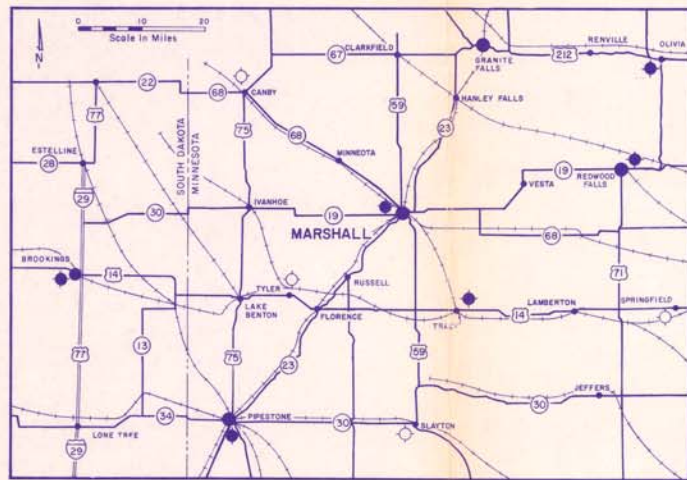
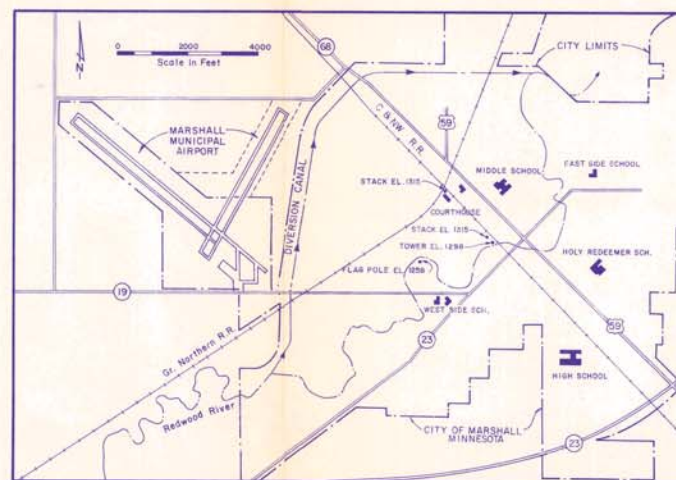


MARSHALL MUNICIPAL AIRPORT

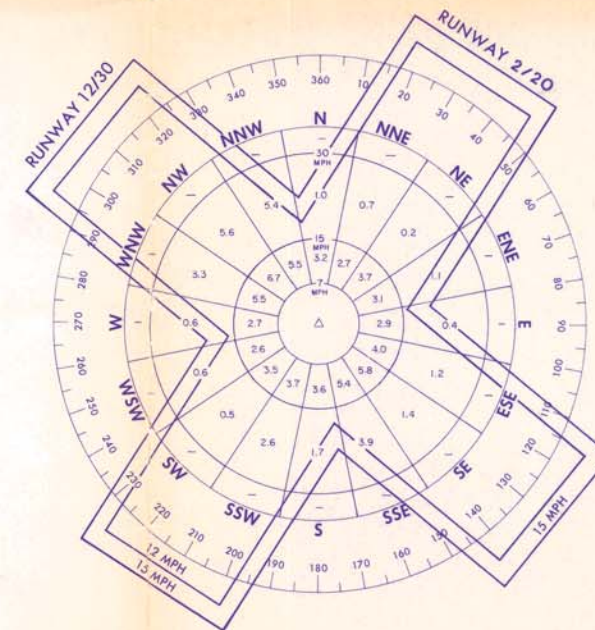


Location Map

- LEGEND
- ◊ Landing Strip
 - ◆ Paved Airport - Uncontrolled
 - ◊ Paved Airport - Controlled



Vicinity Map



All Weather Wind Rose
(% Distribution)

Source: U.S. Weather Bureau
Redwood Falls, Minn.
Period: 1954

Calms and 0-6 MPH: 5.4%

Coverage: Runway 2/20 @ 12 MPH: 63.6%

@ 15 MPH: 79.7%

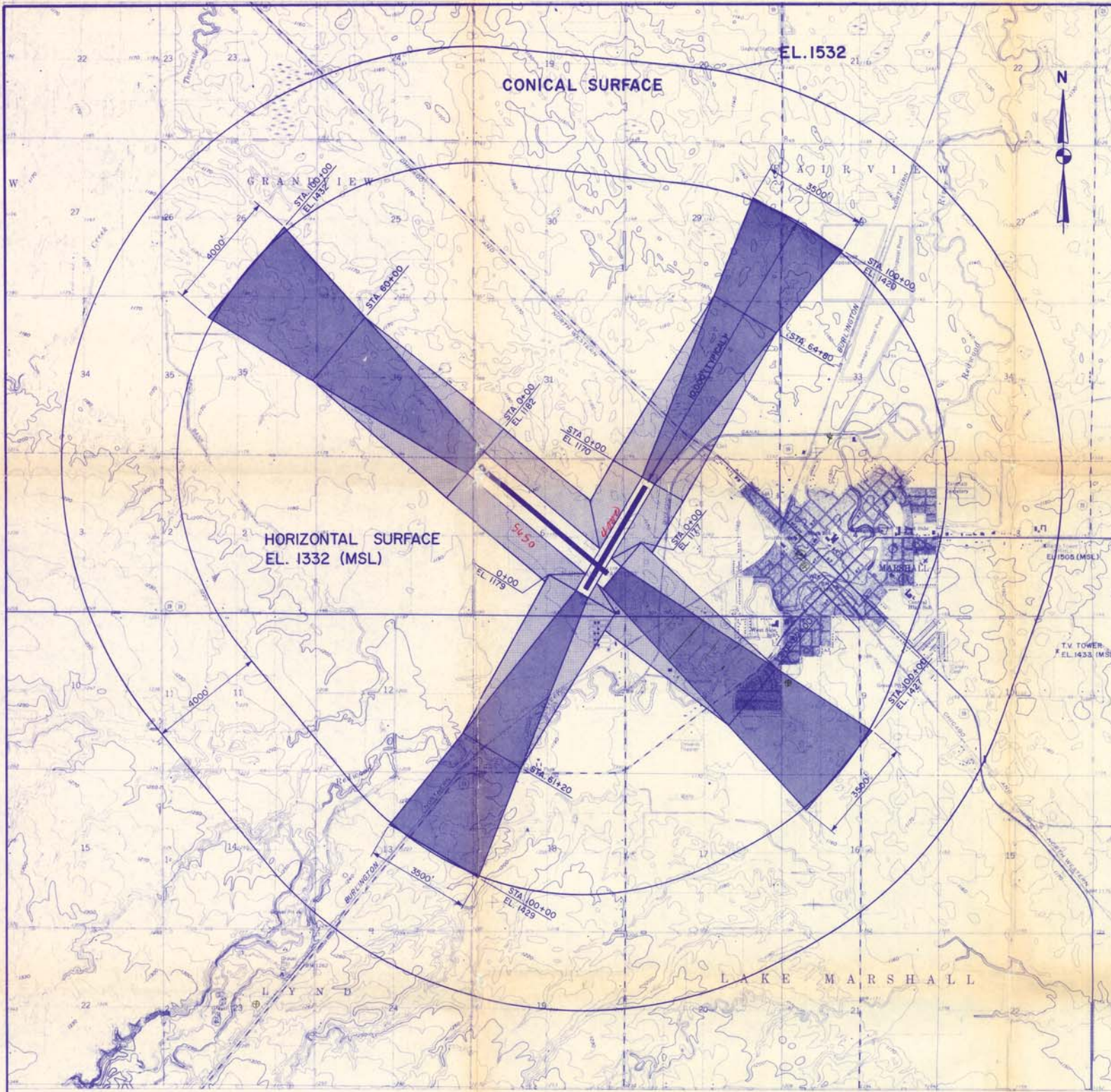
Runway 12/30 @ 12 MPH: 79.9%

@ 15 MPH: 90.2%

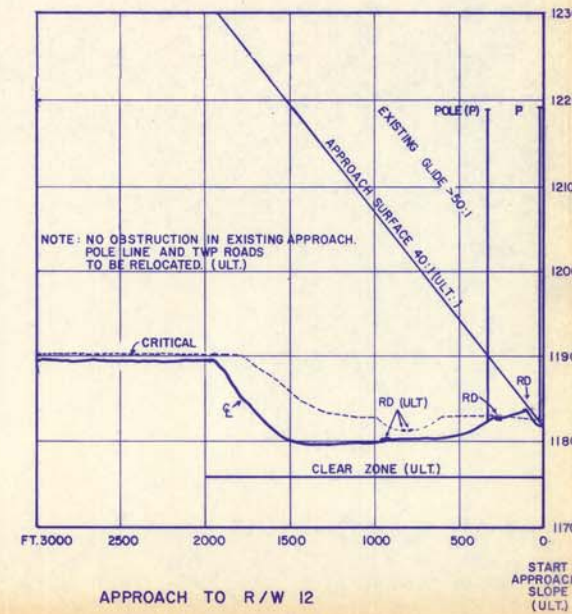
Runways 2/20 & 12/30 @ 12 MPH: 93.3%

@ 15 MPH: 97.2%

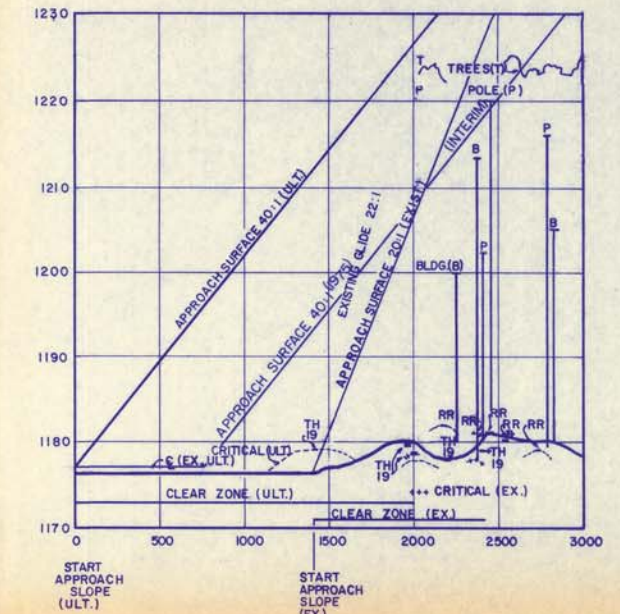
Airport Data Table			Index Of Drawings		Drawing No.	City Approval			CITY OF MARSHALL																				
Airport elevation (msl.)	Existing	Ultimate	1. Title Sheet	2. Airport Layout Plan 3. Approach & Clear Zone Plan & Profiles 4. Terminal Area Plan 5. Generalized Future Land Use (1993)	City Approval DUANE D. ADEN, CITY ENGINEER FEBRUARY 27, 1975 FAA Project No. A-27-0056-01	Marshall Municipal Airport MARSHALL, MINNESOTA Title Sheet			HOWARD, NEEDLES, TAMMEN & BERGENDOFF CONSULTING ENGINEERS HNTB																				
Airport reference point	Lat.	44°26'49"N	44°27'06"N										4-7-75 NO. 1 R.D.B.	DESIGNED BY: PETER T. MELIA DATE: 8-1-74 SCALE: AS SHOWN DATE: 8-26-74 DRAWN BY: U. JARMAN DATE: 8-26-74 SHEET NO.: 1 OF 5 TRACED BY: DATE: DRAWING NO.															
Mean maximum temperature of hottest month	Lng.	95°49'09"W	95°49'23"W																										
Airport and terminal NAVAIDS	85°F	Same	2.6			2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
Airport visual aids & weather facilities	TVOR	Add DME	5.5			5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9



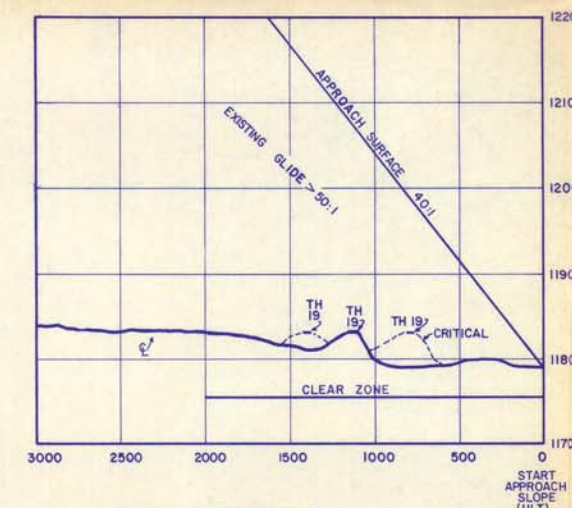
APPROACH & CLEAR ZONE PLAN



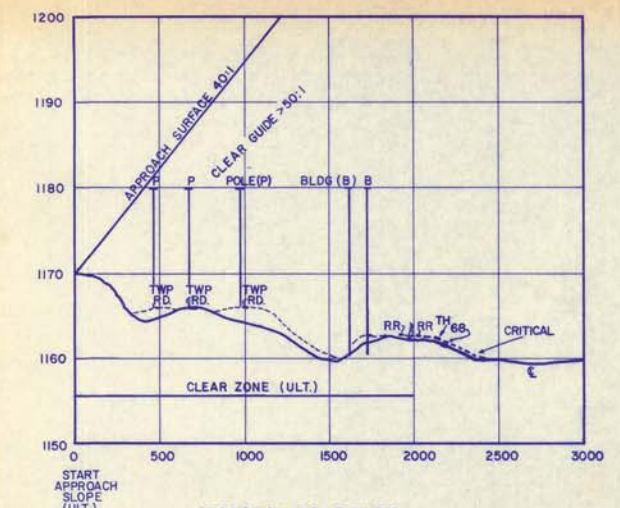
APPROACH TO R/W 12



APPROACH TO R/W 30



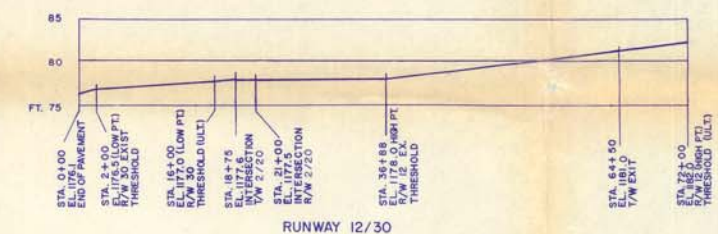
APPROACH TO R/W 2



APPROACH TO R/W 20

APPROACH & CLEAR ZONE PROFILES

SCALE AS PLOTTED

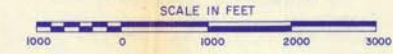


RUNWAY 12/30



RUNWAY 2/20

RUNWAY PROFILES



Note:
 All surfaces were investigated for obstructions in accordance with F.A.R. part 77. No obstructions were found, except as indicated, which are to be removed or lighted. Approach slopes in conformance with M.D.A.
 An elevations shown are mean sea level (msl).
 Base data U.S.G.S. quad sheet.

The preparation of this document was financed in part through an Airport Master Planning Grant from the DOT/FAA under the Planning Grant Program as provided in the Airport and Airway Development Act of 1970 and in part through a grant-in-aid from the Minnesota Department of Aeronautics.

4-7-76	NO. 1	R.D.B.
DATE	REVISIONS	BY
CITY APPROVAL		
<i>James E. Aden</i>		
DUANE D. ADEN	CITY ENGINEER	FEBRUARY 27, 1975

CITY OF MARSHALL
 Marshall Municipal Airport
 MARSHALL, MINNESOTA

Approach & Clear Zone Plan & Profiles

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
 CONSULTING ENGINEERS **HNTB**

DESIGNED BY: PETER P. MELIA	DATE: 5-15-74	SCALE: AS SHOWN	DATE:
DRAWN BY: M. B. JOHNSON	DATE: 5-15-74	SHEET NO.: 3	OF 5
TRACED BY:	DATE:	DRAWING NO.	
CHECKED BY: P. T. MELIA	DATE: 9-4-74		



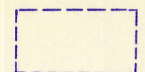



LAND USE SAFETY ZONES

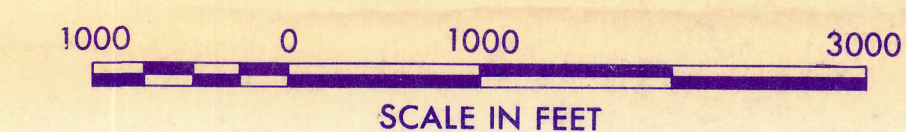
Zones (A) and (B) are shown.
Refer to chapter VIII of Airport Master Plan Report for discussion of these zones.

NOISE EXPOSURE FORECAST CONTOURS

The NEF 30 contour for 1993 is plotted on runway 12-30. Noise impact is discussed in chapters VII and VIII of Airport Master Plan Report.

LEGEND

-  Central Business District
-  Residential
-  Commercial
-  Industrial
-  Public & Semi-Public
-  Park & Recreational
-  Agricultural & Undeveloped



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CITY OF MARSHALL
Marshall Municipal Airport
MARSHALL, MINNESOTA
Generalized Future Land Use (1993)
For Airport Vicinity Area

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS **HNTB**

4-7-75	NO. 1	R.D.B.
DATE	REVISIONS	BY
CITY APPROVAL		
<i>James D. Aden</i>		
DUANE D. ADEN	DATE: 8-01-74	SCALE: AS SHOWN
CITY ENGINEER	DATE: 8-01-74	SHEET NO.: 5
FEBRUARY 27, 1975	DATE	OF 5
CHECKED BY: P.T. MELIA	DATE 9-4-74	DRAWING NO.