

# CLI-US 22-1000

FAA Airway/Highway Clearance Analysis

April 30, 2019

Calculated By LAS



Object:	West End of Project	Oak St Signal Poles	Davids Rd Signal Poles	Nearest Paving point	East End of Project
Station:	18+83	36+86	96+78	100+57	172+55

Latitude	39.446153	39.447305	39.451778	39.45212	39.457796
Longitude	-83.818215	-83.812017	-83.791601	-83.790339	-83.765934
Elevation of Pavement	1035.25	1055.16	1072.91	1072.11	1060.1
Pole/Structure Adjustment		30'	30'		
Highest Elevation of Permanent Feature	1035.25	1085.16	1102.91	1072.11	1060.1
Traverse Way Adjustment	15'	15'	15'	15'	15'
Height of Temporary Structure	25'	50'	50'	25'	25'
Highest Elevation of Temporary Feature	1060.25	1105.16	1122.91	1097.11	1085.1
Distance to nearest end of runway to project			3,551'	3,550'	
Is Horizontal Distance <20,000 feet?			YES	YES	

<b>Wilmington Air Park KILN</b>	
Runway Length	10,701' from AirNav.com
Official Airport/Heliport Elevation	1076.7 from AirNav.com

Is construction 200' above ground?	NO	NO	NO	NO
<b>FAA Notification Required?</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

Is Horizontal Distance <20,000 feet?			YES	YES
Is Runway Length >3,200 feet			YES	YES
100:1 Height			35.5'	35.5'
100:1 Elevation			1112.2	1112.2
Does permanent feature penetrate airway?			NO	NO
Does traversing vehicles penetrate airway?			NO	NO
Does temporary conditions penetrate airway?			YES	NO
Available elevation above traversing vehicles			24.3'	25.1'
<b>FAA Notification Required?</b>			<b>YES</b>	<b>NO</b>

Is Horizontal Distance <10,000 feet?			YES	YES
Is Runway Length >3,200 feet			YES	YES
50:1 Height			71.0'	71.0'
50:1 Elevation			1147.7	1147.7
Does permanent feature penetrate airway?			NO	NO
Does traversing vehicles penetrate airway?			NO	NO
Does temporary conditions penetrate airway?			NO	NO
Available elevation above traversing vehicles			59.8'	60.6'
<b>FAA Notification Required?</b>			<b>NO</b>	<b>NO</b>

Is Horizontal Distance <5,000 feet?			YES	YES
Is this a Heliport?			NO	NO
25:1 Height			142.0'	142.0'
25:1 Elevation			1218.7	1218.7
Does permanent feature penetrate airway?			NO	NO
Does traversing vehicles penetrate airway?			NO	NO
Does temporary conditions penetrate airway?			NO	NO
Available elevation above traversing vehicles			130.8'	131.6'
<b>FAA Notification Required?</b>			<b>NO</b>	<b>NO</b>

<b>Is FAA Notification Required?</b>	<b>YES</b> for temporary conditons
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