



Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_11B
Location:	Newington, CT
Latitude:	41-43-11.71N NAD 83
Longitude:	72-44-00.44W
Heights:	70 feet site elevation (SE) 96 feet above ground level (AGL) 166 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-281-OE.

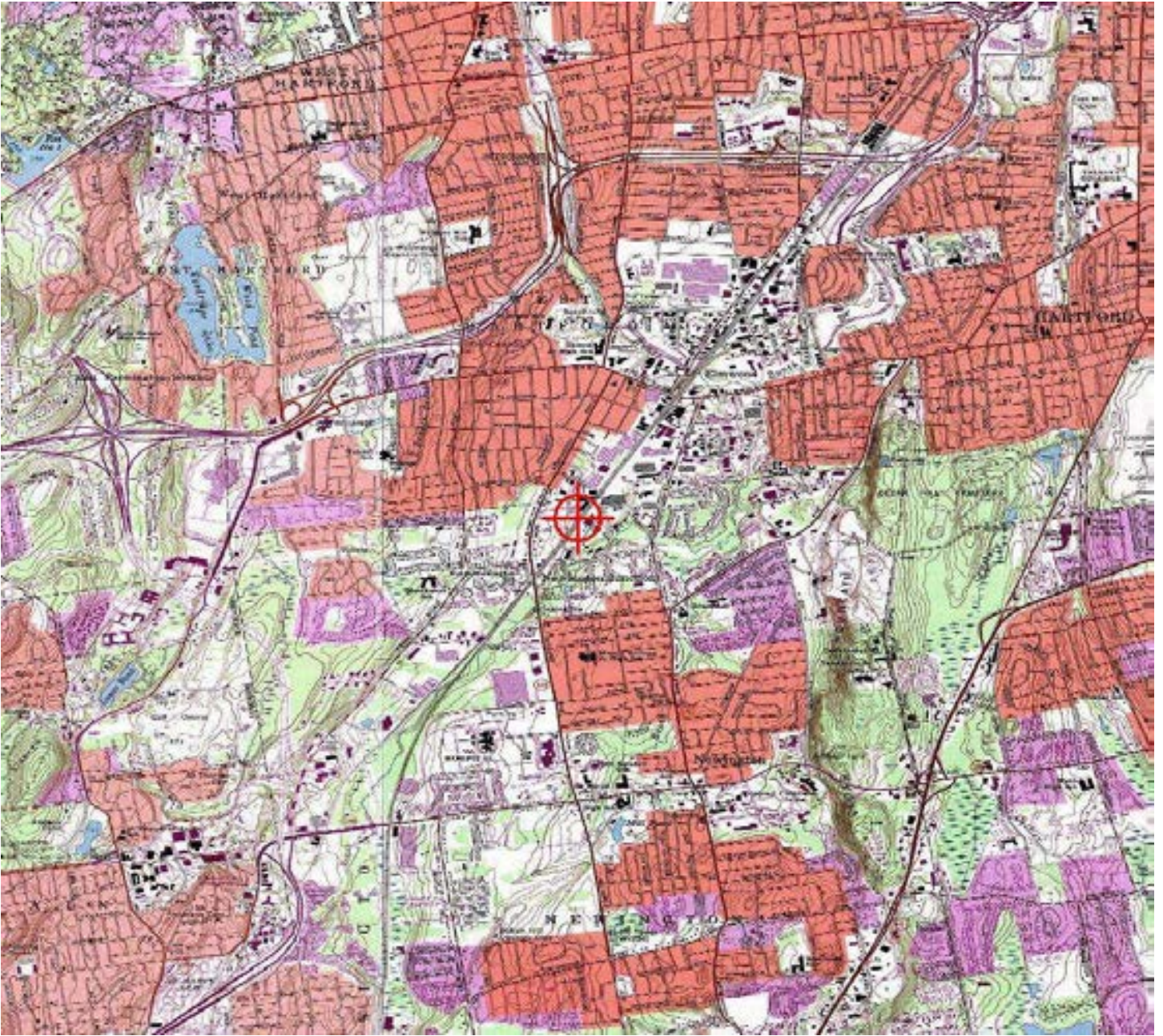
**Signature Control No: 352903088-353642181**

( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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**\*\* 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:	Transmission Line Line_1346_Str_12B
Location:	Newington, CT
Latitude:	41-43-11.22N NAD 83
Longitude:	72-43-59.34W
Heights:	70 feet site elevation (SE) 101 feet above ground level (AGL) 171 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
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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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

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**Signature Control No: 352903089-353642175**

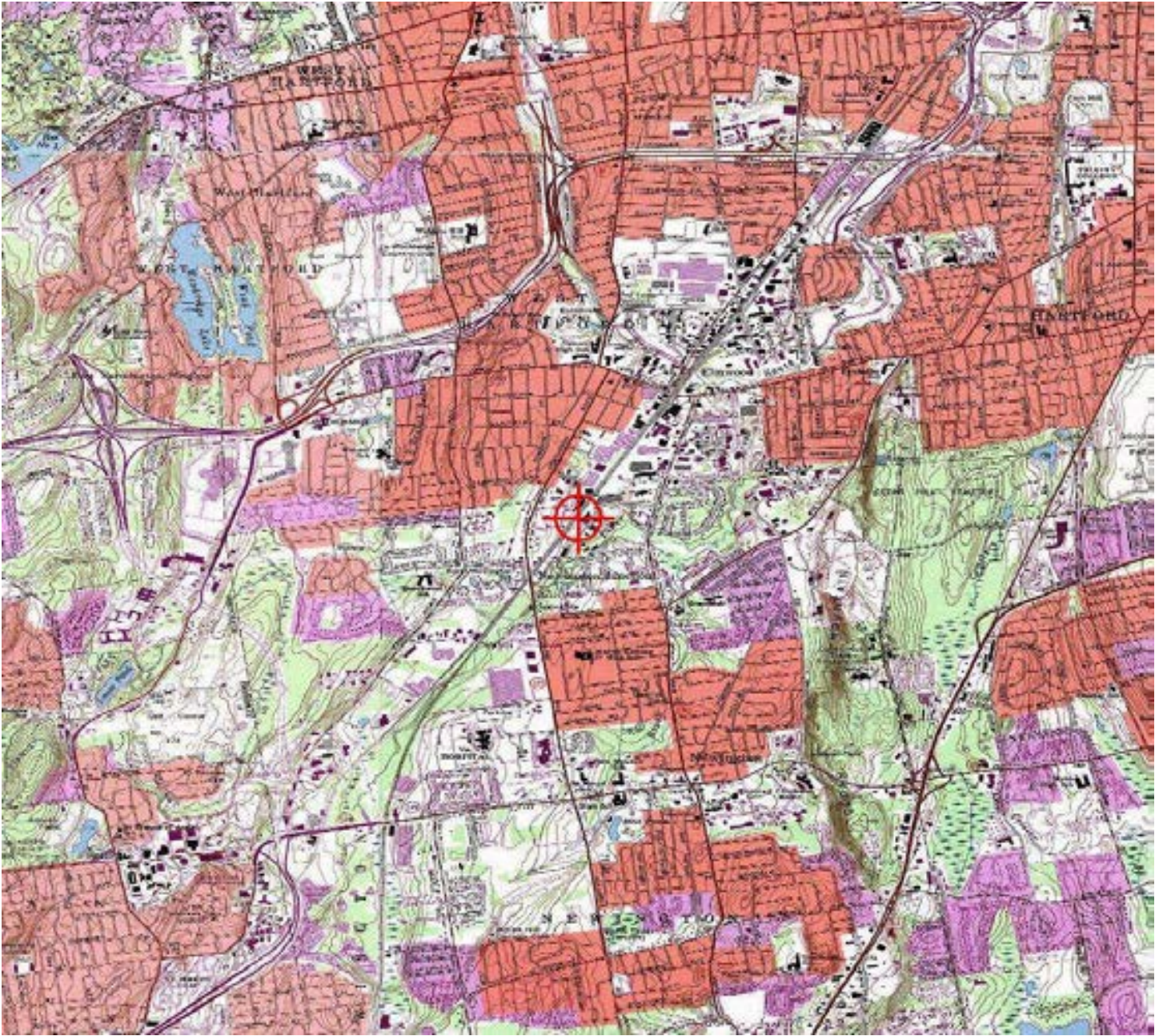
( DNE )

Darin Clipper  
Specialist

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Case Description  
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**\*\* 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:	Transmission Line Line_1346_Str_13
Location:	Newington, CT
Latitude:	41-43-13.41N NAD 83
Longitude:	72-43-57.50W
Heights:	72 feet site elevation (SE) 98 feet above ground level (AGL) 170 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:

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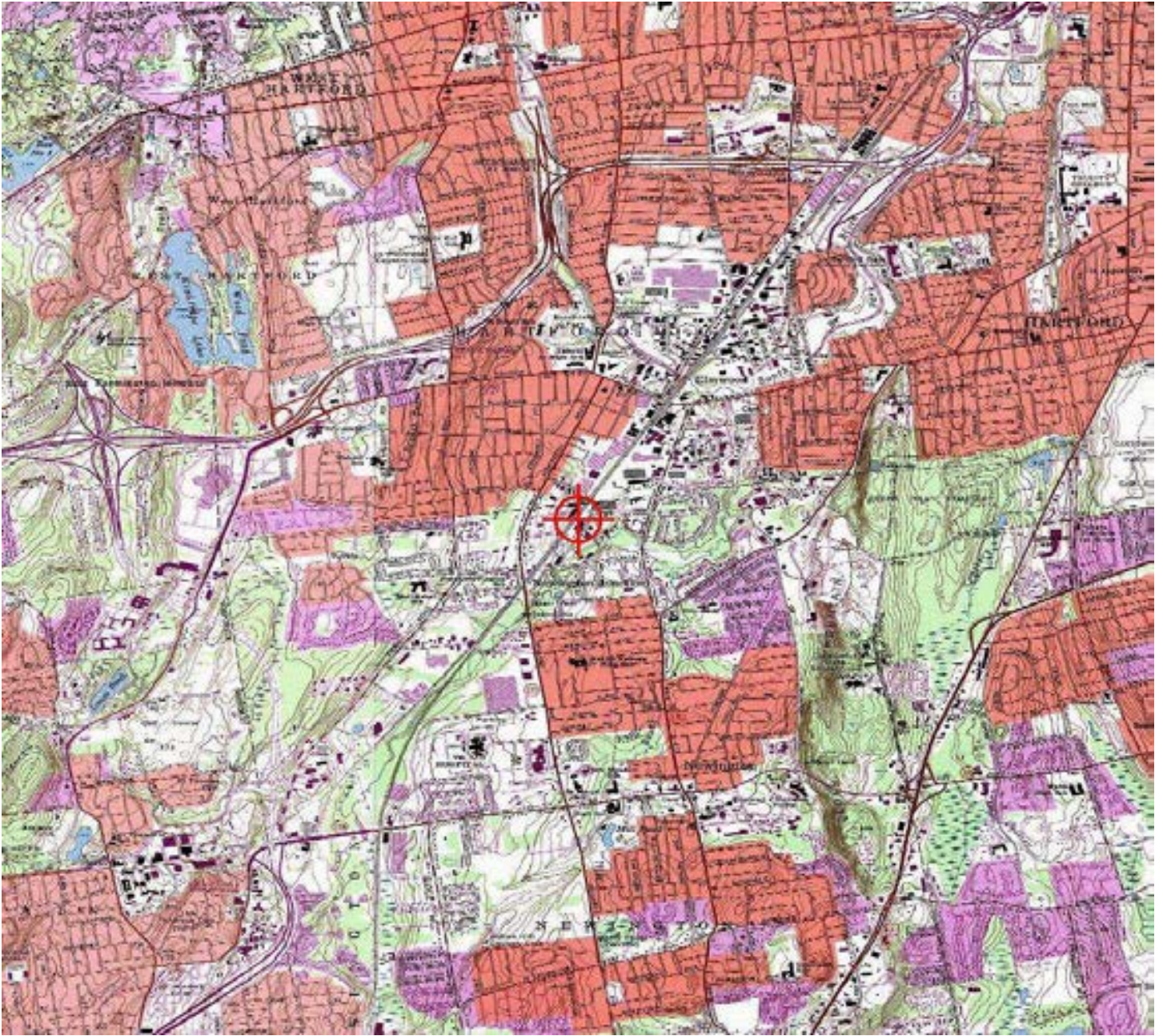
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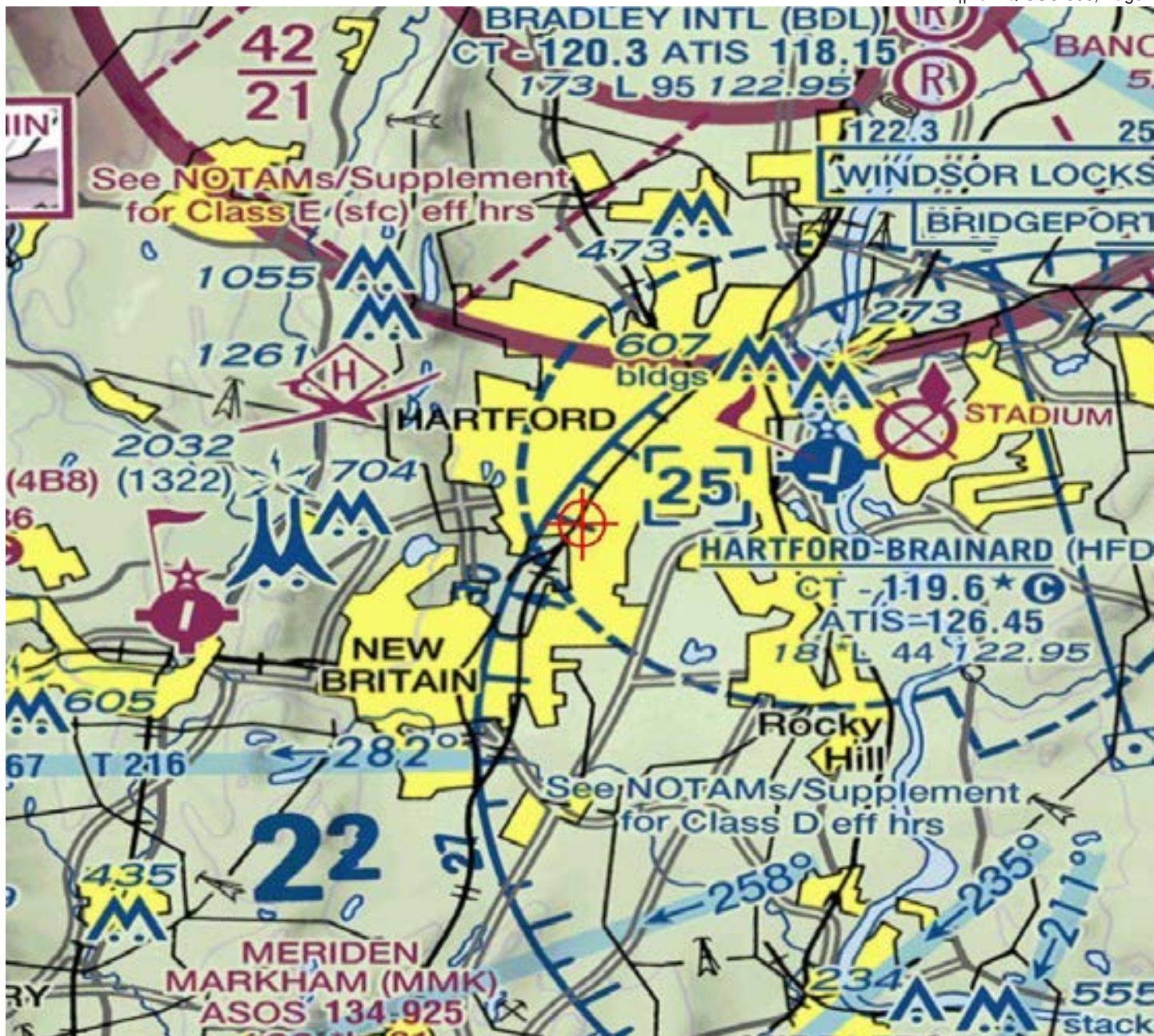
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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**\*\* 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:	Transmission Line Line_1346_Str_14
Location:	Newington, CT
Latitude:	41-43-15.66N NAD 83
Longitude:	72-43-55.71W
Heights:	72 feet site elevation (SE) 98 feet above ground level (AGL) 170 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:

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This determination expires on 07/23/2019 unless:

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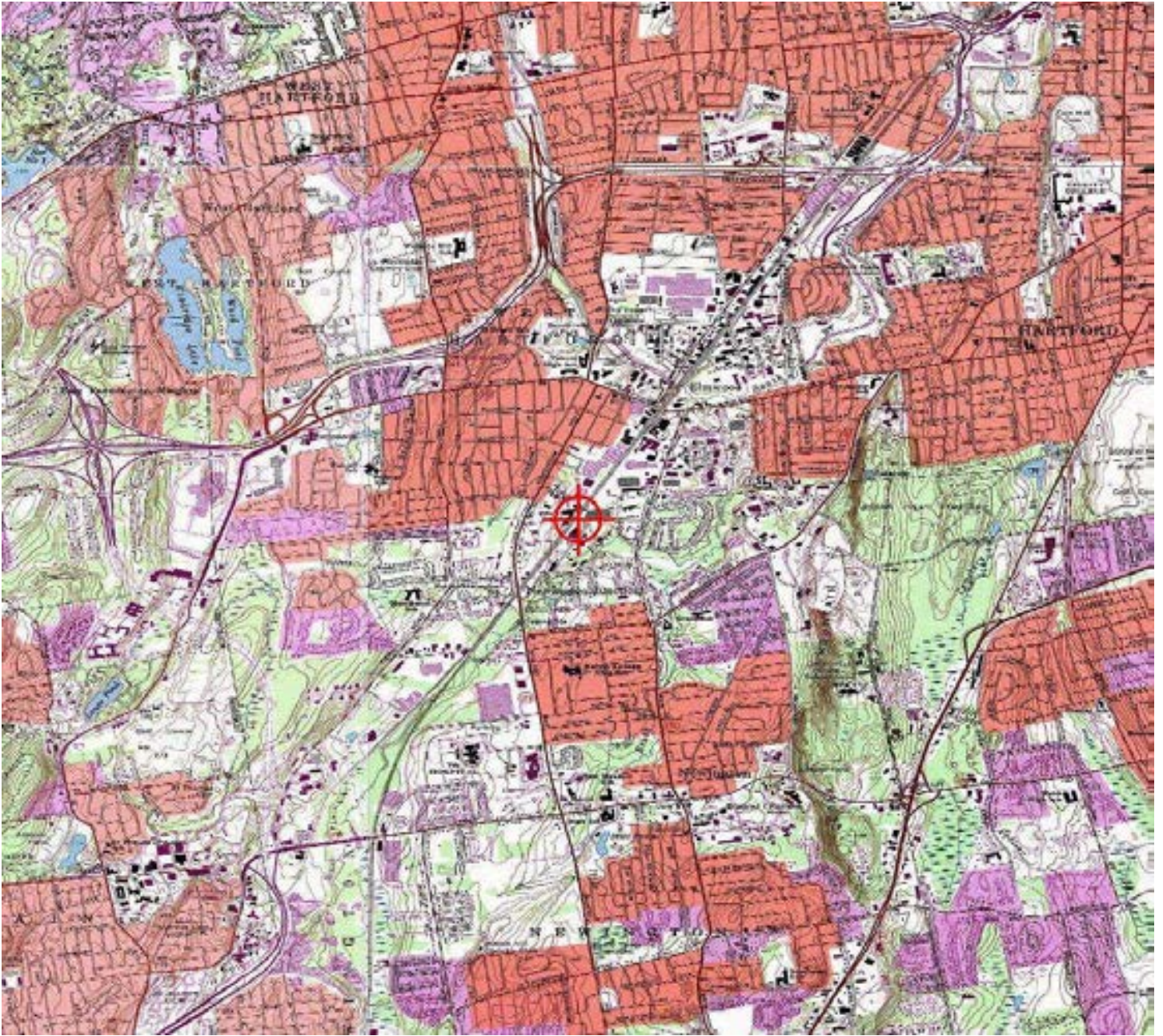
**Signature Control No: 352903091-353642179**

( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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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:	Transmission Line Line_1346_Str_15
Location:	Newington, CT
Latitude:	41-43-17.79N NAD 83
Longitude:	72-43-54.02W
Heights:	72 feet site elevation (SE) 98 feet above ground level (AGL) 170 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:

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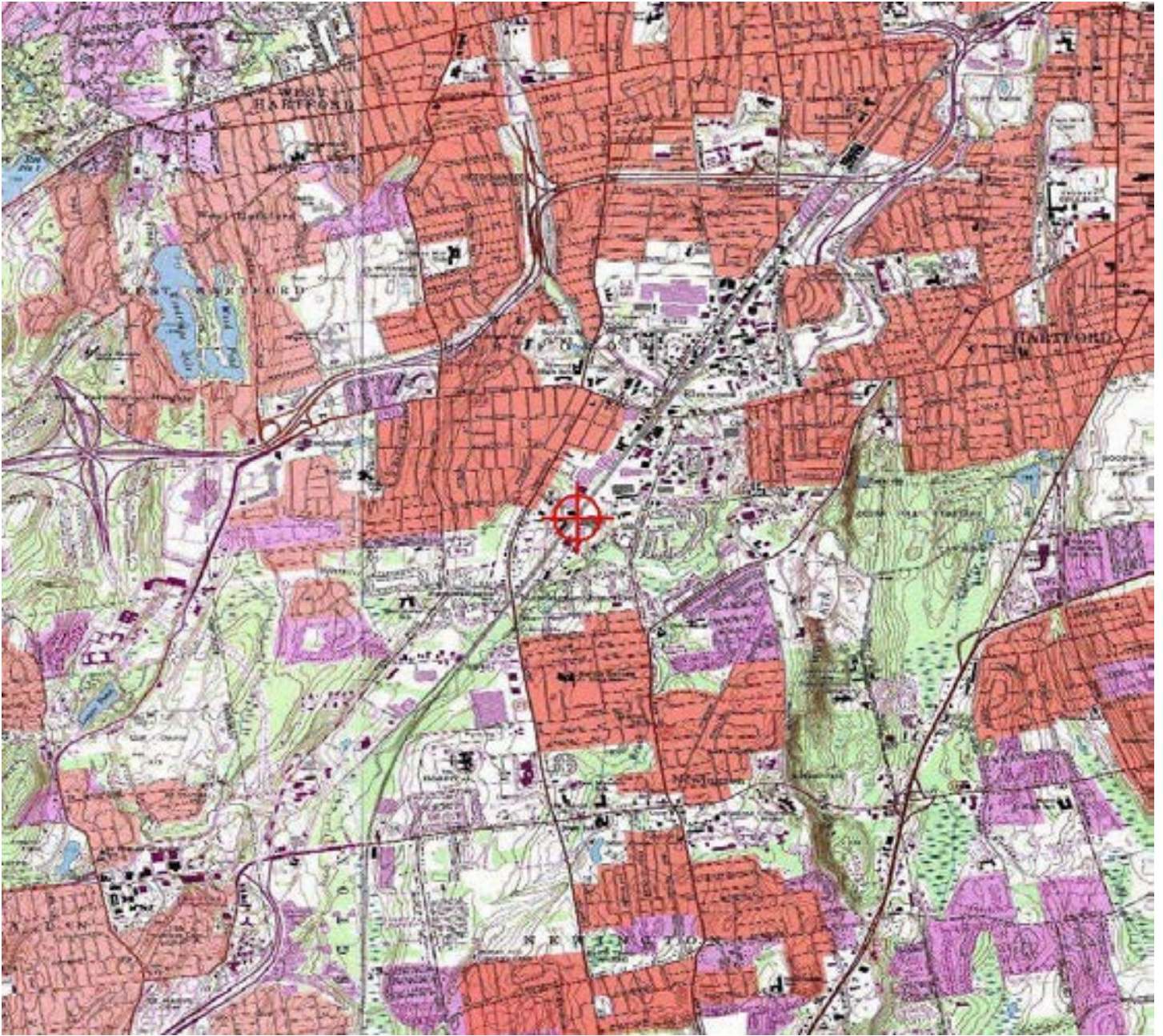
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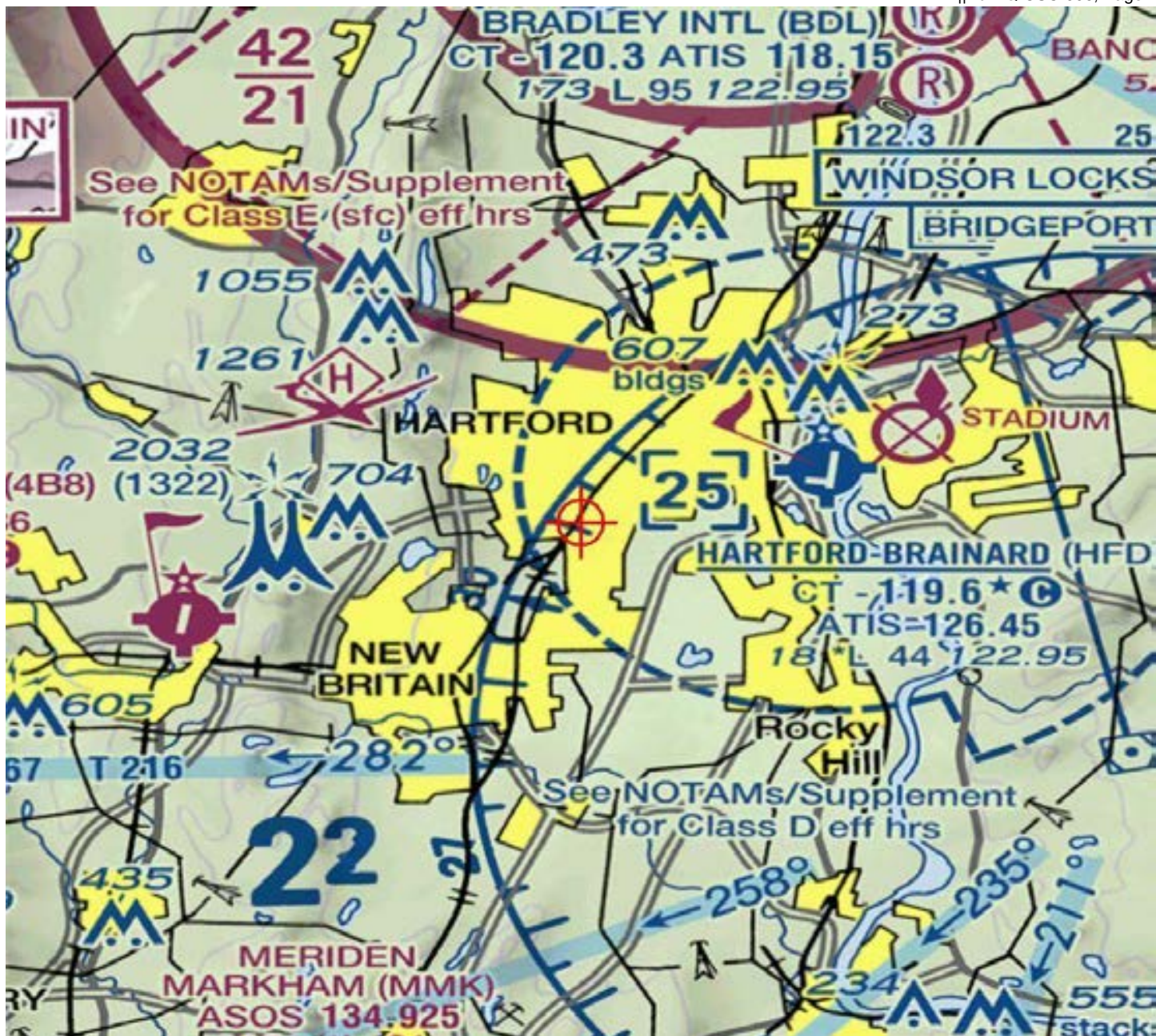
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Structure:	Transmission Line Line_1346_Str_16
Location:	Newington, CT
Latitude:	41-43-19.26N NAD 83
Longitude:	72-43-52.86W
Heights:	73 feet site elevation (SE) 98 feet above ground level (AGL) 171 feet above mean sea level (AMSL)

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:

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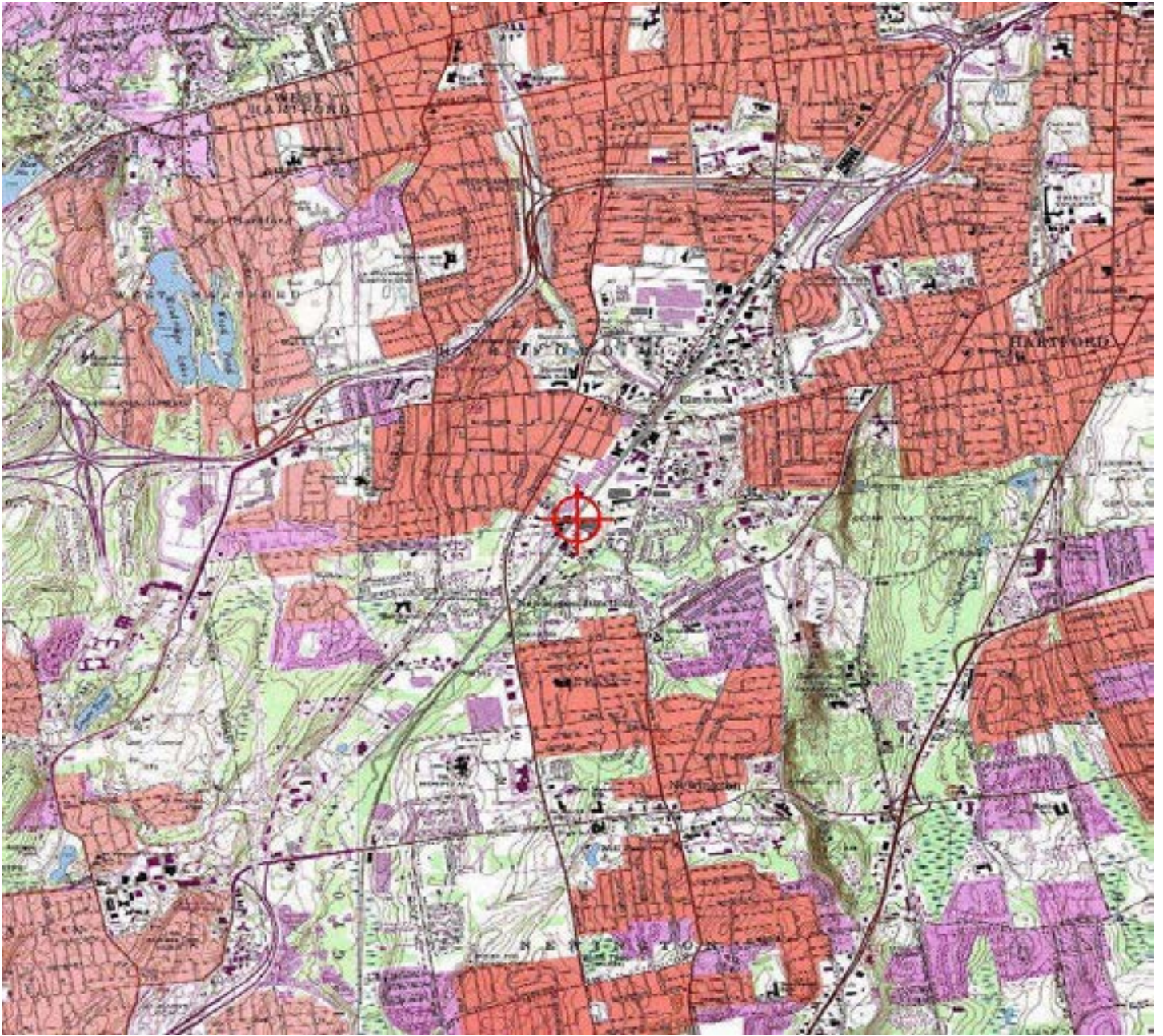
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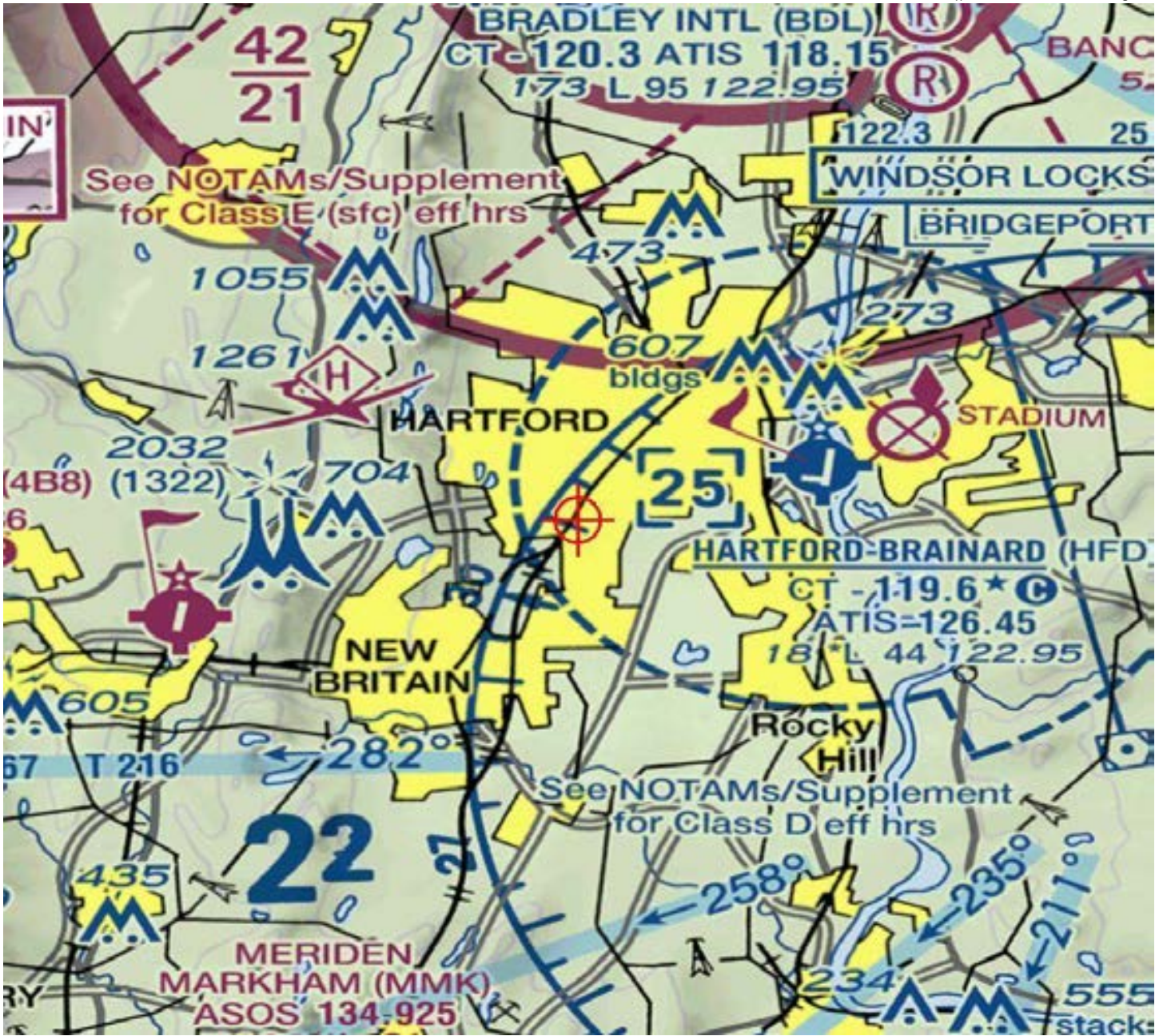
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_17
Location:	Newington, CT
Latitude:	41-43-21.39N NAD 83
Longitude:	72-43-51.17W
Heights:	74 feet site elevation (SE) 98 feet above ground level (AGL) 172 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-287-OE.

**Signature Control No: 352903096-353642173**

( DNE )

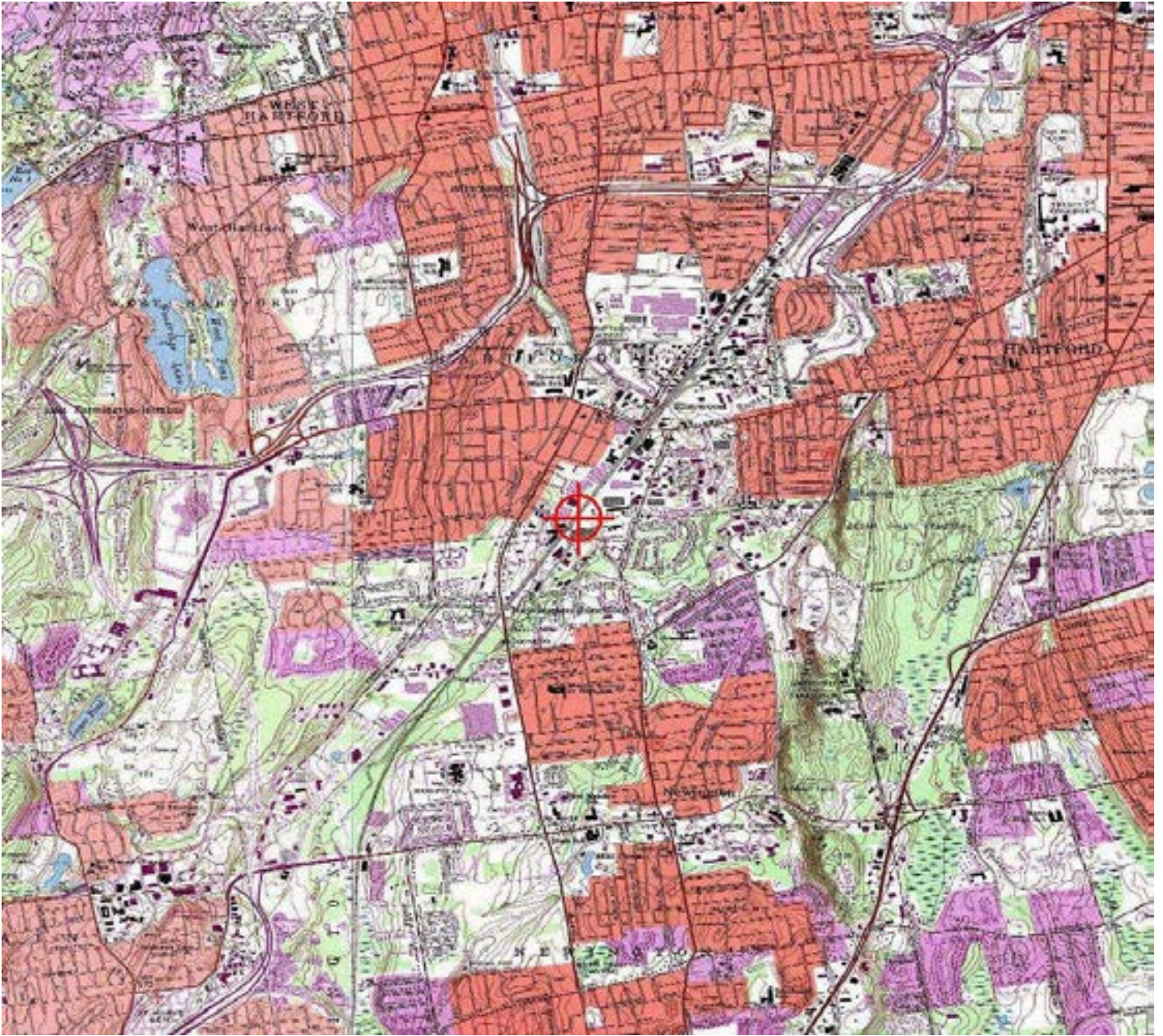
Darin Clipper  
Specialist

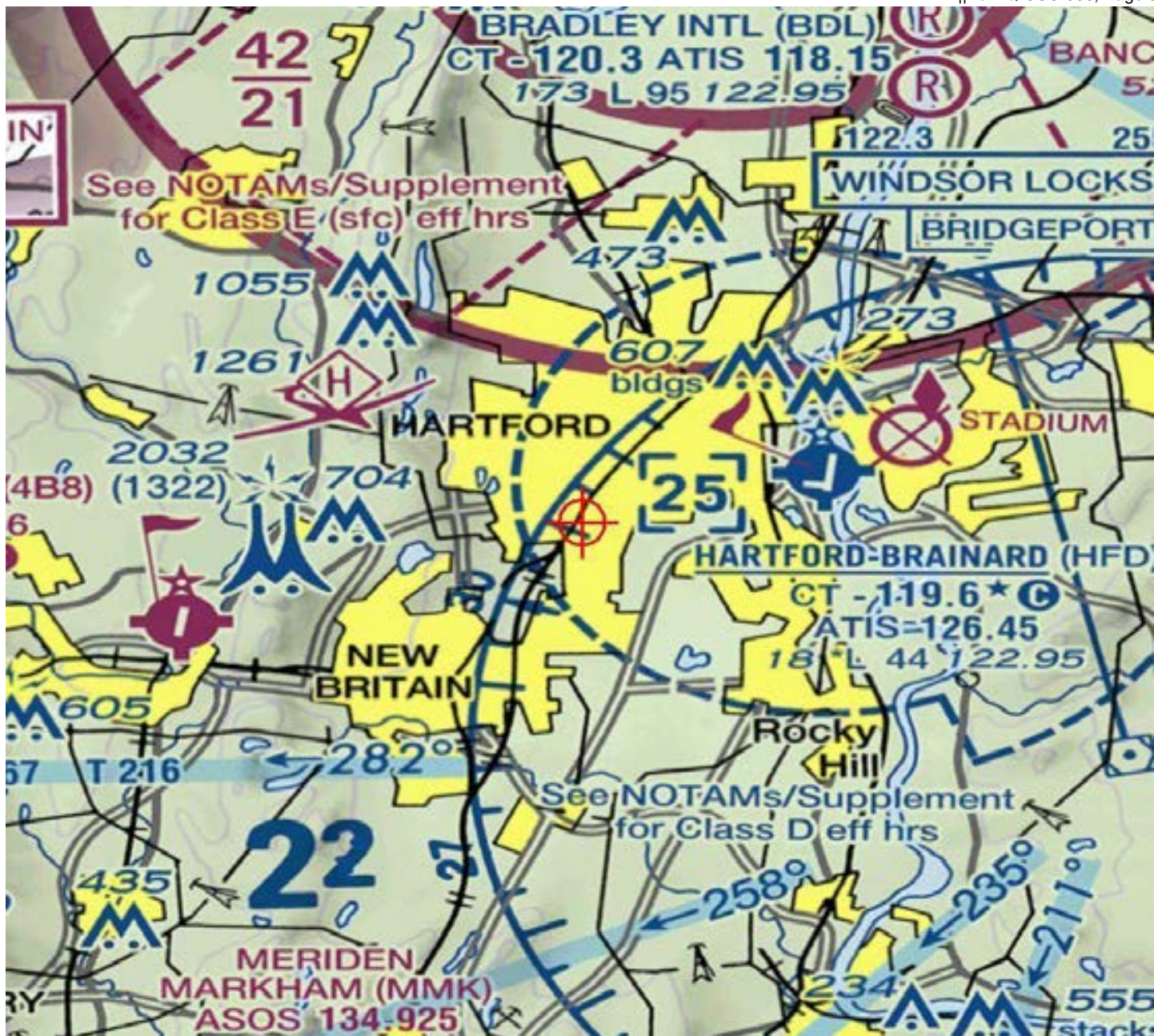
Attachment(s)  
Case Description  
Map(s)



## Case Description for ASN 2018-ANE-287-OE

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_18
Location:	Newington, CT
Latitude:	41-43-23.42N NAD 83
Longitude:	72-43-49.56W
Heights:	74 feet site elevation (SE) 98 feet above ground level (AGL) 172 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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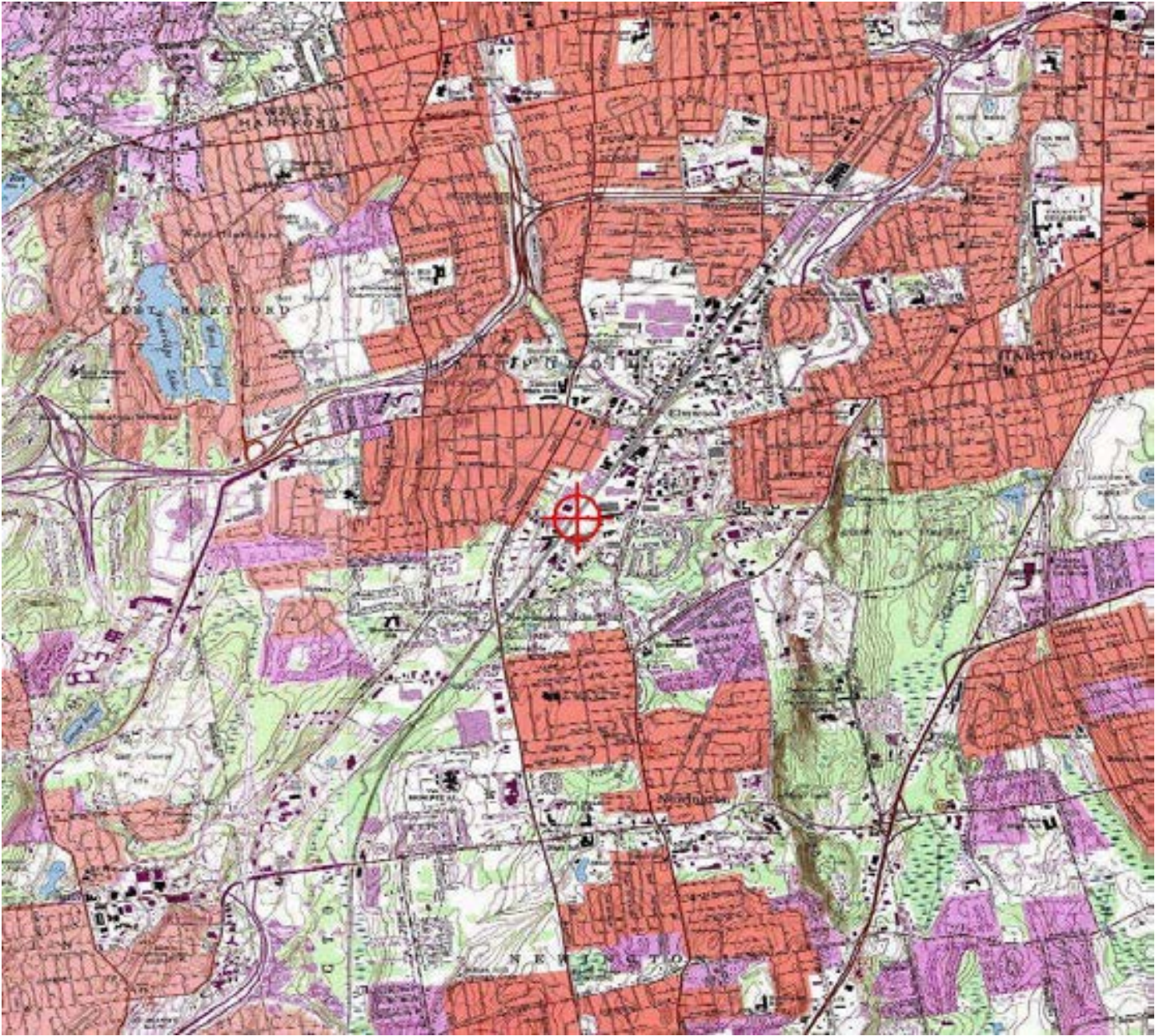
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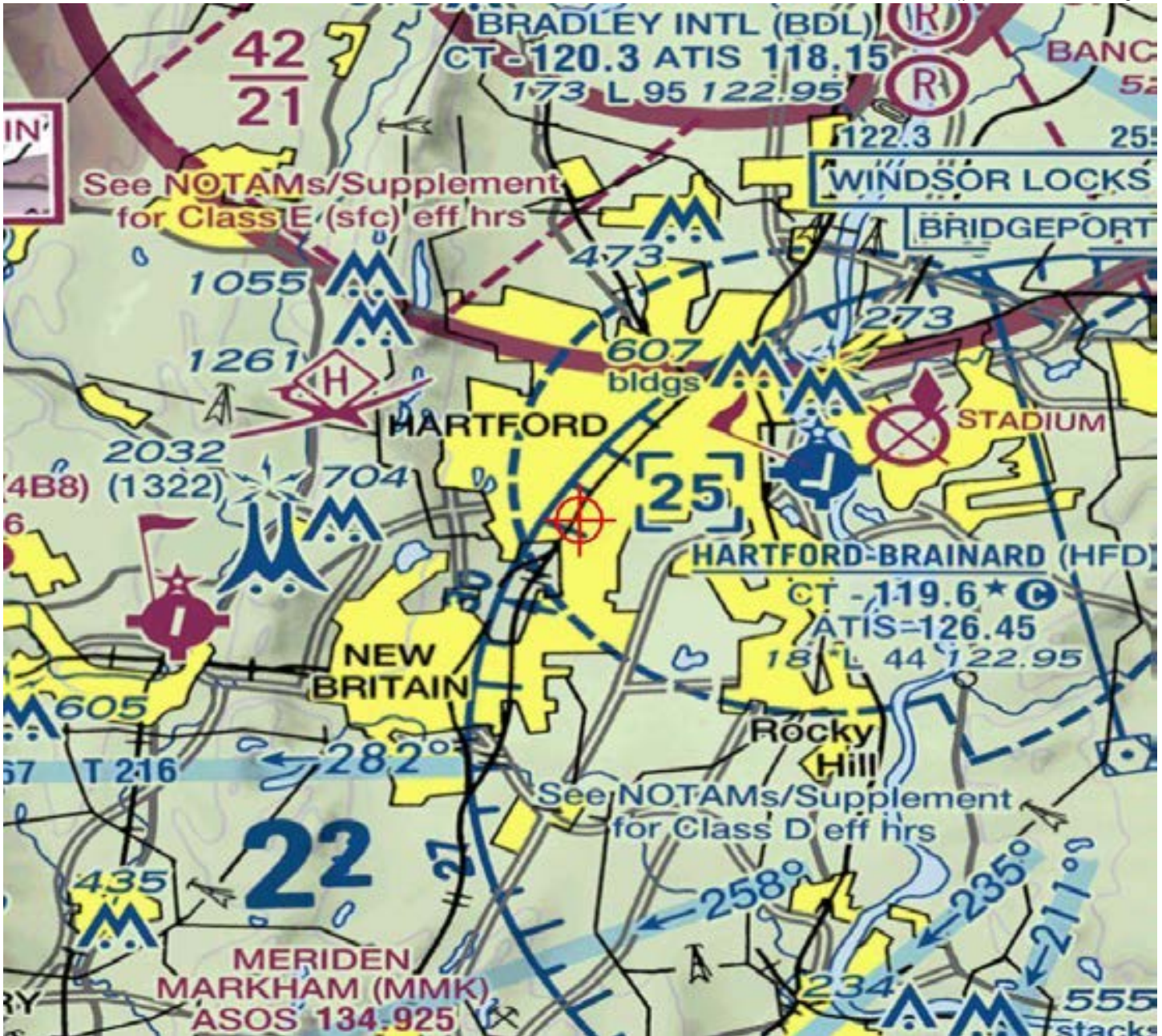
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_19
Location:	Newington, CT
Latitude:	41-43-25.54N NAD 83
Longitude:	72-43-47.88W
Heights:	75 feet site elevation (SE) 98 feet above ground level (AGL) 173 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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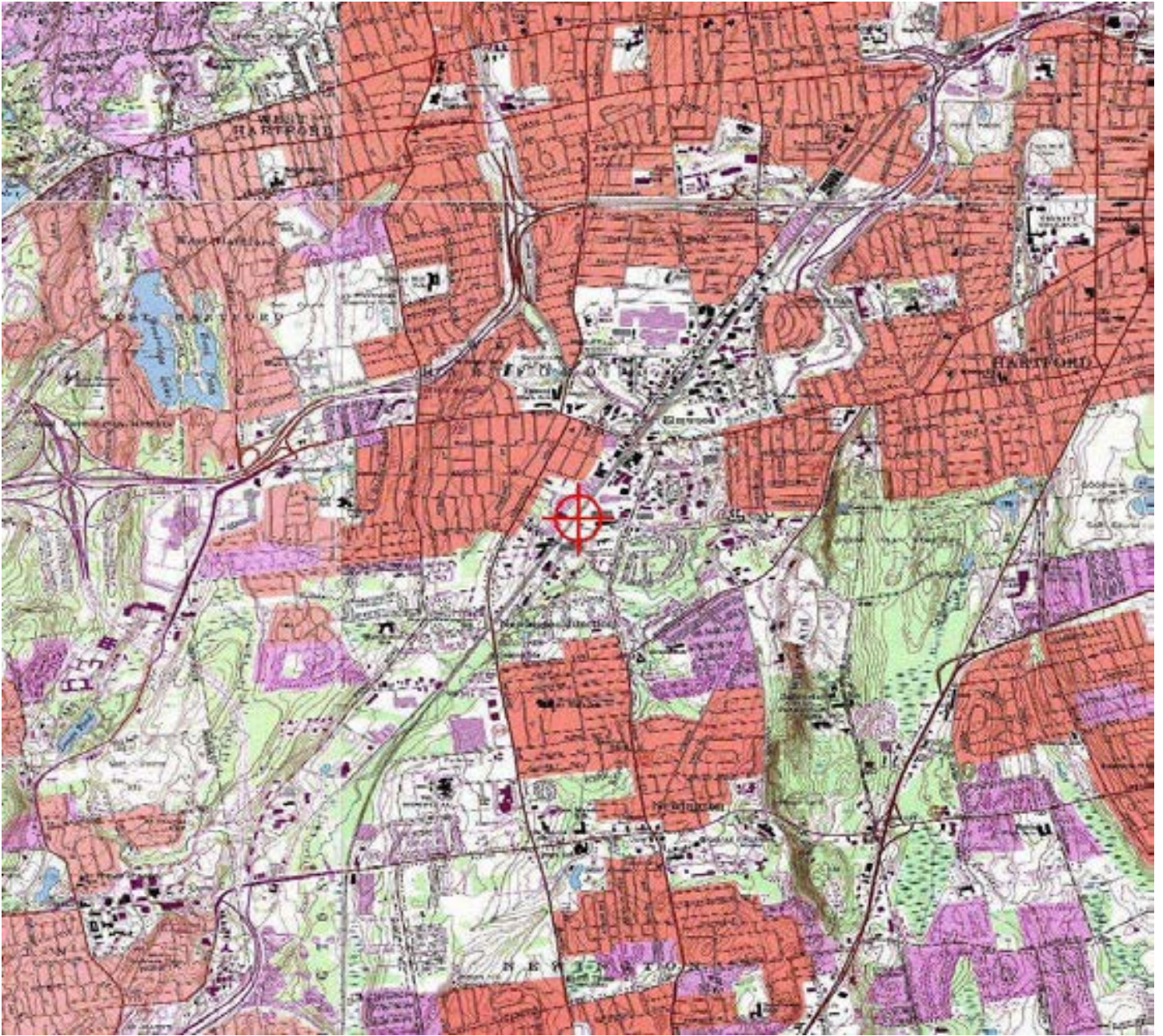
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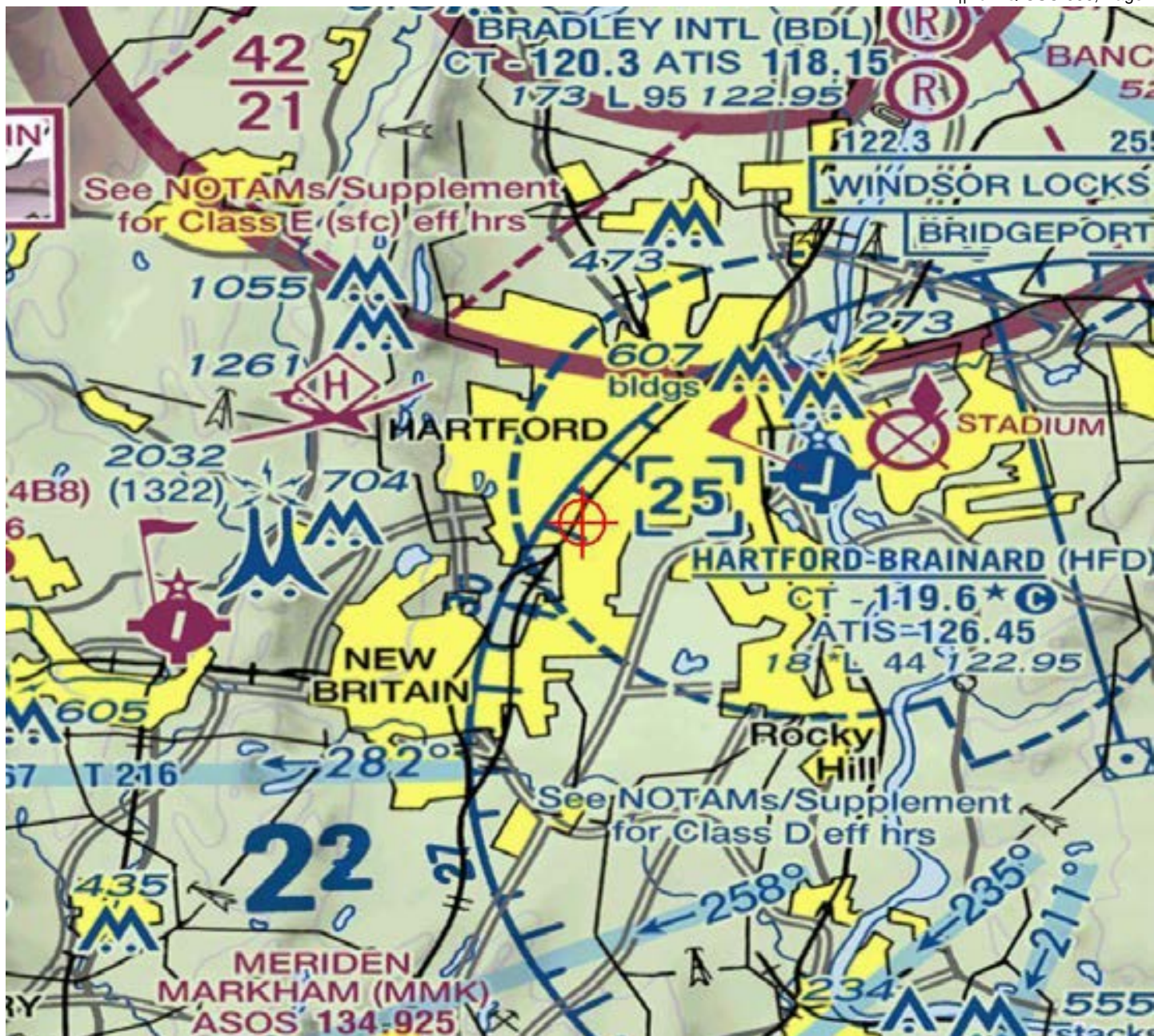
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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 Fort Worth, TX 76177

Issued Date: 01/23/2018

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**\*\* 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:	Transmission Line Line_1346_Str_20
Location:	Newington, CT
Latitude:	41-43-27.66N NAD 83
Longitude:	72-43-46.19W
Heights:	75 feet site elevation (SE) 98 feet above ground level (AGL) 173 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.
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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-290-OE.

**Signature Control No: 352903100-353642177**

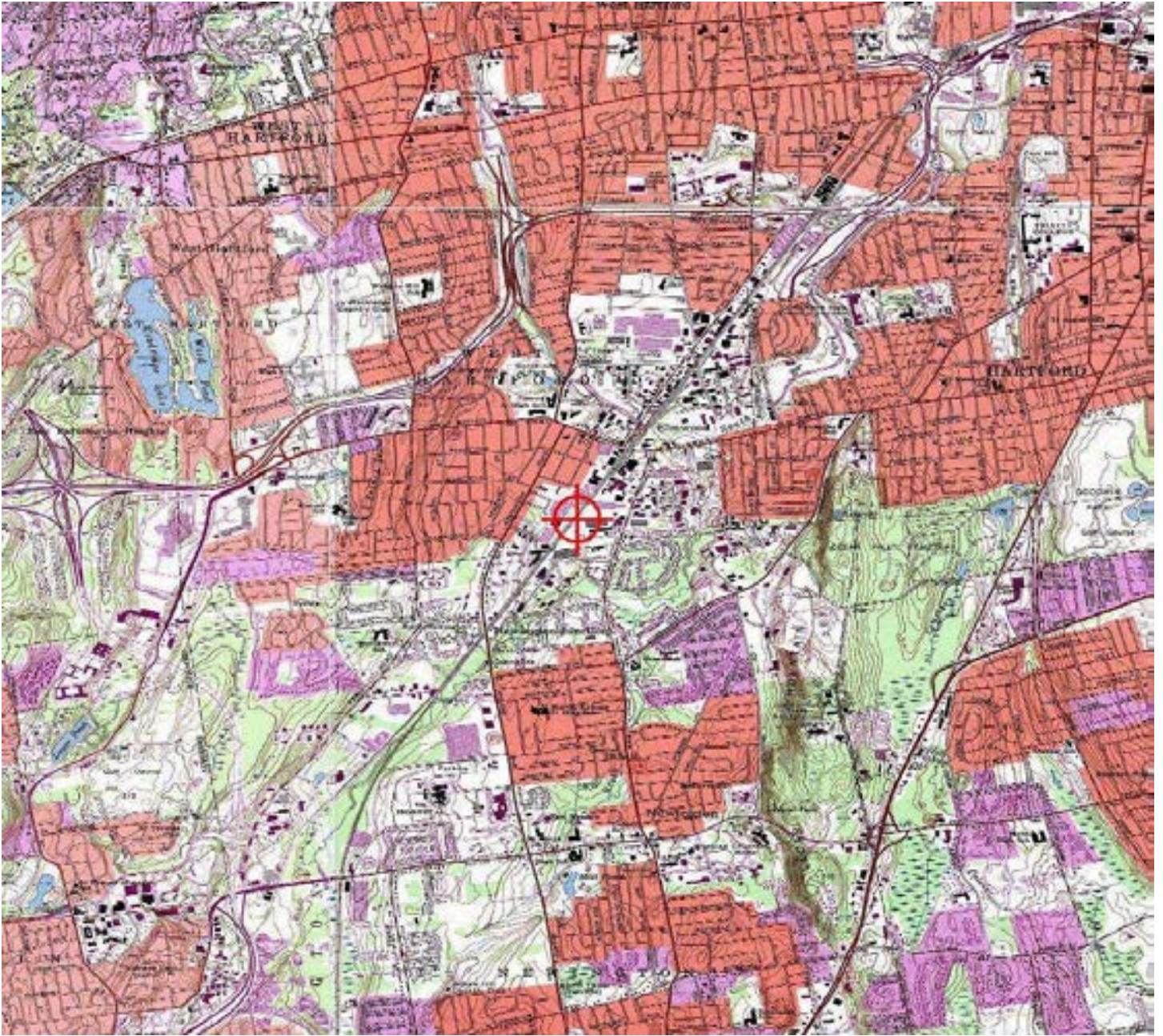
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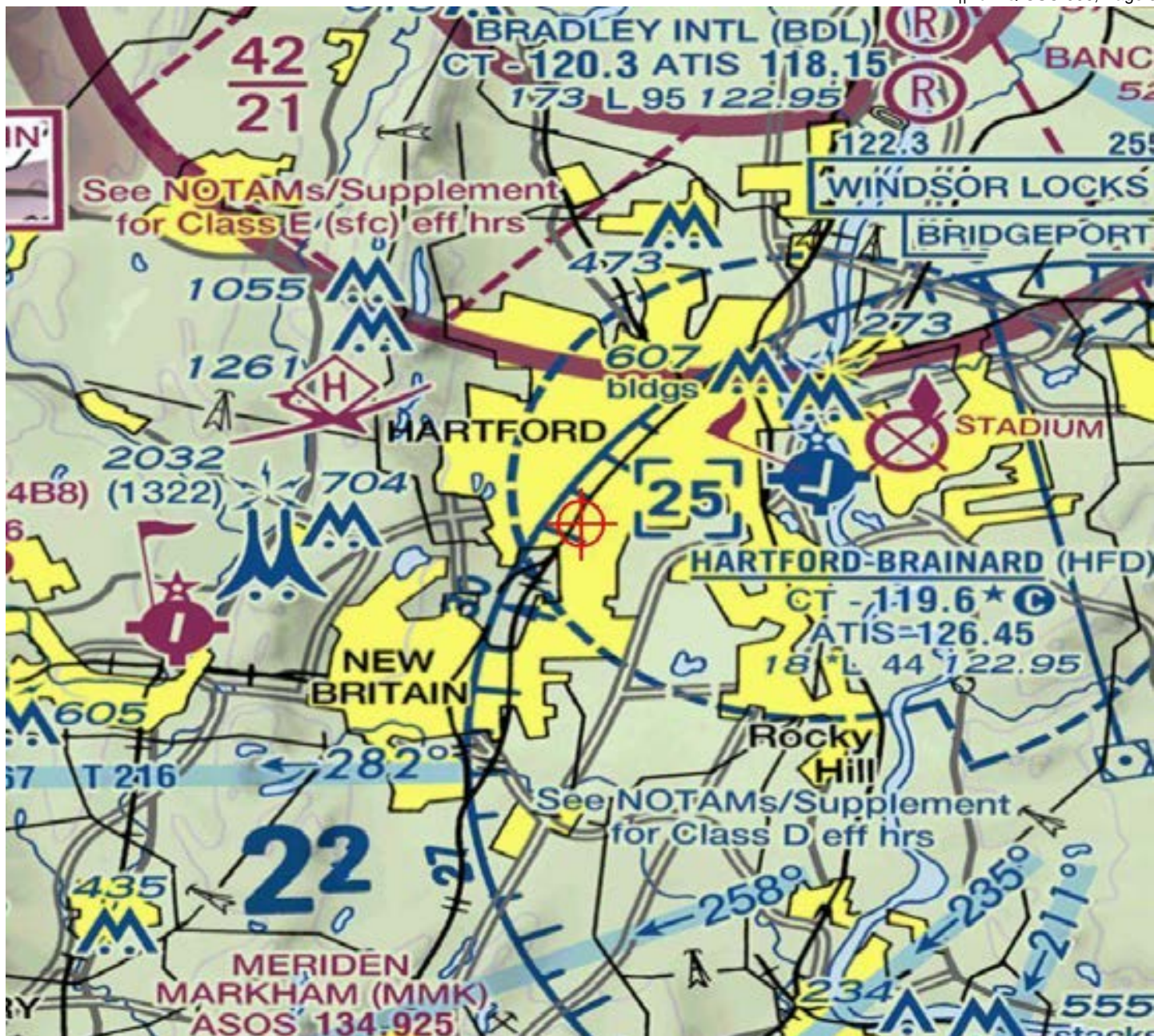
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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**\*\* 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:	Transmission Line Line_1346_Str_21
Location:	Newington, CT
Latitude:	41-43-29.78N NAD 83
Longitude:	72-43-44.45W
Heights:	74 feet site elevation (SE) 98 feet above ground level (AGL) 172 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:

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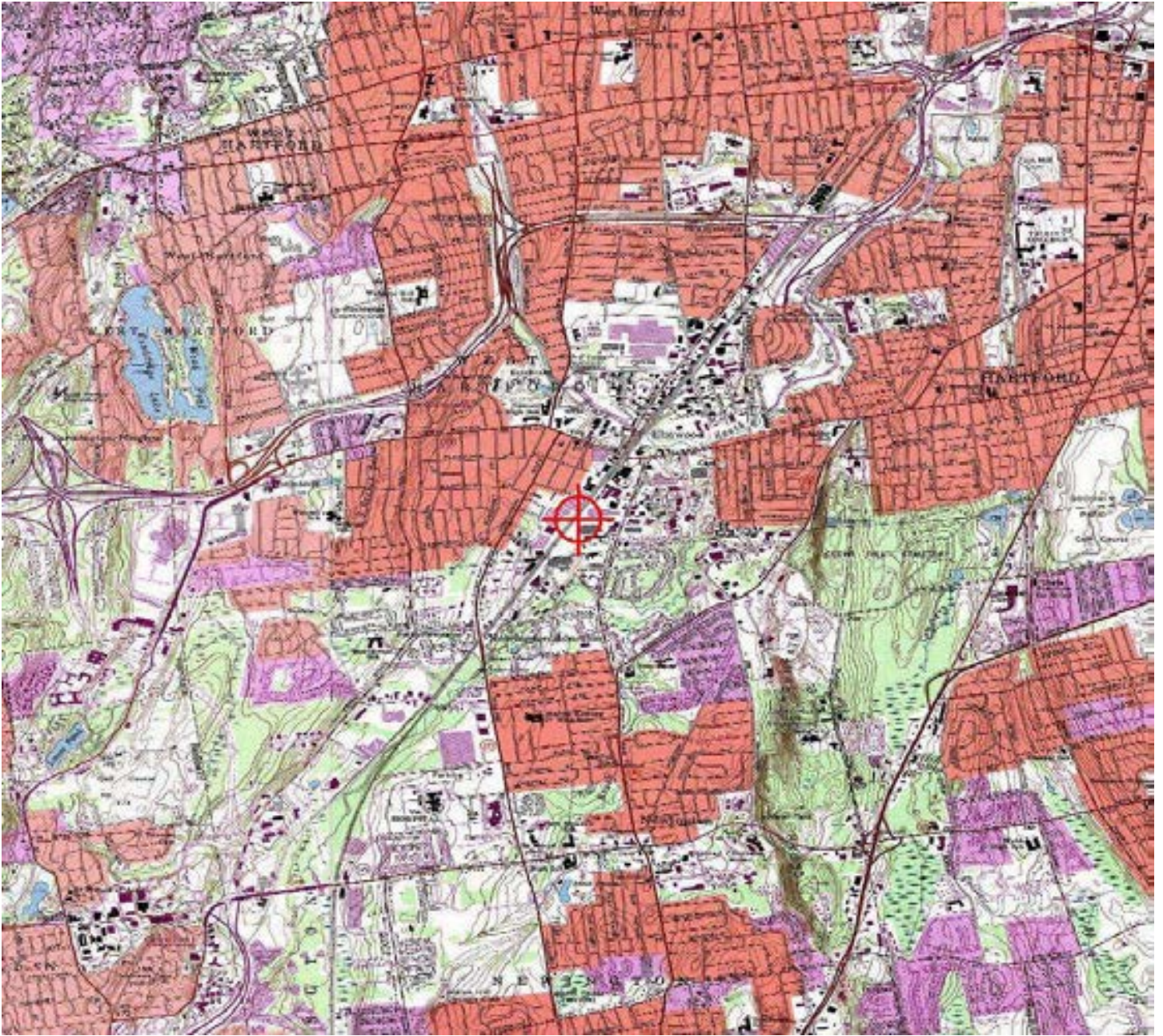
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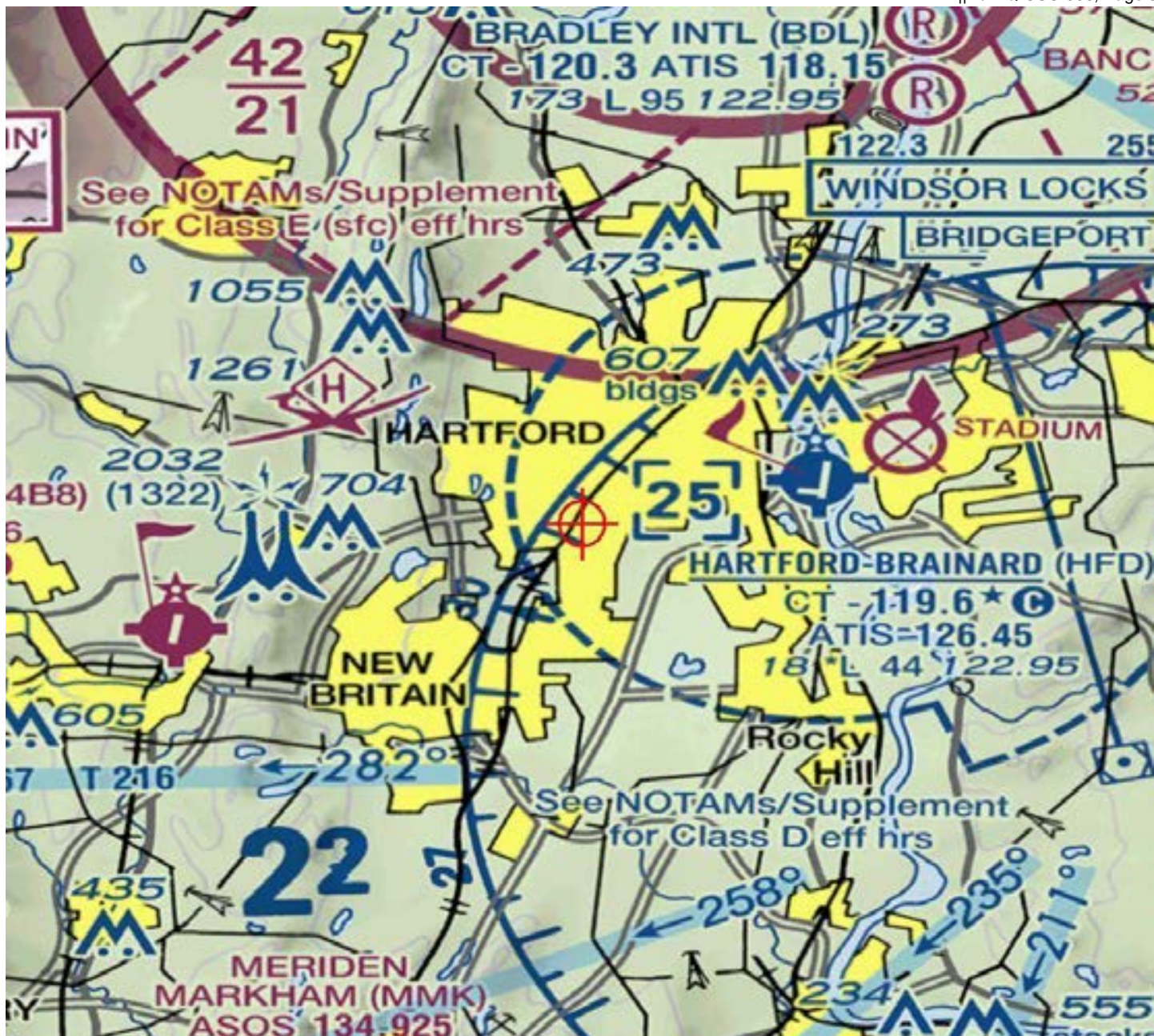
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_22
Location:	Newington, CT
Latitude:	41-43-31.92N NAD 83
Longitude:	72-43-42.81W
Heights:	75 feet site elevation (SE) 98 feet above ground level (AGL) 173 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-292-OE.

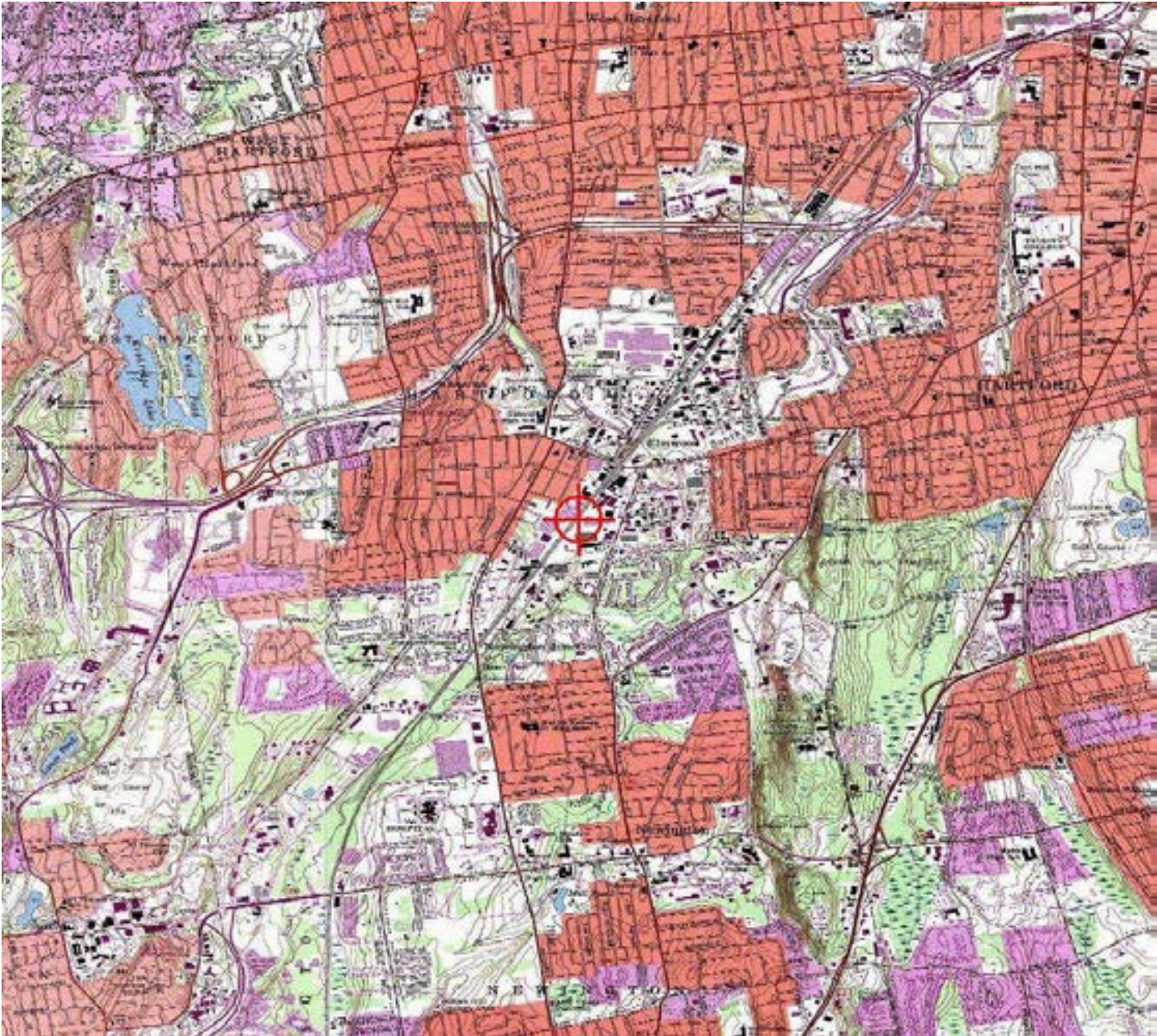
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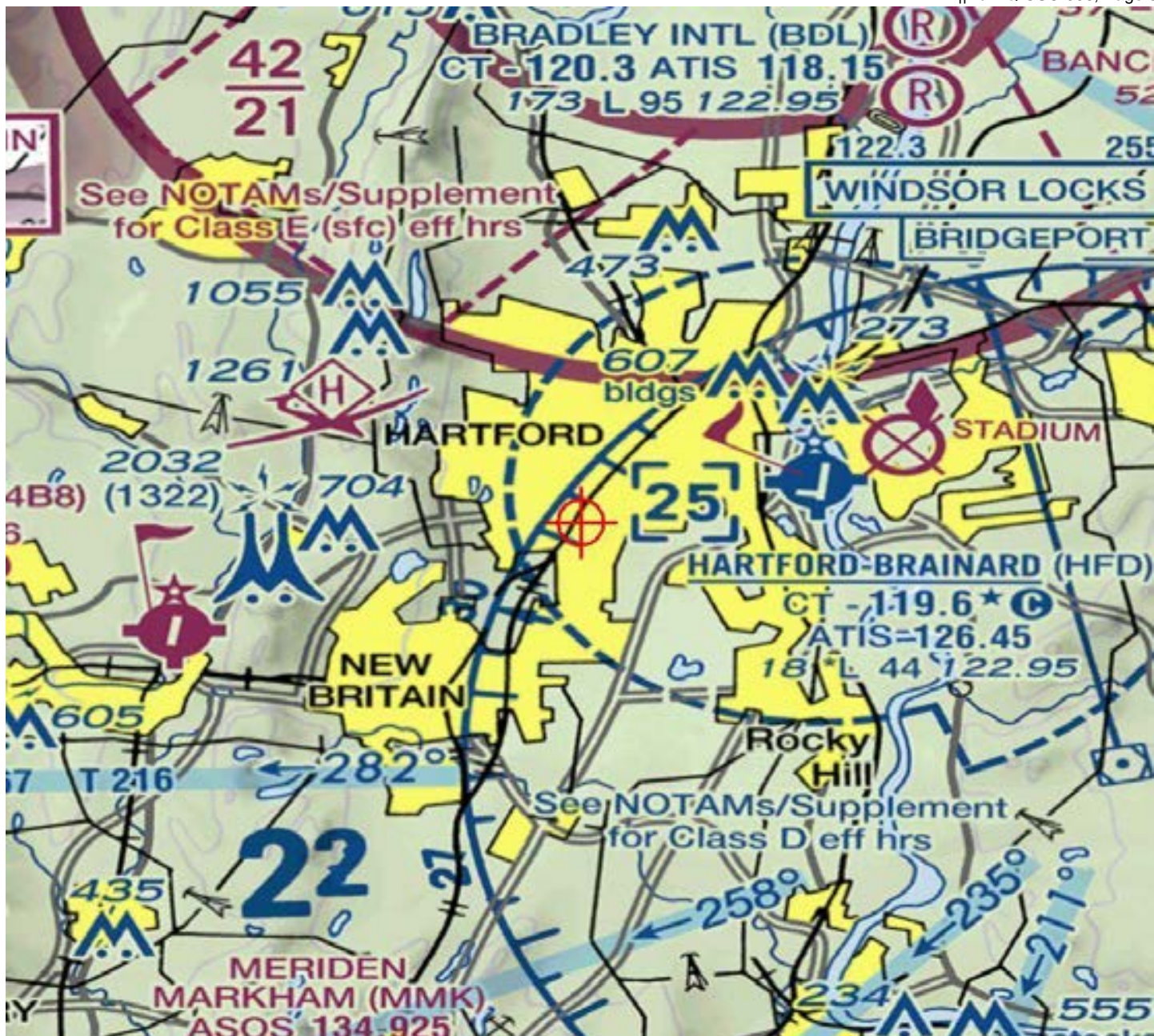
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 10101 Hillwood Parkway  
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 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_23
Location:	Newington, CT
Latitude:	41-43-34.03N NAD 83
Longitude:	72-43-41.10W
Heights:	73 feet site elevation (SE) 98 feet above ground level (AGL) 171 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-293-OE.

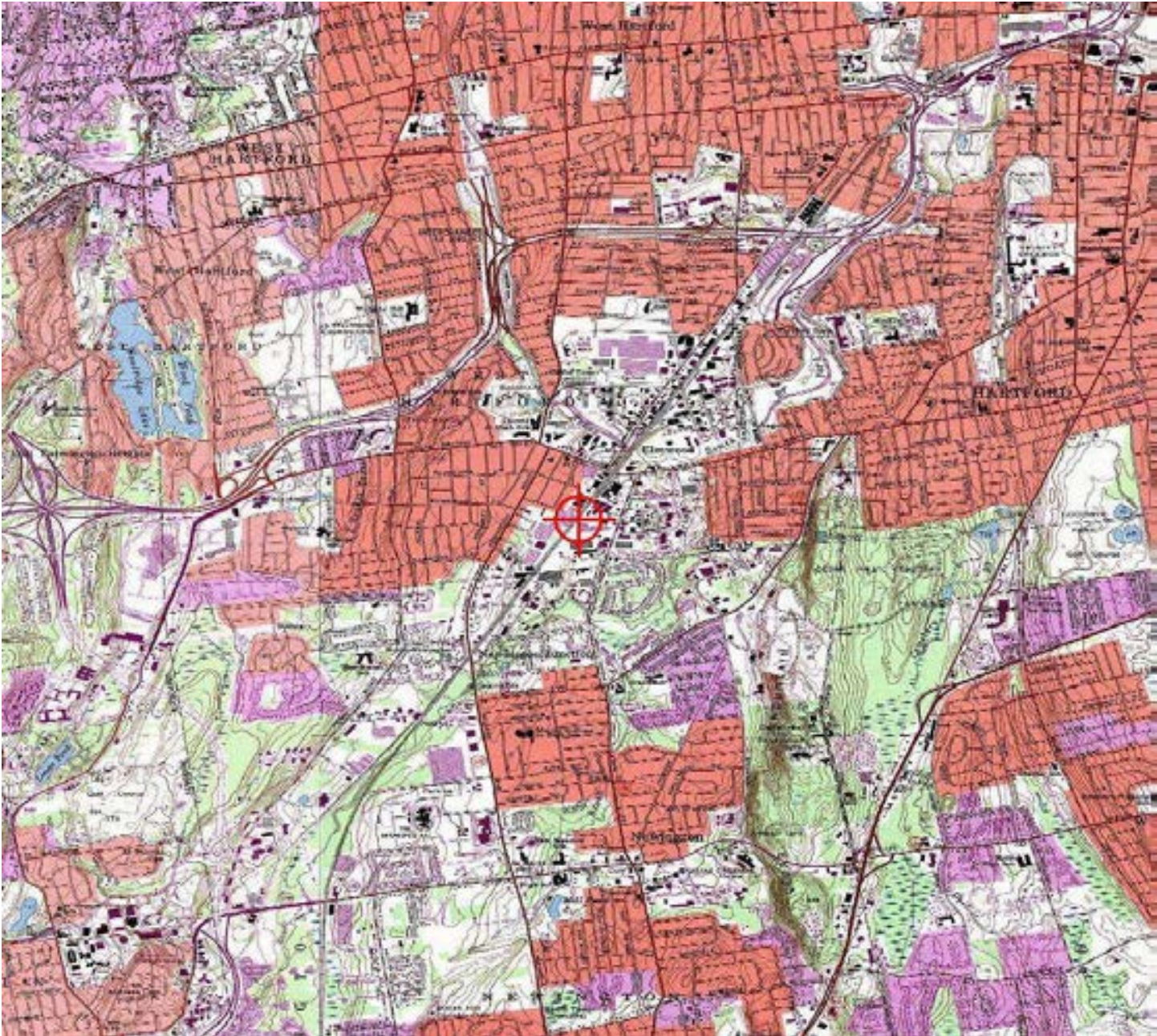
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( DNE )

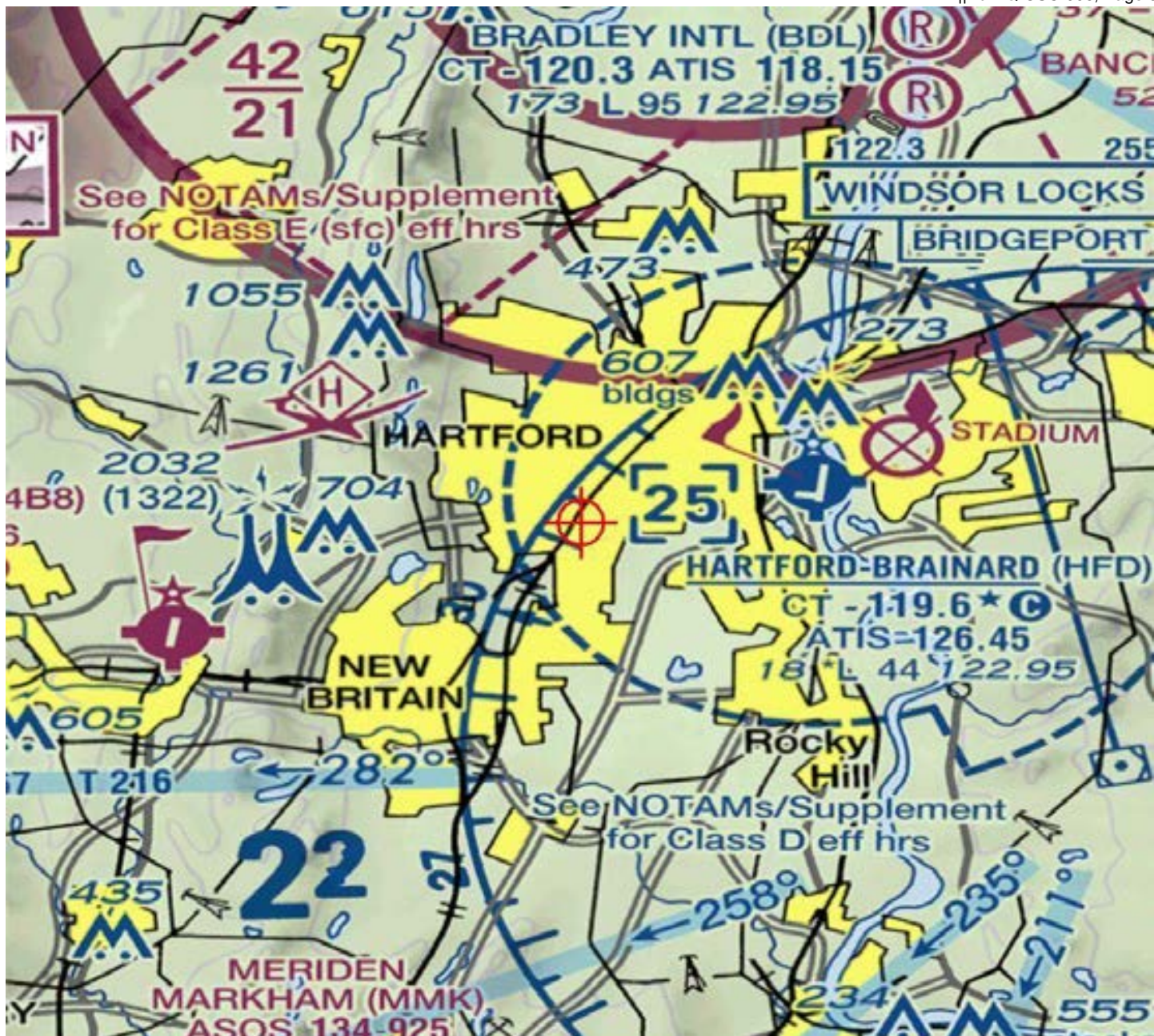
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 Fort Worth, TX 76177

Issued Date: 01/23/2018

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**\*\* 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:	Transmission Line Line_1346_Str_24
Location:	Newington, CT
Latitude:	41-43-36.15N NAD 83
Longitude:	72-43-39.41W
Heights:	72 feet site elevation (SE) 98 feet above ground level (AGL) 170 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-294-OE.

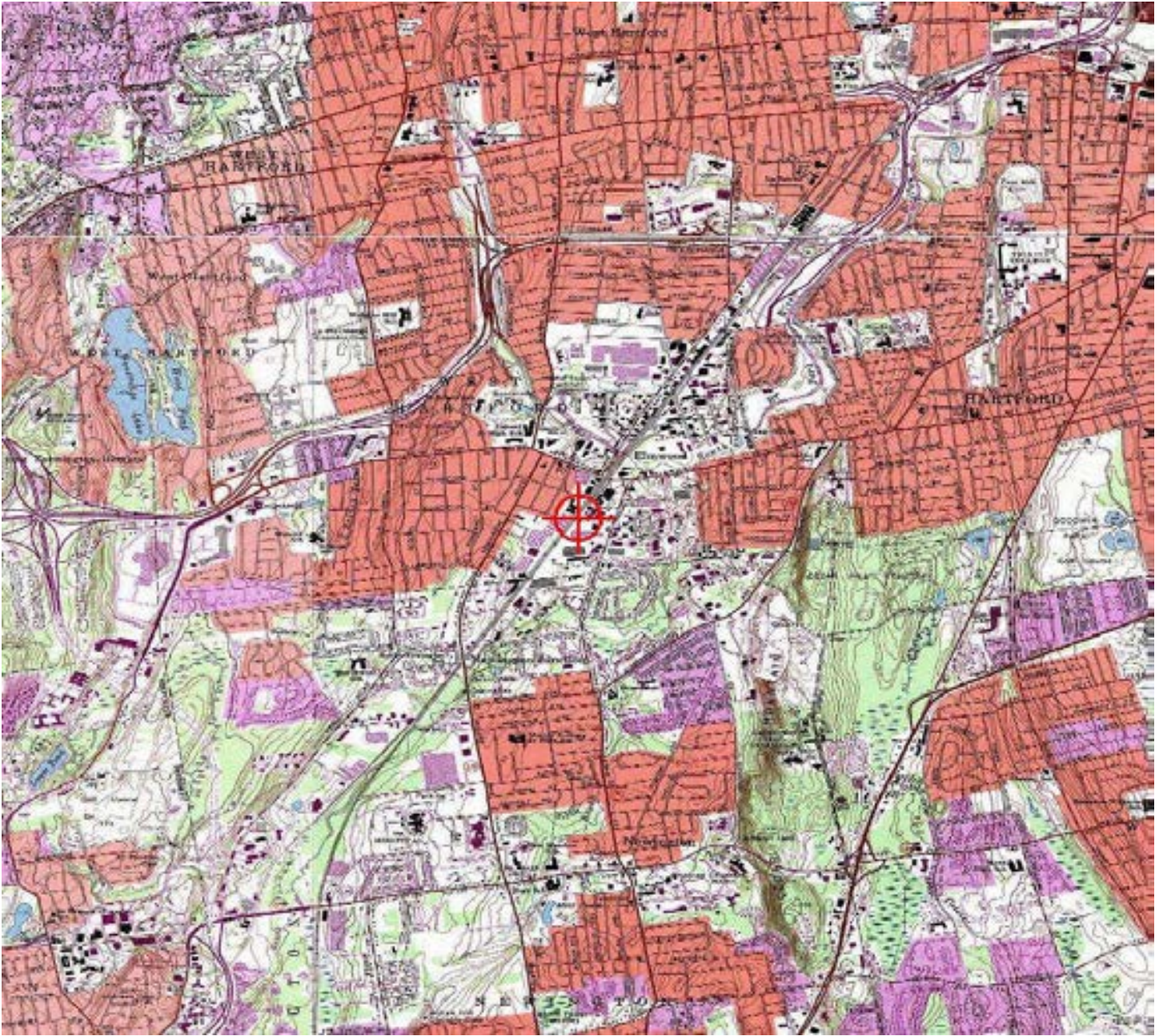
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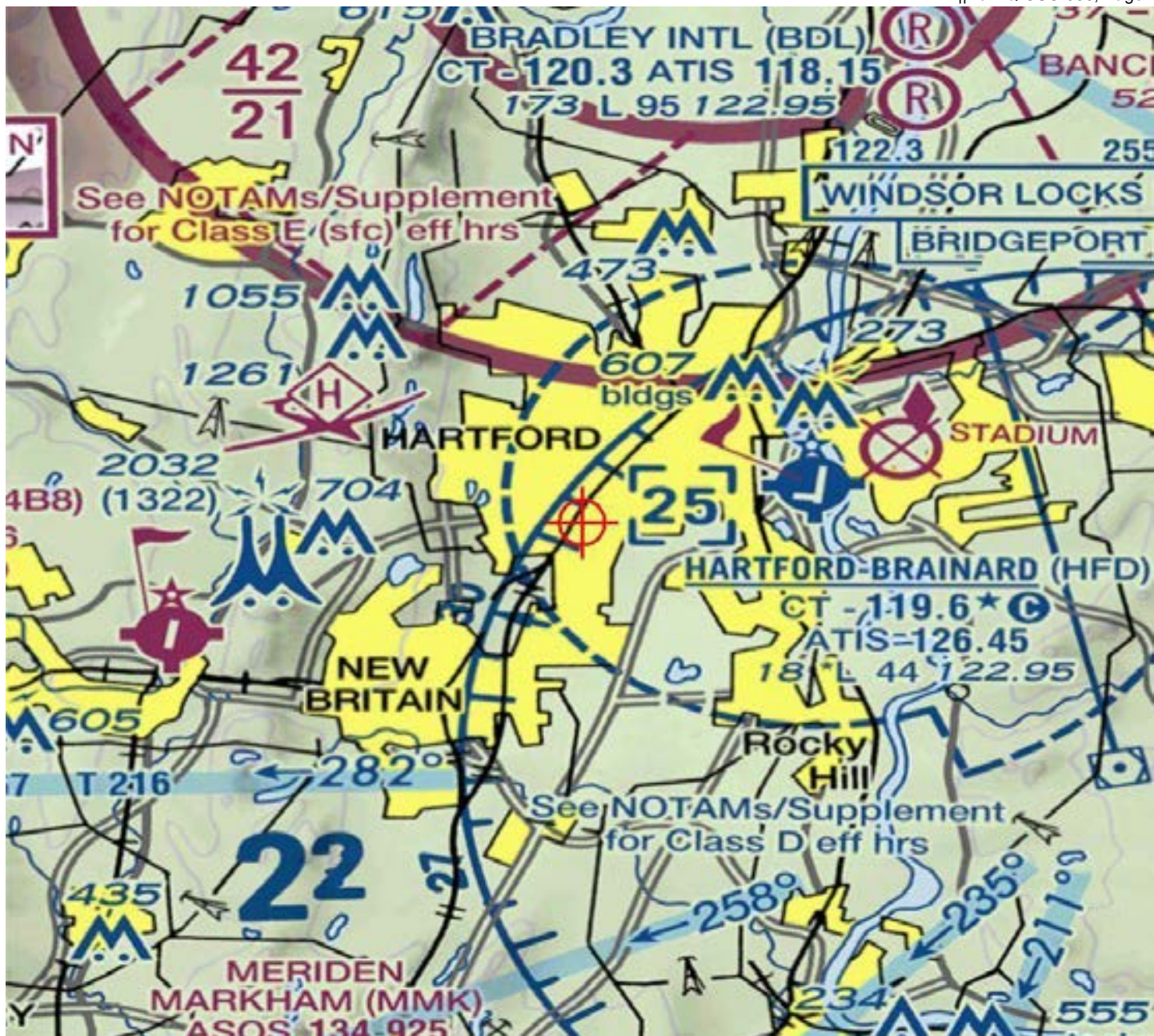
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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Issued Date: 01/23/2018

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 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_25
Location:	Newington, CT
Latitude:	41-43-38.26N NAD 83
Longitude:	72-43-37.70W
Heights:	71 feet site elevation (SE) 98 feet above ground level (AGL) 169 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-295-OE.

**Signature Control No: 352903109-353642182**

( DNE )

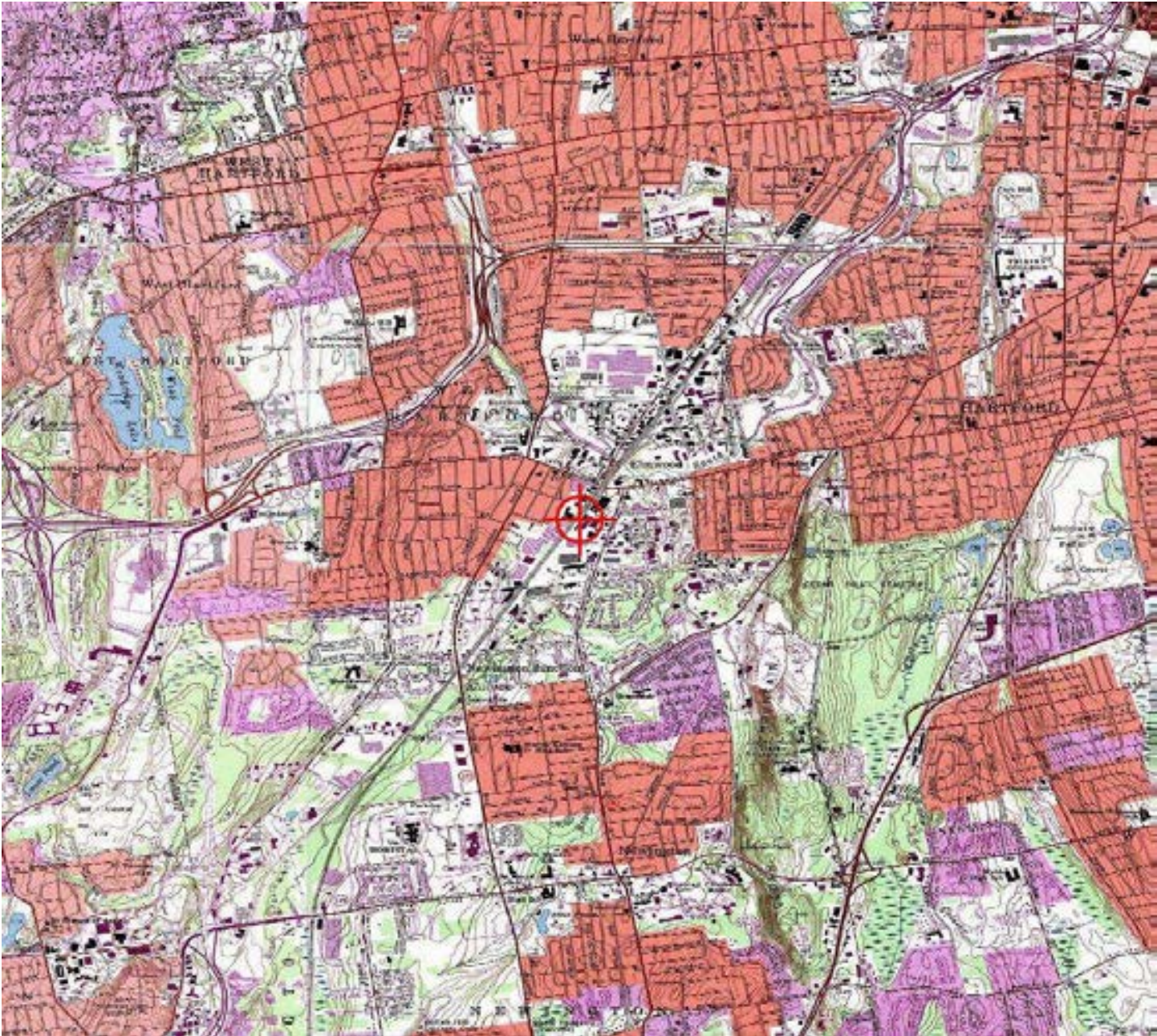
Darin Clipper  
Specialist

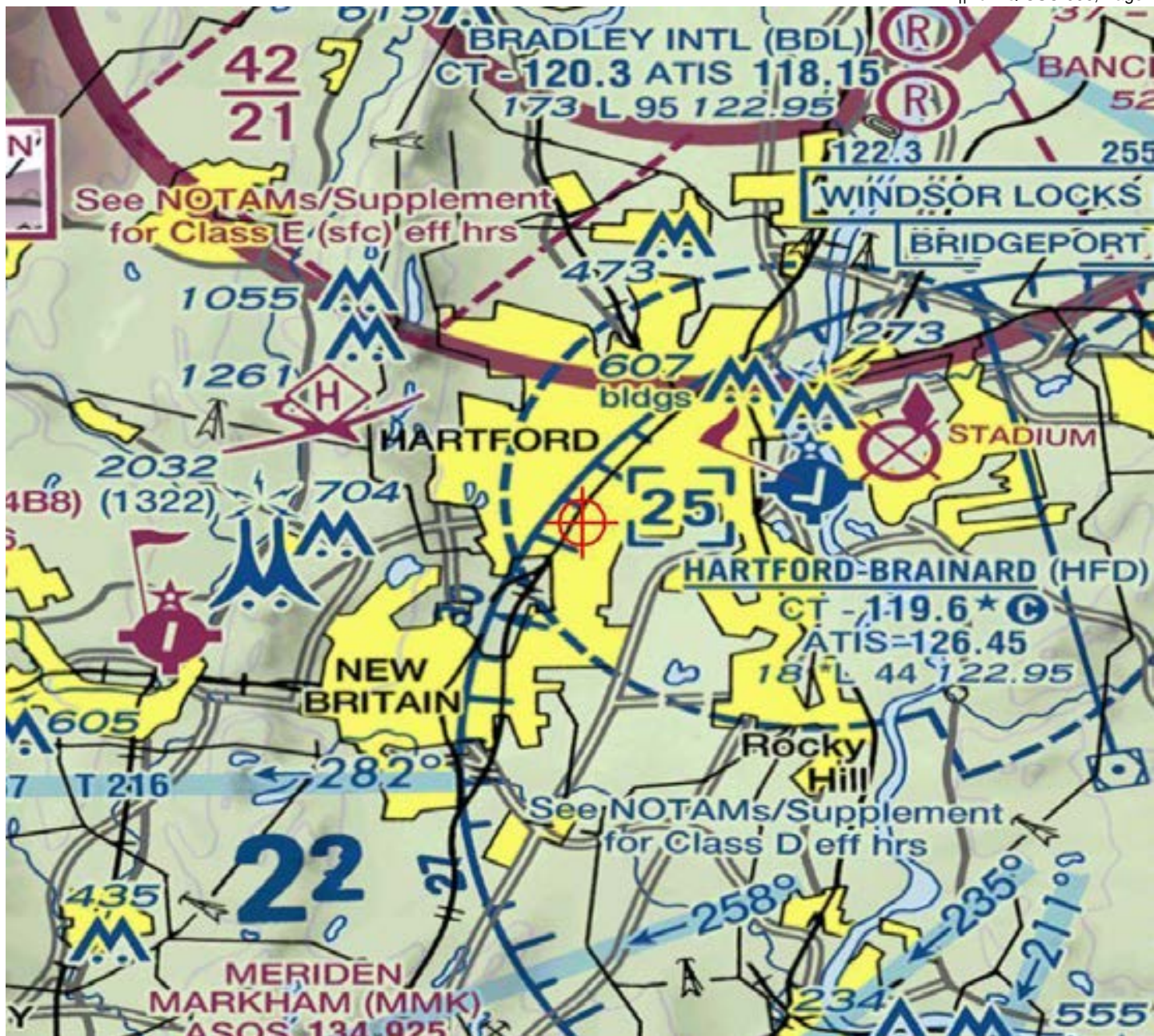
Attachment(s)  
Case Description  
Map(s)



## Case Description for ASN 2018-ANE-295-OE

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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**\*\* 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:	Transmission Line Line_1346_Str_26
Location:	Newington, CT
Latitude:	41-43-40.45N NAD 83
Longitude:	72-43-36.18W
Heights:	71 feet site elevation (SE) 103 feet above ground level (AGL) 174 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 unless:

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-296-OE.

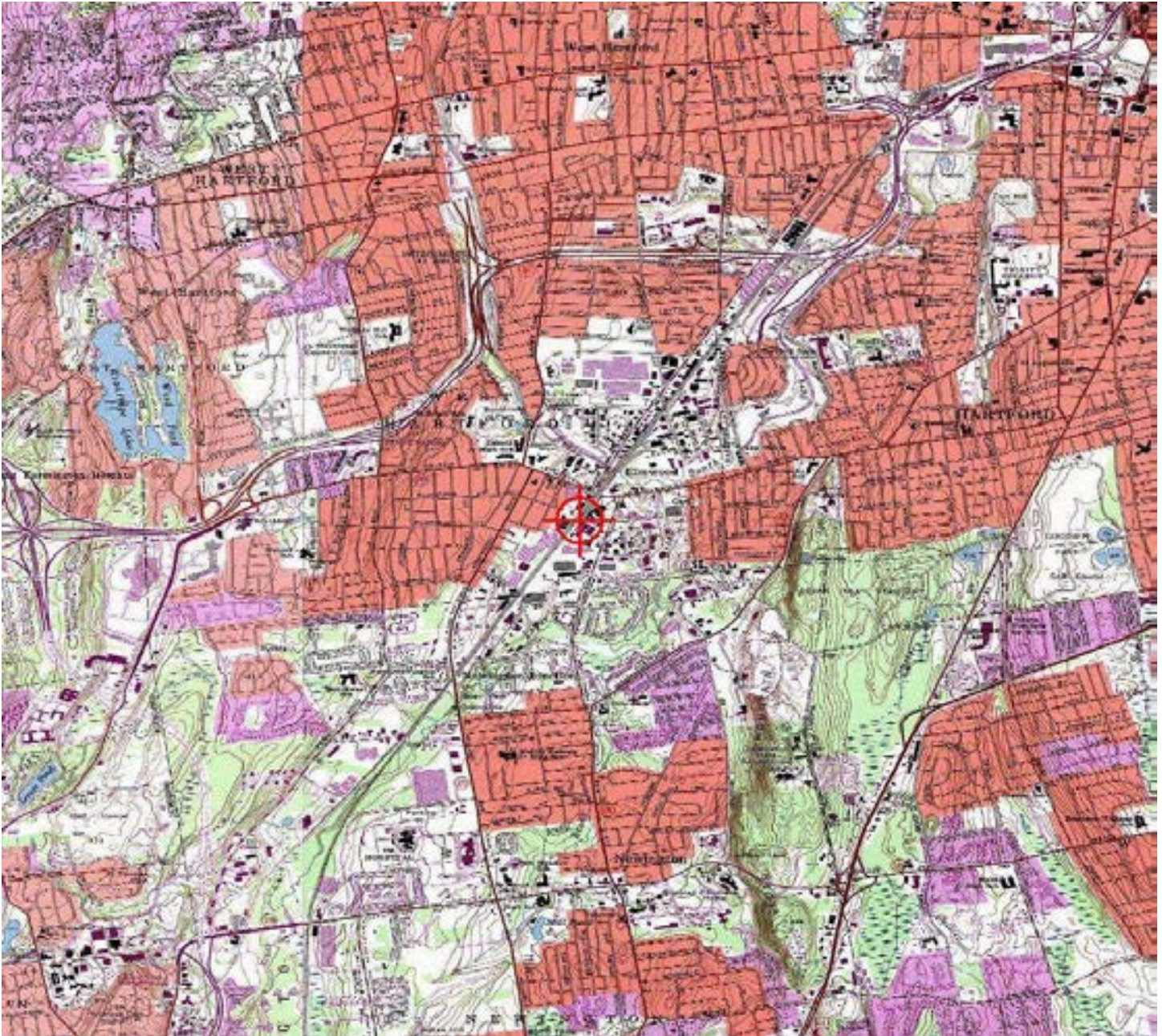
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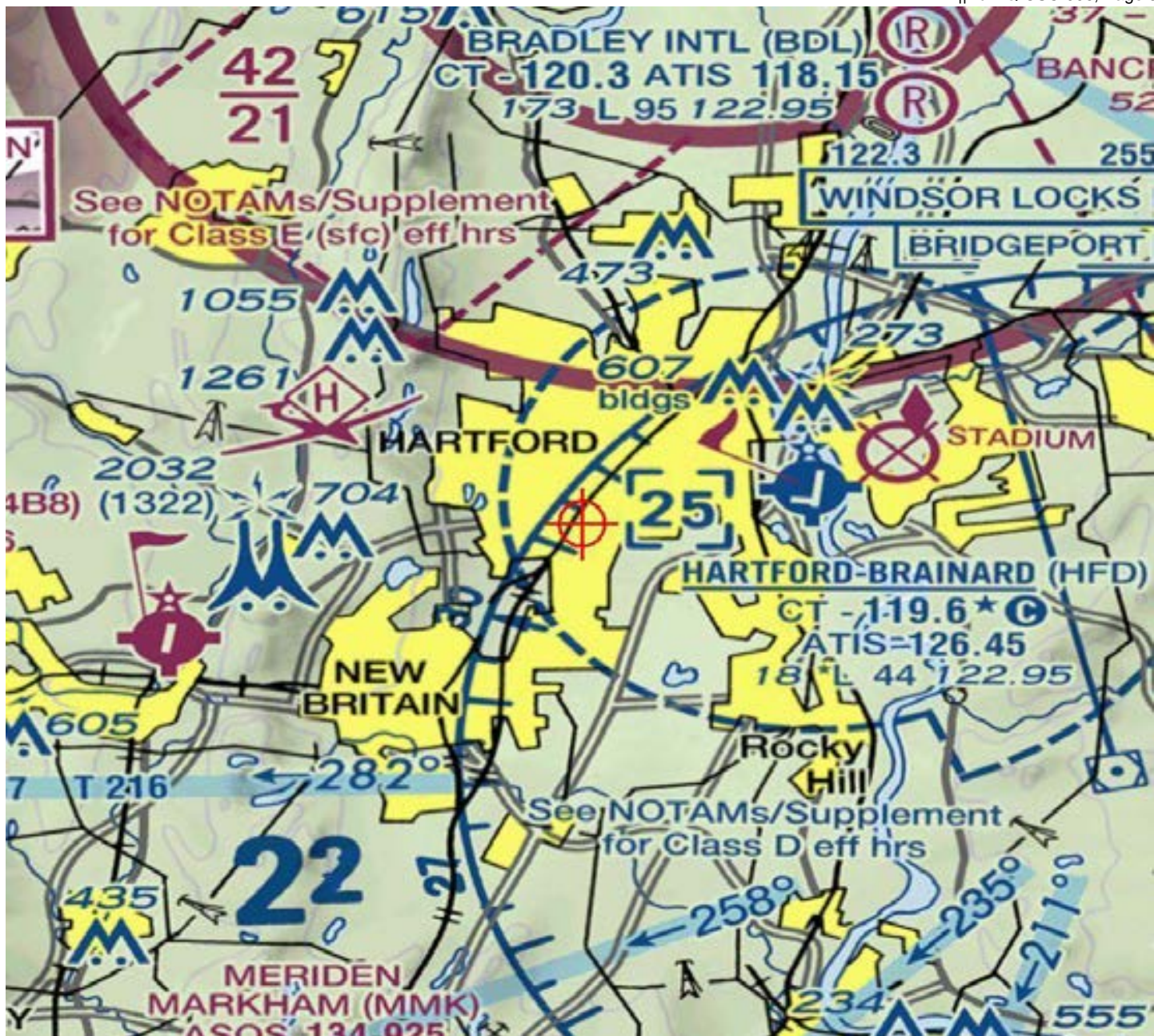
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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**\*\* 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:	Transmission Line Line_1346_Str_27
Location:	Newington, CT
Latitude:	41-43-42.60N NAD 83
Longitude:	72-43-34.53W
Heights:	70 feet site elevation (SE) 103 feet above ground level (AGL) 173 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-297-OE.

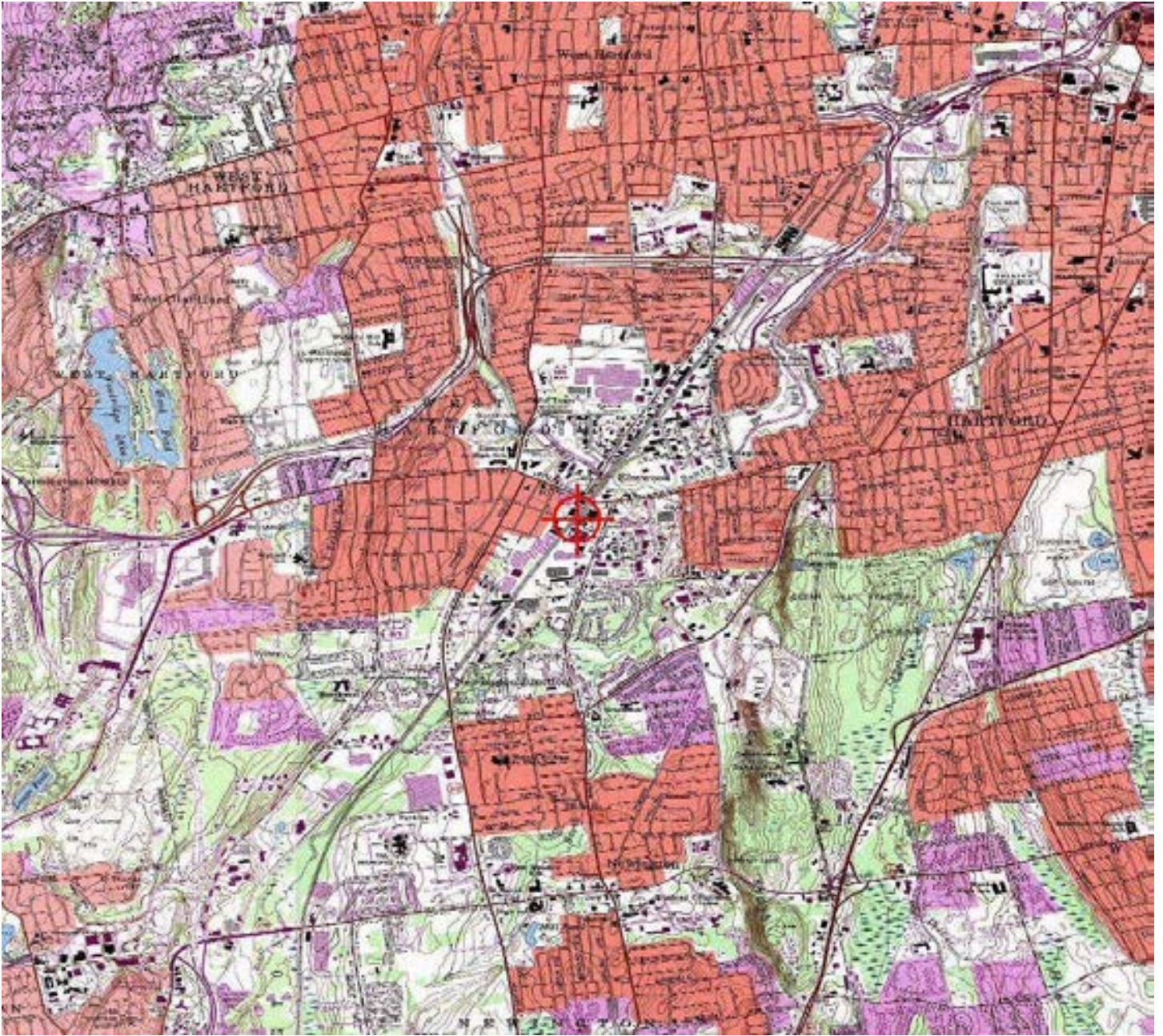
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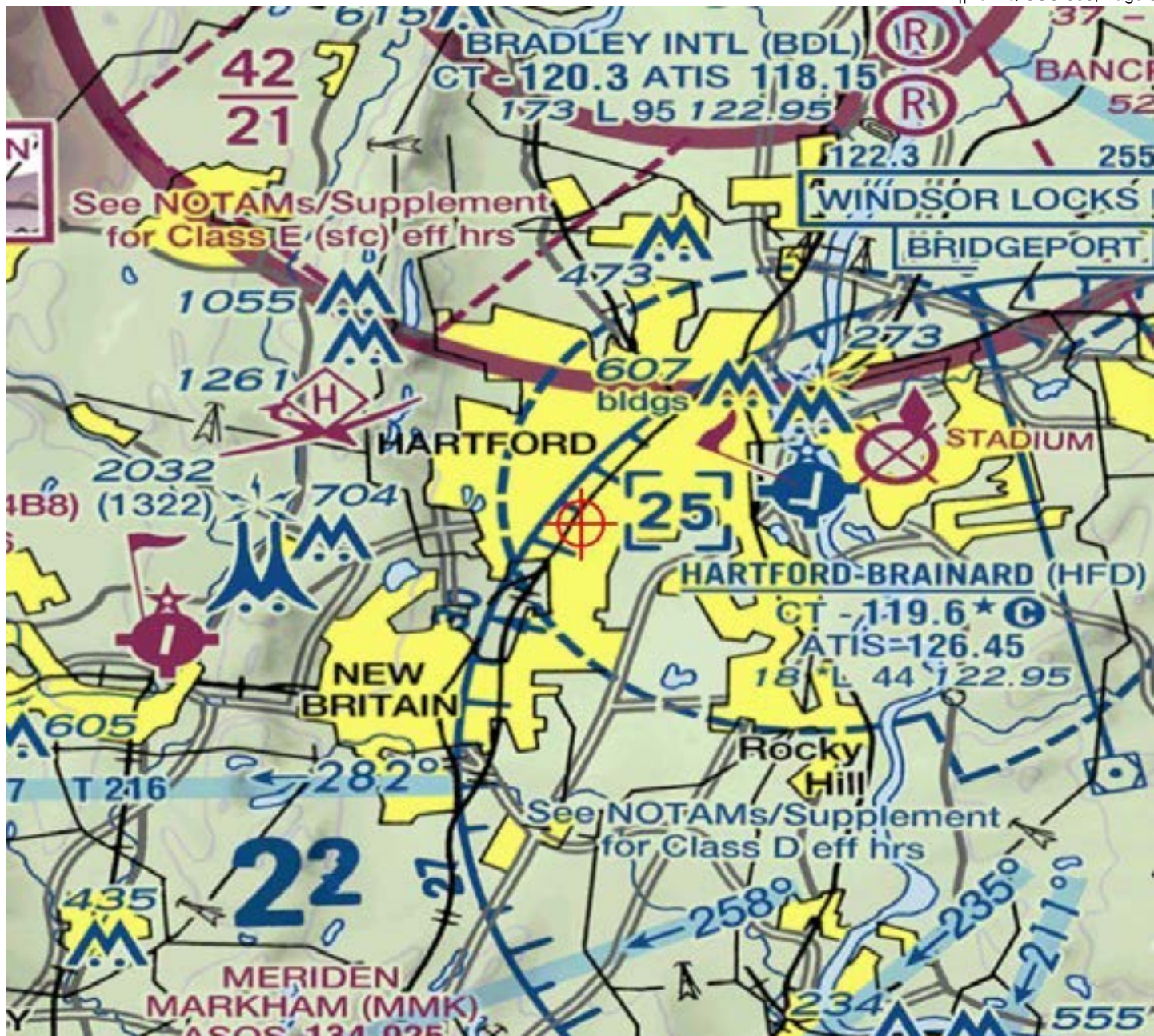
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Federal Aviation Administration  
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 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_28
Location:	Newington, CT
Latitude:	41-43-44.73N NAD 83
Longitude:	72-43-32.84W
Heights:	69 feet site elevation (SE) 103 feet above ground level (AGL) 172 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-298-OE.

**Signature Control No: 352903128-353642190**

( DNE )

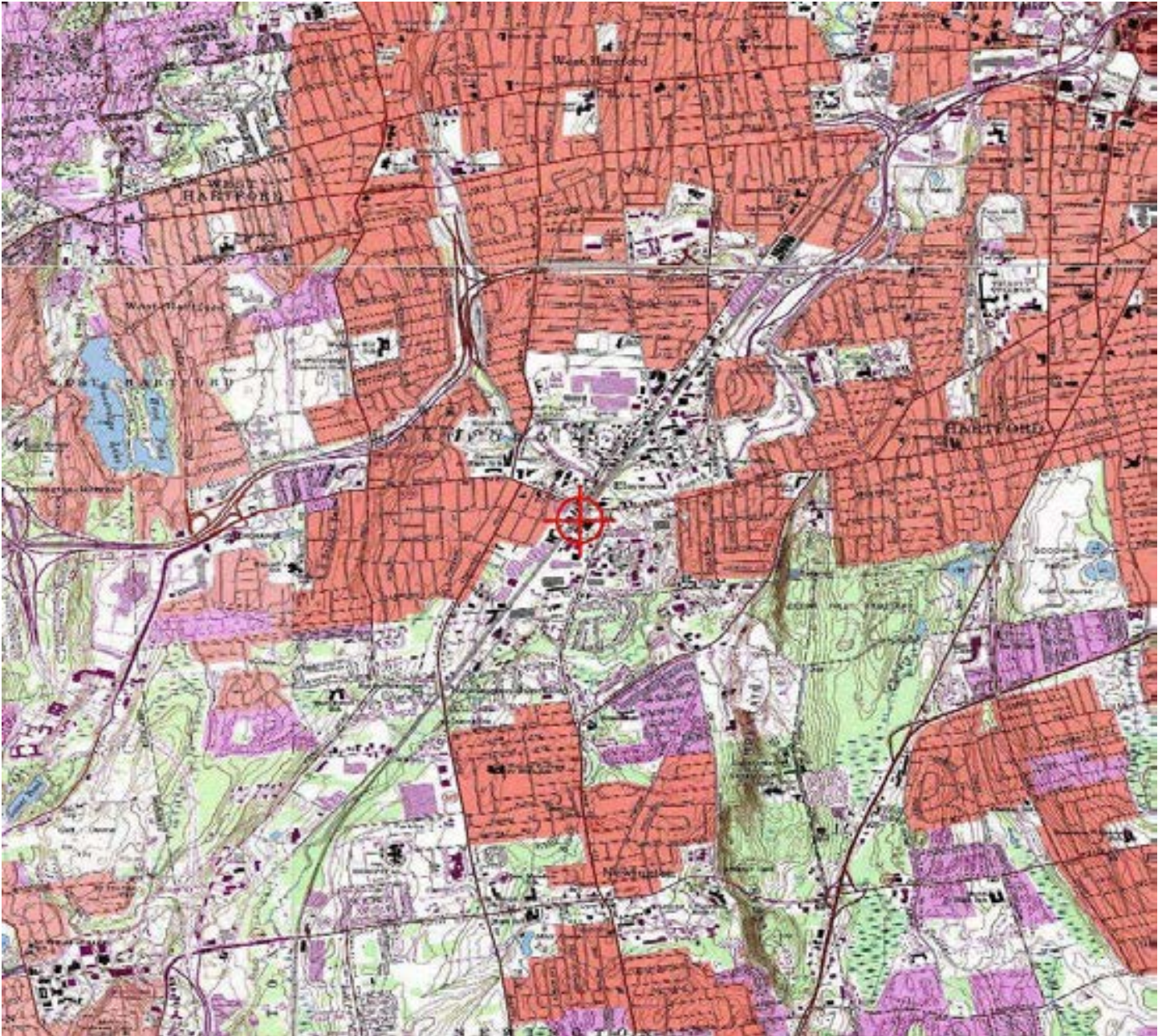
Darin Clipper  
Specialist

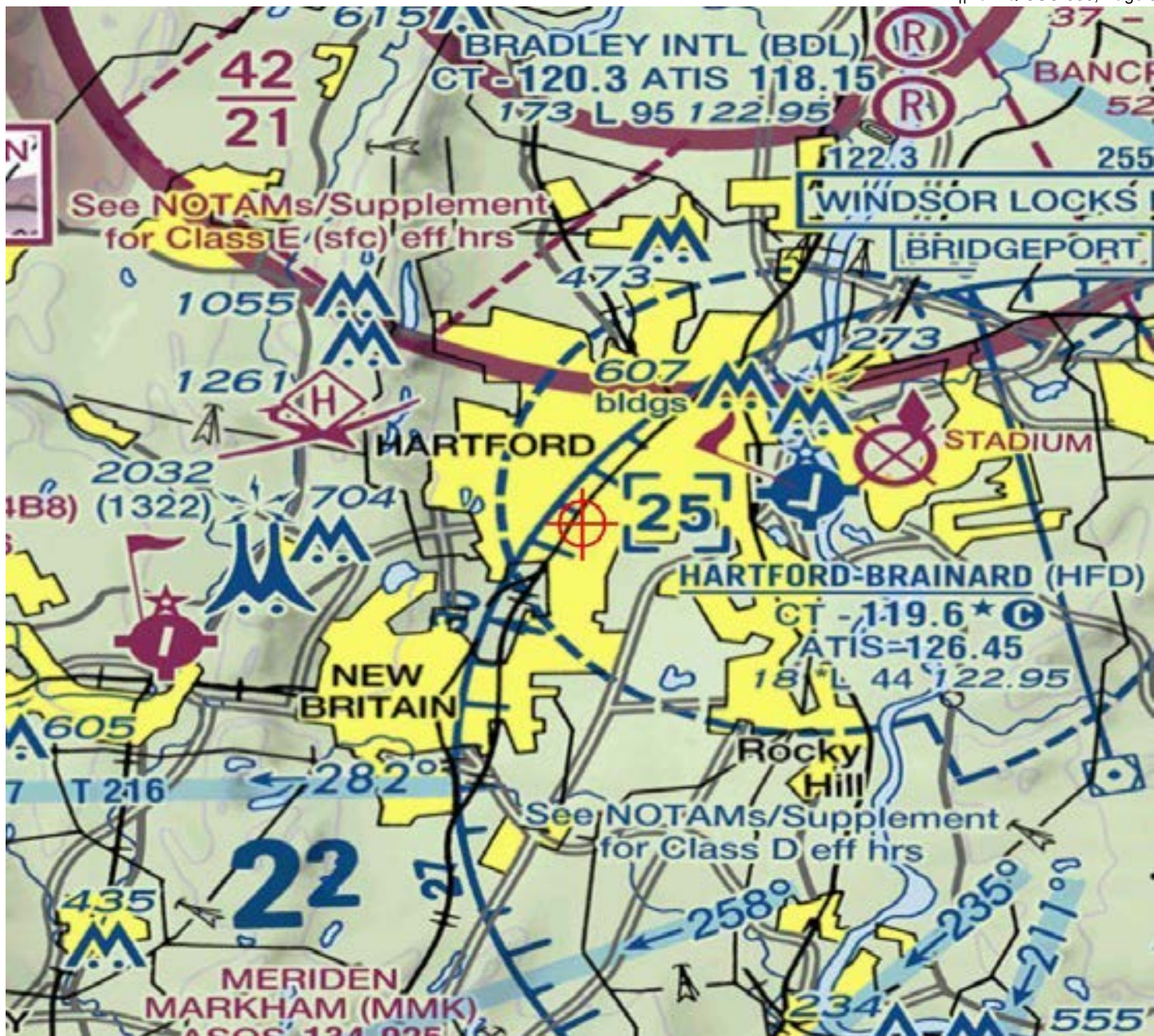
Attachment(s)  
Case Description  
Map(s)

## Case Description for ASN 2018-ANE-298-OE

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_29
Location:	Newington, CT
Latitude:	41-43-46.82N NAD 83
Longitude:	72-43-31.08W
Heights:	64 feet site elevation (SE) 108 feet above ground level (AGL) 172 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-299-OE.

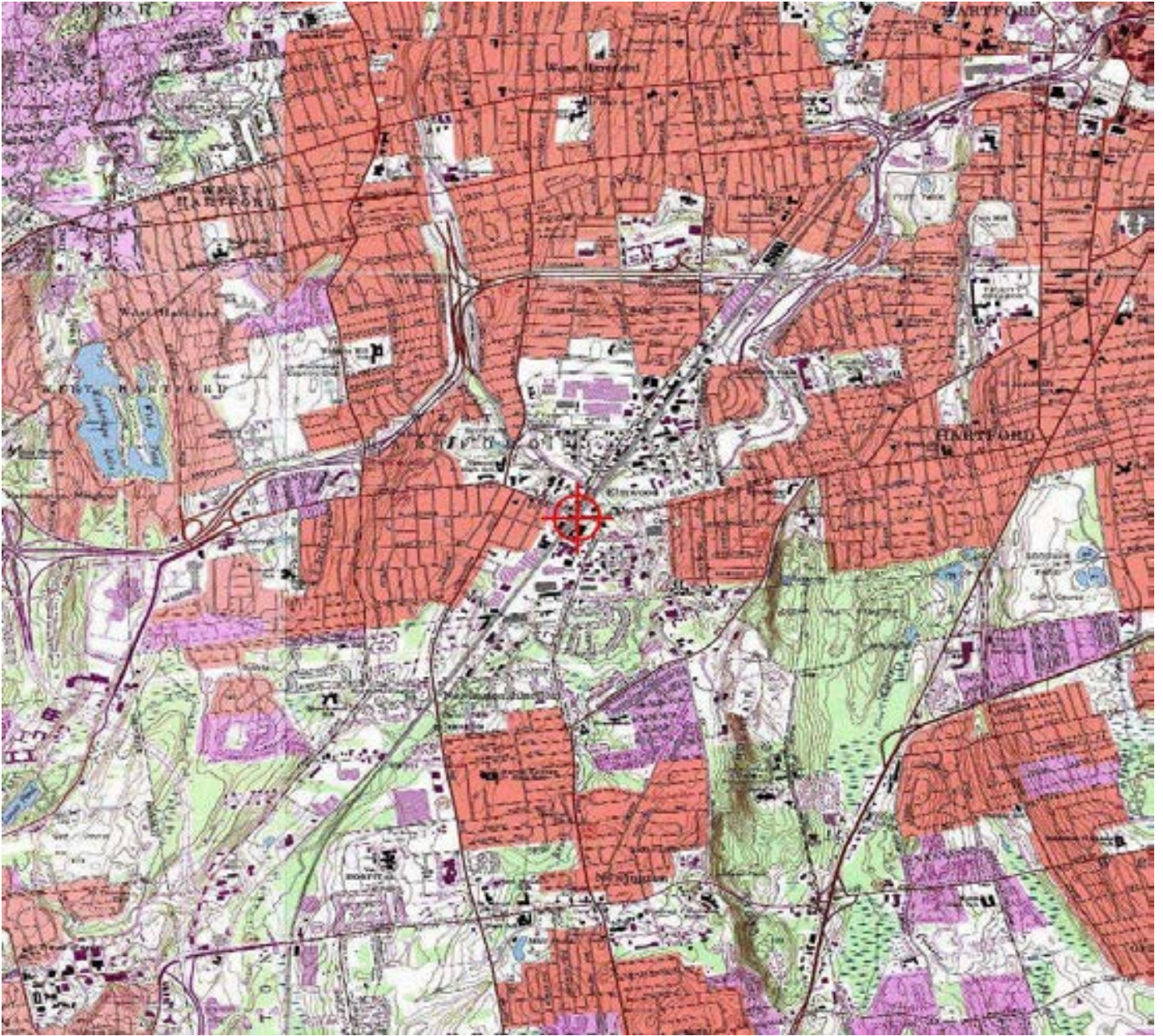
**Signature Control No: 352903134-353642184**  
Darin Clipper  
Specialist

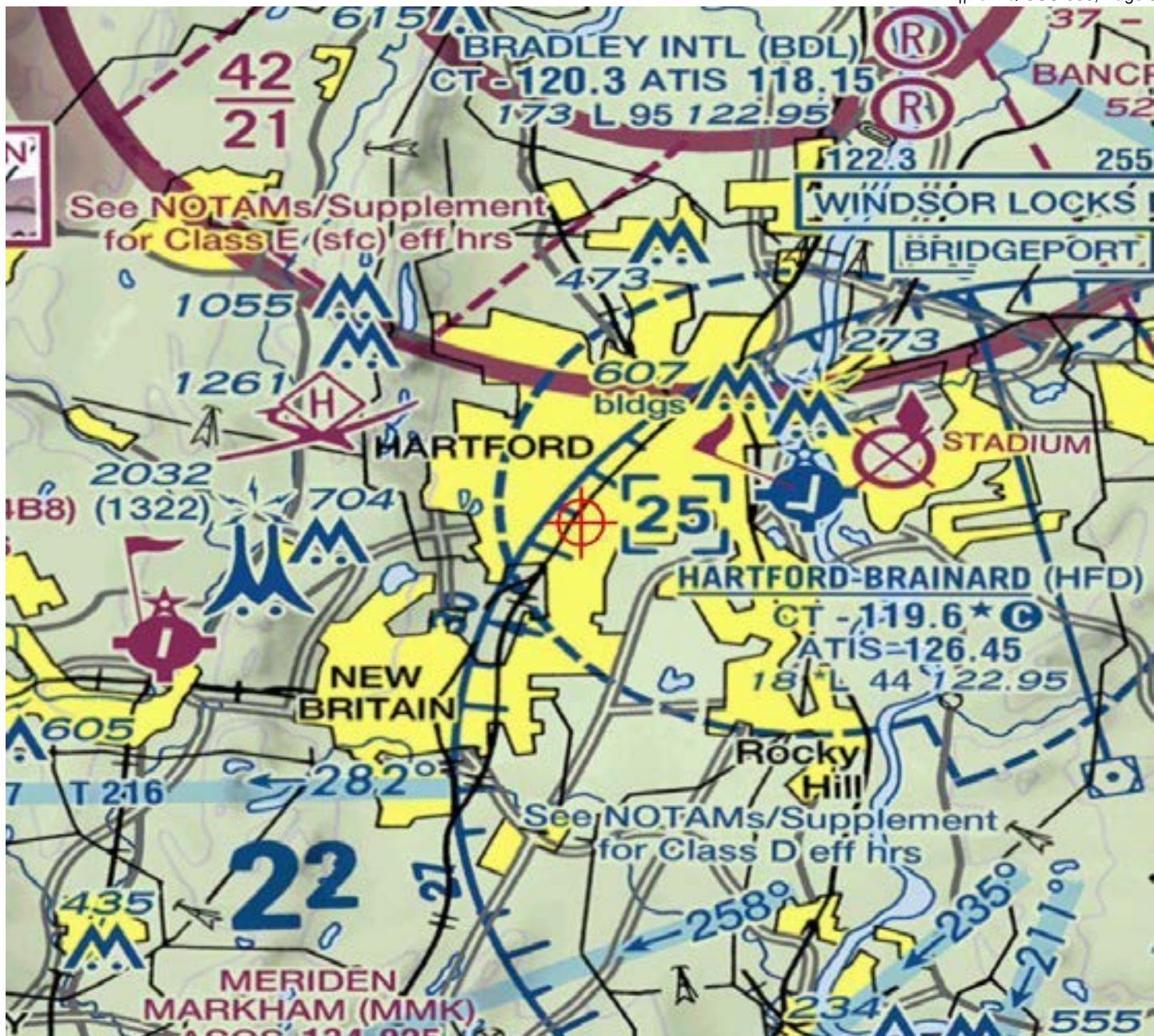
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Attachment(s)  
Case Description  
Map(s)

## Case Description for ASN 2018-ANE-299-OE

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_30
Location:	Newington, CT
Latitude:	41-43-49.55N NAD 83
Longitude:	72-43-28.78W
Heights:	61 feet site elevation (SE) 108 feet above ground level (AGL) 169 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-300-OE.

**Signature Control No: 352903139-353642186**

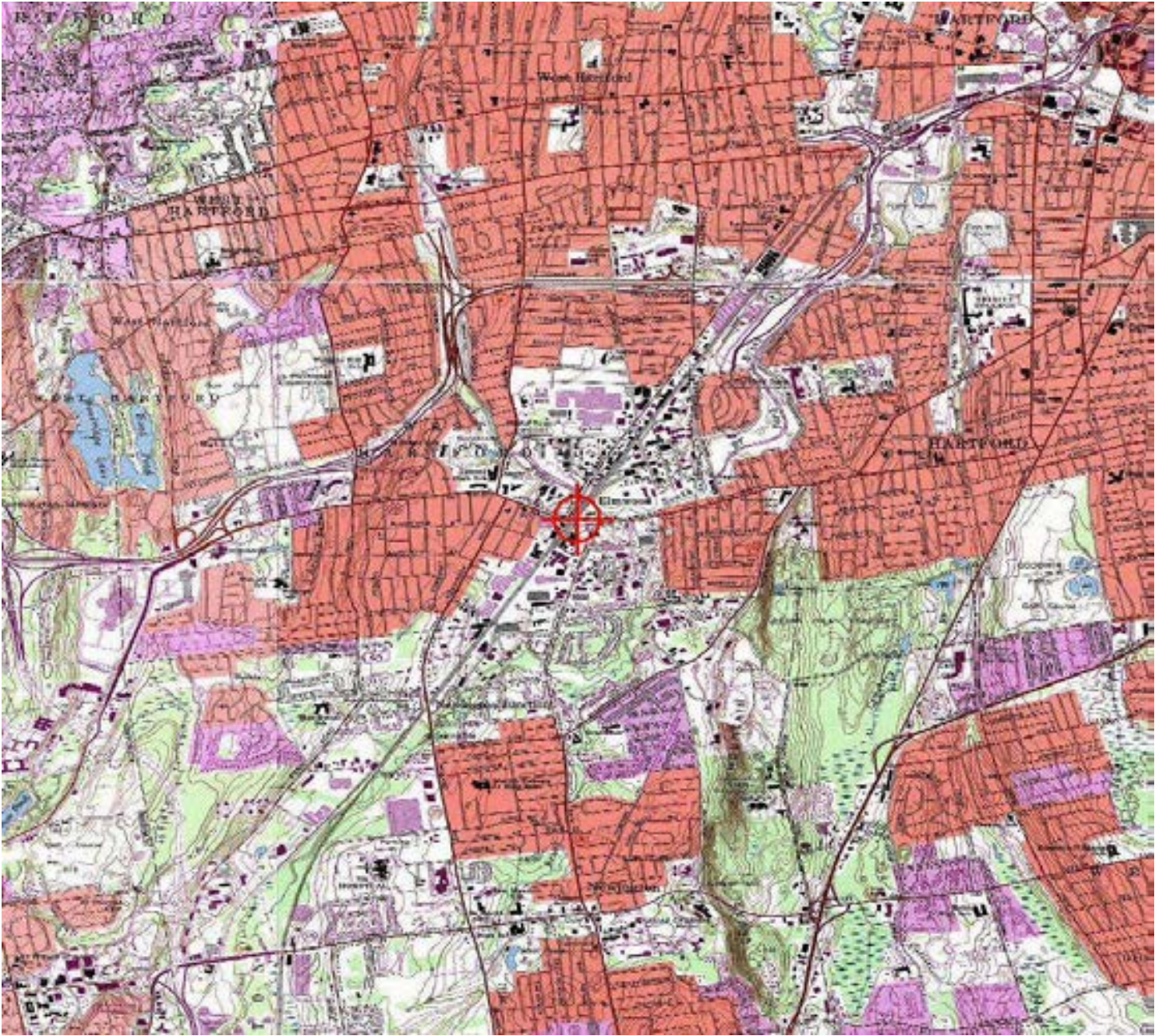
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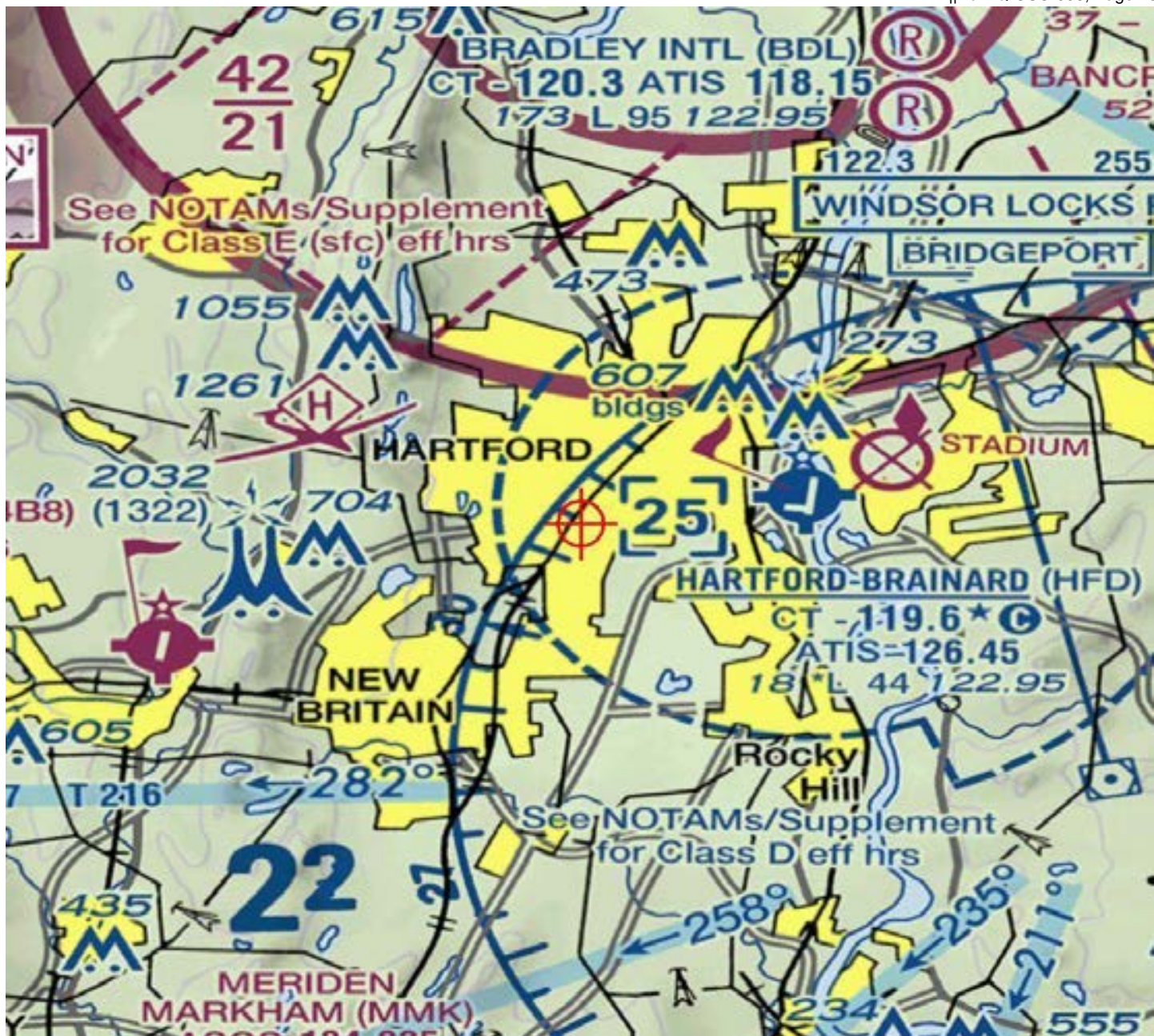
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

## Case Description for ASN 2018-ANE-300-OE

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

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**\*\* 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:	Transmission Line Line_1346_Str_31
Location:	Newington, CT
Latitude:	41-43-52.17N NAD 83
Longitude:	72-43-26.73W
Heights:	58 feet site elevation (SE) 113 feet above ground level (AGL) 171 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 unless:

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- (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.

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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-301-OE.

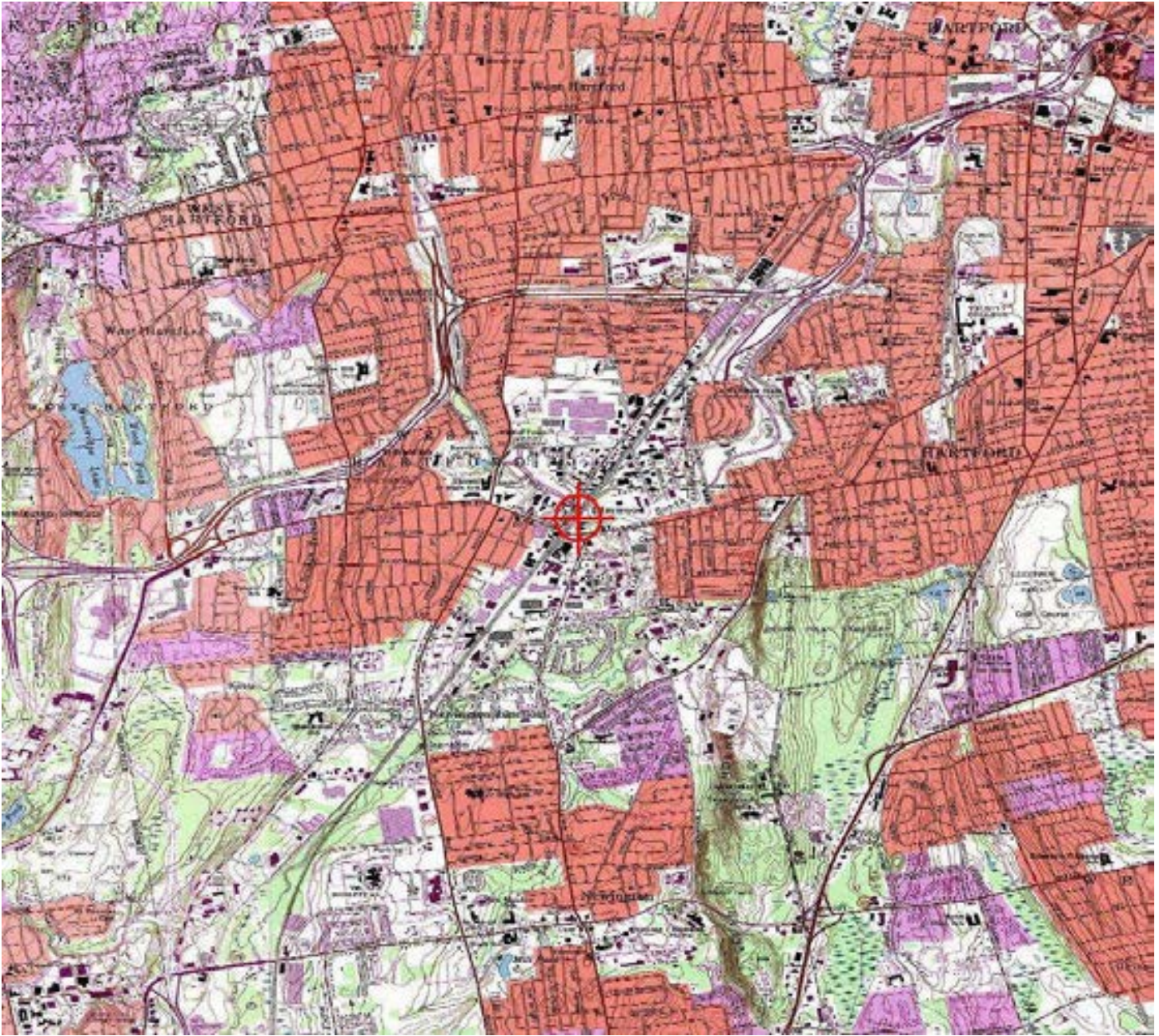
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( DNE )

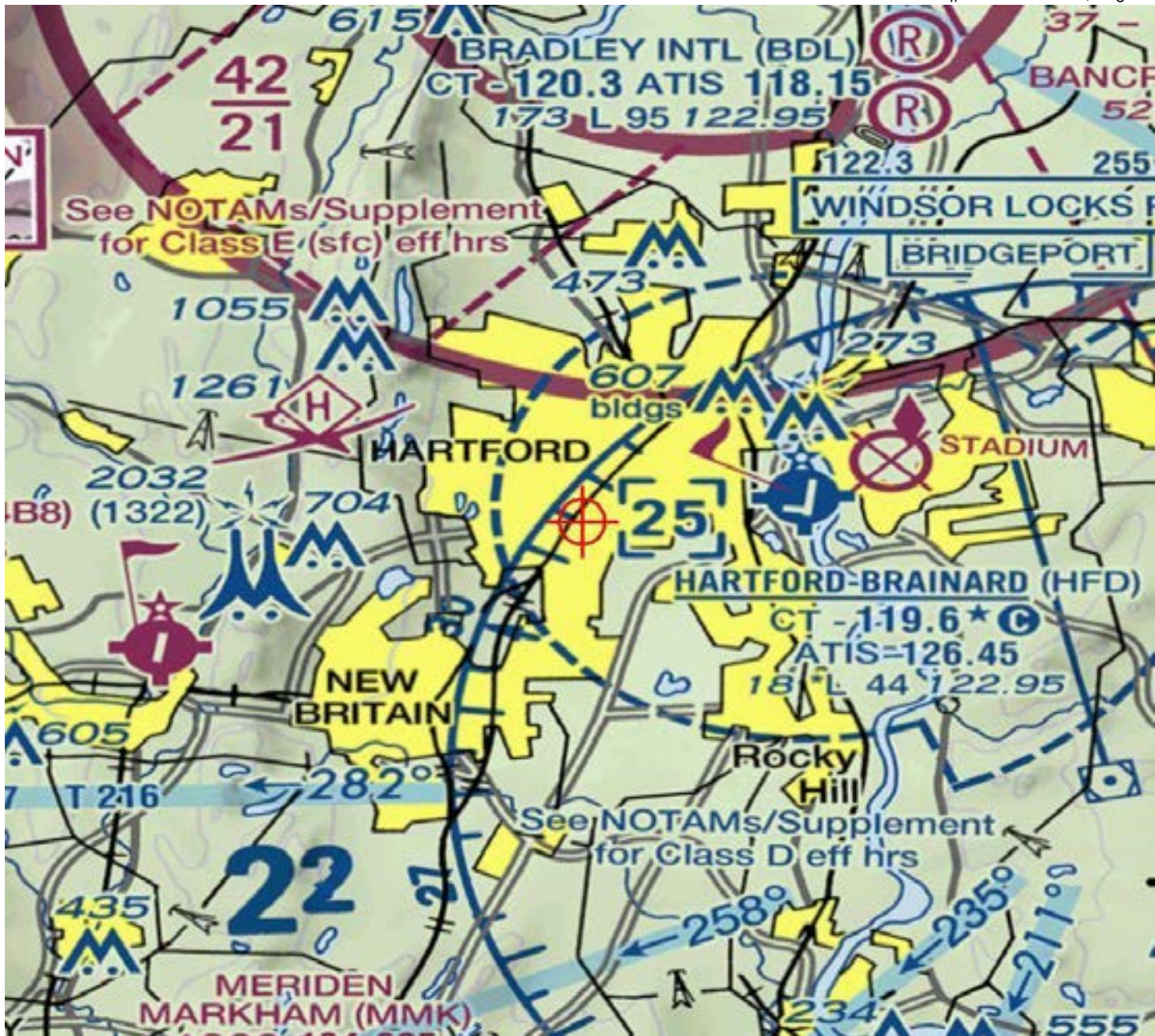
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_32
Location:	Newington, CT
Latitude:	41-43-55.29N NAD 83
Longitude:	72-43-24.24W
Heights:	61 feet site elevation (SE) 108 feet above ground level (AGL) 169 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:

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This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-302-OE.

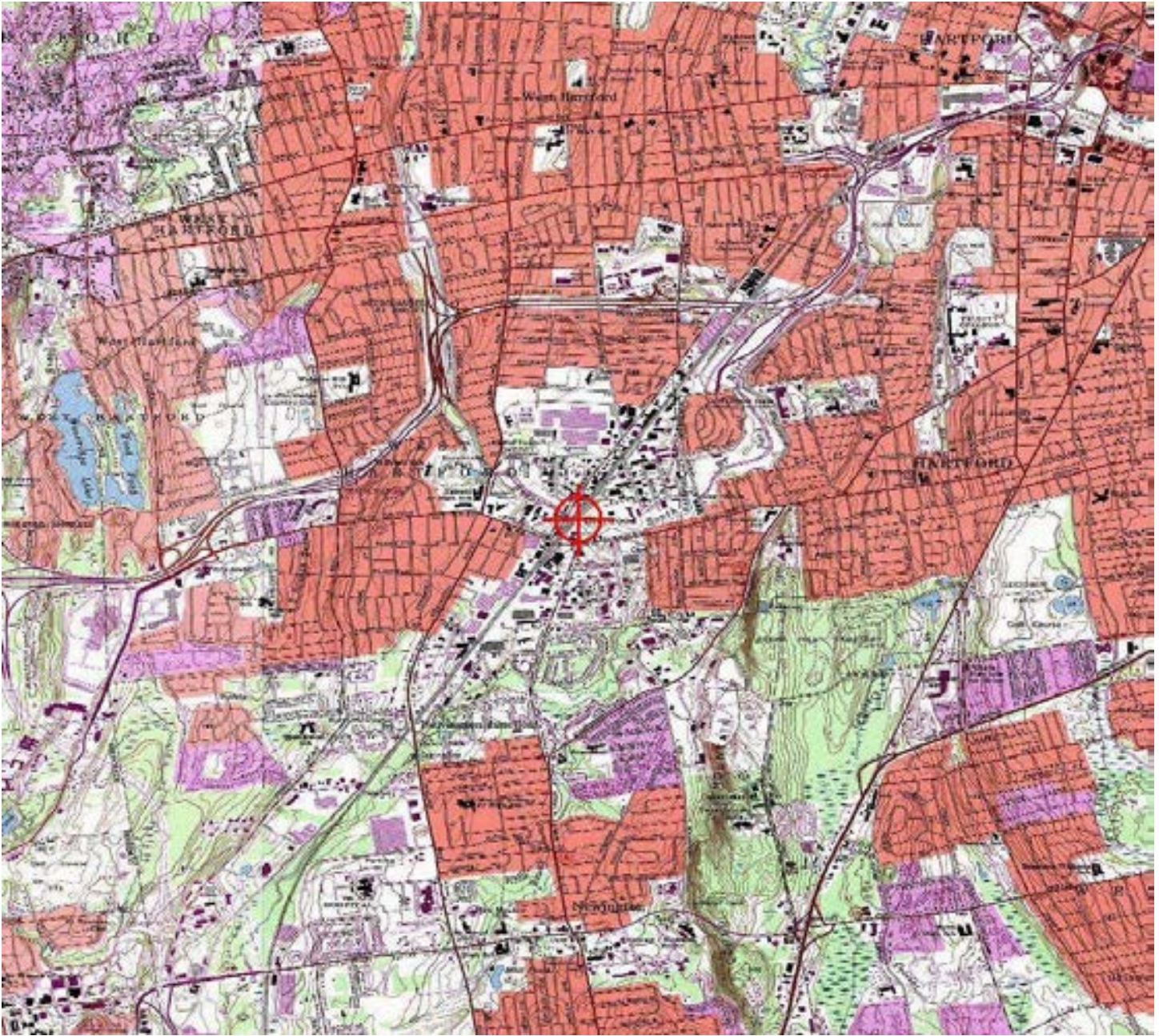
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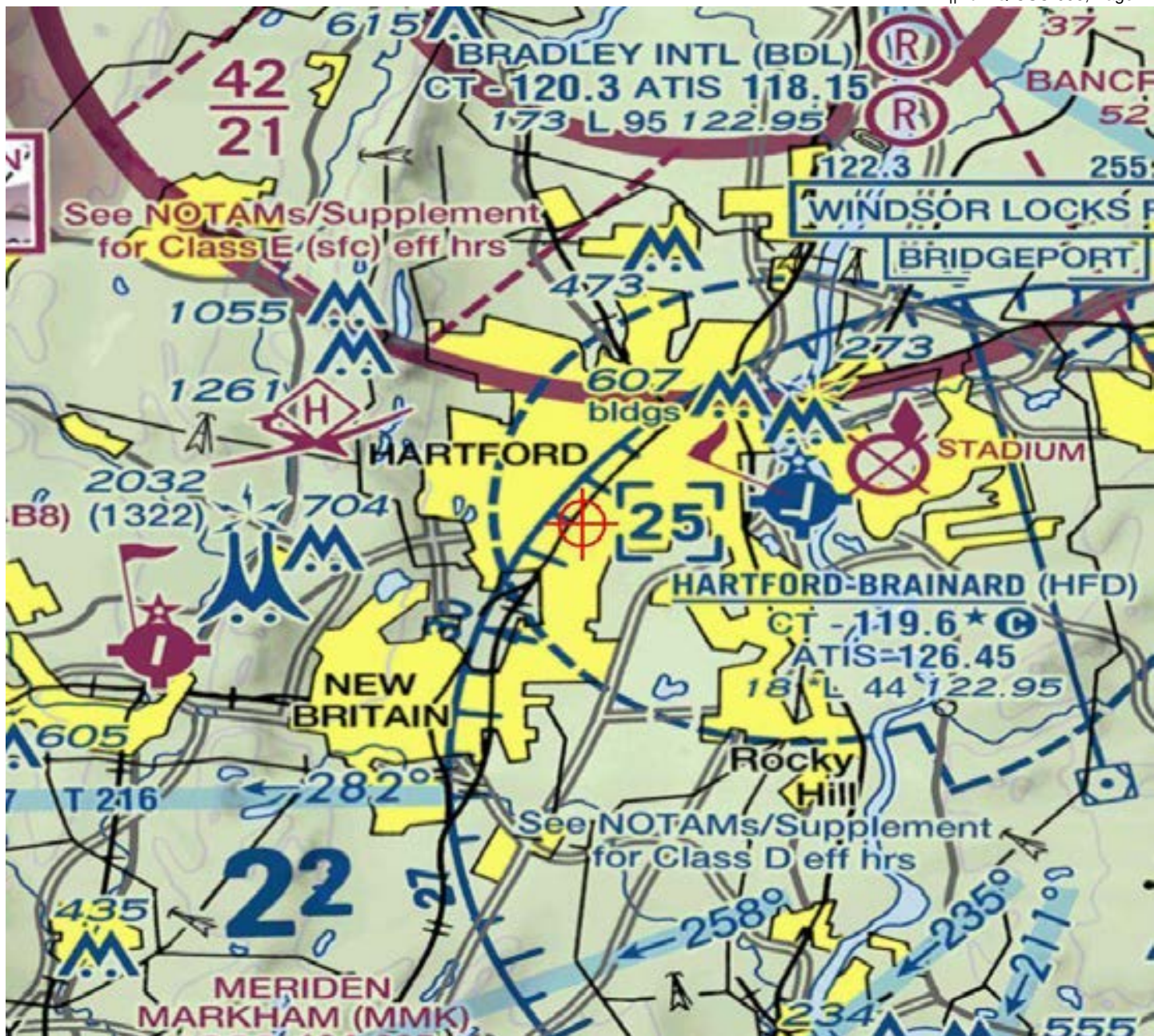
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_33
Location:	Newington, CT
Latitude:	41-43-57.39N NAD 83
Longitude:	72-43-22.46W
Heights:	60 feet site elevation (SE)
	98 feet above ground level (AGL)
	158 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-303-OE.

**Signature Control No: 352903155-353642214**

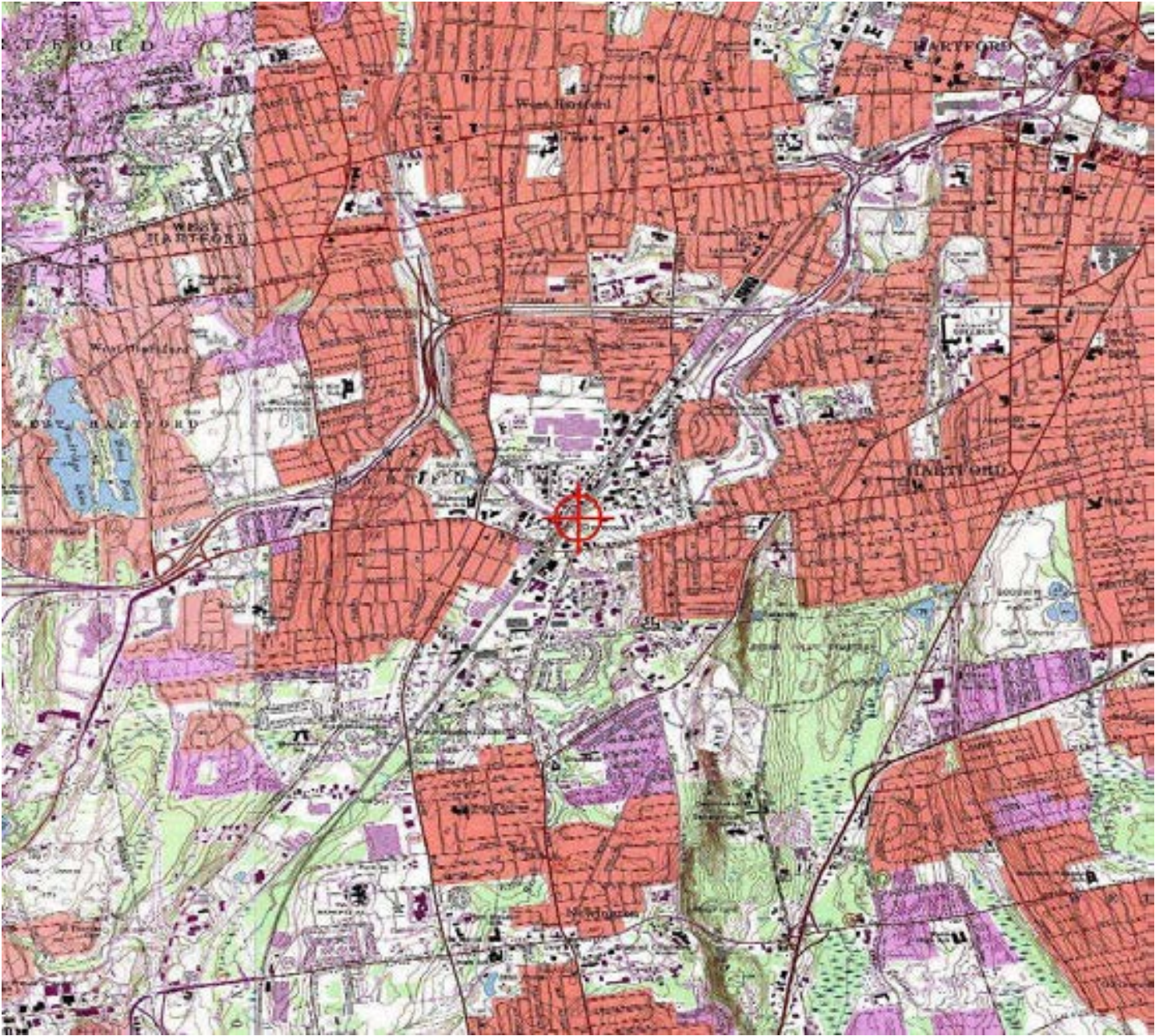
( DNE )

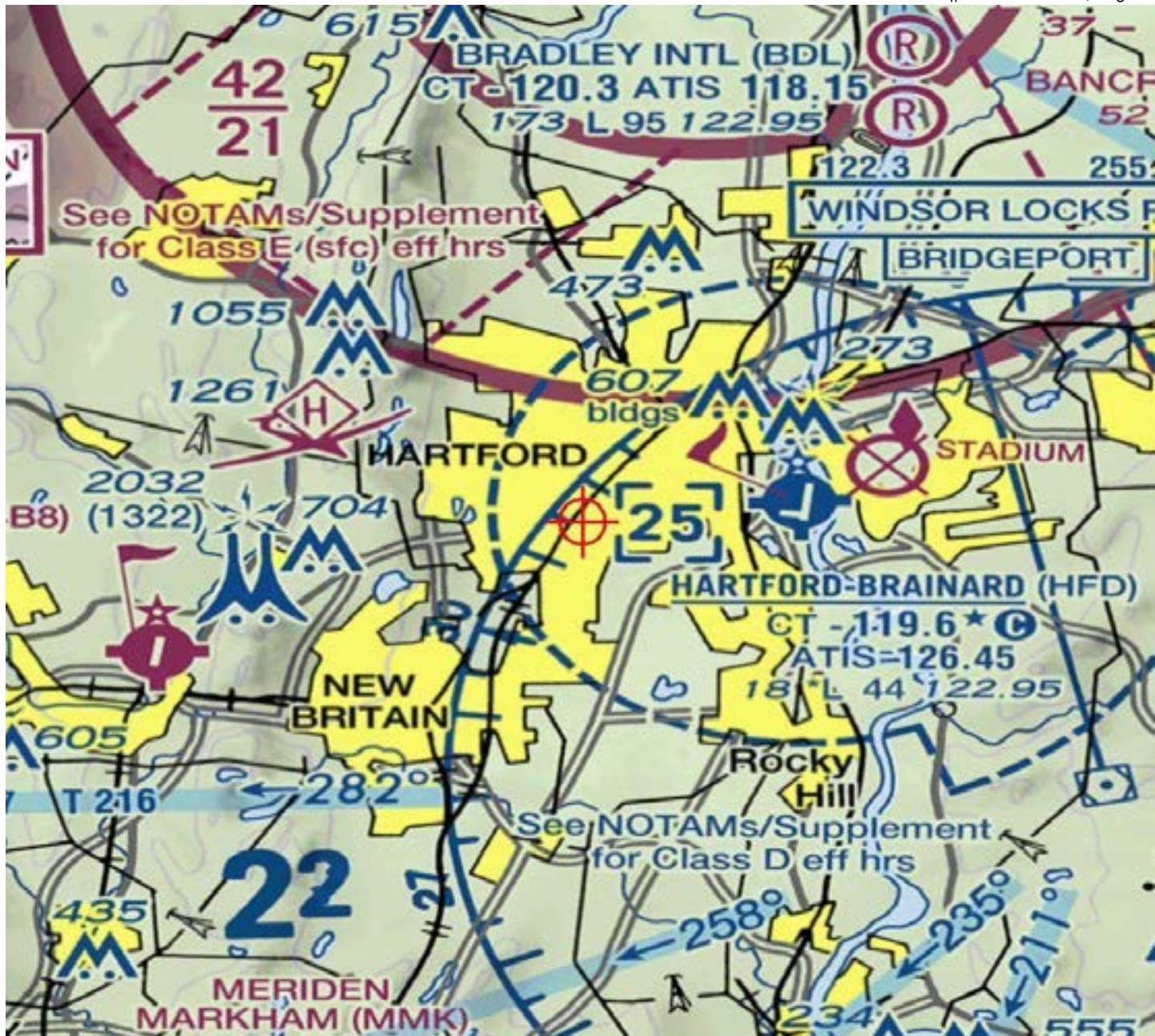
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)



EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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**\*\* 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:	Transmission Line Line_1346_Str_34
Location:	Newington, CT
Latitude:	41-43-59.62N NAD 83
Longitude:	72-43-21.03W
Heights:	59 feet site elevation (SE) 103 feet above ground level (AGL) 162 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-304-OE.

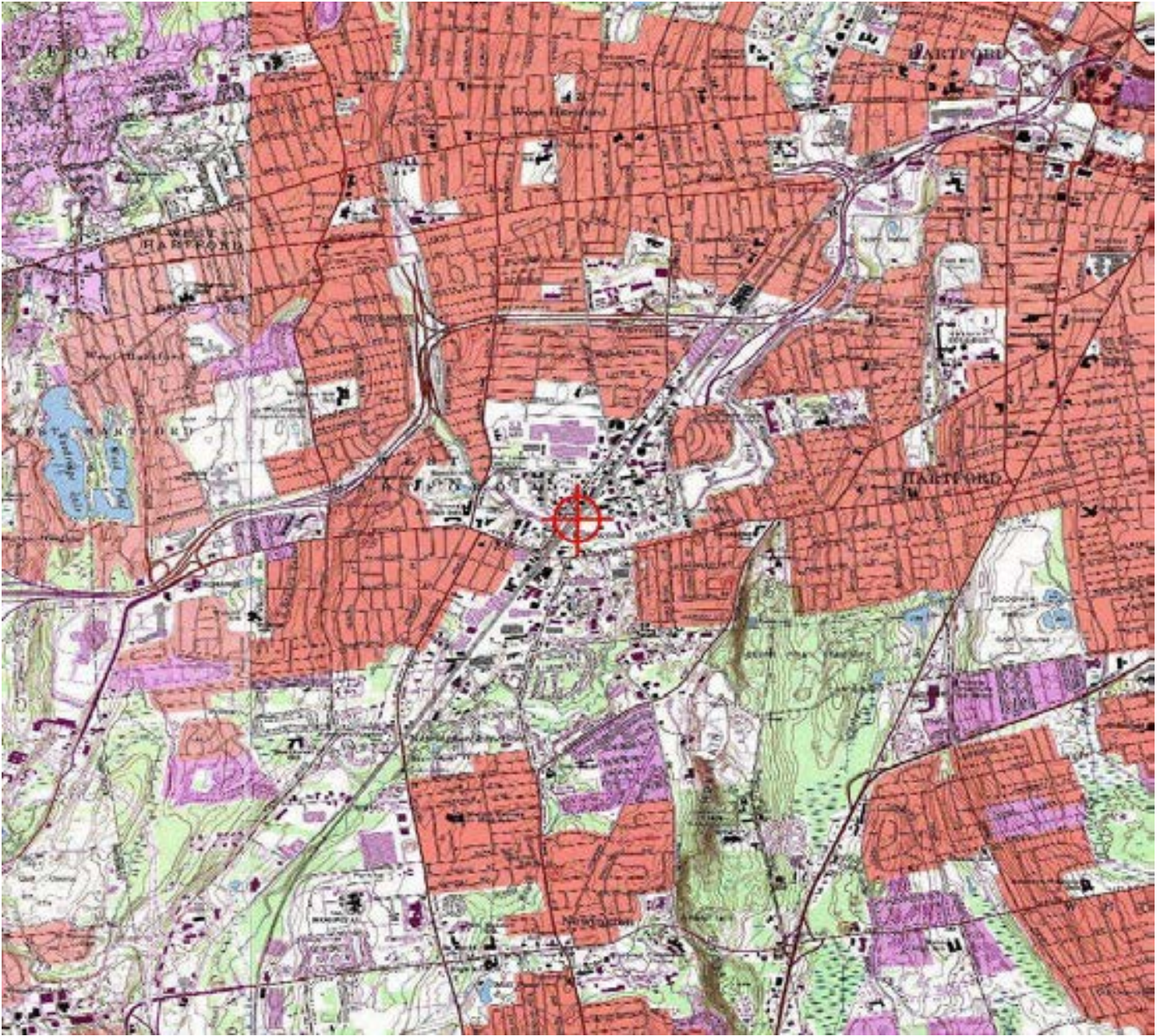
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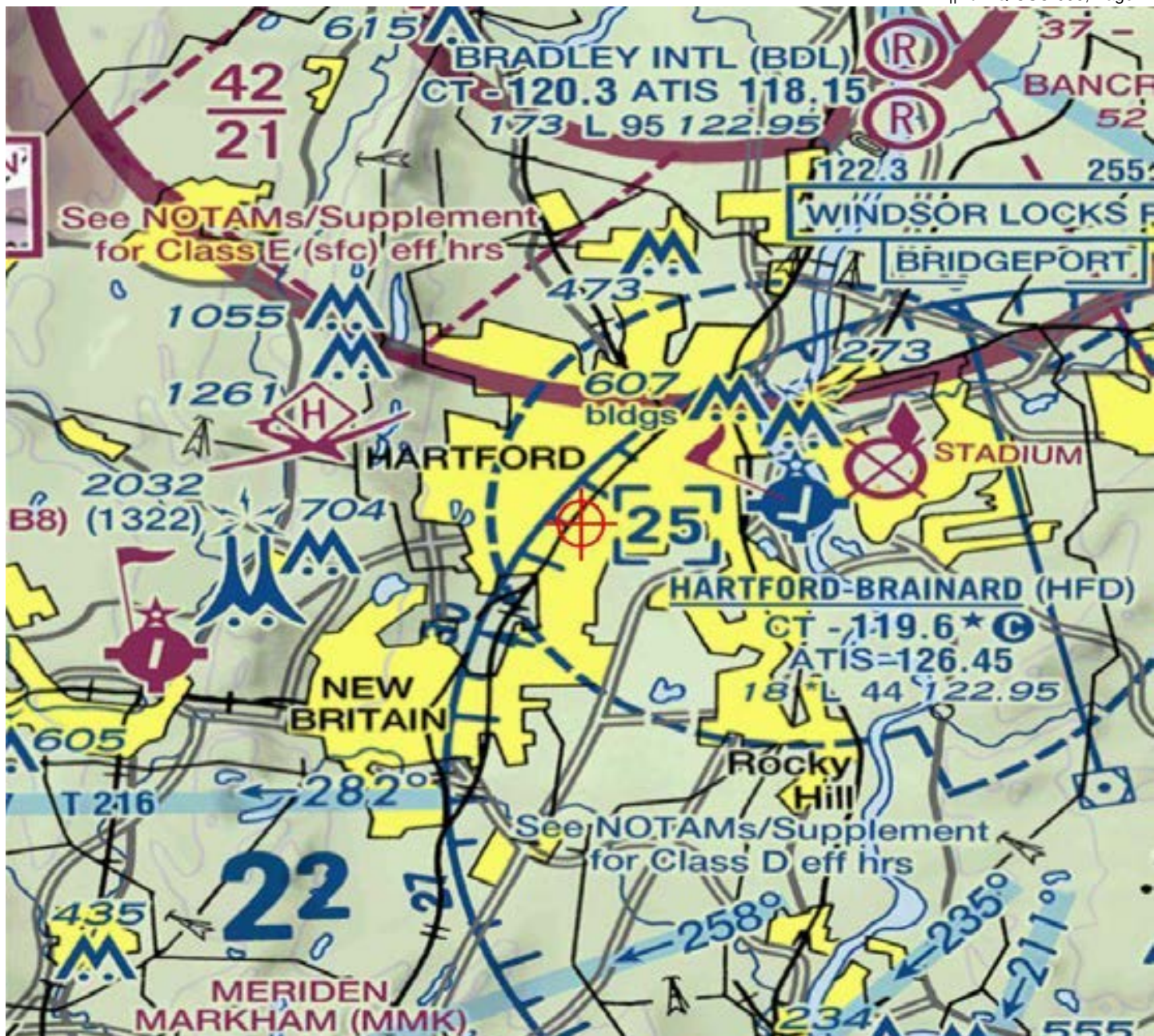
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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**\*\* 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:	Transmission Line Line_1346_Str_35
Location:	Newington, CT
Latitude:	41-44-01.75N NAD 83
Longitude:	72-43-19.32W
Heights:	63 feet site elevation (SE) 103 feet above ground level (AGL) 166 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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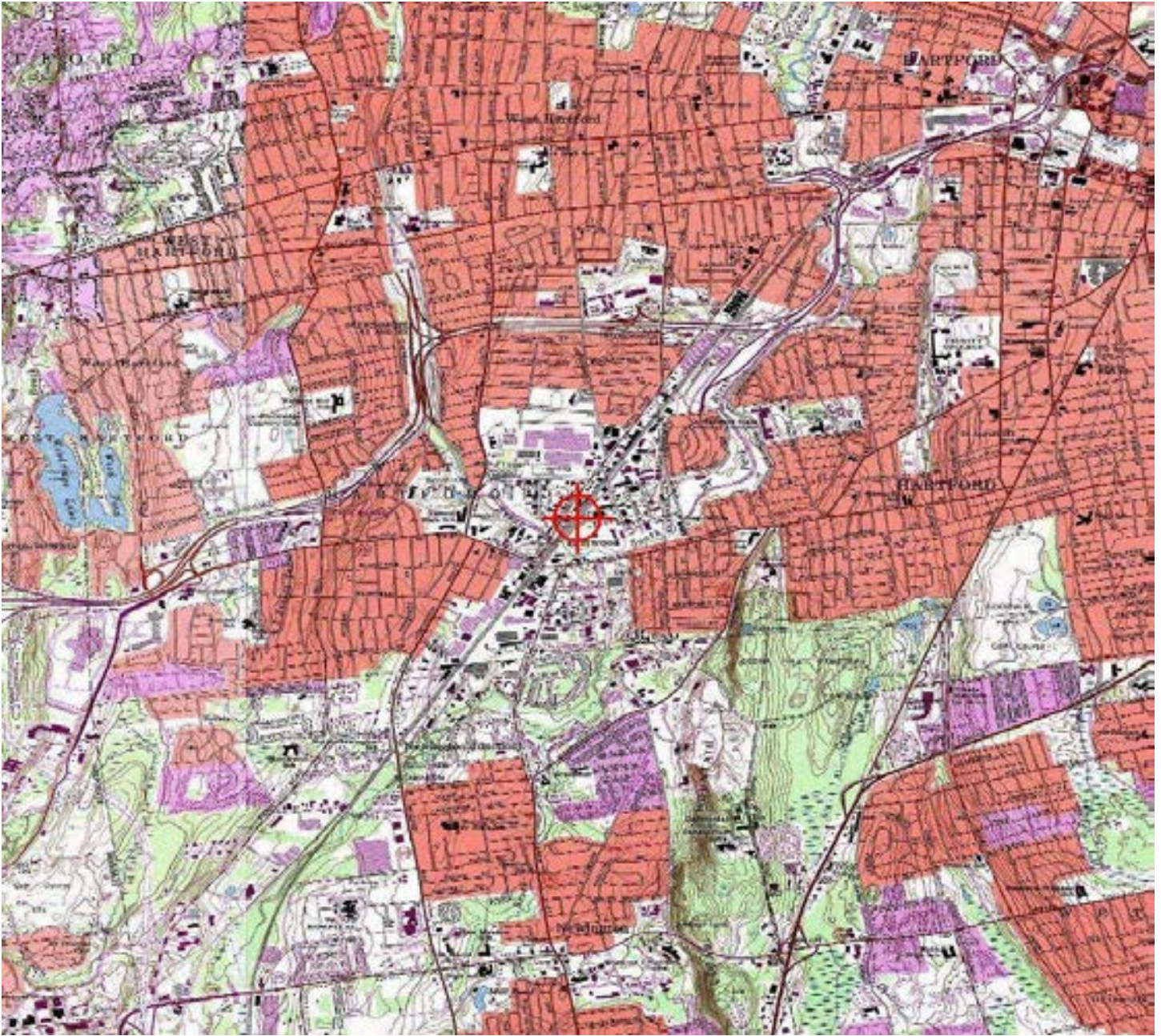
**Signature Control No: 352903162-353642217**

( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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**\*\* 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:	Transmission Line Line_1346_Str_36
Location:	Newington, CT
Latitude:	41-44-03.88N NAD 83
Longitude:	72-43-17.64W
Heights:	64 feet site elevation (SE) 103 feet above ground level (AGL) 167 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-306-OE.

**Signature Control No: 352903163-353642228**

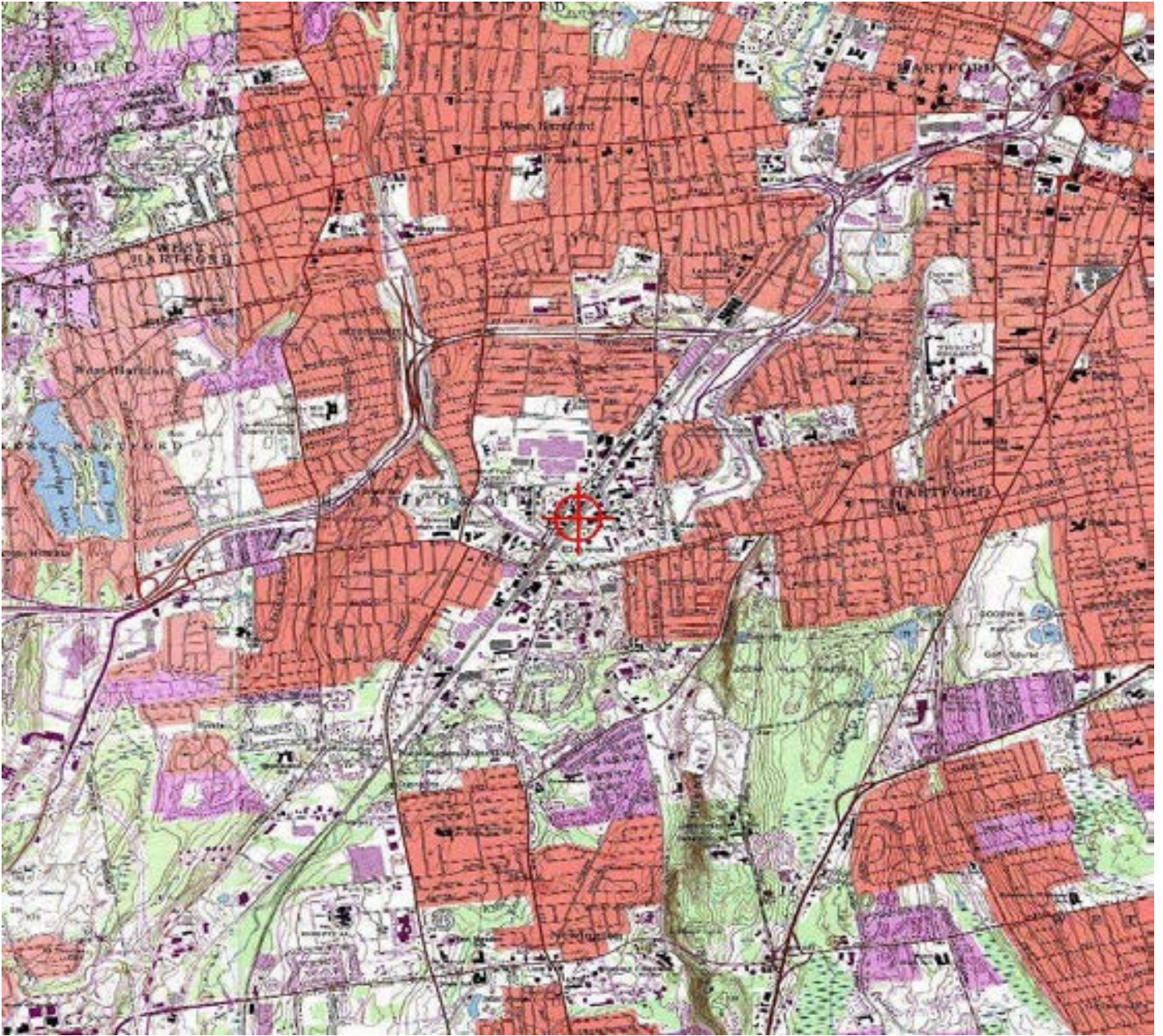
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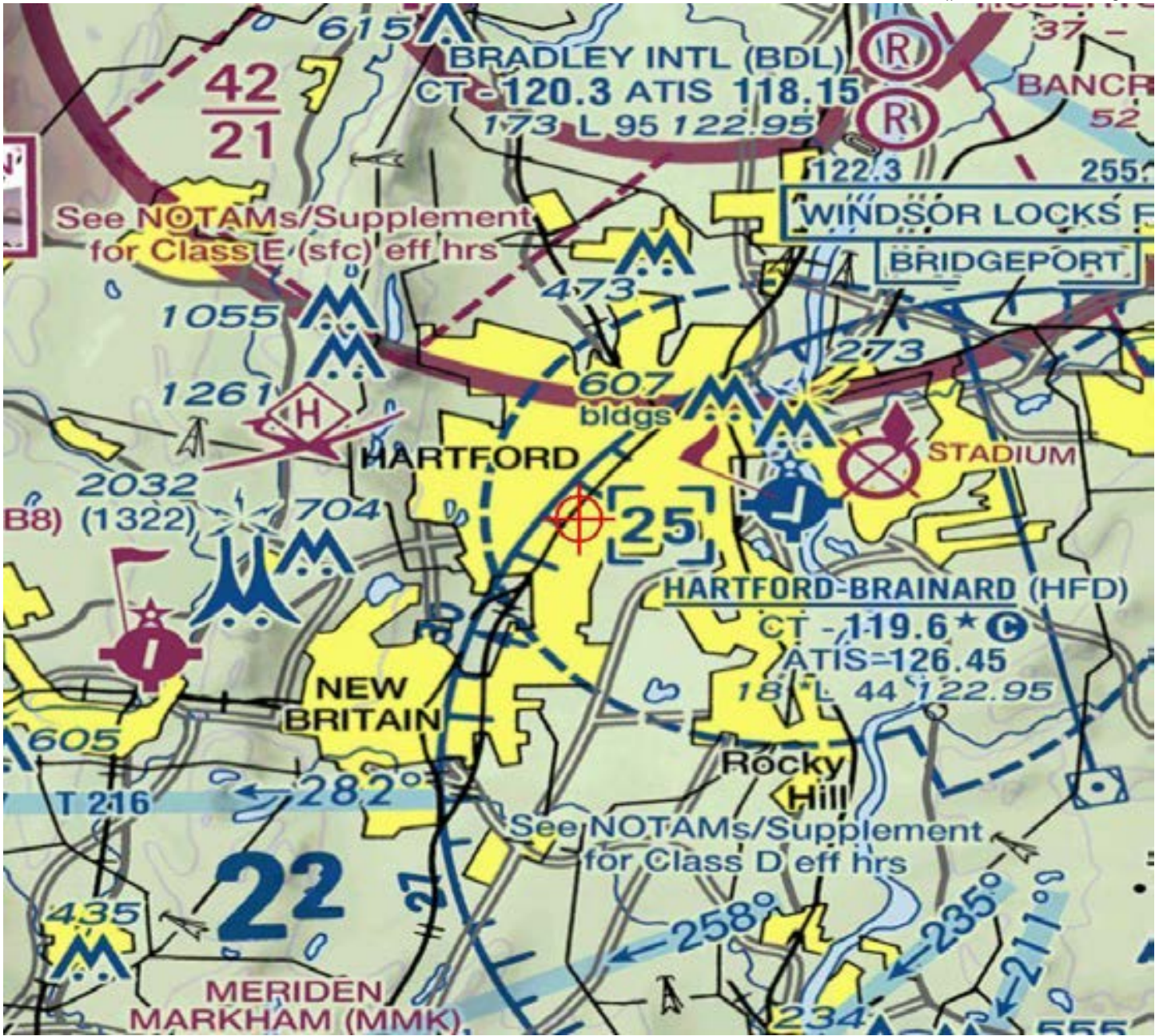
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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**\*\* 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:	Transmission Line Line_1346_Str_37
Location:	Newington, CT
Latitude:	41-44-05.98N NAD 83
Longitude:	72-43-15.88W
Heights:	65 feet site elevation (SE) 103 feet above ground level (AGL) 168 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.
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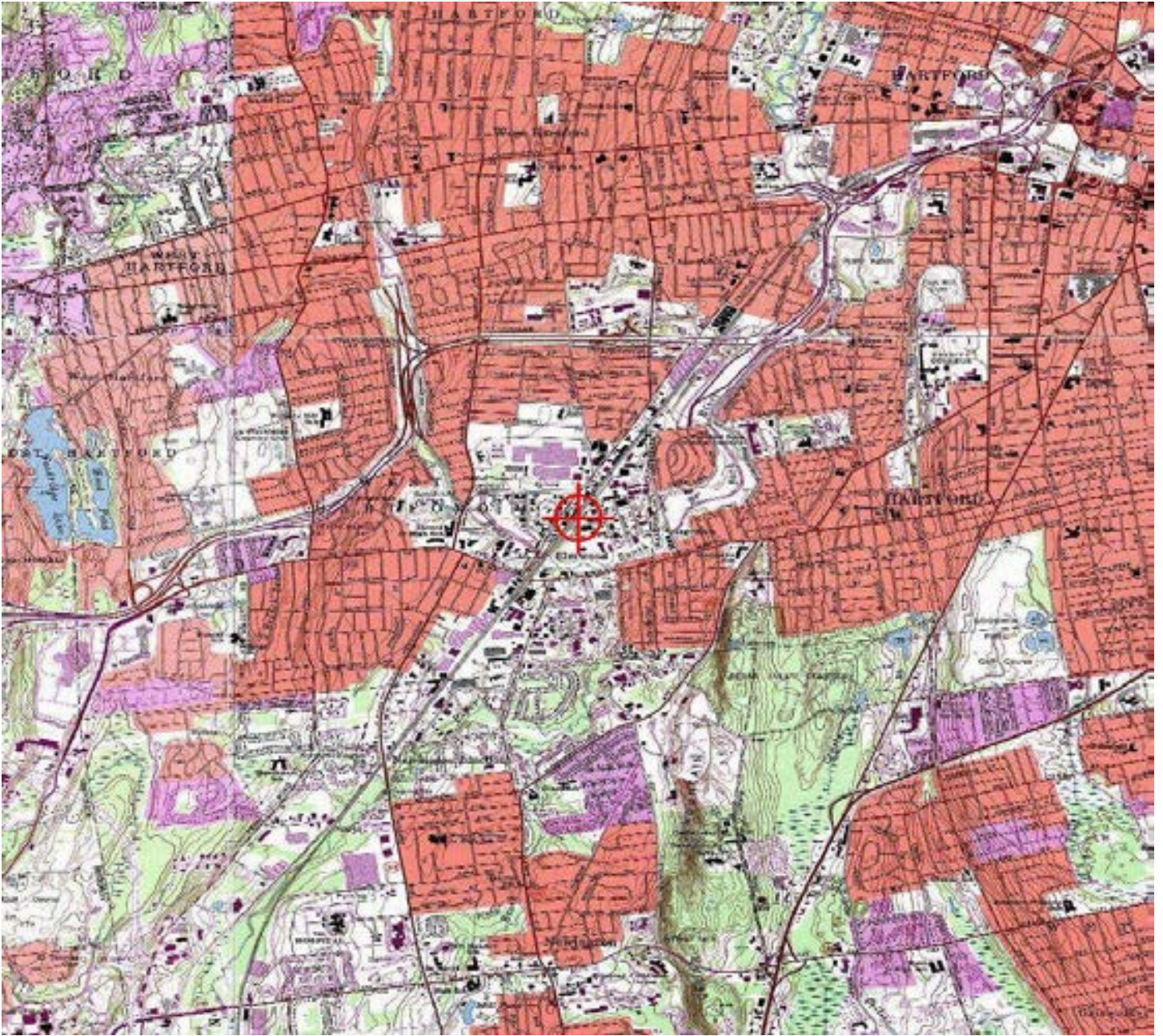
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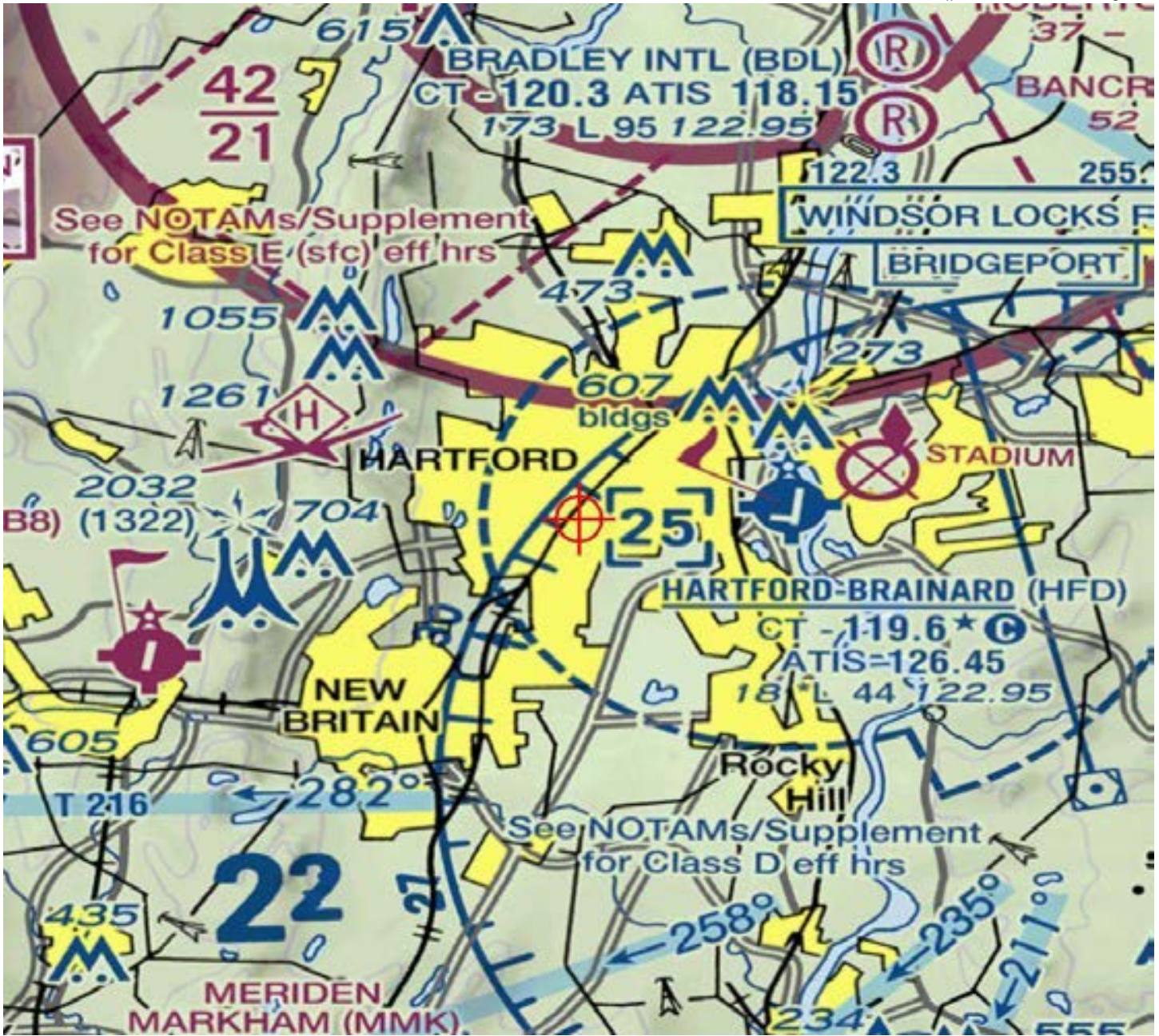
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_38
Location:	Newington, CT
Latitude:	41-44-08.10N NAD 83
Longitude:	72-43-14.20W
Heights:	67 feet site elevation (SE) 103 feet above ground level (AGL) 170 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

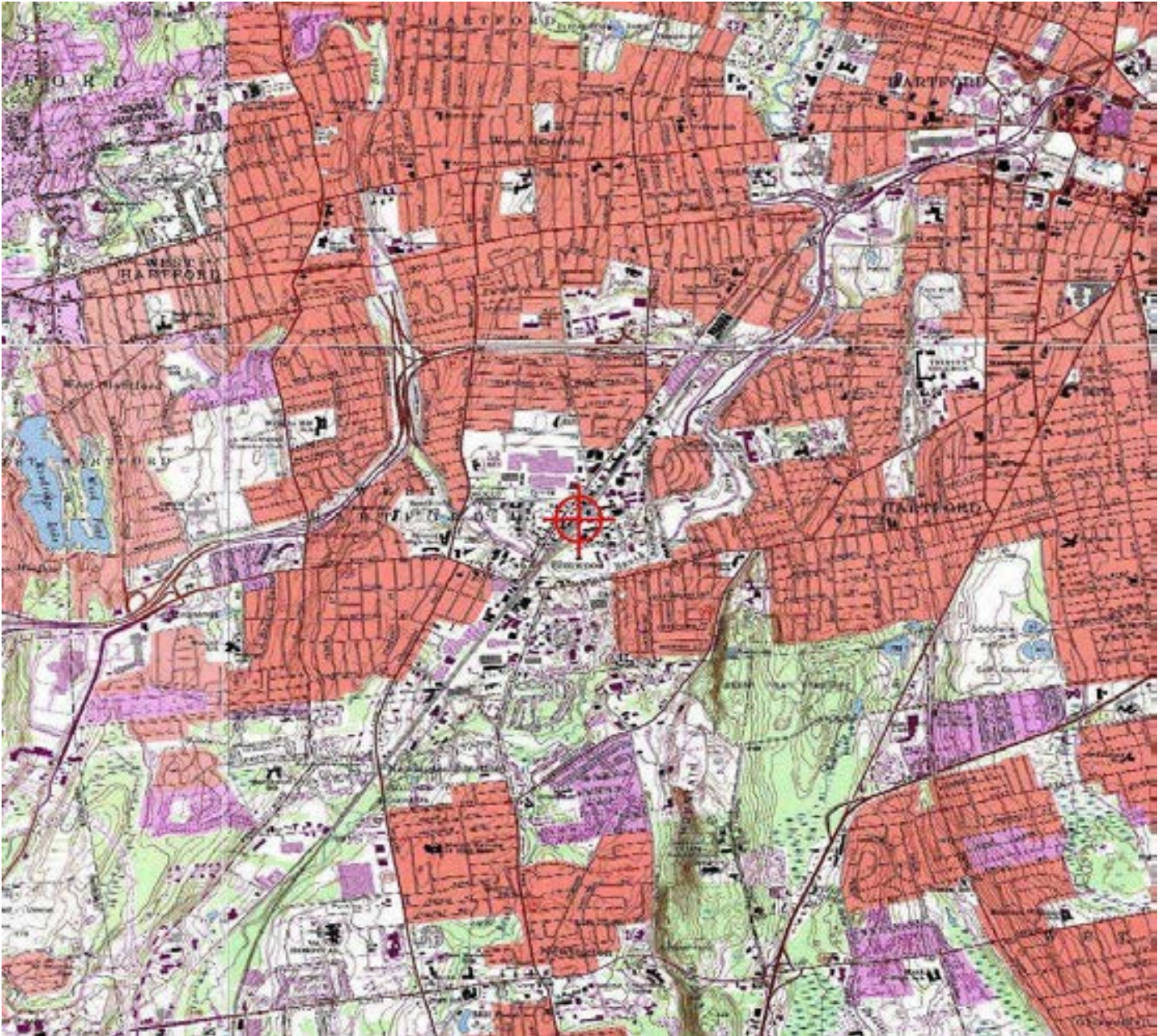
If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-308-OE.

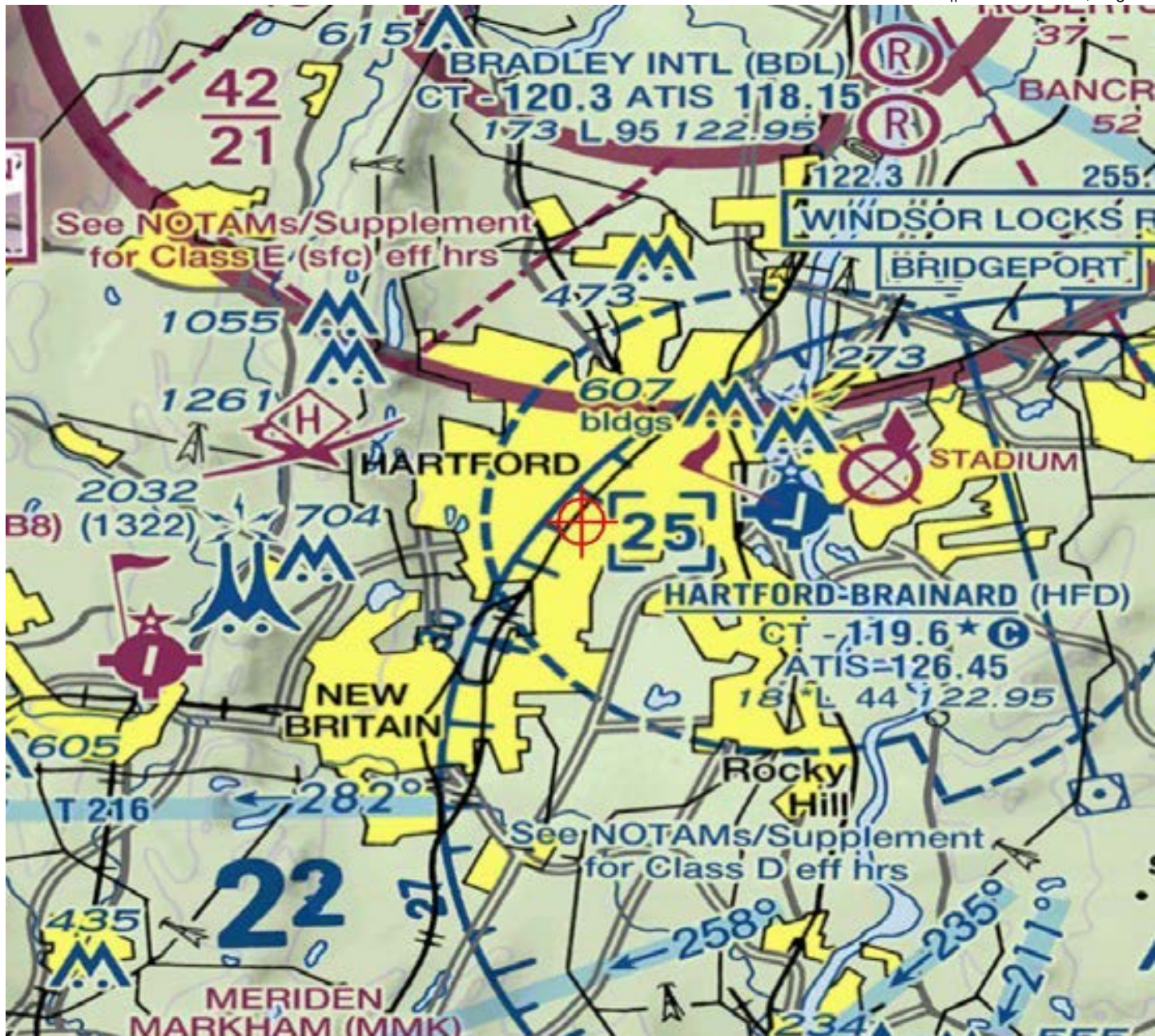
**Signature Control No: 352903165-353642233**  
Darin Clipper  
Specialist

( DNE )

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:           Transmission Line Line\_1346\_Str\_39  
 Location:           Newington, CT  
 Latitude:            41-44-10.23N NAD 83  
 Longitude:          72-43-12.50W  
 Heights:            68 feet site elevation (SE)  
                           113 feet above ground level (AGL)  
                           181 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-309-OE.

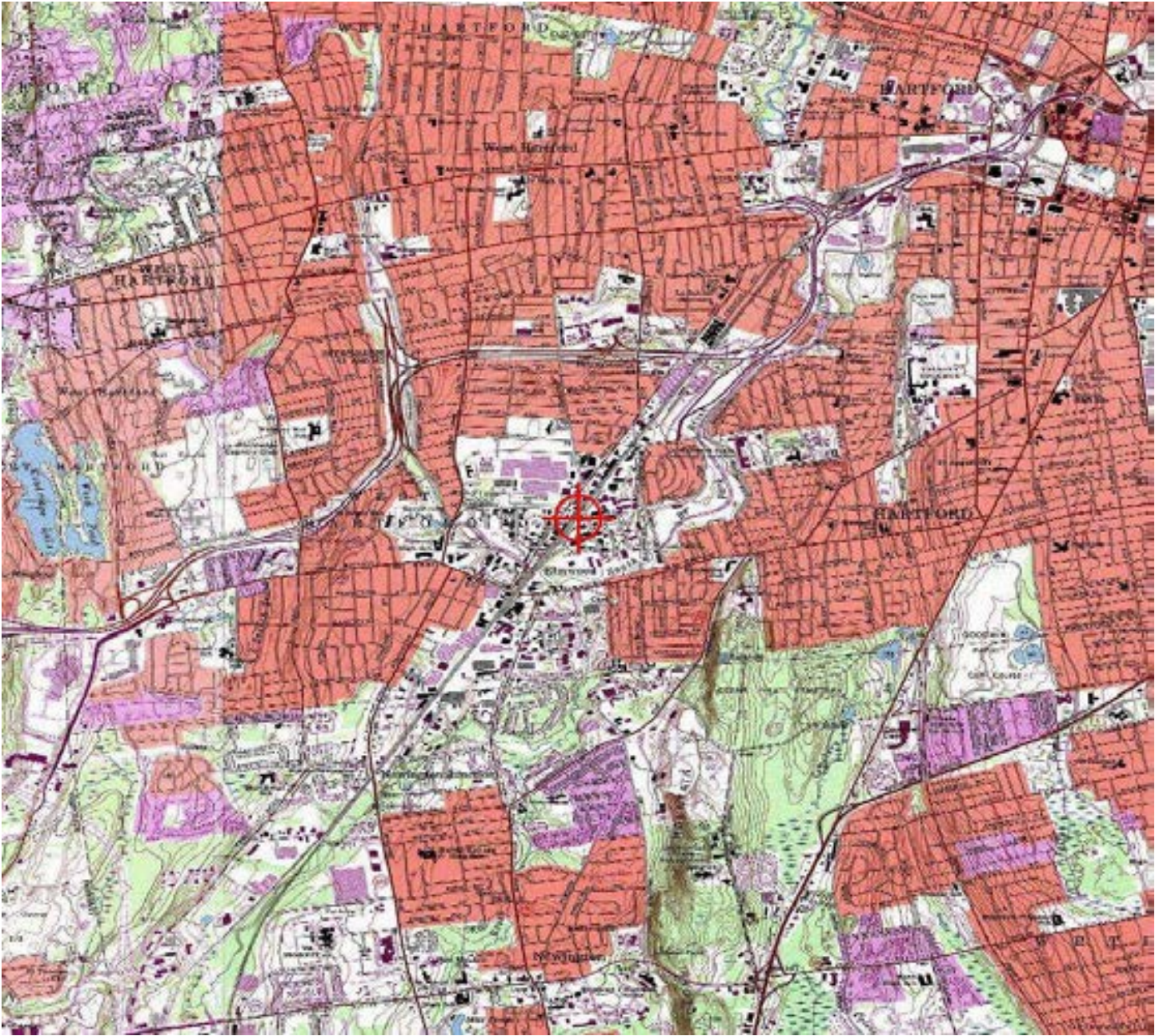
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( DNE )

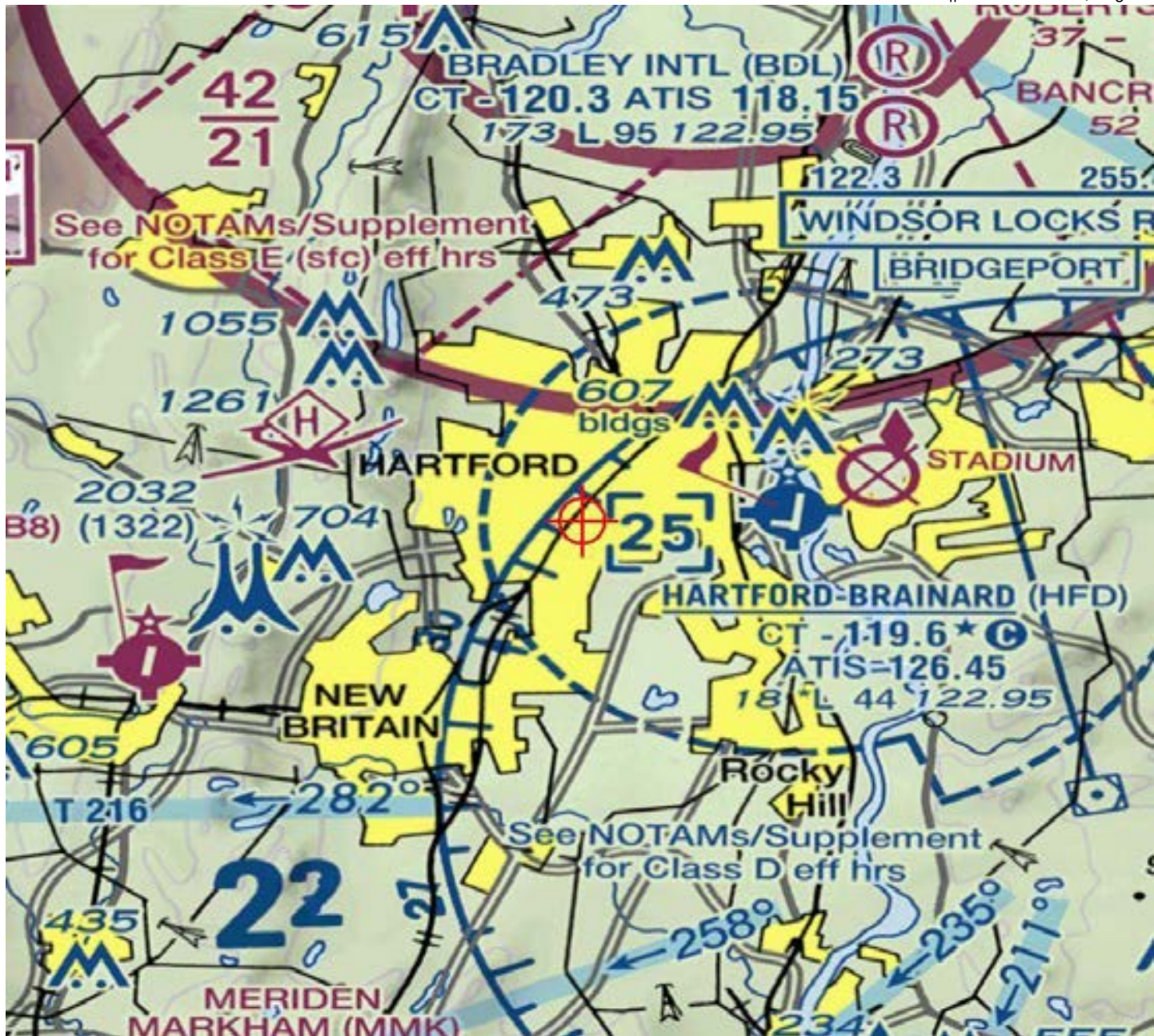
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 Federal Aviation Administration  
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 Fort Worth, TX 76177

Issued Date: 01/23/2018

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 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_40
Location:	Newington, CT
Latitude:	41-44-12.01N NAD 83
Longitude:	72-43-11.09W
Heights:	70 feet site elevation (SE) 113 feet above ground level (AGL) 183 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.
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- (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.

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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-310-OE.

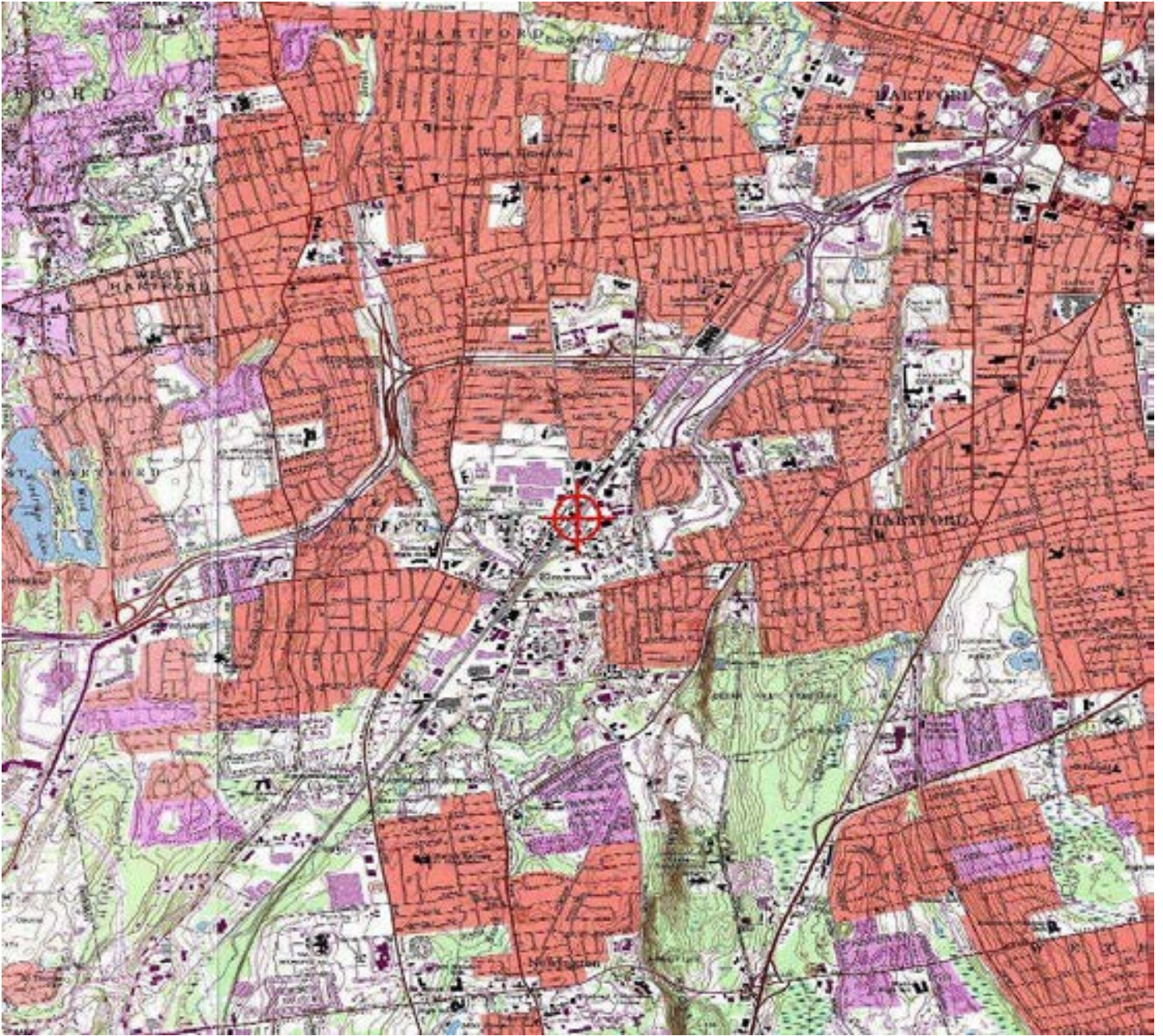
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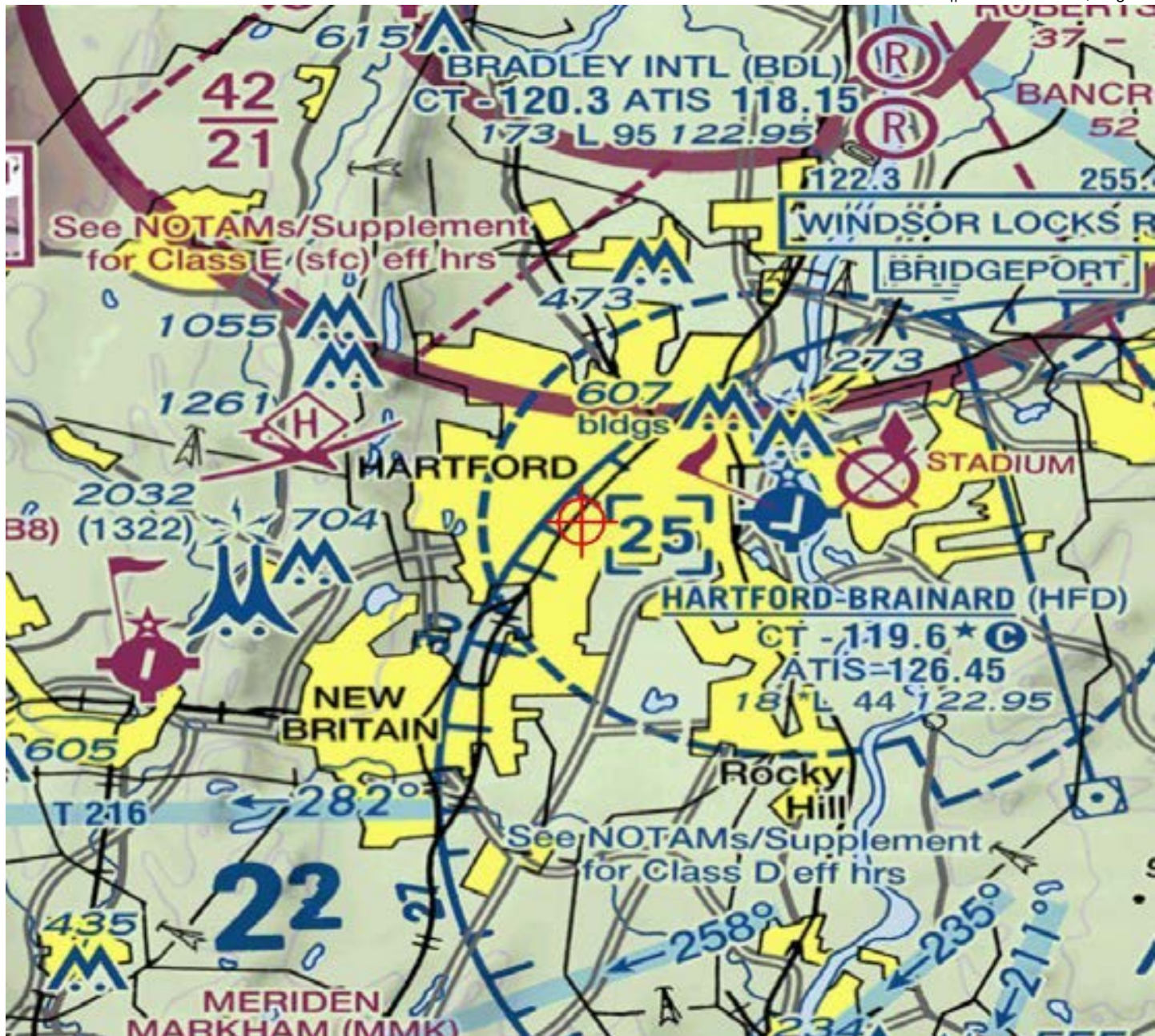
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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Issued Date: 01/23/2018

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**\*\* 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:	Transmission Line Line_1346_Str_41
Location:	Newington, CT
Latitude:	41-44-14.09N NAD 83
Longitude:	72-43-09.32W
Heights:	69 feet site elevation (SE) 103 feet above ground level (AGL) 172 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-311-OE.

**Signature Control No: 352903168-353642239**

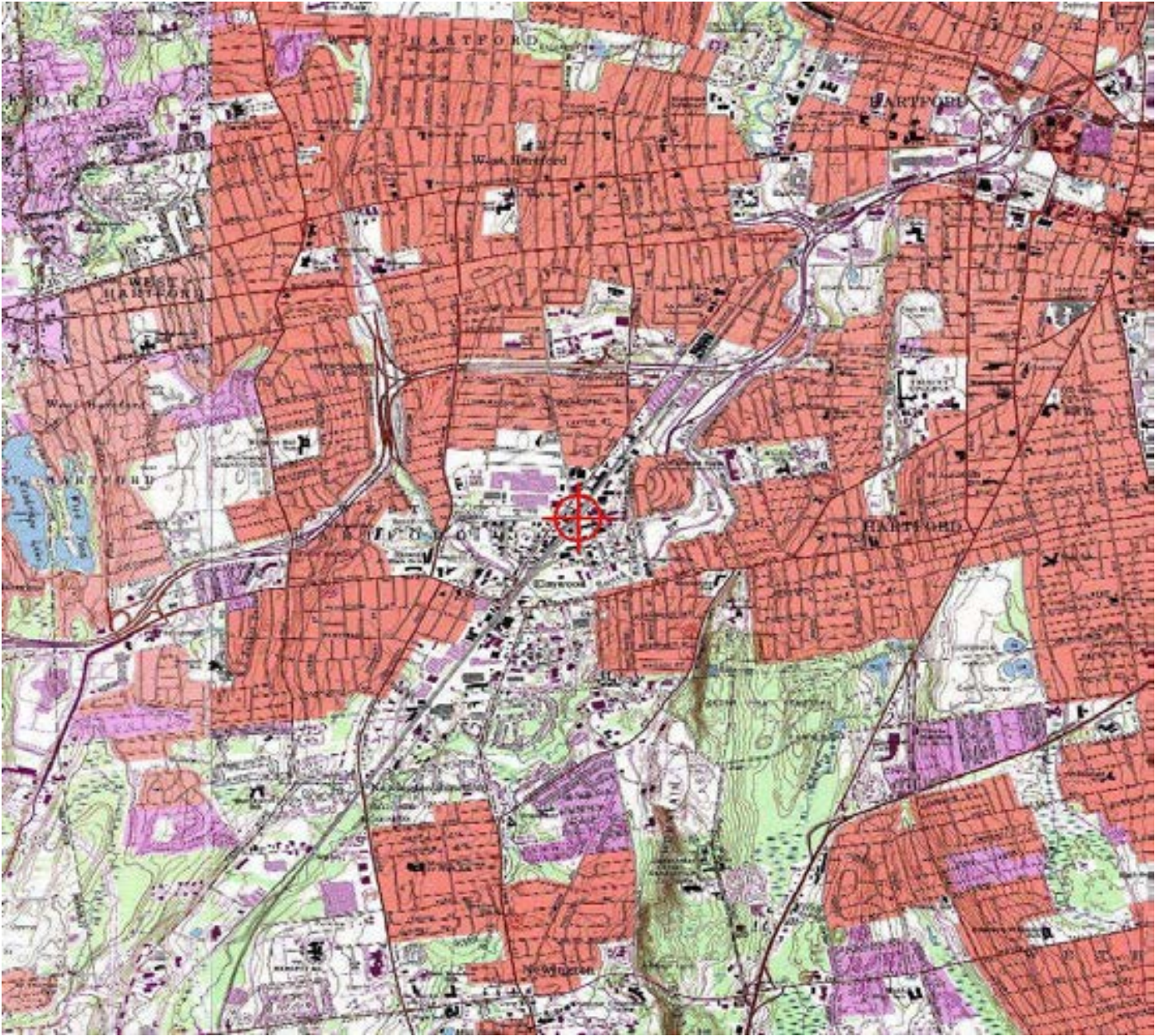
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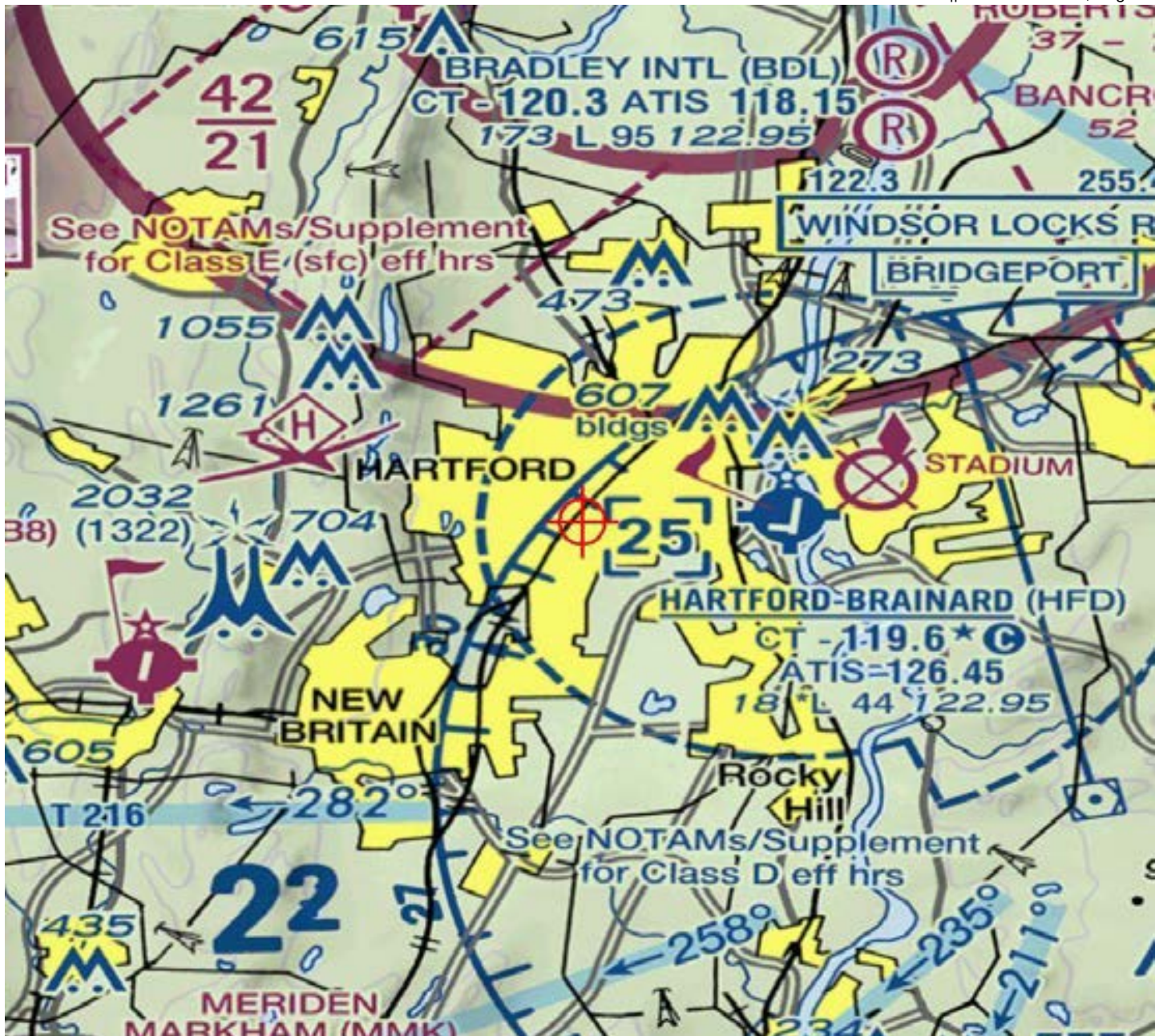
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)



EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

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 56 Prospect St  
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**\*\* 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:	Transmission Line Line_1346_Str_42
Location:	Newington, CT
Latitude:	41-44-16.55N NAD 83
Longitude:	72-43-07.35W
Heights:	70 feet site elevation (SE) 98 feet above ground level (AGL) 168 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 unless:

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-312-OE.

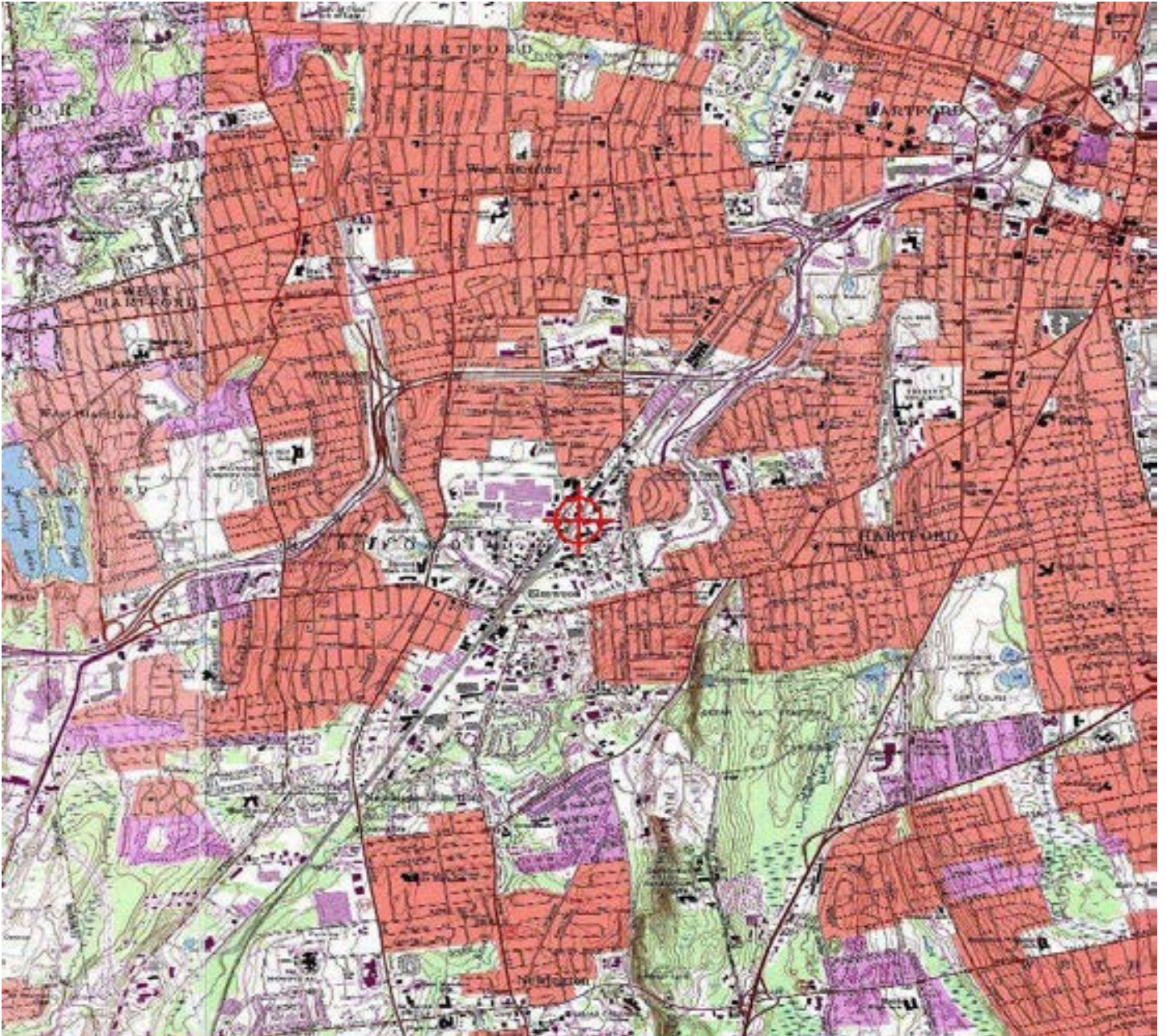
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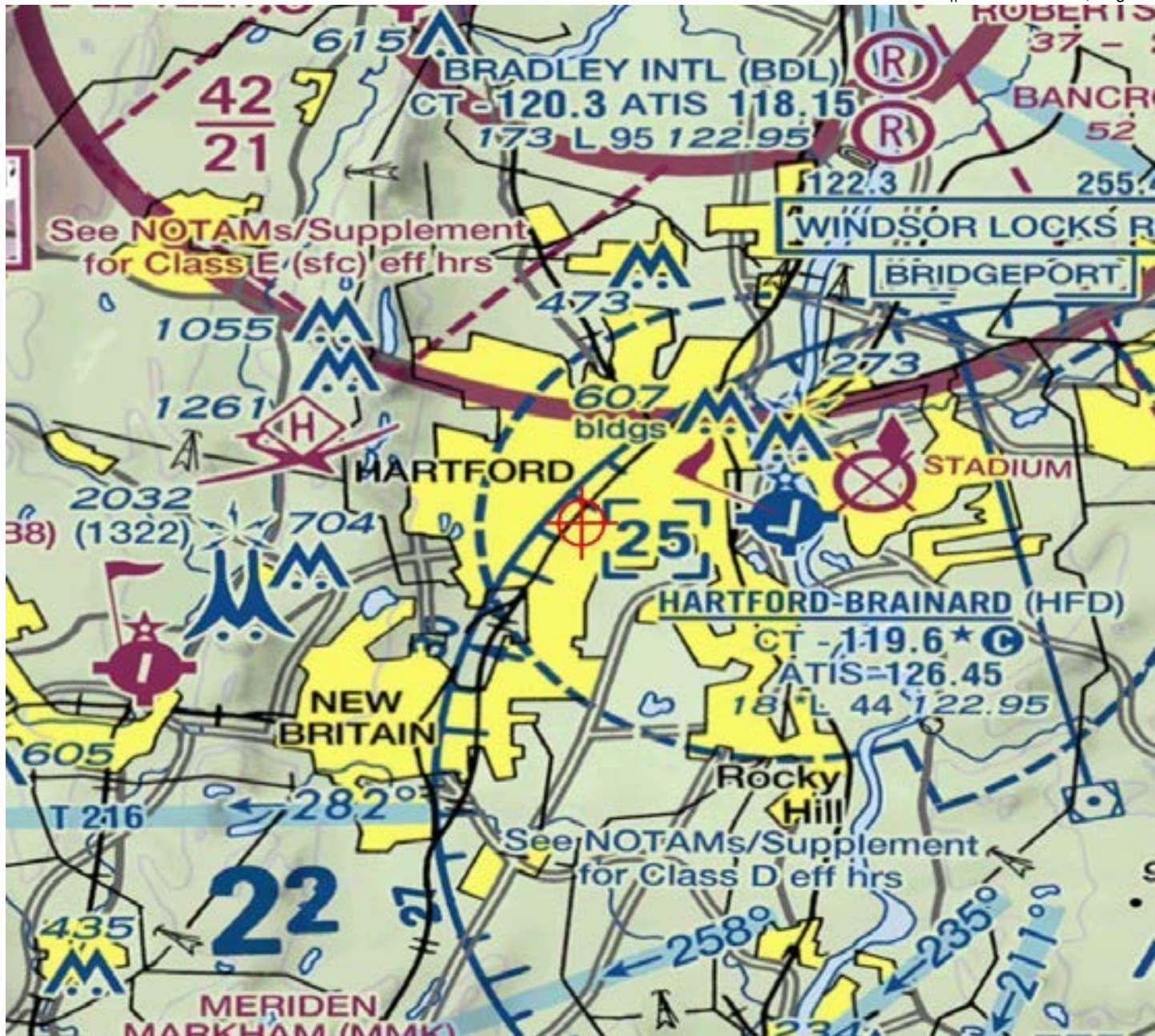
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
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Map(s)

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Issued Date: 01/23/2018

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**\*\* 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:	Transmission Line Line_1346_Str_43
Location:	Newington, CT
Latitude:	41-44-18.99N NAD 83
Longitude:	72-43-05.40W
Heights:	70 feet site elevation (SE) 98 feet above ground level (AGL) 168 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

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- (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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

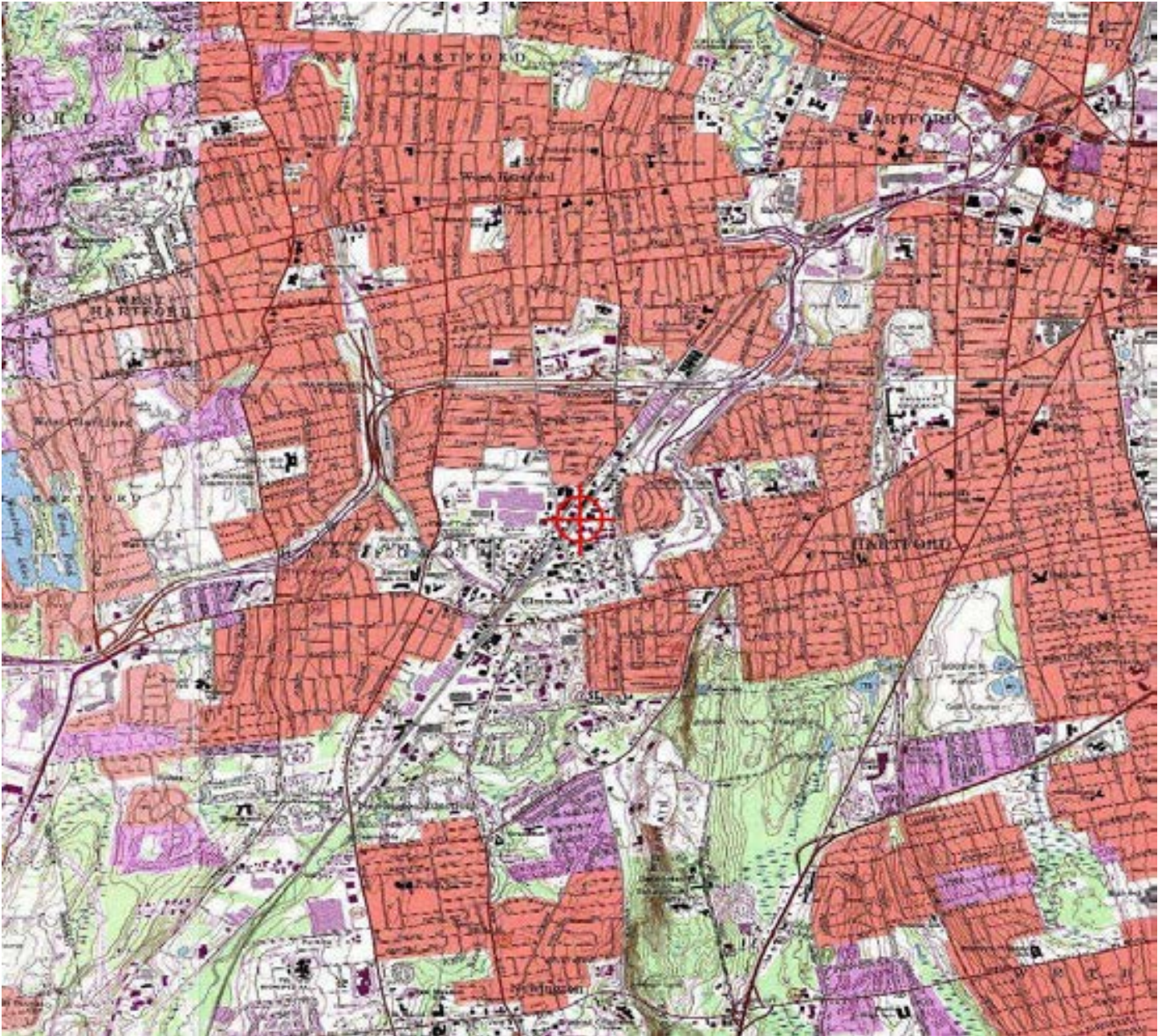
If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-313-OE.

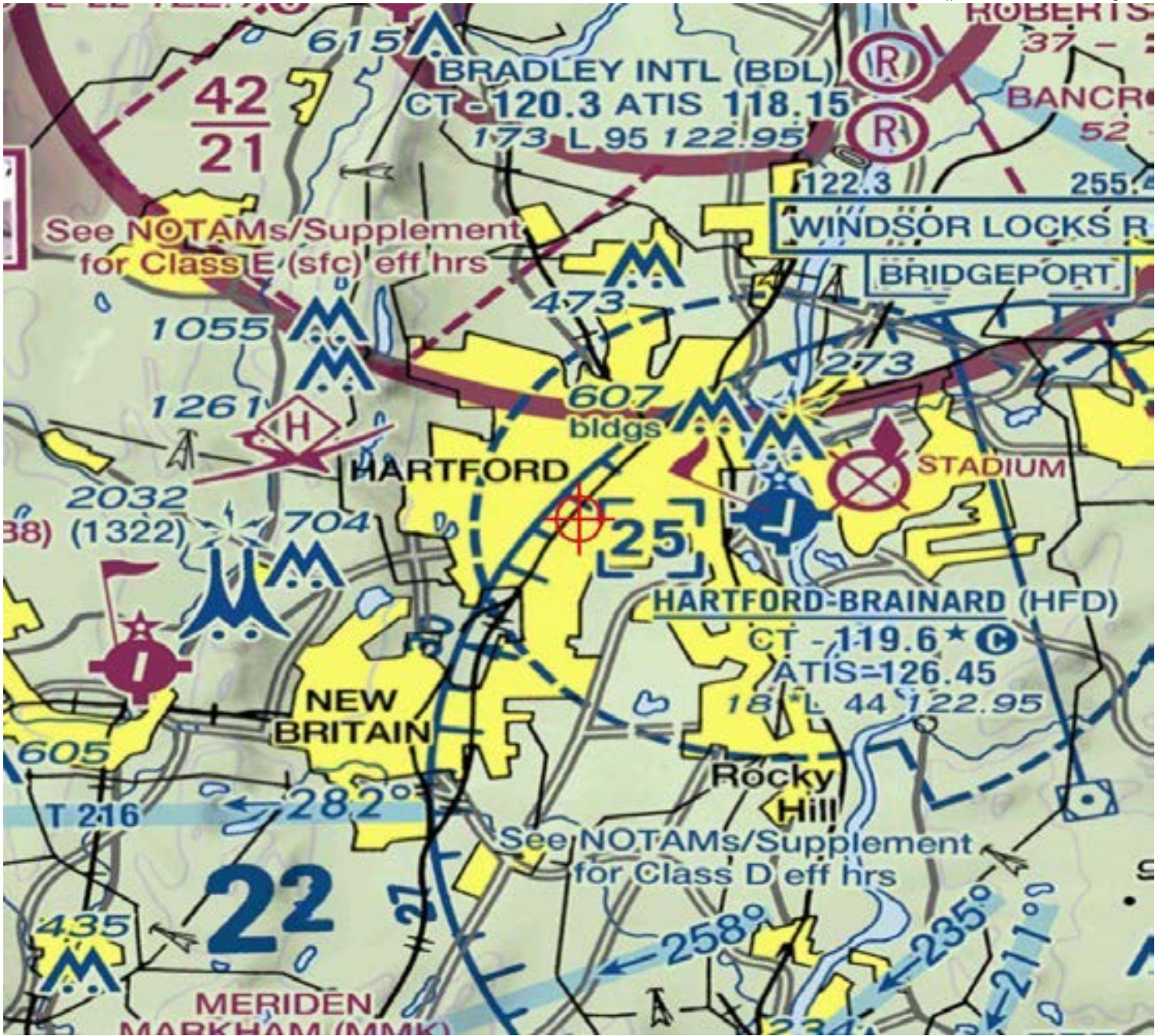
**Signature Control No: 352903171-353642247**  
Darin Clipper  
Specialist

( DNE )

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_44
Location:	Newington, CT
Latitude:	41-44-20.42N NAD 83
Longitude:	72-43-04.27W
Heights:	70 feet site elevation (SE) 98 feet above ground level (AGL) 168 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-314-OE.

**Signature Control No: 352903172-353642249**

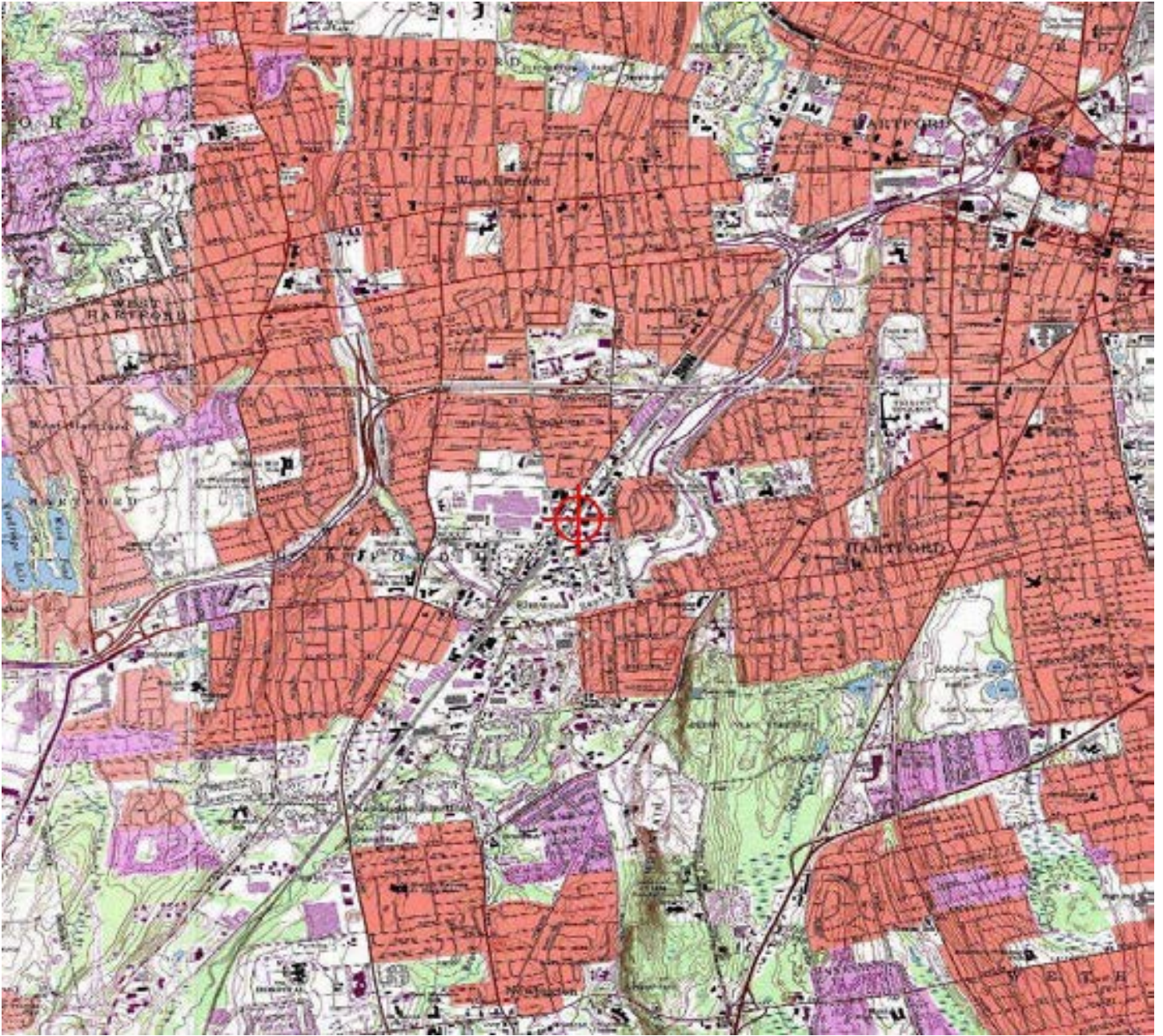
( DNE )

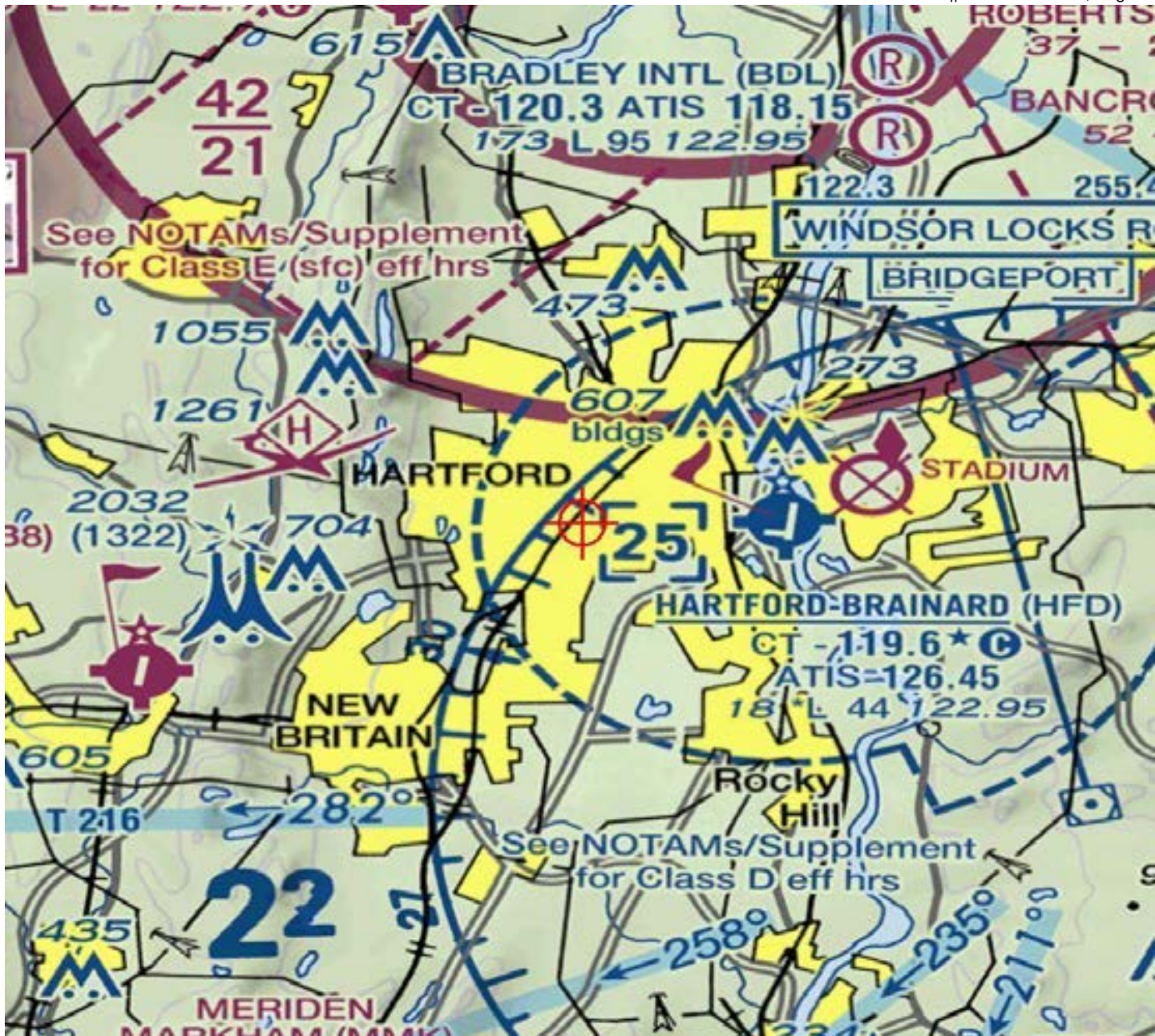
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_45
Location:	Newington, CT
Latitude:	41-44-22.54N NAD 83
Longitude:	72-43-02.59W
Heights:	70 feet site elevation (SE) 98 feet above ground level (AGL) 168 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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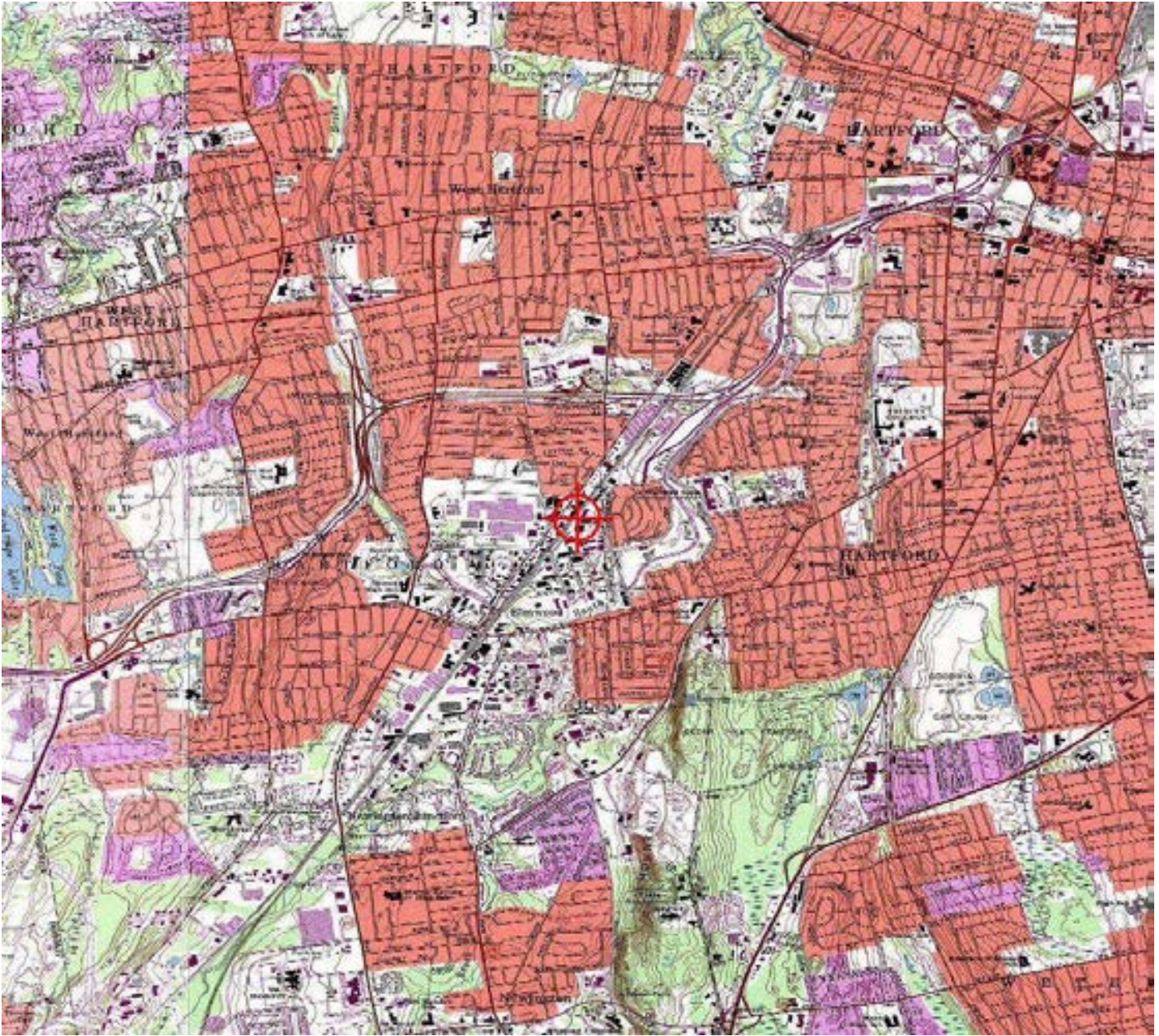
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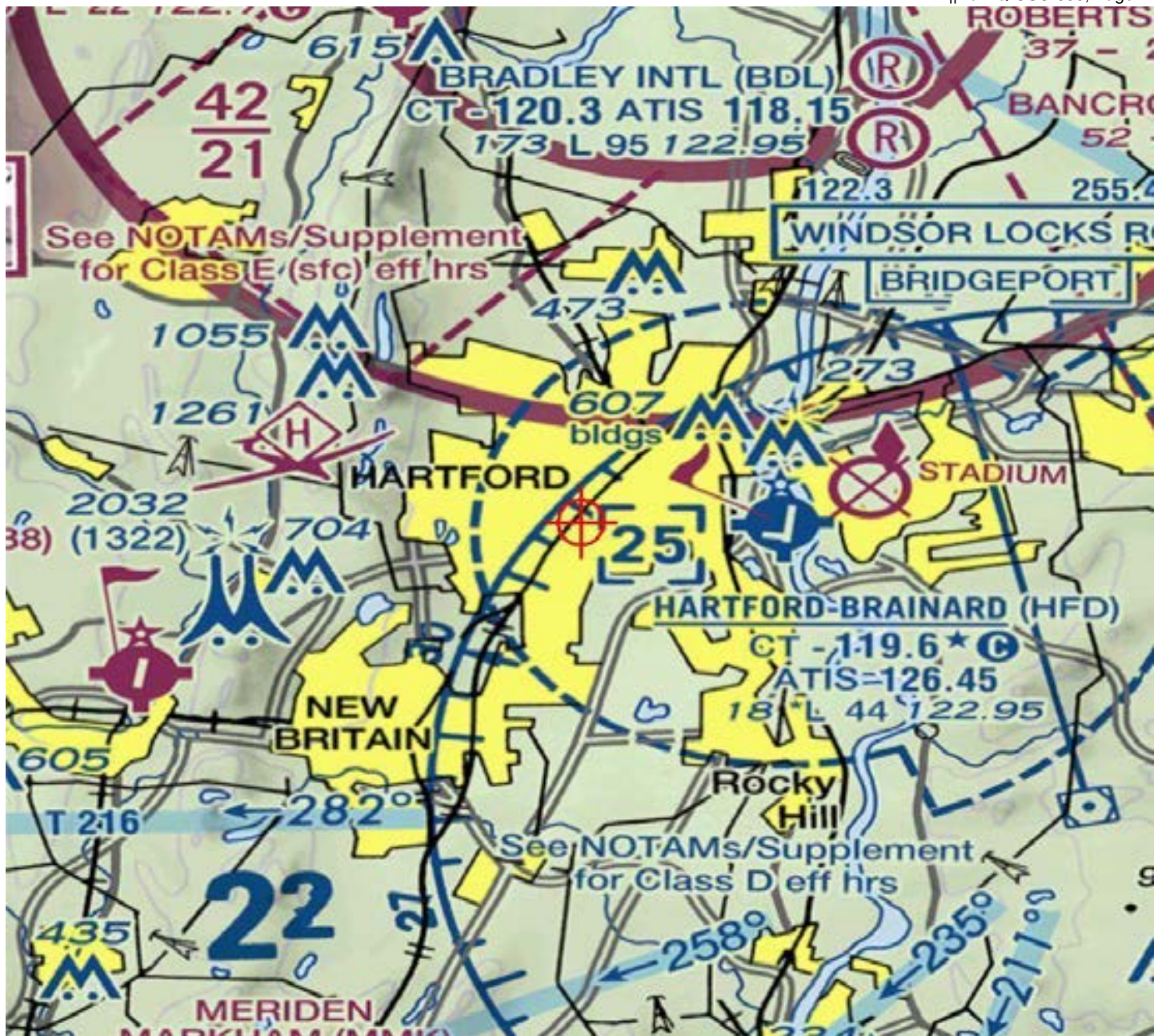
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_46
Location:	Newington, CT
Latitude:	41-44-24.70N NAD 83
Longitude:	72-43-00.95W
Heights:	69 feet site elevation (SE) 101 feet above ground level (AGL) 170 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.



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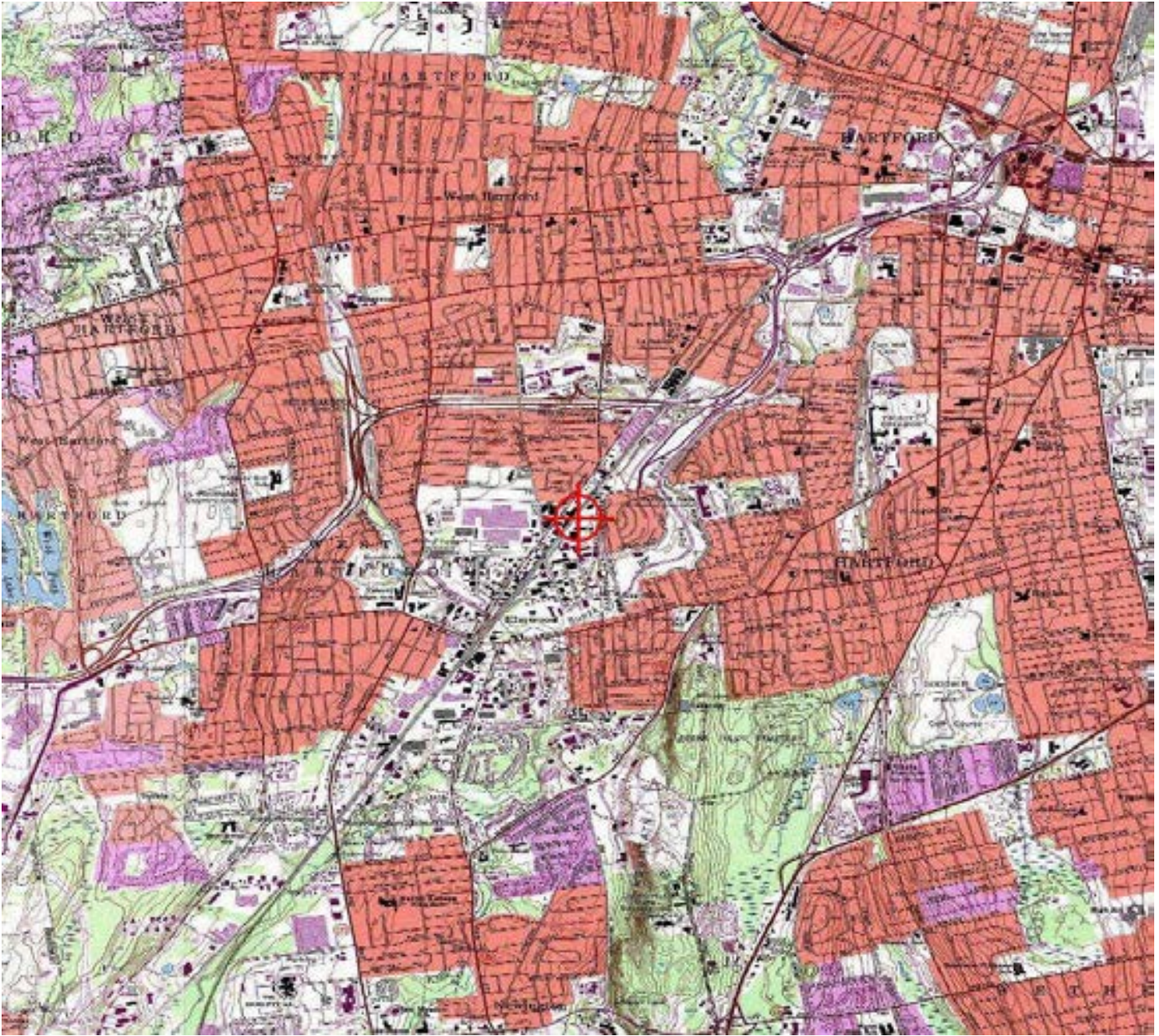
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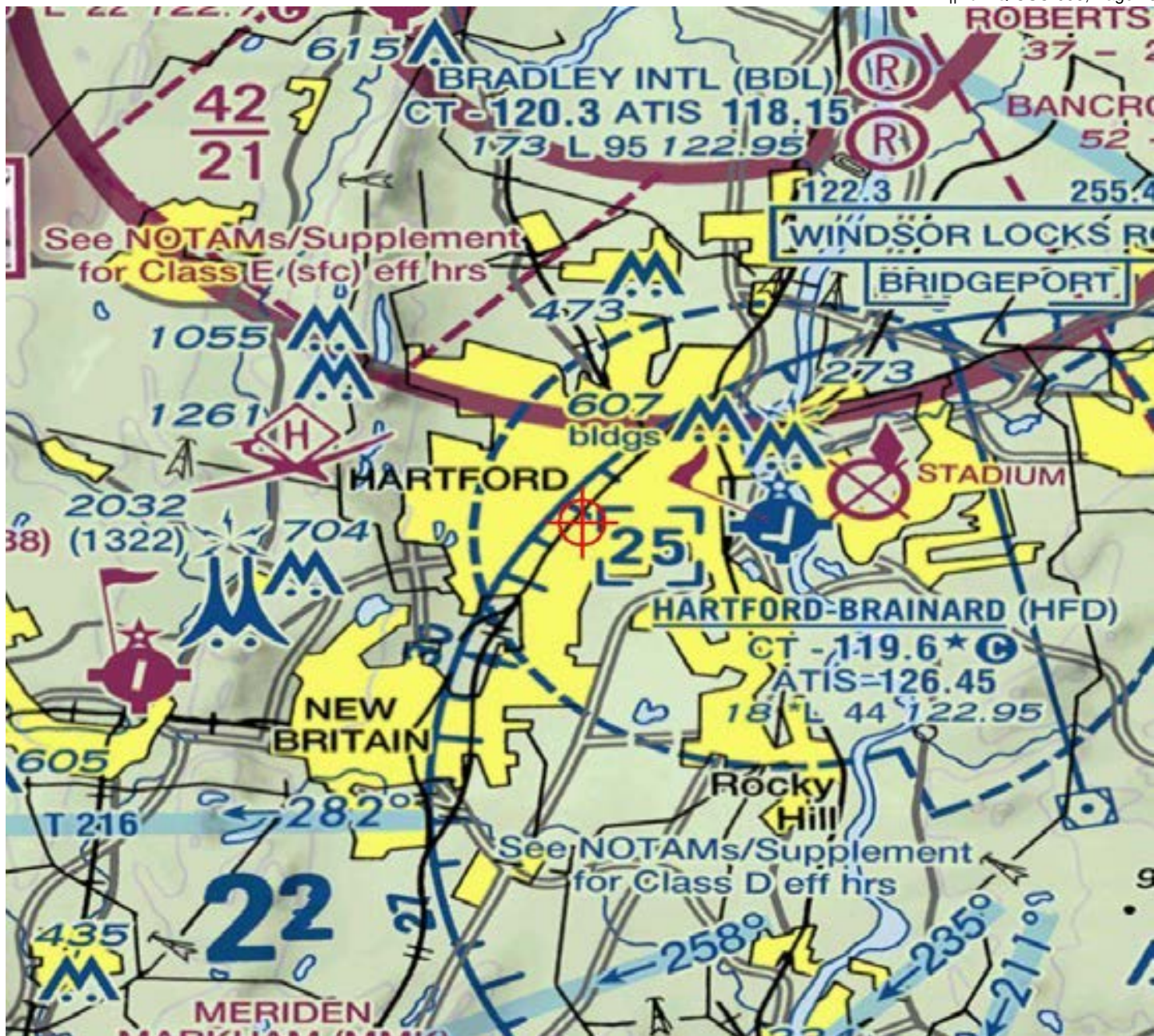
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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Issued Date: 01/23/2018

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 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_47
Location:	Newington, CT
Latitude:	41-44-26.63N NAD 83
Longitude:	72-42-59.44W
Heights:	68 feet site elevation (SE) 136 feet above ground level (AGL) 204 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 unless:

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-317-OE.

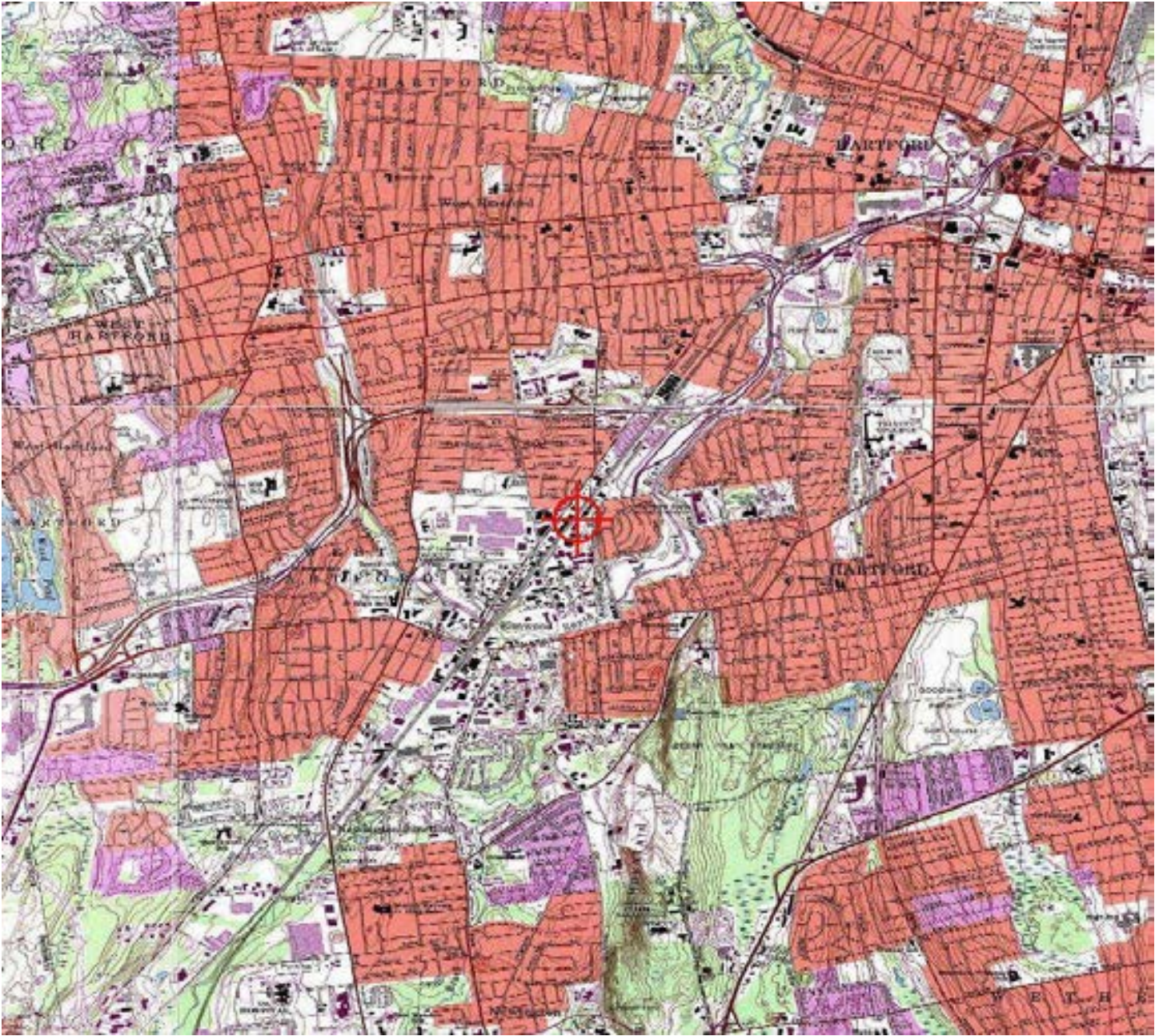
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( DNE )

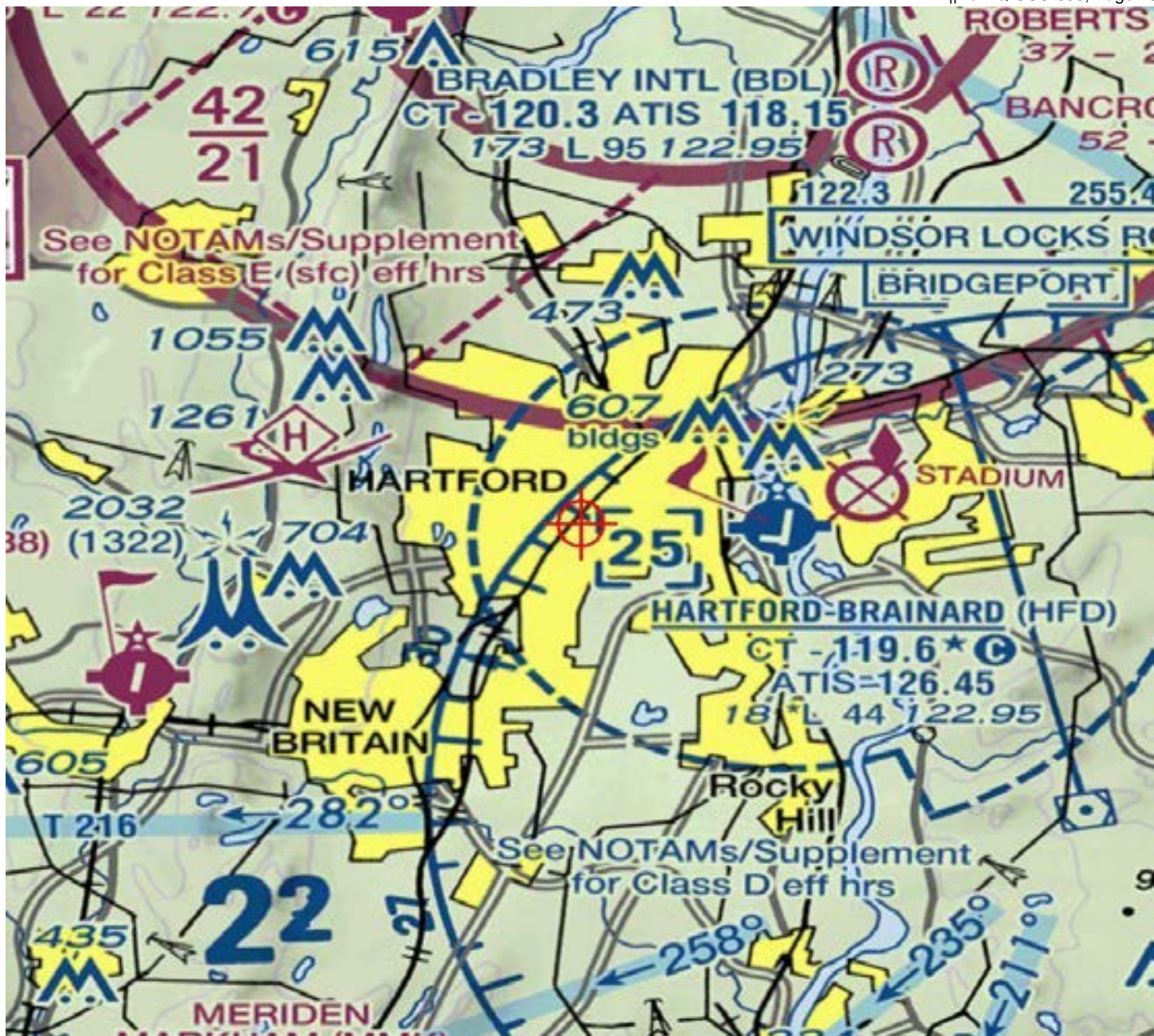
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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**\*\* 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:	Transmission Line Line_1346_Str_48
Location:	Newington, CT
Latitude:	41-44-30.72N NAD 83
Longitude:	72-42-56.30W
Heights:	69 feet site elevation (SE) 136 feet above ground level (AGL) 205 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:

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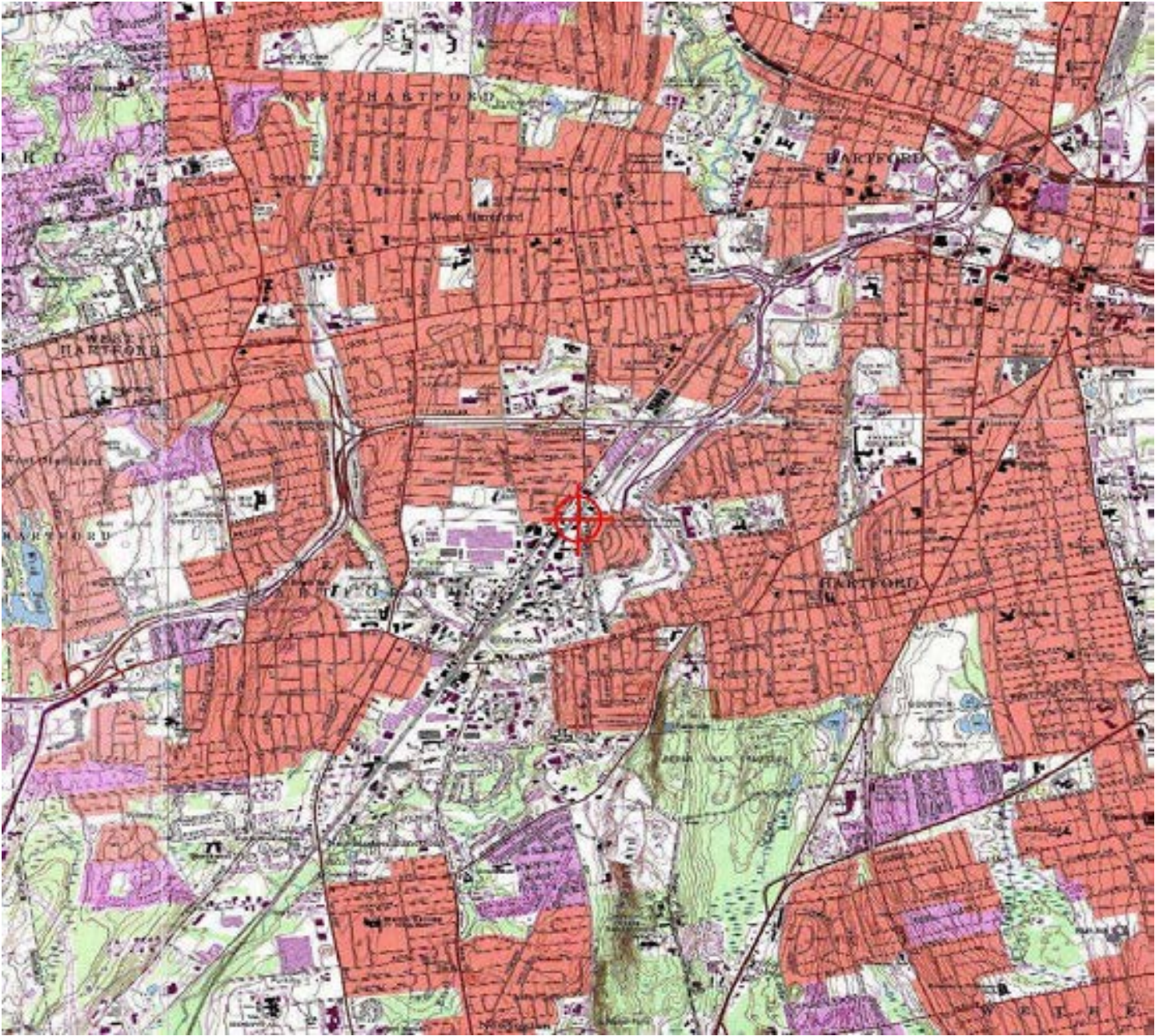
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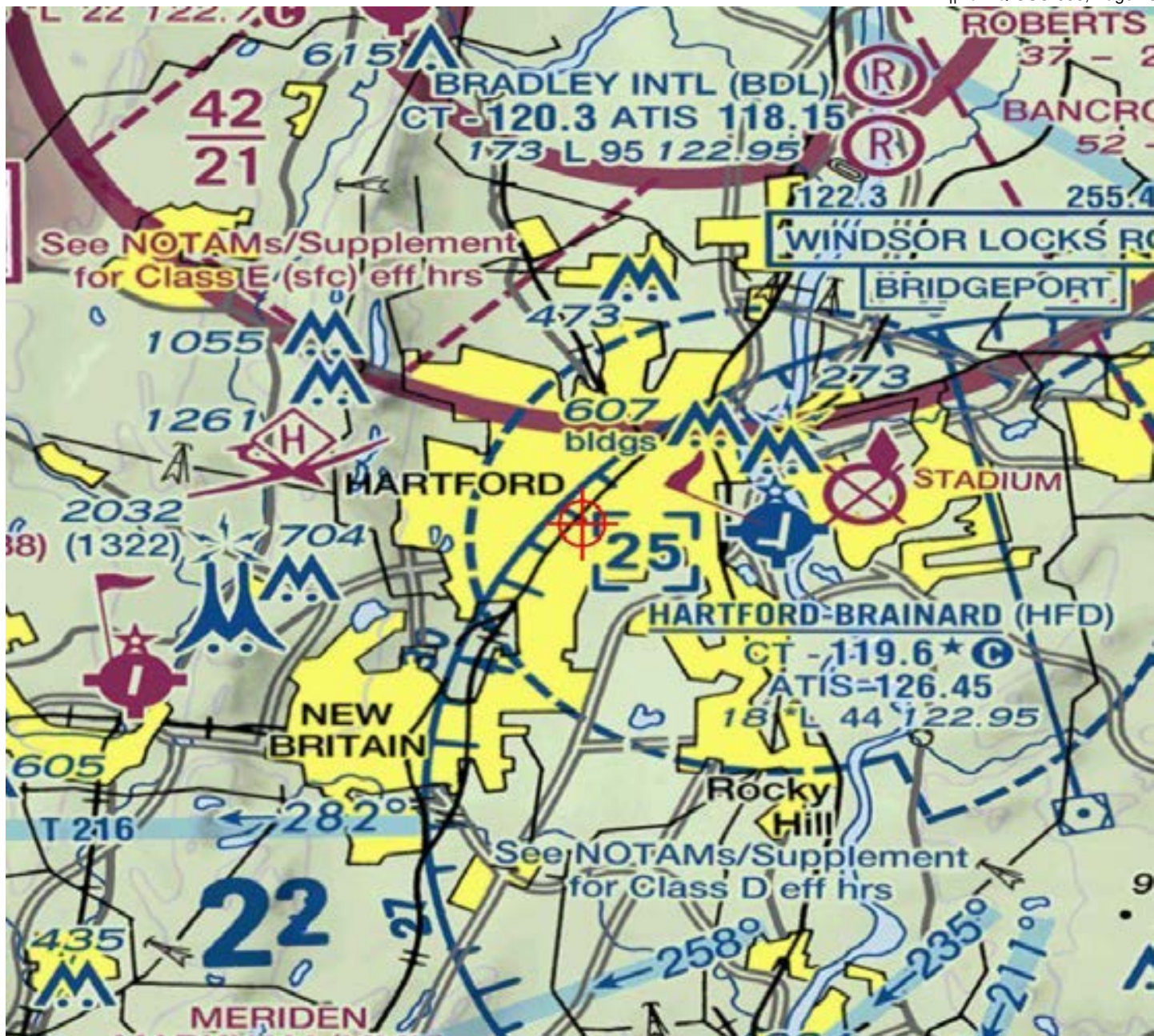
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_49
Location:	Newington, CT
Latitude:	41-44-32.08N NAD 83
Longitude:	72-42-55.23W
Heights:	69 feet site elevation (SE) 136 feet above ground level (AGL) 205 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-319-OE.

**Signature Control No: 352903181-353642273**

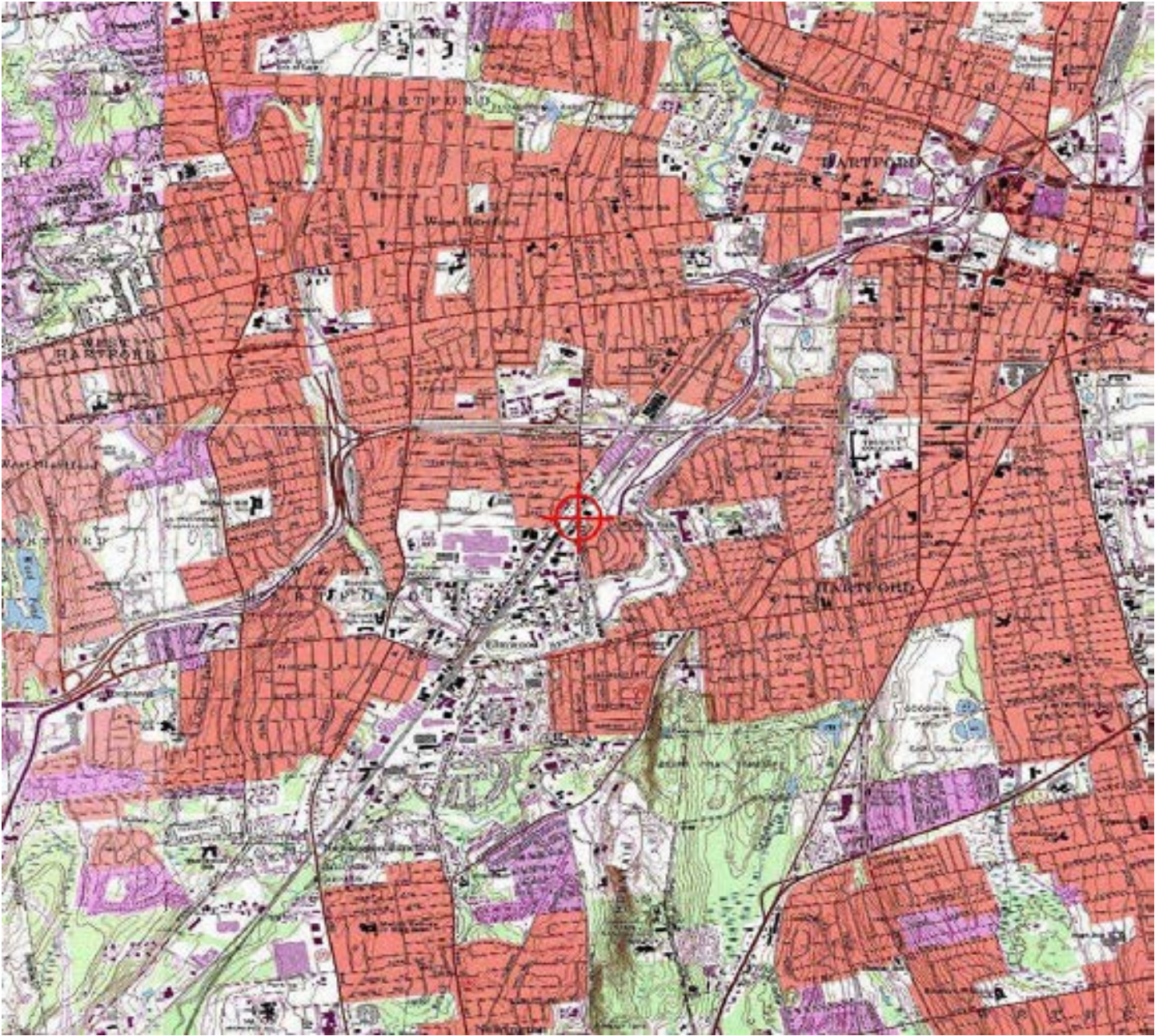
( DNE )

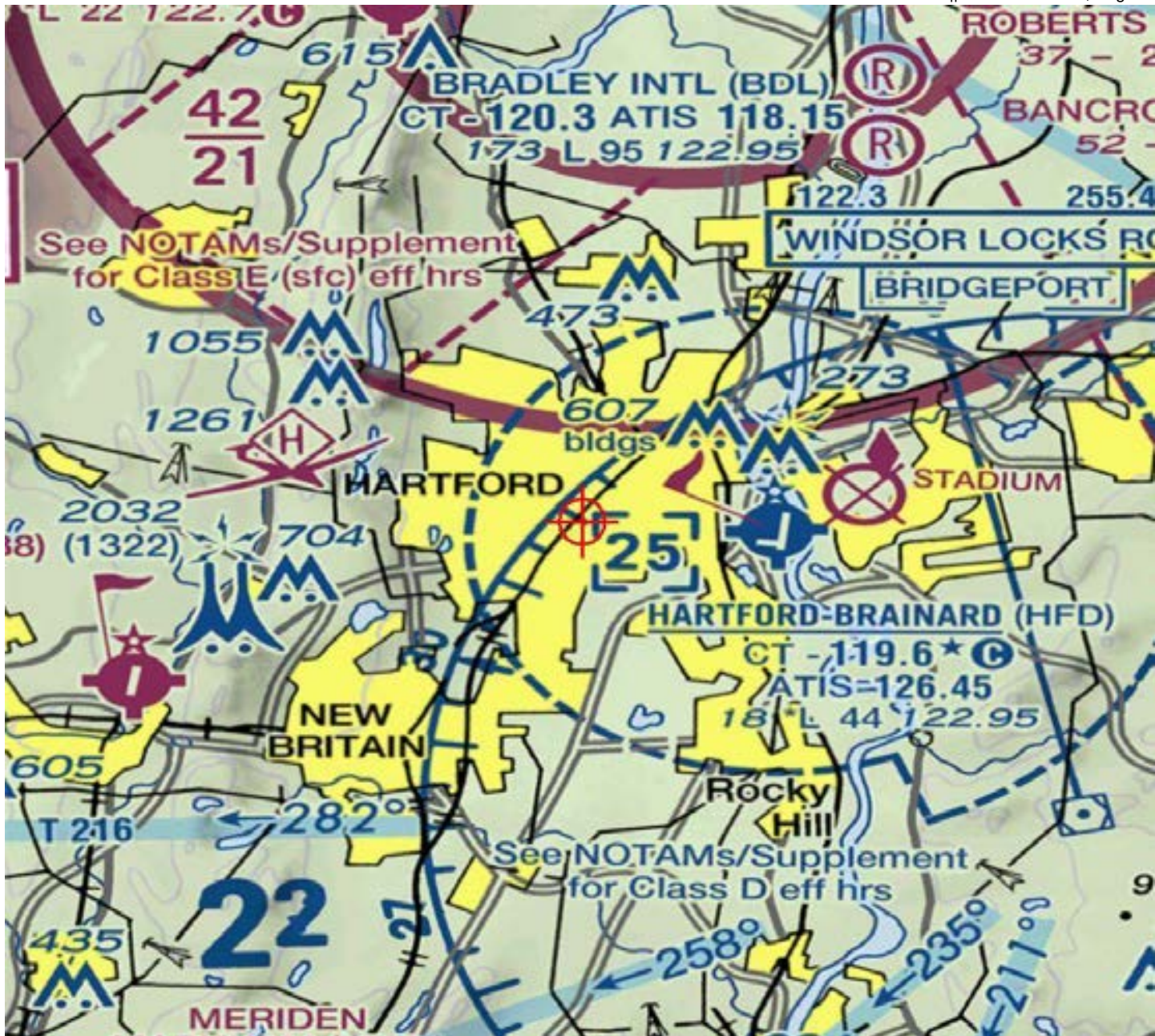
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)



EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_50
Location:	Newington, CT
Latitude:	41-44-34.00N NAD 83
Longitude:	72-42-53.71W
Heights:	69 feet site elevation (SE) 101 feet above ground level (AGL) 170 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-320-OE.

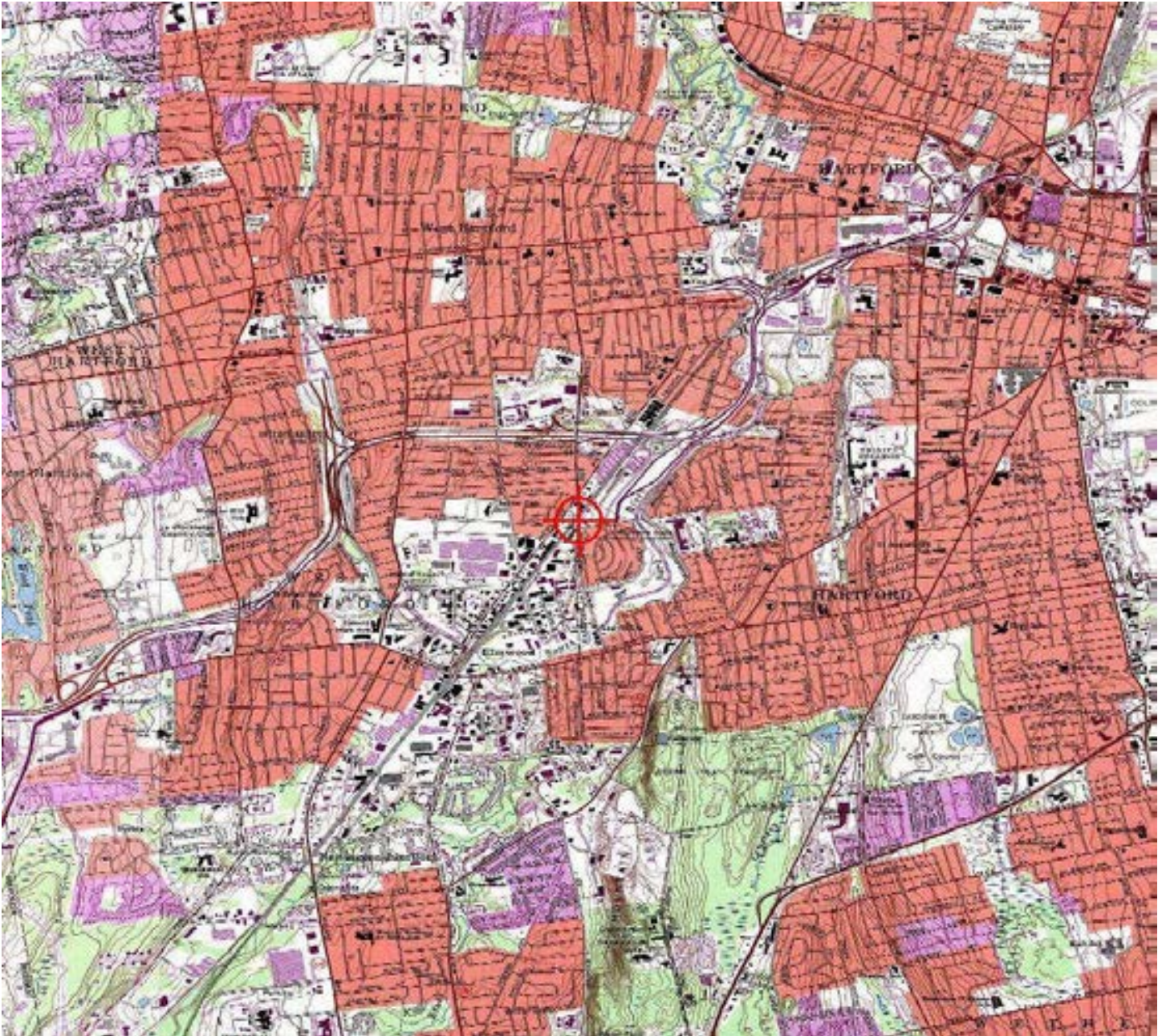
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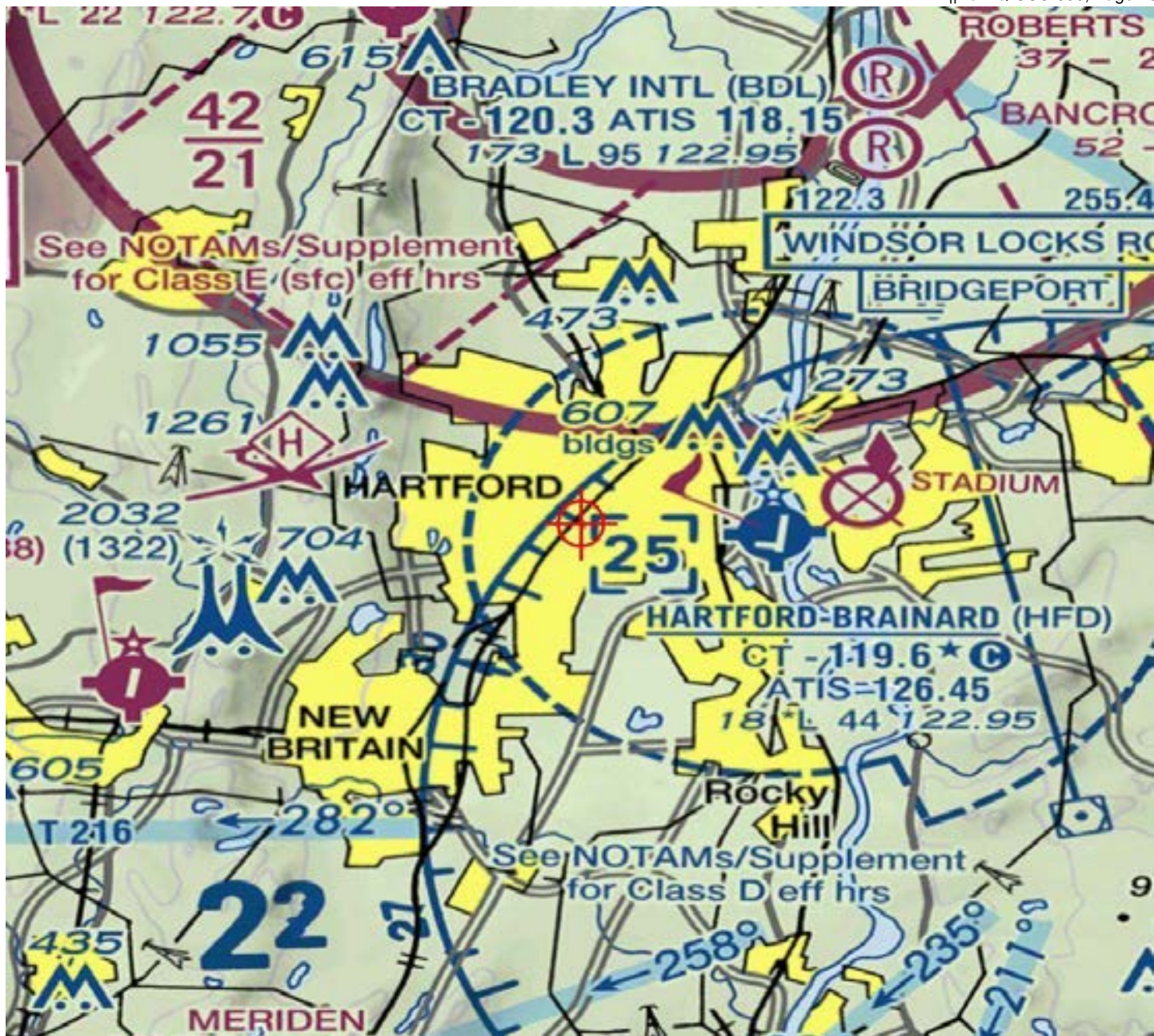
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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**\*\* 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:	Transmission Line Line_1346_Str_51
Location:	Newington, CT
Latitude:	41-44-36.12N NAD 83
Longitude:	72-42-52.03W
Heights:	68 feet site elevation (SE) 98 feet above ground level (AGL) 166 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-321-OE.

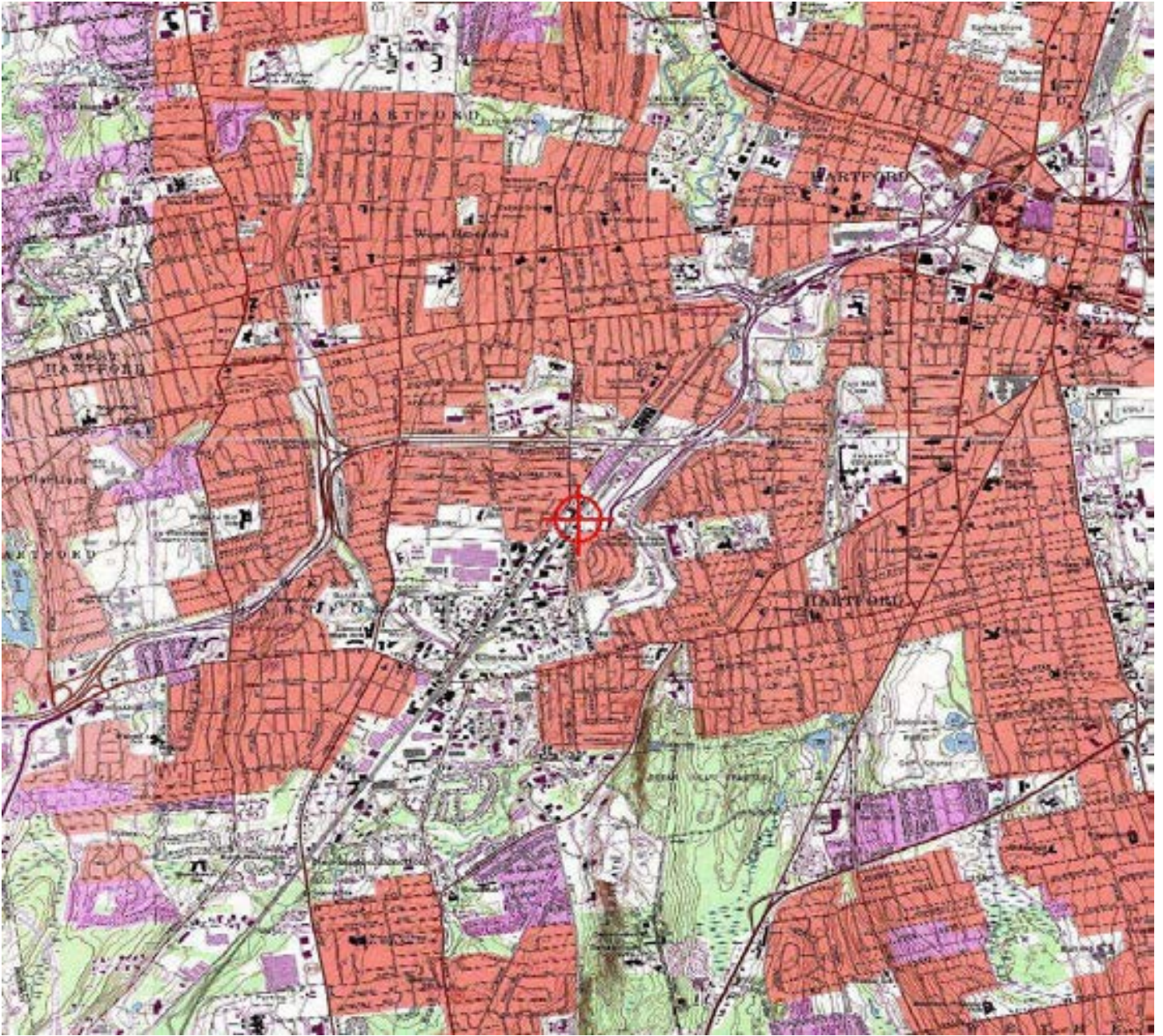
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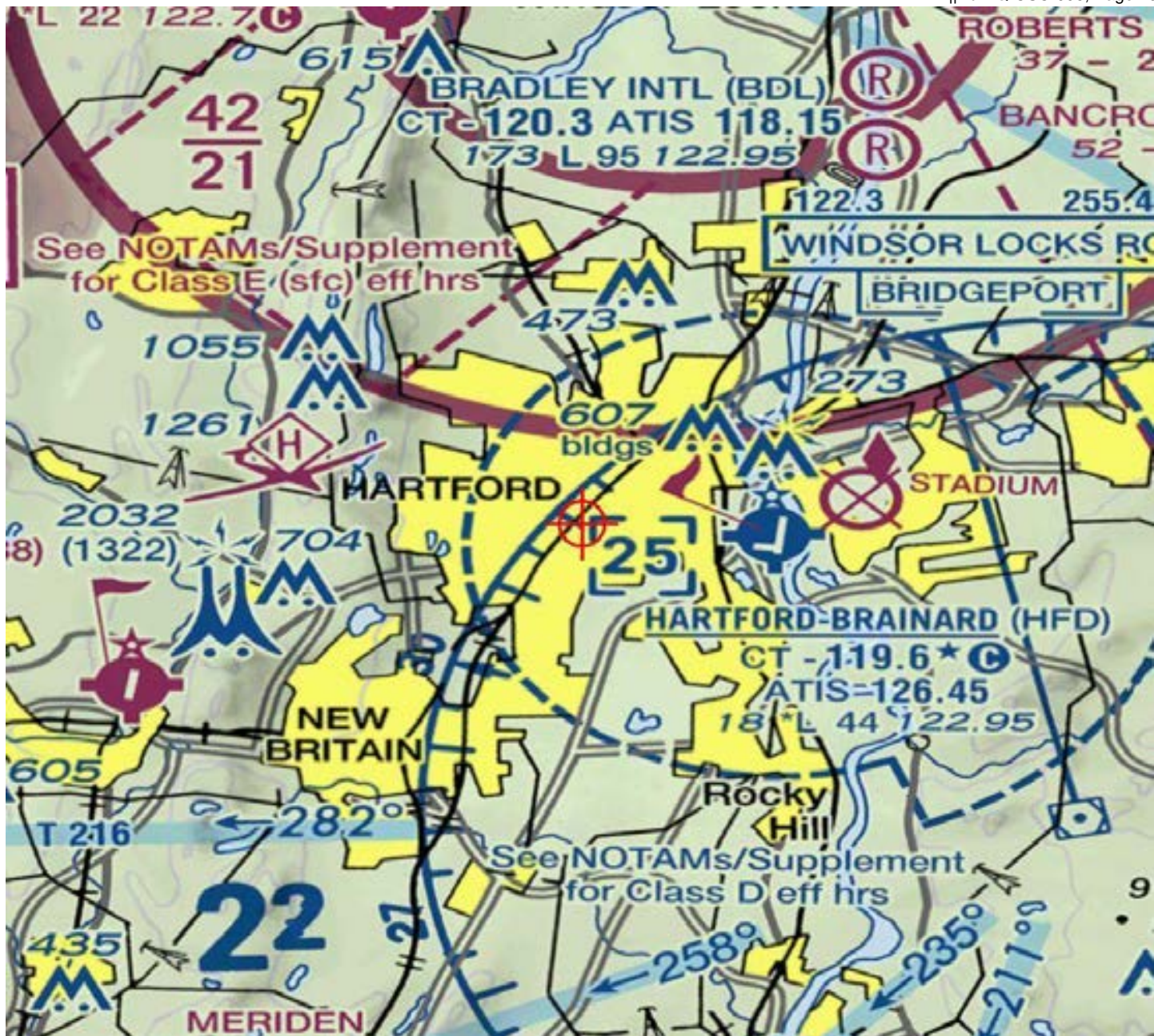
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 56 Prospect St  
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**\*\* 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:	Transmission Line Line_1346_Str_52
Location:	Newington, CT
Latitude:	41-44-38.26N NAD 83
Longitude:	72-42-50.33W
Heights:	68 feet site elevation (SE) 98 feet above ground level (AGL) 166 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.
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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-322-OE.

**Signature Control No: 352903186-353642279**

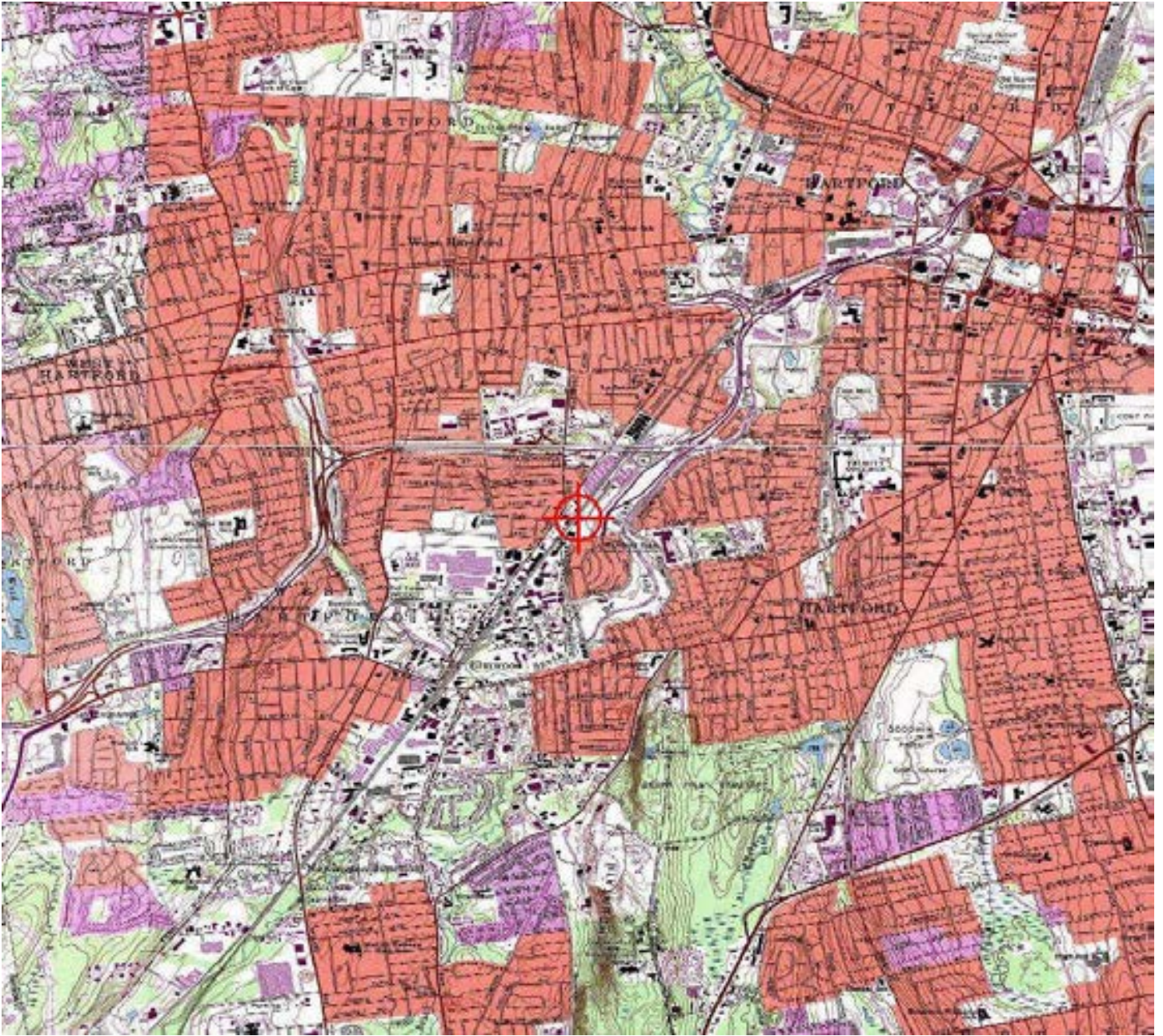
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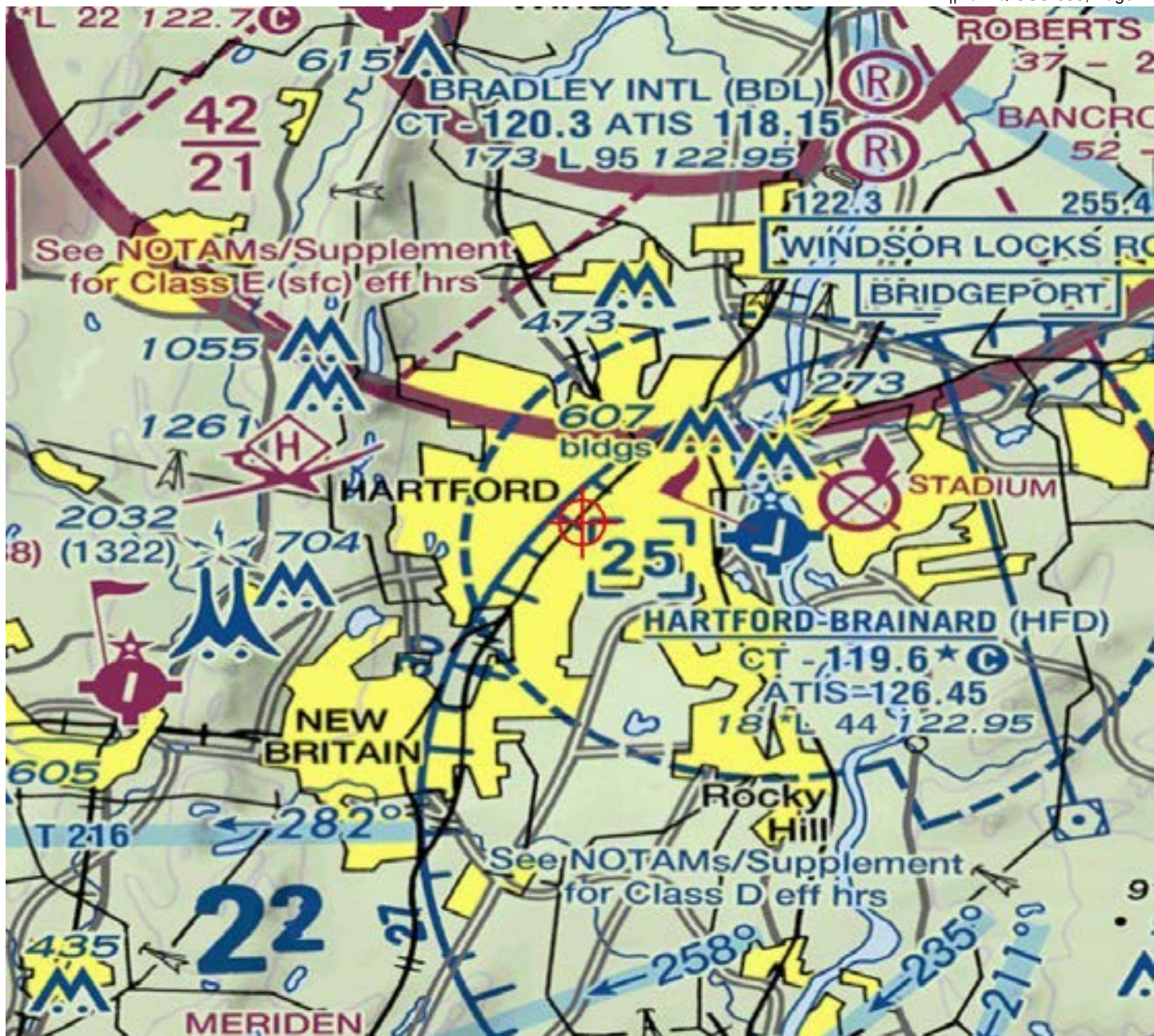
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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**\*\* 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:	Transmission Line Line_1346_Str_53
Location:	Newington, CT
Latitude:	41-44-40.38N NAD 83
Longitude:	72-42-48.63W
Heights:	66 feet site elevation (SE) 98 feet above ground level (AGL) 164 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
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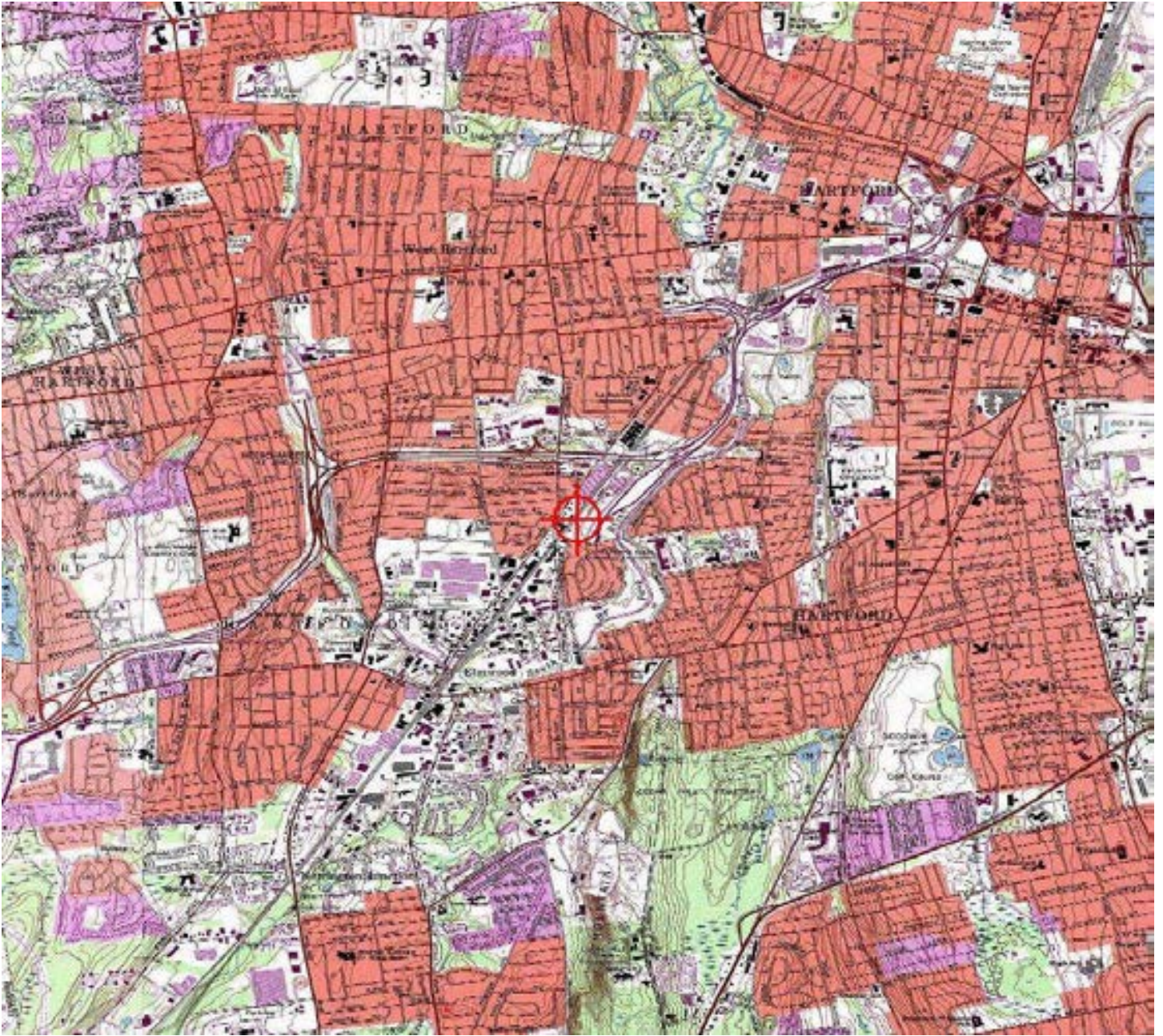
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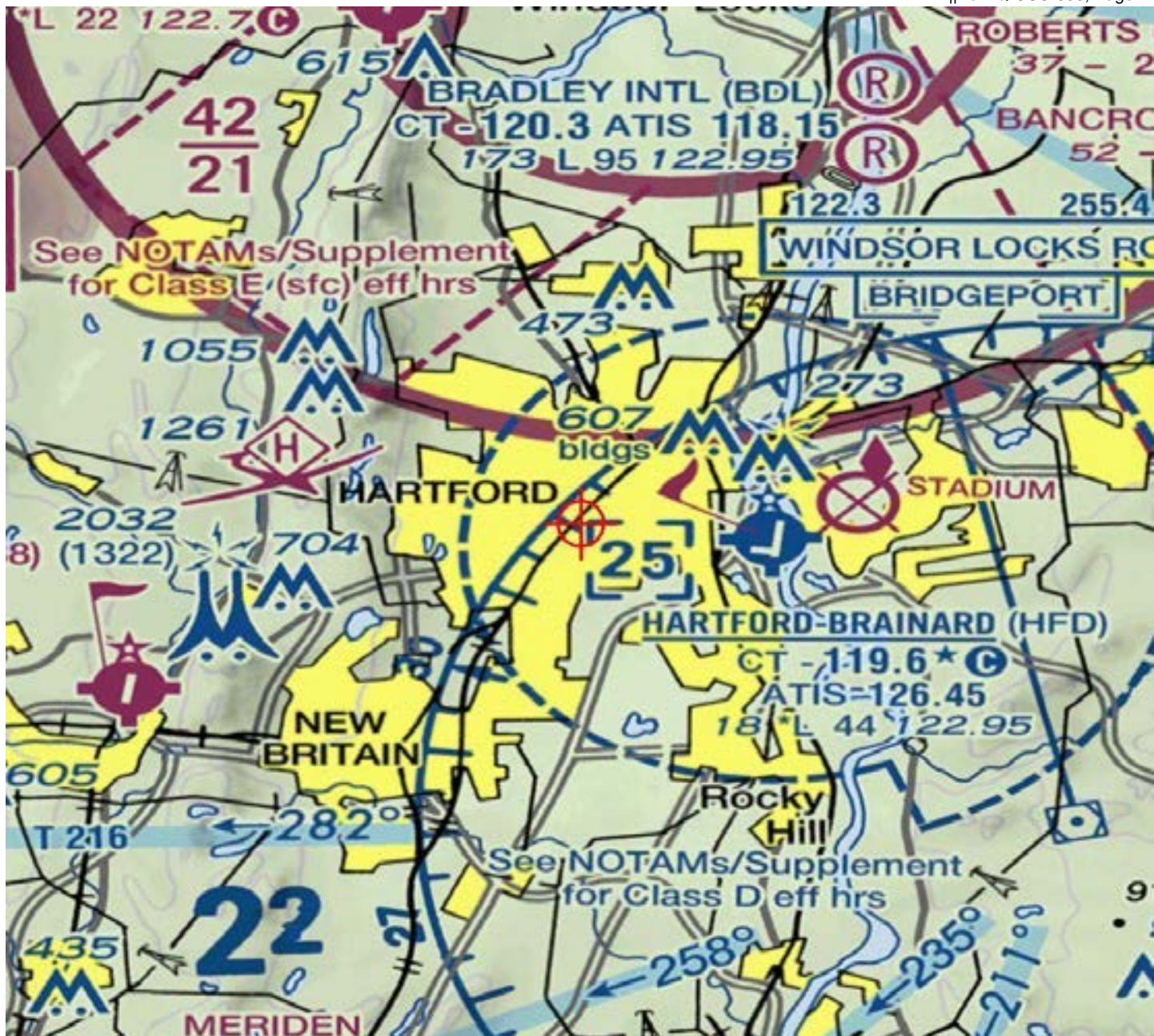
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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**\*\* 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:	Transmission Line Line_1346_Str_54
Location:	Newington, CT
Latitude:	41-44-42.44N NAD 83
Longitude:	72-42-46.76W
Heights:	65 feet site elevation (SE) 98 feet above ground level (AGL) 163 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-324-OE.

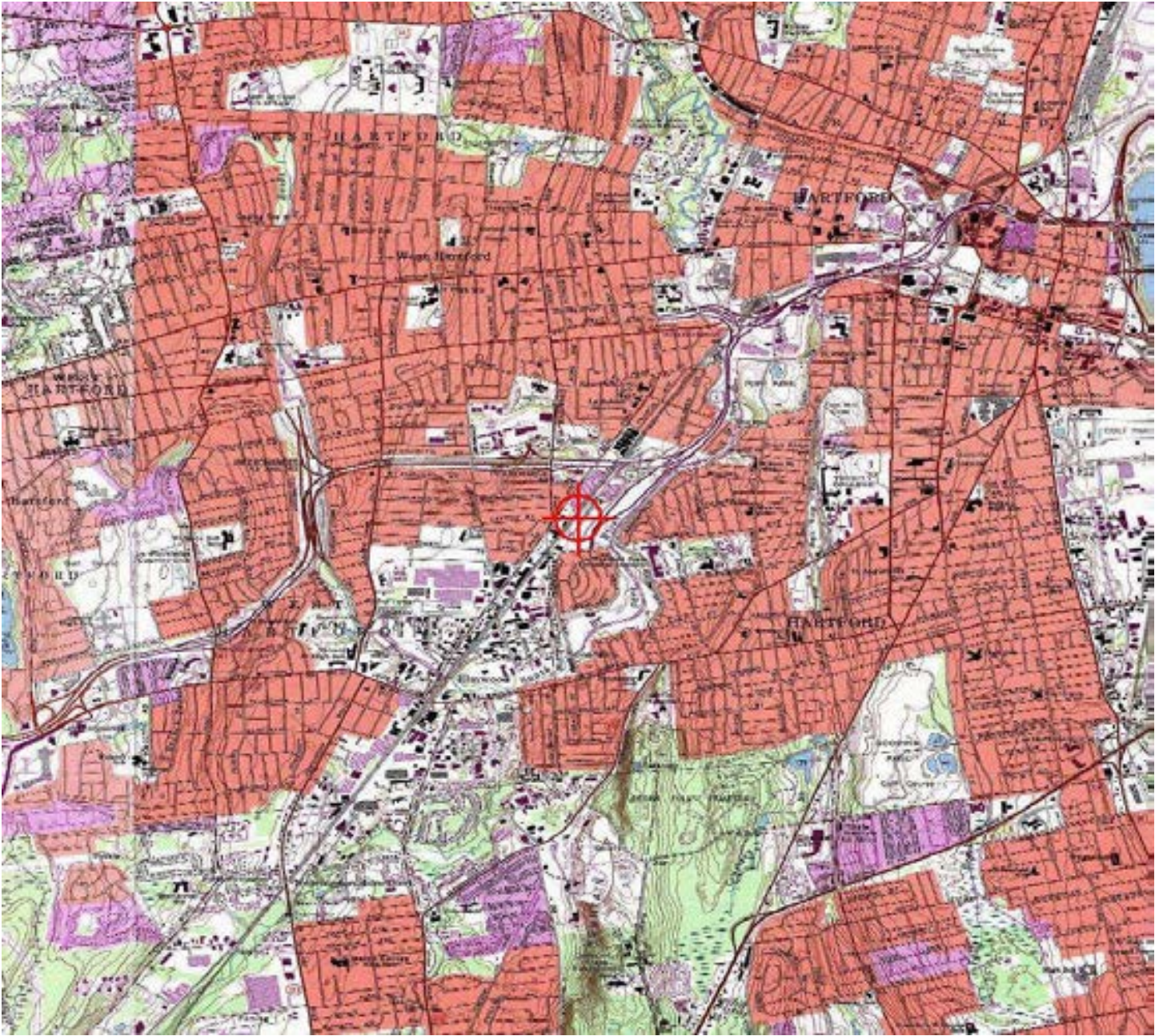
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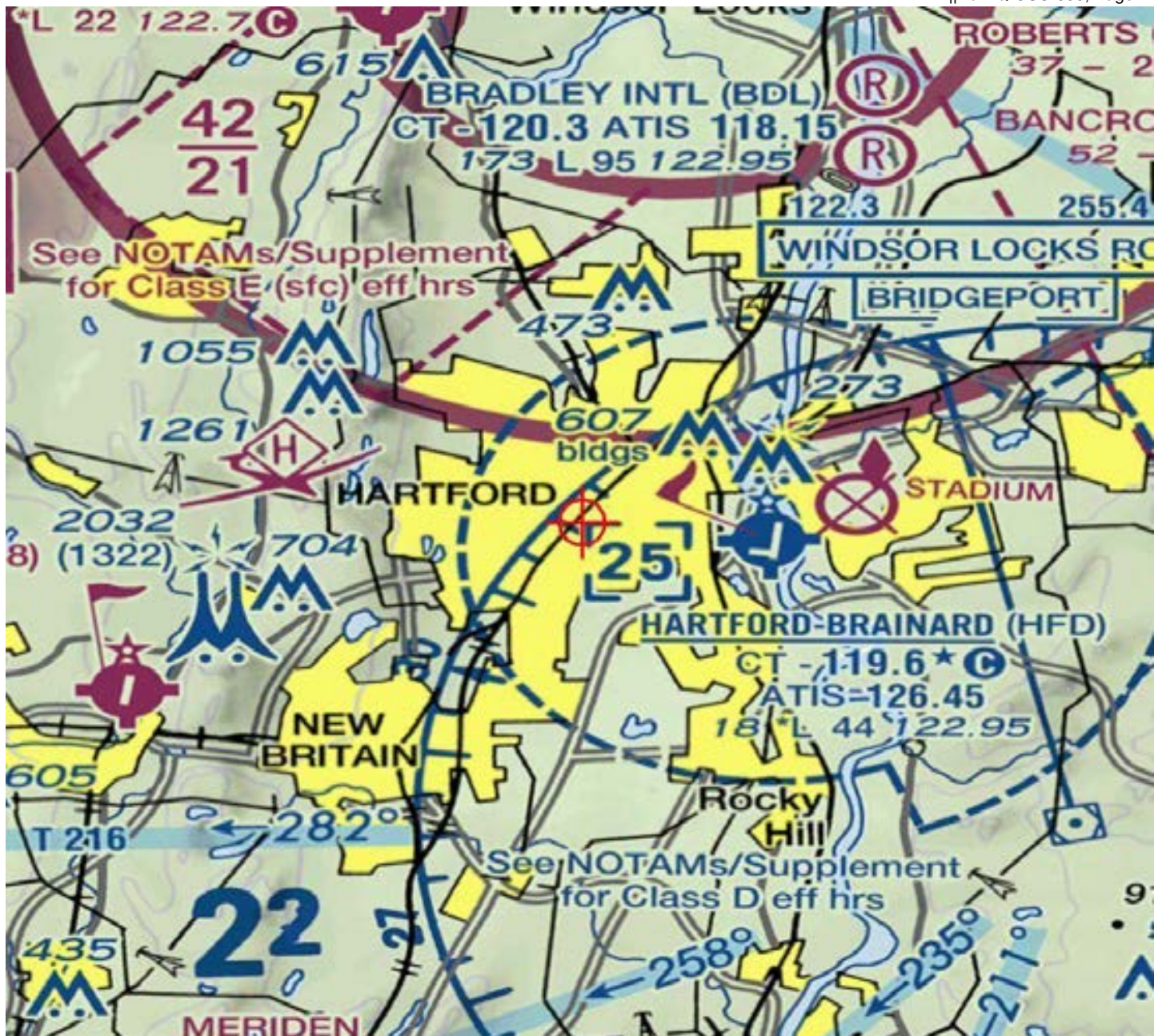
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_55
Location:	Newington, CT
Latitude:	41-44-44.57N NAD 83
Longitude:	72-42-45.07W
Heights:	62 feet site elevation (SE) 98 feet above ground level (AGL) 160 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-325-OE.

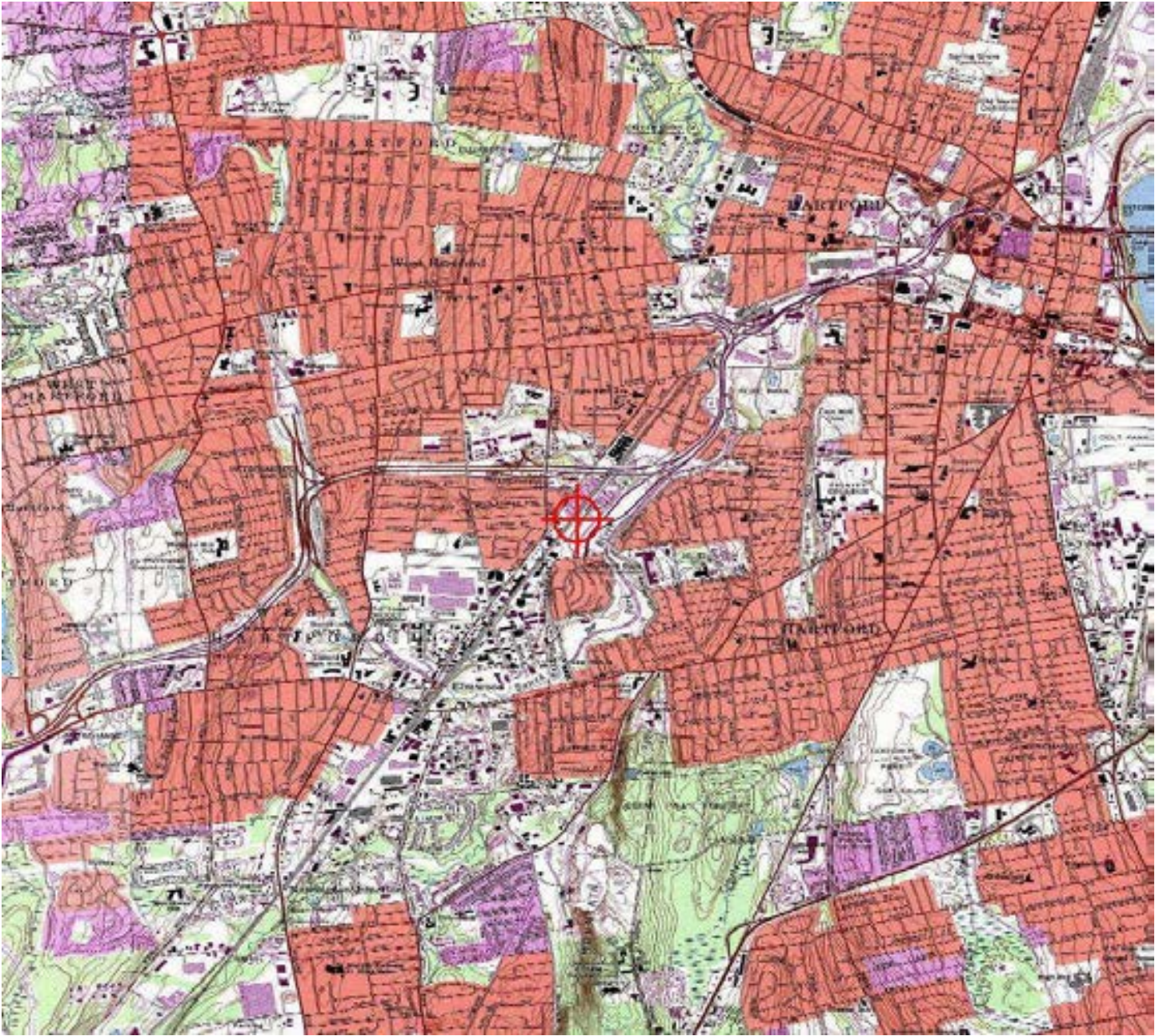
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( DNE )

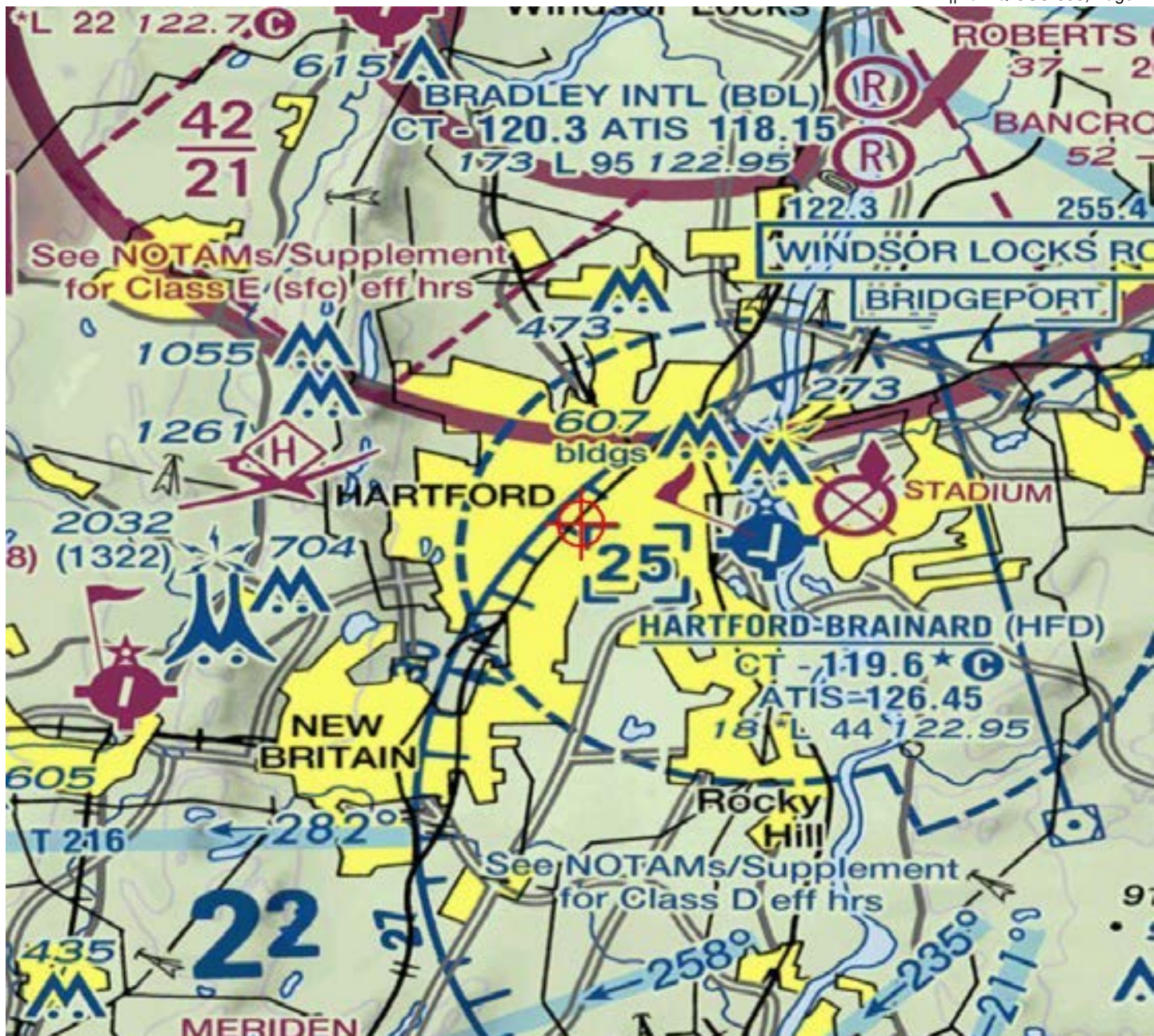
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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 Hartford 565, 1st Floor  
 56 Prospect St  
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**\*\* 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:	Transmission Line Line_1346_Str_56
Location:	Newington, CT
Latitude:	41-44-46.69N NAD 83
Longitude:	72-42-43.37W
Heights:	62 feet site elevation (SE) 98 feet above ground level (AGL) 160 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-326-OE.

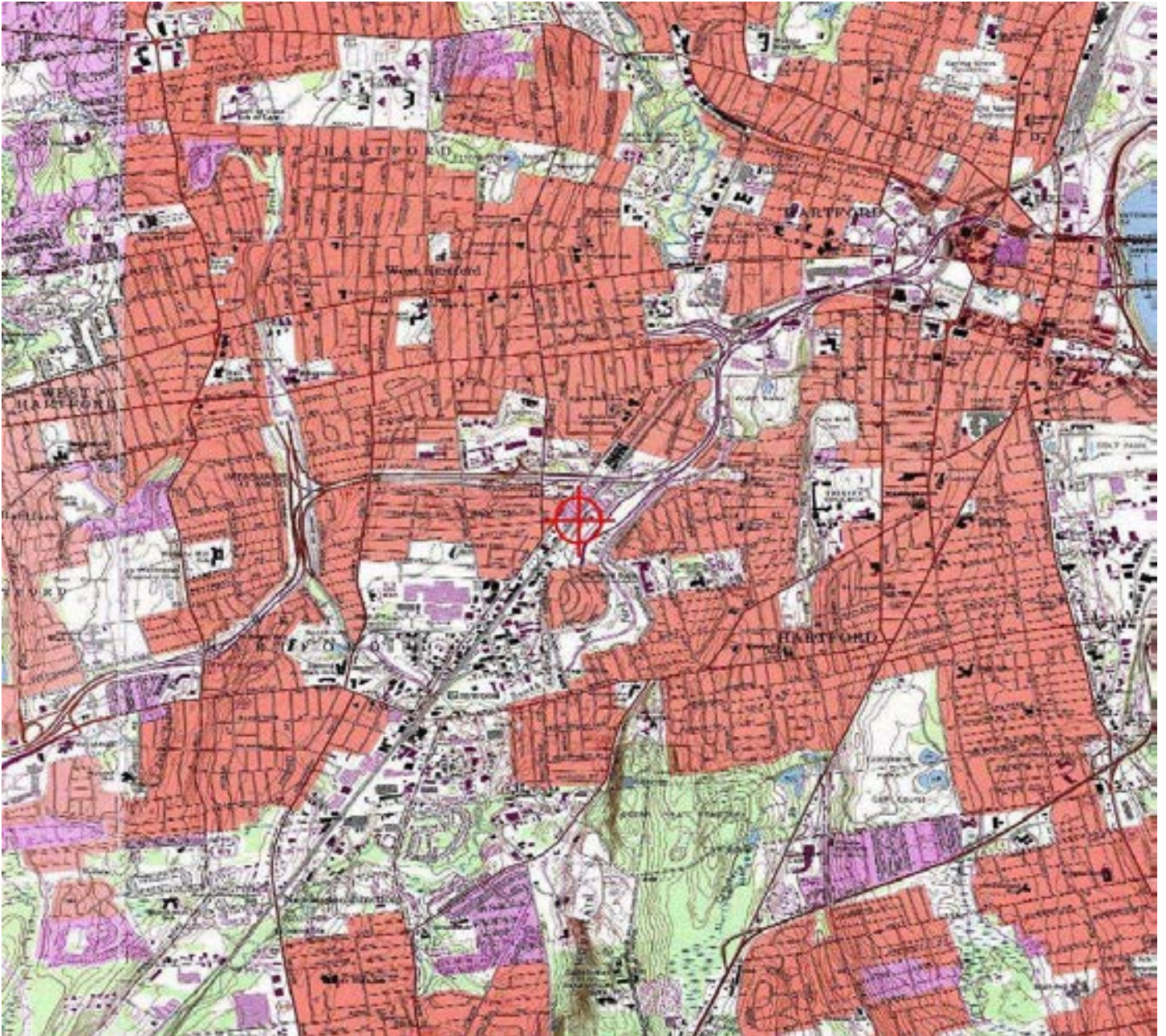
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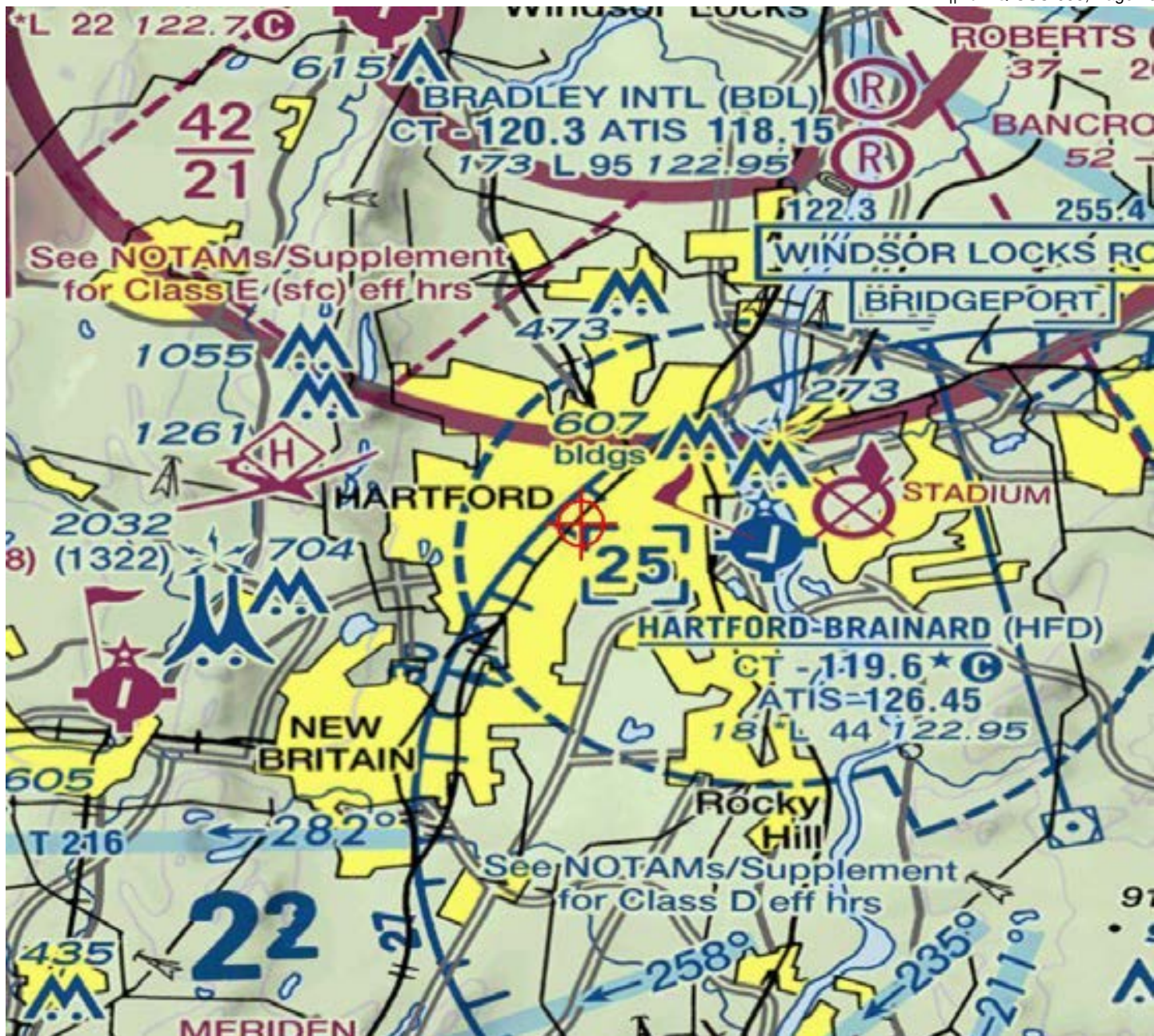
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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**\*\* 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:	Transmission Line Line_1346_Str_57
Location:	Newington, CT
Latitude:	41-44-48.84N NAD 83
Longitude:	72-42-41.71W
Heights:	64 feet site elevation (SE) 98 feet above ground level (AGL) 162 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-327-OE.

**Signature Control No: 352903191-353642290**

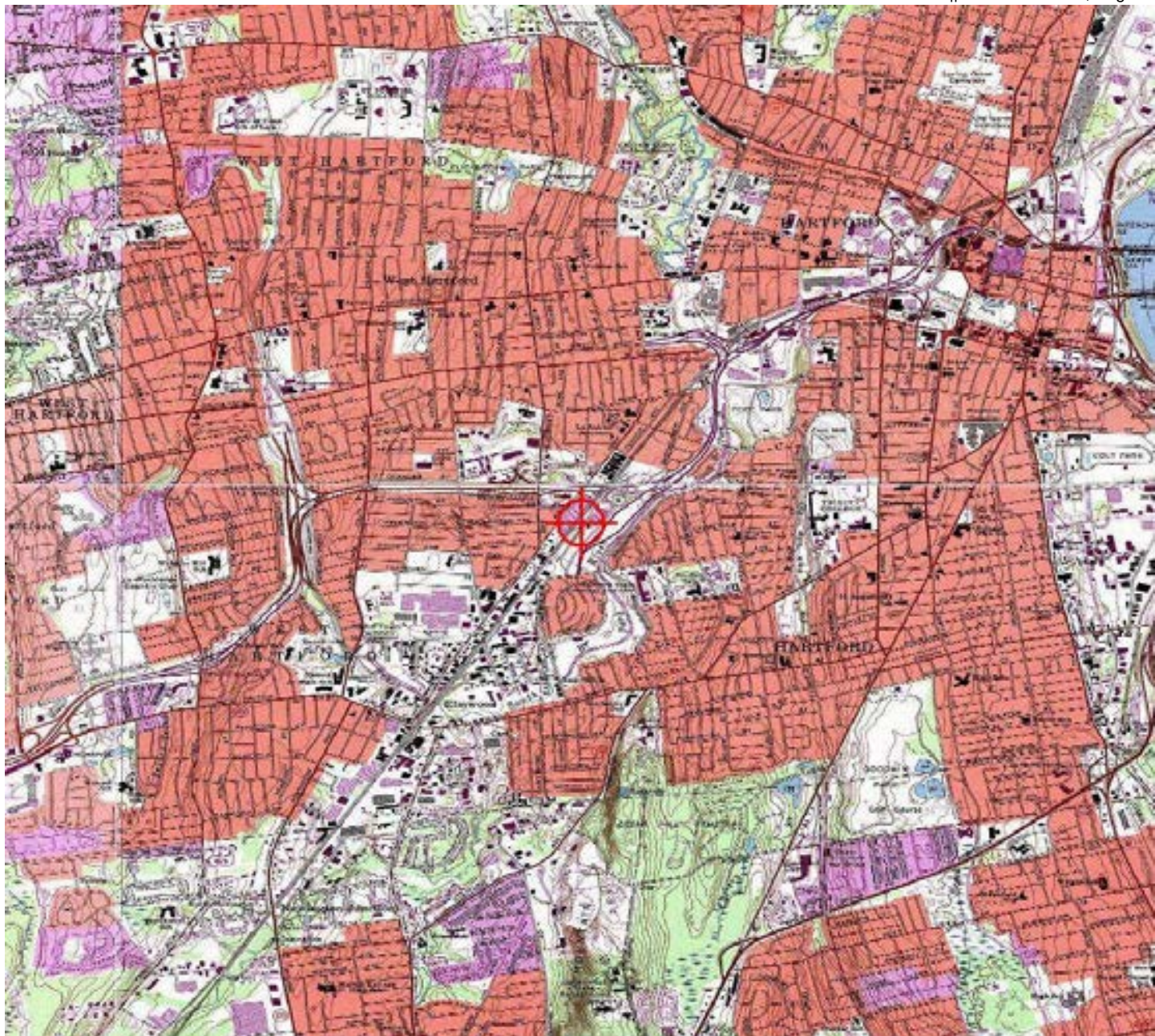
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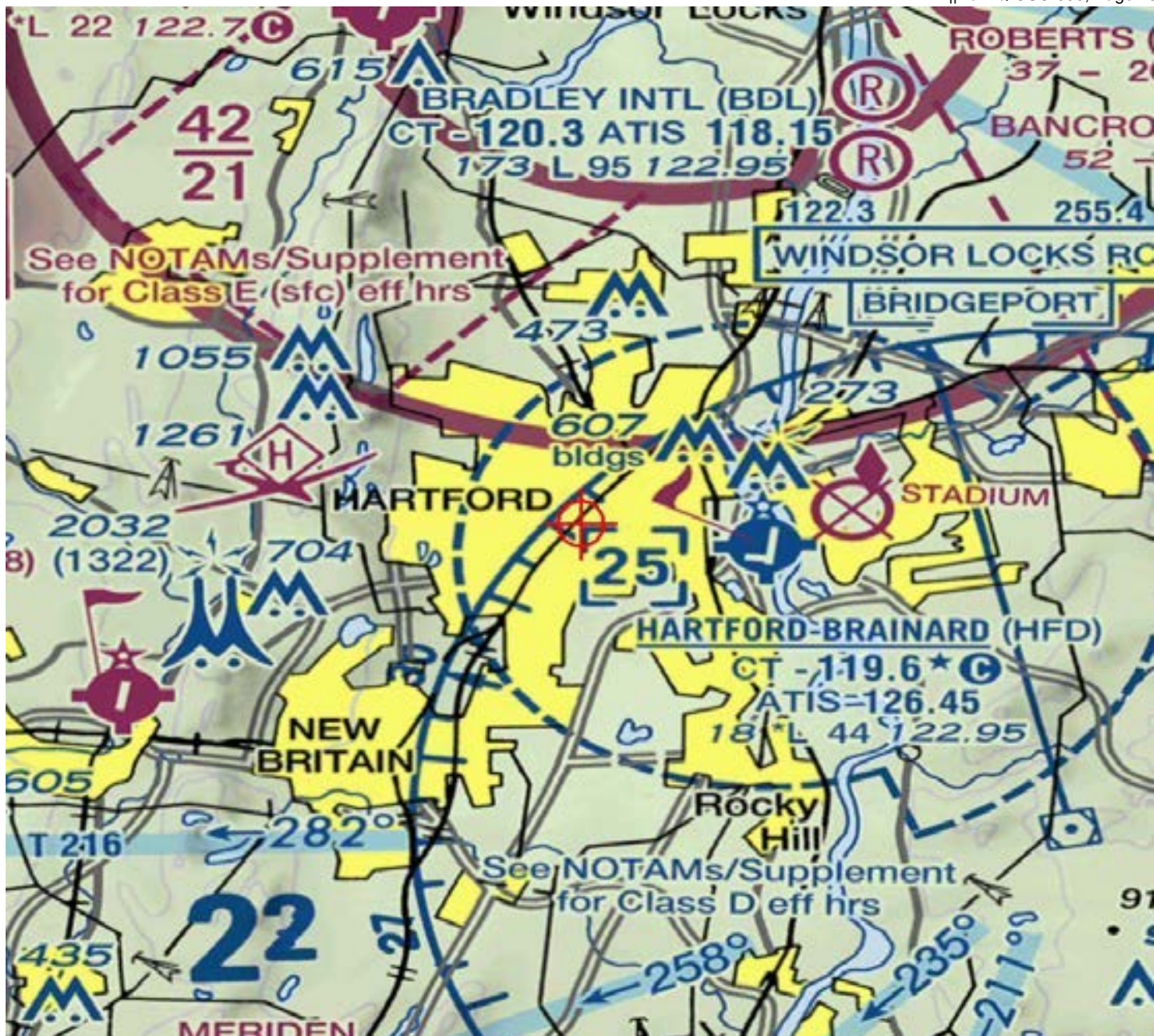
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)



EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







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 Fort Worth, TX 76177

Issued Date: 01/23/2018

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 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_58
Location:	Newington, CT
Latitude:	41-44-50.96N NAD 83
Longitude:	72-42-40.01W
Heights:	62 feet site elevation (SE) 98 feet above ground level (AGL) 160 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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.

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If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-328-OE.

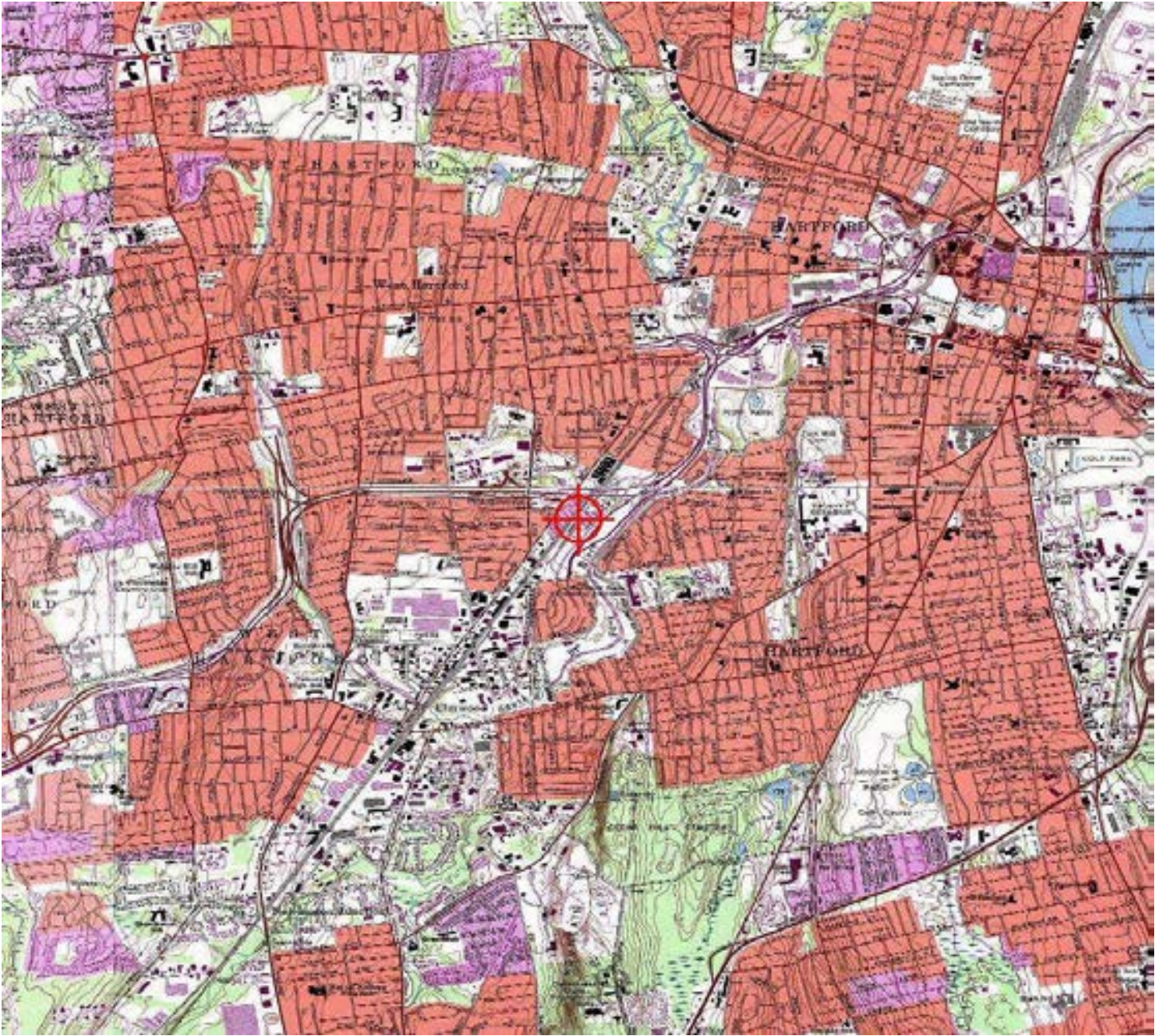
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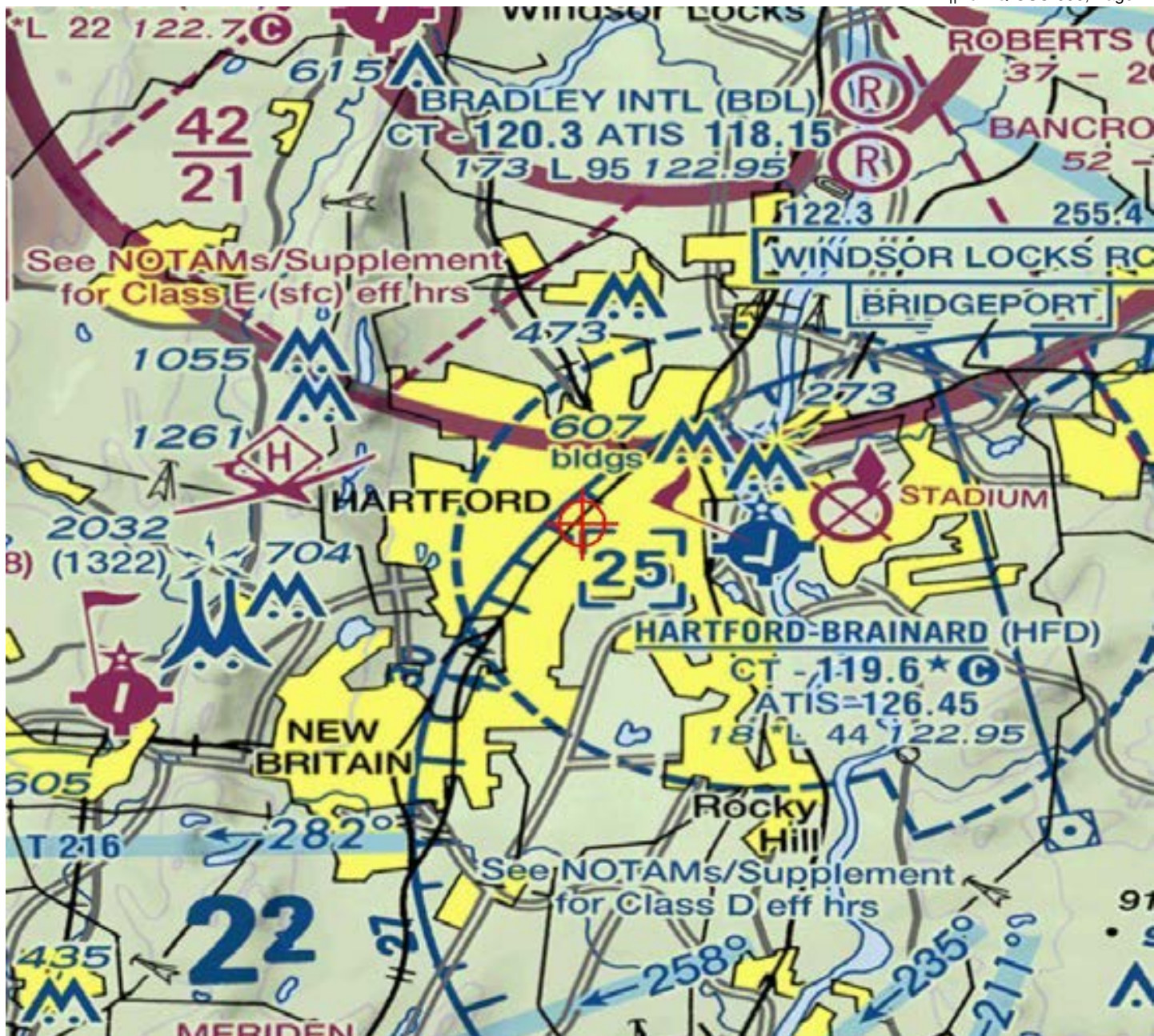
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.









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Issued Date: 01/23/2018

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**\*\* 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:	Transmission Line Line_1346_Str_59
Location:	Newington, CT
Latitude:	41-44-53.41N NAD 83
Longitude:	72-42-38.04W
Heights:	61 feet site elevation (SE) 98 feet above ground level (AGL) 159 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 unless:

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- (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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-329-OE.

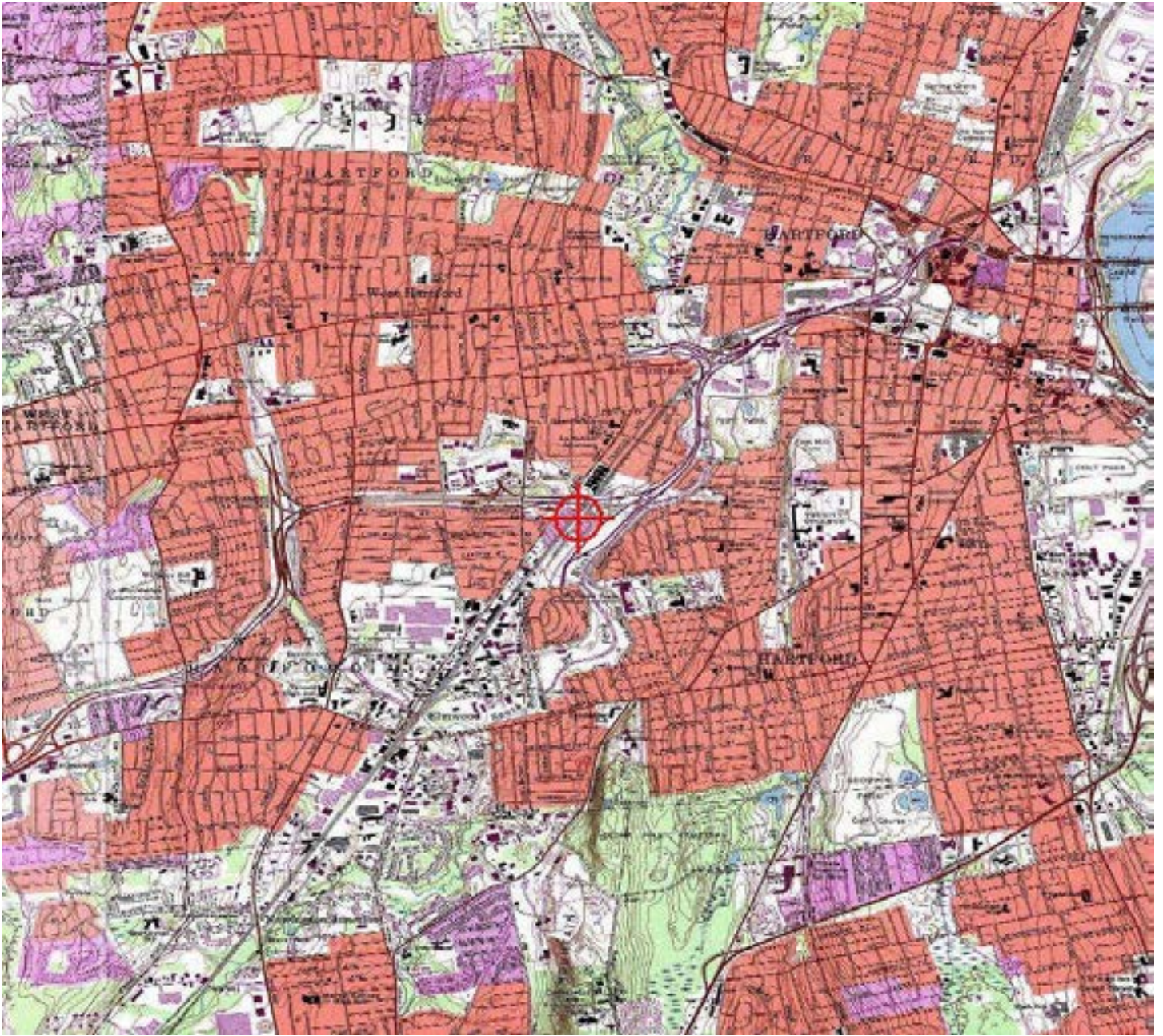
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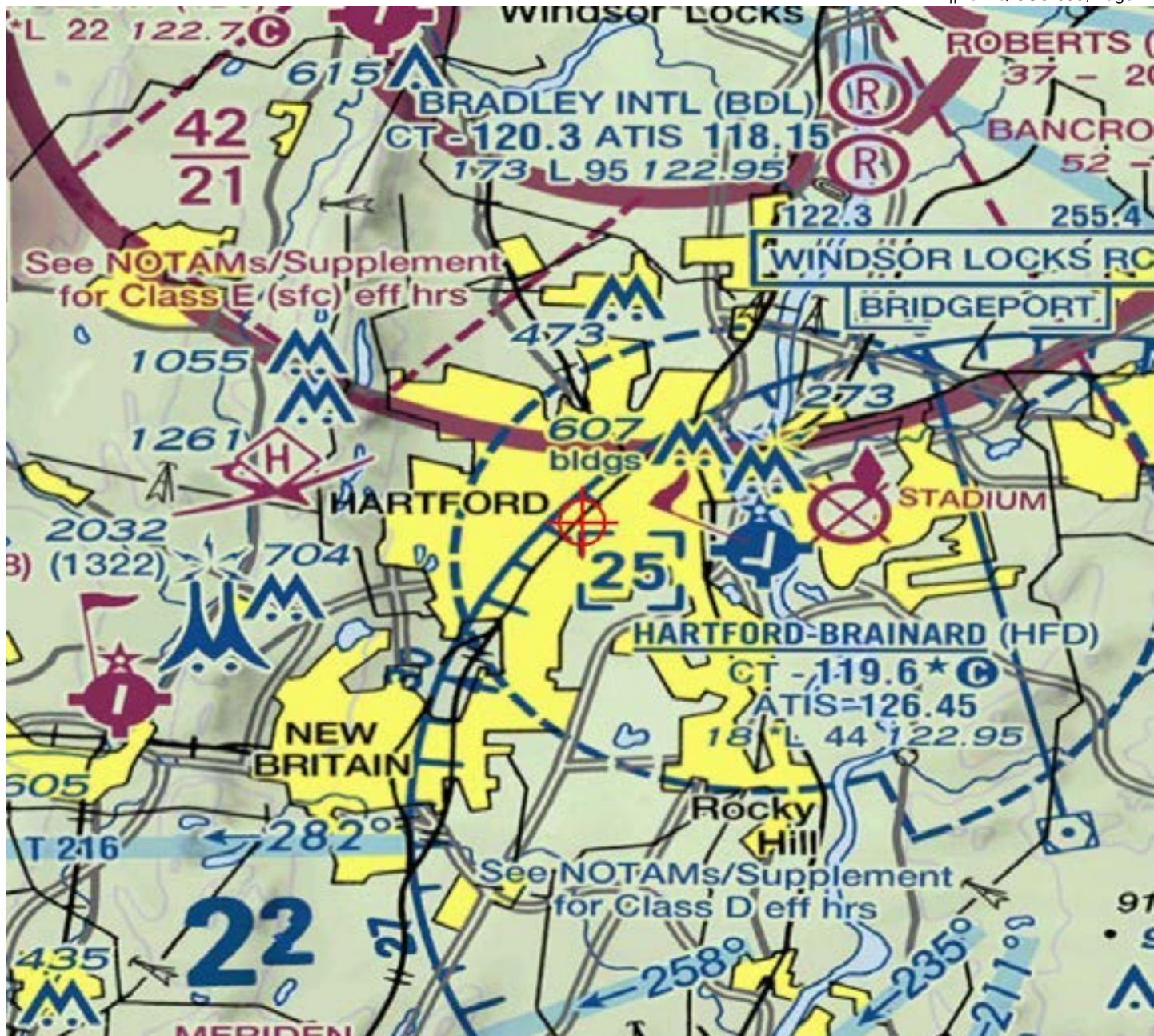
( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

EVERSOURCE ENERGY PROPOSES TO INSTALL A 3.7 MILE LONG 115-KV TRANSMISSION LINE CONNECTING THE NEWINGTON SUBSTATION IN NEWINGTON, CT AND THE SOUTHWEST HARTFORD SUBSTATION IN HARTFORD, CT. THE PROPOSED TRANSMISSION LINE WOULD CONSIST OF BOTH OVERHEAD (2.4 MILES) AND UNDERGROUND (1.3 MILES) SEGMENTS. THE OVERHEAD LINE WILL BE ALIGNED ALONG THE EASTERN PORTION OF THE AMTRAK RIGHT-OF-WAY AND CONSIST OF 51 STRUCTURES WITH HEIGHTS RANGING FROM 95FT TO 135FT. THE STRUCTURES WILL BE GALVANIZED STEEL MONOPOLES CARRYING THREE SETS OF PHASE CONDUCTORS AND ONE FIBER OPTIC SHIELD WIRE IN A VERTICAL CONFIGURATION. THE PHASES WILL HAVE A SINGLE 1272KCMIL ACSS (PHEASANT) CONDUCTOR WITH A DIAMETER OF 1.38 INCHES. THE FIBER OPTIC CABLE WILL BE INSTALLED AT THE TOP OF THE STRUCTURES AND HAVE A DIAMETER OF 0.646 INCHES.







Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_60
Location:	Newington, CT
Latitude:	41-44-56.04N NAD 83
Longitude:	72-42-36.09W
Heights:	64 feet site elevation (SE) 96 feet above ground level (AGL) 160 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, 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 includes all previously filed frequencies and power for this structure.

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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.

If we can be of further assistance, please contact our office at (404) 305-6531, or [darin.clipper@faa.gov](mailto:darin.clipper@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANE-330-OE.

**Signature Control No: 352903195-353642304**

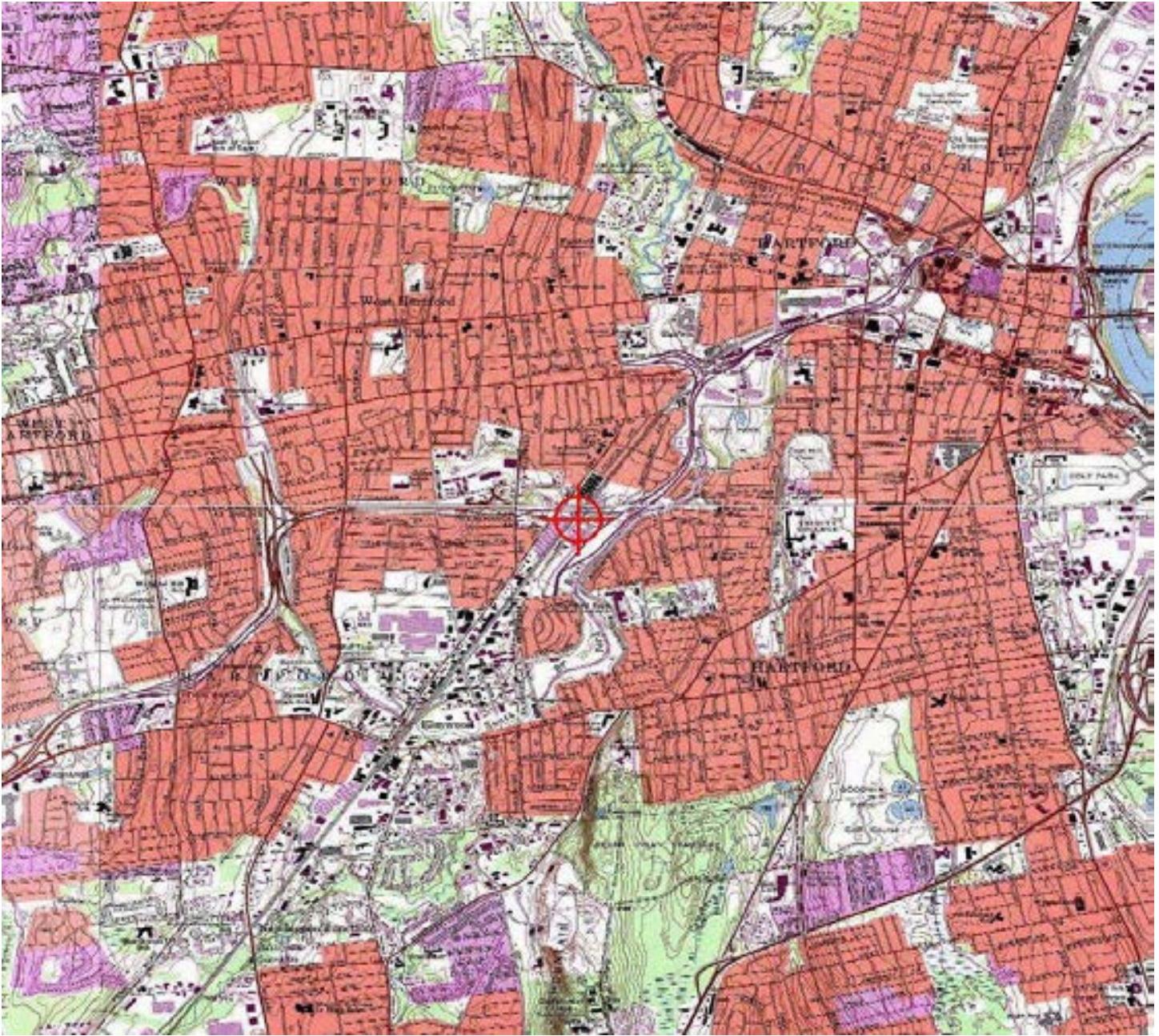
( DNE )

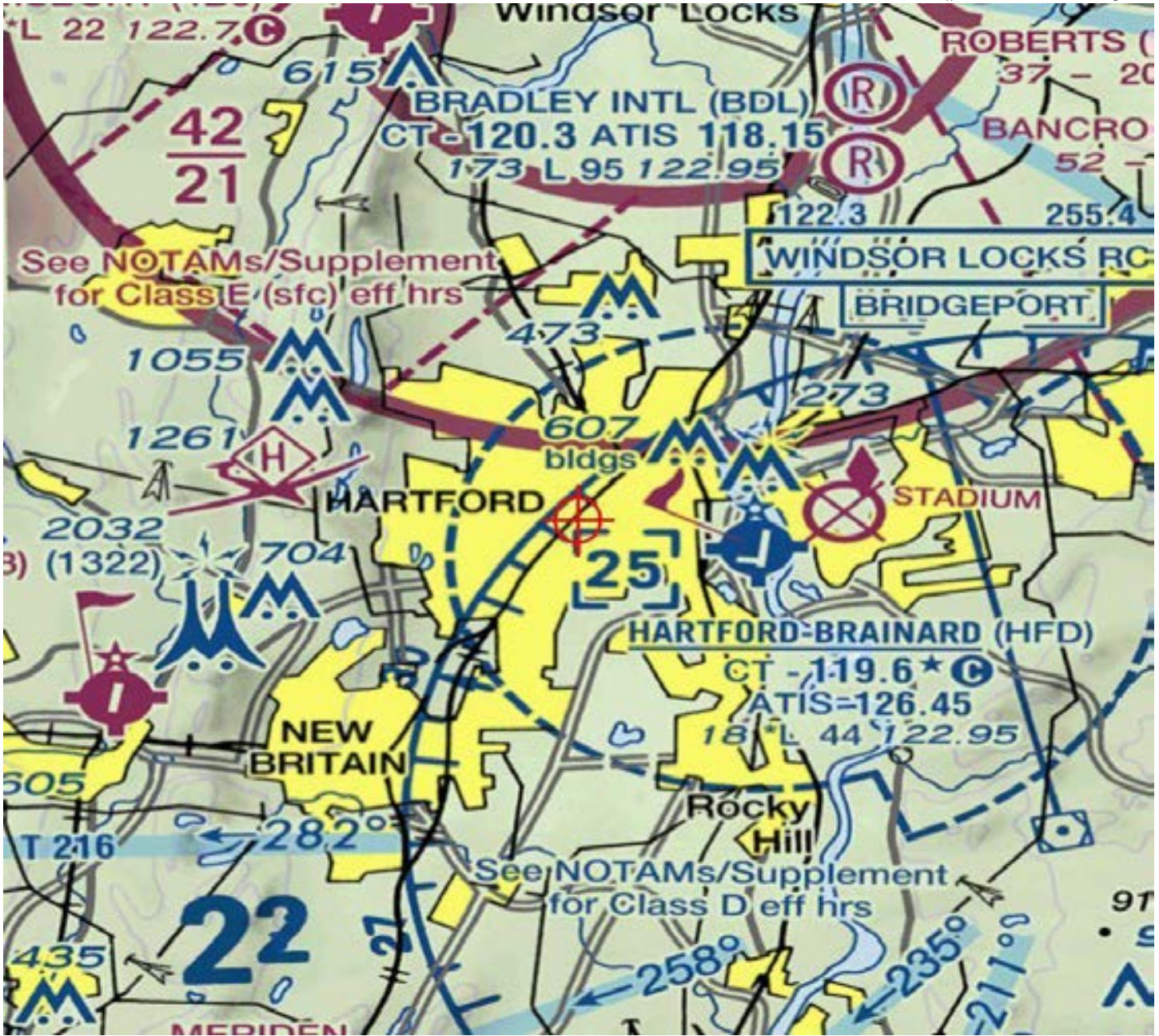
Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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 Federal Aviation Administration  
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 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Issued Date: 01/23/2018

Ervin Qyra  
 Eversource Energy  
 Hartford 565, 1st Floor  
 56 Prospect St  
 Hartford, CT 06103

**\*\* 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:	Transmission Line Line_1346_Str_61
Location:	Newington, CT
Latitude:	41-44-56.80N NAD 83
Longitude:	72-42-37.83W
Heights:	57 feet site elevation (SE) 96 feet above ground level (AGL) 153 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:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
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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 in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 07/23/2019 unless:

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**Signature Control No: 352903196-353642306**

( DNE )

Darin Clipper  
Specialist

Attachment(s)  
Case Description  
Map(s)

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