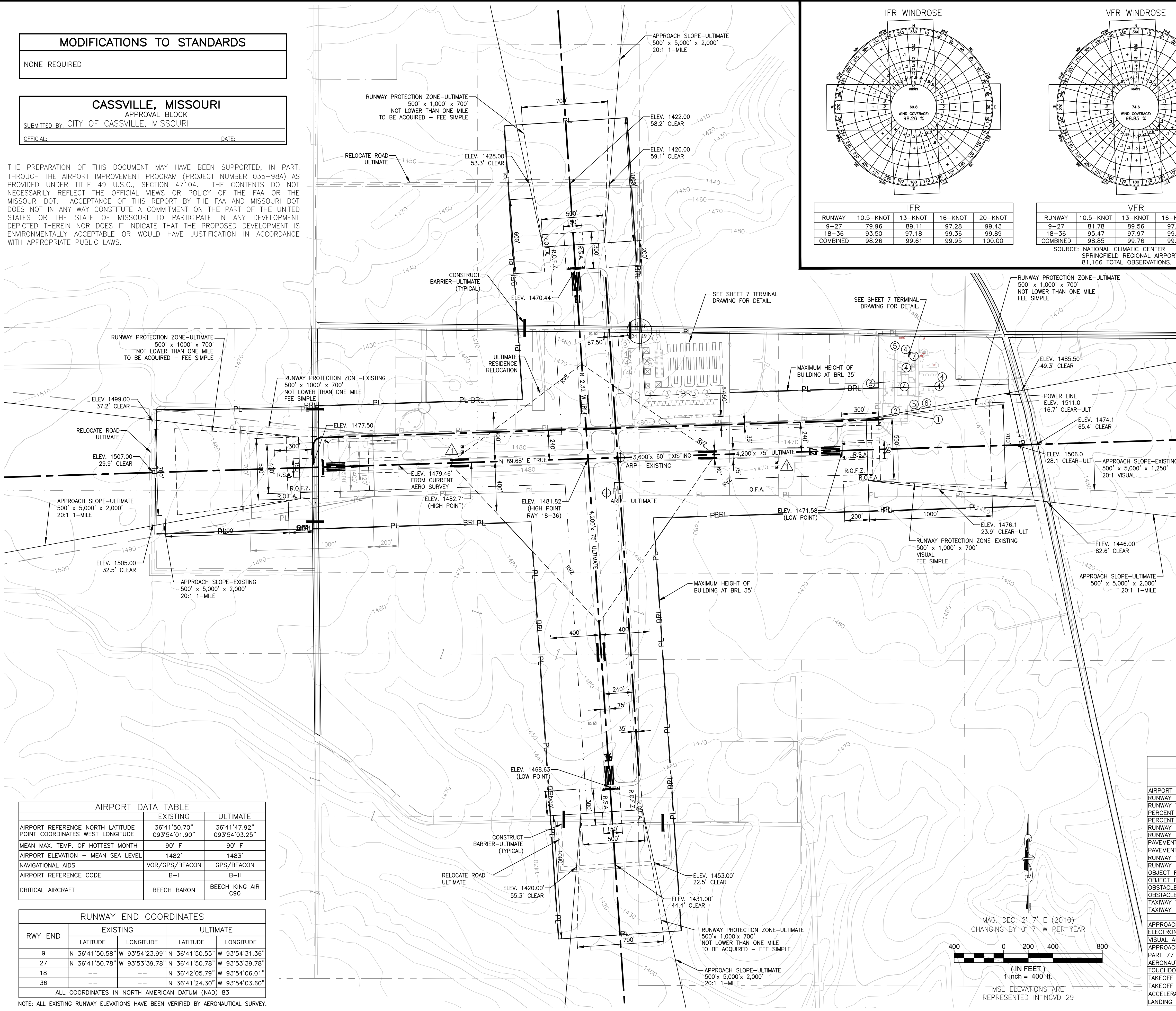
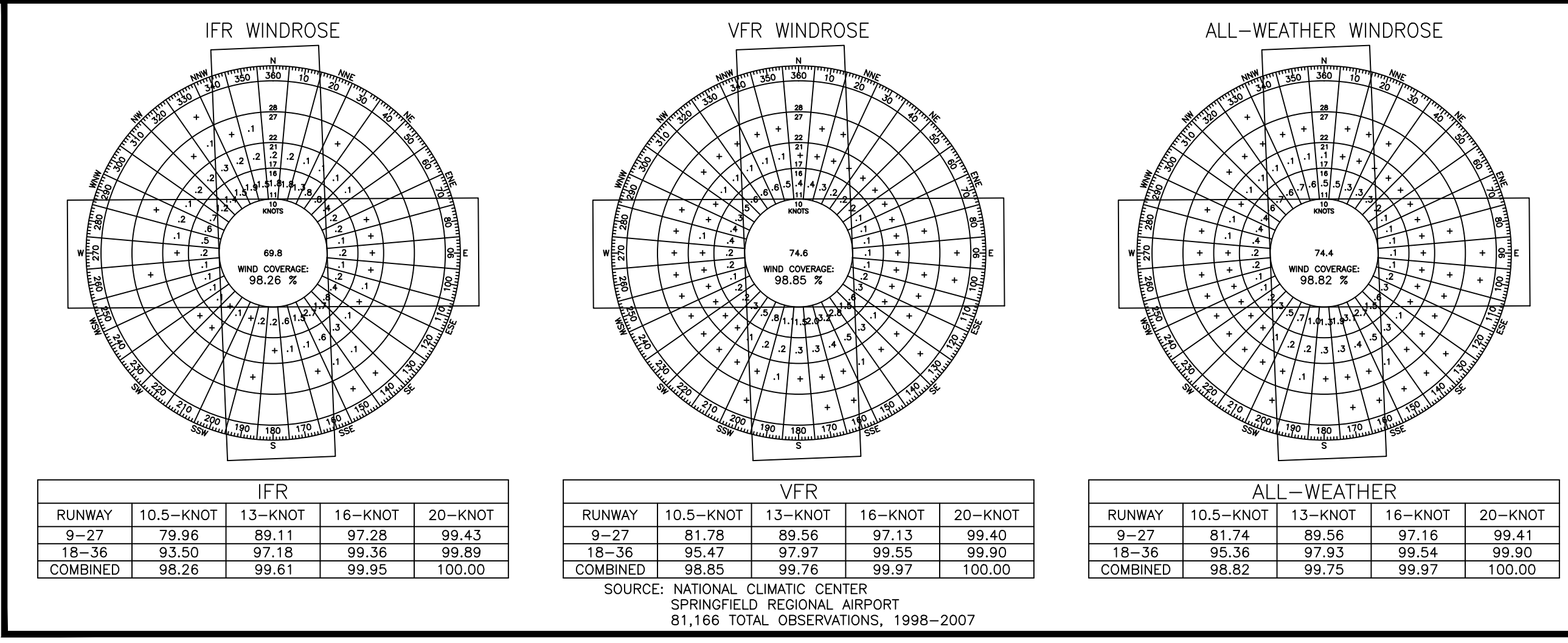


**MODIFICATIONS TO STANDARDS**  
NONE REQUIRED

**CASSVILLE, MISSOURI**  
APPROVAL BLOCK  
SUBMITTED BY: CITY OF CASSVILLE, MISSOURI  
OFFICIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

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**OBSTACLE FREE ZONE OBJECT PENETRATIONS TABLE**

NO OFZ PENETRATIONS

**THRESHOLD SITING SURFACE OBJECT PENETRATIONS TABLE**

NO TSS PENETRATIONS

**BUILDINGS AND FACILITIES**

EXISTING	ULTIMATE	DESCRIPTION
1	1	TERMINAL ADMINISTRATION BUILDING
2	2	AIRCRAFT PARKING AREA
3	3	T-HANGARS
4	4	CONVENTIONAL HANGAR/FIXED BASE OPERATOR
5	5	AUTO PARKING
6	6	FUEL STORAGE
7	7	AIRPORT ACCESS ROAD

**LEGEND**

EXISTING	ULTIMATE	DESCRIPTION
--- (1) ---	--- (1) ---	FACILITIES
---	---	BUILDINGS
---	---	AIRPORT PROPERTY LINE
---	---	BUILDING RESTRICTION LINE
---	---	RUNWAY SAFETY AREA
---	---	RUNWAY VISIBILITY ZONE
---	---	OBSTACLE FREE ZONE
---	---	OBSTACLE FREE AREA
---	---	RUNWAY CENTERLINE
⊕	⊕	AIRPORT REFERENCE POINT (ARP)
⊙	⊙	WIND CONE & SEGMENTED CIRCLE
⬤	⬤	THRESHOLD LIGHTS (THR)
⬤	⬤	ROTATING BEACON
⬤	⬤	RUNWAY END IDENTIFICATION LIGHTS (REIL)
⬤	⬤	PRECISION APPROACH SLOPE INDICATORS (PAPI)
---	---	CONTOUR - MAJOR
---	---	CONTOUR - MINOR
---	---	STREAM
---	---	SECTION LINE
---	---	PROPERTY LINE - OTHER
---	---	POWER LINES
---	---	TELEPHONE LINES
---	---	FENCING
⊕	⊕	SECTION CORNER

**RUNWAY DATA TABLE**

	RUNWAY 9-27		RUNWAY 18-36	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	B-I	B-II	B-I	B-II
RUNWAY LENGTH	3,600'	4,200'	---	4,200'
RUNWAY WIDTH	60'	75'	---	75'
PERCENT EFFECTIVE GRADIENT	0.33	0.33	---	0.02
PERCENT WIND COVERAGE	81.74		95.36	
RUNWAY LIGHTING	MIRL	MIRL	---	MIRL
RUNWAY MARKING	NP	NP	---	NP
PAVEMENT MATERIAL	ASPHALT	ASPHALT	---	ASPHALT
PAVEMENT DESIGN STRENGTH	8,000 (S)	12,500 (S)	---	12,500 (S)
RUNWAY SAFETY AREA LENGTH	4,080'	4,900'	---	4,800'
RUNWAY SAFETY AREA WIDTH	120'	150'	---	150'
OBJECT FREE AREA LENGTH	4,080'	4,900'	---	4,800'
OBJECT FREE AREA WIDTH	400'	500'	---	500'
OBSTACLE FREE ZONE LENGTH	4,000'	4,700'	---	4,600'
OBSTACLE FREE ZONE WIDTH	250'	400'	---	400'
TAXIWAY WIDTH	35'	35'	---	35'
TAXIWAY LIGHTING	MITL	REFLECTORS	---	REFLECTORS
APPROACH SURFACE SLOPE	20:1	20:1	---	20:1
ELECTRONIC AIDS	NONE	WAAS	---	WAAS
VISUAL AIDS	PAPI	REIL	---	PAPI/REIL
APPROACH VISIBILITY MINIMUMS	1-MILE	1-MILE	---	1-MILE
PART 77 APPROACH USE TYPE	NON-PRECISION	NON-PRECISION	---	NP/UTILITY
AERONAUTICAL SURVEY TYPE	NG	NG	---	VG 1 VG
TOUCHDOWN ZONE ELEVATION	1482.7	1482.7	---	1481.8
TAKEOFF RUN AVAILABLE	N/A	N/A	---	N/A
TAKEOFF DISTANCE AVAILABLE	N/A	N/A	---	N/A
ACCELERATE STOP DIST. AVAIL.	N/A	N/A	---	N/A
LANDING DISTANCE AVAILABLE	N/A	N/A	---	N/A

**AIRPORT DATA TABLE**

	EXISTING	ULTIMATE
AIRPORT REFERENCE NORTH LATITUDE	36°41'50.70"	36°41'47.92"
POINT COORDINATES WEST LONGITUDE	093°54'01.90"	093°54'03.25"
MEAN MAX. TEMP. OF HOTTEST MONTH	90° F	90° F
AIRPORT ELEVATION - MEAN SEA LEVEL	1482'	1483'
NAVIGATIONAL AIDS	VOR/GPS/BEACON	GPS/BEACON
AIRPORT REFERENCE CODE	B-I	B-II
CRITICAL AIRCRAFT	BEECH BARON	BEECH KING AIR C90

**RUNWAY END COORDINATES**

RWY END	EXISTING		ULTIMATE	
	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE
9	N 36°41'50.58"	W 93°54'23.99"	N 36°41'50.55"	W 93°54'31.36"
27	N 36°41'50.78"	W 93°53'39.78"	N 36°41'50.78"	W 93°53'39.78"
18	---	---	N 36°42'05.79"	W 93°54'06.01"
36	---	---	N 36°41'24.30"	W 93°54'03.60"

ALL COORDINATES IN NORTH AMERICAN DATUM (NAD) 83

NOTE: ALL EXISTING RUNWAY ELEVATIONS HAVE BEEN VERIFIED BY AERONAUTICAL SURVEY.

SVY: \_\_\_\_\_  
DWN: \_\_\_\_\_  
CHKD: \_\_\_\_\_  
APPD: \_\_\_\_\_  
DATE: \_\_\_\_\_  
DNG: \_\_\_\_\_

**AIRPORT LAYOUT PLAN**  
PROJECT DESCRIPTION: **CASSVILLE MUNICIPAL AIRPORT - AIRPORT LAYOUT PLAN**  
CLIENT: **CITY OF CASSVILLE**  
PROJECT LOCATION: **SEC. 19, T23N, R27W & SEC. 24, T23N, R28W CASSVILLE, BARRY COUNTY, MISSOURI**

DRAWING TITLE: \_\_\_\_\_  
DATE: **01/18/11**  
REVISION DESCRIPTION: \_\_\_\_\_  
REVISED VISUAL AIDS PER MODDOT PROJECT NO. 09-038A-01 BY EWR

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