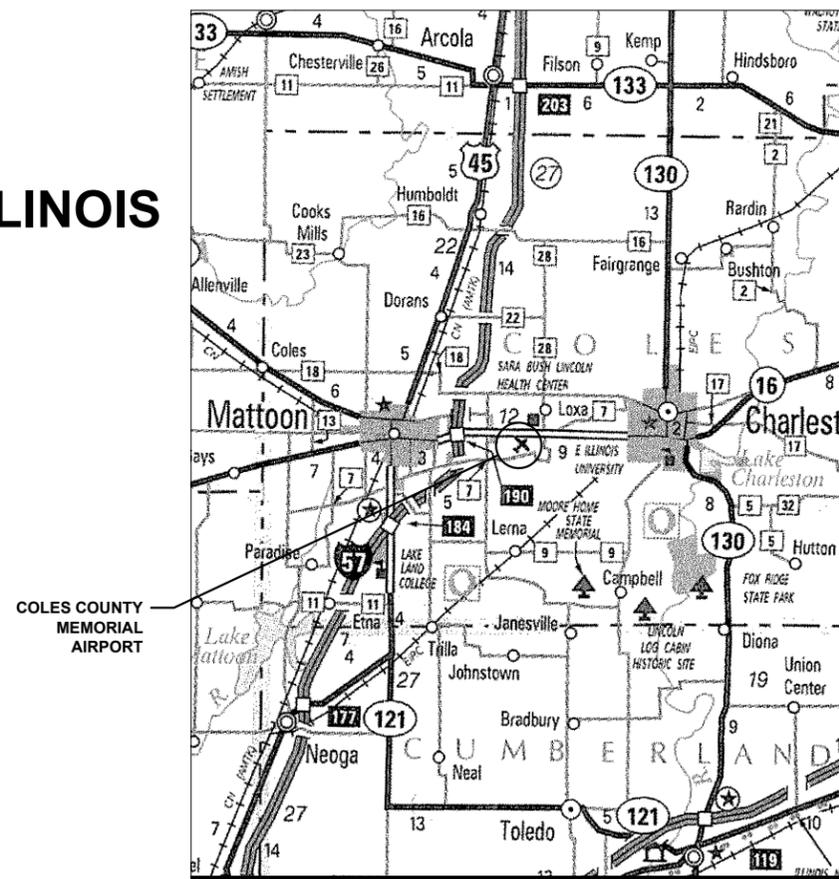
CONSTRUCTION PLANS

**MAINTAIN RUNWAY 11-29: APPLY ASPHALT PRESERVATION TREATMENT AND REMARK**

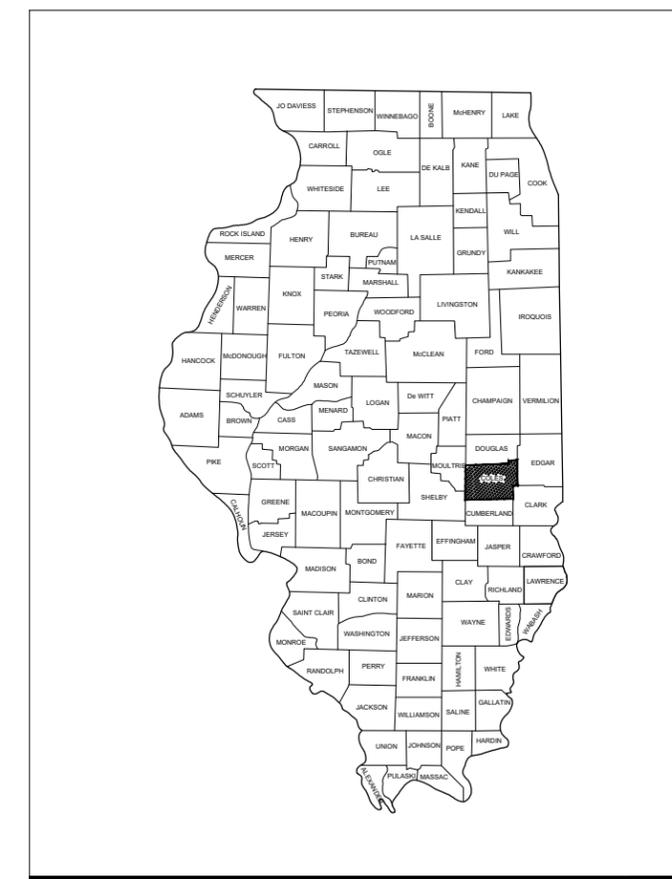
COLES COUNTY AIRPORT AUTHORITY  
COLES COUNTY MEMORIAL AIRPORT (MTO)  
MATTOON-CHARLESTON, COLES COUNTY, ILLINOIS

IDA PROJECT NO. MTO-4887  
SBG PROJECT NO. 3-17-SBGP-171

MARCH 4, 2022



VICINITY MAP



LOCATION MAP

NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

No.	Issue/Description	Sheets Changed	Date	By

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03/04/22 Date

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*Andrew J. Fearn*  
Andrew J. Fearn  
Airport Manager

03/04/22 Date

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**CONSTRUCTION SAFETY PLAN**

- SCOPE OF WORK** - THE PROPOSED WORK CONSISTS OF APPLYING AN ASPHALT SURFACE TREATMENT TO EXISTING ASPHALT PAVEMENT RUNWAY 11-29. WORK WILL ALSO INCLUDE PAVEMENT MARKING, MARKING REMOVAL AS NEEDED, AND CRACK SEALING.
- GENERAL** - THE COLES COUNTY MEMORIAL AIRPORT IS A FAA PART 139, NON-TOWER CONTROLLED, GENERAL AVIATION AIRPORT COMPRISED OF TWO PAVED RUNWAYS AND ONE SOD SHORT TAKEOFF AND LANDING (STOL) RUNWAY. THE PROPOSED CONSTRUCTION WILL NECESSITATE THE CLOSING OF RUNWAY 11-29 FOR THE DURATION OF THE WORK, AND THE PERIODIC CLOSURE OF RUNWAY 6-24.
- PROJECT SCHEDULE** - THE CONTRACTOR MUST HAVE THE PROJECT SITE RESTORED TO AN ACCEPTABLE CONDITION TO REOPEN ALL PAVEMENTS TO AIRFIELD TRAFFIC THE WEEK BEFORE, DURING, AND FOLLOWING THE AIRPORT'S BIENNIAL AIRSHOW ON AUGUST 20, 2022.
- AT NO TIME MAY RUNWAY 11/29 AND 6/24 BE CLOSED CONCURRENTLY, EXCEPT DURING PHASE 2 WHILE WORKING WITHIN THE RUNWAY INTERSECTION.**
- AIRFIELD SAFETY ASSURANCE** - AIRFIELD SAFETY SHALL BE HELD PARAMOUNT AT ALL TIMES. ANY INDIVIDUALS RESPONSIBLE FOR INCURSIONS OR POTENTIAL INCURSIONS WITH AIR TRAFFIC DUE TO NON-COMPLIANCE WITH REQUIREMENTS SET FORTH IN THESE PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND FAA ADVISORY CIRCULAR 150/5370-2 (CURRENT EDITION) WILL BE SUBJECT TO AN IMMEDIATE SUSPENSION OF DRIVING PRIVILEGES ON THE AIRPORT OR A COMPLETE RESTRICTION FROM ENTERING THE AIR OPERATIONS AREA ALTOGETHER. THE AIRPORT MANAGER OR RESIDENT ENGINEER/TECHNICIAN MAY STOP THE WORK AT ANY TIME THEY BELIEVE AIRFIELD SAFETY IS BEING COMPROMISED.
- AIRPORT SECURITY** WILL BE MAINTAINED AT ALL TIMES. ONLY CONTRACTOR EMPLOYEES SHALL BE ALLOWED WITHIN THE PROJECT LIMITS. GATES SHALL BE CLOSED AT ALL TIMES UNLESS THE CONTRACTOR IS IN A CONTINUOUS HAULING OPERATIONS, DURING WHICH TIME HE WILL PROVIDE A PERSON TO MONITOR THE GATE AREA.
- RADIO CONTROL** - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT WITH THE AIRPORT UNICOM (122.70 MHz) ANY TIME THERE ARE WORKERS OR EQUIPMENT ON THE AIRFIELD.

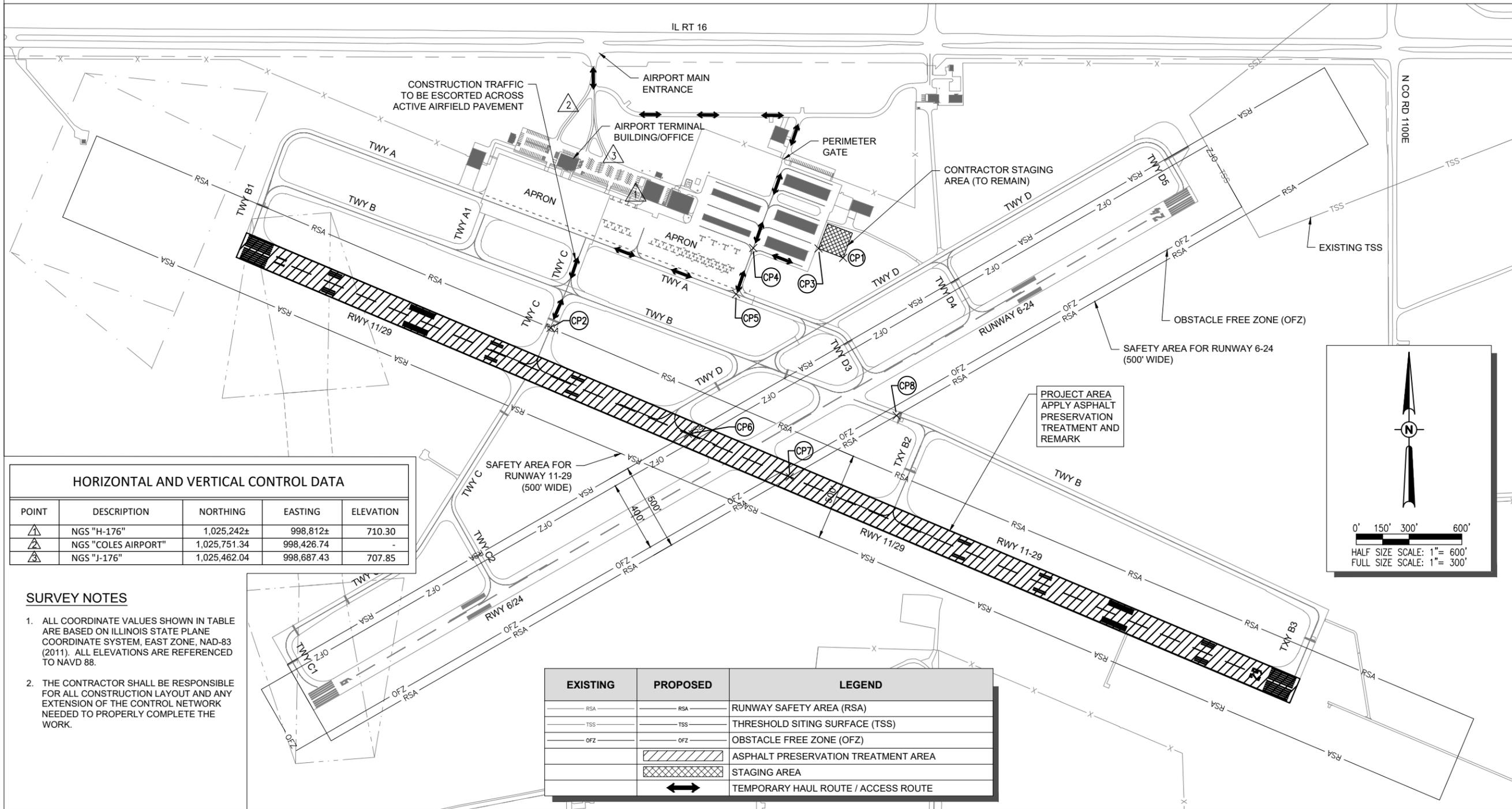
CONTROL POINTS					
POINT #	DESCRIPTION	LATITUDE	LONGITUDE	GROUND (MSL)	HEIGHT (AGL)
1	CONST. EQUIP.	039° 28' 51.81"	-088° 16' 39.24"	703.00	25'
2	BARRICADE	039° 28' 47.89"	-088° 17' 00.47"	712.00	2'
3	CONST. EQUIP.	039° 28' 52.33"	-088° 16' 41.03"	705.00	25'
4	HAUL ROUTE	039° 28' 52.36"	-088° 16' 45.76"	706.00	25'
5	HAUL ROUTE	039° 28' 49.78"	-088° 16' 47.01"	709.00	25'
6	BARRICADE	039° 28' 41.95"	-088° 16' 50.51"	716.00	2'
7	BARRICADE	039° 28' 39.53"	-088° 16' 43.12"	717.00	2'
8	BARRICADE	039° 28' 42.97"	-088° 16' 35.38"	713.00	2'



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Illinois Licensed  
Professional Service Corporation  
#184-001084



HORIZONTAL AND VERTICAL CONTROL DATA				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
△	NGS "H-176"	1,025,242±	998,812±	710.30
△	NGS "COLES AIRPORT"	1,025,751.34	998,426.74	-
△	NGS "J-176"	1,025,462.04	998,687.43	707.85

**SURVEY NOTES**

- ALL COORDINATE VALUES SHOWN IN TABLE ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD-83 (2011). ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND ANY EXTENSION OF THE CONTROL NETWORK NEEDED TO PROPERLY COMPLETE THE WORK.

EXISTING	PROPOSED	LEGEND
		RUNWAY SAFETY AREA (RSA)
		THRESHOLD SITING SURFACE (TSS)
		OBSTACLE FREE ZONE (OFZ)
		ASPHALT PRESERVATION TREATMENT AREA
		STAGING AREA
		TEMPORARY HAUL ROUTE / ACCESS ROUTE

MAINTAIN RUNWAY 11-29:  
APPLY ASPHALT  
PRESERVATION  
TREATMENT AND REMARK

IDA PROJECT NO.  
MTO-4887  
SBG PROJECT NO.  
3-17-SBGP-171  
CONTRACT NO. CO069

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: MARCH 4, 2022  
PROJECT NO: 21A0091D  
CAD FILE: G-003-SFY.DWG  
LAYOUT BY: LDH 1/25/2022  
DRAWN BY: HLE 1/25/2022  
REVIEWED BY: LDH 2/4/2022  
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SHEET TITLE

SCOPE OF WORK  
PLAN

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**PHASE 1A NOTES**

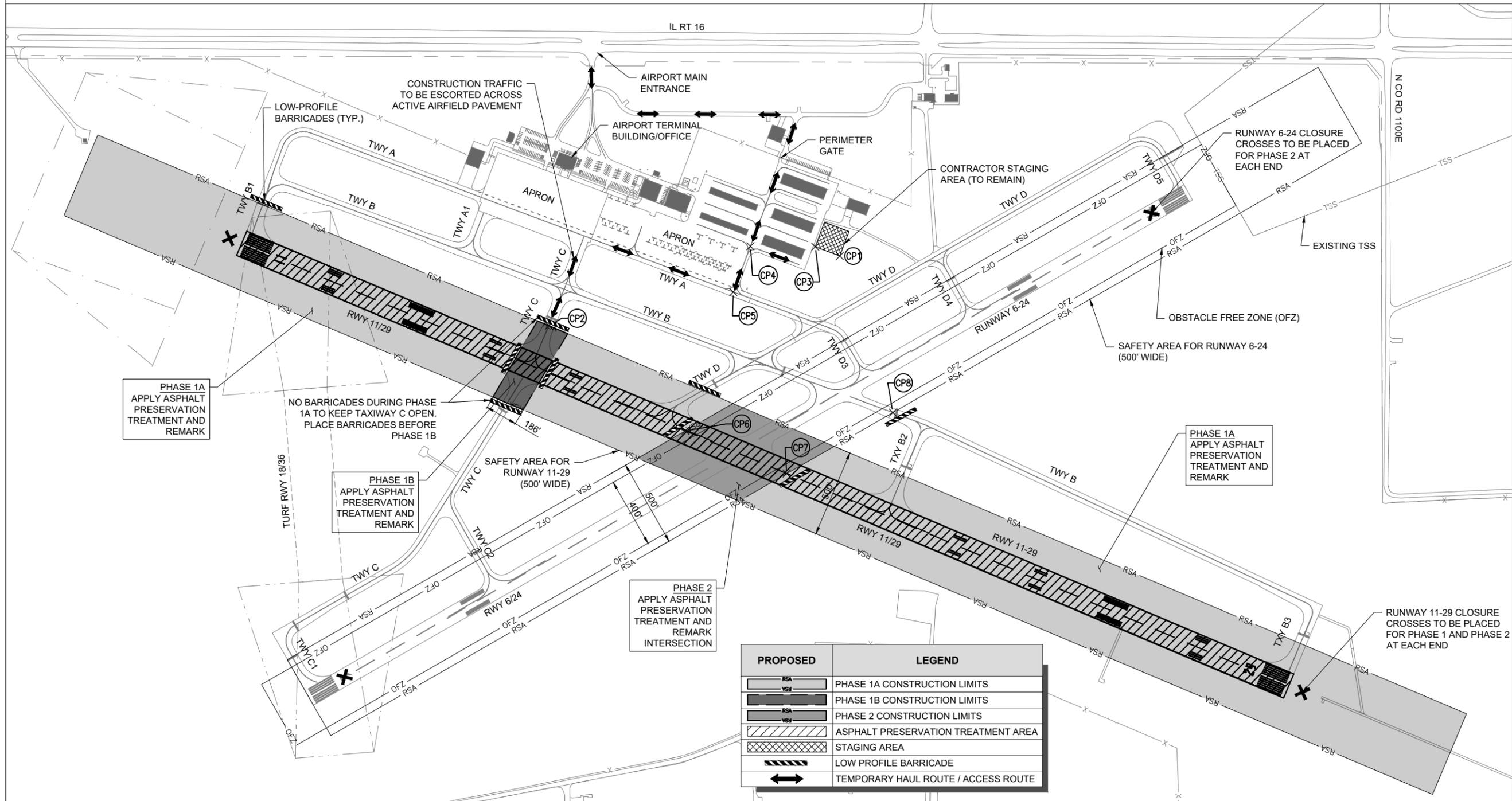
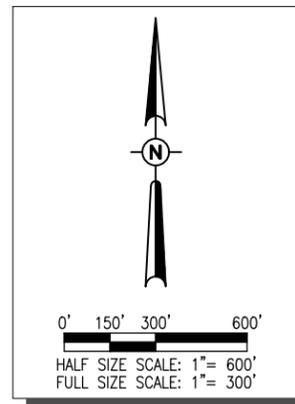
1. WORK TO BE COMPLETED DURING PHASE 1:  
- ASPHALT PRESERVATION TREATMENT AND REMARK RUNWAY 11-29 PAVEMENT.
2. RUNWAY 11-29, TAXIWAY B1, B2, AND B3 SHALL BE CLOSED DURING THIS SUB-PHASE.
3. RUNWAY 6-24 SHALL REMAIN OPEN.
4. TAXIWAY C ACCESS TO THE END OF RUNWAY 6 WILL BE MAINTAINED AS ABLE.

**PHASE 1B NOTES**

1. RUNWAY 11-29 AND TAXIWAY B1, B2, B3, AND C SHALL BE CLOSED DURING THIS SUB-PHASE.
2. RUNWAY 6-24 AND ALL OTHER TAXIWAYS SHALL REMAIN OPEN.

**PHASE 2 NOTES**

1. WORK TO BE COMPLETED DURING PHASE 2:  
- ASPHALT PRESERVATION TREATMENT AND REMARK INTERSECTION OF RUNWAY 6-24 AND RUNWAY 11-29.
2. RUNWAY 11-29 AND 6-24 WILL BE CLOSED WHEN WORK IS BEING COMPLETED IN THE RUNWAY INTERSECTION. TURF RUNWAY 18-36 WILL BE OPEN TO HELICOPTER AND AGRICULTURE OPERATIONS TRAFFIC.



PROPOSED	LEGEND
	PHASE 1A CONSTRUCTION LIMITS
	PHASE 1B CONSTRUCTION LIMITS
	PHASE 2 CONSTRUCTION LIMITS
	ASPHALT PRESERVATION TREATMENT AREA
	STAGING AREA
	LOW PROFILE BARRICADE
	TEMPORARY HAUL ROUTE / ACCESS ROUTE

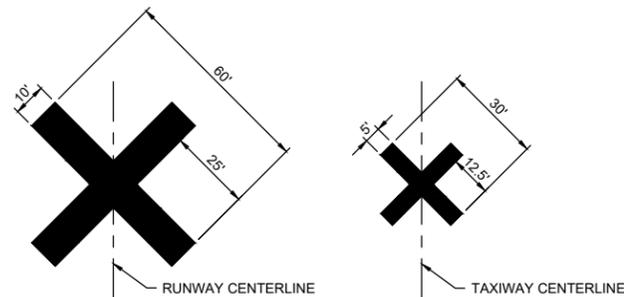
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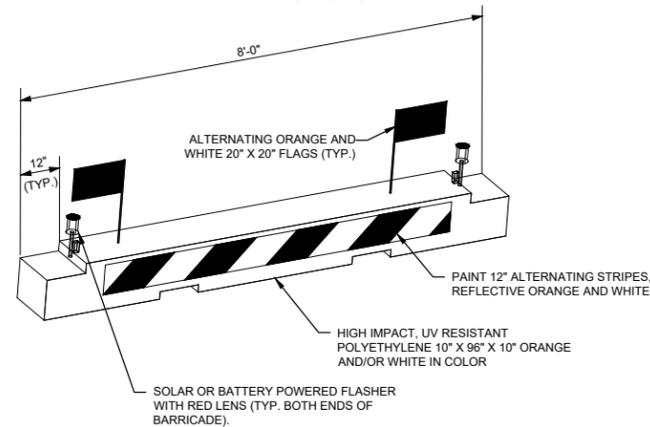
**CONSTRUCTION  
PHASING PLAN**



- TEMPORARY "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE "AVIATION YELLOW"
- TEMPORARY "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, DOUBLE-LAYERED SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
- TEMPORARY "CLOSED RUNWAY" MARKINGS SHALL BE PLACED OVER THE RUNWAY DESIGNATION NUMBERS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE INCLUDED AS AN INCIDENTAL COST TO THE CONTRACT, UNLESS OTHERWISE NOTED.

**TEMPORARY CLOSURE CROSS DETAIL**

NOT TO SCALE



**LOW PROFILE AIRCRAFT BARRICADE DETAIL**

**BARRICADE NOTES**

- 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.
- BARRICADES SHALL BE INTERLOCKED END TO END OVER THE LENGTH OF THE PAVEMENT WHERE PROTECTING OPEN RUNWAYS, AND SPACED END TO END A MAXIMUM OF 4 FEET IN OTHER ALL OTHER AREAS. BARRICADES ARE TO BE SET BACK FROM THE ACTIVE RUNWAY OR TAXIWAY CENTERLINE THE DISTANCE 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 AFTER SUNSET AND 1/2 HOUR BEFORE 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, RELOCATING AND REMOVING BARRICADES SHALL BE INCLUDED AS AN INCIDENTAL COST TO THE CONTRACT, UNLESS OTHERWISE NOTED.

**SAFETY NOTES**

- 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.
- PRIOR TO ACCESSING THE AIRFIELD, ANY DESIGNATED CONTRACTOR OR SUBCONTRACTOR EMPLOYEES WHO WILL BE OPERATING OR ESCORTING A VEHICLE ON AN ACTIVE AREA OF THE AIRFIELD MUST ATTEND A 1 HOUR AIRFIELD SAFETY TRAINING AND ORIENTATION PROVIDED BY THE AIRPORT. PRIOR TO THE TRAINING, THE EMPLOYEES MUST BE FAMILIAR WITH THE "FAA GUIDE TO GROUND VEHICLE OPERATIONS", AND KEEP A HARD COPY IN THE VEHICLE FOR REFERENCE. THE GUIDE CAN BE FOUND AT:  
[https://www.faa.gov/airports/runway\\_safety/media/Ground\\_Vehicle\\_Guide\\_Proof\\_Final.pdf](https://www.faa.gov/airports/runway_safety/media/Ground_Vehicle_Guide_Proof_Final.pdf)
- NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE AIRFIELD PAVEMENT AREA WITHOUT AN APPROPRIATE ESCORT. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON.
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE 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 500' OF ANY ACTIVE RUNWAY, WITHIN 93' 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.
- 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 WITHOUT THE APPROVAL OF THE AIRPORT MANAGER AND ADDITIONAL AIRSPACE APPROVAL BY THE FAA. AIRSPACE APPROVALS REQUIRE CONSIDERABLE LEAD TIME AND SHOULD BE REQUESTED WELL IN ADVANCE.
- 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 SWEEP, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- CONTRACTOR SHALL TAKE MEASURES TO AVOID TRACKING BITUMINOUS TACK COAT ASSOCIATED WITH PAVING PROJECTS ONTO ADJACENT PAVEMENT AREAS, ESPECIALLY GROOVED RUNWAY PAVEMENTS, UNLESS SUFFICIENT PROTECTION HAS BEEN APPLIED. HEAVY TRACKING OR DAMAGE TO ADJACENT PAVEMENTS AND GROOVED SURFACES MAY BE CAUSE FOR STOPPING THE WORK UNTIL ACCEPTABLE PROTECTION OR CHANGE IN WORK METHODS HAS BEEN PROVIDED.
- 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.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING MEASURES TO CONTROL OR AVOID CREATING ATTRACTANTS TO WILDLIFE. MEASURES MAY INCLUDE CONTINUOUSLY REMOVING ANY WASTE OR LOOSE MATERIALS, PLACEMENT OF MATERIALS IN APPROPRIATE STORAGE CONTAINERS, PROPERLY MAINTAINING FENCES AND GATES TO PREVENT ACCESS, AND PREVENTING PONDING OF WATER THROUGHOUT THE SITE.
- UNLESS SPECIFIED OTHERWISE, COST FOR SAFETY, STAGING, AND TRAFFIC MAINTENANCE ITEMS IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.
- THE CONTRACTOR SHALL HAVE THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), AS DETAILED IN THE SPECIAL PROVISIONS, SUBMITTED AND APPROVED PRIOR TO BEING ISSUED "NOTICE TO PROCEED".
- ALL RUNWAY/TAXIWAY CLOSURES SHALL BE COORDINATED WITH AIRPORT MANAGEMENT A MINIMUM OF 7 DAYS BEFORE THE DESIRED CLOSING TIME TO ALLOW FOR THE PROPER COORDINATION. AIRPORT MANAGEMENT HAS COMPLETE AUTHORITY IN DETERMINING WHEN THE RUNWAY/TAXIWAY MAY BE CLOSED.
- RUNWAY/TAXIWAY CLOSURE PROCEDURES:
  - CONTACT THE AIRPORT MANAGEMENT OR ASSIGNED REPRESENTATIVE A MINIMUM OF 7 DAYS BEFORE THE DESIRED CLOSING TIME..
  - ISSUANCE OF NOTAM AND DEACTIVATION OF THE APPLICABLE AIRFIELD LIGHTING AND NAVAIDS BY THE AIRPORT MANAGEMENT AND/OR FAA.
  - PLACEMENT OF CROSSES AND BARRICADES.
  - ONLY AT THE TIME THAT ALL OF THE ABOVE ARE COMPLETED MAY ANY CONSTRUCTION OPERATIONS BEGIN WITHIN THE RUNWAY/TAXIWAY AIR OPERATIONS AREA.
- RUNWAY/TAXIWAY RE-OPENING PROCEDURES:
  - ENSURE ALL PERSONNEL, EQUIPMENT AND MATERIALS ARE CLEAR OF THE AIR OPERATIONS AREA.
  - INSPECT THE AREA FOR LOOSE OR TRACKED DEBRIS, PAVEMENT DROP-OFFS, AND OPEN TRENCHES.
  - CONTACT AIRPORT MANAGEMENT OR REPRESENTATIVE FOR FINAL INSPECTION OF THE AREA.
  - REMOVE BARRICADES AND CROSSES.
  - ACTIVATION OF THE AIRFIELD LIGHTING AND NAVAIDS AND CANCELLATION OF THE NOTAM BY THE AIRPORT MANAGEMENT AND/OR FAA.

MAINTAIN RUNWAY 11-29:  
APPLY ASPHALT  
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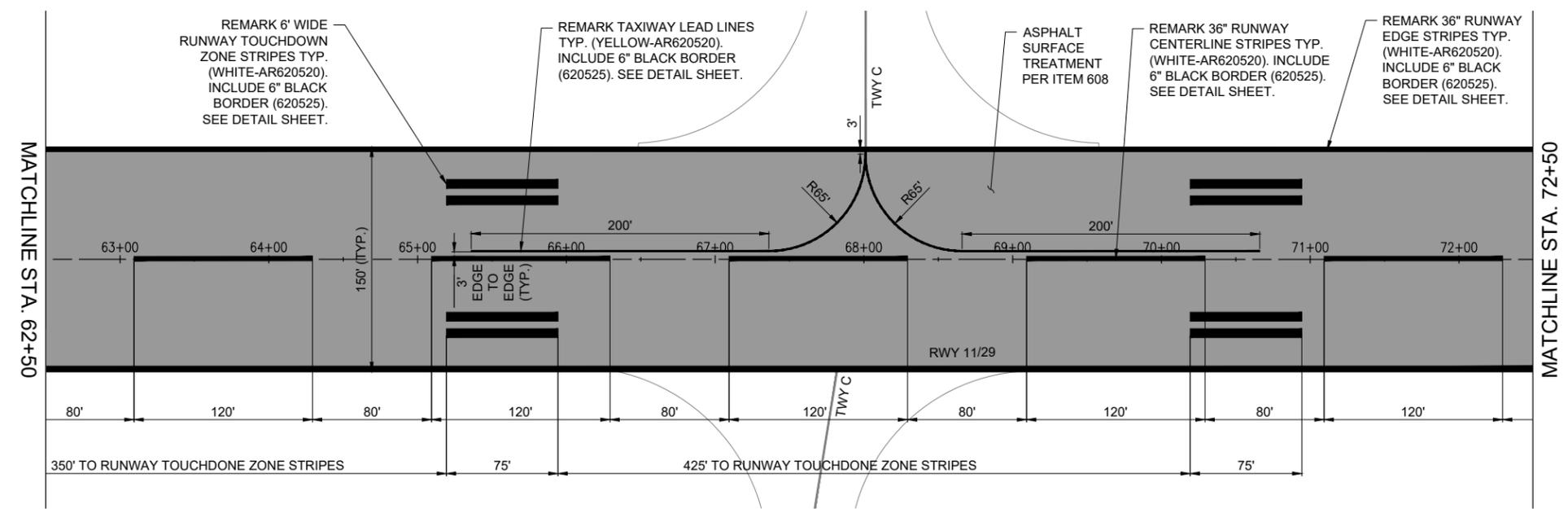
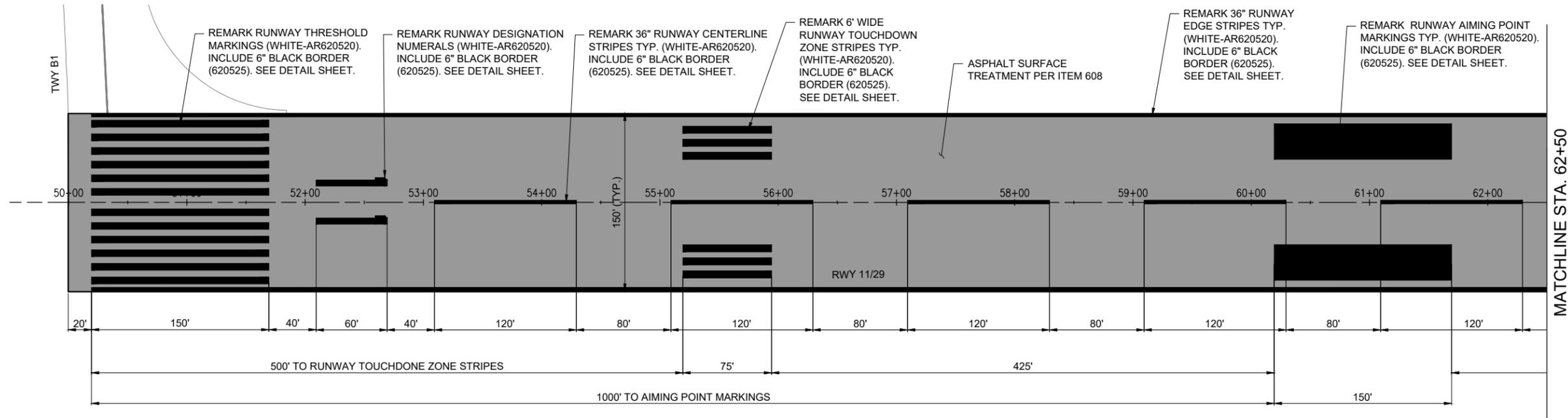
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SHEET TITLE

SAFETY NOTES AND  
DETAILS



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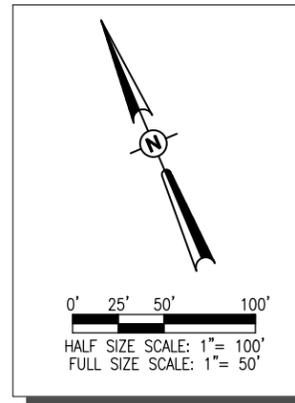
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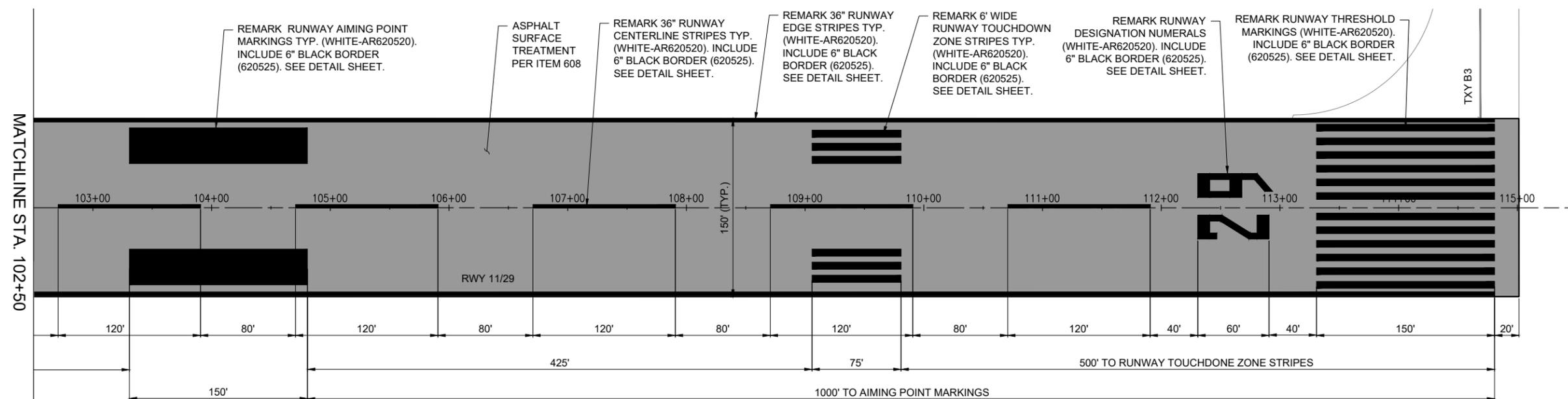
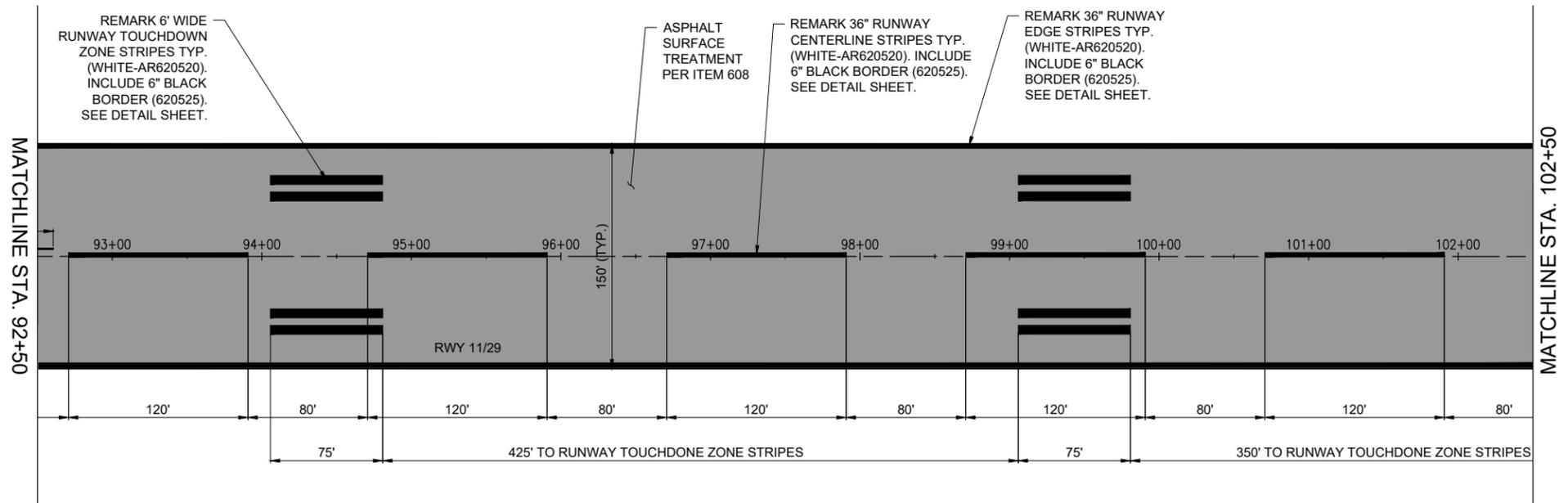
- CONSTRUCTION NOTES**
1. THE EXISTING ASPHALT SURFACE TREATMENT, INCLUDING FRICTION TESTING, SHALL BE COMPLETED IN ACCORDANCE WITH ITEM 608 OF THE SPECIAL PROVISIONS.
  2. ALL PAVEMENT MARKING SHALL BE WATERBORNE AND COMPLETED IN ACCORDANCE WITH ITEM 620 OF THE SPECIAL PROVISIONS.
  3. ALL MARKING, EXCEPT BLACK BORDER, WILL BE APPLIED WITH REFLECTIVE MEDIA IN THE SECOND APPLICATION IN ACCORDANCE WITH THE SPECIFICATIONS.
  4. ALL PROPOSED MARKING ITEMS WILL BE PAID FOR AS FOLLOWS: AR620520 "PAVEMENT MARKING-WATERBORNE" \_\_\_\_\_ PER SQ. FT. AND AR620525 PAVEMENT MARKING - BLACK BORDER \_\_\_\_\_ PER SQ. FT.
  5. THE CONTRACTOR SHALL PROTECT, BY ANY MEANS NECESSARY, ALL ADJACENT BUILDINGS, CONCRETE PADS, LIGHT FIXTURES, ETC. TO PREVENT ACCIDENTAL OVERSPRAY WHEN APPLYING ASPHALT SURFACE TREATMENT. ANY OVERSPRAY ON ADJACENT OBJECTS SHALL BE CLEANED IMMEDIATELY.
  6. THE ASPHALT SURFACE TREATMENT WILL REQUIRE A 30 DAY CURE TIME BEFORE THE 2ND COAT OF PAVEMENT MARKING IS APPLIED. CONTRACT TIME WILL BE SUSPENDED OVER THAT PERIOD AFTER THE FIRST COAT HAS BEEN APPLIED AND THE FRICTION TESTING HAS BEEN COMPLETED.
  7. CUT-OFF SHEETS WILL BE REQUIRED TO ENSURE STRAIGHT ENDS OF PAVEMENT MARKINGS AND ASPHALT SURFACE TREATMENT LIMITS.
  8. LOCATIONS OF THE BITUMINOUS CRACKS TO BE CLEANED AND SEALED (AR201661) ARE NOT SHOWN AND WILL BE LAID OUT AND MEASURED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN UPON THE START OF CONSTRUCTION.

PROPOSED	LEGEND
	PAVEMENT MARKING (AR620520, AR620525)
	ASPHALT SURFACE TREATMENT (AR608510)



MARKING &  
CONSTRUCTION  
PLAN - RWY 11-29  
SHEET 1





MAINTAIN RUNWAY 11-29:  
APPLY ASPHALT  
PRESERVATION  
TREATMENT AND REMARK

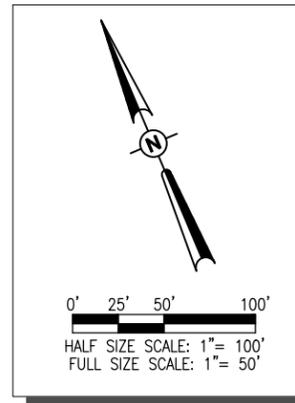
IDA PROJECT NO.  
MTO-4887  
SBG PROJECT NO.  
3-17-SBGP-171  
CONTRACT NO. CO069

NO.	DATE	DESCRIPTION		
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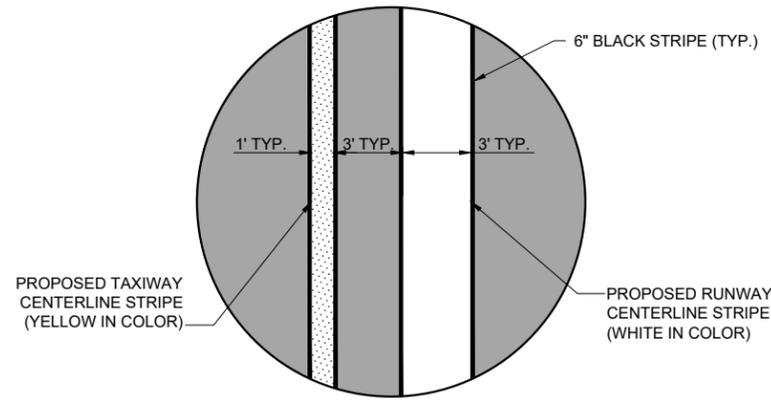
ISSUE: MARCH 4, 2022  
PROJECT NO: 21A0091D  
CAD FILE: C-101-CON.DWG  
LAYOUT BY: LDH 1/25/2022  
DRAWN BY: HLE 1/25/2022  
REVIEWED BY: LDH 2/4/2022  
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SHEET TITLE

- CONSTRUCTION NOTES**
1. THE EXISTING ASPHALT SURFACE TREATMENT, INCLUDING FRICTION TESTING, SHALL BE COMPLETED IN ACCORDANCE WITH ITEM 608 OF THE SPECIAL PROVISIONS.
  2. ALL PAVEMENT MARKING SHALL BE WATERBORNE AND COMPLETED IN ACCORDANCE WITH ITEM 620 OF THE SPECIAL PROVISIONS.
  3. ALL MARKING, EXCEPT BLACK BORDER, WILL BE APPLIED WITH REFLECTIVE MEDIA IN THE SECOND APPLICATION IN ACCORDANCE WITH THE SPECIFICATIONS.
  4. ALL PROPOSED MARKING ITEMS WILL BE PAID FOR AS FOLLOWS: AR620520 "PAVEMENT MARKING-WATERBORNE" \_\_\_\_\_ PER SQ. FT. AND AR620525 PAVEMENT MARKING - BLACK BORDER \_\_\_\_\_ PER SQ. FT.
  5. THE CONTRACTOR SHALL PROTECT, BY ANY MEANS NECESSARY, ALL ADJACENT BUILDINGS, CONCRETE PADS, LIGHT FIXTURES, ETC. TO PREVENT ACCIDENTAL OVERSPRAY WHEN APPLYING ASPHALT SURFACE TREATMENT. ANY OVERSPRAY ON ADJACENT OBJECTS SHALL BE CLEANED IMMEDIATELY.
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  7. CUT-OFF SHEETS WILL BE REQUIRED TO ENSURE STRAIGHT ENDS OF PAVEMENT MARKINGS AND ASPHALT SURFACE TREATMENT LIMITS.
  8. LOCATIONS OF THE BITUMINOUS CRACKS TO BE CLEANED AND SEALED (AR201661) ARE NOT SHOWN AND WILL BE LAID OUT AND MEASURED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN UPON THE START OF CONSTRUCTION.

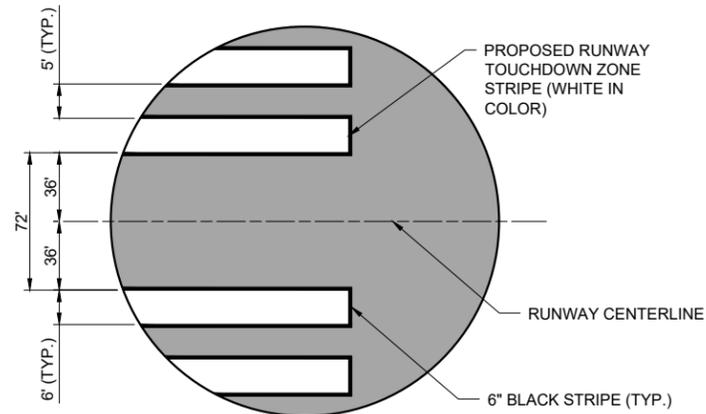
PROPOSED	LEGEND
	PAVEMENT MARKING (AR620520, AR620525)
	ASPHALT SURFACE TREATMENT (AR608510)



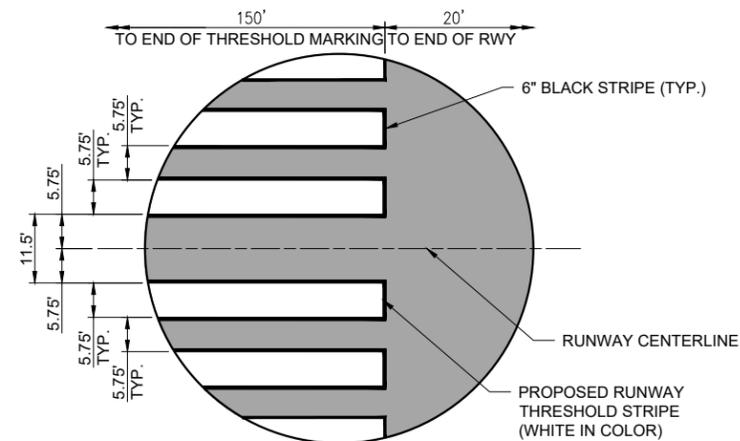
**MARKING &  
CONSTRUCTION  
PLAN - RWY 11-29  
SHEET 3**



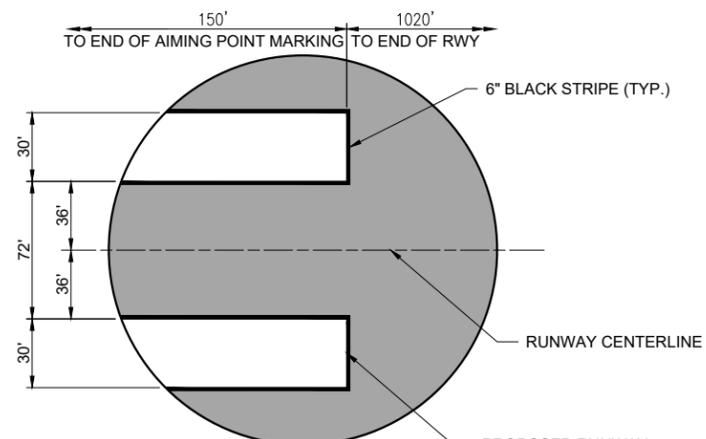
**TAXIWAY CENTERLINE LEAD-IN DETAIL**  
"NOT TO SCALE"



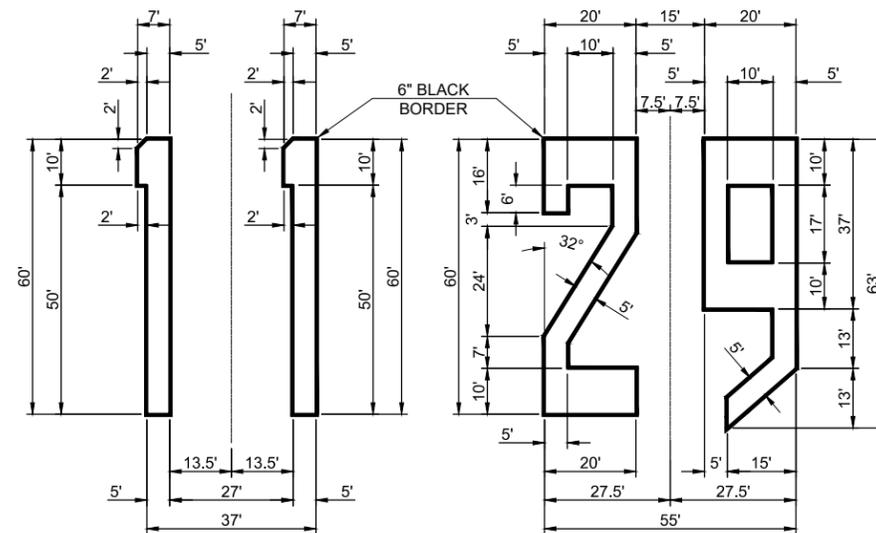
**TOUCHDOWN ZONE STRIPE DETAIL**  
"NOT TO SCALE"



**THRESHOLD STRIPE DETAIL**  
"NOT TO SCALE"



**AIMING POINT DETAIL**  
"NOT TO SCALE"



**NUMERAL 11**  
"NOT TO SCALE"

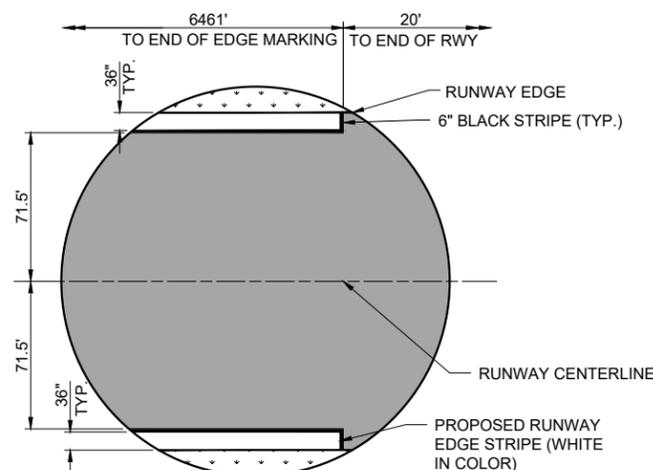
**NUMERAL 29**  
"NOT TO SCALE"

**RUNWAY NUMERAL DIMENSIONING NOTES:**

- NUMERALS EXCEPT FOR THE NUMERAL ELEVEN (AS SHOWN) ARE HORIZONTALLY SPACED 15 FEET APART.
- ALL DIMENSIONS ARE EXPRESSED IN INCREMENTS OF FEET.
- DOUBLE DIGIT NUMERAL DESIGNATIONS ARE CENTERED ON THE RUNWAY PAVEMENT CENTERLINE BASED ON THE CENTER OF THE OUTER EDGES OF THE TWO NUMERALS.
- CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

**RUNWAY EDGE STRIPE DETAIL NOTE:**

- AT TAXIWAY OR RUNWAY INTERSECTIONS (PAVEMENT ON BOTH SIDES OF THE RUNWAY EDGE), THERE WILL BE 6" BLACK BORDER ON THE INTERIOR AND EXTERIOR SIDES OF THE EDGE STRIPE.
- AT FREE PAVEMENT EDGE, THERE WILL BE 6" BLACK BORDER ONLY ON INTERIOR SIDE OF THE EDGE STRIPE.



**EDGE STRIPE DETAIL**  
"NOT TO SCALE"

MAINTAIN RUNWAY 11-29:  
APPLY ASPHALT  
PRESERVATION  
TREATMENT AND REMARK

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MARKING DETAILS