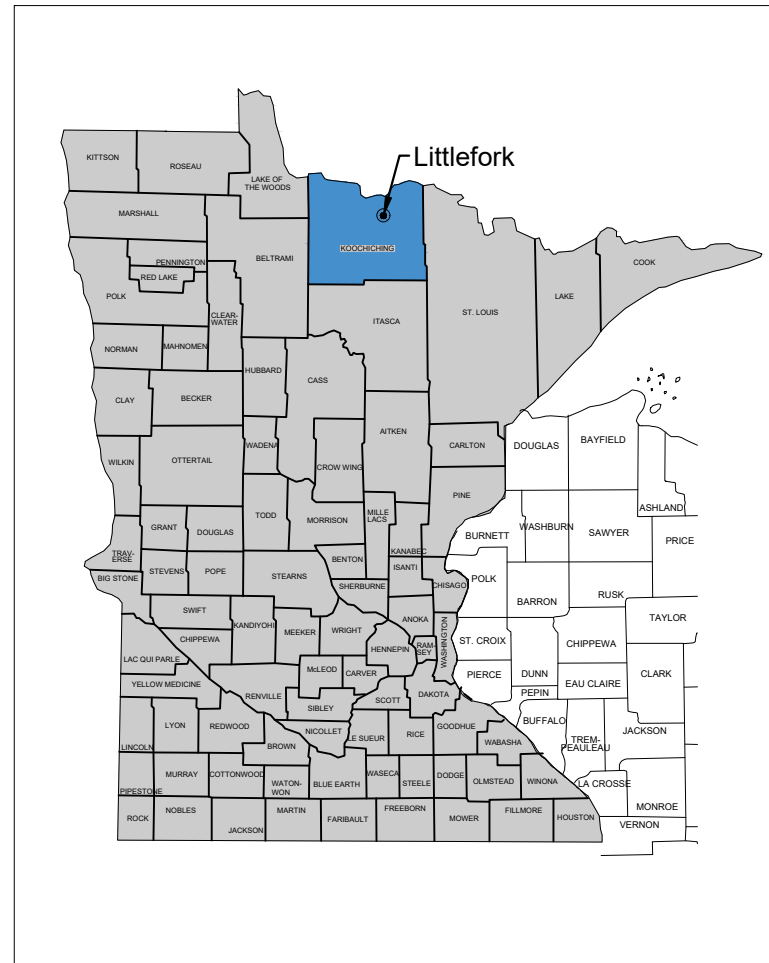


Airport Zoning Ordinance Maps

Littlefork Municipal/Hanover Airport (13Y)

Littlefork, Minnesota
January 17, 2024



County Map



Location Map

Index of Sheets	
1.	Title Sheet
2.	Airport Airspace Height Zoning Plan
3.	Airport Land Use Zoning Plan
4.	Existing Runway 9 MnDOT Safety Zones
5.	Existing Runway 27 MnDOT Safety Zones

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LITTLEFORK MUNICIPAL/HANOVER AIRPORT
LITTLEFORK, MINNESOTA

AIRPORT ZONING ORDINANCE MAPS

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NO.	MARK	DATE	DESCRIPTION

REVISIONS

DESIGNER: BEH
DRAWN BY: BEH
QA/QC: MRU
DESIGN TEAM

STATE GRANT: A3603-12

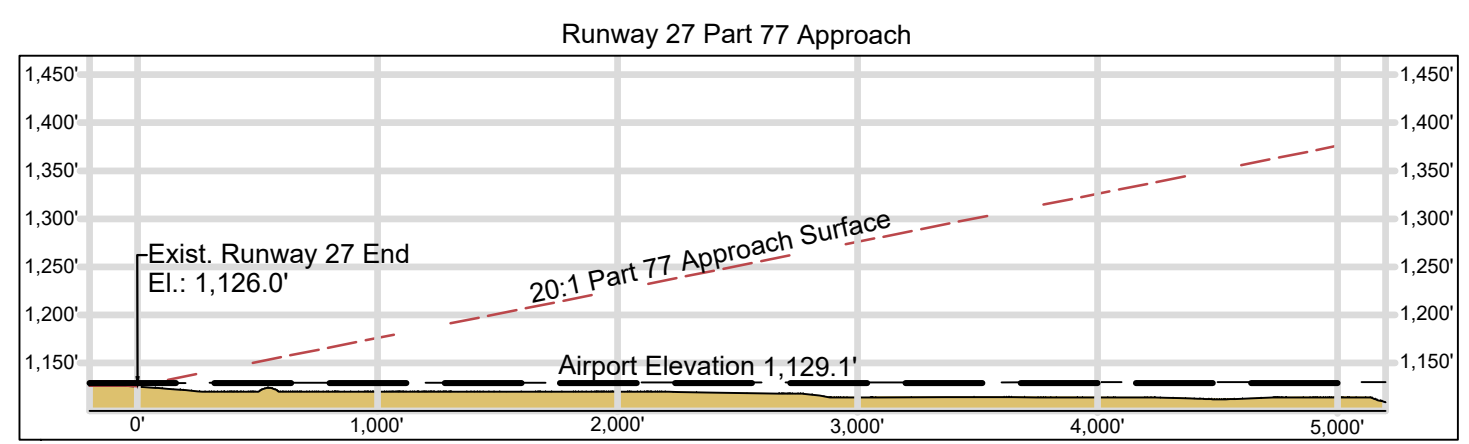
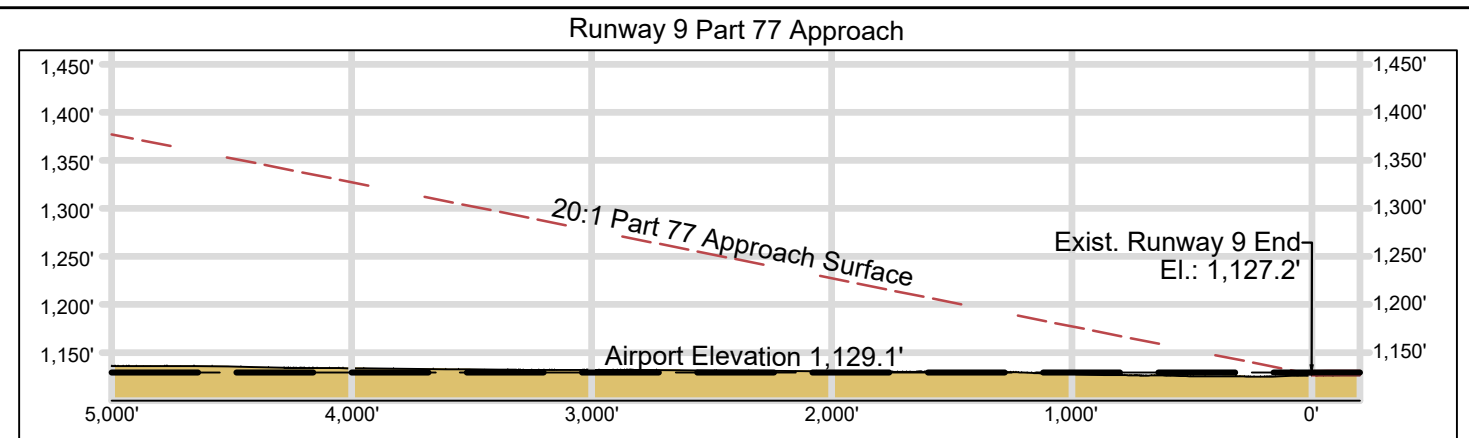
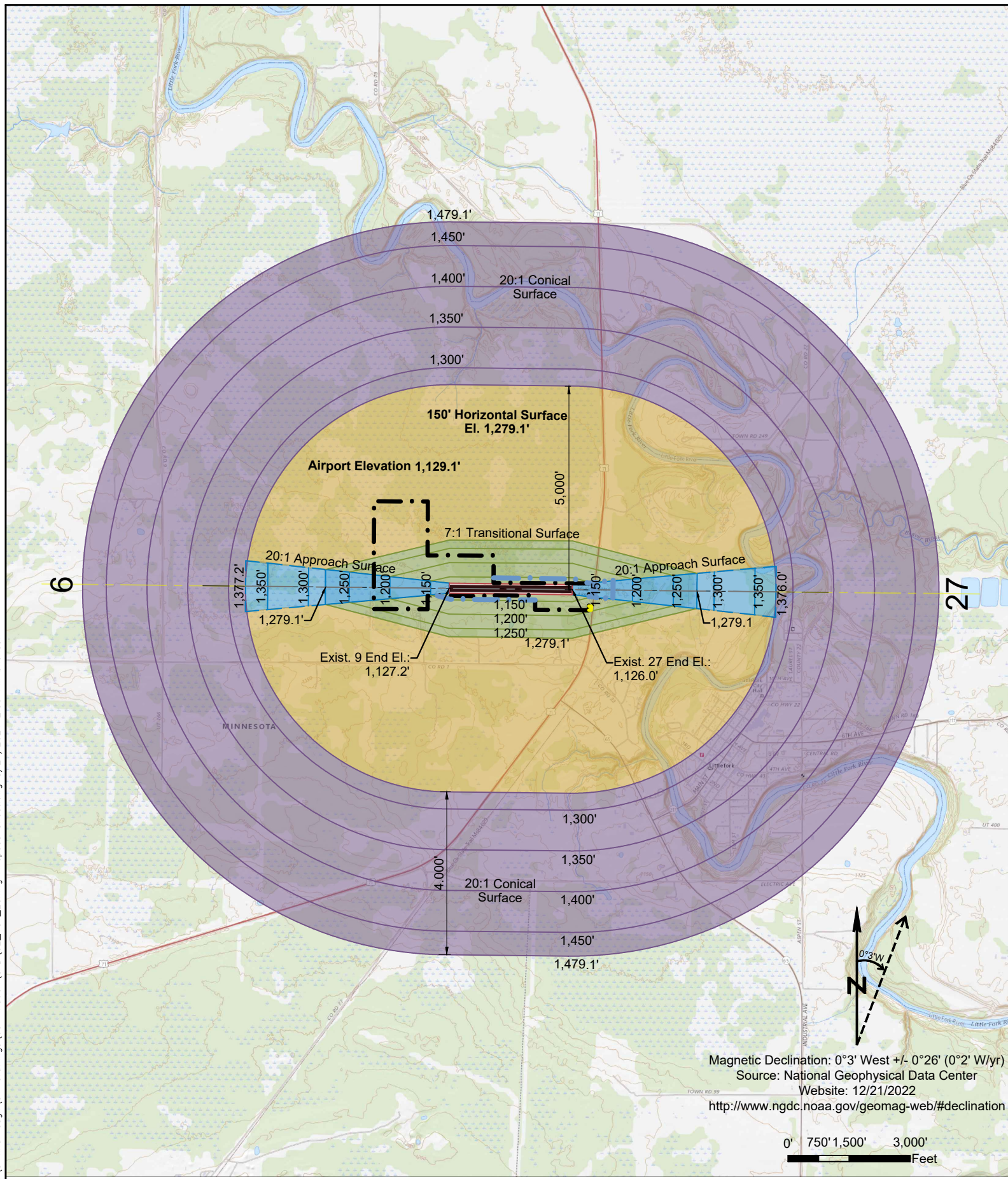
SEH FILE NO. LITFO 174581

DATE: JANUARY 17, 2024

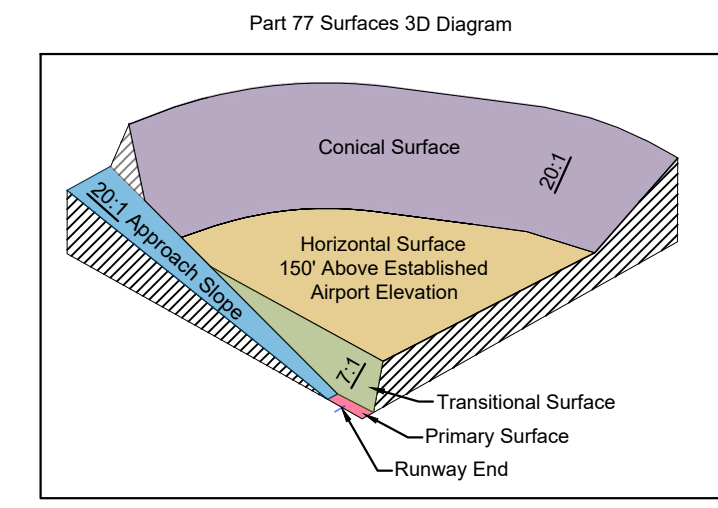
TITLE SHEET

SHEET NO.
1 of 5

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Part 77 Approach Surface Dimensions				
Runway	Inner Width	Length	Outer Width	Slope
9	250'	5,000'	1,250'	20:1
27	250'	5,000'	1,250'	20:1

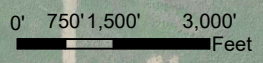


Legend	
Symbol	Item
	Existing Property Line
	Future Property Line
	Future Easement



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Magnetic Declination: 0°3' West +/- 0°26' (0°2' W/yr)
 Source: National Geophysical Data Center
 Website: 12/21/2022
<http://www.ngdc.noaa.gov/geomag-web/#declination>



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Airport Land Use Zoning Plan

STATE GRANT: A3603-12 SEH FILE NO. LITFO 174581 DATE: JANUARY 17, 2024

SHEET NO.
3 of 5

Littlefork Municipal/Hanover Airport Zoning Ordinance

General: Subject to all times to the height restrictions set forth in Section IV B, no use shall be made of any land in any of the safety zones defined in Section V A which creates or causes interference with the operations of radio or electronic facilities on the airport or with radio or electronic communications between airport and aircraft, makes it difficult for pilots to distinguish between airport lights and other lights, results in glare in the eyes of pilots using the airport, impairs visibility in the vicinity of the airport, or otherwise endangers the landing, taking off, or maneuvering of aircraft.

Zone A: Subject to all times to the height restrictions set forth in Section IV B and to the general restrictions contained in Subsection V B 1, areas designated as Zone A shall contain no buildings, temporary structures, exposed transmission lines, or other similar above-ground land use structural hazards, and shall be restricted to those uses which will not create, attract or bring together an assembly of persons thereon. Permitted uses may include, but are not limited to, such uses as agriculture (seasonal crops), horticulture, animal husbandry, raising of livestock, wildlife habitat, light outdoor recreation (nonspectator), cemeteries, and automobile parking.

Zone B: Subject to all times to the height restriction set forth in Subsection IV B and to the general restrictions contained in Subsection V B 1, areas designated as Zone B shall be restricted in use as follows:

- Each use shall be on a site whose area shall not be less than three acres.
- Each use shall not create, attract, or bring together a site population that would exceed 15 times that of the site acreage.
- Each site shall have no more than one building plot upon which any number of structures may be erected.
- A building plot shall be single, uniform and non-contrived area, whose shape is uncomplicated and whose area shall not exceed the following minimum ratios with respect to the total site area:

Site Area		Ratio of Site Area to Bldg. Plot Area	Building Plot Area (Sq. Ft.)	Max. Site Population (15 Persons/A)
At Least (Acres)	But Less Than (Acres)			
3	4	12:1 12:1	10,900	45
4	6	10:1 10:1	17,400	60
6	10	8:1 8:1	32,700	90
10	20	6:1 6:1	72,600	150
20	and up	4:1	218,000	300

- The following uses are specifically prohibited in Zone B: Churches, hospitals, schools, theaters, stadiums, hotels, motels, trailer courts, campgrounds, and other places of frequent public or semi-public assembly.

Zone C: Zone C is subject only to height restrictions set forth in Section V B and to the general restrictions contained in Section V B 1.

Airport Safety Zoning Dimensions								
Exist. Safety Zoning	Runway	Planned Runway Length	Safety Zone A			Safety Zone B		
			Length	Inner Width	Outer Width	Length	Inner Width	Outer Width
9/27	3,000'	2,000'	250'	650'	1,000'	650'	850'	
Safety Zone C Height Restriction: 5,000' Radius - No object shall exceed 1,279.1'								

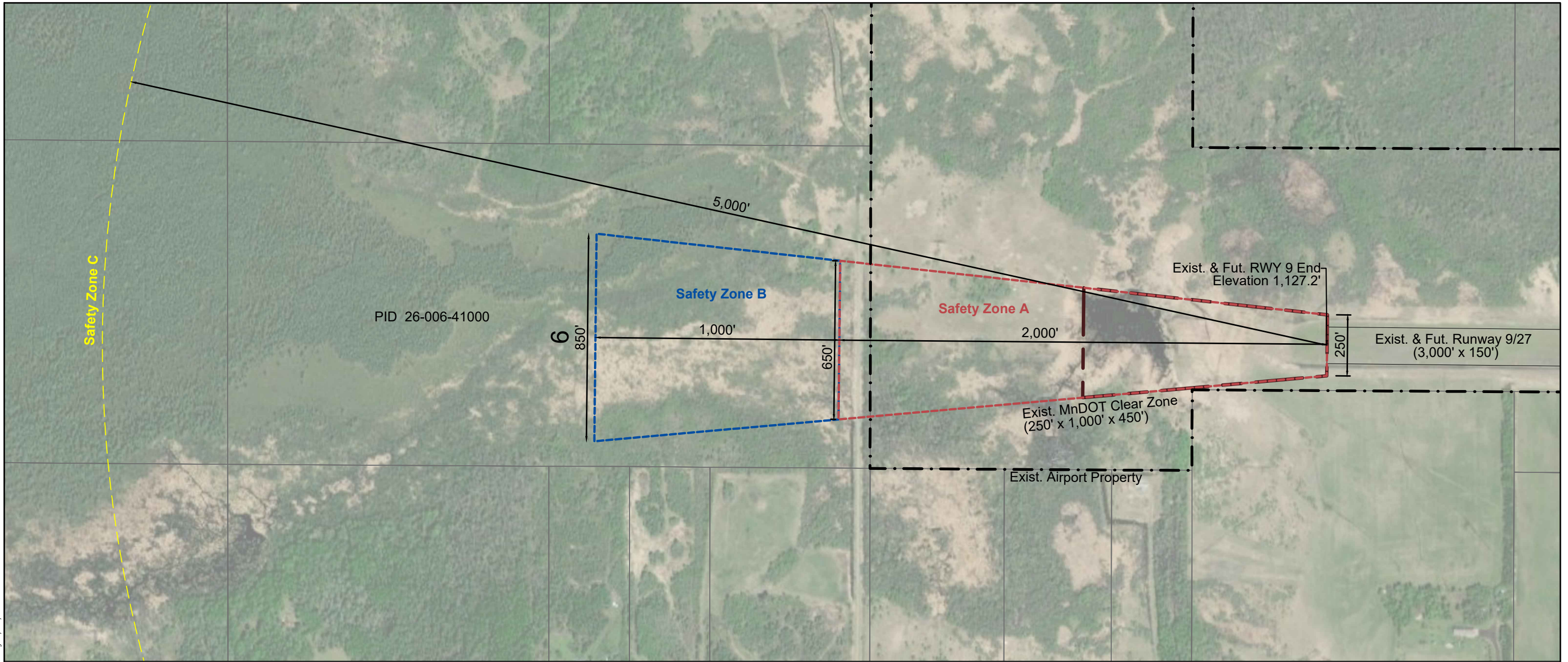
Legend	
	Existing Property Line
	Future Property Line
	Future Easement
	Existing MnDOT Clear Zone
	Turf Runway
	Proposed Safety Zone A
	Proposed Safety Zone B
	Proposed Safety Zone C
	Township Boundary
	Municipal Boundary

Public Facilities	
	Hospital
	Cemetery
	School
	Park
	Church

Runway Data Table	
Runway Length & Width	3,000' x 150'
Runway Type	Utility
Runway Design Code (RDC)	A-1 Small
Approach Reference Code	A/(Small)/VIS
Departure Reference Code	A/(Small)
Visibility Minimums	Visual
Runway Surface	Turf
Pavement Strength	N/A
Pavement Classification Number	N/A
Runway Effective Gradient	0.11%
Wind Coverage (10.5 Knots)	
All Weather	95.04%
VFR	95.02%
IFR	94.65%
Runway End Elevation	9: 1,127.2' 27: 1,126.0'
Runway End Station	9: 100+00 27: 130+00
Runway Lighting	Exist.: None Fut.: LIRLs
Runway Marking	Yellow Cones
14 CFR Part 77 Approach Category / Runway Approach Slope	20:1
Runway Approach Type	Visual
Runway Visual Instrument Aids (NAVAIDS)	None
Aeronautical Survey Required	N/A
Runway Departure Surface	No
Critical Aircraft	
RDC	Piper J-3 Cub
Approach Speed	A-1 Small
Wingspan	43 Knots
Max. Takeoff Weight	38' 0"
Note: N/A = Not Applicable	

Airport Coordinates		
Runway 9	Lat.	48° 24' 29.64" N
	Long.	93° 35' 06.82" W
Runway 27	Lat.	48° 24' 29.50" N
	Long.	93° 34' 22.02" W
Airport Reference Point	Lat.	48° 24' 29.57" N
	Long.	93° 34' 44.42" W

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Legend	
Symbol	Item
	Existing Property Line
	Existing MnDOT Clear Zone
Photo	Turf Runway
	Proposed Safety Zone A
	Proposed Safety Zone B
	Proposed Safety Zone C
	Existing Parcel

Magnetic Declination: 0°3' West +/- 0°26' (0°2' W/yr)

 Source: National Geophysical Data Center

 Website: 12/21/2022

<http://www.ngdc.noaa.gov/geomag-web/#declination>



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 LITTLEFORK, MINNESOTA
AIRPORT ZONING ORDINANCE MAPS
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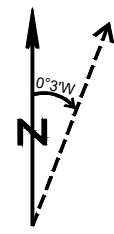
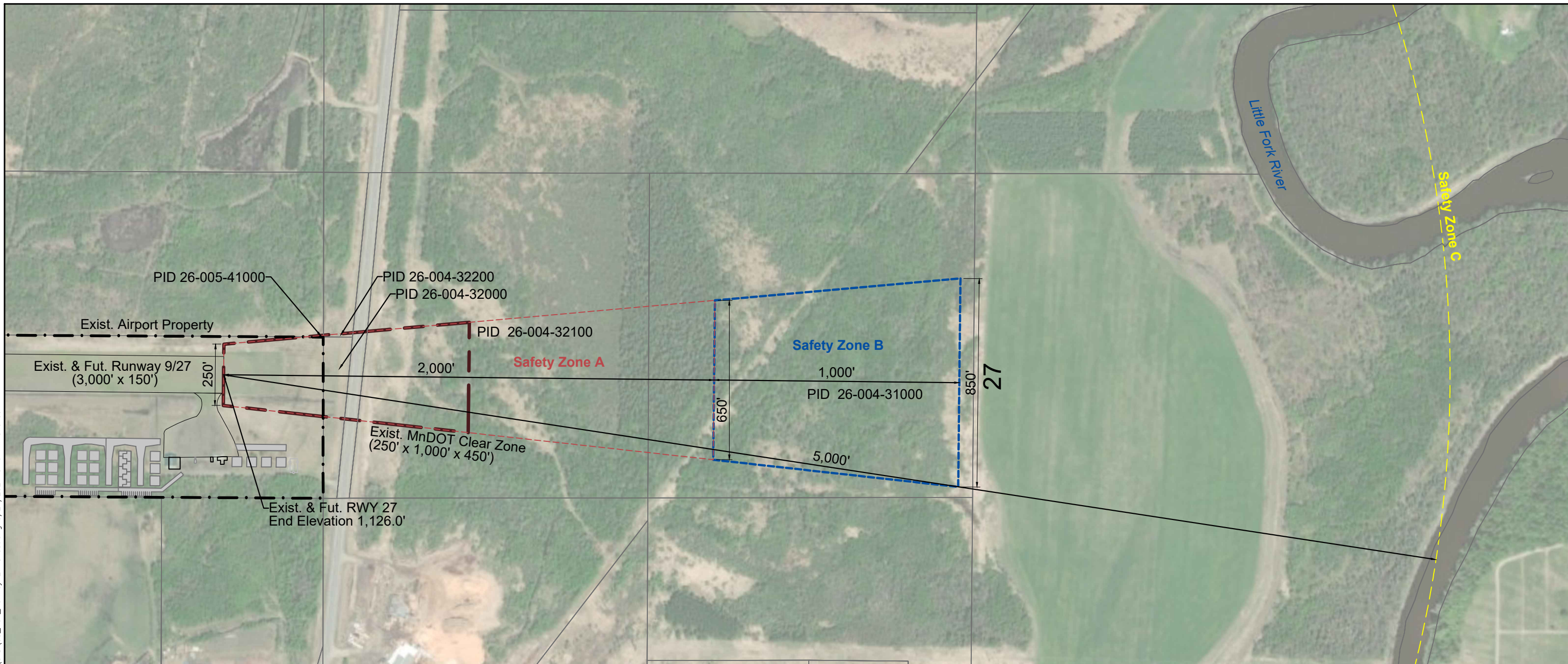
DESIGNER: BEH
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 DESIGN TEAM

Runway 9 MnDOT Safety Zones

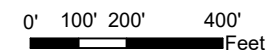
STATE GRANT: A3603-12 SEH FILE NO. LITFO 174581 DATE: JANUARY 17, 2024

SHEET NO.
 4 of 5

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Magnetic Declination: 0°3' West +/- 0°26' (0°2' W/yr)
 Source: National Geophysical Data Center
 Website: 12/21/2022
<http://www.ngdc.noaa.gov/geomag-web/#declination>



Legend	
Symbol	Item
	Existing Property Line
	Existing MnDOT Clear Zone
	Turf Runway
	Proposed Safety Zone A
	Proposed Safety Zone B
	Proposed Safety Zone C
	Existing Parcel



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Runway 27 MnDOT Safety Zones
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