TRI-CITIES AIRPORT (TRI)

AIRPORT MASTER PLAN

SUMMARY OF CHANGES

I. AIRSIDE

a. Realignment and extension of future Taxiway Bravo to meet runway separation standards per FAA AC 150/5300 13-B.
b. Removal of Runway 9-27.
c. Removal of existing Taxiway Bravo.
d. Addition of GA development areas.
e. Addition of MRO/Industrial/Commercial areas.
f. Addition of new Taxiway Alpha 1 from Taxiway Alpha to Wysong Enterprises.
g. Relocation of wind cone and segmented circle.
h.1,000 ft. future extension / Additional 1,000 ft. ultimate extension of Runway 5L-23R.
i. Proposed employee lot expansion.
j. Addition and extension of airport service road.
k. Addition of Taxiway Delta parallel to Runway 27 end.
l. Addition of 6,824 ft. parallel Runway 5R-23L and associated taxiway infrastructure.
m. Expansion of Air Cargo Logistics Center.
n. Addition of parallel Taxiway Charlie to Runways 5L-23R and 5R-23L.
o. Updated all pavement per Taxiway Design Standards, AC 150/5300-13B.
p. Addition of Taxiway Hotel perpendicular to Runway 23L end.
q. Addition of future Glide Slope Critical Area.
r. Addition of Taxiway Alpha 2 from Taxiway Alpha to Taxiway Bravo.
s. Extension of apron pavement to Taxiway Alpha.

II. LANDSIDE

t. Future property acquisition (to include TOFA/RPZ).
u. Realignment of Muddy Creek Road.
v. Realignment of perimeter fence outside new GA Development.
w. Addition of Non-Aeronautical area for development.
x. New ARFF facility (Index B).

LEGEND

DESCRIPTION	EXISTING	PROPOSED	ULTIMATE	DESCRIPTION	EXISTING	PROPOSED	ULTIMATE
RUNWAY IDENTIFIER	9-27	5R-23L	N/A	NON-AERONAUTICAL DEVELOPMENT	N/A		N/A
TAXIWAY IDENTIFIER	A	B	C	AERONAUTICAL DEVELOPMENT	N/A		N/A
AIRFIELD PAVEMENT	N/A			INELIGIBLE EXCESSIVE PAVEMENT[1]	N/A		N/A
DEMOLITION	N/A		N/A	RUNWAY MARKINGS			
AIRPORT BUILDING			N/A	ROADWAY/PARKING	N/A		
TAXIWAY/LANE CENTERLINE				NAVAID CRITICAL AREA			
FENCELINE	x	x	x	AIRPORT PROPERTY LINE	PL	FPL	N/A
PRECISION APPROACH PATH INDICATOR (PAPI)				DRAINAGE POND	N/A		N/A
APPROACH LIGHTING SYSTEM				LOCALIZER ANTENNA (LOC)			N/A
ILS HOLDING POSITION MARKING			N/A	TERMINAL EXPANSION	N/A		N/A
LIGHTED WIND CONE	N/A			GLIDESLOPE SHELTER			
SEGMENTED CIRCLE	N/A			COMPASS CALIBRATION PAD		N/A	N/A
RUNWAY PROTECTION ZONE (RPZ)	RPZ	RPZ	RPZ	LAND ACQUISITION	N/A		N/A
AWOS/AWOS CRITICAL AREA		N/A	N/A	SOLAR FARM/INFRASTRUCTURE	N/A		N/A

LEGEND NOTES:
1/ INELIGIBLE EXCESSIVE PAVEMENT PER TAXIWAY DESIGN STANDARDS, A/C 150/5300-13B.

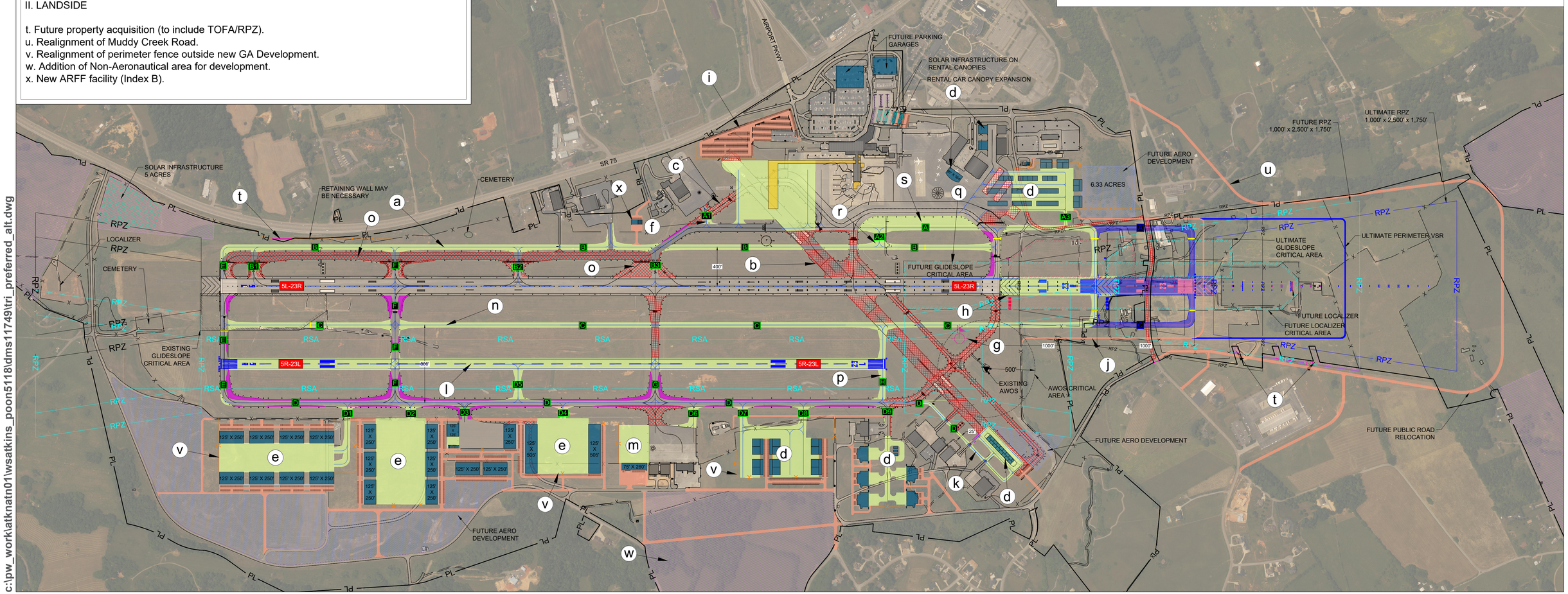

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EXHIBIT 1 - PREFERRED ALTERNATIVE

NOVEMBER 2024

0 500 1000 2000 Feet

SCALE = 1" : 500'

AtkinsRéalis