



**Federal Aviation Administration**

11677 South Wayne Road  
Suite 107  
Romulus, MI 48174

FAA - Detroit Airports District Office

November 09, 2021

TO:

Burke Lakefront Airport  
Attn: Nicholas Belluardo  
5300 Riverside Drive  
Cleveland, OH 44181  
nbelluardo@clevelandairport.com

RE: (See attached Table 1 for referenced case(s))  
\*\*FINAL DETERMINATION\*\*

Table 1 - Letter Referenced Case(s)

ASN	Prior ASN	Location	Latitude (NAD83)	Longitude (NAD83)	AGL (Feet)	AMSL (Feet)
2021-AGL-9316-NRA		CLEVELAND,OH	41-31-21.83N	81-40-03.56W	15	598
2021-AGL-9317-NRA		CLEVELAND,OH	41-31-24.97N	81-40-03.56W	15	598
2021-AGL-9318-NRA		CLEVELAND,OH	41-31-29.28N	81-40-05.18W	15	598
2021-AGL-9319-NRA		CLEVELAND,OH	41-31-31.99N	81-40-07.37W	15	606
2021-AGL-9320-NRA		CLEVELAND,OH	41-31-37.32N	81-40-09.86W	15	601
2021-AGL-9321-NRA		CLEVELAND,OH	41-31-36.72N	81-40-12.49W	20	613
2021-AGL-9322-NRA		CLEVELAND,OH	41-31-28.73N	81-40-28.30W	20	613
2021-AGL-9323-NRA		CLEVELAND,OH	41-31-30.36N	81-40-30.42W	20	613
2021-AGL-9324-NRA		CLEVELAND,OH	41-31-31.73N	81-40-31.25W	20	613
2021-AGL-9325-NRA		CLEVELAND,OH	41-31-32.86N	81-40-32.93W	125	698
2021-AGL-9326-NRA		CLEVELAND,OH	41-31-45.26N	81-39-47.86W	20	606
2021-AGL-9327-NRA		CLEVELAND,OH	41-31-42.58N	81-40-12.82W	15	597
2021-AGL-9328-NRA		CLEVELAND,OH	41-31-49.37N	81-40-01.70W	15	598
2021-AGL-9329-NRA		CLEVELAND,OH	41-31-39.30N	81-40-05.61W	15	610
2021-AGL-9330-NRA		CLEVELAND,OH	41-31-49.14N	81-39-59.72W	40	635
2021-AGL-9331-NRA		CLEVELAND,OH	41-31-50.75N	81-40-01.65W	125	698
2021-AGL-9332-NRA		CLEVELAND,OH	41-31-48.47N	81-39-58.64W	20	615
2021-AGL-9333-NRA		CLEVELAND,OH	41-31-38.23N	81-39-55.85W	20	610
2021-AGL-9334-NRA		CLEVELAND,OH	41-31-39.81N	81-40-04.47W	20	610
2021-AGL-9335-NRA		CLEVELAND,OH	41-31-37.48N	81-40-09.38W	20	609
2021-AGL-9336-NRA		CLEVELAND,OH	41-31-32.70N	81-40-07.05W	20	610
2021-AGL-9337-NRA		CLEVELAND,OH	41-31-37.17N	81-39-57.91W	20	608
2021-AGL-9338-NRA		CLEVELAND,OH	41-31-39.46N	81-40-04.92W	20	610
2021-AGL-9339-NRA		CLEVELAND,OH	41-31-33.21N	81-40-08.26W	1	582
2021-AGL-9340-NRA		CLEVELAND,OH	41-31-24.82N	81-40-26.48W	1	580
2021-AGL-9341-NRA		CLEVELAND,OH	41-31-31.94N	81-40-33.18W	1	574
2021-AGL-9342-NRA		CLEVELAND,OH	41-31-43.27N	81-40-13.27W	1	577
2021-AGL-9343-NRA		CLEVELAND,OH	41-31-53.95N	81-39-54.35W	1	571
2021-AGL-9344-NRA		CLEVELAND,OH	41-31-43.60N	81-39-44.05W	1	570
2021-AGL-9345-NRA		CLEVELAND,OH	41-31-31.57N	81-40-05.33W	1	578
2021-AGL-9346-NRA		CLEVELAND,OH	41-31-31.13N	81-40-05.31W	1	577
2021-AGL-9347-NRA		CLEVELAND,OH	41-31-30.88N	81-40-06.67W	1	581

If FDC NOTAMS ARE REQUIRED, the following Airport Operations Contact(s) (AOC) are approved to handle FDC NOTAM coordination.

The AOC must create and/or log into their OE/AAA account and select "Search Archives". The aeronautical study number (ASN) associated with the proposed obstruction is to be entered (see FAA determination letter for ASN). The NOTAM can be extended or cancelled through the AOC's account. If the AOC is having difficulty using the tool, please contact the OE/AAA support desk at 202-580-7500 or refer to the online instructions.

Name	Email	Phone
Anthony Campofredano	ACampofredano@clevelandairport.com	(216) 781-6411
Joel Woods	jwoods@clevelandairport.com	(216) 781-6411

Description: CSPP document for the placement and removal of dredge material at Burke Lakefront Airport as carried out by the USACE and Cleveland-Cuyahoga County Port Authority Point 1: AIRPORT ACCESS CONTROL GATE & HAUL ROUTE

We do not object with conditions to the construction described in this proposal provided:

You comply with the requirements set forth in FAA Advisory Circular 150/5370-2, "Operational Safety on Airports During Construction."

1. This study did not include analysis of an airport access control gate.
2. There shall be no equipment or construction activity in the runway safety area (RSA), object free area (OFA) or object free zones (OFZ) of existing runways.
3. Construction activity must not impact navigational aids (NAVAIDS).
4. ASN: 2021-AGL-9319-NRA: This temporary equipment will exceed the RWY 24R Part 77 Approach surface. This equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.
5. ASN: 2021-AGL-9320-NRA, 2021-AGL-9321-NRA, 2021-AGL-9322-NRA, 2021-AGL-9323-NRA, 2021-AGL-9324-NRA, 2021-AGL-9325-NRA: This Temporary Equipment is within the Primary surface of RWY 06L/24R. It is not frangible and is not fixed by function, should the safety concerns be mitigated and/or the proposed location remain unchanged after further review, then the equipment shall be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Vehicular equipment shall be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport. Potential mitigation options include runway closure during construction activities. If the runway is to remain open, NOTAMs are required to identify the construction equipment location and identify the revisions (if applicable) to the declared distances data due to the construction activity.

6. ASN: 2021-AGL-9321-NRA: The CENTRAL FPT has completed the review of the proposed construction at Burke Lakefront (BKL), Cleveland, OH. There is IFR EFFECT and procedural NOTAMs are required. At 613, the obstacle penetrates Rwy 6L Departure Initial Climb Area (ICA) 6.93 feet. It is a low-close-in penetration requiring a NOTAM to identify the location and height of obstruction. NOTAM should read TAKE-OFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, NOTE: RWY 6L, MEN AND EQUIPMENT BEGINNING 946 FT FROM DER, 742 FT LEFT OF CENTERLINE, 20 AGL/613 MSL. NEH 13 AGL/606. All requests for FDC NOTAM action must be made utilizing the users OE/AAA account. The Sponsor (or Sponsor's representative) is to log into their OE/AAA account and go to "Search Archives". The aeronautical study number (ASN) associated with the proposed obstruction is to be entered (see FAA determination letter for ASN). If the Sponsor (or Sponsor's representative) is having difficulty using the tool please contact the OE/AAA support desk at 202-580-7500 or refer to the online instructions. Request must be initiated a minimum of 5 business days prior to conducting operations/construction to allow for processing and issuance of NOTAMS. The Sponsor (or Sponsor's representative) is responsible to verify NOTAMS are active prior to beginning operations.

7. ASN: 2021-AGL-9326-NRA: This temporary equipment will exceed the RWY 24R (PROPOSED) Part 77 Approach surface. This equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

8. ASN: 2021-AGL-9327-NRA, 2021-AGL-9330-NRA, 2021-AGL-9331-NRA: This Temporary Equipment will exceed the RWY 06L/24R (PROPOSED) Part 77 Transitional surface. This Equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

9. ASN: 2021-AGL-9329-NRA: This temporary equipment will exceed the RWY 24R Part 77 Approach surface. This equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

10. ASN: 2021-AGL-9332-NRA: This temporary equipment will exceed the RWY 24R (PROPOSED) Part 77 Approach surface. This equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

11. ASN: 2021-AGL-9333-NRA: This Temporary Equipment will exceed the RWY 06L/24R (PROPOSED) Part 77 Transitional surface. This Equipment must be marked/lighted with flags and red obstruction lights

in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

12. ASN: 2021-AGL-9334-NRA: This Temporary Equipment is within the Primary surface of RWY 06L/24R (PROPOSED). It is not frangible and is not fixed by function, should the safety concerns be mitigated and/or the proposed location remain unchanged after further review, then the equipment shall be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Vehicular equipment shall be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport. Potential mitigation options include runway closure during construction activities. If the runway is to remain open, NOTAMs are required to identify the construction equipment location and identify the revisions (if applicable) to the declared distances data due to the construction activity.

13. ASN: 2021-AGL-9335-NRA: This Temporary Equipment will exceed the RWY 06L/24R Part 77 Transitional surface. This Equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

14. ASN: 2021-AGL-9336-NRA: This temporary equipment will exceed the RWY 24R Part 77 Approach surface. This equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport. Airports Division must coordinate with the Airport Authority on mitigating any 20:1 impact.

The CENTRAL FPT has completed the review of the proposed construction at Burke Lakefront (BKL), Cleveland, OH. There is IFR EFFECT and procedural NOTAMs are required. At 610, the obstacle penetrates Rwy 6L Departure Initial Climb Area (ICA) 0.57 feet. It is a low-close-in penetration requiring a NOTAM to identify the location and height of obstruction. NOTAM should read TAKE-OFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, NOTE: RWY 6L, MEN AND EQUIPMENT BEGINNING 1081 FT FROM DER, 177 FT LEFT OF CENTERLINE, 20 AGL/610 MSL. NEH 19 AGL/609. All requests for FDC NOTAM action must be made utilizing the users OE/AAA account. The Sponsor (or Sponsor's representative) is to log into their OE/AAA account and go to "Search Archives". The aeronautical study number (ASN) associated with the proposed obstruction is to be entered (see FAA determination letter for ASN). If the Sponsor (or Sponsor's representative) is having difficulty using the tool please contact the OE/AAA support desk at 202-580-7500 or refer to the online instructions. Request must be initiated a minimum of 5 business days prior to conducting operations/construction to allow for processing and issuance of NOTAMS. The Sponsor (or Sponsor's representative) is responsible to verify NOTAMS are active prior to beginning operations.

15. ASN: 2021-AGL-9337-NRA: This Temporary Equipment will exceed the RWY 06L/24R (PROPOSED) Part 77 Transitional surface. This Equipment must be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Temporary vehicular equipment must be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport.

16. ASN: 2021-AGL-9338-NRA: This Temporary Equipment is within the Primary surface of RWY 06L/24R (PROPOSED). It is not frangible and is not fixed by function, therefore the temporary equipment will require additional review by the Airports Division to mitigate safety concerns. Should the safety concerns be mitigated and/or the proposed location remain unchanged after further review, then the equipment shall be marked/lighted with flags and red obstruction lights in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, Chapters 3, 4, 5, and 12. Copy of the current AC 70/7460-1 can be viewed and/or downloaded at [https://www.faa.gov/regulations\\_policies/advisory\\_circulars/index.cfm/go/document.current/documentNumber/70\\_7460-1](https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.current/documentNumber/70_7460-1). Vehicular equipment shall be marked/lighted in accordance with AC 150/5210-5, Painting, Marking and Lighting of Vehicles Used on an Airport. Potential mitigation options include runway closure during construction activities. If the runway is to remain open, NOTAMs are required to identify the construction equipment location and identify the revisions (if applicable) to the declared distances data due to the construction activity.

17. ASN: 2021-AGL-9339-NRA, 2021-AGL-9341-NRA, 2021-AGL-9342-NRA, 2021-AGL-9343-NRA, 2021-AGL-9344-NRA, 2021-AGL-9345-NRA, 2021-AGL-9346-NRA, 2021-AGL-9347-NRA: CSPP reviewed as a planning document and this evaluation does not include any obstacle evaluations. Any changes to the runway physical end latitude/longitude coordinates or elevations must be uploaded into this iOEAAA runway/database, to ensure the FAR Part 77 and TP calculations are run on the most recent data. All proposed construction projects (terminal buildings, taxiways, etc), and associated equipment must be filed separately as individual studies for impact on the National Airspace System.

Prior to commencement of any excavation, proponent must coordinate all project work in the vicinity of underground power utility and communication cables as soon as possible, preferably a minimum of three weeks in advance of project start, with the local Tech Ops POC.

Construction Safety Phasing Plan (CSPP) must be coordinated with the local Technical Operations SSC office prior to construction, at least 30 days in advance.

Your proposal impacts the following National Airspace System (NAS) equipment:

ASN: 2021-AGL-9316-NRA, 2021-AGL-9317-NRA, 2021-AGL-9318-NRA, 2021-AGL-9319-NRA, 2021-AGL-9320-NRA, 2021-AGL-9321-NRA, 2021-AGL-9322-NRA, 2021-AGL-9323-NRA, 2021-AGL-9324-NRA, 2021-AGL-9325-NRA, 2021-AGL-9326-NRA, 2021-AGL-9327-NRA, 2021-AGL-9328-NRA, 2021-AGL-9329-NRA, 2021-AGL-9330-NRA, 2021-AGL-9331-NRA, 2021-AGL-9332-NRA, 2021-AGL-9333-NRA, 2021-AGL-9334-NRA, 2021-AGL-9335-NRA, 2021-AGL-9336-NRA, 2021-AGL-9337-NRA, 2021-AGL-9338-NRA:

Prior to commencement of any excavation, proponent must coordinate all project work in the vicinity of underground power utility and communication cables as soon as possible, preferably a minimum of three weeks in advance of project start, with the local Tech Ops POC.

Tech Ops POC: James Norton, Cleveland Radar SSCM, O: 216-352-2220, M: 440-752-9758,  
james.norton@faa.gov

The Airport sponsor shall notify the FAA's Air Traffic Organization (ATO) Planning and Requirements (P&R) Service Area office a minimum of 45 days prior to the "physical construction start date" for this project. Submit FAA Form entitled Airport Sponsor Strategic Event Submission Form including all date, time and/or duration changes via email to 9-AJV-SEC- CSA@faa.gov.

A separate notice to the FAA is required for any construction equipment, such as temporary cranes, whose working limits would exceed the height and lateral dimensions of your proposal.

This determination does not constitute FAA approval or disapproval of the physical development involved in the proposal. It is a determination with respect to the safe and efficient use of navigable airspace by aircraft and with respect to the safety of persons and property on the ground.

In making this determination, the FAA has considered matters such as the effects the proposal would have on existing or planned traffic patterns of neighboring airports, the effects it would have on the existing airspace structure and projected programs of the FAA, the effects it would have on the safety of persons and property on the ground, and the effects that existing or proposed manmade objects (on file with the FAA), and known natural objects within the affected area would have on the airport proposal.

This determination expires on May 9, 2023 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for the completion of construction, or the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be obtained at least 15 days prior to expiration date specified in this letter.

If you have any questions concerning this determination contact Evonne McBurrows (734) 229-2945  
Evonne.McBurrows@faa.gov. On any future correspondence concerning this matter, please refer to  
Aeronautical Study Number 2021-AGL-9316-NRA.

Evonne McBurrows  
ADO

**Signature Control No: 489086999-500658551**