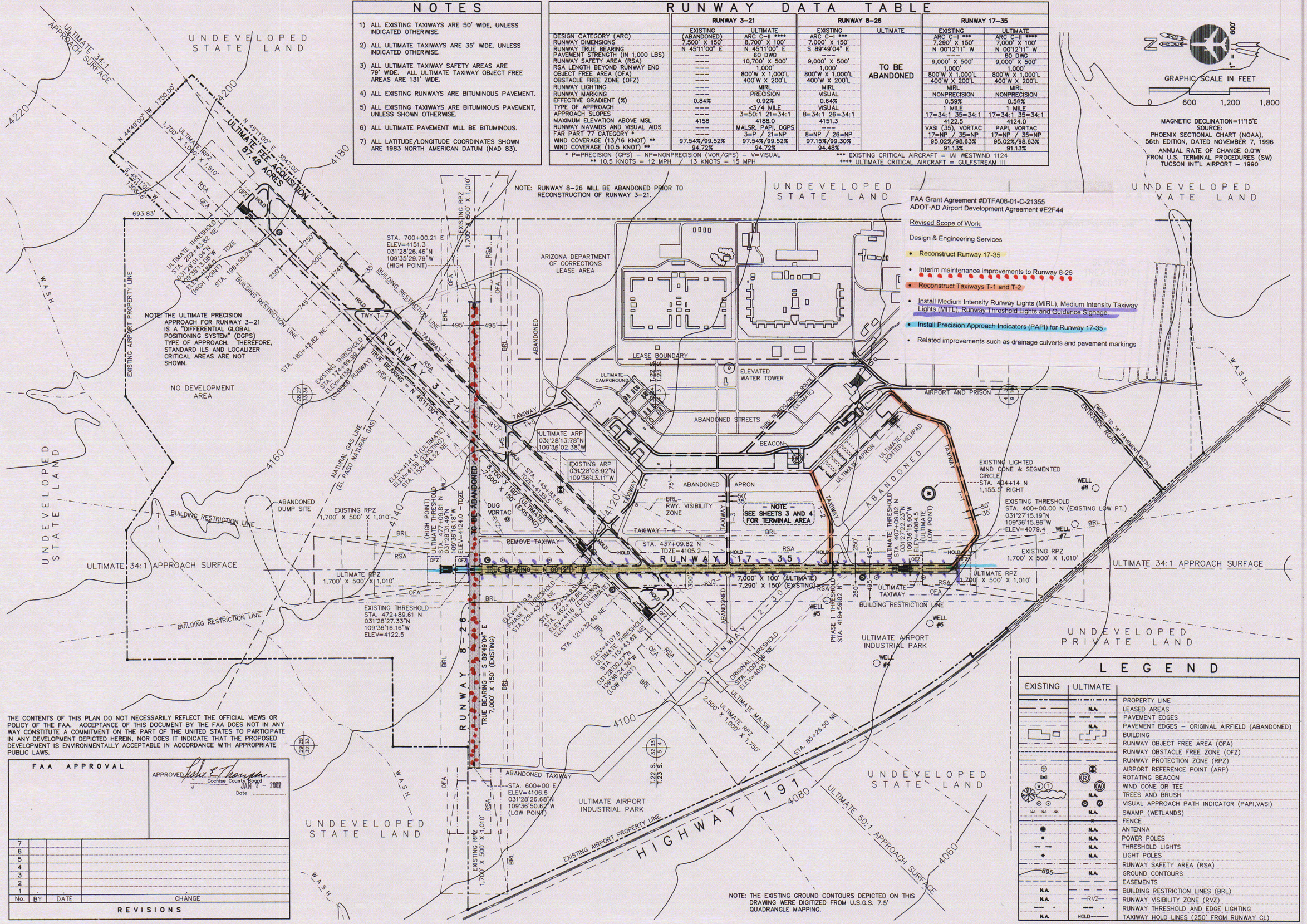
NOTES

1) ALL EXISTING TAXIWAYS ARE 50' WIDE, UNLESS INDICATED OTHERWISE.
2) ALL ULTIMATE TAXIWAYS ARE 35' WIDE, UNLESS INDICATED OTHERWISE.
3) ALL ULTIMATE TAXIWAY SAFETY AREAS ARE 79' WIDE. ALL ULTIMATE TAXIWAY OBJECT FREE AREAS ARE 131' WIDE.
4) ALL EXISTING RUNWAYS ARE BITUMINOUS PAVEMENT.
5) ALL EXISTING TAXIWAYS ARE BITUMINOUS PAVEMENT, UNLESS SHOWN OTHERWISE.
6) ALL ULTIMATE PAVEMENT WILL BE BITUMINOUS.
7) ALL LATITUDE/LONGITUDE COORDINATES SHOWN ARE 1983 NORTH AMERICAN DATUM (NAD 83).

RUNWAY DATA TABLE

	RUNWAY 3–21		RUNWAY 8–26		RUNWAY 17–35	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
DESIGN CATEGORY (ARC)	(ABANDONED)	ARC C–II ****	ARC C–I ***	TO BE ABANDONED	ARC C–I ***	ARC C–II ****
RUNWAY DIMENSIONS	7,500' X 150'	8,700' X 100'	7,000' X 150'		7,290' X 150'	7,000' X 100'
RUNWAY TRUE BEARING	N 45°11'00" E	N 45°11'00" E	S 89°49'04" E		N 00°12'11" W	N 00°12'11" W
PAVEMENT STRENGTH (IN 1,000 LBS)	---	60 DWG	---		---	60 DWG
RUNWAY SAFETY AREA (RSA)	---	10,700' X 500'	9,000' X 500'		9,000' X 500'	9,000' X 500'
RSA LENGTH BEYOND RUNWAY END	---	1,000'	1,000'		1,000'	1,000'
OBJECT FREE AREA (OFA)	---	800'W X 1,000'L	800'W X 1,000'L		800'W X 1,000'L	800'W X 1,000'L
OBSTACLE FREE ZONE (OFZ)	---	400'W X 200'L	400'W X 200'L		400'W X 200'L	400'W X 200'L
RUNWAY LIGHTING	---	MIRL	MIRL		MIRL	MIRL
RUNWAY MARKING	---	PRECISION	VISUAL		NONPRECISION	NONPRECISION
EFFECTIVE GRADIENT (%)	0.84%	0.92%	0.64%		0.59%	0.56%
TYPE OF APPROACH	---	<3/4 MILE	VISUAL		1 MILE	1 MILE
APPROACH SLOPES	---	3=50:1 21=34:1	8=34:1 26=34:1		17=34:1 35=34:1	17=34:1 35=34:1
MAXIMUM ELEVATION ABOVE MSL	4158	4188.0	4151.3		4122.5	4124.0
RUNWAY NAVAIDS AND VISUAL AIDS	---	MALSR, PAPI, DGPS	---		VASI (35), VORTAC	PAPI, VORTAC
FAR PART 77 CATEGORY *	---	3=P / 21=NP	8=NP / 26=NP		17=NP / 35=NP	17=NP / 35=NP
WIND COVERAGE (13/16 KNOT) **	97.54%/99.52%	97.54%/99.52%	97.15%/99.30%		95.02%/98.63%	95.02%/98.63%
WIND COVERAGE (10.5 KNOT) **	94.72%	94.72%	94.48%		91.13%	91.13%

* P=PRECISION (GPS) – NP=NONPRECISION (VOR/GPS) – V=VISUAL
** 10.5 KNOTS = 12 MPH / 13 KNOTS = 15 MPH
*** EXISTING CRITICAL AIRCRAFT = IAI WESTWIND 1124
**** ULTIMATE CRITICAL AIRCRAFT = GULFSTREAM III



FAA Grant Agreement #DTFA08-01-C-21355
ADOT-AD Airport Development Agreement #E2F44

Revised Scope of Work:

Design & Engineering Services

- Reconstruct Runway 17-35
- Interim maintenance improvements to Runway 8-26
- Reconstruct Taxiways T-1 and T-2
- Install Medium Intensity Runway Lights (MIRL), Medium Intensity Taxiway Lights (MITL), Runway Threshold Lights and Guidance Signage
- Install Precision Approach Indicators (PAPI) for Runway 17-35
- Related improvements such as drainage culverts and pavement markings

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS DOCUMENT 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.

FAA APPROVAL

APPROVED: Cochise County Board of Supervisors
Date: JAN 7 – 2002

No.	BY	DATE	CHANGE
7			
6			
5			
4			
3			
2			
1			

REVISIONS

NOTE: THE EXISTING GROUND CONTOURS DEPICTED ON THIS DRAWING WERE DIGITIZED FROM U.S.G.S. 7.5' QUADRANGLE MAPPING.

LEGEND

EXISTING	ULTIMATE	
		PROPERTY LINE
	N.A.	LEASED AREAS
		PAVEMENT EDGES
	N.A.	PAVEMENT EDGES – ORIGINAL AIRFIELD (ABANDONED)
		BUILDING
		RUNWAY OBJECT FREE AREA (OFA)
		RUNWAY OBSTACLE FREE ZONE (OFZ)
		RUNWAY PROTECTION ZONE (RPZ)
		AIRPORT REFERENCE POINT (ARP)
		ROTATING BEACON
		WIND CONE OR TEE
	N.A.	TREES AND BRUSH
		VISUAL APPROACH PATH INDICATOR (PAPI,VASI)
	N.A.	SWAMP (WETLANDS)
		FENCE
	N.A.	ANTENNA
	N.A.	POWER POLES
	N.A.	THRESHOLD LIGHTS
	N.A.	LIGHT POLES
		RUNWAY SAFETY AREA (RSA)
895	N.A.	GROUND CONTOURS
		EASEMENTS
N.A.		BUILDING RESTRICTION LINES (BRL)
N.A.	RVZ	RUNWAY VISIBILITY ZONE (RVZ)
		RUNWAY THRESHOLD AND EDGE LIGHTING
N.A.	HOLD	TAXIWAY HOLD LINES (250' FROM RUNWAY CL)

Drawn: 01/13/98
Checked: 01/13/98

SHEET 2 OF 10

AIRPORT LAYOUT DRAWING
Bisbee–Douglas International Airport
Douglas/Cochise County, Arizona

Prepared by:
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