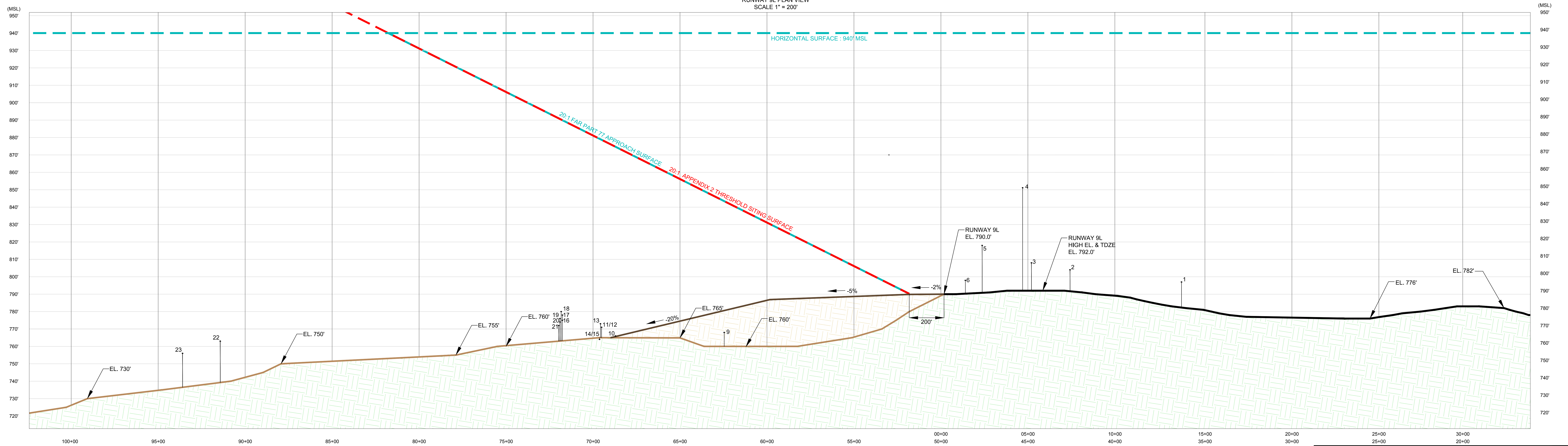


RUNWAY 9L PLAN VIEW
SCALE 1" = 200'



RUNWAY 9L PROFILE VIEW
VERTICAL SCALE 1" = 20'
HORIZONTAL SCALE 1" = 200'

RUNWAY 9L OBSTRUCTION DISPOSITION CHART												
NO.	DESCRIPTION	TOP ELEVATION (MSL)	DIST TO RWY END	PRIMARY SURFACE		7:1 TRANSITIONAL SURFACE		20:1 FAR PART 77 APPROACH SURFACE		20:1 APPENDIX 2 THRESHOLD SITING SURFACE		DISPOSITION
				SURFACE ELEVATION	PENETRATION	SURFACE ELEVATION	PENETRATION	SURFACE ELEVATION	PENETRATION	SURFACE ELEVATION	PENETRATION	
1	T HANGARS	797'	N/A	782'	15'	792'	7'	N/A	N/A	N/A	N/A	OBSTRUCTION LIGHTING
2	FUEL TANKS	806'	N/A	N/A	N/A	795'	12'	N/A	N/A	N/A	N/A	OBSTRUCTION LIGHTING
3	WIND CONE	808'	N/A	N/A	N/A	795'	13'	N/A	N/A	N/A	N/A	OBSTRUCTION LIGHTING
4	PERIMETER ROAD	757'	4,422'	N/A	N/A	814'	-161'	814'	-161'	N/A	N/A	NO ACTION
5	BUILDING	818'	N/A	N/A	N/A	800'	18'	N/A	N/A	N/A	N/A	OBSTRUCTION LIGHTING
6	ADA SECURITY FENCE	788'	N/A	N/A	N/A	800'	-2'	N/A	N/A	N/A	N/A	NO ACTION
7-8	EXISTING STRUCTURES											TO BE REMOVED
9	PERIMETER ROAD	788'	1,254'	N/A	N/A	840'	-172'	N/A	N/A	N/A	N/A	NO ACTION
10	ADA SECURITY FENCE	796'	1,966'	N/A	N/A	840'	-174'	N/A	N/A	N/A	N/A	NO ACTION
11	ADA SECURITY FENCE	771'	1,966'	N/A	N/A	878'	-107'	878'	-107'	N/A	N/A	NO ACTION
12	ADA SECURITY FENCE	771'	1,969'	N/A	N/A	878'	-107'	878'	-107'	N/A	N/A	NO ACTION
13	ADA SECURITY FENCE	773'	1,975'	N/A	N/A	878'	-109'	878'	-109'	N/A	N/A	NO ACTION
14	ADA SECURITY FENCE	764'	1,987'	N/A	N/A	878'	-119'	878'	-119'	N/A	N/A	NO ACTION
15	ADA SECURITY FENCE	764'	1,987'	N/A	N/A	878'	-119'	878'	-119'	N/A	N/A	NO ACTION
16	KEDZIE AVENUE RELOCATION	772'	2,184'	N/A	N/A	890'	-118'	890'	-118'	N/A	N/A	NO ACTION
17	KEDZIE AVENUE RELOCATION	778'	2,184'	N/A	N/A	890'	-112'	890'	-112'	N/A	N/A	NO ACTION
18	KEDZIE AVENUE RELOCATION	785'	2,207'	N/A	N/A	890'	-105'	890'	-105'	N/A	N/A	NO ACTION
19	KEDZIE AVENUE RELOCATION	778'	2,207'	N/A	N/A	890'	-114'	890'	-114'	N/A	N/A	NO ACTION
20	KEDZIE AVENUE RELOCATION	774'	2,208'	N/A	N/A	890'	-116'	890'	-116'	N/A	N/A	NO ACTION
21	PERIMETER ROAD	772'	2,210'	N/A	N/A	840'	-158'	N/A	N/A	N/A	N/A	NO ACTION
22	PERIMETER ROAD	767'	4,169'	N/A	N/A	N/A	N/A	N/A	N/A	988'	228'	NO ACTION
23	PERIMETER ROAD	756'	4,186'	N/A	N/A	986'	-247'	986'	-247'	N/A	N/A	NO ACTION

*TOP ELEVATION OF EXISTING STRUCTURES ARE NOT AVAILABLE. IT IS RECOMMENDED TO REMOVE THESE EXISTING STRUCTURES. THESE STRUCTURES ARE NOT DEPICTED IN RUNWAY 9L PROFILE VIEW.

NOTES:
1. POSITIVE VALUES SHOWN IN RED DENOTE PENETRATION. NEGATIVE VALUES () DENOTE CLEARANCE.
2. ROAD ELEVATION INCLUDES 16" VERTICAL DISTANCE FOR MOVABLE OBJECTS PER CFR PART 77.
3. ADA SECURITY FENCE IS ASSUMED TO BE 10' AGH.
4. N/A INDICATES NOT APPLICABLE.
5. THE 20:1 APPENDIX 2 THRESHOLD SITING SURFACE IS BASED ON RUNWAY TYPE 4 IN AC150-5300-13 CHANGE 18 TABLE A2.1 FOR APPROACH END OF RUNWAYS EXPECTED TO SUPPORT INSTRUMENT NIGHT OPERATIONS. SERVING APPROACH CATEGORIES A AND B AIRCRAFT ONLY. THE DIMENSIONAL STANDARDS WITH REFERENCE TO FIGURE A2-1 SHALL BE: A=200', B=200', C=1,500', D=10,000', AND E=40'.

- GENERAL NOTES:
1. GROUND CONTOUR INTERVALS ARE 5 FEET (SHOWN) BASED ON 1 FOOT CONTOUR INTERVALS (NOT SHOWN).
2. AERIAL PHOTOGRAPHY: WILL COUNTY, DATED 2008. SAME AS EXHIBIT "A" PROPERTY LINE MAP FOR SOUTH SUBURBAN AIRPORT, JUNE 28, 2010.
3. SEE SHEET 6 FOR OBSTACLES THAT IMPACT THE INAUGURAL RUNWAYS BASED ON OBSTACLE DATA OBTAINED FROM FAA DIGITAL OBSTACLE FILE DATED JULY 24, 2011.
4. IT IS RECOMMENDED THAT AN OBSTRUCTION SURVEY BE PERFORMED.
5. PROPOSED 2% GRADING SHOWN FOR 200' FROM RUNWAY THRESHOLD. THEN 5% GRADING SHOWN FOR 600'. THEN 20% GRADING SHOWN TO THE EXISTING GROUND ELEVATION.
- REFERENCE:
1. LATITUDE AND LONGITUDE ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83).
2. VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83).

LEGEND

- X — ADA SECURITY FENCE (10' MIN)
- - - INAUGURAL PROPERTY BOUNDARY
- RUNWAY SAFETY AREA (RSA)
- - - RUNWAY OBJECT FREE AREA (OFA)
- - - RUNWAY OBSTACLE FREE ZONE (ROFZ)
- RUNWAY PROTECTION ZONE (RPZ)
- - - INNER RUNWAY PROTECTION ZONE (IRPZ)
- PRIMARY SURFACE
- FAR PART 77 APPROACH SURFACE
- TRANSITIONAL SURFACE
- HORIZONTAL SURFACE
- APPENDIX 2 THRESHOLD SITING SURFACE
- EXISTING GROUND
- PROPOSED GROUND - GRADED
- EXISTING ROAD (TO BE REMOVED)
- PROPOSED GROUND FILL

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
REVISIONS							

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

South Suburban Airport
INAUGURAL RUNWAY 9L
INNER PORTION OF THE
APPROACH SURFACE DRAWING

SCALE: AS NOTED
DATE: 9-27-2012
JOB NO. 60181525.M2.2
SHEET NO. **9**