LETTING ITEM NO. 15A APRIL 25, 2025 LETTING

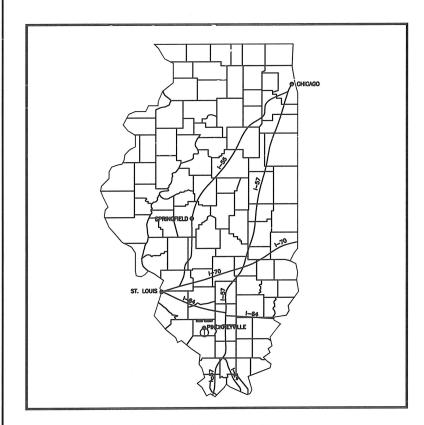
CONSTRUCTION PLANS

PL019 **TOTAL SHEETS: 12**

FOR

PINCKNEYVILLE-DU QUOIN AIRPORT

REHABILITATION OF RUNWAY 18/36 & TAXIWAY

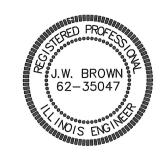


LOCATION MAP

DESIGN INFORMATION - CRITICAL AIRCRAFT = BEECH KING AIR B100 100% SUBMITTAL FEBRUARY 28, 2025

ILLINOIS PROJECT NUMBER: PJY-5115 SBG PROJECT NUMBER: 3-17-SBGP-TBD

> CITY OF PINCKNEYVILLE CITY OF DU QUOIN PERRY COUNTY, ILLINOIS



BROWN AND ROBERTS, INC. **CONSULTING ENGINEER**

- AIRCRAFT APPROACH CATEGORY (AAC) = B - AIRPLANE DESIGN GROUP (ADG) = I - TAXIWAY DESIGN GROUP (TDG) = IA

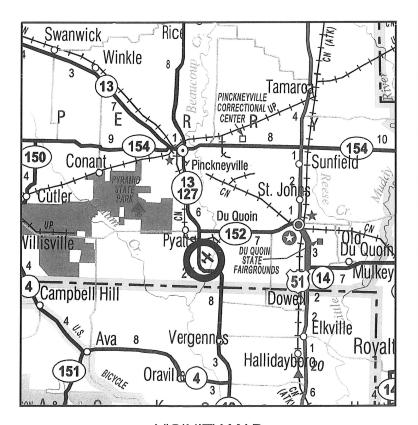
- DEPARTURE WEIGHT = 11,800 LBS.

LICENSE EXPIRATION DATE: NOVEMBER 30, 2025

PLANS PREPARED BY:



BROWN AND ROBERTS, INC. 1 WESTRIDGE ROAD HARRISBURG, IL. 62946 (618) 252-8111



VICINITY MAP

PINCKNEYVILLE-DU QUOIN AIRPORT

PINCKNEYVILLE-DU QU	OIN AIRPORT
IL PROJECT NO.	PJY-5115
SBG NO. 3-17-SE	GP-TBD
SUMMARY OF QU & INDEX OF SH	ANTITIES HEETS
SHEET 2 OF 12	PL019

	INDEX OF SHEETS		
SHEET	DESCRIPTION		
1	COVER SHEET		
2	SUMMARY OF QUANTITIES & INDEX OF SHEETS		
3	CONSTRUCTION SAFETY & PHASING PLAN (CSPP)		
4	TYPICAL SECTIONS		
5	TYPICAL DETAILS		
6	RUNWAY 18/36 PLAN VIEW		
7	TAXIWAY PLAN VIEW		
8	TAXIWAY INTERSECTION DETAIL		
9	PAVEMENT MARKING PLAN 1		
10	PAVEMENT MARKING PLAN 2		
11	PAVEMENT MARKING DETAILS		
12	PAVEMENT GROOVING PLAN & DETAILS		

	SUMMARY OF QUANTITIES		
ITEM	ITEM DESCRIPTION	LINIT	TOTAL
NUMBER	ITEM DESCRIPTION UNIT	QUANTITY	
AR150520	MOBILIZATION	LSUM	1
AR150540	HAUL ROUTE	LSUM	1
AR152480	SHOULDER ADJUSTMENT	SQ YD	4282
AR152511	SUBGRADE REPAIR	SQ YD	300
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	FOOT	20915
AR401614	BIT. SURF. CSE METHOD II, SUPERPAVE	TON	3544
AR401630	BITUMINOUS SURFACE TEST SECTION	EACH	1
AR401640	BITUMINOUS PAVEMENT GROOVING	SQ YD	17693
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	30714
AR401660	SAW & SEAL BIT. JOINTS	FOOT	135
AR603510	BITUMINOUS TACK COAT	GALLON	6450
AR620520	PAVEMENT MARKING - WATERBORNE	SQ FT	18794
AR620525	PAVEMENT MARKING - BLACK BORDER	SQ FT	5849
AR901510	SEEDING	ACRE	0.9
AR908510	MULCHING	ACRE	0.9

SCOPE OF WORK

THE PROJECT SCOPE CONSISTS OF THE RESURFACING OF RUNWAY 18/36 AND THE TAXIWAY ALONG WITH OTHER NECESSARY AND RELATED WORK.

PROPOSED SAFETY PLAN

GENERAL - THE PINCKNEYVILLE-DU QUOIN AIRPORT CURRENTLY HAS A PAVED NORTH-SOUTH RUNWAY (4000-FT BY 60-FT).

IT IS ANTICIPATED THAT RUNWAY 18/36 WILL REMAIN CLOSED FOR THE DURATION OF THIS PROJECT. ANY CONSTRUCTION ACTIVITIES WITHIN 125 FT OF THE & WILL REQUIRE CLOSURE OF THE RUNWAY.

THE CONTRACTOR SHALL SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) CONFIRMING COMPLIANCE WITH THE CONSTRUCTION SAFETY & PHASING PLAN (CSPP) PRIOR TO THE ISSUANCE OF THE NOTICE TO PROCEED AS SPECIFIED IN FAA AC 150/5370-2G.

TAXIWAY / TAXILANE CLOSURES

NO CONTRACTOR EQUIPMENT OR PERSONNEL WILL BE ALLOWED WITHIN 66' OF AN ACTIVE TAXIWAY CENTERLINE OR 58' OF AN ACTIVE TAXILANE CENTERLINE WITHOUT CLOSING THE TAXIWAY OR TAXILANE WITH THE USE OF PARRICADES

CONTRACTOR'S RESPONSIBILITIES

IDENTIFICATION — THE CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE PROPERLY MARKED WITH 3—FOOT SQUARE INTERNATIONAL ORANGE AND WHITE CHECKERED FLAGS ANYTIME THEY ARE ON AIRPORT PROPERTY.

THE CONTRACTOR AND HIS EMPLOYEES SHALL BE RESTRICTED TO THE WORK ARFA

EQUIPMENT PARKING AND STORAGE — THE CONTRACTOR'S EQUIPMENT PARKING, STORAGE, AND EMPLOYEE PARKING WILL BE AT THE LOCATION SHOWN ON THIS SHEET. ONLY CONTRACTOR VEHICLES AND EQUIPMENT REQUIRED FOR CONSTRUCTION WILL BE ALLOWED OUTSIDE THIS AREA.

CONTRACTOR'S RESPONSIBILITIES (CONTINUED)

BARRICADES AND TRAFFIC CONES — IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS REQUIRED AND AS DIRECTED BY THE RESIDENT ENGINEER. BARRICADES, THEIR MAINTENANCE, PLACEMENT, AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ADJACENT EXISTING PAVEMENTS CAUSED BY HIS PERSONNEL OR EQUIPMENT.

HAUL ROUTE AND EQUIPMENT PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND EQUIPMENT PARKING AREA SHOWN ON THIS SAFETY PLAN. THE PROPOSED EQUIPMENT PARKING AREA WILL BE ONE AREA APPROXIMATELY 150-FT BY 50-FT. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. AT THE CONCLUSION OF THE PROJECT, ALL AREAS DISTURBED WILL BE RESTORED AS NEEDED TO ITS ORIGINAL STATE RESTORATION OF THE HAUL ROUTE AND EQUIPMENT PARKING AREA WILL BE CONSIDERED PART OF THE HAUL ROUTE PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY NOTE

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND ORGANIZATIONS THAT HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR SHALL CALL JULIE (1–800–892–0123) TO ACCOMPLISH THESE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL NON–JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UTILITIES ARE TO BE LOCATED PRIOR TO THE START OF CONSTRUCTION.

AIRPORT SECURITY

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE PROPOSED HAUL ROUTE SHOWN ON THIS SAFETY PLAN IS THE ONLY ACCESS CONTRACTOR EQUIPMENT AND PERSONNEL WILL BE ALLOWED TO USE. THE CONTRACTOR SHALL PROVIDE BARRICADES AT THIS ACCESS AND ENSURE THE BARRICADES ARE IN PLACE AT THE END OF EACH WORKING DAY.

25' 10'
EXISTING RUNWAY Ç

YELLOW IN COLOR

DETAIL OF CROSS FOR CLOSED RUNWAY

"NOT TO SCALE"

J.U.L.I.E. INFORMATION

COUNTY.....PERRY
CITY......PINCKNEYVILLE
TWNSHP/RNG......6S/2W
SECTION NO......30
NEAREST MAJOR ROAD INTERSECTION...ILLINOIS ROUTE
13/127 AND ILLINOIS ROUTE 152
AIRPORT ADDRESS...PINCKNEYVILLE—DU QUOIN AIRPORT

1352 STATE ROUTE 13/127 DU QUOIN, IL 62274

NOTE:

THE COST OF CONSTRUCTING, PLACING, MAINTAINING, AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE RESIDENT ENGINEER. THE CROSSES WILL BE PLACED AT THE ENDS OF THE RUNWAY AND SECURED IN A MANNER APPROVED BY THE RESIDENT ENGINEER. THE PROPOSED CROSSES WILL BE PLACED WHEN THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES AT NO ADDITIONAL COST TO THE CONTRACT.

PINCKNEYVILLE-Du QUOIN AIRPORT

IL PROJECT NO. PJY-5115

SBG NO. 3-17-SBGP-TBD

CONSTRUCTION SAFETY

& PHASING PLAN (CSPP)

SHEET 3 OF 12

RUNWAY CLOSURE PROCEDURES:

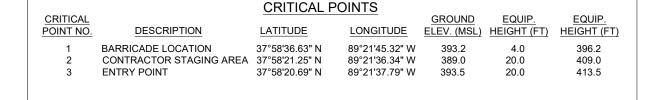
- * CONTACT THE AIRPORT MANAGER OR HIS ASSIGNED REPRESENTATIVE.
- ISSUANCE OF NOTAM BY THE AIRPORT MANAGER OR HIS ASSIGNED REPRESENTATIVE.
- * PLACEMENT OF CROSSES (SEE DETAIL THIS SHEET)
- * PLACEMENT OF LIGHTED BÄRRICADES. ONLY AT THE TIME THAT ALL OF THE ABOVE ARE COMPLETED MAY ANY CONSTRUCTION OPERATIONS WITHIN 125-FT OF THE AFFECTED RUNWAY CENTERLINE AND WITHIN 600 FT OF THE RUNWAY END BEGIN.
- RUNWAY LIGHTS SHALL BE DISABLED

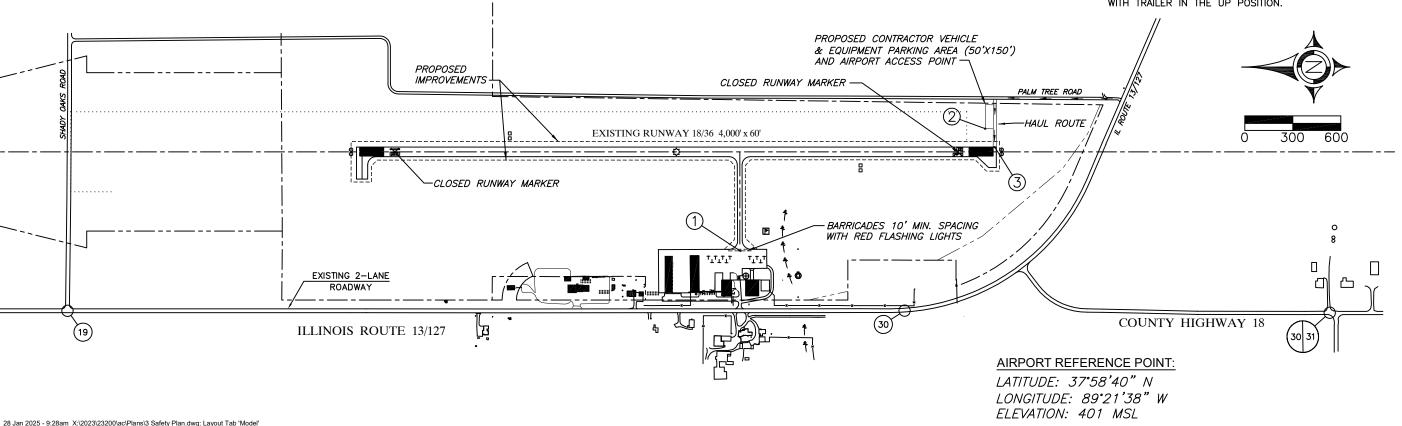
RUNWAY RE-OPENING PROCEDURES:

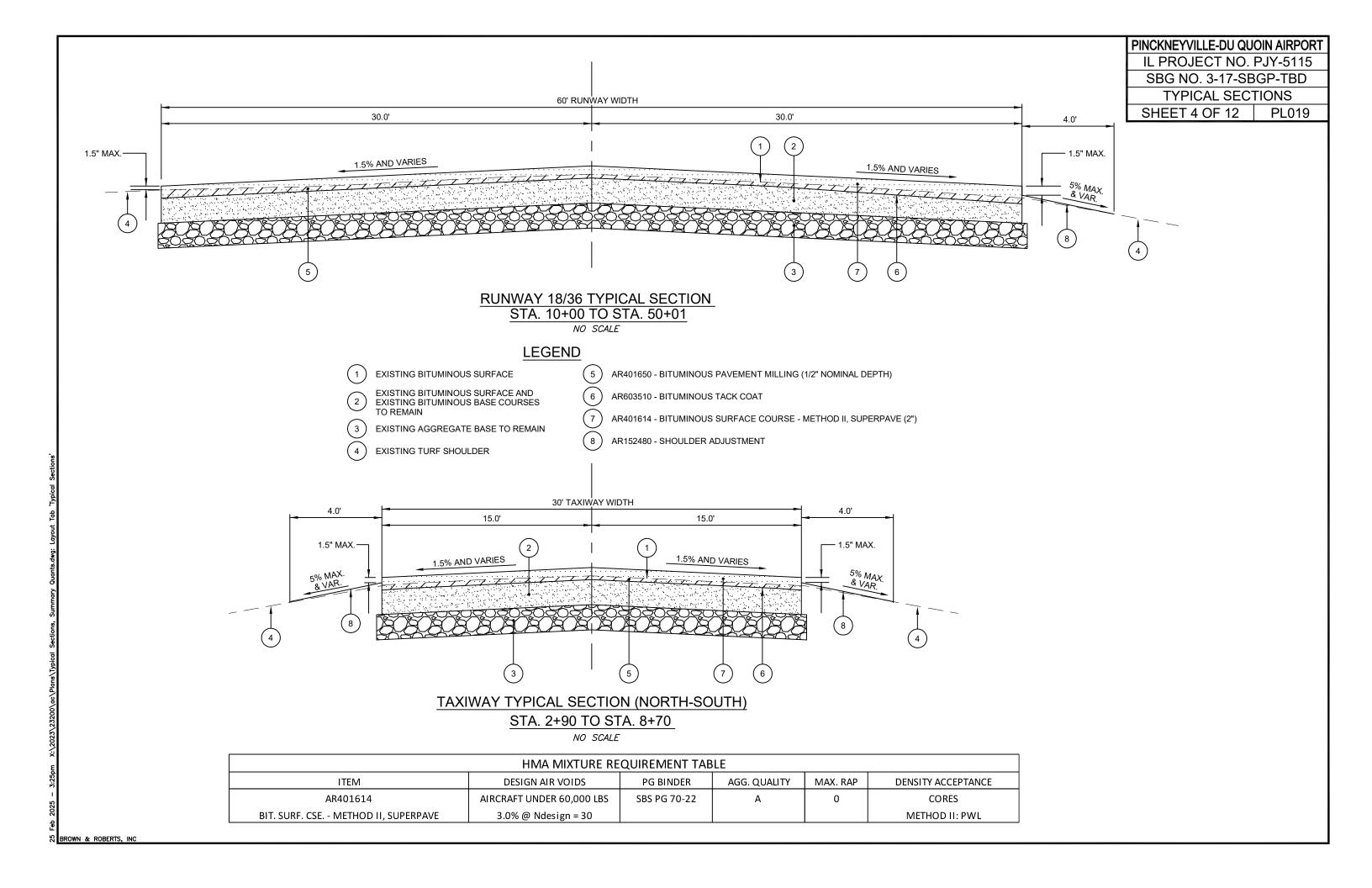
- * REMOVE CROSSES.
- REMOVE LIGHTED BARRICADES.
- * NOTIFY THE AIRPORT MANAGER OR HIS REPRESENTATIVE TO CANCEL THE NOTAM.
- * CANCELLATION OF THE NOTAM. A CLOSED RUNWAY WILL NOT BE RE-OPENED UNTIL ALL EQUIPMENT AND WORK ARE FURTHER THAN 200 FT. FROM THE AFFECTED RUNWAY CENTERLINE
- * RUNWAY LIGHTS SHALL BE REACTIVATED.

HEIGHT OF CONSTRUCTION EQUIPMENT

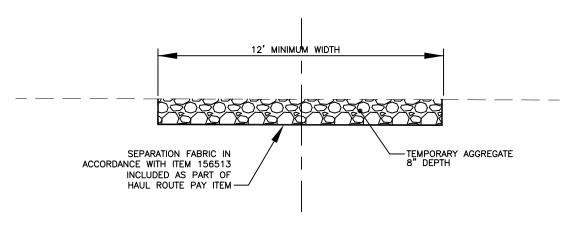
THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT IS 20 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRUCK WITH TRAILER IN THE UP POSITION.







PINCKNEYVILLE-DU QU		
IL PROJECT NO.	PJY-5115	
SBG NO. 3-17-SBGP-TBD		
TYPICAL DETAILS		
SHEET 5 OF 12	PL019	

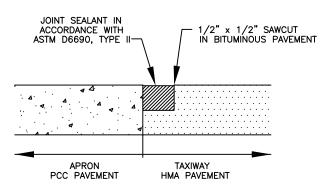


HAUL ROUTE TYPICAL SECTION

NO SCALE

HAUL ROUTE NOTES:

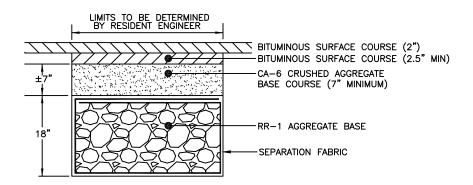
- 1. THE CONTRACTOR WILL FURNISH AND INSTALL ANY TEMPORARY CULVERTS NECESSARY TO MAINTAIN DRAINAGE THROUGHOUT THE HAUL ROUTE AND CONTRACTOR PARKING/STAGING AREA.
- 2. REMOVAL AND REPLACEMENT OF ANY EXISTING FENCING REQUIRED TO CONSTRUCT THE HAUL ROUTE AND CONTRACTOR PARKING/STAGING AREA SHALL BE CONSIDERED PART OF THE HAUL ROUTE PAY ITEM.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE HAUL ROUTE AND CONTRACTOR PARKING/STAGING AREA. THIS MAY INCLUDE TILLAGE OF ANY AFFECTED FARM GROUND, SEEDING AND MULCHING.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PERMITS REQUIRED FROM THE PERRY COUNTY HIGHWAY DEPARTMENT FOR THE USE OF PALM TREE ROAD TO ACCESS THE HAUL ROUTE FROM IL ROUTE 13/127.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF PALM TREE ROAD TO EXISTING CONDITION. THIS MAY REQUIRE ADDITIONAL AGGREGATE TO CORRECT ANY ROADWAY DEFICIENCIES.



NOTE: THE TAXIWAY/APRON JOINT SEALING SHALL BE PAID UNDER ITEM AR401660: SAW & SEAL BITUMINOUS JOINTS.

TAXIWAY / APRON JOINT DETAIL

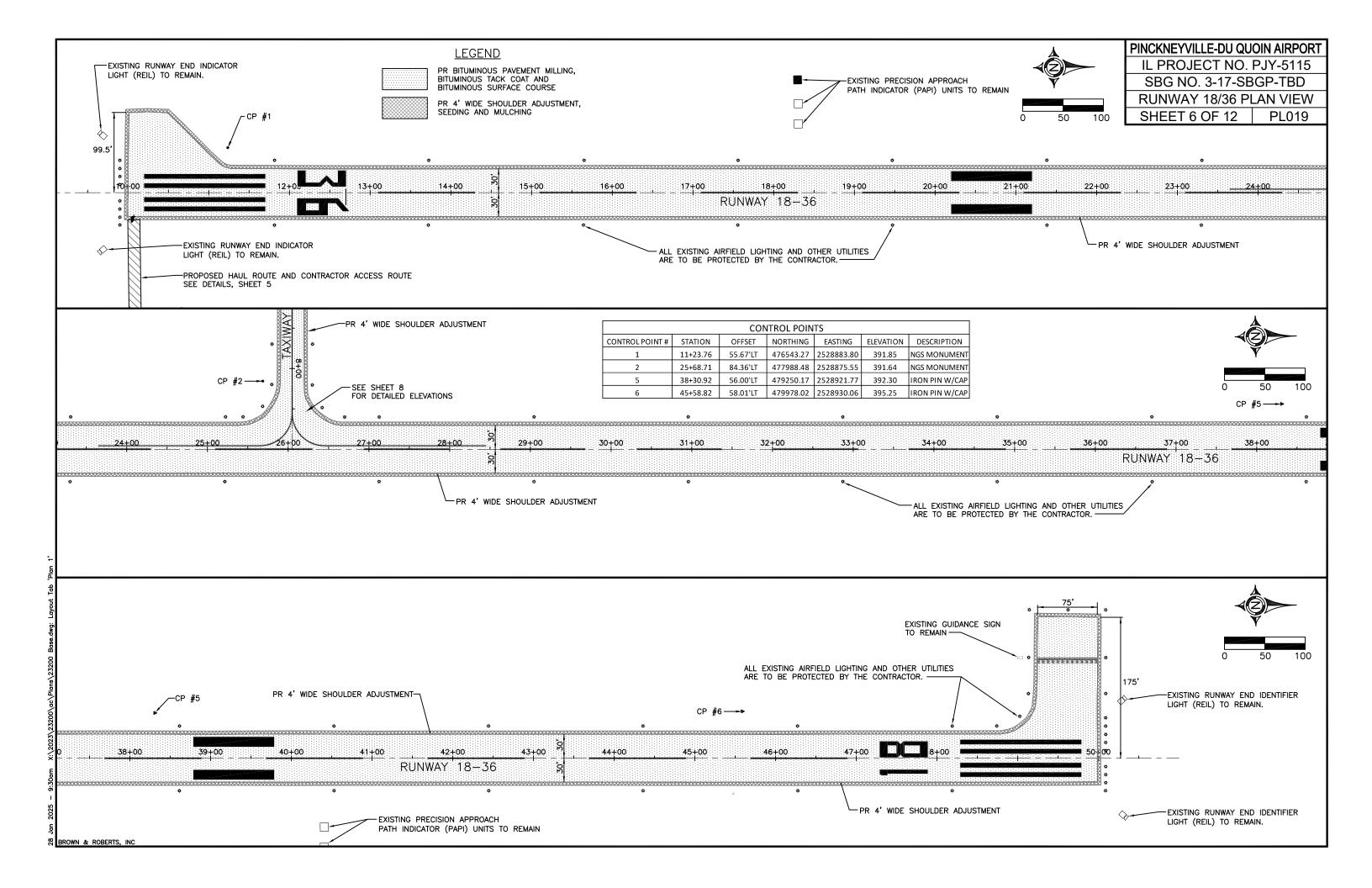
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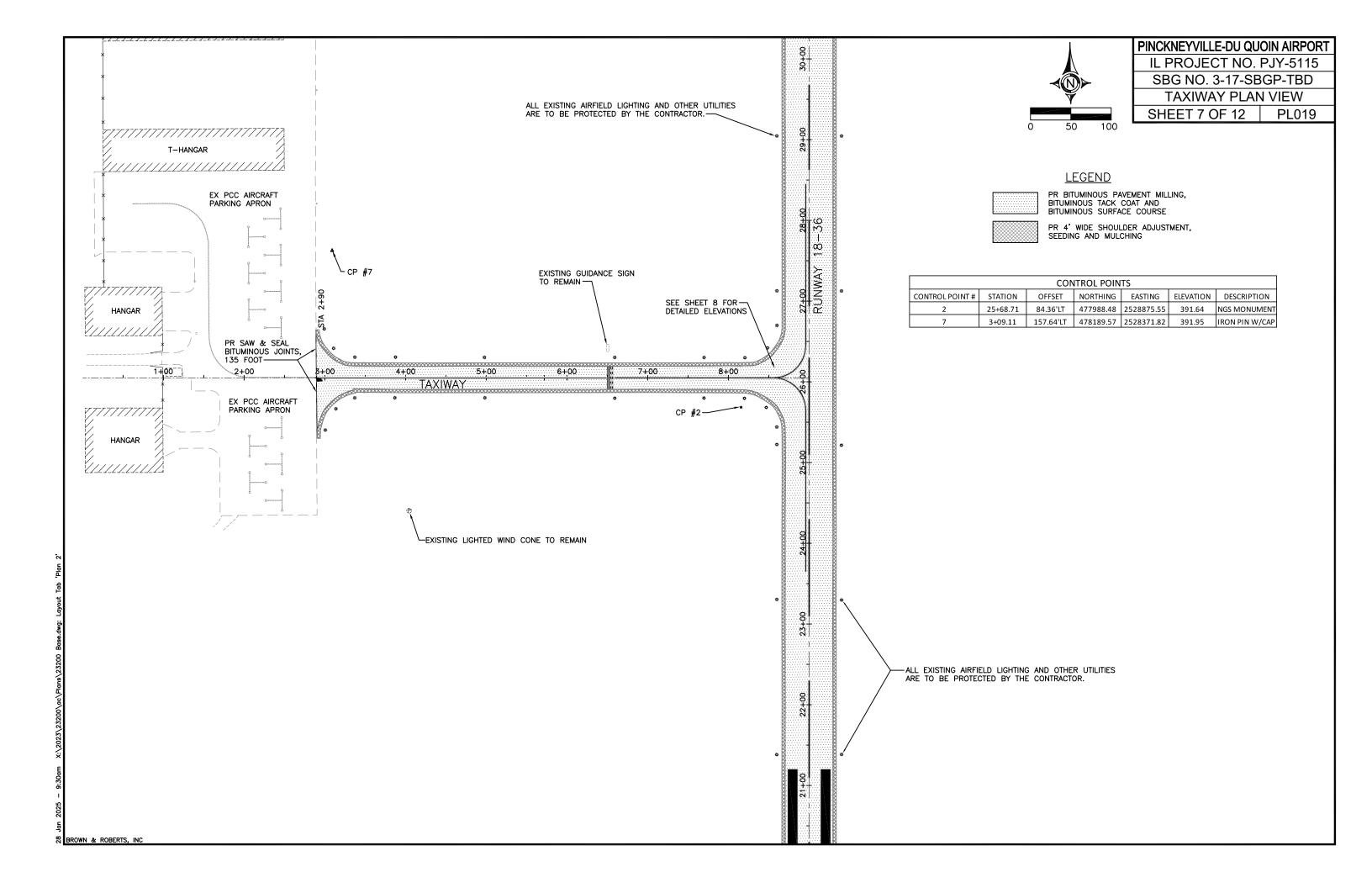


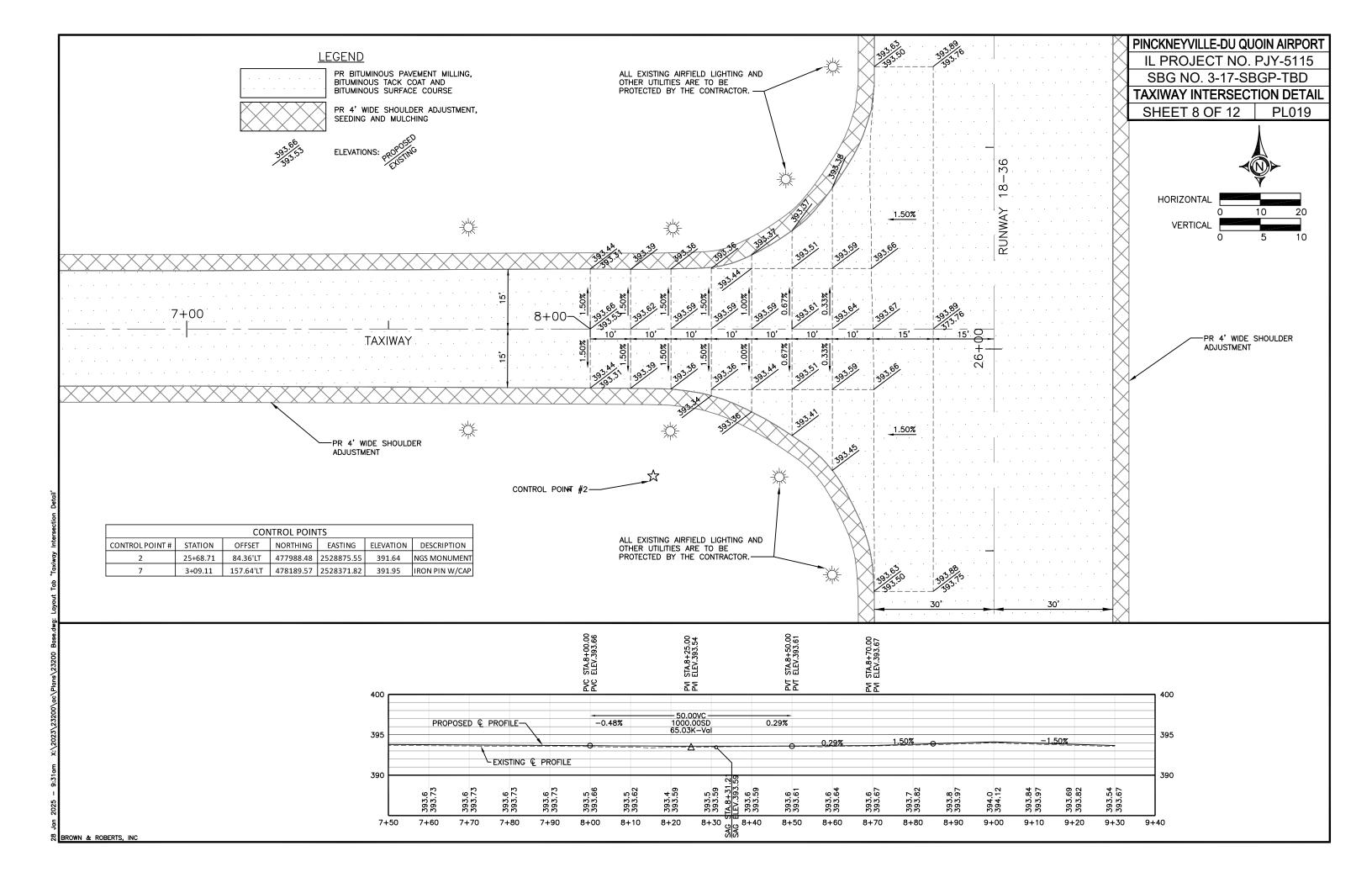
SUBGRADE REPAIR DETAIL

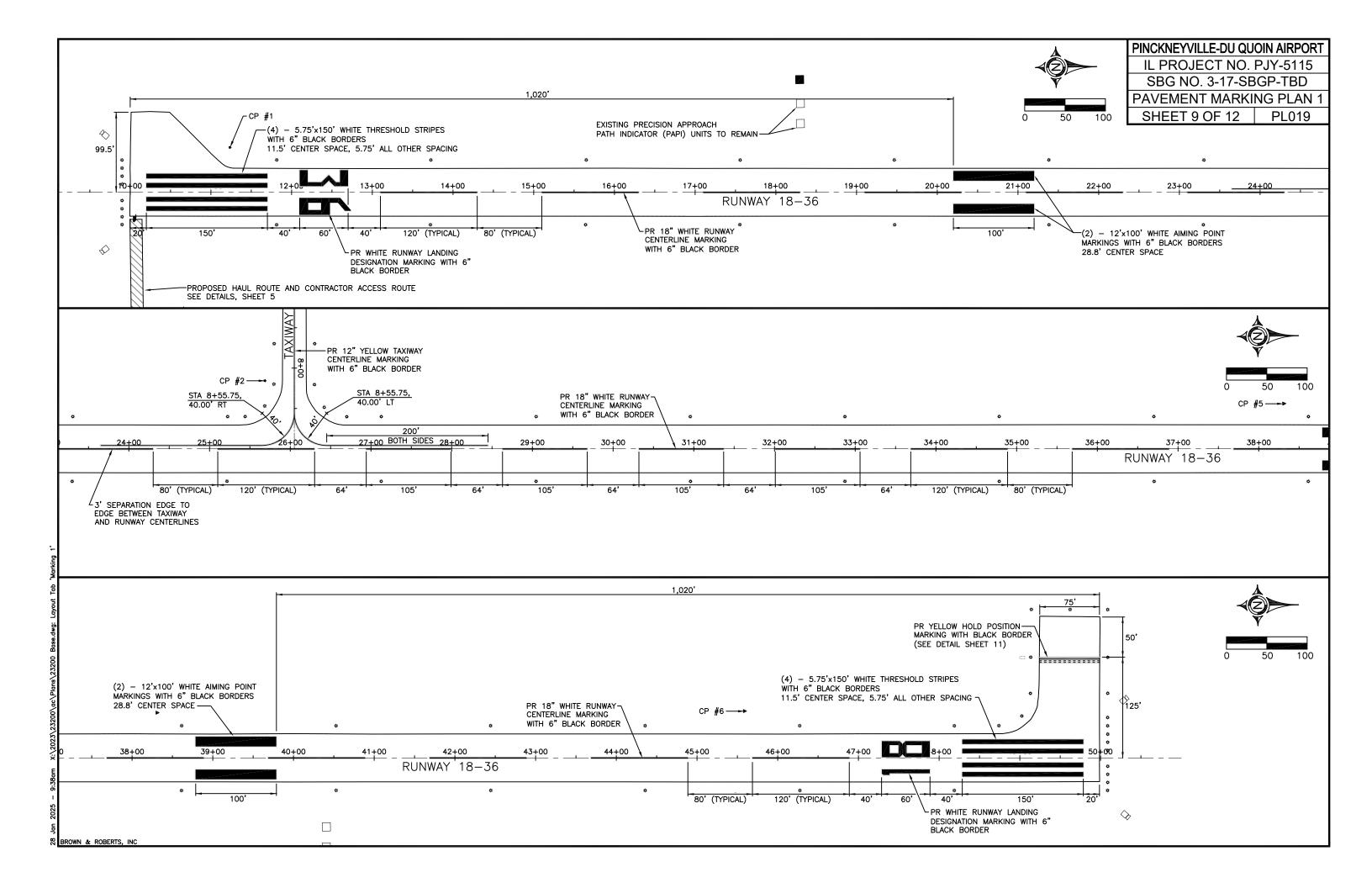
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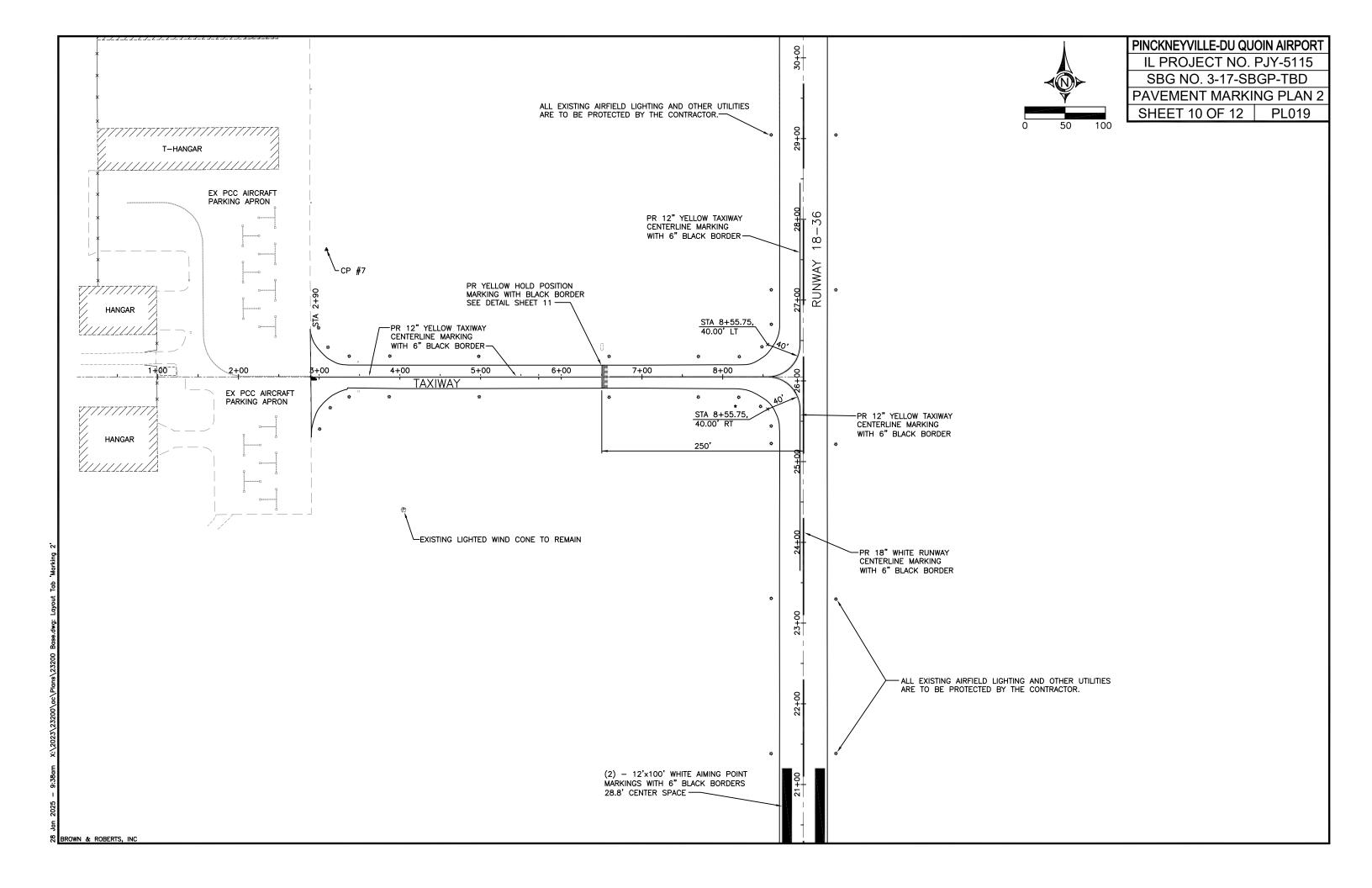
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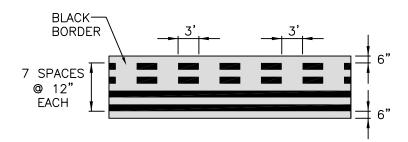






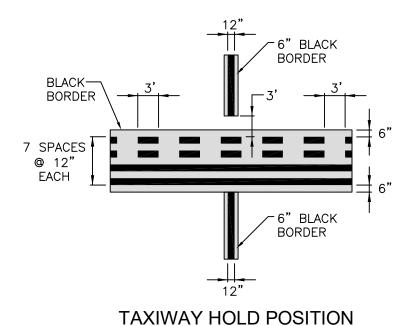


TAXIWAY CENTERLINE LEAD IN/LEAD OFF DETAIL NO SCALE



NORTH TURNAROUND HOLD POSITION MARKING DETAIL

NO SCALE



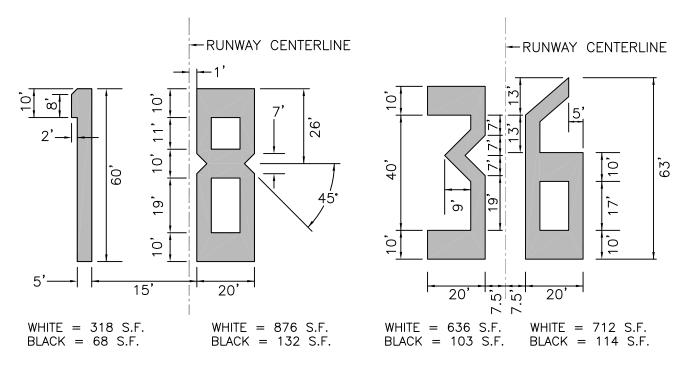
MARKING DETAIL

NO SCALE

PAVEMENT MARKING NOTES:

- ALL RUNWAY DESIGNATION NUMERALS TO HAVE 6" BLACK BORDERS.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-MARKING ANY EXISTING PAVEMENT MARKINGS DAMAGED BY CONSTRUCTION ACTIVITIES. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS WORK.
- 3. THE USE OF CUT OFF SHEETS TO ENSURE STRAIGHT EDGES WILL BE REQUIRED.
 4. ALL PAVEMENT MARKINGS SHALL RECEIVE TWO (2) APPLICATIONS.
- 5. BLACK BORDER PAVEMENT MARKING SHALL NOT RECEIVE REFLECTIVE MEDIA.
- 6. THE INITIAL COAT OF THE MARKINGS SHALL NOT INCLUDE REFLECTIVE MEDIA.

PINCKNEYVILLE-DU QUOIN AIRPORT IL PROJECT NO. PJY-5115 SBG NO. 3-17-SBGP-TBD PAVEMENT MARKING DETAILS SHEET 11 OF 12 | PL019



RUNWAY DESIGNATION NUMERALS

NO SCALE

PAVEMENT MARKING - WATERBORNE SCHEDULE			
DESCRIPTION	UNIT AREA	NO. REQ'D	TOTAL
	(SQ FT)		(SQ FT
NUMERAL 1	318	1	318
NUMERAL 8	876	1	876
NUMERAL 3	636	1	636
NUMERAL 6	712	1	712
THRESHOLD MARKING 5.75' X 150'	862.5	8	6900
AIMING POINT MARKING 12' X 100'	1200	4	4800
CENTERLINE STRIPE - 120' LONG x 18" WIDE	180	14	2520
CENTERLINE STRIPE - 105' LONG x 18" WIDE	157.5	4	630
	TOTAL WHITE		17392
HOLD POSITION - RUNWAY 18 TURNAROUND	228	1	228
HOLD POSITION - TAXIWAY	96	1	96
TAXIWAY CENTERLINE	1078	1	1078
	TOTAL YELLOW		1402
	•		

TOTAL WATERBORNE | 18794 |

PAVEMENT MARKING - BLACK BORDER SCHEDULE			
DESCRIPTION	UNIT AREA	NO. REQ'D	TOTAL
	(SQ FT)		(SQ FT)
NUMERAL 1 OUTLINE	68	1	68
NUMERAL 8 OUTLINE	132	1	132
NUMERAL 3 OUTLINE	103	1	103
NUMERAL 6 OUTLINE	114	1	114
THRESHOLD MARKING OUTLINE	156.8	8	1254
AIMING POINT MARKING OUTLINE	113	4	452
CENTERLINE STRIPE - 120' OUTLINE	122.5	14	1715
CENTERLINE STRIPE - 105' OUTLINE	107.5	4	430
HOLD POSITION - RUNWAY 18 TURNAROUND	370	1	370
HOLD POSITION - TAXIWAY	134	1	134
TAXIWAY CENTERLINE OUTLINE	1077	1	1077

TOTAL BLACK BORDER | 5849

ROWN & ROBERTS, INC

