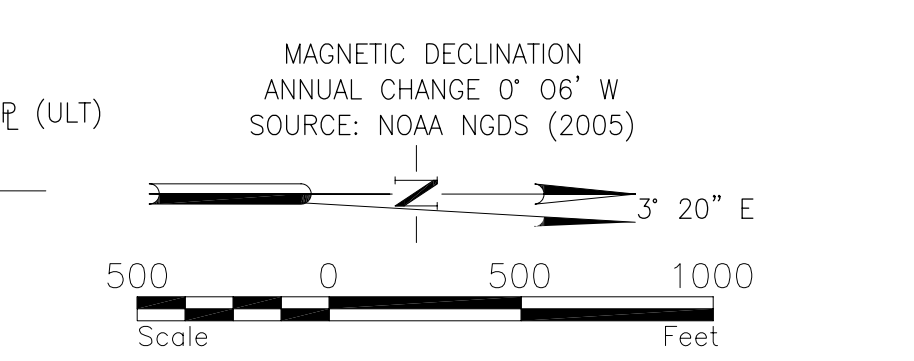
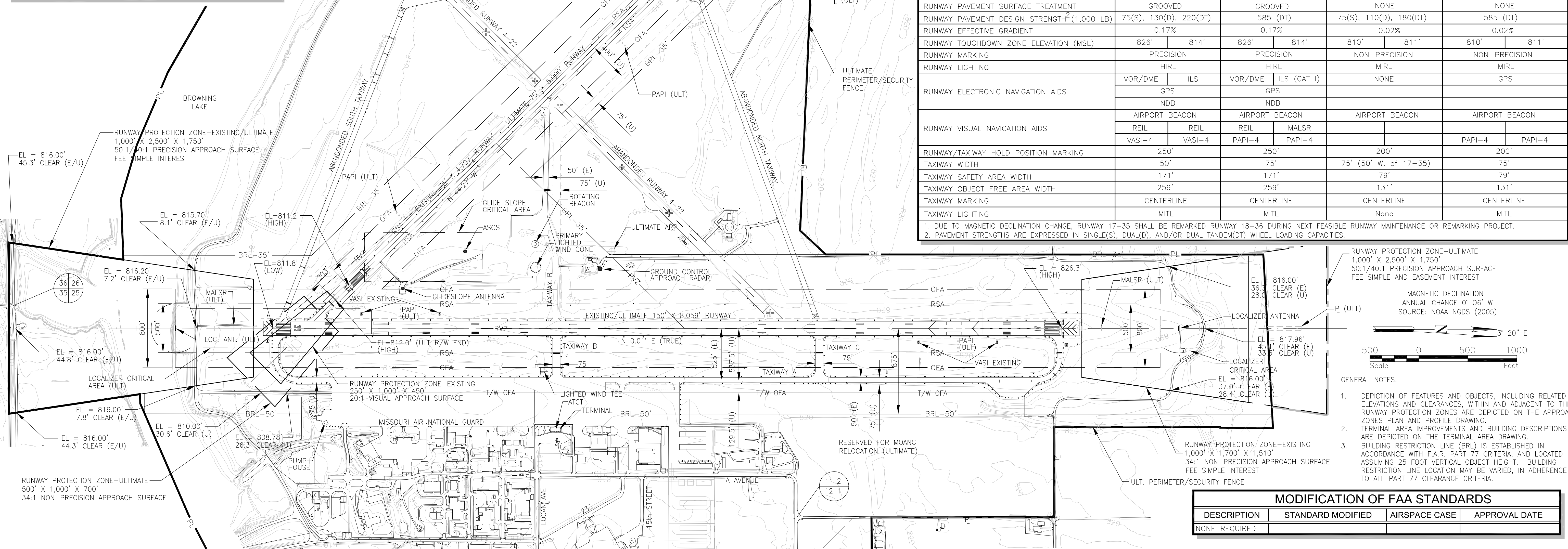


LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
[Symbol]	[Symbol]	ABANDONED PAVEMENT
[Symbol]	[Symbol]	AIRPORT PROPERTY LINE
[Symbol]	[Symbol]	AIRPORT REFERENCE POINT (ARP)
[Symbol]	[Symbol]	AIRPORT ROTATING BEACON
[Symbol]	[Symbol]	AVIGATION EASEMENT (IF APPLICABLE)
[Symbol]	[Symbol]	BUILDING ABANDONMENT
[Symbol]	[Symbol]	BUILDING CONSTRUCTION
[Symbol]	[Symbol]	BUILDING RESTRICTION LINE (BRL)
[Symbol]	[Symbol]	DRAINAGE
[Symbol]	[Symbol]	FACILITY CONSTRUCTION
[Symbol]	[Symbol]	FENCING
[Symbol]	[Symbol]	NAVIGATIONAL AID INSTALLATION
[Symbol]	[Symbol]	RUNWAY END IDENTIFICATION LIGHTS (REIL)
[Symbol]	[Symbol]	RUNWAY THRESHOLD LIGHTS
[Symbol]	[Symbol]	SECTION CORNER
[Symbol]	[Symbol]	SEGMENTED CIRCLE/WIND INDICATOR
[Symbol]	[Symbol]	TOPOGRAPHY
[Symbol]	[Symbol]	WIND INDICATOR (LIGHTED)

RUNWAY DATA	RUNWAY DATA TABLE							
	RUNWAY 17-35				RUNWAY 13-31			
	EXISTING		ULTIMATE ¹		EXISTING		ULTIMATE	
	17	35	18	36	13	31	13	31
APPROACH CAT./DESIGN GROUP	C-IV		C-IV		B-II		B-II	
RUNWAY LENGTH AND WIDTH	8059' x 150'		8059' x 150'		4797' x 75'		5000' x 75'	
RUNWAY SHOULDER SURFACE TREATMENT	TURF		PAVED		TURF		TURF	
RUNWAY BLAST PAD LENGTH AND WIDTH	180'x150'		100'x150'		200'x200'		NONE	
RUNWAY INSTRUMENTATION	NP PRECISION		PRECISION PRECISION		VISUAL VISUAL		VISUAL NP	
RUNWAY APPROACH SURFACE SLOPE	34:1		50:1		20:1		20:1	
APPROACH VISIBILITY MINIMUM	1 MILE		3/4 MILE		3/4 MILE		CAT I	
RUNWAY BEARING (TRUE)	180.01°		0.01°		180.01°		0.01°	
RUNWAY OBJECT FREE AREA (OFA)	10,059' x 800'		10,059' x 800'		5,397' x 500'		5,600' x 500'	
RUNWAY SAFETY AREA (RSA)	10,059' x 500'		10,059' x 500'		5,397' x 150'		5,600' x 150'	
RUNWAY OBSTACLE FREE ZONE (OFZ)	8,459' x 400'		8,459' x 400'		5,197' x 250'		5,400' x 250'	
RUNWAY PAVEMENT MATERIAL	CONCRETE		CONCRETE		CONCRETE/ASPHALT		CONCRETE/ASPHALT	
RUNWAY PAVEMENT SURFACE TREATMENT	GROOVED		GROOVED		NONE		NONE	
RUNWAY PAVEMENT DESIGN STRENGTH ² (1,000 LB)	75(S), 130(D), 220(DT)		585 (DT)		75(S), 110(D), 180(DT)		585 (DT)	
RUNWAY EFFECTIVE GRADIENT	0.17%		0.17%		0.02%		0.02%	
RUNWAY TOUCHDOWN ZONE ELEVATION (MSL)	826' 814'		826' 814'		810' 811'		810' 811'	
RUNWAY MARKING	PRECISION		PRECISION		NON-PRECISION		NON-PRECISION	
RUNWAY LIGHTING	HIRL		HIRL		MIRL		MIRL	
RUNWAY ELECTRONIC NAVIGATION AIDS	VOR/DME	ILS	VOR/DME	ILS (CAT I)	NONE		GPS	
	GPS		GPS					
	NDB		NDB					
RUNWAY VISUAL NAVIGATION AIDS	AIRPORT BEACON		AIRPORT BEACON		AIRPORT BEACON		AIRPORT BEACON	
	REIL	REIL	REIL	MALSR				
	VASI-4	VASI-4	PAPI-4	PAPI-4				
RUNWAY/TAXIWAY HOLD POSITION MARKING	250'		250'		200'		200'	
TAXIWAY WIDTH	50'		75'		75' (50' w. of 17-35)		75'	
TAXIWAY SAFETY AREA WIDTH	171'		171'		79'		79'	
TAXIWAY OBJECT FREE AREA WIDTH	259'		259'		131'		131'	
TAXIWAY MARKING	CENTERLINE		CENTERLINE		CENTERLINE		CENTERLINE	
TAXIWAY LIGHTING	MITL		MITL		None		MITL	

1. DUE TO MAGNETIC DECLINATION CHANGE, RUNWAY 17-35 SHALL BE REMARKED RUNWAY 18-36 DURING NEXT FEASIBLE RUNWAY MAINTENANCE OR REMARKING PROJECT.
2. PAVEMENT STRENGTHS ARE EXPRESSED IN SINGLE(S), DUAL(D), AND/OR DUAL TANDEM(DT) WHEEL LOADING CAPACITIES.



- GENERAL NOTES:
- DEPICTION OF FEATURES AND OBJECTS, INCLUDING RELATED ELEVATIONS AND CLEARANCES, WITHIN AND ADJACENT TO THE RUNWAY PROTECTION ZONES ARE DEPICTED ON THE APPROACH ZONES PLAN AND PROFILE DRAWING.
 - TERMINAL AREA IMPROVEMENTS AND BUILDING DESCRIPTIONS ARE DEPICTED ON THE TERMINAL AREA DRAWING.
 - BUILDING RESTRICTION LINE (BRL) IS ESTABLISHED IN ACCORDANCE WITH F.A.R. PART 77 CRITERIA, AND LOCATED ASSUMING 25 FOOT VERTICAL OBJECT HEIGHT. BUILDING RESTRICTION LINE LOCATION MAY BE VARIED, IN ADHERENCE TO ALL PART 77 CLEARANCE CRITERIA.

MODIFICATION OF FAA STANDARDS			
DESCRIPTION	STANDARD MODIFIED	AIRSPACE CASE	APPROVAL DATE
NONE	REQUIRED		

AIRPORT DATA			
OWNER: CITY OF ST. JOSEPH	AIRPORT IDENTIFIER: STJ		
CITY/STATE: ST. JOSEPH, MISSOURI	COUNTY: BUCHANAN		
	EXISTING	ULTIMATE	
AIRPORT SERVICE LEVEL	GENERAL AVIATION	GENERAL AVIATION	
AIRPORT REFERENCE CODE	C-IV	C-IV	
AIRPORT ELEVATION (MSL NAVD88)	826.3'	826.3'	
MEAN MAX. TEMP. OF HOTTEST MONTH (JULY)	88 ° F	88 ° F	
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LATITUDE N 39° 46' 19.00"	N 39° 46' 18.57"	
	LONGITUDE W 94° 54' 34.94"	W 94° 54' 34.85"	
AIRPORT AND TERMINAL NAVIGATIONAL AIDS	NDB	RNAV	NDB RNAV
	VOR	VOR	
	ROTATING BEACON	ROTATING BEACON	

RUNWAY END COORDINATES (NAD 83)			
RUNWAY		EXISTING	ULTIMATE
RUNWAY 17	LATITUDE	N 39° 47' 04.47"	SAME
	LONGITUDE	W 94° 54' 24.88"	SAME
RUNWAY 35	LATITUDE	N 39° 45' 44.83"	SAME
	LONGITUDE	W 94° 54' 24.89"	SAME
RUNWAY 13	LATITUDE	N 39° 46' 26.48"	SAME
	LONGITUDE	W 94° 55' 13.27"	SAME
RUNWAY 31	LATITUDE	N 39° 45' 52.54"	N 39° 45' 51.08"
	LONGITUDE	W 94° 54' 30.39"	W 94° 54' 28.55"

DECLARED DISTANCES (EXISTING)	RUNWAY			
	17	35	13	31
TAKEOFF RUN AVAILABLE (TORA)	8059'	8059'	4797'	4797'
TAKEOFF DISTANCE AVAILABLE (TODA)	8059'	8059'	4797'	4797'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	8059'	8059'	4797'	4797'
LANDING DISTANCE AVAILABLE (LDA)	8059'	8059'	4797'	4797'

DECLARED DISTANCES (ULTIMATE)	RUNWAY			
	17	35	13	31
TAKEOFF RUN AVAILABLE (TORA)	8059'	8059'	5000'	5000'
TAKEOFF DISTANCE AVAILABLE (TODA)	8059'	8059'	5000'	5000'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	8059'	8059'	5000'	5000'
LANDING DISTANCE AVAILABLE (LDA)	8059'	8059'	5000'	5000'

FOR APPROVAL BY:

J. BRUCE WOODY, P.E.
DIRECTOR OF PUBLIC WORKS

DATE: _____

JOHN E. COX, C.M.
AIRPORT MANAGER

DATE: _____

SUBMITTED BY: BRIAN M. TOMPKINS, P.E., C.M.
HNTB Corporation

DATE: _____

HNTB
ARCHITECTS ENGINEERS PLANNERS
7450 WEST 130TH STREET
SUITE 400
OVERLAND PARK, KANSAS 66213

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPD

ROSECRANS
MEMORIAL AIRPORT
St. Joseph, Missouri

ROSECRANS MEMORIAL AIRPORT
Airport Layout Plan

ROSECRANS MEMORIAL AIRPORT
AIRPORT LAYOUT PLAN
ST. JOSEPH, MISSOURI

DESIGNED: -
DRAWN: Josh Peters
CHECKED: Brian Tompkins
APPROVED: Gary Logston

DATE: MAY 16, 2006

SHEET 1 OF 11