

Ms. Julie Fahy P.E.,
Project Manager
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Subject:
Airway/Highway Clearance Analysis
LUC-23-11.75
PID:

Date:
November 18, 2020

Dear Ms. Fahy:

We have reviewed the above-mentioned project and have determined that the project will encroach into the 100:1 (1407.1.2) notification surface. This determination is based on an airport elevation of 671 feet, and heliport elevation of 661 feet, a project elevation of 652 feet, with a distance of 11,611 feet between the airport and the project locations. The attached diagram and spreadsheet will provide a detailed analysis of the study. The study has also determined that a height of 85.11' exists between 100:1 notification surface and the project. Therefore, based on this height and the heights from Figure 1407-3, plan note G118A will not be required.

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Respectfully,

ARCADIS U.S., Inc.



Kevin D. Kehres, PE
Project Manager



Airway/Highway Clearance Analysis
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LOCATION NAME	LATITUDE	LONGITUDE	FROM FIG. 1404-7								
			ELEV. A	NEAR ELEV.	LOCATION OF NEAR ELEV.	OBJECT	OBJECT HEIGHT FROM FIG. 1404-3	ELEV. B	DIST. C	X:1	Z *
TOLEDO SUBURBAN AIRPORT	N 41°44'09"	W 83°39'21"	671.00		TOLEDO SUBURBAN AIRPORT						
FLOWER HOSPITAL HELIPORT	N 41°42'50"	W 83°41'54"	661.00		FLOWER HOSPITAL HELIPORT						
END OF WORK (TO TOLEDO SUBURBAN AIRPORT)	N 41°42'56"	W 83°41'02"		646	BEGINNING OF PROJECT (NEAREST POINT TO TOLEDO SUBURBAN AIRPORT)	CRANE	50	696	10642	100	81.42
HIGHEST POINT OVER US-23 (HIGHEST POINT OF PROJECT)	N 41°42'55"	W 83°41'18"		652	HIGHEST POINT OVER US-23 (TO TOLEDO SUBURBAN AIRPORT)	CRANE	50	702	11611	100	85.11
NEAREST POINT TO FLOWER HOSPITAL HELIPORT	N 41°42'30"	W 83°41'19"		641	NEAREST POINT TO FLOWER HOSPITAL HELIPORT	CRANE	50	691	3338	25	103.52

* Z IS THE AMOUNT OF CLEARANCE, -Z WILL REQUIRE NOTIFICATION

