



Mail Processing Center  
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Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2011-AGL-8018-OE

Issued Date: 12/22/2011

Tom Barnitz  
Ohio Department of Transportation, District 9  
650 Eastern Avenue  
Chillicothe, OH 45601

**\*\*DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE\*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Crane for Bridge over CSXT  
Location: Minford, OH  
Latitude: 38-50-21.50N NAD 83  
Longitude: 82-51-10.00W  
Heights: 650 feet site elevation (SE)  
100 feet above ground level (AGL)  
750 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, flag marker - Chapters 3(Marked)&12.

See attachment for additional condition(s) or information.

As a condition to this determination, the temporary structure must be lowered to the ground when not in use and during the hours between sunset and sunrise.

It is required that the manager of [ See page 3 ] be notified at least 5 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 100 feet above ground level (750 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 12/22/2012 unless extended, revised or terminated by the issuing office.

**NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.**

This determination is based, in part, on the foregoing description which includes specific coordinates and heights. Any changes in coordinates and/or heights will void this determination. Any future construction or alteration, including increase to heights, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (817) 321-7763. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AGL-8018-OE

**Signature Control No: 154722938-155698491**

( TMP )

Edward Dorsett  
Specialist

Attachment(s)  
Additional Information  
Map(s)

## Additional information for ASN 2011-AGL-8018-OE

CRANE SITE: (NATIONAL - for Bridge over CSXT)

AGL = above ground level / AMSL = above mean sea level

IAP = standard instrument approach procedure

MDA = minimum descent altitude / DA = descent altitude

LNAV = lateral navigation / VNAV - vertical navigation

RWY = runway / FPNM = feet per nautical mile

### Conditions for Operation of Temporary Crane

> The temporary equipment shall be obstruction flagged in accordance with FAA Advisory Circular 70/7460-1, "Obstruction Marking and Lighting." This document is available on the Internet at: <http://oeaaa.faa.gov>

> **ABSOLUTELY MANDATORY** - the temporary crane shall be lowered to the ground when not in use and during the hours of sunset to sunrise.

> **NOTIFICATION TO OUR OFFICE IS NOT REQUIRED FOR THIS DETERMINATION**

> Notify the Greater Portsmouth Regional Airport Manager or the Airport Manager's representative at (740) 820-2700 at least 5 business days prior to raising the temporary equipment and when the project is complete and the temporary equipment is removed from the site.

> At 100 feet AGL, the temporary equipment will have no impact on any IAP serving the Greater Portsmouth Regional Airport.

> The project is scheduled to take approximately 8 months to complete.

> This determination shall be valid until 12-22-2012. While the determination is valid, it is permissible to go back on this site without submitting a new FAA Form 7460-1, "Notice of Proposed Construction or Alteration." provided

a. The temporary equipment does not exceed a maximum height of 100 feet AGL.

b. Conditions above are met.

> **FAA FORM 7460-1, "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" SHALL BE SUBMITTED FOR ANY TEMPORARY CRANE GOING BACK ON THIS SITE THAT EXCEEDS THE MAXIMUM ALLOWABLE HEIGHT OF 100 FEET AGL.**

TOPO Map for ASN 2011-AGL-8018-OE



