Colliers
Engineering & Design

ODOT-District 6 Office
400 E William St
Delaware, Ohio 43015

Re: Airway/Highway Clearance Analysis
FRA-SR 665
PID: 116359

Dear Mr. Gerges,

Collier's Engineering & Design has reviewed the above-mentioned project and has determined that the project will not encroach into the 100:1 (X:1) notification surface. This determination is based on an airport elevation of 904.2 (A) feet, a project estimated elevation of 899.3 (B) feet, with a distance of 17,370 (C) feet between the airport and the project location (i.e. "Traverse Way"). The attached report provides a detailed analysis of the study completed. The study has also determined that a height of 178.6 (Z) feet exists between the (100:1) notification surface and the estimated project elevation. Comparing this calculated height to the heights provided within ODOT's Location and Design Manual Volume 2 Figure 1407-3, plan note G118B will not be required.

Respectfully,

Mike Gramza, PE
Project Manager

Colliers Engineering & Design

Airway Highway Analysis Report

PID 116359 FRA-SR 665

June 10, 2024

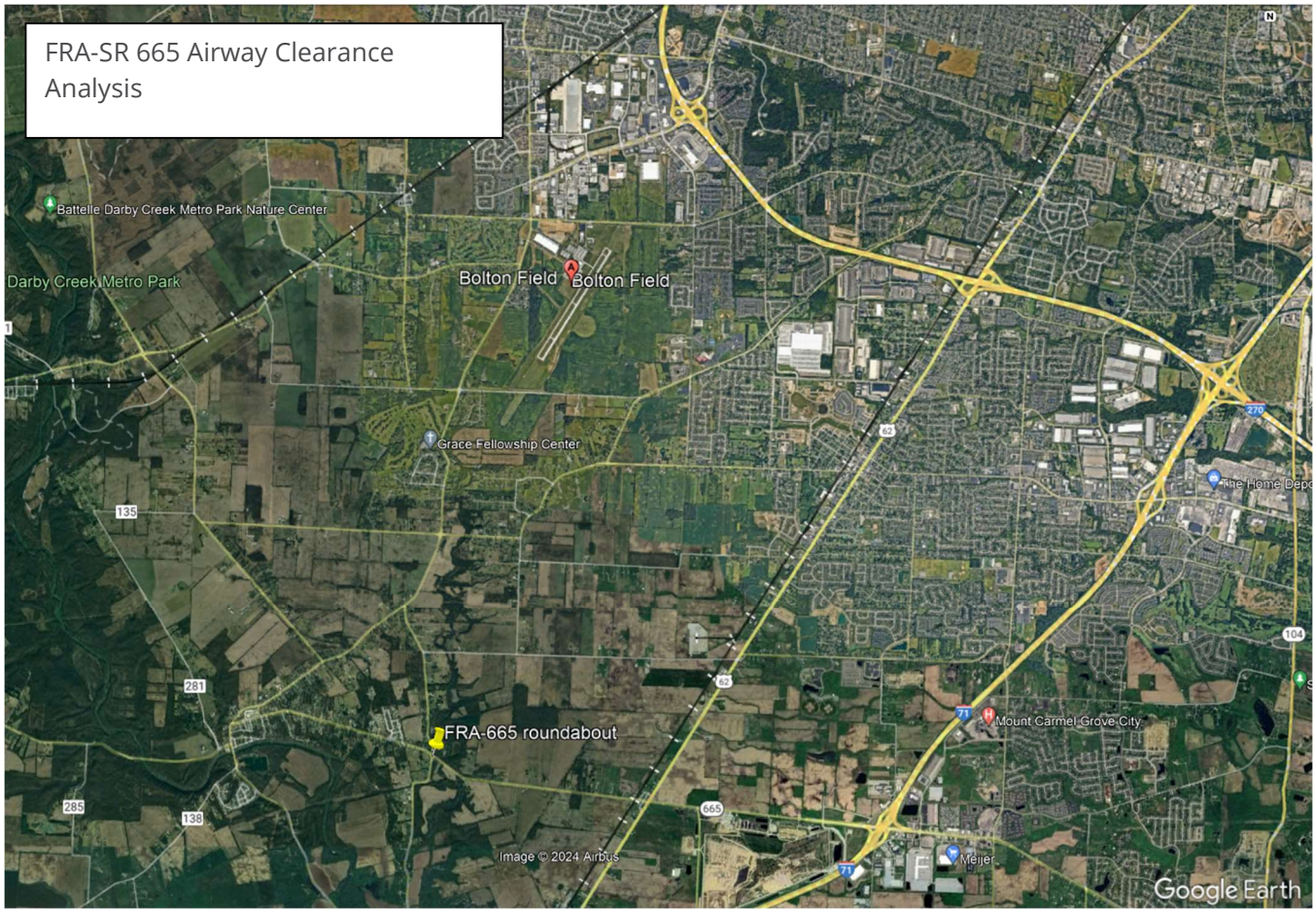


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1.0 Airway Highway Clearance

1.1 BOLTON FIELD REGIONAL AIRPORT INFORMATION

COLUMBUS **TZR**

Bolton Field

N 39°-54'-4.20" W 83°-8'-12.90"



Imagery Source: ODOT Imagery Date: 08/13/2022

COLUMBUS TZR Elevation 904.2'

Bolton Field

N 39°-54'-4.20" W 83°-8'-12.90"

AWOS/ASOS: **135.925** **(614) 878-1722**

Communications

ATIS:	**135.925**	Clnc Del:	**CMH APCH (614) 338-8537**
Tower:	**128.1**	Unicom:	
Ground:	**121.8**	Runway Lights:	**128.1**
Dep/App:	**134.0 Columbus App/Dep**		

Runway Information

Runway	L x W	Surface	Approach Aids	Dspl Thld
04/22	**5,500' X 100'**	**ASPH**	**P4L MALSR /P4L REIL**	

Traffic Pattern: **STANDARD**

General Information

Owner:	COLUMBUS REGIONAL ARPT AUTH
Manager:	CHARLIE GOODWIN, CHARLES GOODWIN
Arpt Add:	2000 NORTON RD COLUMBUS, OH 43228
Phone:	(614) 851-9900
FBO:	Capitol City Jet Center (877) 403-1200

Attended:	Months	Days	Hours
	ALL	ALL	0730-1930

Food: J.P. Ribs (614) 878-7422 (on field)

Services

Fuel:	100LL A1+
Repairs:	MAJOR MAJOR
Storage:	HGR/TIE

Remarks

H24 EMERG OPS 614-239-4029. | RWY 04 CALM WIND RWY. | 100LL AVBL H24 SELF SVC VIA CREDIT CARD. | PPR CTC AMGR FOR INFO. | WHEN ATCT CLSD ACTVT MALSR RWY 04; REIL RWY 22; MIRL RWY 04/22 - CTAF. | FOR CD WHEN ATCT IS CLSD CTC COLUMBUS APCH AT 614-338-8537. | FOR FUEL & ACFT SVCS CTC FBO ON 123.3. | BIRDS & OTR WILDLIFE ON & INVOF ARPT. |

1.2 AIRWAY HIGHWAY CLEARANCE ANALYSIS

The runway is approximately 17,370 feet (C) from the nearest edge of shoulder of SR 665, based on the Traverse Way to the Nearest Point of Nearest Runway according to L&D Volume 3 Figure 1407-1.

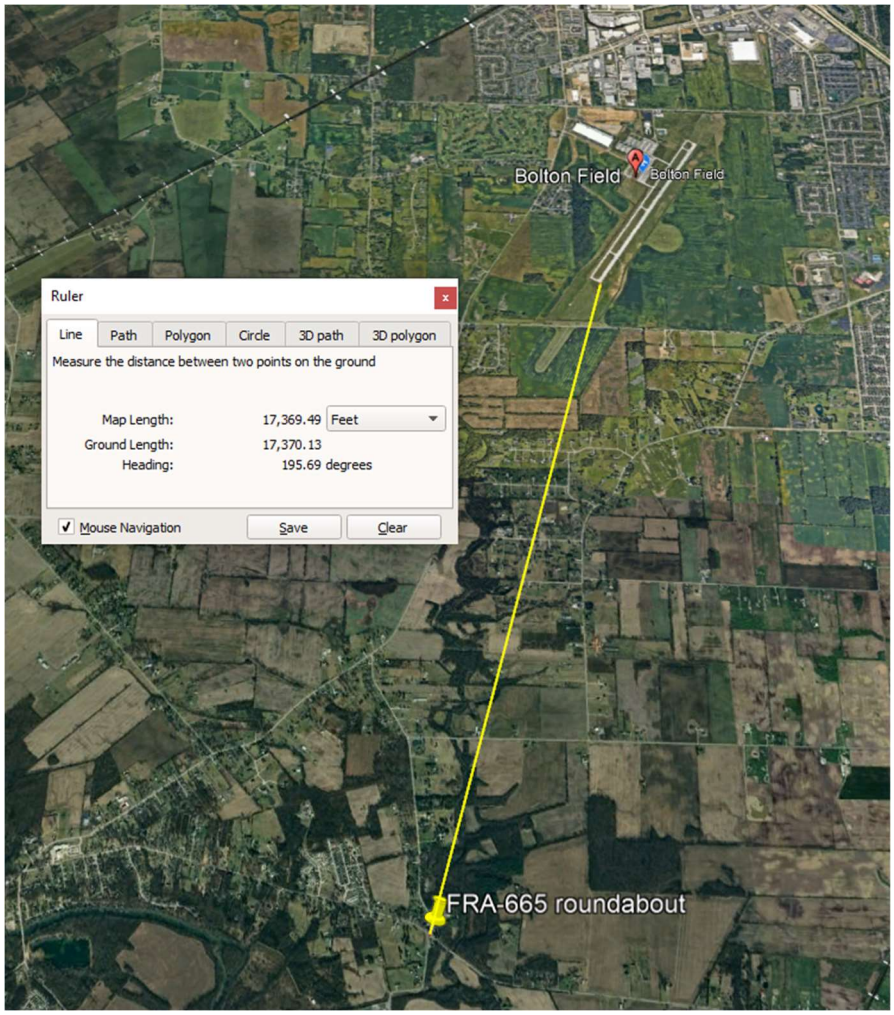


Figure 1.1 Distance C between Airport and Traverse Way

Since the runway length is more than 3200', a 100:1 slope was used to determine the imaginary notification surface. The calculation below shows a height of **178.6** feet exists between the (100:1) notification surface and the project elevation, which is above the required construction equipment height of **25'** for "Resurfacing" work and approximately **40'** for "Highway Lighting" work per L&D Volume 3 Figure 1407-3. Furthermore, the 178.6' height meets the permanent additional upward height of **15'** for vehicles traveling on the highway. Neither the temporary construction vehicles nor the permanent vehicle travel would penetrate the notification surface. Therefore, no further coordination with the Federal Aviation Administration (FAA) and ODOT Office of Aviation, will be necessary prior to operating such equipment on the project.

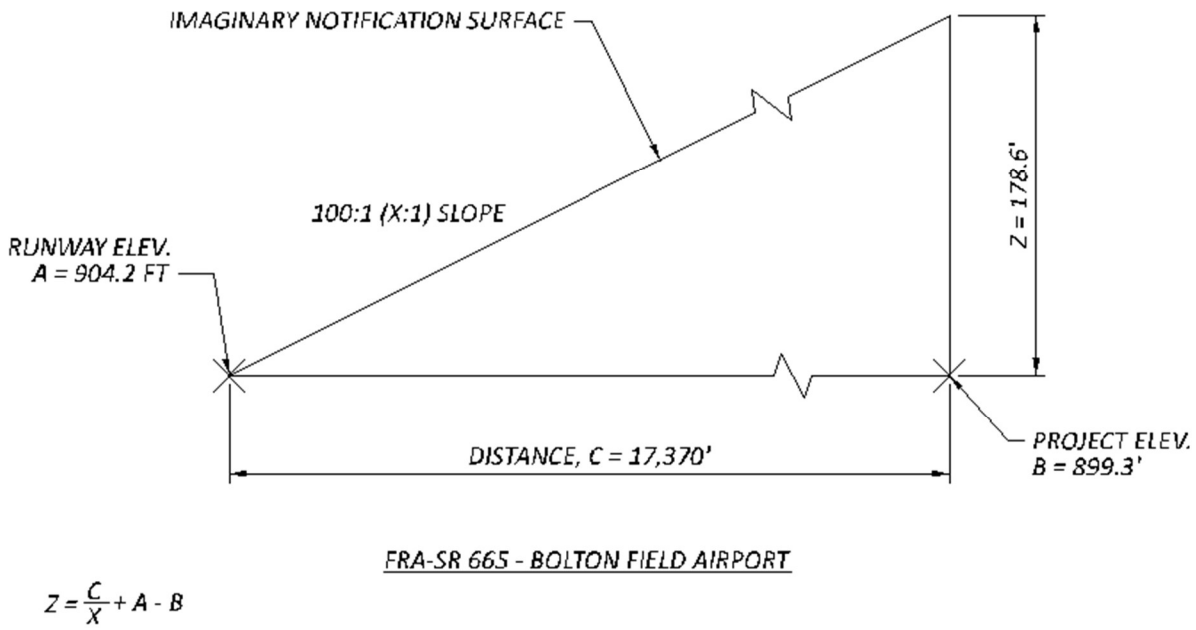


Figure 1.2 Diagram to calculate Elevation Z between Imaginary Notification Surface and Project