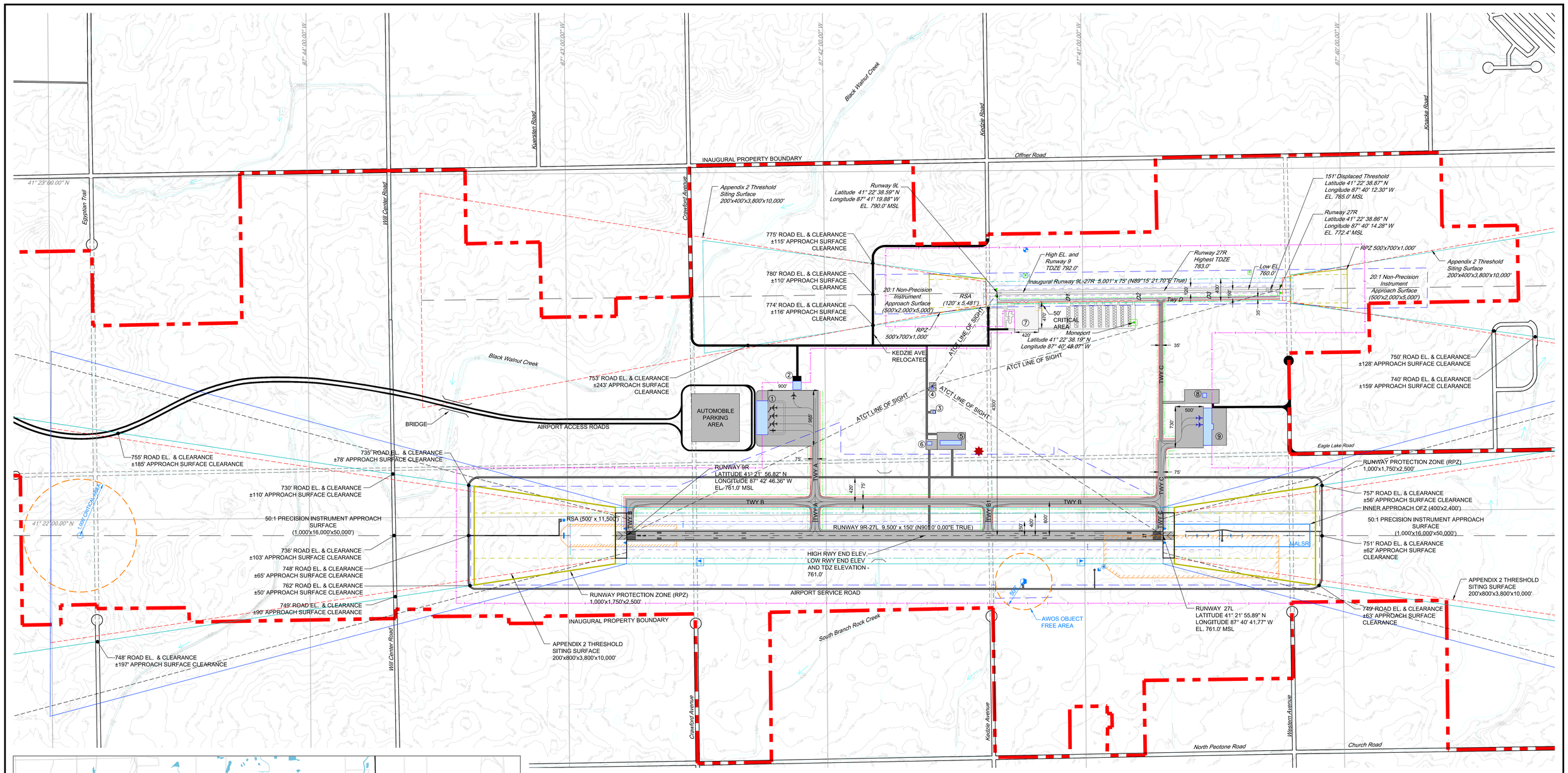

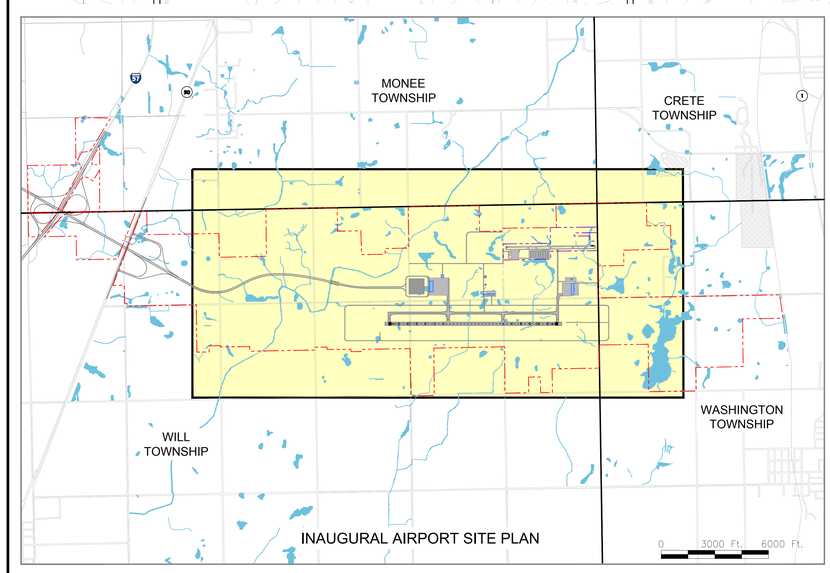

AIRPORT DATA TABLE	
AIRPORT DATA	INAUGURAL
Airport Elevation (MSL)	790.0'
Airport Reference Point (NAD 83) Latitude Longitude	41° 22' 10.89" N 87° 41' 24.41" W
Mean Max Temperature of Hottest Month	84.7°F
Airport Navigational Aids	ARB, ASR, VOR, ASDE, RNAV(GPS/WAAS), ILS,GS,LOC,OM
Magnetic Variation	3° 25' W changing by 0° 5' W/year
Date of Magnetic Variation	8/11/2011
Airport Reference Code	C-III
Tail Height	60'
Critical Design Aircraft	B737-800
Miscellaneous Facilities	LLWAS, AWOS, MALSR, HIRL, MITL, Wind cones, REILS
County	Will
Township	Will, Monee, Washington

BUILDING AND SUPPORT FACILITIES		
NUMBER	DESCRIPTION	MAXIMUM ELEVATION (FEET ABOVE MEAN SEA LEVEL)
1	Inaugural Terminal Building	±790.0
2	Inaugural Cargo Building	±800.0
3	Electrical Vault	±770.0
4	Air Traffic Control Tower (ATCT)	±905.0
5	SRE Building	±785.0
6	ARFF Station	±775.0
7	General Aviation Complex	±795.0
8	Fuel Farm	±790.0
9	Cargo Building (DBO +5)	±800.0

NOTES:
1. SEE SHEET 4 FOR GENERAL NOTES.
2. GROUND CONTOURS INTERVALS ARE 5-FEET (SHOWN) BASED ON 1-FOOT CONTOUR INTERVALS (NOT SHOWN).
3. EXISTING ROADWAYS WITHIN AIRPORT AOA SECURITY FENCE WILL BE VACATED OR REALIGNED.
4. NO OBSTACLE FREE ZONE OBJECT PENETRATIONS EXCEPT FRANGIBLE NAVIGATION AIDS AS REQUIRED.
5. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS. ALL TREES AND ANY IDENTIFIED STRUCTURES WILL BE REMOVED. RUNWAY TYPE NUMBER 4 & 7 AS DETAILED IN TABLE A2-1 APPROACH/DEPARTURE REQUIREMENTS TABLE WERE USED IN THE PREPARATION OF THIS DRAWING.
6. THERE IS A SURVEY MONUMENT AT THE EXISTING AIRFIELD.
7. RUNWAY TO TAXIWAY AND TAXIWAY SEPARATION CRITERIA APPLICABLE TO AIRPORT DESIGN GROUP VI IS USED ON THIS SHEET.
8. ROAD ELEVATION ASSUMES A 15' CLEARANCE PER CFR PART 77 MINIMUM VERTICAL DISTANCE REQUIREMENTS.
9. THE AOA SECURITY FENCE ELEVATION IS ASSUMED TO BE 10' AGL.
10. FLOODPLAINS, WETLANDS, AND WATERWAYS WILL BE MITIGATED TO MEET FAA GRADING REQUIREMENTS AND RESTRICTION ON STANDING WATER WITHIN THE AIRFIELD.
11. RUNWAY 9R IS DESIGNED TO BE A PRECISION RUNWAY USING SATELLITE BASED TECHNOLOGY.
12. DEICING WILL BE CONDUCTED AT THE AIR CARRIER RAMP AND WILL BE COLLECTED AND TREATED IN ACCORDANCE WITH CURRENT REGULATIONS.

LEGEND

- INAUGURAL AIRPORT REFERENCE POINT (ARP)
- EXISTING SURVEY REFERENCE MONUMENT
- EXISTING WIND CONE
- EXISTING RUNWAY END INDICATOR LIGHTS (REIL)
- PROPOSED SEGMENTED CIRCLE
- PROPOSED WIND CONE
- PROPOSED RUNWAY END INDICATOR LIGHTS (REIL)
- PROPOSED VERY HIGH FREQUENCY OMNIRANGE (VOR)
- PROPOSED LOCALIZER
- PROPOSED LOCALIZER EQUIPMENT SHELTER
- PROPOSED AUTOMATED WEATHER OBSERVING SYSTEM (AWOS)
- PROPOSED RUNWAY VISUAL RANGE (RVR)
- PROPOSED PRECISION APPROACH PATH INDICATOR (PAPI)
- PROPOSED GLIDE SLOPE ANTENNA/MAST & EQUIP. SHELTER
- PROPOSED ATCT
- PROPOSED ROTATING BEACON
- EXISTING & INAUGURAL FACILITIES
- EXISTING ROADS (TO BE RETAINED)
- EXISTING ROADS (TO BE REMOVED)
- PROPOSED PUBLIC ACCESS ROADS
- PROPOSED ON AIRPORT SERVICE ROADS
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- WATERWAYS
- DRAINAGE DIRECTION
- AOA SECURITY FENCE (10' MIN)
- INAUGURAL PROPERTY BOUNDARY
- BUILDING RESTRICTION LINE (BRL)
- RUNWAY SAFETY AREA (RSA)
- RUNWAY OBJECT FREE AREA (OFA)
- RUNWAY OBSTACLE FREE ZONE (ROFZ)
- TAXIWAY OBJECT FREE AREA (TOFA)
- TAXIWAY SAFETY AREA (TSA)
- RUNWAY PROTECTION ZONE (RPZ)
- INNER RUNWAY PROTECTION ZONE (IRPZ)
- PART 77 APPROACH SURFACE
- DEPARTURE SURFACE
- APPENDIX 2 THRESHOLD SITING SURFACE
- ONE ENGINE INOPERATIVE (OEI) OBSTACLE IDENTIFICATION SURFACE (OIS)
- LOCALIZER CRITICAL AREA (LOC)
- GLIDE SLOPE CRITICAL AREA (GS)
- PRECISION OBSTACLE FREE ZONE (POFZ)
- INNER APPROACH OBSTACLE FREE ZONE (OFZ)

0 600 Ft. 1200 Ft.

DRAFT

TRANSPORTATION
AECOM
AECOM TECHNICAL SERVICES, Inc.
303 EAST WACKER DRIVE, SUITE 900
CHICAGO, ILLINOIS 60601
TEL 312.373.7700 F 312.938.1109
www.aecom.com

SSA SouthSuburbanAirport

Illinois Department of Transportation
Division of Aeronautics

NO.	BY	DATE	DESCRIPTION	NO.	BY	DATE	DESCRIPTION

R E V I S I O N S

DESIGN BY: DK/CA
DRAWN BY: LAH/SAU
CHECKED BY: EDL
APPROVED BY: LTB

South Suburban Airport
INAUGURAL AIRPORT
LAYOUT PLAN DRAWING

MAGNETIC NORTH / TRUE NORTH
MAGNETIC DECLINATION 3°25'W (2011)
ANNUAL RATE OF CHANGE 0° 5' W/ YEAR
EPOCH YEAR 2010

SCALE: 1"=600'
DATE: 9-27-2012
JOB NO. 60181525.M2.2
SHEET NO. 3