



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76193

Aeronautical Study No.
2014-ASO-2559-OE

Issued Date: 03/26/2014

S. P. FENWICK
NCDOT/DOH/DIV. 1
113 AIRPORT DRIVE
SUITE 100
EDENTON, NC 27932

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

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:	Utility Pole Q0736 S090
Location:	Elizabeth City, NC
Latitude:	36-14-54.00N NAD 83
Longitude:	76-10-34.00W
Heights:	9 feet site elevation (SE) 50 feet above ground level (AGL) 59 feet above mean sea level (AMSL)

This aeronautical study revealed that the 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:

See attachment for additional condition(s) or information.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 50 feet above ground level (59 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 09/26/2015 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) 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 completion of construction, or the date the FCC denies the application.

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 , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, 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 the 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 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.

If we can be of further assistance, please contact our office at (404) 305-7084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2014-ASO-2559-OE.

Signature Control No: 208553090-211912619

(DNE)

Darin Clipper
Specialist

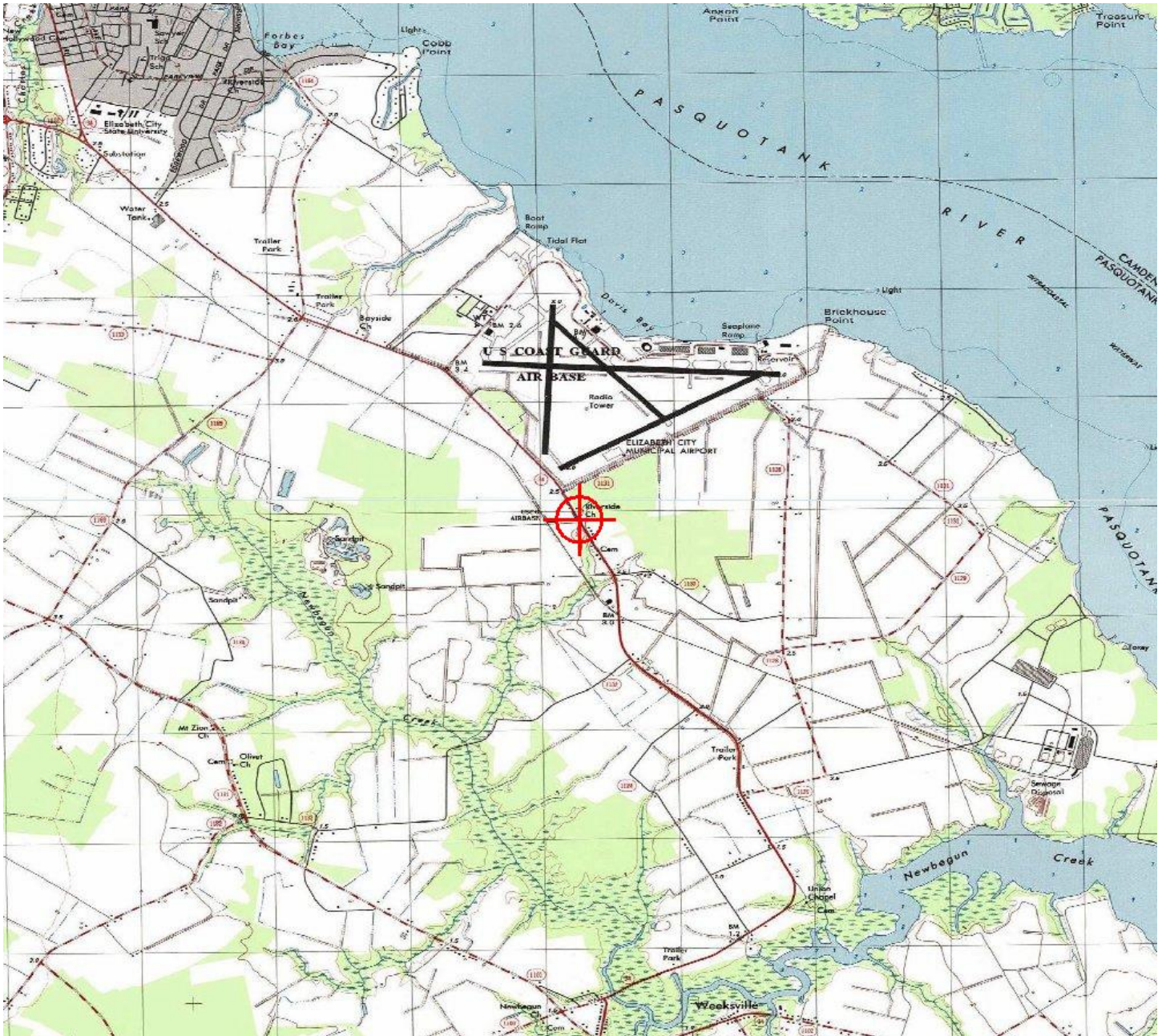
Attachment(s)
Additional Information
Case Description
Map(s)

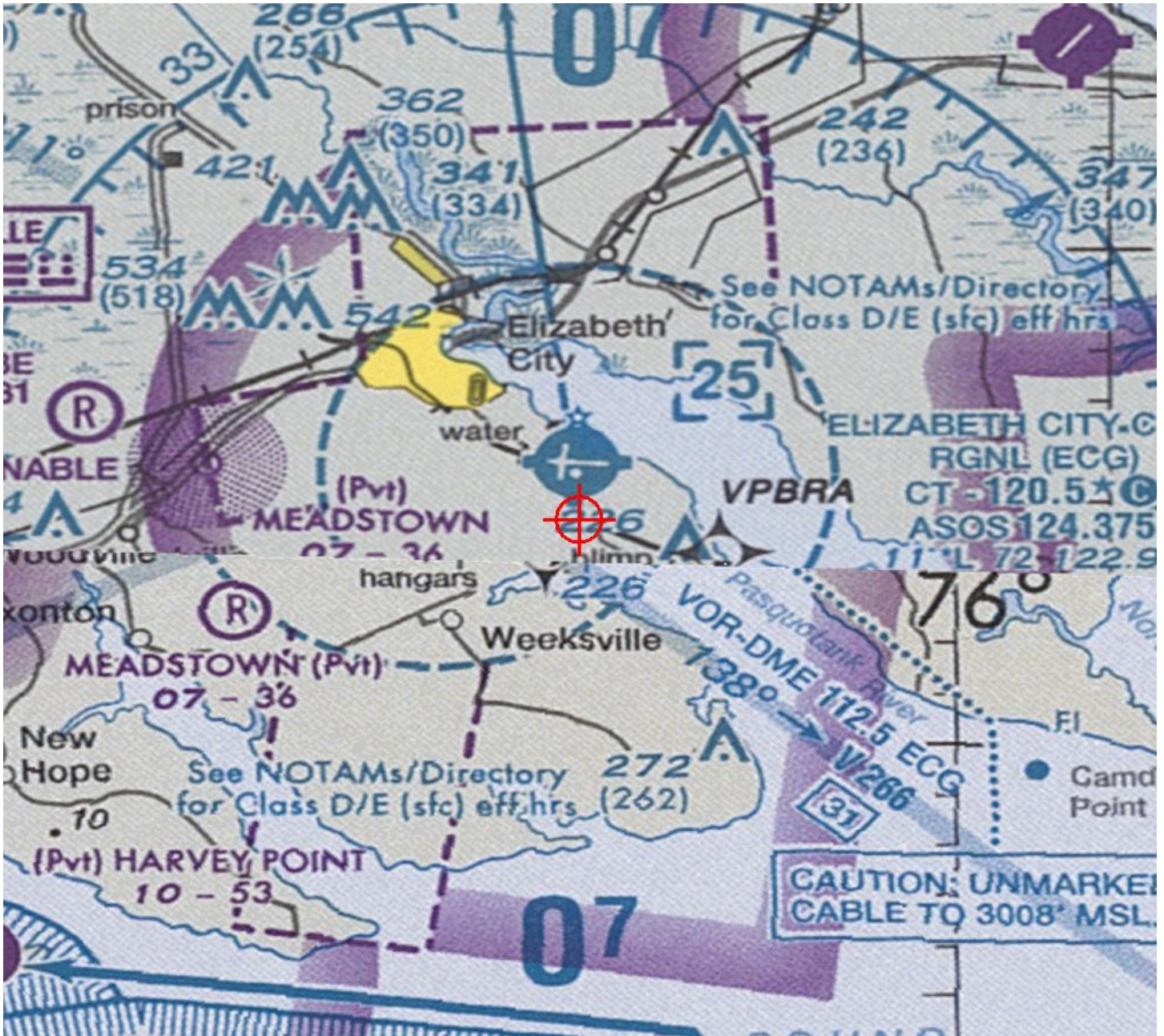
Additional information for ASN 2014-ASO-2559-OE

This determination is for one utility pole only. Each pole must be filed separately if it meets notice criteria.

Power Pole relocations

TOPO Map for ASN 2014-ASO-2559-OE







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Aeronautical Study No.
2013-ASO-7376-OE

Issued Date: 09/10/2013

S. P. FENWICK
NCDOT/DOH/DIV. 1
113 AIRPORT DRIVE
SUITE 100
EDENTON, NC 27932

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION
FOR TEMPORARY STRUCTURE** (CORRECTION)**

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:	Construction Equipment (for roadway widening)
Location:	Elizabeth City, NC
Latitude:	36-14-57.01N NAD 83
Longitude:	76-10-35.35W
Heights:	9 feet site elevation (SE) 15 feet above ground level (AGL) 24 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, flags/red lights - Chapters 3(Marked),4,5(Red),&12.

This determination expires on 05/10/2014 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 did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

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).

This determination cancels and supersedes prior determinations issued for this structure.

If you have any questions, please contact our office at (404) 305-7082. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7376-OE

Signature Control No: 196797287-197811118

(TMP)

Earl Newalu
Specialist



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Aeronautical Study No.
2013-ASO-7377-OE

Issued Date: 09/12/2013

S. P. FENWICK
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113 AIRPORT DRIVE
SUITE 100
EDENTON, NC 27932

****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:	Construction Equipment (for roadway widening)
Location:	Elizabeth City, NC
Latitude:	36-15-04.03N NAD 83
Longitude:	76-10-39.83W
Heights:	9 feet site elevation (SE) 15 feet above ground level (AGL) 24 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, flags/red lights - Chapters 3(Marked),4,5(Red),&12.

See attachment for additional condition(s) or information.

This determination expires on 05/12/2014 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 did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

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 (404) 305-7082. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7377-OE

Signature Control No: 196797288-198035513

(TMP)

Earl Newalu
Specialist

Attachment(s)
Additional Information

Additional information for ASN 2013-ASO-7377-OE

As a condition to this determination, the temporary equipment should be lowered and stored when not in use.

This temporary structure has no IFR or VFR effect to any military, public or private use airport.



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Aeronautical Study No.
2013-ASO-7378-OE

Issued Date: 09/11/2013

S. P. FENWICK
NCDOT/DOH/DIV. 1
113 AIRPORT DRIVE
SUITE 100
EDENTON, NC 27932

****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:	Construction Equipment for roadway widening)
Location:	Elizabeth City, NC
Latitude:	36-15-10.45N NAD 83
Longitude:	76-10-45.71W
Heights:	9 feet site elevation (SE) 15 feet above ground level (AGL) 24 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does exceed obstruction standards but 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, flags/red lights - Chapters 3(Marked),4,5(Red),&12.

See attachment for additional condition(s) or information.

It is required that the FAA be notified 3 business days prior to the temporary structure being erected and again when the structure is removed from the site. Notification should be made to this office through your registered e-filing account. Notification is necessary so that aeronautical procedures can be temporarily modified to accommodate the structure.

NOTIFICATION IS REQUIRED AGAIN THROUGH YOUR REGISTERED E-FILING ACCOUNT WHEN THE TEMPORARY STRUCTURE IS REMOVED FROM THE SITE FOR NOTICE TO AIRMAN (NOTAM) CANCELLATION.

It is required that the manager of Elizabeth City Coast Guard Air Station/Regional Airport at 252-335-5634 be notified at least 5 business days prior to the temporary structure being erected and again when the structure is removed from the site.

While the structure does not constitute a hazard to air navigation, it would be located within or near a military training area and/or route.

This determination expires on 06/11/2014 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 did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

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 (404) 305-7082. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7378-OE

Signature Control No: 196797289-197903623

(TMP)

Earl Newalu
Specialist

Attachment(s)
Additional Information

Additional information for ASN 2013-ASO-7378-OE

Proposal exceeds FAR 77.19 (d) the approach surface by 11 feet as applied to existing RWY 1 at Elizabeth City Coast Guard Air Station / Regional Airport (ECG) located in Elizabeth City, North Carolina.

Proposal has the following IFR effect at Elizabeth City CG Air Station/Rgnl (ECG) NC.

Obstacle penetrates Rwy 19 Initial Climb Area (ICA) by 7 feet.
NEH 17 AMSL.

IFR effects will be mitigated by NOTAM during the use of this crane.

Crane operator is expected to have his cell phone on and with him at all times while this crane is operating.

As a condition to this determination, the temporary equipment should be lowered and stored when not in use.



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Aeronautical Study No.
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Issued Date: 04/30/2014

S. P. FENWICK
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113 AIRPORT DRIVE
SUITE 100
EDENTON, NC 27932

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Construction Equipment (for roadway widening)
Location:	Elizabeth City, NC
Latitude:	36-14-57.01N NAD 83
Longitude:	76-10-35.35W
Heights:	9 feet site elevation (SE) 15 feet above ground level (AGL) 24 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 10/30/2015 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the 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.

If we can be of further assistance, please contact our office at (404) 305-7084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7376-OE.

Signature Control No: 196797287-216708392

Darin Clipper
Specialist

(EXT)

Attachment(s)
Additional Information
Case Description
Map(s)

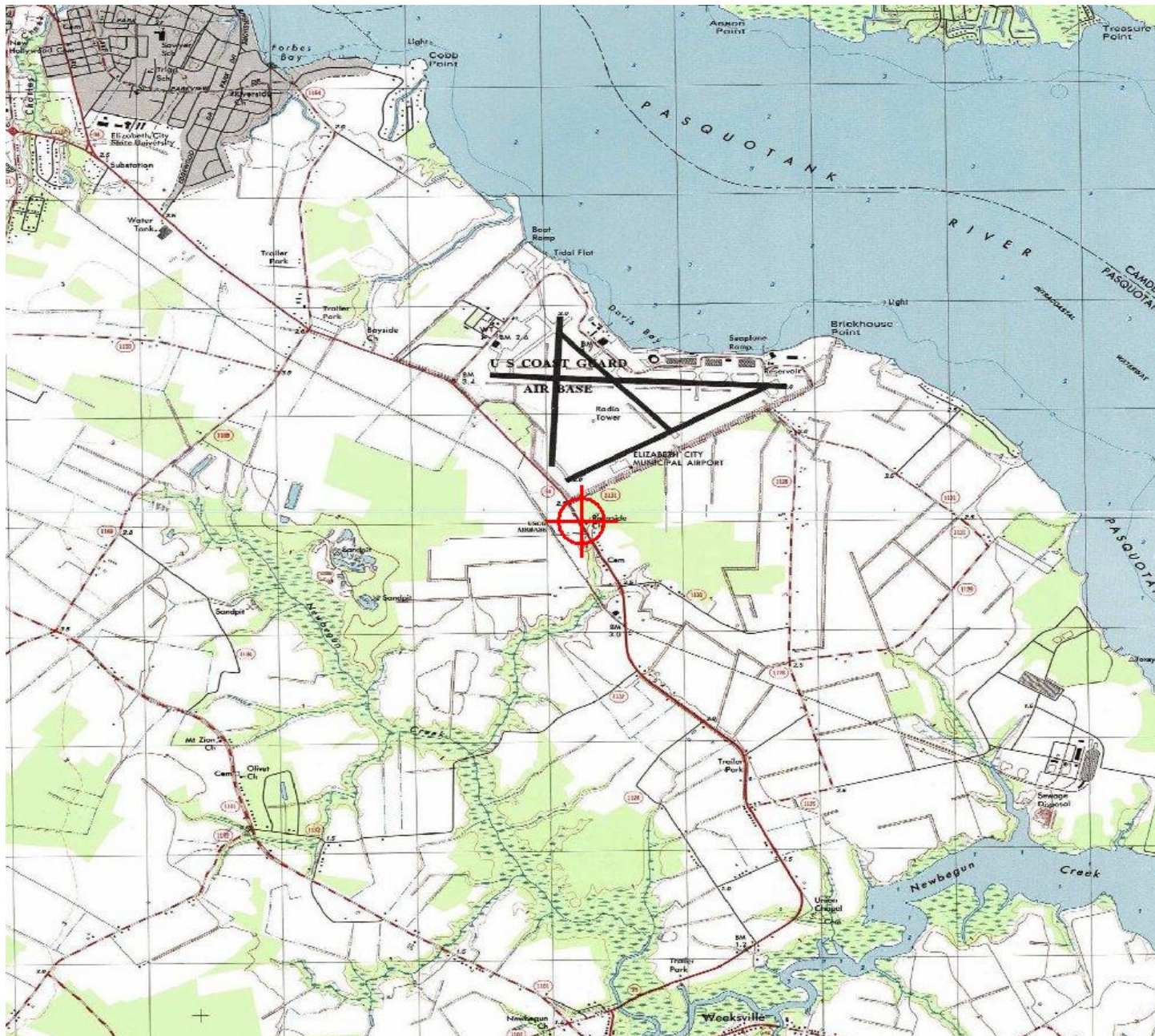
Additional information for ASN 2013-ASO-7376-OE

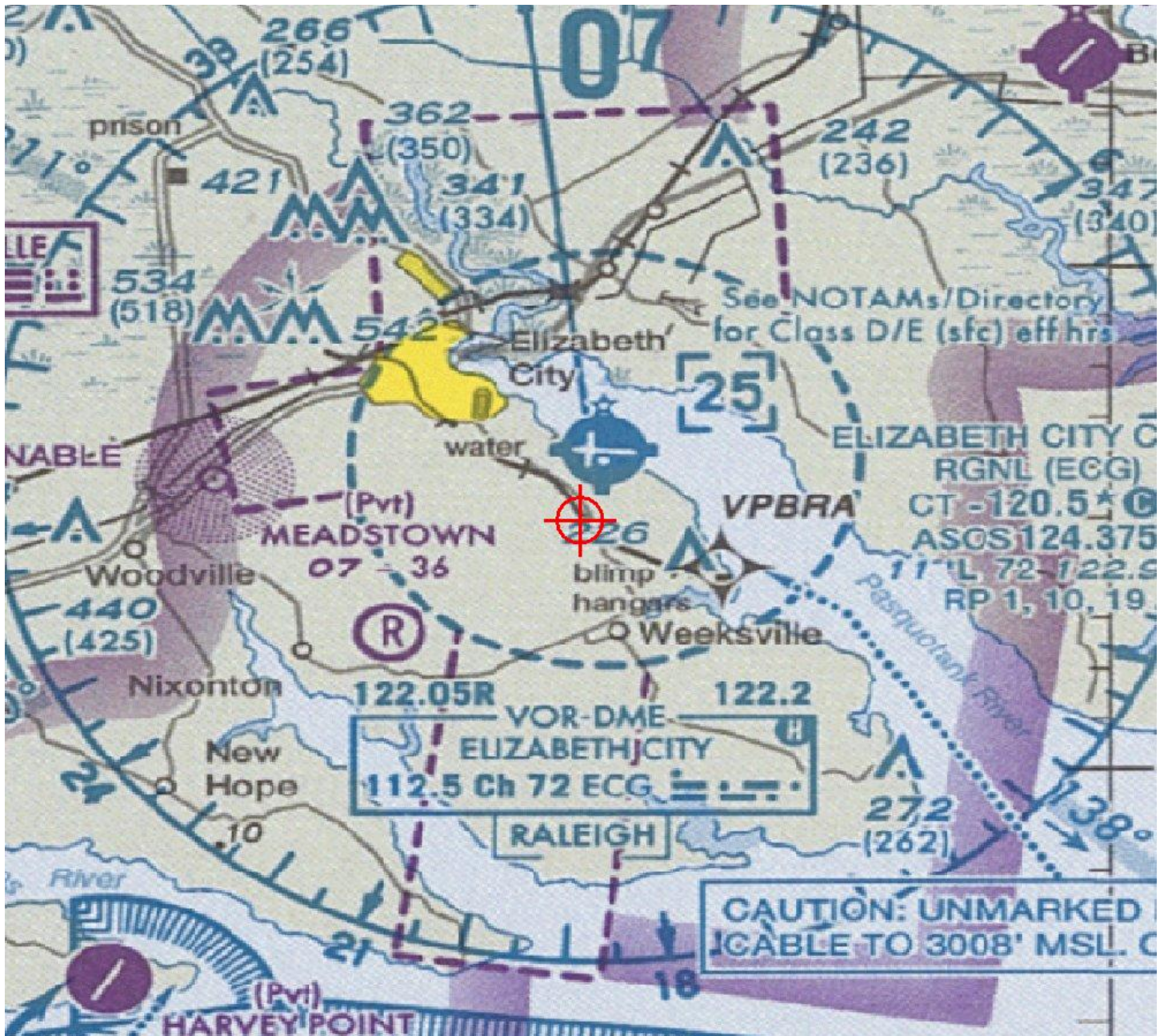
Any further extensions will require refiling with the FAA. Ensure all phone calls are made as stated in your original determinations.

Case Description for ASN 2013-ASO-7376-OE

Roadway widening for turn lane.

TOPO Map for ASN 2013-ASO-7376-OE







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Aeronautical Study No.
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Issued Date: 04/30/2014

S. P. FENWICK
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113 AIRPORT DRIVE
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**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Construction Equipment (for roadway widening)
Location:	Elizabeth City, NC
Latitude:	36-15-04.03N NAD 83
Longitude:	76-10-39.83W
Heights:	9 feet site elevation (SE) 15 feet above ground level (AGL) 24 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 10/30/2015 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the 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.

If we can be of further assistance, please contact our office at (404) 305-7084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7377-OE.

Signature Control No: 196797288-216708391

Darin Clipper
Specialist

(EXT)

Attachment(s)
Additional Information
Case Description
Map(s)

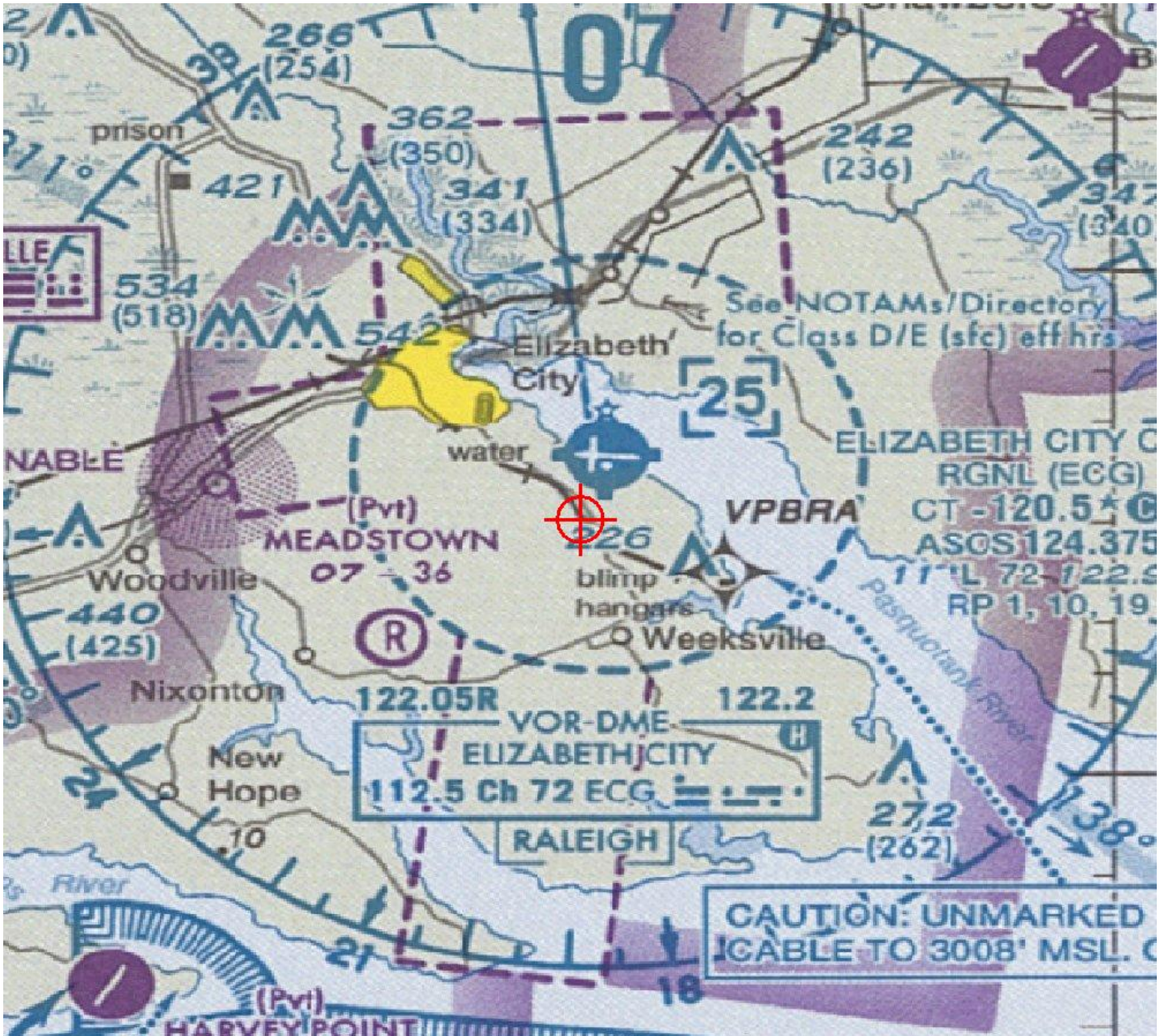
Additional information for ASN 2013-ASO-7377-OE

Any further extensions will require refiling with the FAA. Ensure all phone calls are made as stated in your original determinations.

Widening roadway for turn lane.

TOPO Map for ASN 2013-ASO-7377-OE







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Aeronautical Study No.
2013-ASO-7378-OE

Issued Date: 04/30/2014

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**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Construction Equipment for roadway widening)
Location:	Elizabeth City, NC
Latitude:	36-15-10.45N NAD 83
Longitude:	76-10-45.71W
Heights:	9 feet site elevation (SE) 15 feet above ground level (AGL) 24 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 10/30/2015 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the 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.

If we can be of further assistance, please contact our office at (404) 305-7084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7378-OE.

Signature Control No: 196797289-216708393

Darin Clipper
Specialist

(EXT)

Attachment(s)
Additional Information
Case Description
Map(s)

Additional information for ASN 2013-ASO-7378-OE

Any further extensions will require refiling with the FAA. Ensure all phone calls are made as stated in your original determinations.

Roadway widening for turn lane.

TOPO Map for ASN 2013-ASO-7378-OE



