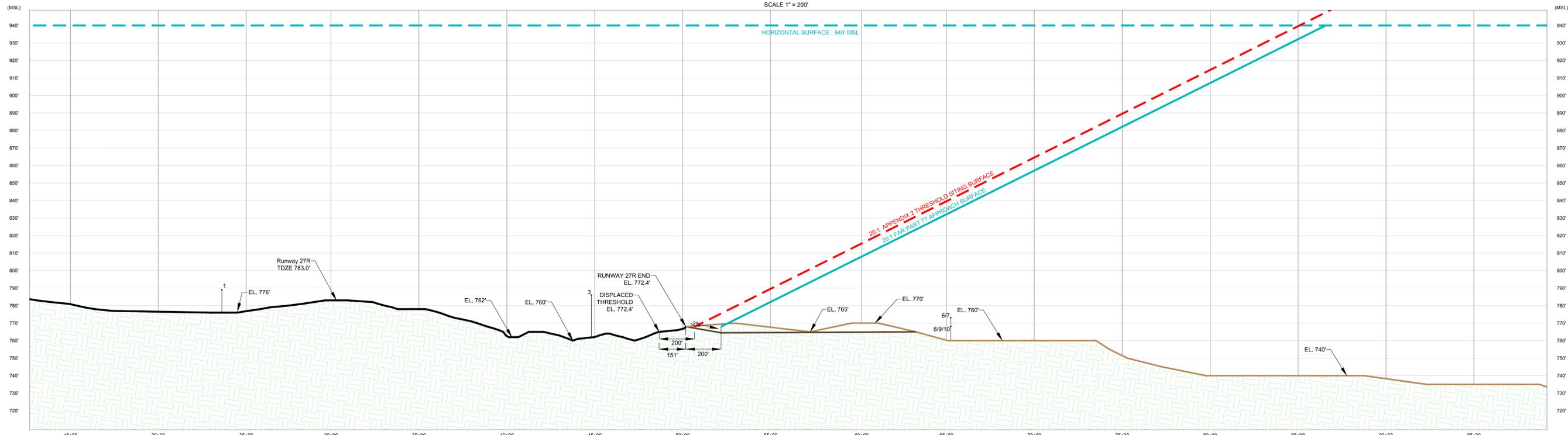


RUNWAY 27R PLAN VIEW
SCALE 1" = 200'



RUNWAY 27R PROFILE VIEW
VERTICAL SCALE 1" = 20'
HORIZONTAL SCALE 1" = 200'

RUNWAY 27R 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-RANGERS	780'	N/A	774'	11'	770'	15'	N/A	N/A	N/A	N/A	OBSTRUCTION LIGHTING
2	EXISTING STRUCTURES*	780'	N/A	N/A	N/A	770'	15'	N/A	N/A	N/A	N/A	TO BE REMOVED
3	WIND ZONE	780'	N/A	N/A	N/A	770'	15'	N/A	N/A	N/A	N/A	OBSTRUCTION LIGHTING
4	EXISTING STRUCTURES*	-	-	-	-	-	-	-	-	-	-	TO BE REMOVED
5	EXISTING STRUCTURES*	-	-	-	-	-	-	-	-	-	-	TO BE REMOVED
6	ADA SECURITY FENCE	772'	1.515'	N/A	N/A	838'	-65'	838'	-65'	843'	-70'	NO ACTION
7	ADA SECURITY FENCE	772'	1.515'	N/A	N/A	838'	-65'	838'	-65'	843'	-70'	NO ACTION
8	ADA SECURITY FENCE	788'	1.515'	N/A	N/A	838'	-65'	838'	-65'	843'	-70'	NO ACTION
9	ADA SECURITY FENCE	788'	1.515'	N/A	N/A	838'	-65'	838'	-65'	843'	-70'	NO ACTION
10	ADA SECURITY FENCE	788'	1.515'	N/A	N/A	838'	-65'	838'	-65'	843'	-70'	NO ACTION
11-13	EXISTING STRUCTURES*	-	-	-	-	-	-	-	-	-	-	TO BE REMOVED

*TOP ELEVATION OF EXISTING STRUCTURES ARE NOT AVAILABLE. IT IS RECOMMENDED TO REMOVE THESE EXISTING STRUCTURES.

- NOTES:
- POSITIVE VALUES SHOWN IN RED DENOTE PENETRATION, NEGATIVE VALUES () DENOTE CLEARANCE.
 - ROUND ELEVATION INCLUDES 1/2" VERTICAL DISTANCE FOR MOVABLE OBJECTS PER CFR PART 77.
 - ADA SECURITY FENCE IS ASSUMED TO BE 10' AGL.
 - N/A DENOTES NOT APPLICABLE.
 - THE 20:1 APPENDIX 2 THRESHOLD SITING SURFACE IS BASED ON RUNWAY TYPE I IN AC150.5200-13 CHANGE 18 TABLE A2.1 FOR APPROACHES TO RUNWAYS EXPECTED TO SUPPORT INSTRUMENT FLIGHT OPERATIONS, SERVING APPROACH CATEGORY A AND B AIRCRAFT ONLY. THE DIMENSIONAL STANDARDS WITH REFERENCE TO FIGURE A2-1 SHALL BE A=200, B=200, C=1300, D=10000, AND E=40'.

LEGEND

- 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
- 20:1 APPENDIX 2 THRESHOLD SITING SURFACE
- EXISTING GROUND
- PROPOSED GROUND - GRADED
- EXISTING ROAD (TO BE REMOVED)
- EXISTING GROUND

GENERAL NOTES:

- GROUND CONTOUR INTERVALS ARE 5 FEET (SHOWN) BASED ON 1 FOOT CONTOUR INTERVALS (NOT SHOWN).
- AERIAL PHOTOGRAPHY WALL COUNTY, DATED 2008. SAME AS EXHIBIT "X" PROPERTY LINE MAP FOR SOUTH SUBURBAN AIRPORT, JUNE 20, 2010.
- SEE SHEET 6 FOR OBSTACLES THAT IMPACT THE INAUGURAL RUNWAYS BASED ON OBSTACLE DATA OBTAINED FROM FAA DIGITAL OBSTACLE FILE DATED JULY 24, 2011.
- IT IS RECOMMENDED THAT AN OBSTRUCTION SURVEY BE PERFORMED.
- PROPOSED 2% GRADING SHOWN FOR 200' FROM RUNWAY THRESHOLD THEN GRADED TO THE EXISTING GROUND ELEVATION.

REFERENCE:

- LATITUDE AND LONGITUDE ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83).
- VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83).

DRAFT

TRANSPORTATION

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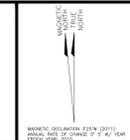
SSA
SouthSuburbanAirport

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 RUNWAY 27R
INNER PORTION OF THE
APPROACH SURFACE DRAWING



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

SHEET NO. **10**