

**THE CONNECTICUT PORTION
OF THE INTERSTATE RELIABILITY PROJECT
BY
THE CONNECTICUT LIGHT AND POWER COMPANY**

VOLUME 10: PROPOSED ROUTE CROSS SECTIONS AND PLAN & PROFILES

DECEMBER 2011

VOLUME 10: PROPOSED ROUTE CROSS SECTIONS AND PLAN & PROFILES

EX. 1: Typical Cross Sections and Photo Simulations

EX. 2: Plan & Profile Drawings

EX. 1: Typical Cross Sections and Photo Simulations

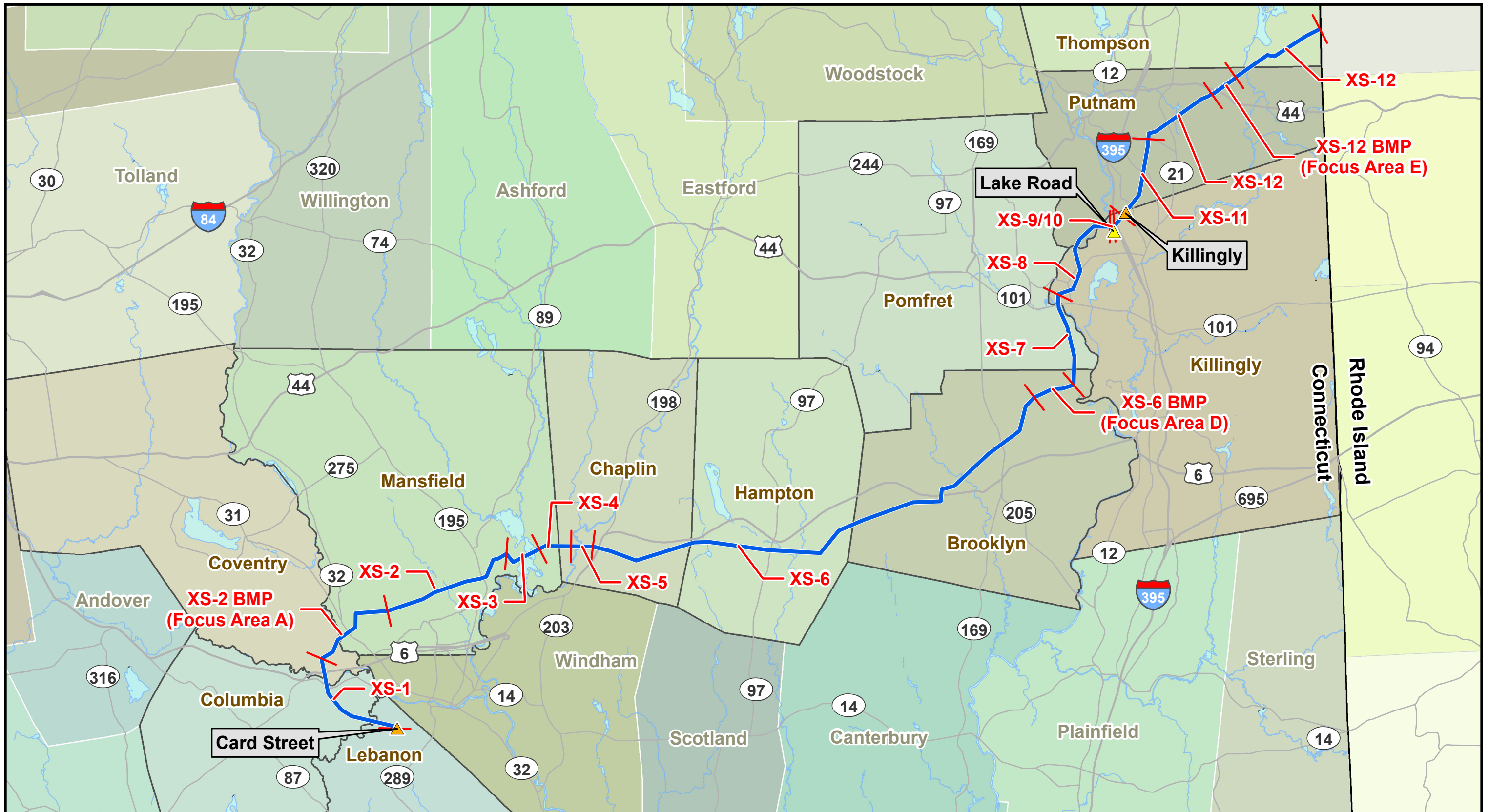
INTRODUCTION: CROSS-SECTIONS AND REPRESENTATIVE PHOTO-SIMULATIONS

This Exhibit provides representative cross-section drawings for each of the 15 different right-of-way (ROW) segments along the Proposed Route for the Connecticut portion of the Interstate Reliability Project between Card Street Substation and the Connecticut/Rhode Island state border. The Cross-Section Key map located at the beginning of this exhibit illustrates the location of each cross-section along the Proposed Route. *(Note: The oversize cross-sections included in this Volume are scaled drawings and include all applicable drawing notes. The copies of the cross-sections, provided for convenience in 8.5" x 11" format in Volume 1 (Appendix 3A and Appendix 7B) and on the Volume 9 maps, are not scaled and do not include notes.)*

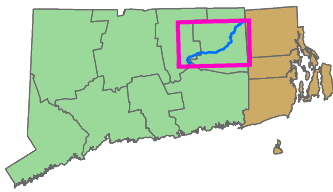
For each of the 15 cross-sections, the following are provided on the page facing the cross-section:




- A representative photograph that illustrates the current configuration of the existing transmission line structures and the vegetation along the ROW; and
- A photographic simulation that depicts the anticipated view of the ROW with the addition of the proposed 345-kV transmission lines.

Path: V:\NUSNETR_Projects\46043_Interstate_34&KVI_Environmental\GIS\DataFiles\ArcDocs\CSC_Application\2011_Updates\CSC_Figure_Vol10_XS_KeyMap_11x17_2011_09_14.mxd



Key Map



-  Proposed Route (in existing ROW)
-  Switching Station
-  Substation

-  Cross-Section Begin/End Location

Source: ESRI, CT DEEP, and Burns & McDonnell Engineering.



Connecticut Light & Power
A Northeast Utilities Company

Cross-Section Key Map
Interstate Reliability Project

Interstate Reliability Project
Card Street Substation in the Town of Lebanon to Babcock Hill Junction in the Town of Columbia
Transmission Rights-of-Way
Typical Cross Section XS-1

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed. Also, a one new 69-kV double circuit structure for existing lines 800 and 900 will be installed at this location.

(Existing View – Leaf-off Condition)



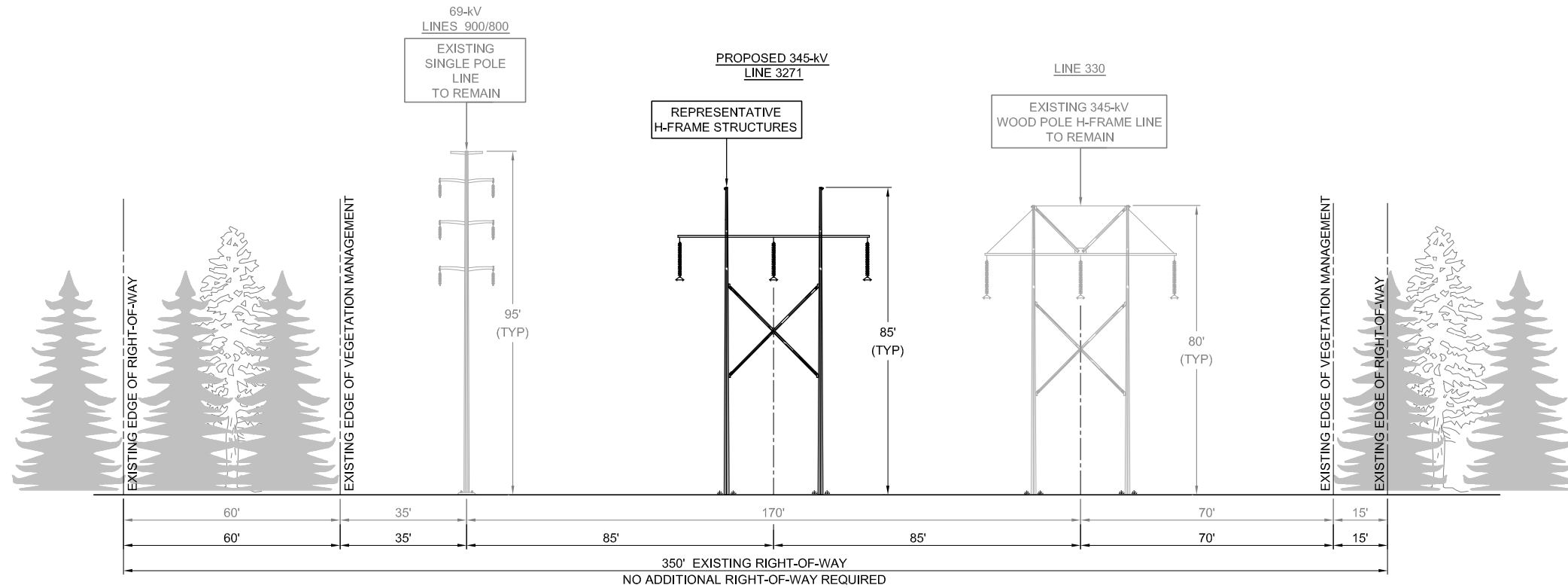
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking north along the ROW from a location north of Willimantic Road.

Preliminary design of electric transmission line structures looking north along the ROW from a location north of Willimantic Road.

NOTE: See Drawing XS-1 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



**PROPOSED CONFIGURATION
H-FRAME DESIGN**

CARD STREET SUBSTATION
TO
BABCOCK HILL JUNCTION

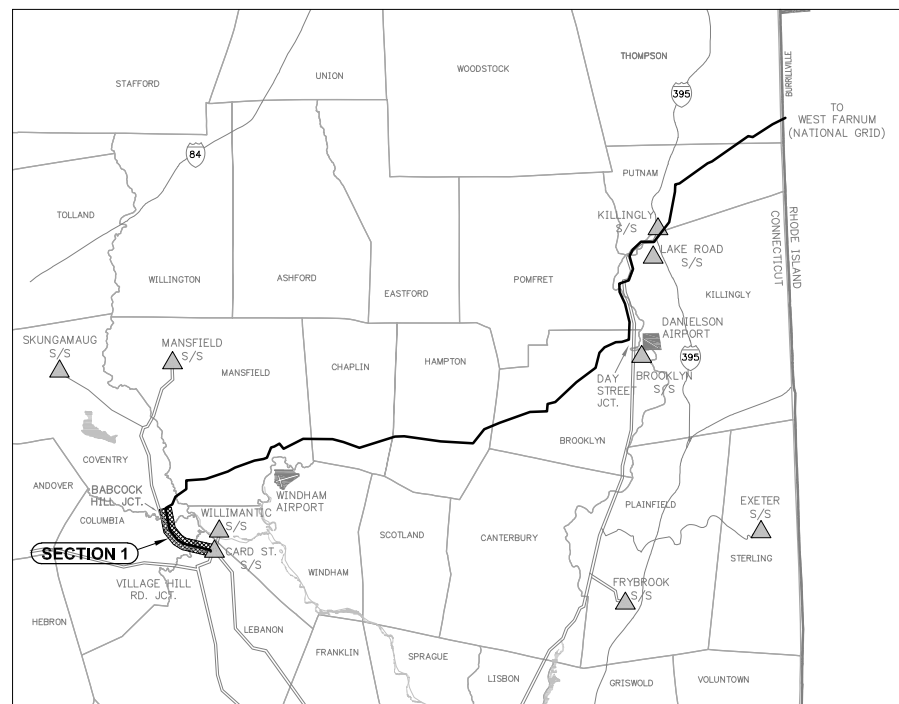
IN THE TOWNS OF LEBANON,
COLUMBIA & COVENTRY

EXISTING STRUCTURES 9001-9027

LOOKING
NORTHWESTERLY

(2.8 MILES)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**

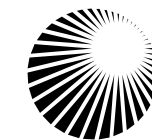


KEY MAP
NOT TO SCALE



NOTES:

- EXISTING LINES TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
- STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
- EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
- DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.
- VEGETATION WITHIN R.O.W. BETWEEN THE EXISTING 330 LINE AND THE EXISTING 900/800 LINE WILL BE REMOVED.



**Northeast
Utilities System**

TITLE
**INTERSTATE RELIABILITY PROJECT
PROPOSED CONFIGURATION
CARD STREET SUBSTATION
TO
BABCOCK HILL JUNCTION**

BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-1
P.A. #			

Interstate Reliability Project
Card Street Substation in the Town of Lebanon to Babcock Hill Junction in the Town of Coventry
Transmission Rights-of-Way
Typical Cross Section XS-1

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



Existing electric transmission line structures looking northwest from Highway 6 westbound.

(Simulation of Post-Project View – Leaf-off Condition)



Preliminary design of electric transmission line structures looking northwest from Highway 6 westbound.

NOTE: See Drawing XS-1 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.

Interstate Reliability Project
Babcock Hill Junction to Vicinity of Highland Road in the Town of Mansfield
Transmission Rights-of-Way
Typical Cross Section XS-2 BMP

The existing 345-kV line will remain and a new a new delta-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



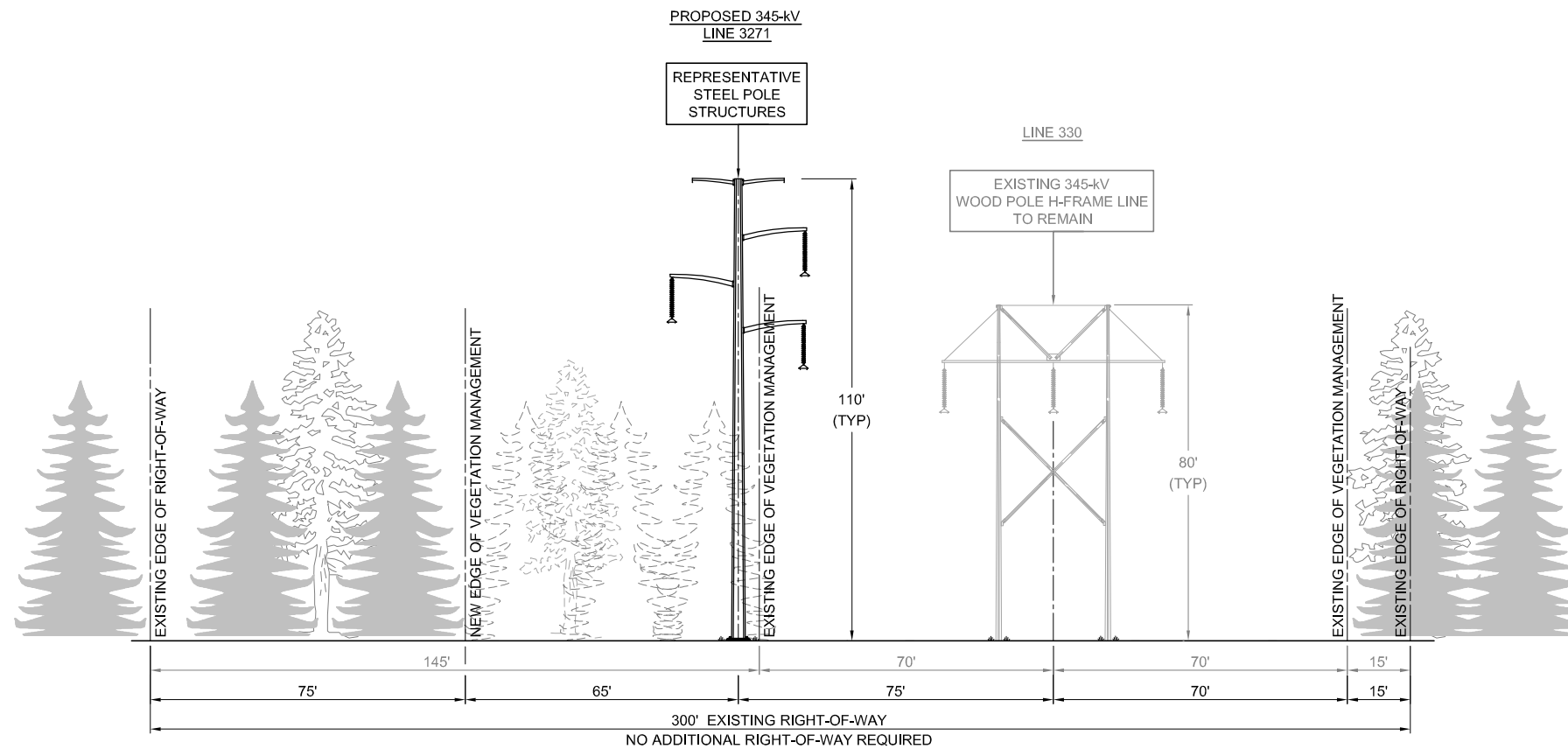
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking northeast from Stafford Road.

Preliminary design of electric transmission line structures looking northeast from Stafford Road.

NOTE: See Drawing XS-2 BMP for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.

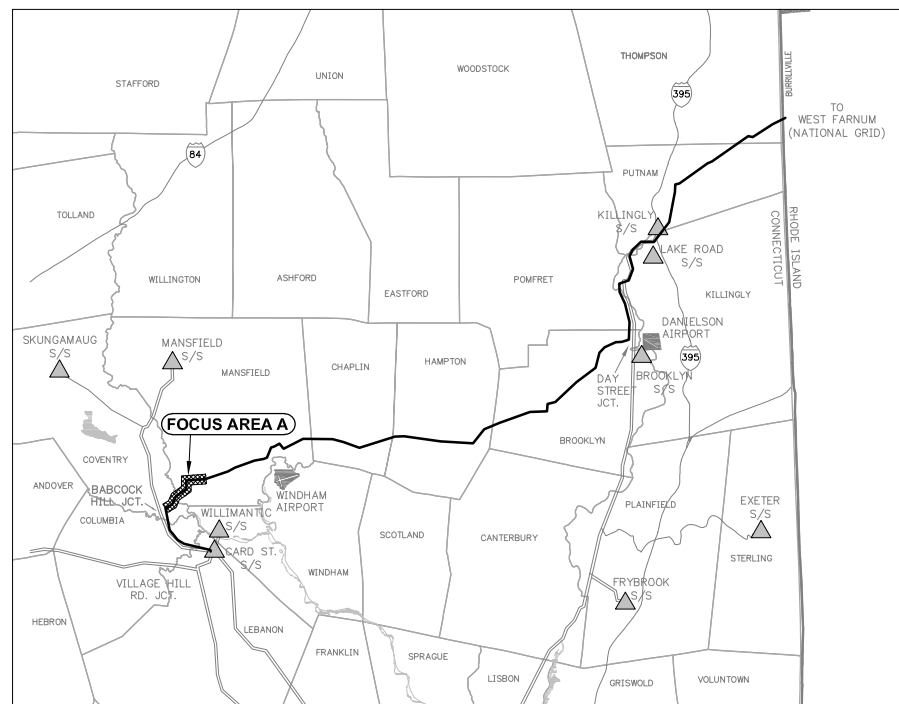


PROPOSED CONFIGURATION
DELTA STEEL POLE DESIGN
 EMF BMP - FOCUS AREA A
 (BABCOCK HILL JUNCTION TO VICINITY OF HIGHLAND ROAD)

IN THE TOWNS OF
 COVENTRY & MANSFIELD
 EXISTING STRUCTURES 9028-9048

LOOKING
 NORTHEASTERLY
 (2.3 MILES)

**PRELIMINARY DESIGN
 SUBJECT TO CHANGE**



KEY MAP
 NOT TO SCALE

NOTES:

- EXISTING LINE TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
- STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
- EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
- DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE
 INTERSTATE RELIABILITY PROJECT
 PROPOSED CONFIGURATION
 EMF BMP - FOCUS AREA A
 (BABCOCK HILL JUNCTION TO VICINITY OF HIGHLAND ROAD)

BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-2 BMP
P.A. #			

Interstate Reliability Project
Vicinity of Highland Road to Mansfield Hollow State Park in the Town of Mansfield
Transmission Rights-of-Way
Typical Cross Section XS-2

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



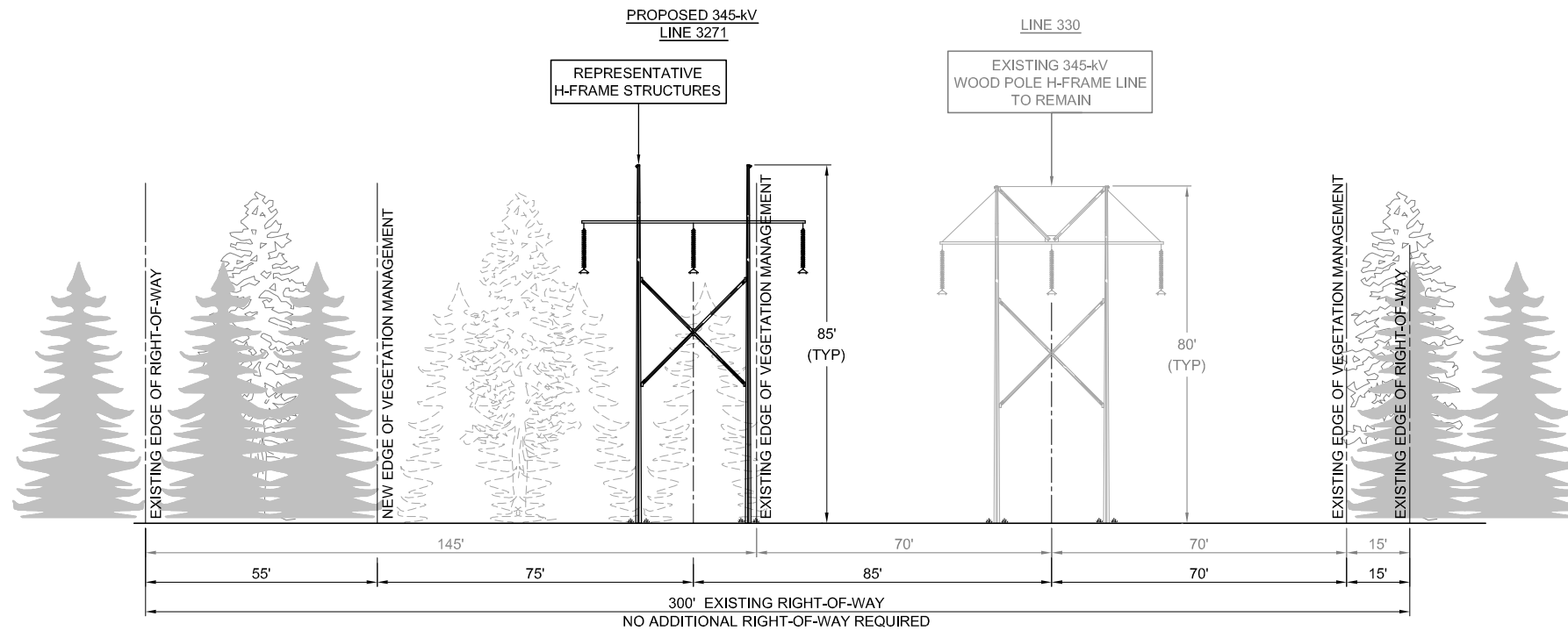
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking southwest from Bassetts Bridge Road.

Preliminary design of electric transmission line structures looking southwest from Bassetts Bridge Road.

NOTE: See Drawing XS-2 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.

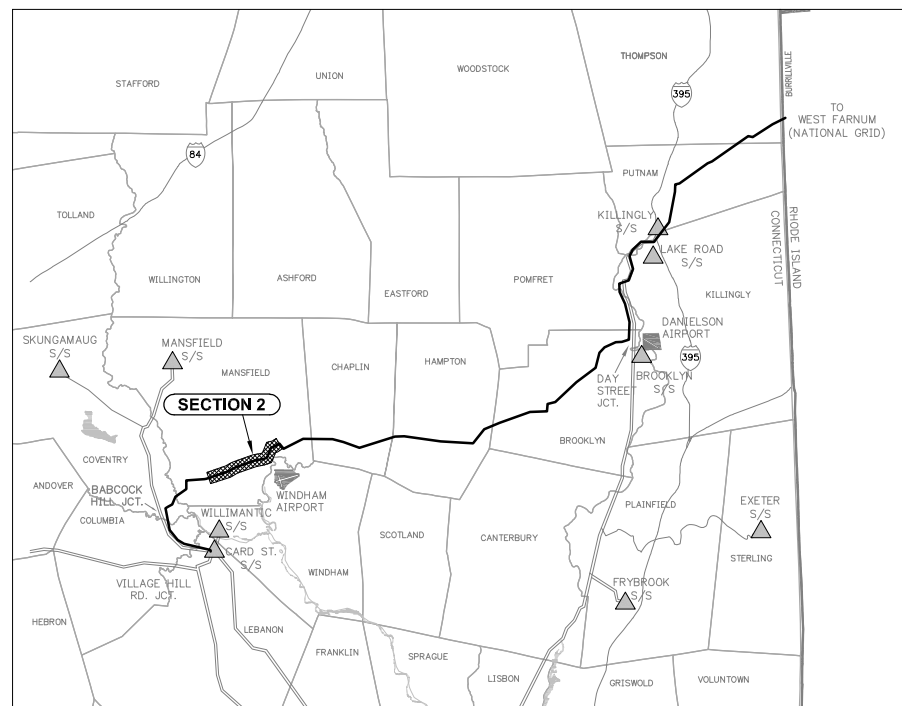


**PROPOSED CONFIGURATION
H-FRAME DESIGN**

VICINITY OF HIGHLAND ROAD (MANSFIELD)
TO
MANSFIELD HOLLOW STATE PARK
IN THE TOWN OF MANSFIELD
EXISTING STRUCTURES 9049-9080

LOOKING
NORTHEASTERLY
(3.3 MILES)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



KEY MAP
NOT TO SCALE

NOTES:

- EXISTING LINE TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
- STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
- EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
- REFER TO XS-2 BMP FOR EMF REDUCTION CONFIGURATION.
- DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION VICINITY OF HIGHLAND ROAD (MANSFIELD) TO MANSFIELD HOLLOW STATE PARK			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-2
P.A. #			

Interstate Reliability Project
Mansfield Hollow State Park to Bassetts Bridge Road in the Town of Mansfield
Transmission Rights-of-Way
Typical Cross Section XS-3

The existing 345-kV line will remain and a new a new delta-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



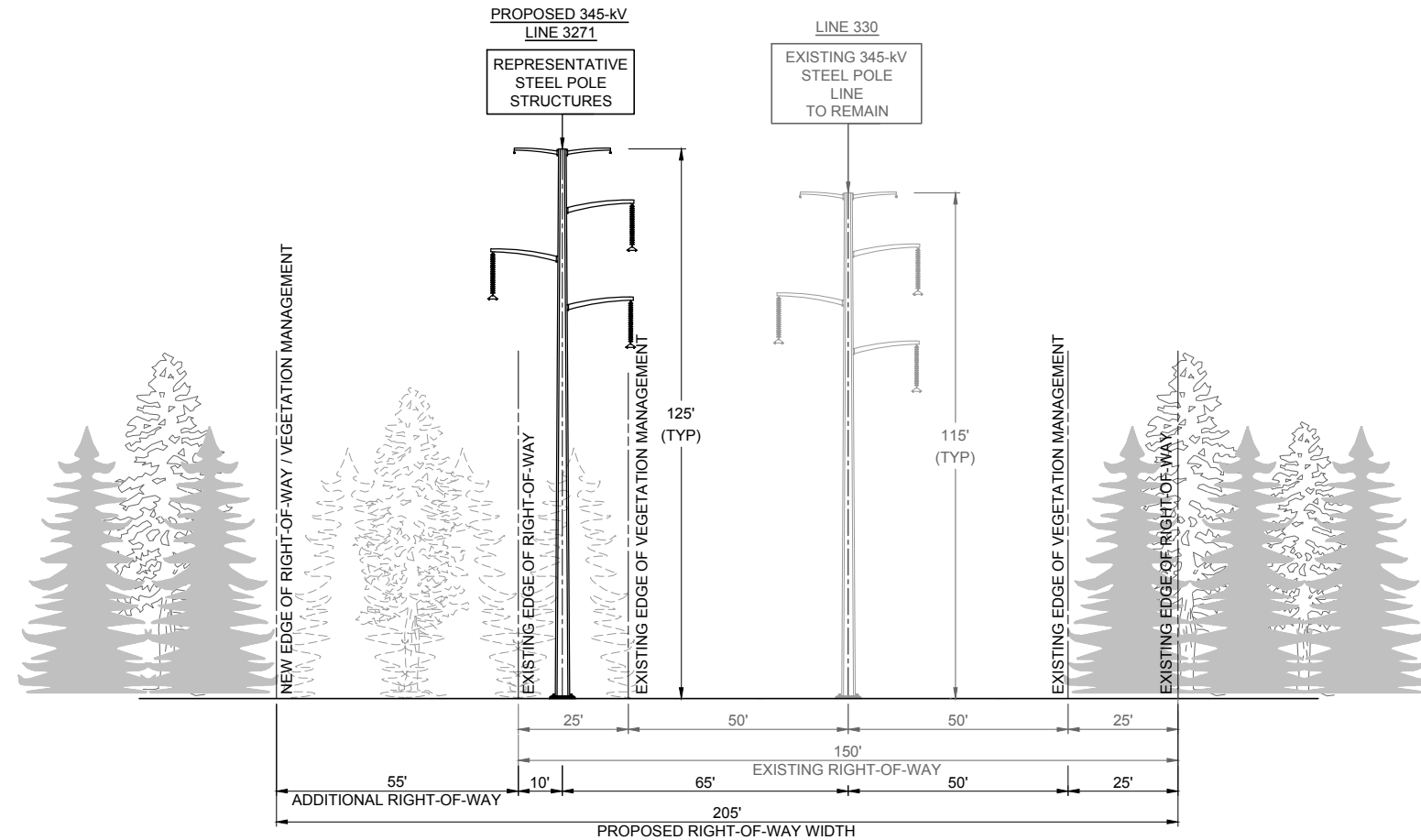
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking east in Mansfield Hollow State Park, located south of Bassetts Bridge Road.

Preliminary design of electric transmission line structures looking east in Mansfield Hollow State Park, located south of Bassetts Bridge Road.

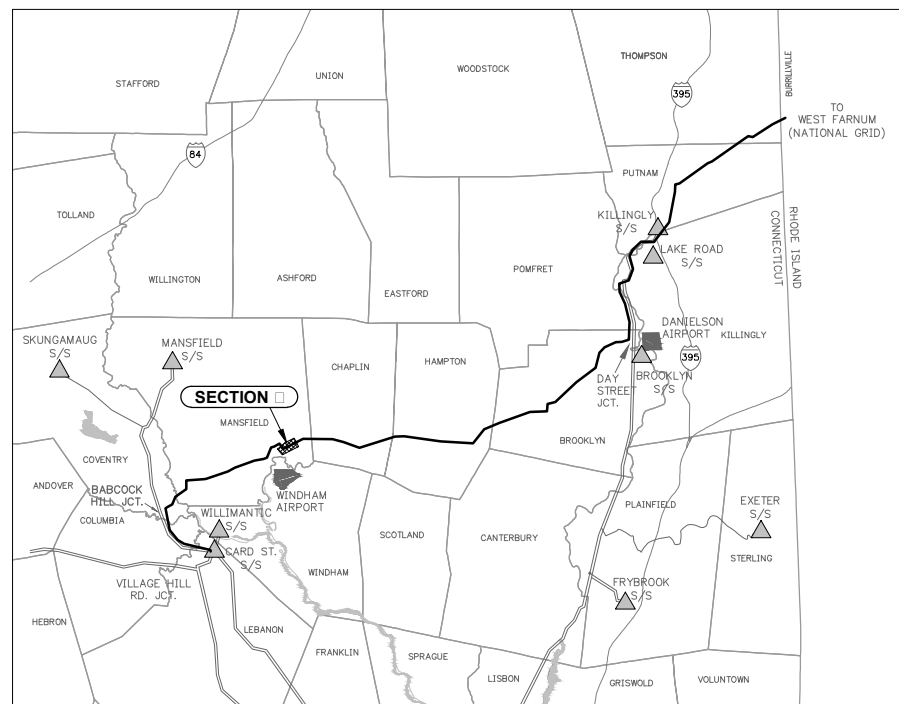
NOTE: See Drawing XS-3 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



**PROPOSED CONFIGURATION
DELTA STEEL POLE DESIGN**

USACE PROPERTIES, SEGMENT 1
MANSFIELD HOLLOW STATE PARK
TO
BASSETTS BRIDGE ROAD
IN THE TOWN OF
MANSFIELD
EXISTING STRUCTURES 9081-9086
LOOKING
NORTHEASTERLY
(1.0 MILE)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



KEY MAP
NOT TO SCALE

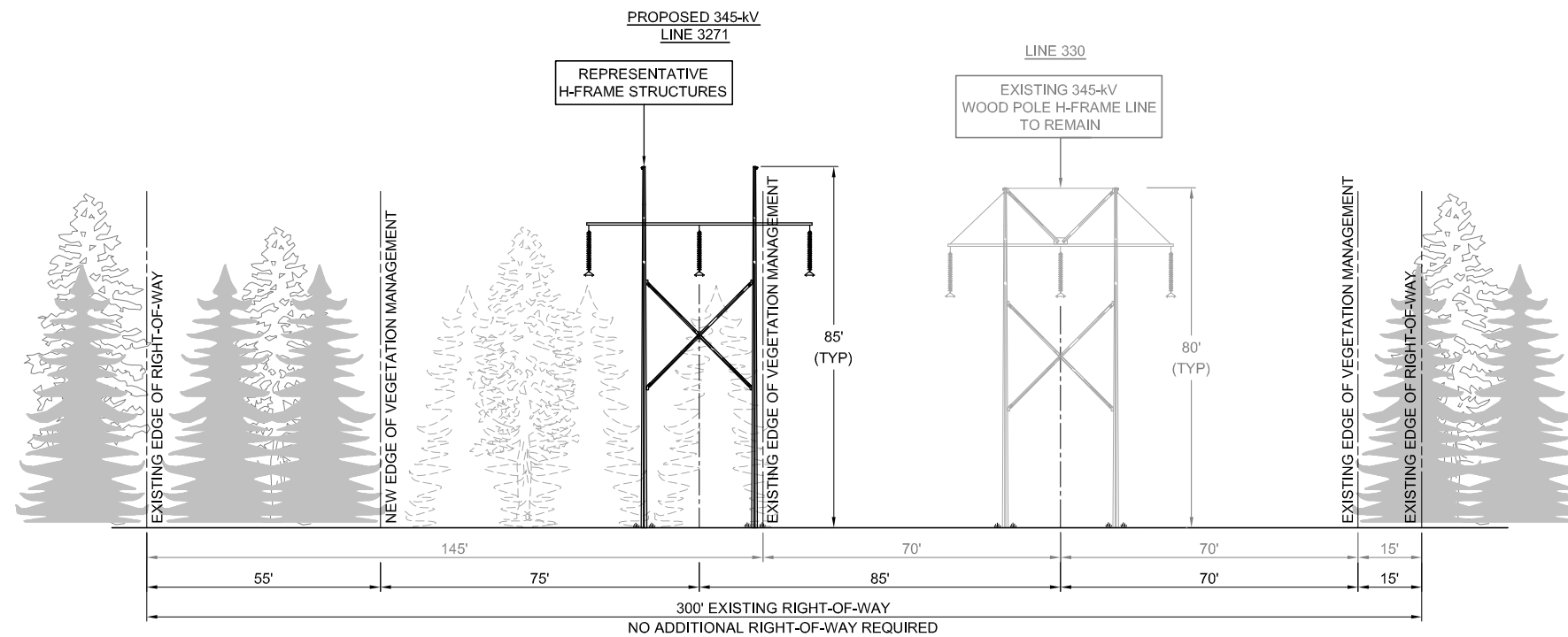
NOTES:

1. EXISTING LINE TO REMAIN.
2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
3. LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
4. STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
5. EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
6. WITHIN THIS EXPANDED 55-FOOT-WIDE R.O.W., ALL TALL-GROWING VEGETATION WOULD BE REMOVED DURING CONSTRUCTION. THIS AREA WOULD SUBSEQUENTLY BE MANAGED IN LOW-MATURING VEGETATION.
7. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
8. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION MANSFIELD HOLLOW STATE PARK TO BASSETTS BRIDGE ROAD			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 09/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-3
P.A. #			

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**PROPOSED CONFIGURATION
H-FRAME DESIGN**

**BASSETTS BRIDGE ROAD
TO
SHUBA LANE**

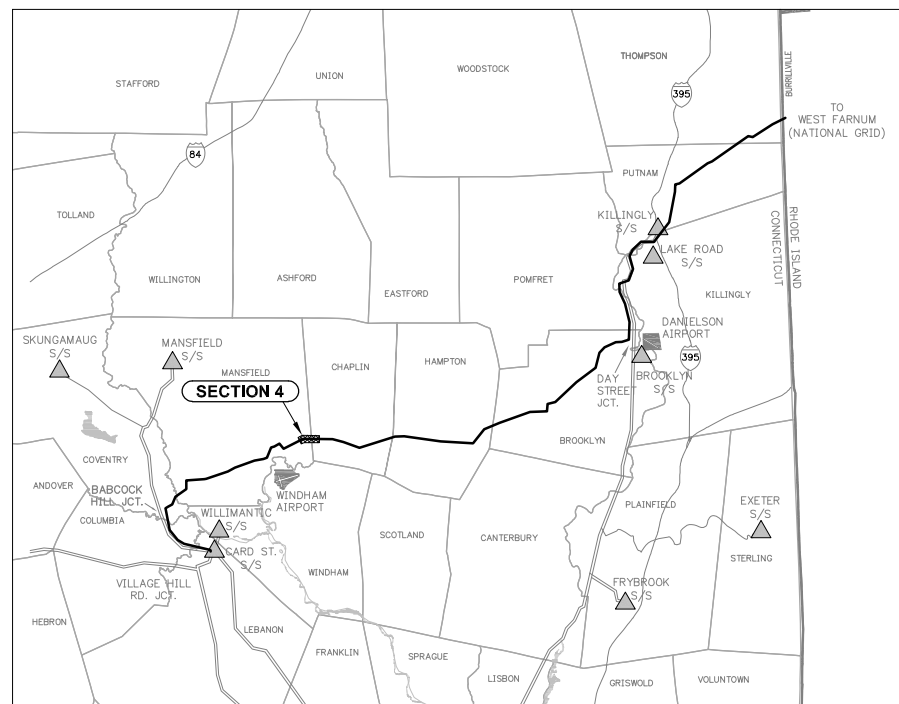
**IN THE TOWNS OF
MANSFIELD & CHAPLIN**

EXISTING STRUCTURES 9087-9094

**LOOKING
EAST**

(0.8 MILE)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



NOTES:

- EXISTING LINE TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
- STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
- EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
- DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION BASSETTS BRIDGE ROAD TO SHUBA LANE			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-4
P.A. #			

Interstate Reliability Project
Vicinity of Shuba Lane through Mansfield Hollow Wildlife Management Area to Vicinity of Willimantic Road in the Town of Chaplin
Transmission Rights-of-Way
Typical Cross Section XS-5

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



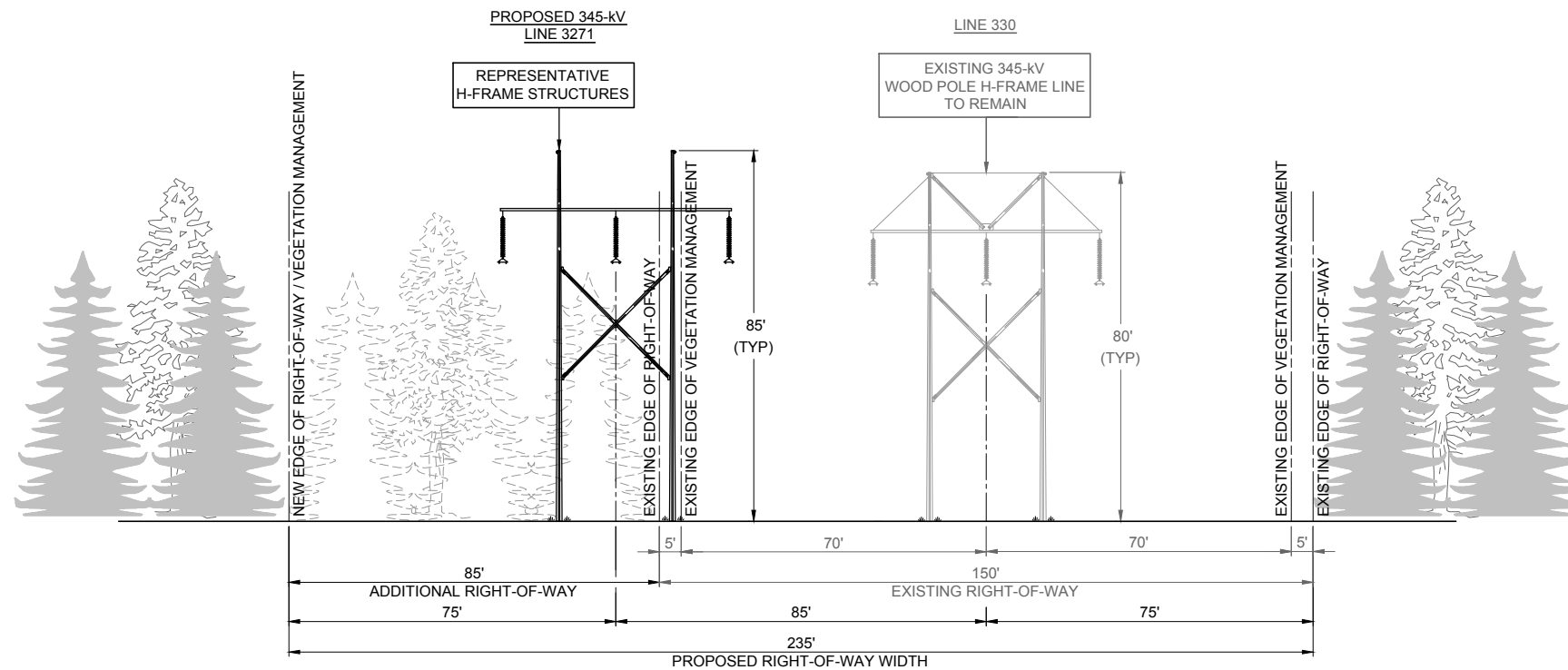
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking east, located east of Bedlam Road and west of Willimantic Road.

Preliminary design of electric transmission line structures looking east, located east of Bedlam Road and west of Willimantic Road.

NOTE: See Drawing XS-5 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



**PROPOSED CONFIGURATION
H-FRAME DESIGN**

USACE PROPERTIES, SEGMENT 2

VICINITY OF SHUBA LANE THROUGH MANSFIELD HOLLOW WILDLIFE MANAGEMENT AREA (WMA)
TO
VICINITY OF WILLIMANTIC ROAD (U.S. ROUTE 6)

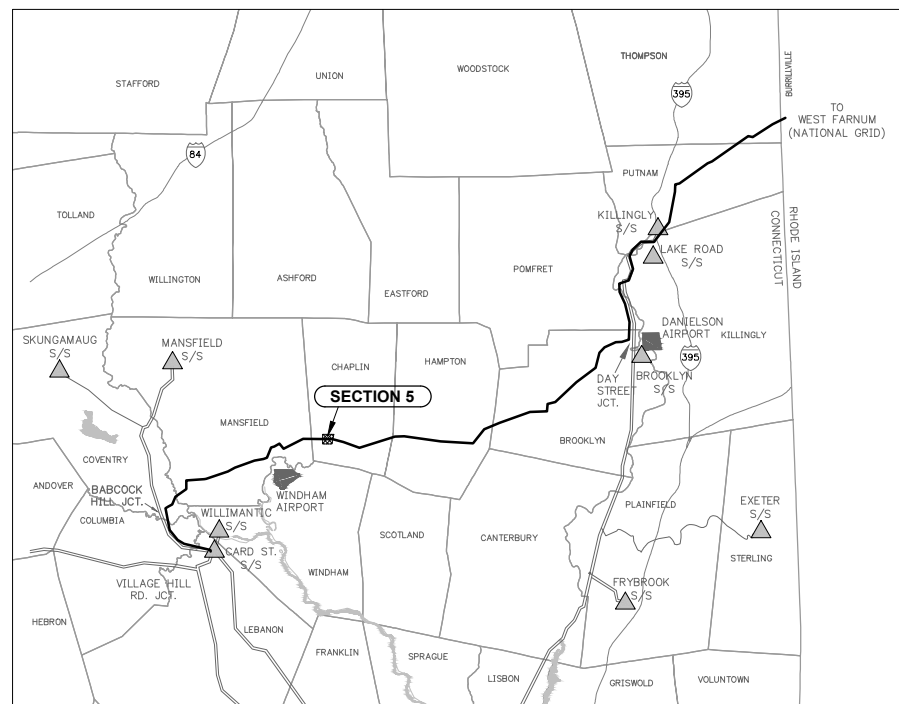
IN THE TOWN OF
CHAPLIN

EXISTING STRUCTURES 9095-9099

LOOKING
EAST

(0.5 MILE)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



**KEY MAP
NOT TO SCALE**

NOTES:

1. EXISTING LINE TO REMAIN.
2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
3. LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
4. STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
5. EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
6. WITHIN THIS EXPANDED 85-FOOT-WIDE R.O.W., ALL TALL-GROWING VEGETATION WOULD BE REMOVED DURING CONSTRUCTION. THIS AREA WOULD SUBSEQUENTLY BE MANAGED IN LOW-MATURING VEGETATION.
7. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
8. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION VICINITY OF SHUBA LANE THROUGH MANSFIELD HOLLOW WMA TO VICINITY OF WILLIMANTIC ROAD			
BY	D. LAURSEN	CHKD	S. CASTEEL
DATE	09/11	APP	APP
SCALE	NONE	DATE	DATE
P.A. #		DWG. NO.	XS-5

Interstate Reliability Project
Willimantic Road to Day Street Junction in the Town of Hampton
Transmission Rights-of-Way
Typical Cross Section XS-6

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



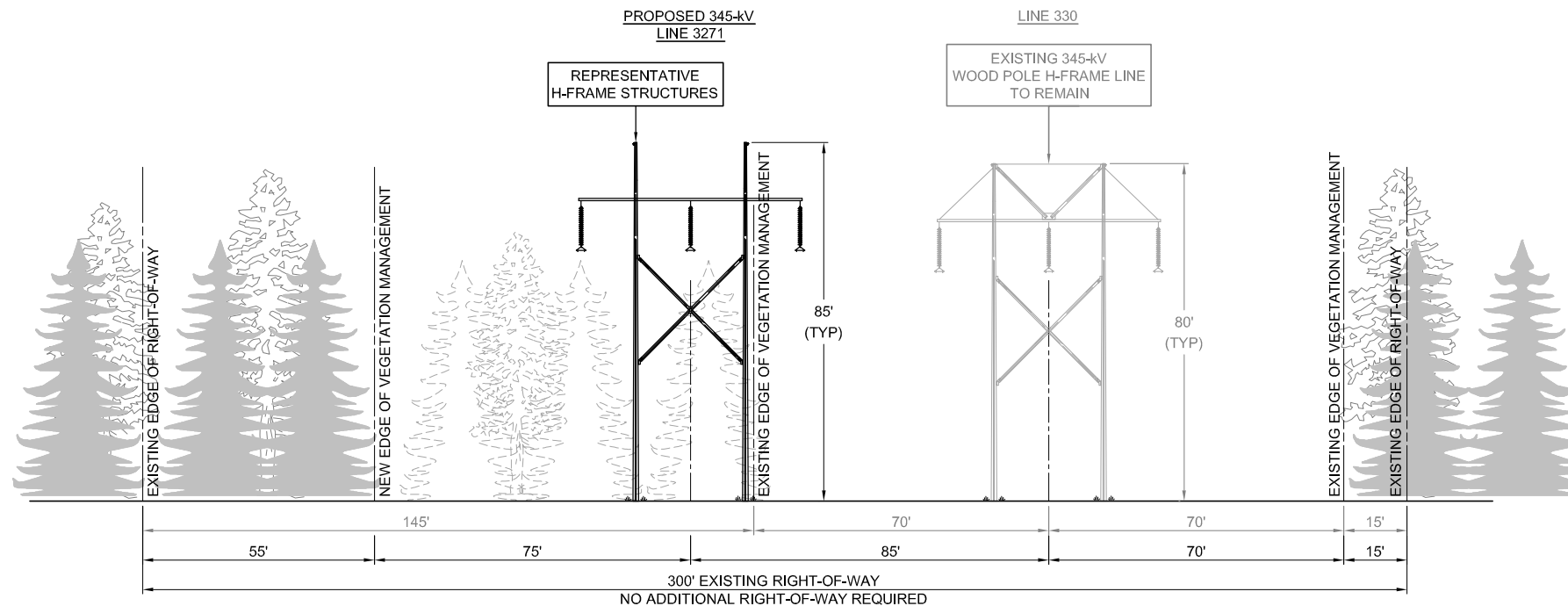
Existing electric transmission line structures looking northeast from Drain Street.

(Simulation of Post-Project View – Leaf-off Condition)



Preliminary design of electric transmission line structures looking northeast from Drain Street.

NOTE: See Drawing XS-6 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



PROPOSED CONFIGURATION
H-FRAME DESIGN

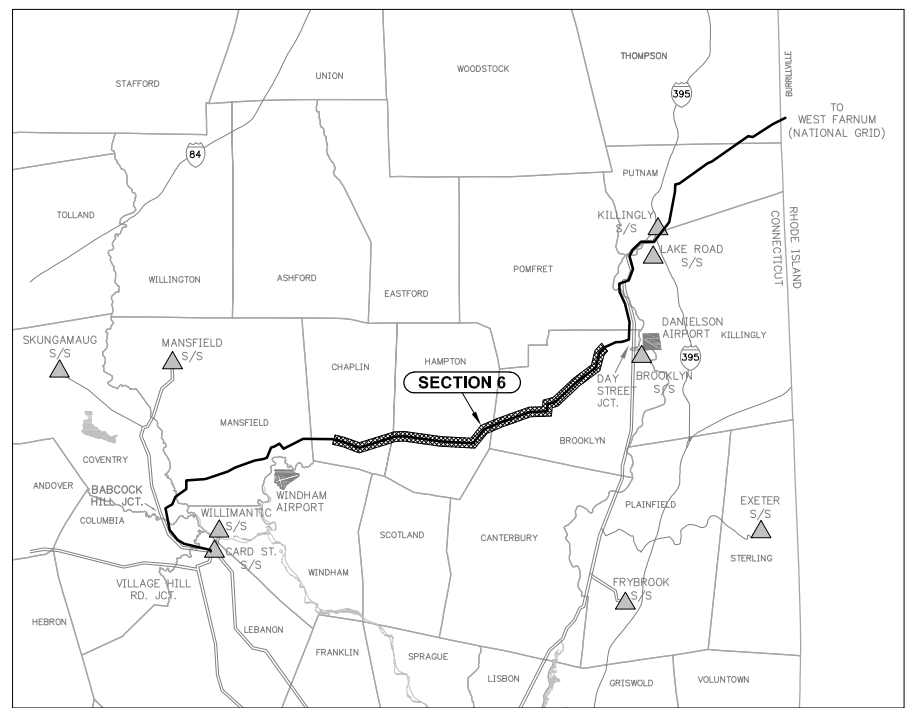
WILLIMANTIC ROAD (U.S. ROUTE 6)
 TO
 VICINITY OF DAY STREET JUNCTION

IN THE TOWNS OF
 CHAPLIN, HAMPTON & BROOKLYN

EXISTING STRUCTURES 9100-9209

LOOKING
 NORTHEASTERLY
 (12.6 MILES)

**PRELIMINARY DESIGN
 SUBJECT TO CHANGE**



KEY MAP
 NOT TO SCALE

- NOTES:**
- EXISTING LINE TO REMAIN.
 - PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 - LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 - STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 - EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
 - AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 - REFER TO XS-6 BMP FOR EMF REDUCTION CONFIGURATION.
 - DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION WILLIMANTIC ROAD TO VICINITY OF DAY STREET JUNCTION			
BY D. LAURSEN	CHKD M. HATFIELD	APP	APP
DATE 07/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-6
P.A. #			

N:\NJUSCO\46187 - Interstate\Cadd\CH\Cross Section Drawings\Cross-Sections.dwg (XS-6) 07-01-2011 13:39 DDL BMMGD

Interstate Reliability Project
Willimantic Road to Day Street Junction in the Town of Brooklyn
Transmission Rights-of-Way
Typical Cross Section XS-6

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)



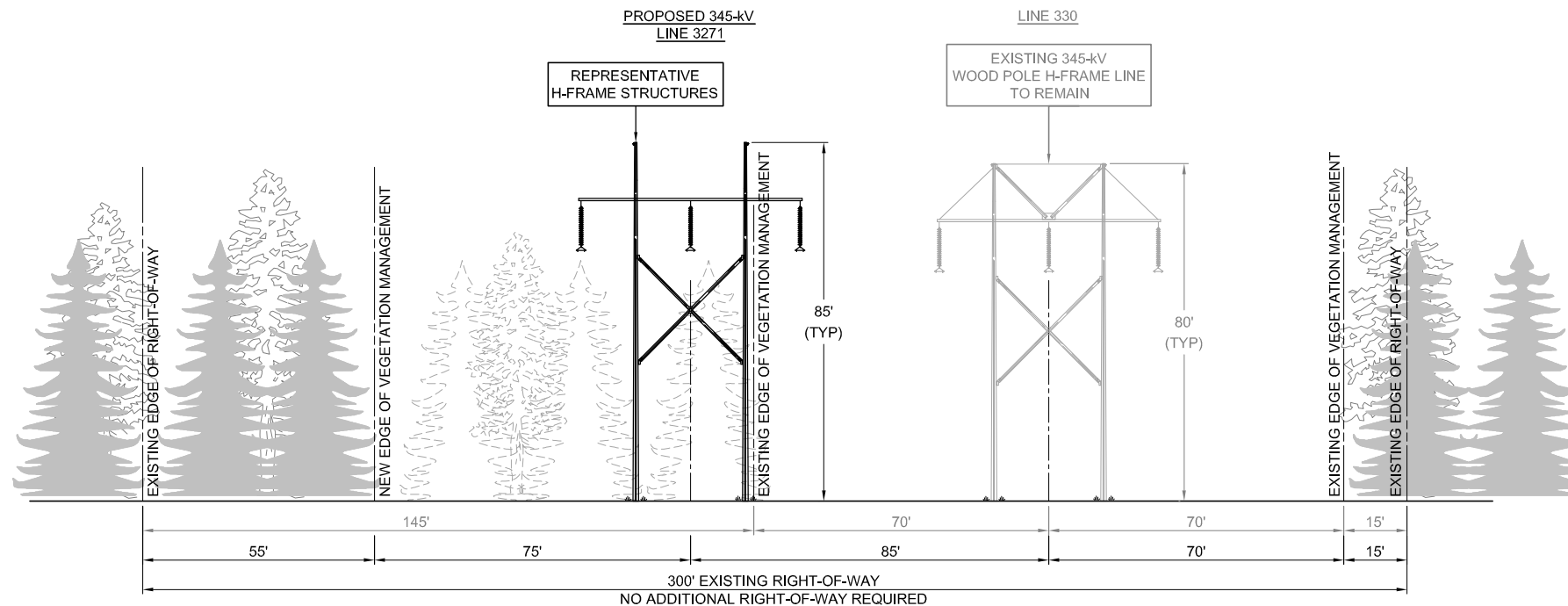
Existing electric transmission line structures looking north from Hartford Road.

(Simulation of Post-Project View – Leaf-off Condition)



Preliminary design of electric transmission line structures looking north from Hartford Road.

NOTE: See Drawing XS-6 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



PROPOSED CONFIGURATION
H-FRAME DESIGN

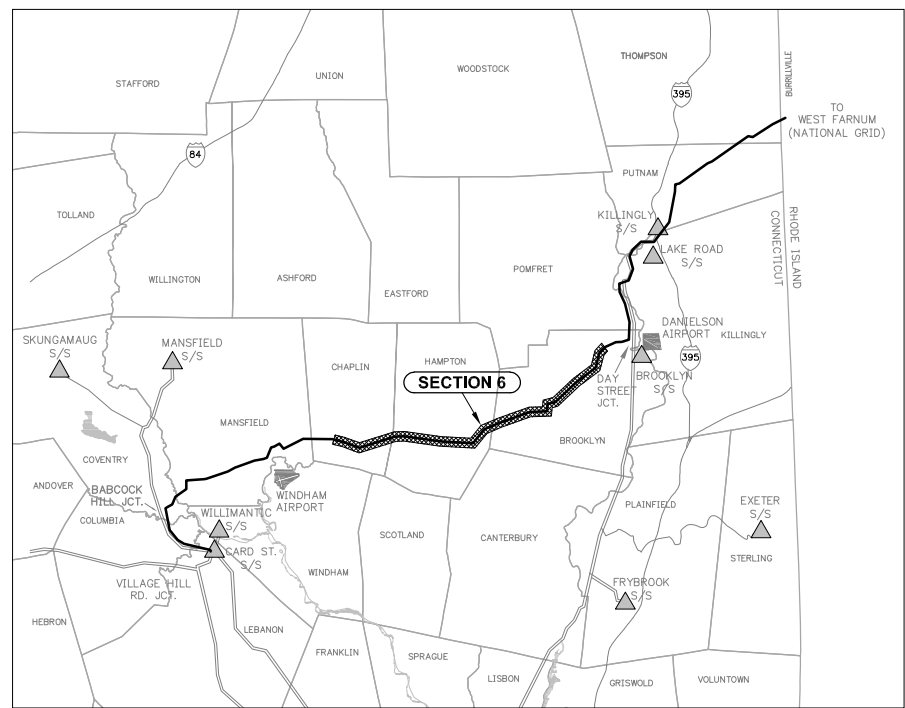
WILLIMANTIC ROAD (U.S. ROUTE 6)
 TO
 VICINITY OF DAY STREET JUNCTION

IN THE TOWNS OF
 CHAPLIN, HAMPTON & BROOKLYN

EXISTING STRUCTURES 9100-9209

LOOKING
 NORTHEASTERLY
 (12.6 MILES)

**PRELIMINARY DESIGN
 SUBJECT TO CHANGE**



KEY MAP
 NOT TO SCALE

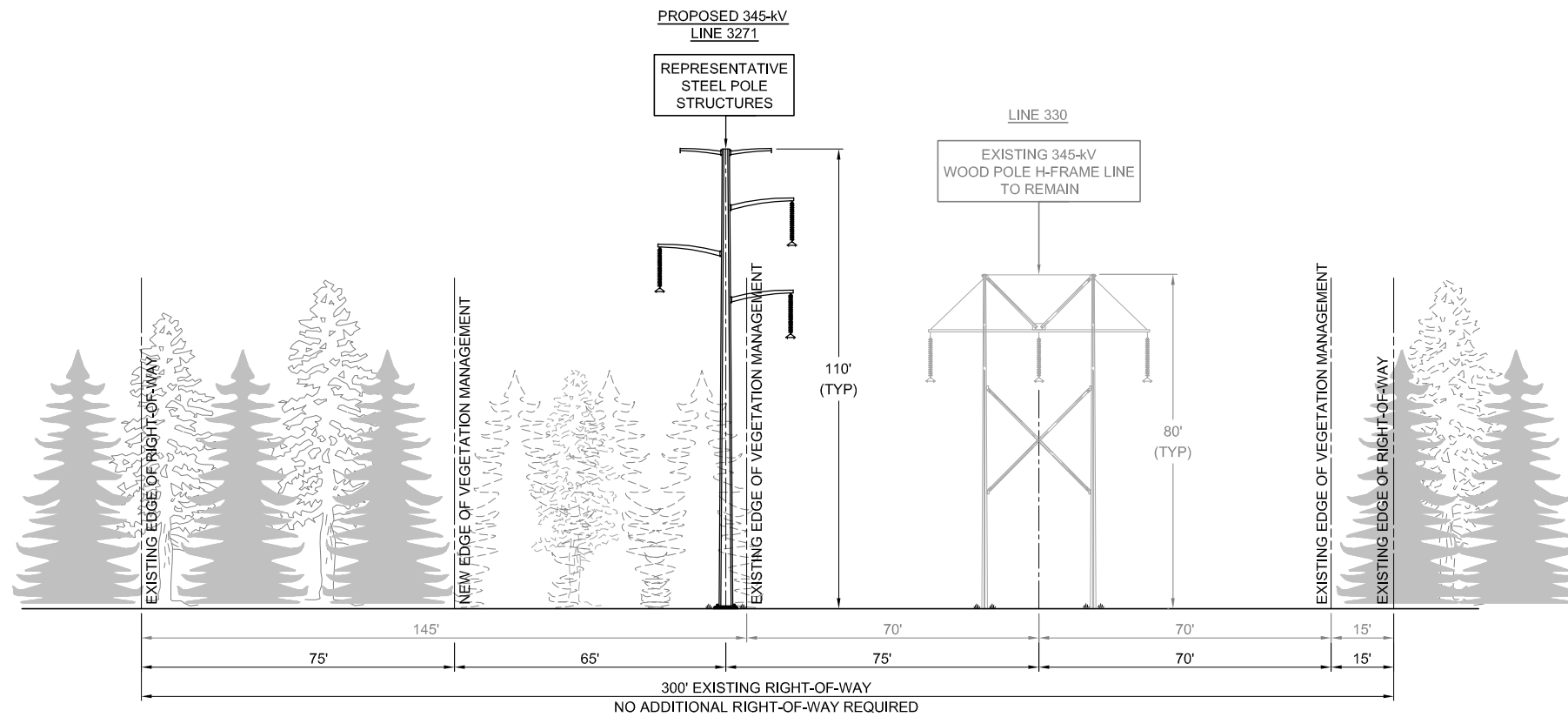
- NOTES:**
1. EXISTING LINE TO REMAIN.
 2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 3. LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 4. STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 5. EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
 6. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 7. REFER TO XS-6 BMP FOR EMF REDUCTION CONFIGURATION.
 8. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION WILLIMANTIC ROAD TO VICINITY OF DAY STREET JUNCTION			
BY D. LAURSEN	CHKD M. HATFIELD	APP	APP
DATE 07/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-6
P.A. #			

N:\NJUSCO\46187 - Interstate\Cadd\CH\Cross Section Drawings\Cross-Sections.dwg (XS-6) 07-01-2011 13:39 DDL BMMGD

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**PROPOSED CONFIGURATION
DELTA STEEL POLE DESIGN**

**EMF BMP - FOCUS AREA D
(VICINITY OF DAY STREET JUNCTION)**

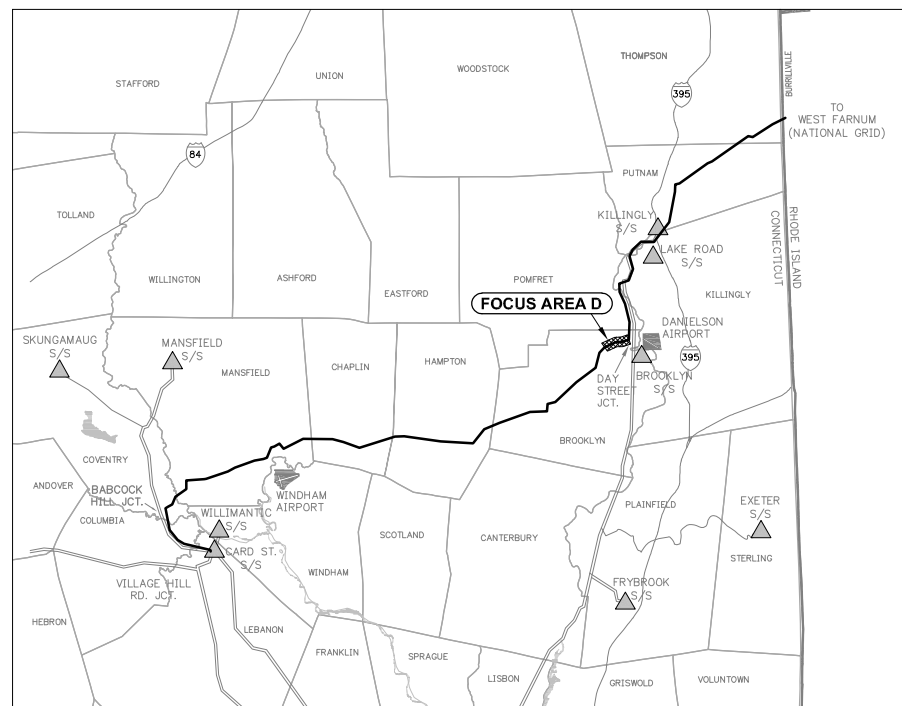
**IN THE TOWN OF
BROOKLYN**

EXISTING STRUCTURES 9210-9219

**LOOKING
NORTHEASTERLY**

(1.0 MILE)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



**KEY MAP
NOT TO SCALE**

NOTES:

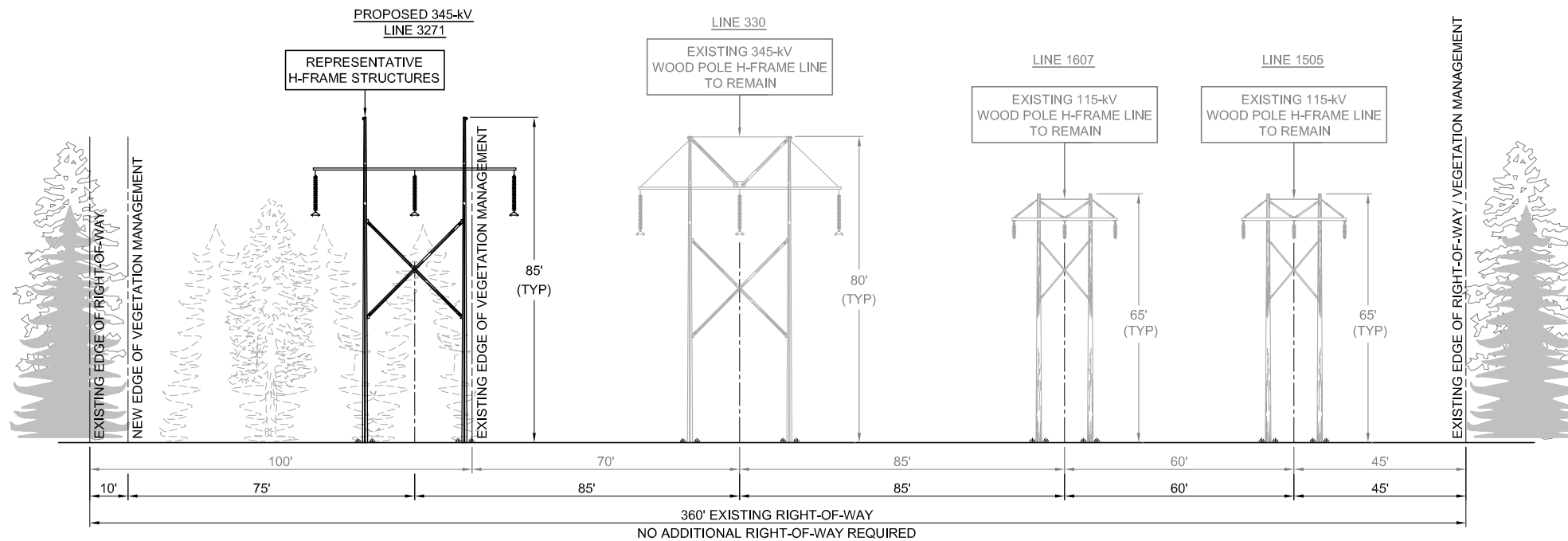
1. EXISTING LINE TO REMAIN.
2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
3. LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
4. STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
5. EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
6. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
7. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION EMF BMP - FOCUS AREA D (VICINITY OF DAY STREET JUNCTION)			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-6 BMP
P.A. #			

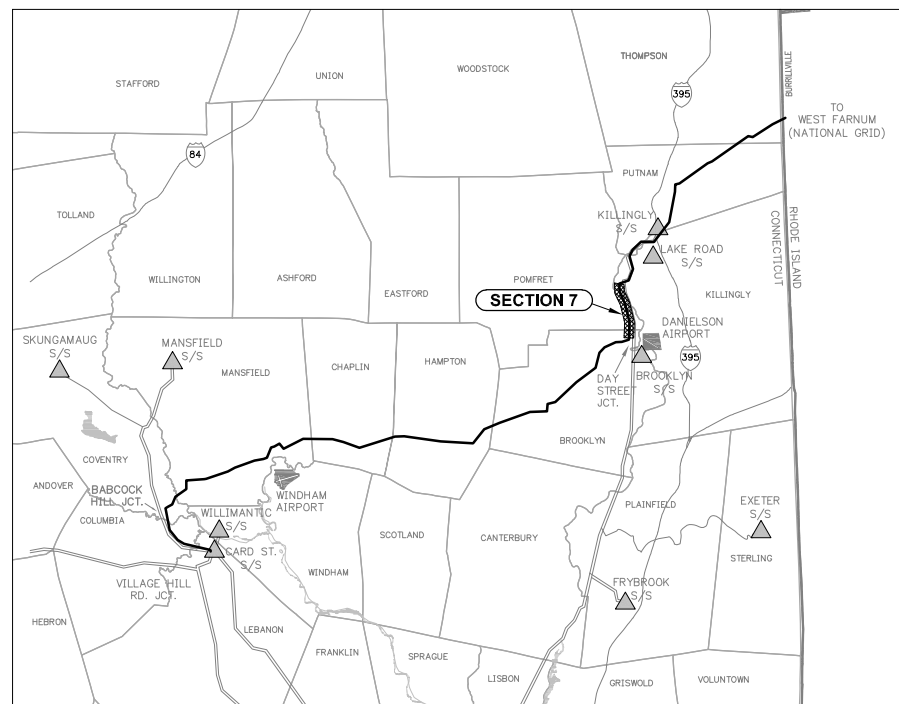
N:\NJUSCO\46187 - Interstate\Cadd\04\Cross Section Drawings\Cross-Sections.dwg (XS-6 BMP) 05-24-2011 16:49 DDL BMMGD

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PROPOSED CONFIGURATION
H-FRAME DESIGN
DAY STREET JUNCTION
TO
HARTFORD TURNPIKE
IN THE TOWNS OF BROOKLYN,
POMFRET & KILLINGLY
EXISTING STRUCTURES 9220-9240
LOOKING
NORTH
(2.3 MILES)

PRELIMINARY DESIGN
SUBJECT TO CHANGE



- NOTES:**
- EXISTING LINES TO REMAIN.
 - PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 - LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 - STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 - EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
 - AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 - DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION DAY STREET JUNCTION TO HARTFORD TURNPIKE			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-7
P.A. #			

Interstate Reliability Project
Hartford Turnpike to the Lake Road Junction in the Town of Killingly
Transmission Rights-of-Way
Typical Cross Section XS-8

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)

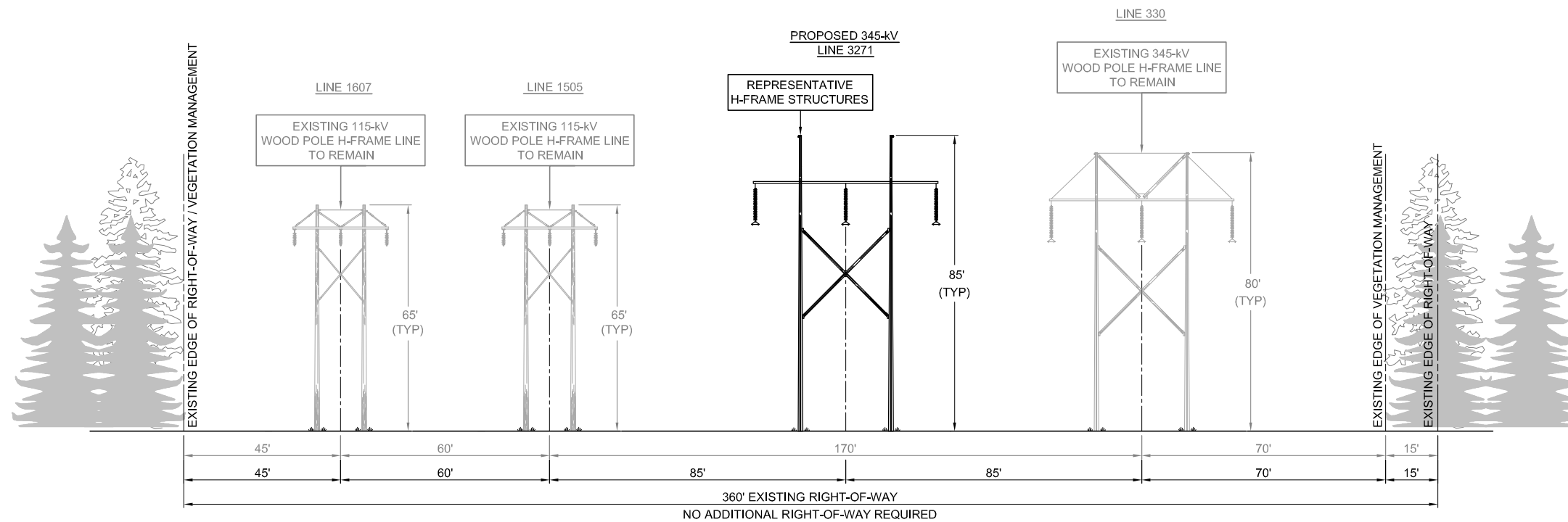
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking southwest from Lake Road.

Preliminary design of electric transmission line structures looking southwest from Lake Road.

NOTE: See Drawing XS-8 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



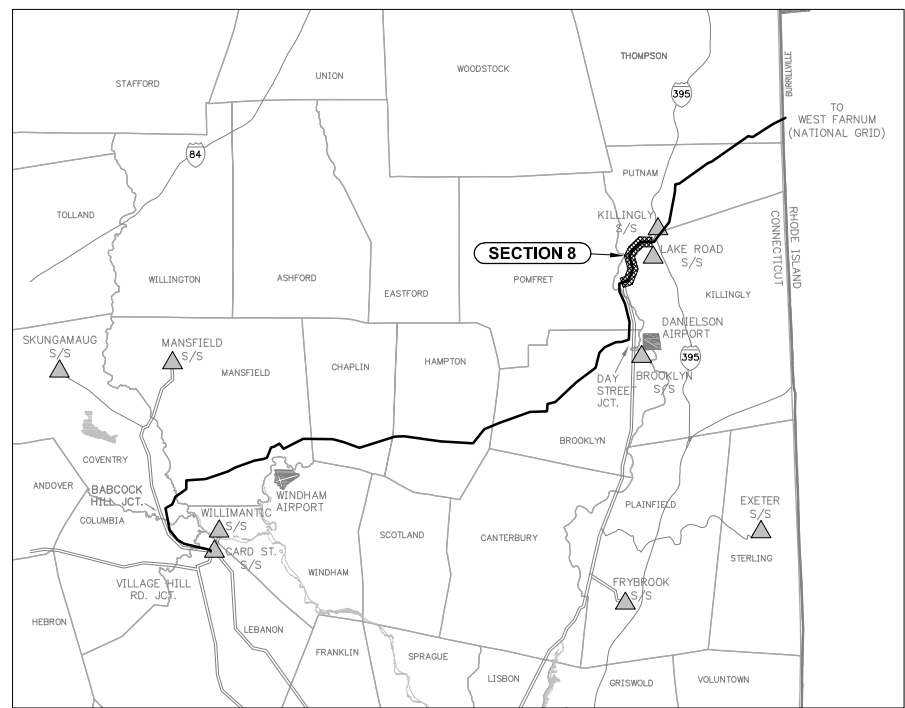
**PROPOSED CONFIGURATION
H-FRAME DESIGN**

HARTFORD TURNPIKE
TO
LAKE ROAD JUNCTION
IN THE TOWNS OF
KILLINGLY & PUTNAM

EXISTING STRUCTURES 9241-9262

LOOKING
NORTHEASTERLY
(2.6 MILES)

**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



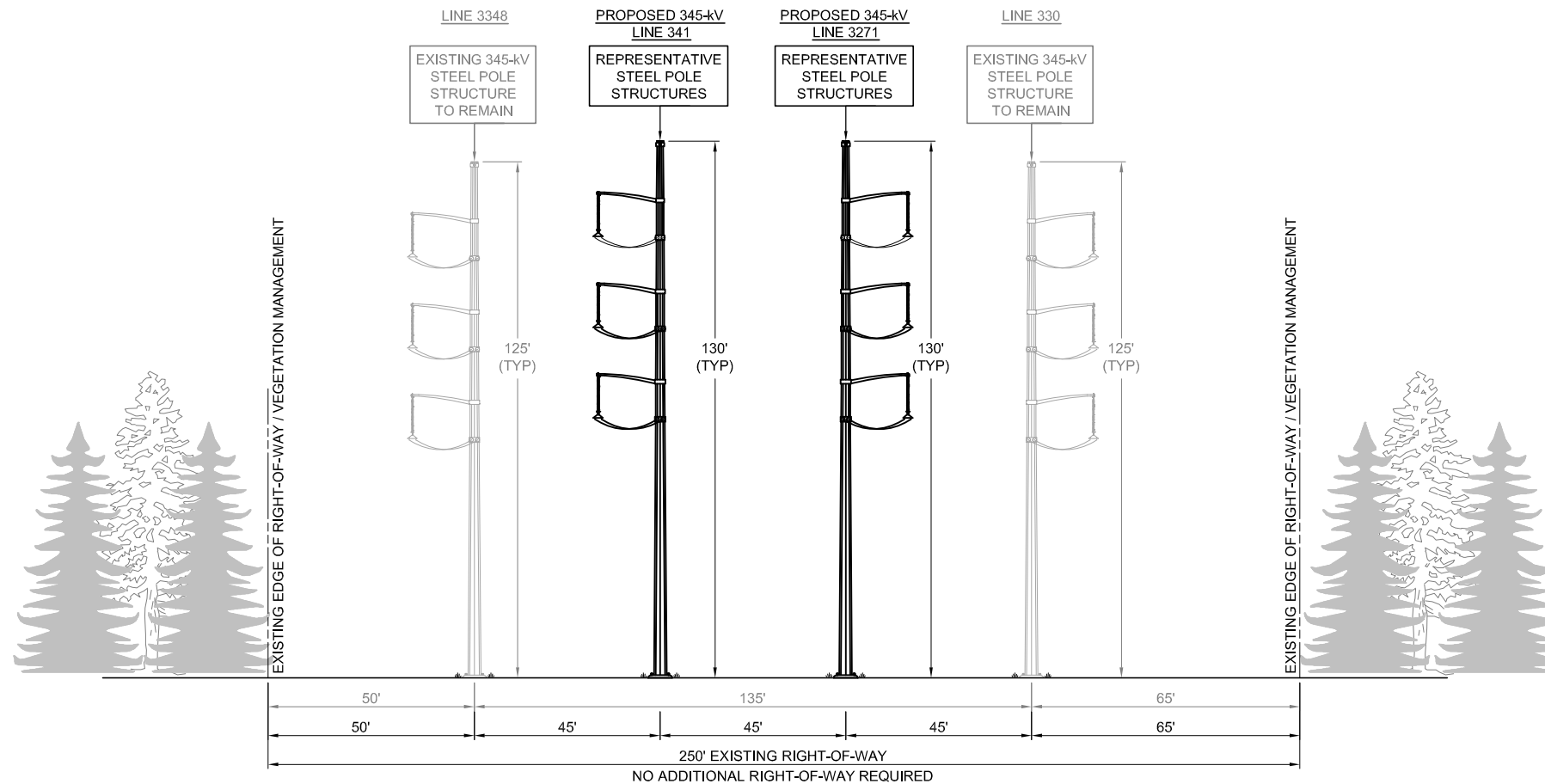
- NOTES:**
- EXISTING LINES TO REMAIN.
 - PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 - LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 - STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 - EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
 - AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 - DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION HARTFORD TURNPIKE TO LAKE ROAD JUNCTION			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-8
P.A. #			

N:\NUSCO\46187 - Interstate\Cadd\CH\Cross Section Drawings\Cross-Sections.dwg (XS-8) 05-24-2011 16:49 DDL BMM/d

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PROPOSED CONFIGURATION
VERTICAL STEEL POLE DESIGN

LAKE ROAD JUNCTION
TO
LAKE ROAD SWITCHING STATION

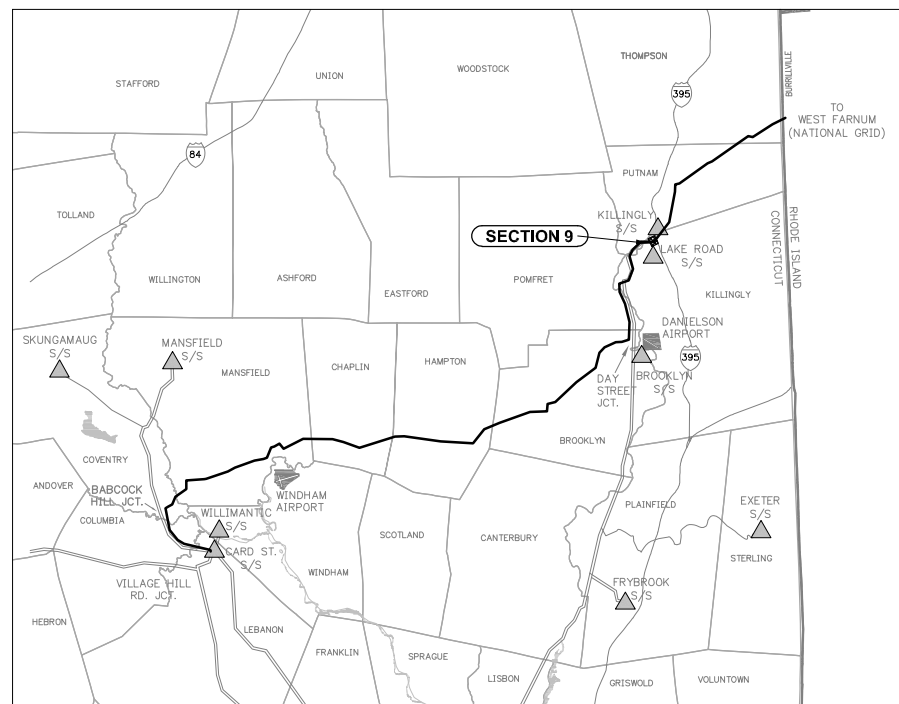
IN THE TOWN OF KILLINGLY

EXISTING STRUCTURES 9263-9264

LOOKING
SOUTH

(0.2 MILE)

PRELIMINARY DESIGN
SUBJECT TO CHANGE



KEY MAP
NOT TO SCALE

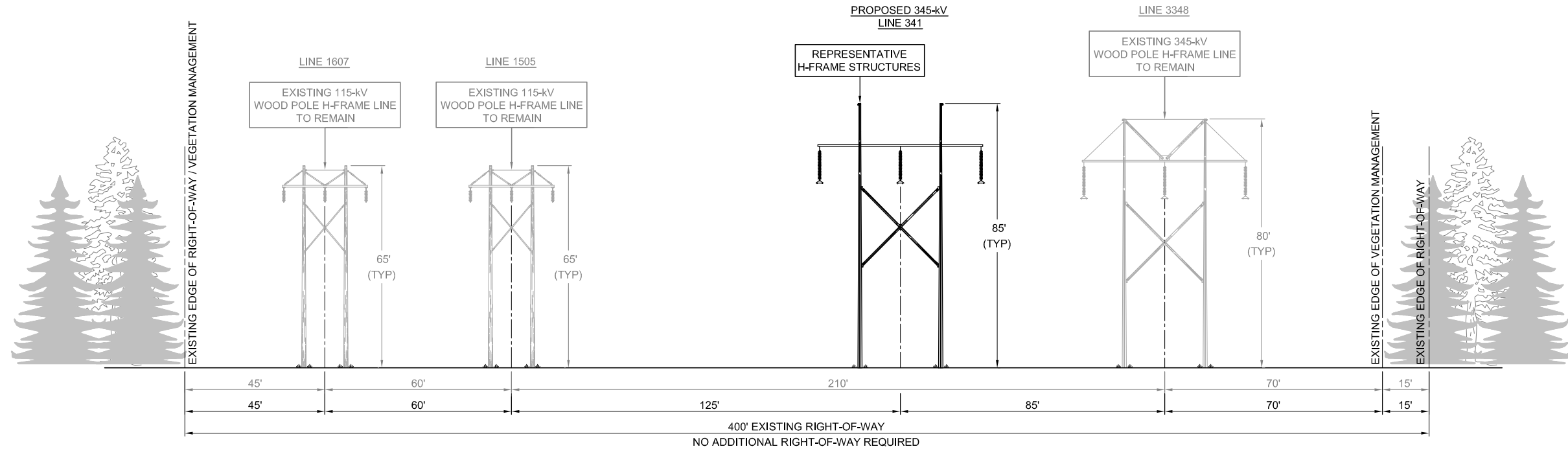
NOTES:

- EXISTING LINES TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
- STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
- EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION LAKE ROAD JUNCTION TO LAKE ROAD SWITCHING STATION			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-9
P.A. #			

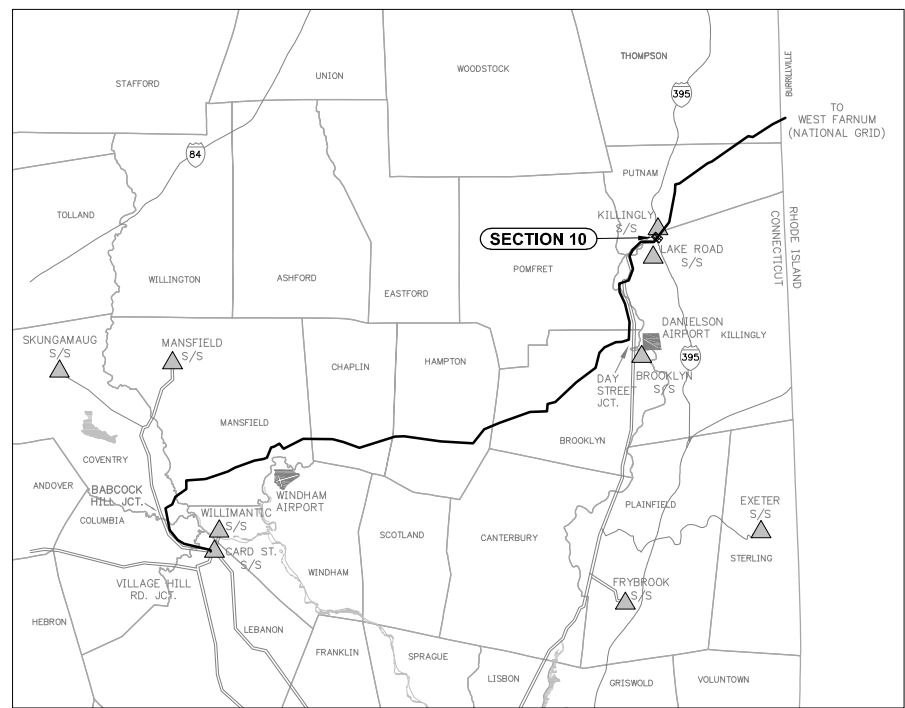
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PROPOSED CONFIGURATION
H-FRAME DESIGN
 LAKE ROAD JUNCTION
 TO
 KILLINGLY SUBSTATION
 IN THE TOWN OF
 KILLINGLY

EXISTING STRUCTURES 9265-9267
 LOOKING
 NORTHEASTERLY
 (0.7 MILE)

**PRELIMINARY DESIGN
 SUBJECT TO CHANGE**



KEY MAP
 NOT TO SCALE

- NOTES:**
- EXISTING LINES TO REMAIN.
 - PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 - LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 - STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 - EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
 - AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 - DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.
 - VEGETATION WITHIN R.O.W. BETWEEN THE EXISTING 3348 LINE AND THE EXISTING 1505 LINE WILL BE REMOVED.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION LAKE ROAD JUNCTION TO KILLINGLY SUBSTATION			
BY D. LAURSEN	CHKD M. HATFIELD	APP	APP
DATE 07/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-10
P.A. #			

N:\NJUSCO\46187 - Interstate\Cadd\CH\Cross Section Drawings\Cross-Sections.dwg (XS-10) 07-01-2011 13:37 DDL BMMGD

Interstate Reliability Project
Killingly Substation to Heritage Road in the Town of Putnam
Transmission Rights-of-Way
Typical Cross Section XS-11

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)

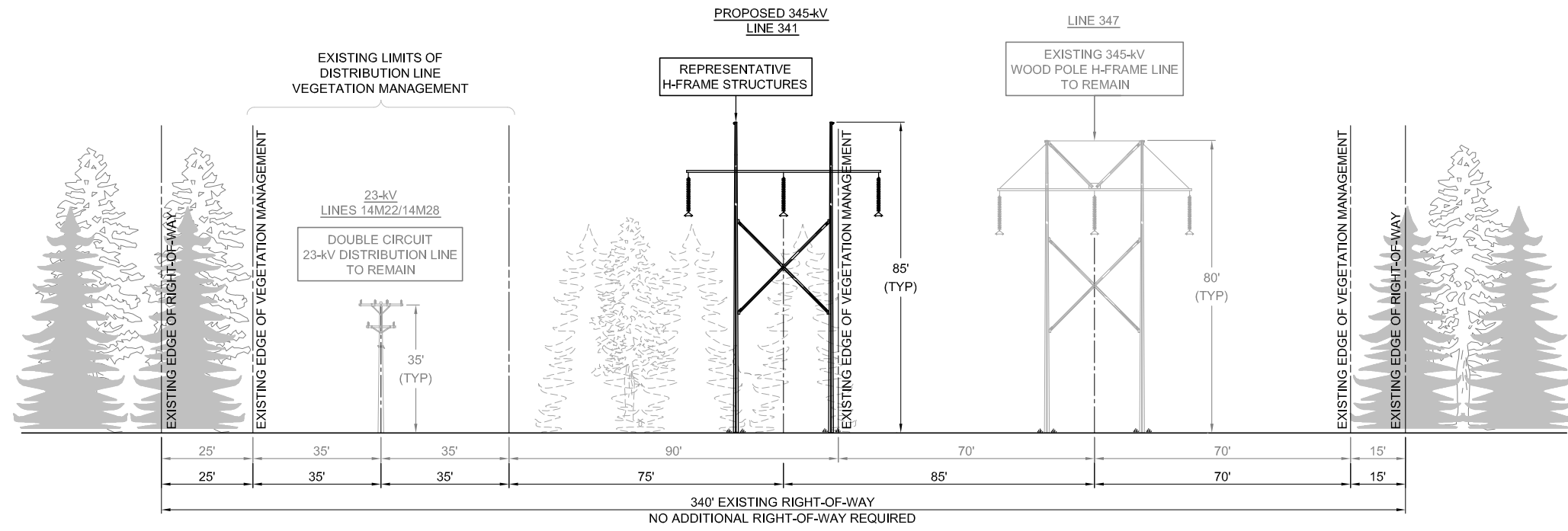
(Simulation of Post-Project View – Leaf-off Condition)



Existing electric transmission line structures looking north from Killingly Avenue.

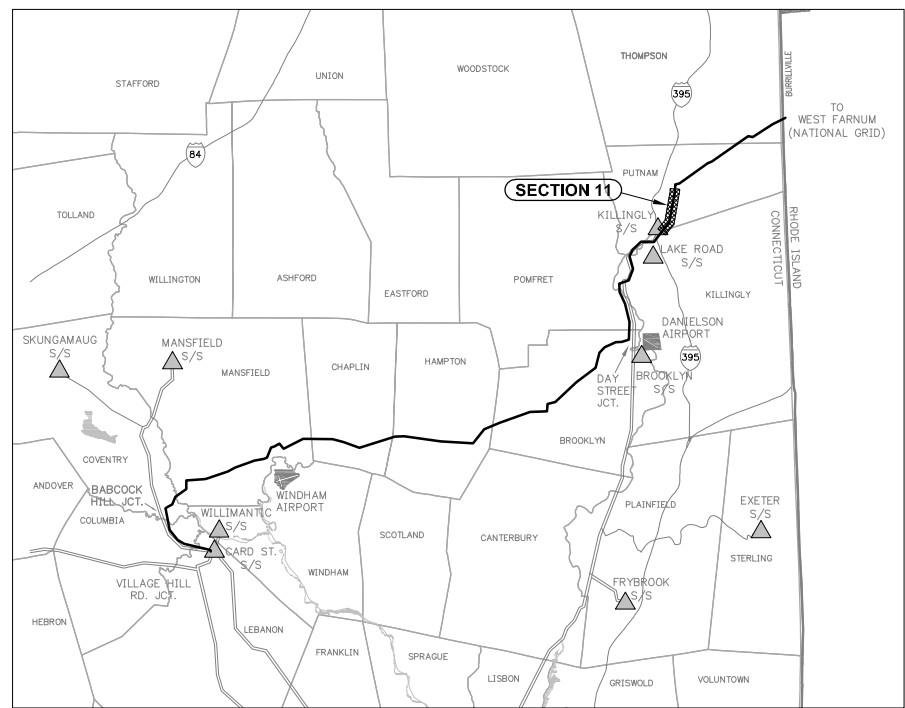
Preliminary design of electric transmission line structures looking north from Killingly Avenue.

NOTE: See Drawing XS-11 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.



PROPOSED CONFIGURATION
H-FRAME DESIGN
 KILLINGLY SUBSTATION
 TO
 HERITAGE ROAD
 IN THE TOWNS OF
 KILLINGLY & PUTNAM
 EXISTING STRUCTURES 9268-9285
 LOOKING
 NORTHEASTERLY
 (1.7 MILES)

**PRELIMINARY DESIGN
 SUBJECT TO CHANGE**



KEY MAP
 NOT TO SCALE

- NOTES:**
- EXISTING LINES TO REMAIN.
 - PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 - LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 - STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 - EXISTING VEGETATION MANAGEMENT DIMENSIONS ARE TYPICAL.
 - AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 - VEGETATION WITHIN R.O.W. BETWEEN THE EXISTING 347 LINE AND THE 23-kV DISTRIBUTION LINE WILL BE REMOVED.
 - DISTRIBUTION LINE LOCATION WITHIN R.O.W. VARIES. TWO DISTRIBUTION STRUCTURES WILL NEED TO BE RELOCATED ADJACENT TO EXISTING STRUCTURE 9285 AT HERITAGE ROAD.
 - DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION KILLINGLY SUBSTATION TO HERITAGE ROAD			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-11
P.A. #			

N:\JUSCO\46187 - Interstate\Cadd\CH\Cross Section Drawings\Cross-Sections.dwg (XS-11) 05-24-2011 16:49 BDL BMMGD

Interstate Reliability Project
Heritage Road to the Connecticut/Rhode Island State Border (Excluding Elvira Heights) in the Town of Thompson
Transmission Rights-of-Way
Typical Cross Section XS-12

The existing 345-kV line will remain and a new horizontally-configured 345-kV line will be installed.

(Existing View – Leaf-off Condition)

(Simulation of Post-Project View – Leaf-off Condition)

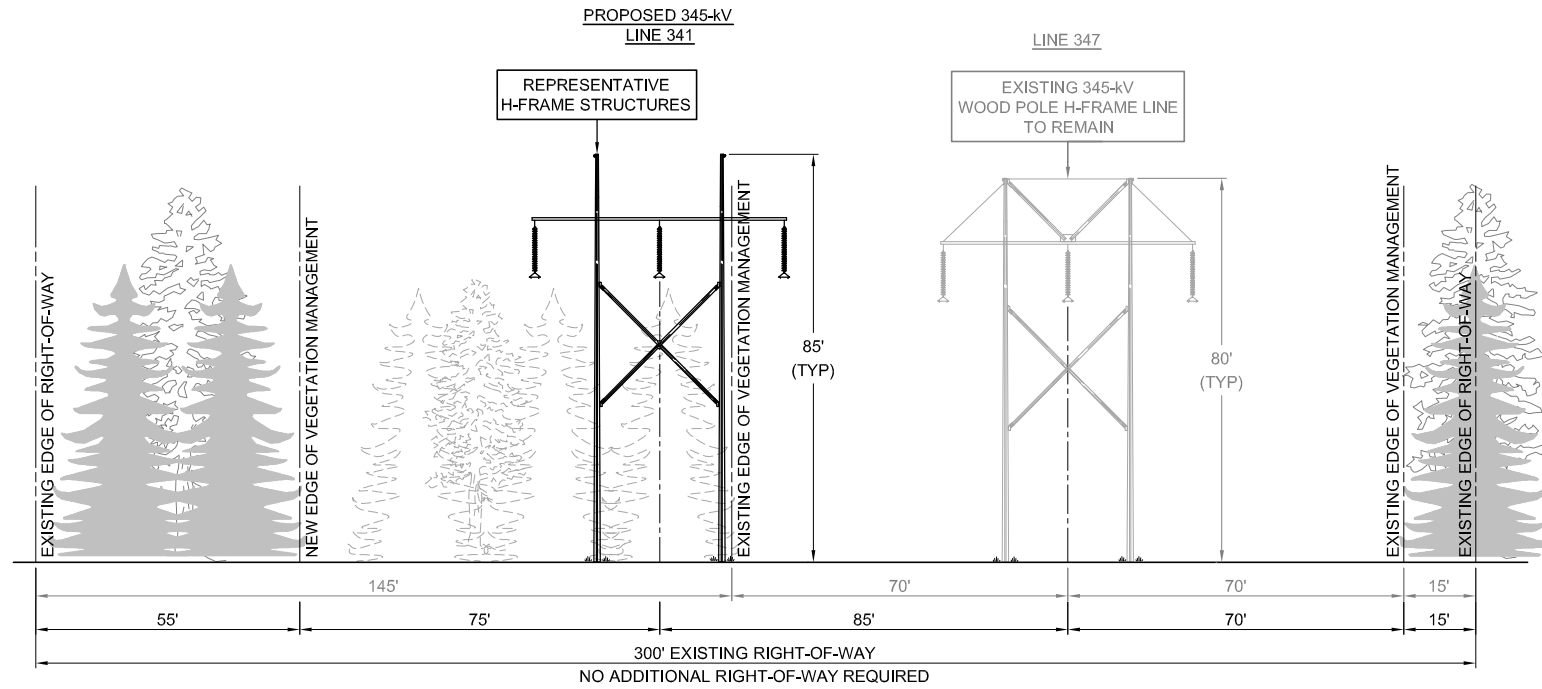


Existing electric transmission line structures looking west from Quaddick Town Farm Road.

Preliminary design of electric transmission line structures looking west from Quaddick Town Farm Road.

NOTE: See Drawing XS-12 for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.

N:\NJUSCO\46187 - Interstate\Cadd\CH\Cross Section Drawings\Cross-Sections.dwg (XS-12) 07-01-2011 11:52 DDL BMMGD



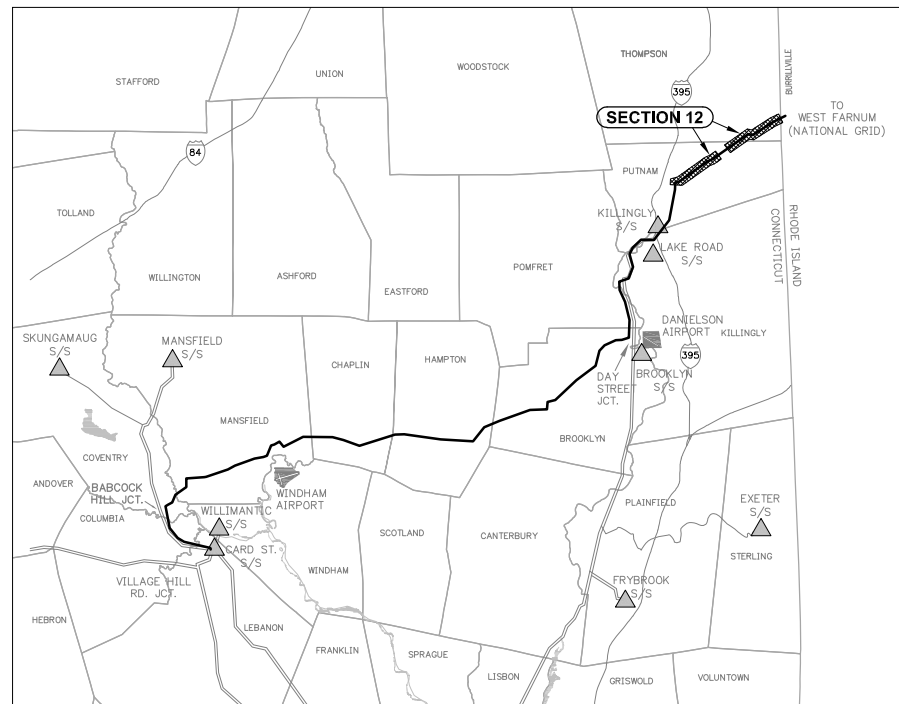
PROPOSED CONFIGURATION
H-FRAME DESIGN
HERITAGE ROAD
TO
CONNECTICUT / RHODE ISLAND STATE BORDER
(EXCLUDING ELVIRA HEIGHTS)

IN THE TOWNS OF
 PUTNAM & THOMPSON

EXISTING STRUCTURES 9286-9304
 AND
 EXISTING STRUCTURES 9311-9333

LOOKING
 NORTHEASTERLY
 (4.5 MILES)

PRELIMINARY DESIGN
SUBJECT TO CHANGE



KEY MAP
 NOT TO SCALE

NOTES:

1. EXISTING LINE TO REMAIN.
2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
3. LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
4. STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
5. EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
6. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
7. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION HERITAGE ROAD TO CONNECTICUT/RHODE ISLAND STATE BORDER (EXCLUDING ELVIRA HEIGHTS)			
BY D. LAURSEN	CHKD S. CASTEEL	APP	APP
DATE 05/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-12
P.A. #			

Interstate Reliability Project
Elvira Heights in the Town of Putnam
Transmission Rights-of-Way
Typical Cross Section XS-12 BMP

The existing 345-kV line will be removed and two new delta-configured 345-kV lines will be installed.

(Existing View – Leaf-off Condition)



(Simulation of Post-Project View – Leaf-off Condition)

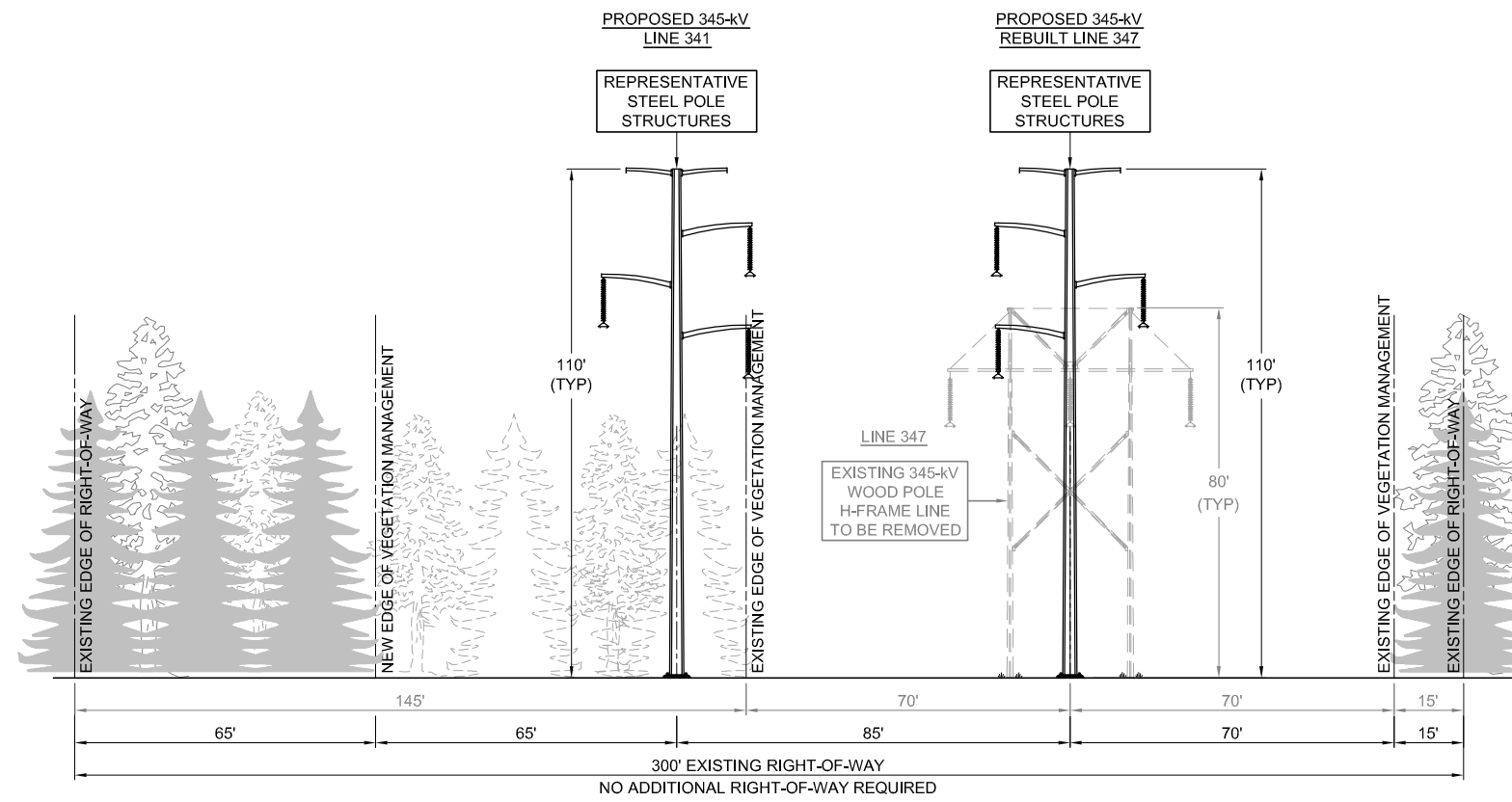


Existing electric transmission line structures looking north from Providence Turnpike (U.S. Highway 44).

Preliminary design of electric transmission line structures looking north from Providence Turnpike (U.S. Highway 44).

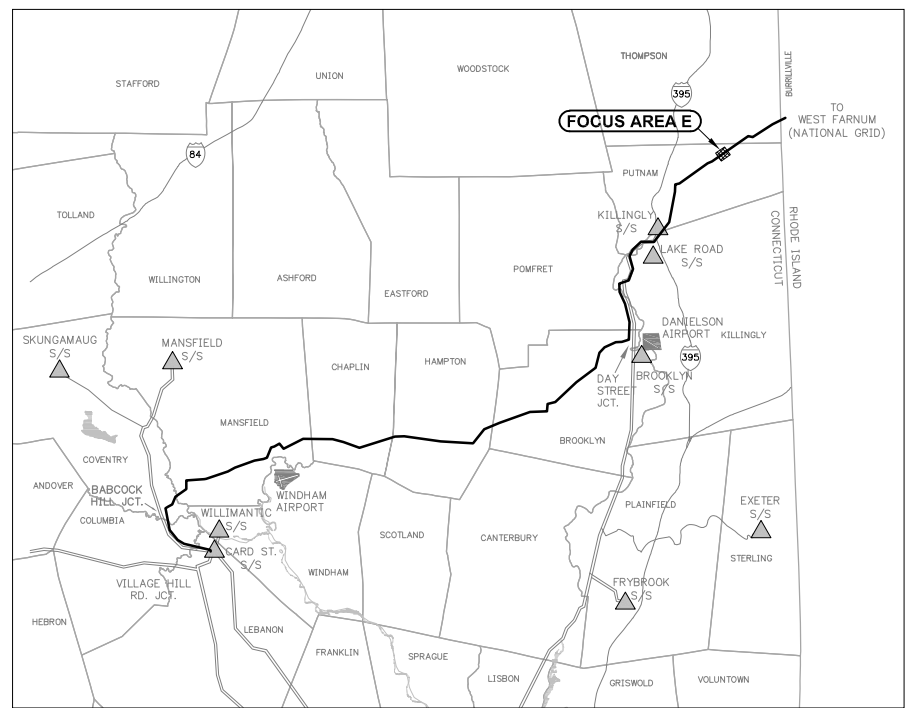
NOTE: See Drawing XS-12 BMP for a representation of the typical transmission structures, typical heights of the structures, and ROW width for this cross section.

N:\NJUSCO\46187 - Interstate\Code\OH\Cross Section Drawings\Cross-Sections.dwg (XS-12 BMP) 07-01-2011 14:42 DDL B&M&D



PROPOSED CONFIGURATION
 DELTA STEEL POLE DESIGN
 EMF BMP - FOCUS AREA E
 ELVIRA HEIGHTS
 IN THE TOWN OF PUTNAM
 EXISTING STRUCTURES 9305-9310
 LOOKING
 NORTHEASTERLY
 (0.6 MILE)

**PRELIMINARY DESIGN
 SUBJECT TO CHANGE**



KEY MAP
 NOT TO SCALE

- NOTES:**
1. EXISTING LINE TO BE REMOVED.
 2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
 3. LOW-MATURING WOODY SHRUB SPECIES ARE TYPICALLY NOT REMOVED.
 4. STRUCTURE HEIGHTS WERE DETERMINED FROM TYPICAL EXPECTED SPANS. STRUCTURE HEIGHTS ARE SUBJECT TO CHANGE WITH THE COMPLETION OF FINAL DESIGN.
 5. EXISTING AND NEW VEGETATION MANAGEMENT EDGES ARE TYPICAL.
 6. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
 7. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.



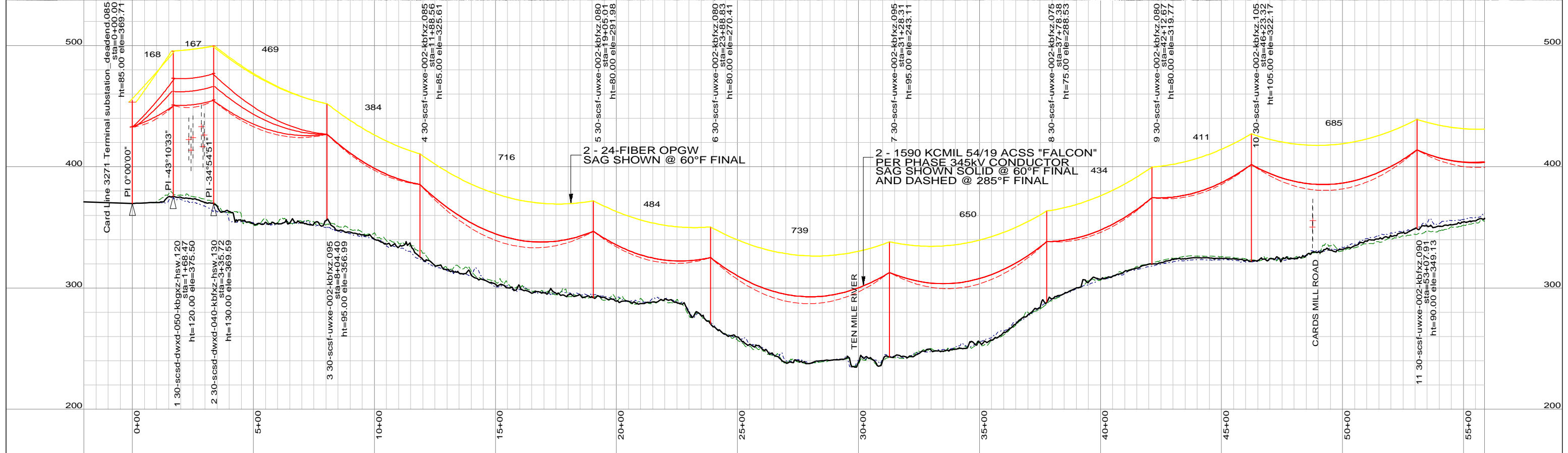
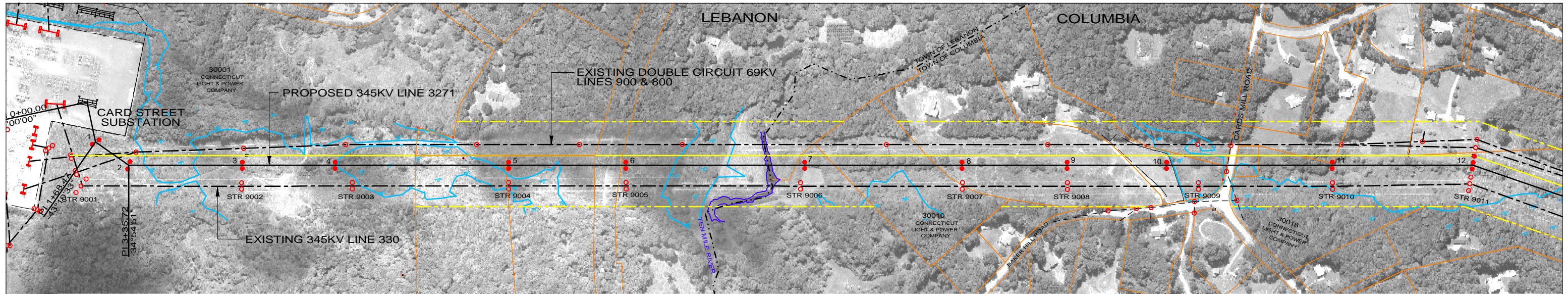
TITLE			
INTERSTATE RELIABILITY PROJECT PROPOSED CONFIGURATION EMF BMP - FOCUS AREA E ELVIRA HEIGHTS			
BY D. LAURSEN	CHKD M. HATFIELD	APP	APP
DATE 07/11	DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	XS-12 BMP
P.A. #			

EX. 2: Plan & Profile Drawings

INTRODUCTION: PLAN AND PROFILE DRAWINGS

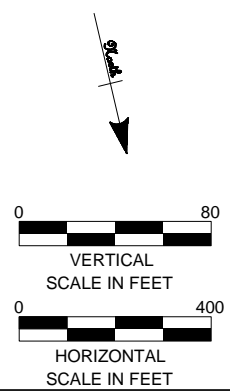
The Plan and Profile drawings presented in this Exhibit show an overhead view (plan) and an elevation view (profile) of the Connecticut portion of the proposed Interstate Reliability Project transmission line facilities. The Plan and Profile drawings were produced using 2007 aerial photography, aerial survey data, and PLS-CADD (a trademarked software product), a widely used computer program for designing transmission lines. Plan and Profile drawings are provided for the Proposed Route, as identified by The Connecticut Light and Power Company (CL&P) in Volume 1 of this Application to the Connecticut Siting Council for a Certificate of Environmental Compatibility and Public Need.

The Plan views are drawn at an approximate scale of one-inch equal to 400 feet. The Profile views provide both the vertical elevation of the structures and the horizontal distance along the Proposed Route. The Profiles are drawn at a dual scale of one-inch equal to 80 feet in the vertical direction and one-inch equal to 400 feet in the horizontal direction. This dual scale distorts the true scale of the structure heights, making them appear taller. This is done to purposefully exaggerate the details of the transmission structures and ground elevations.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN		SUBJECT TO CHANGE	
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC RMH
NO.	DATE	DESIGN REVISIONS	BY CHK APP APP



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

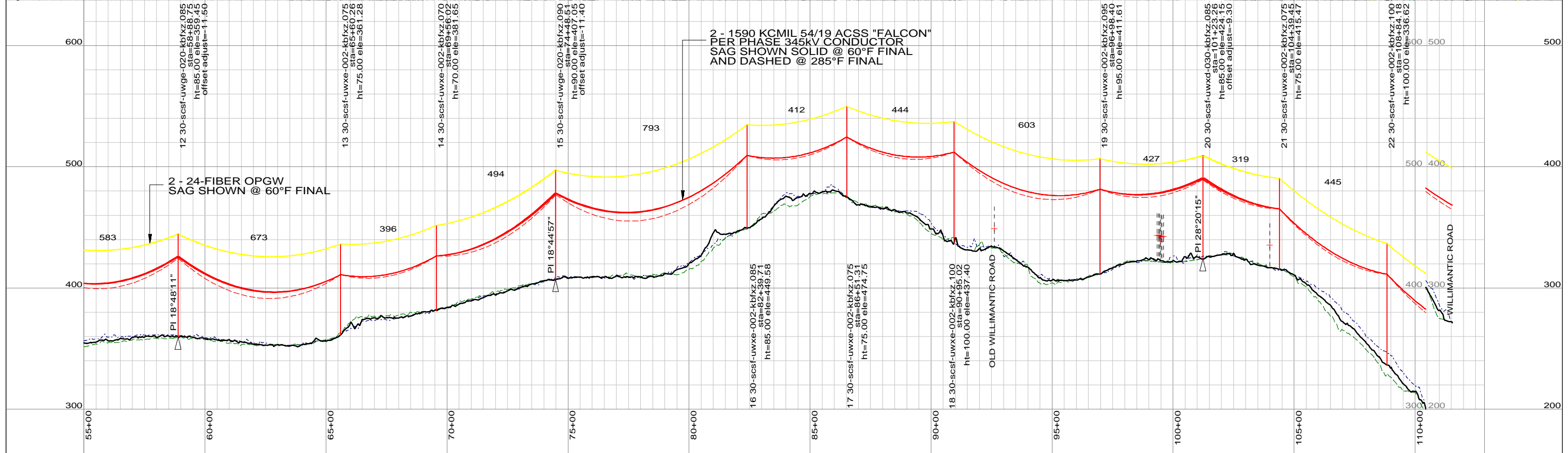
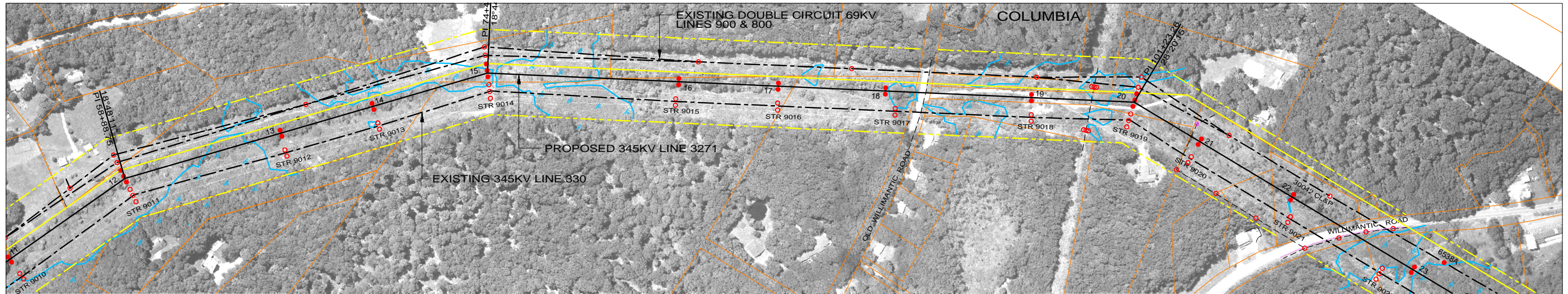


Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

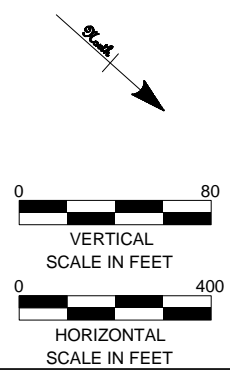
TITLE
**INTERSTATE RELIABILITY PROJECT
 CARD ST S/S - BABCOCK HILL JCT
 PLAN & PROFILE SHEET 1 OF 3
 LINE 3271**

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	---
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	---



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

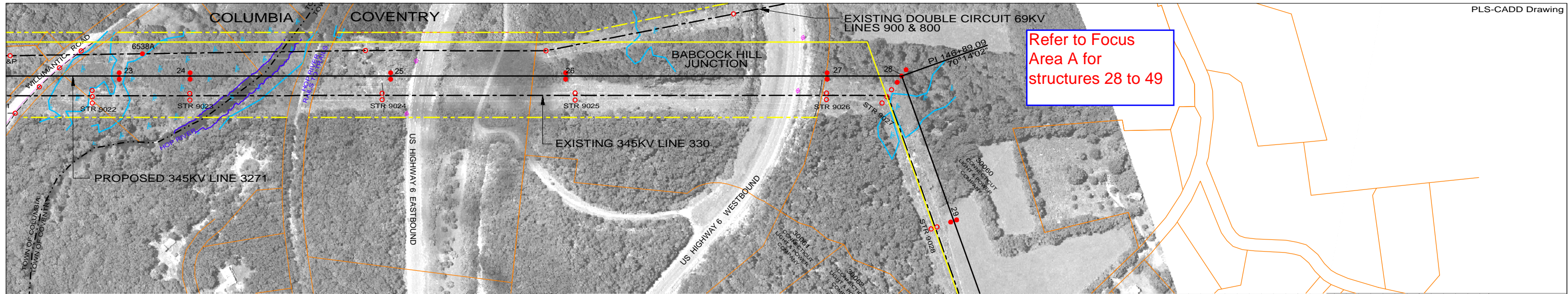
TITLE
**INTERSTATE RELIABILITY PROJECT
CARD ST S/S - BABCOCK HILL JCT
PLAN & PROFILE SHEET 2 OF 3
LINE 3271**

46197

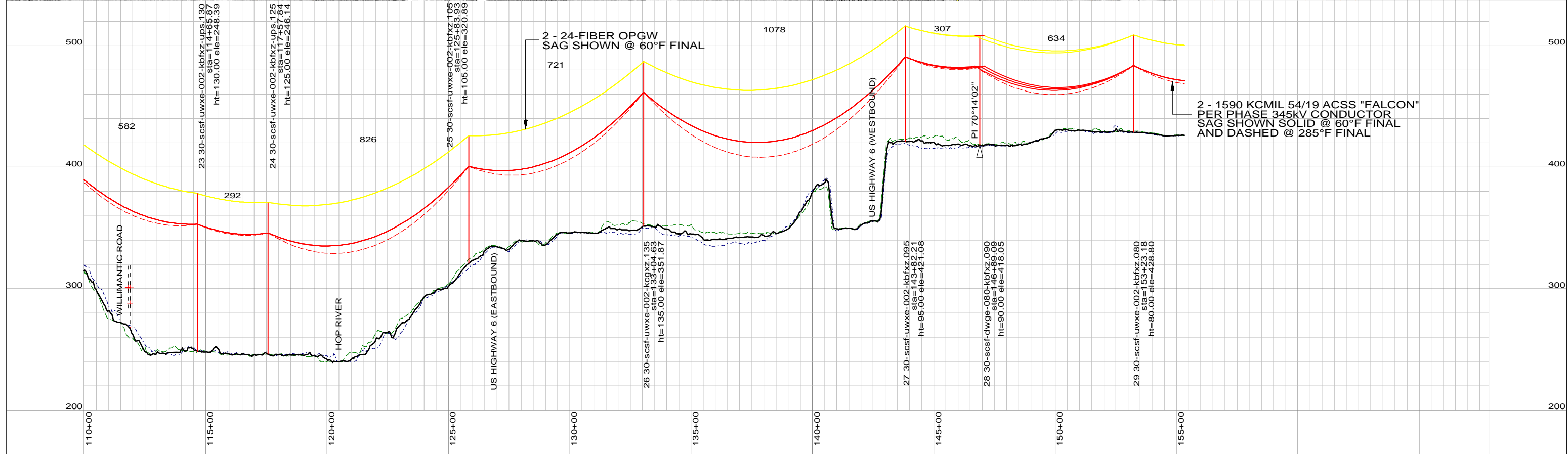
date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	

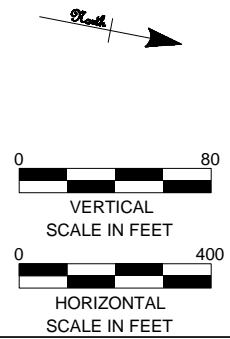


Refer to Focus Area A for structures 28 to 49



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

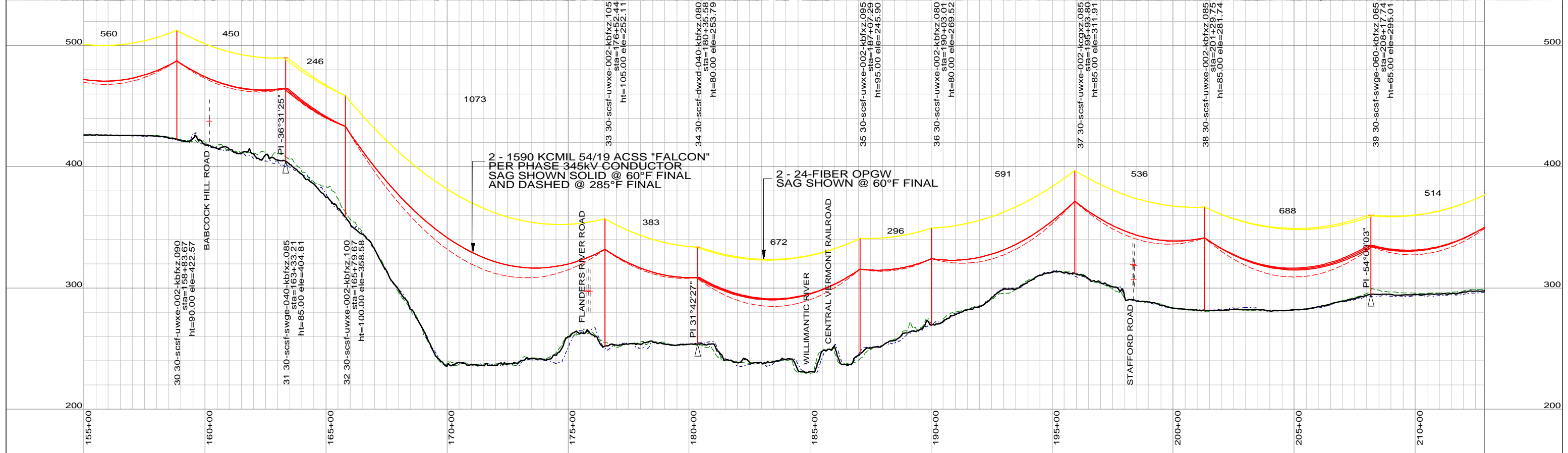
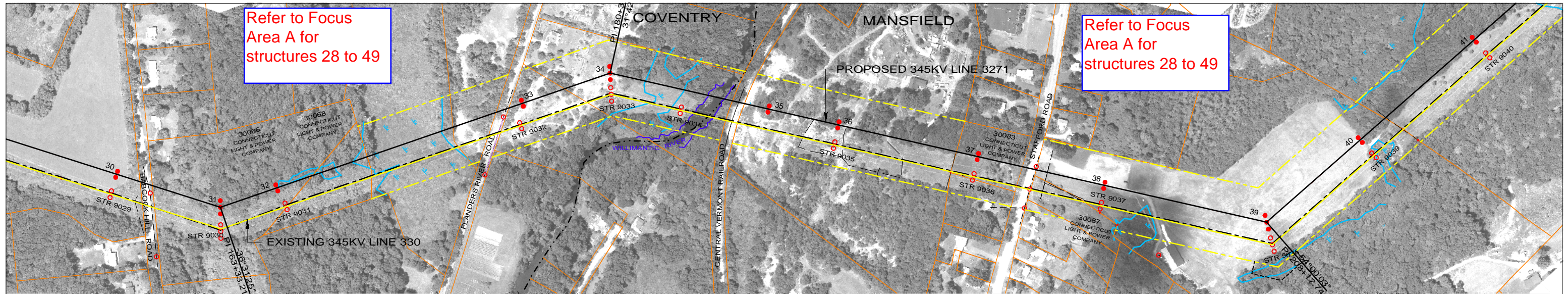
FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
CARD ST S/S - BABCOCK HILL JCT
PLAN & PROFILE SHEET 3 OF 3
LINE 3271**

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

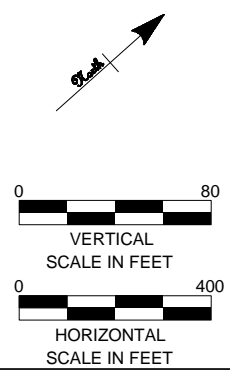
date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	- - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

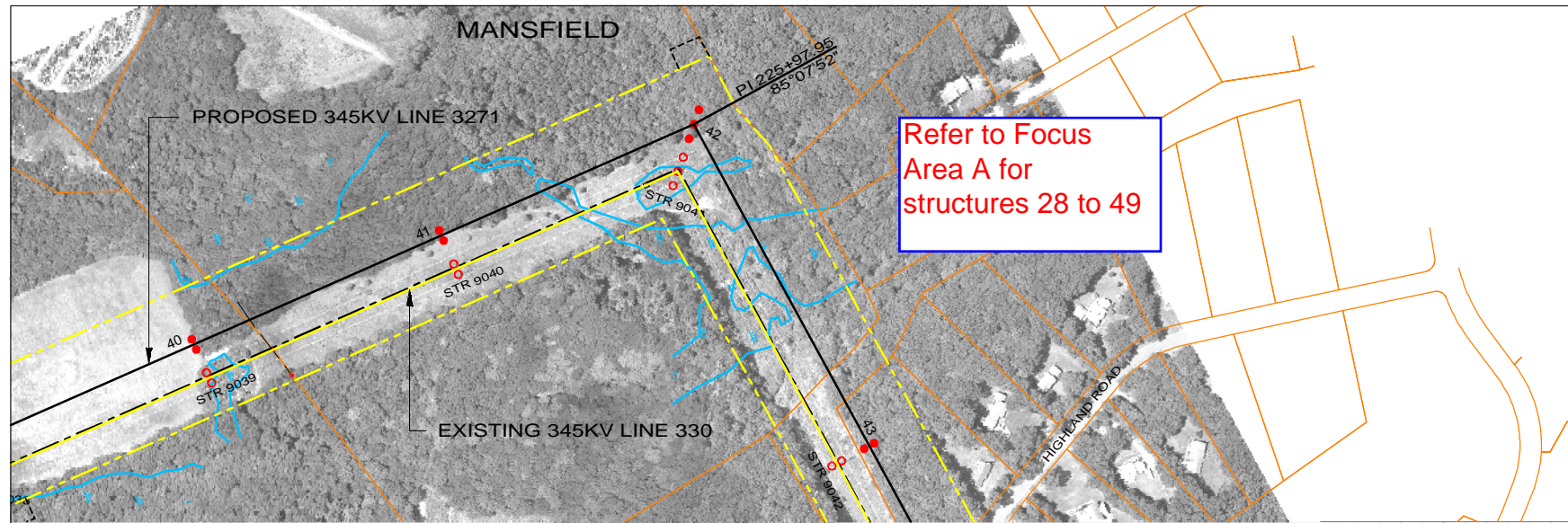
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 1 OF 24
LINE 3271**

46197

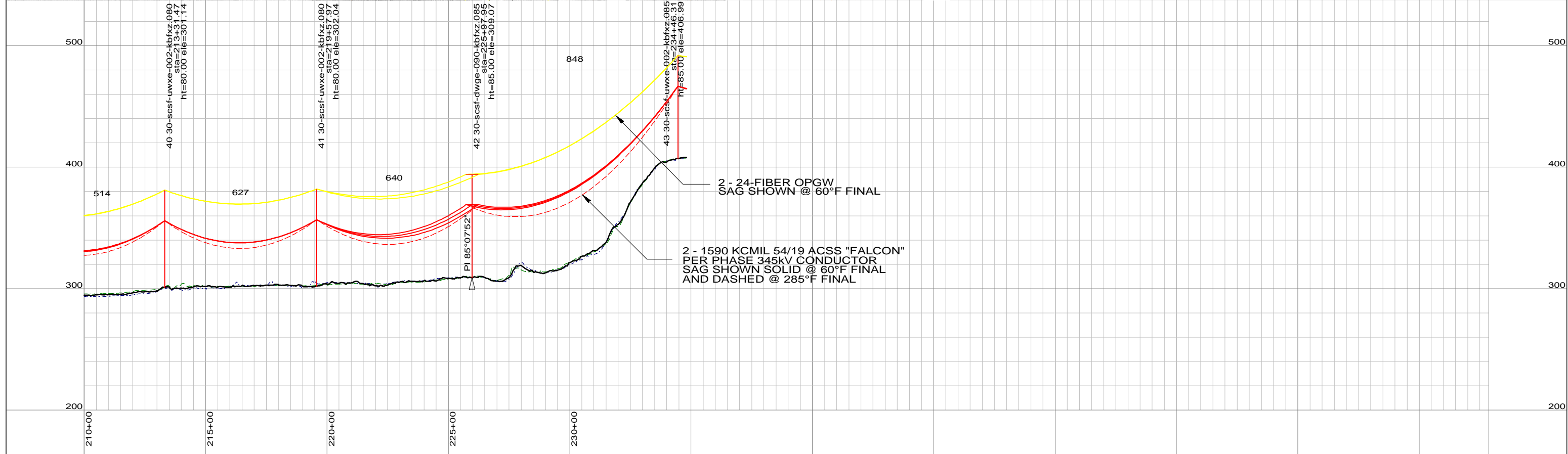
date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.

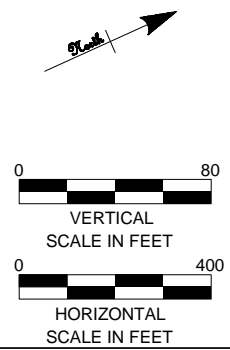


Refer to Focus Area A for structures 28 to 49



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	---



PRELIMINARY DESIGN						
SUBJECT TO CHANGE						
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



46197

date 06/01/2010 detailed D. Laursen
 designed S. Casteel checked M. Hatfield

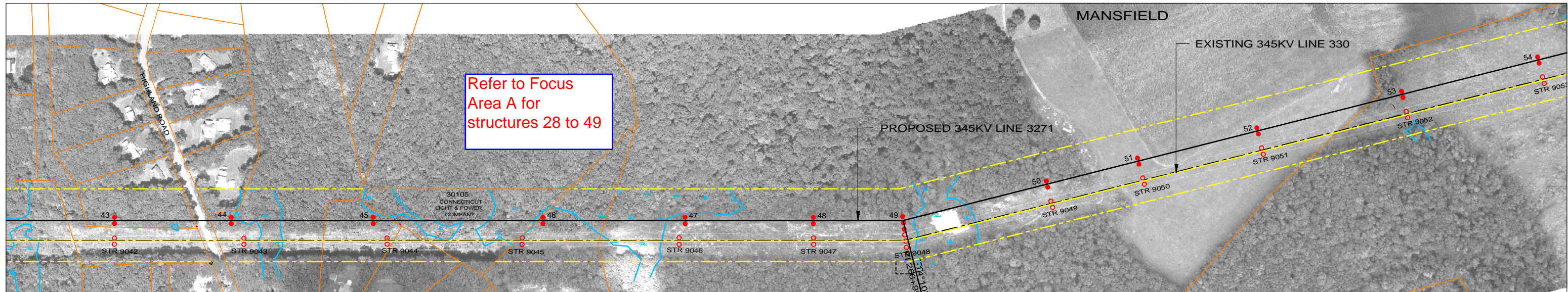


Northeast Utilities Service Co.

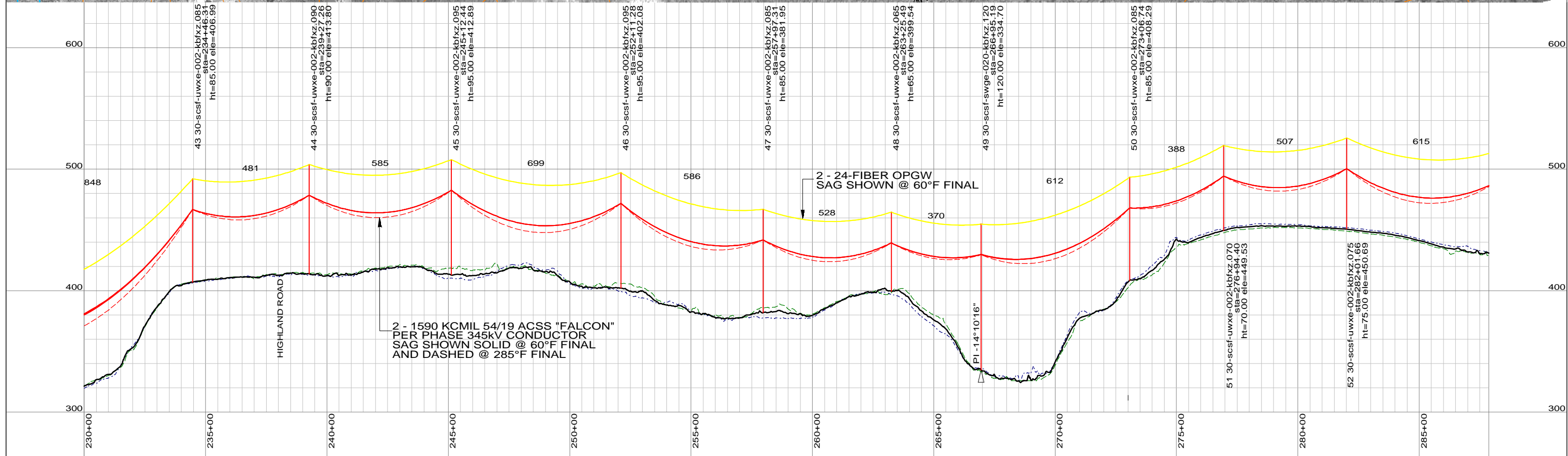
FOR CONNECTICUT LIGHT & POWER

TITLE INTERSTATE RELIABILITY PROJECT
 BABCOCK HILL JCT - DAY STREET JCT
 PLAN & PROFILE SHEET 2 OF 24
 LINE 3271

BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1":80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1":400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	

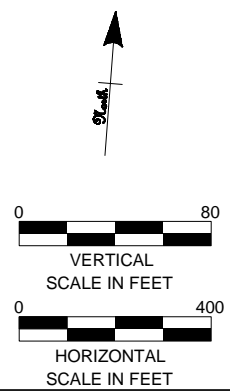


Refer to Focus Area A for structures 28 to 49



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	— — — —	WIRE CROSSING	+
EXISTING ROW	— — — —	WETLANDS	
PROPOSED ROW	— — — —	WATER	
PROPERTY LINE	— — — —	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	— · — ·	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

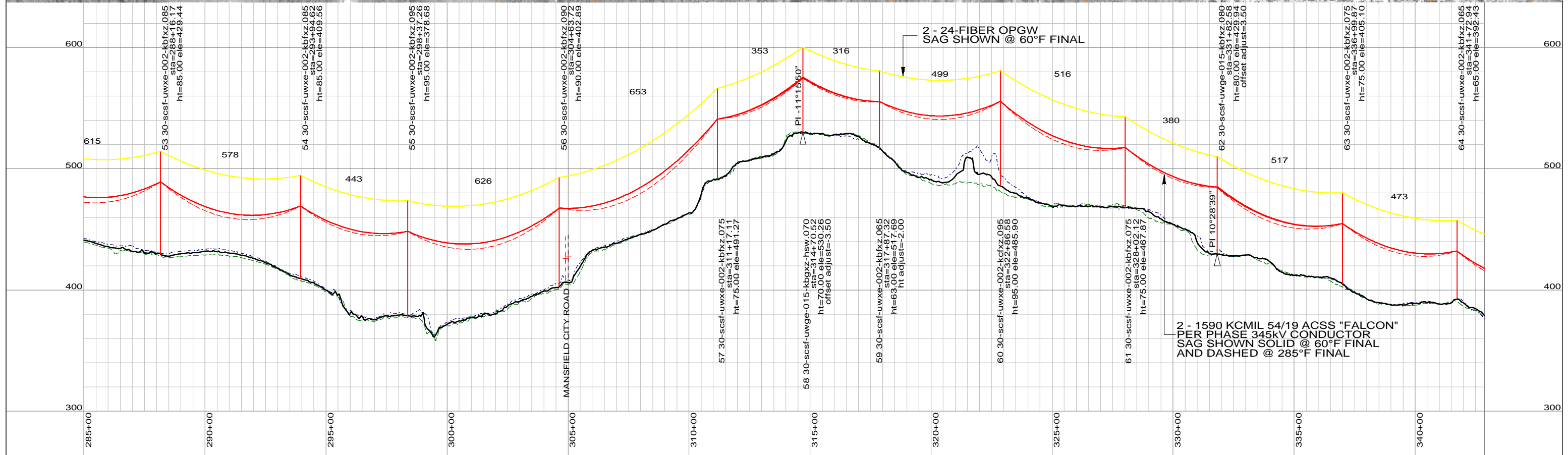
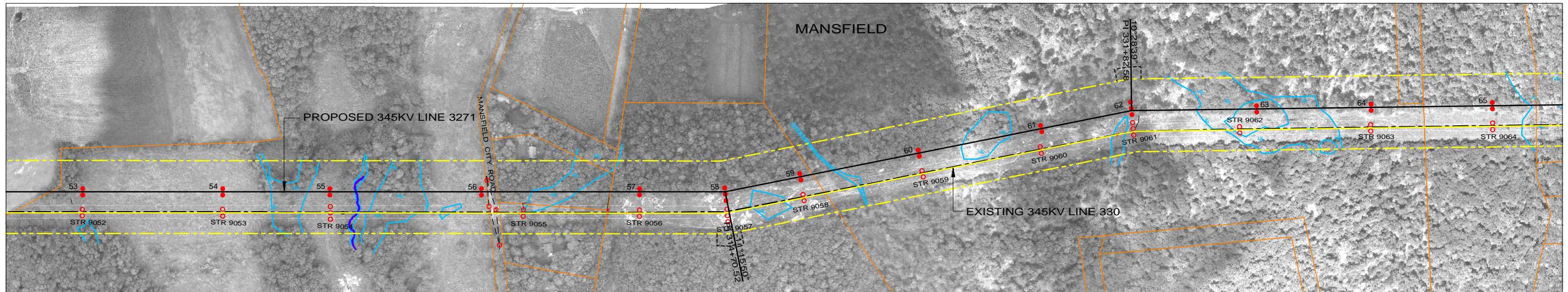
FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 3 OF 24
LINE 3271**

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

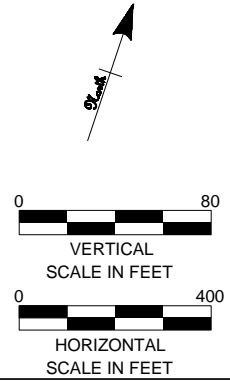
date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

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TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 4 OF 24
LINE 3271**

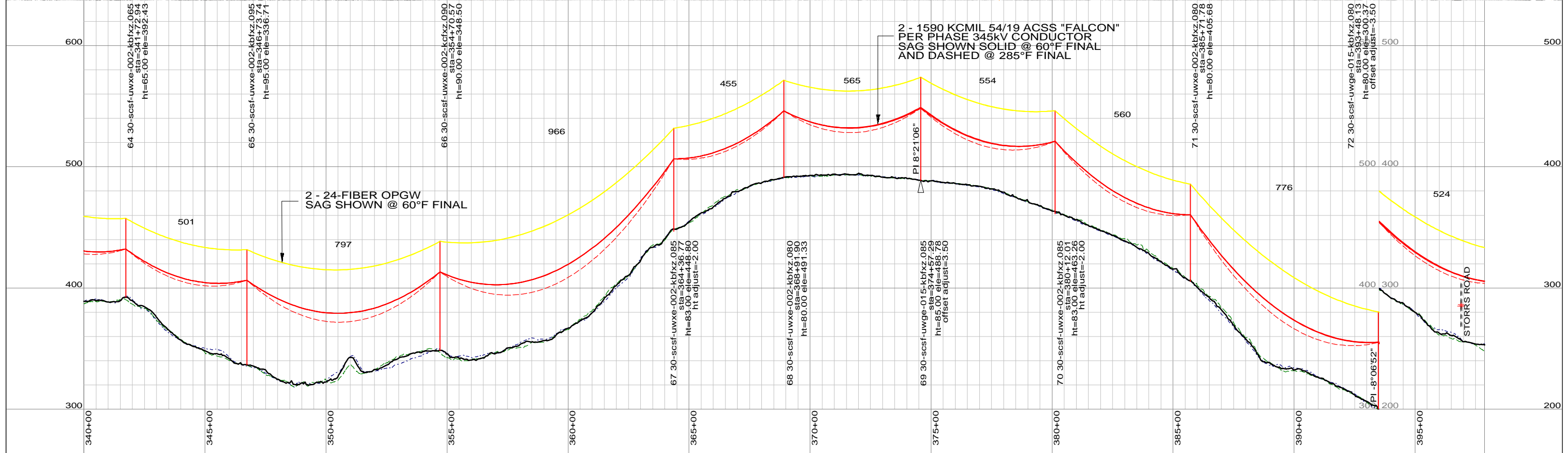
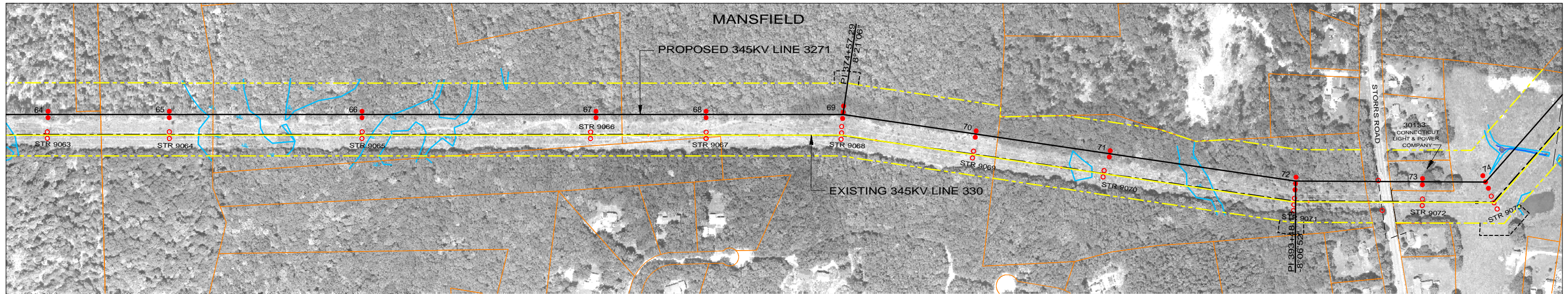
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

46197

date 06/01/2010 detailed D. Laursen

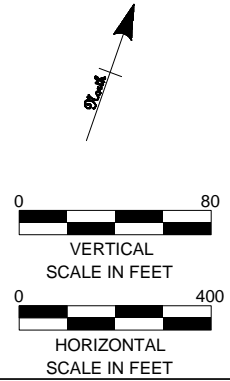
designed S. Casteel checked M. Hatfield

BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1"=80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - - -
		EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN
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date 06/01/2010 detailed D. Laursen
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NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

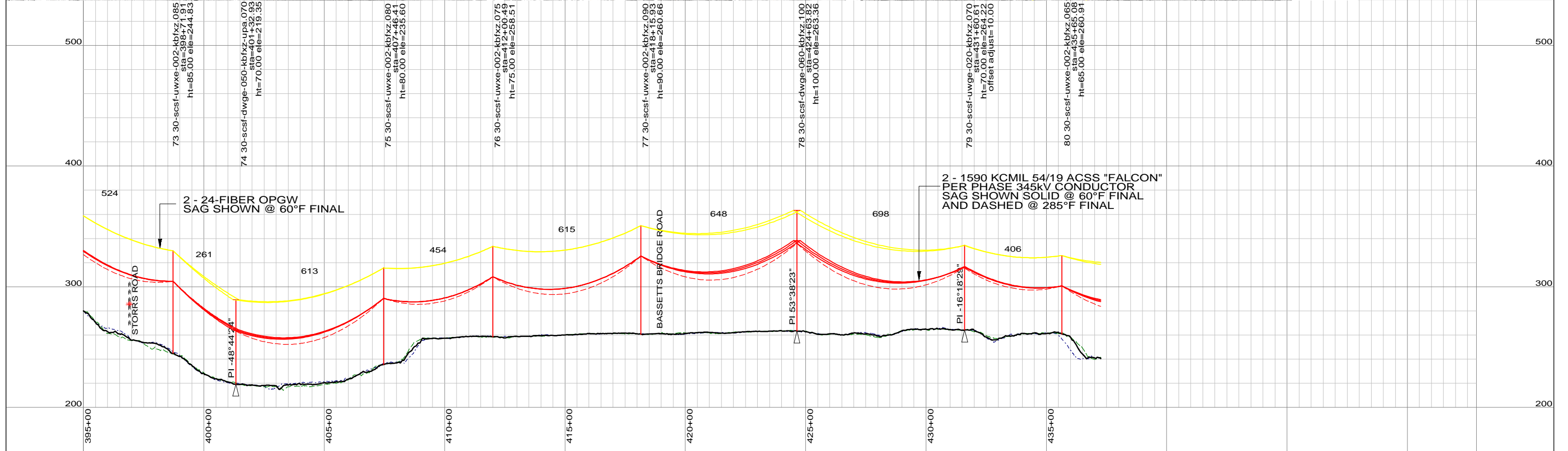
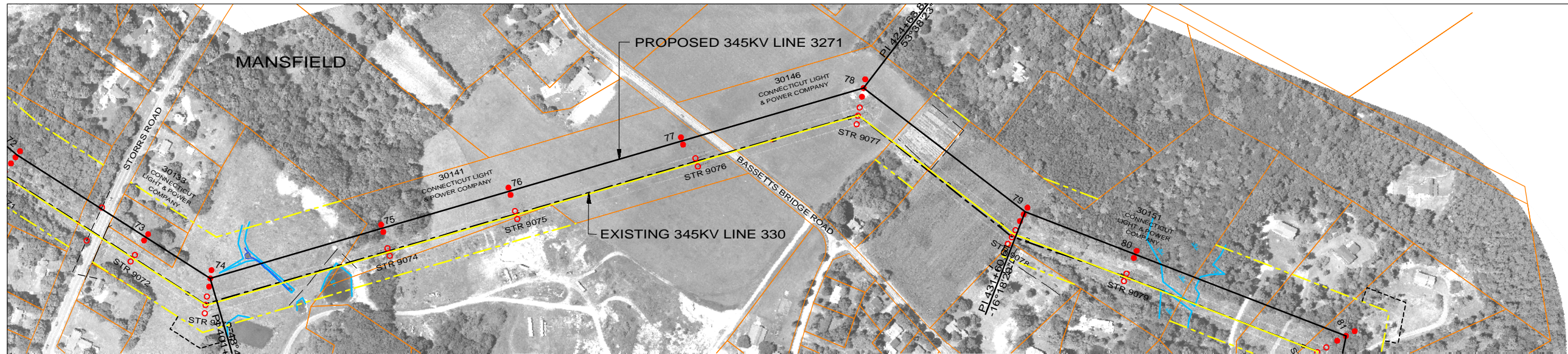


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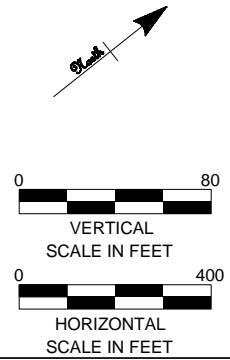
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 5 OF 24
LINE 3271**

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - -
		EXISTING GUY EASEMENT	- - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

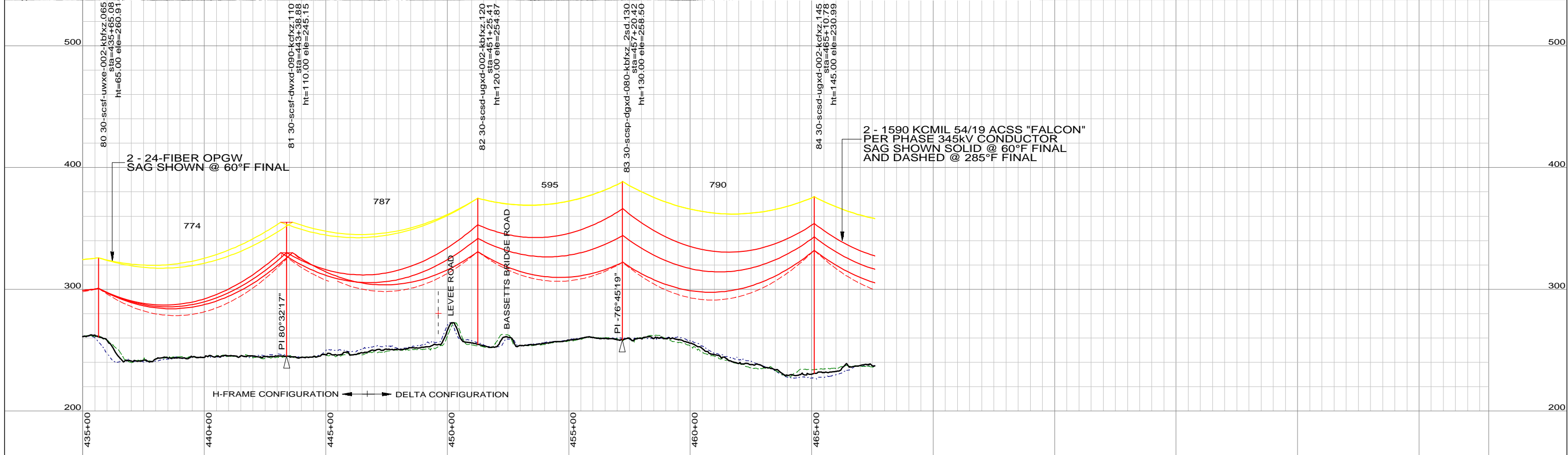
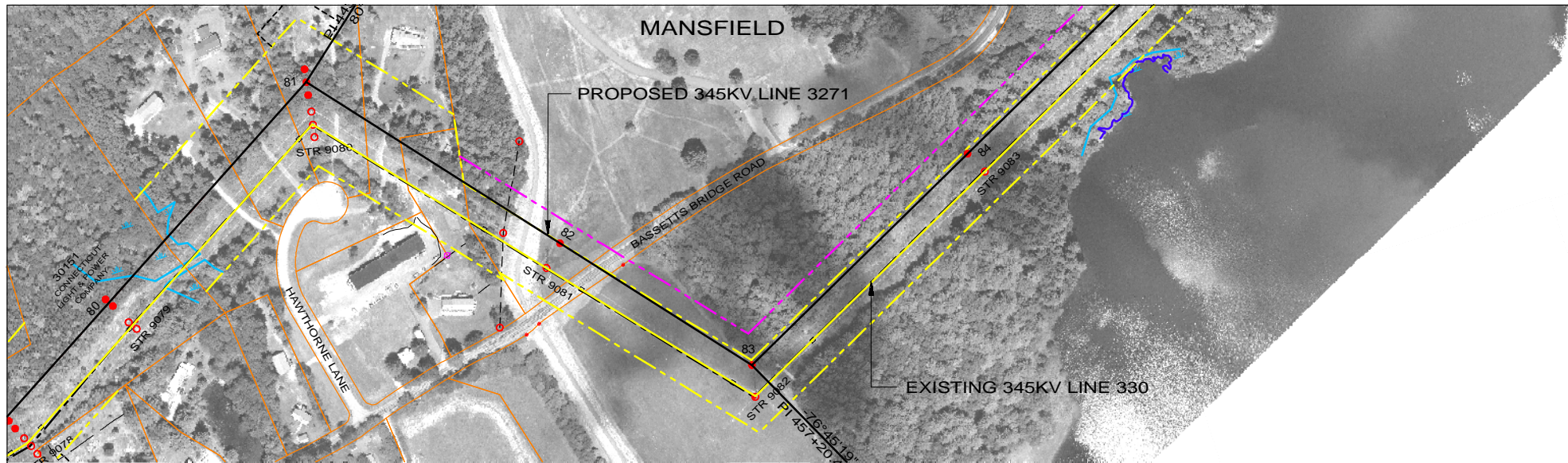


Northeast Utilities Service Co.

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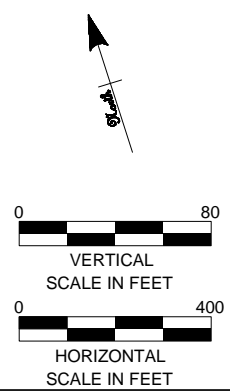
TITLE INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 6 OF 24
LINE 3271

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN		SUBJECT TO CHANGE	
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC RMH
NO.	DATE	DESIGN REVISIONS	BY CHK APP APP



46197

date 06/01/2010 detailed D. Laursen
 designed S. Casteel checked M. Hatfield

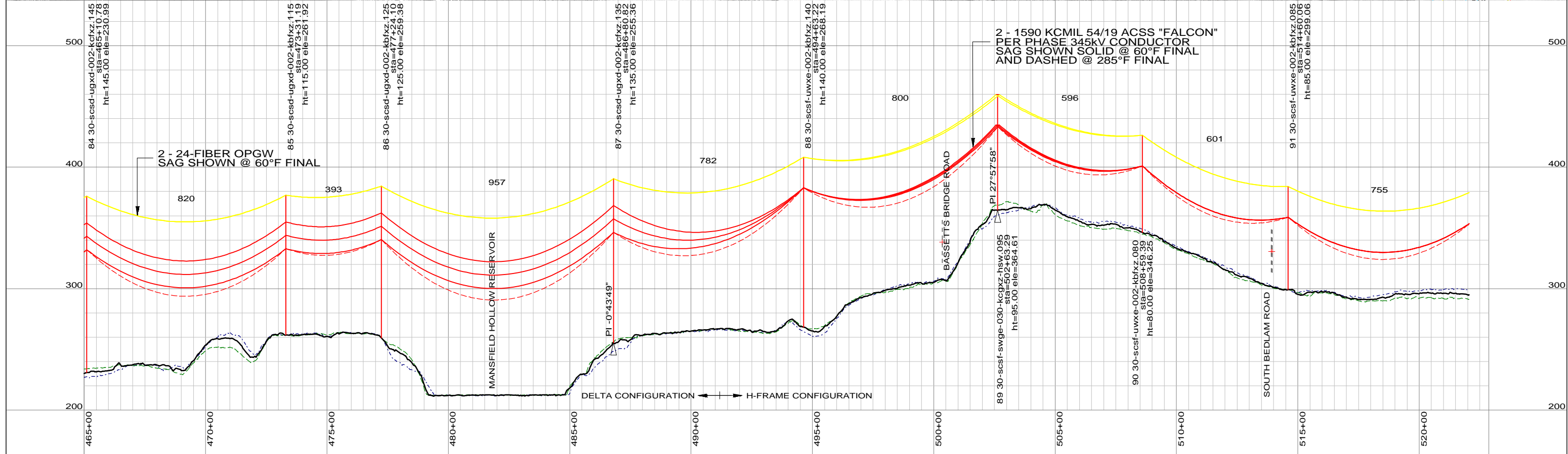
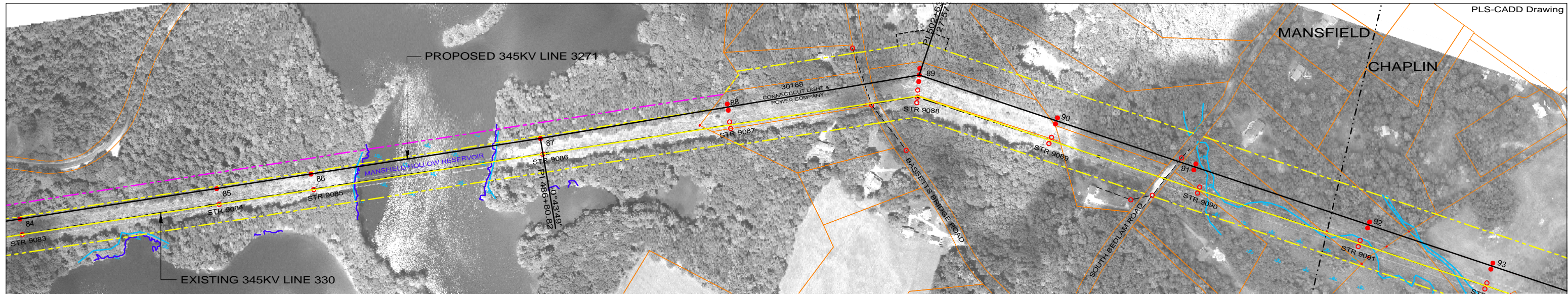


Northeast Utilities Service Co.

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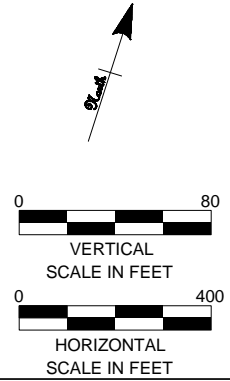
TITLE INTERSTATE RELIABILITY PROJECT
 BABCOCK HILL JCT - DAY STREET JCT
 PLAN & PROFILE SHEET 7 OF 24
 LINE 3271

BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
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H-SCALE 1":400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - - -
		EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

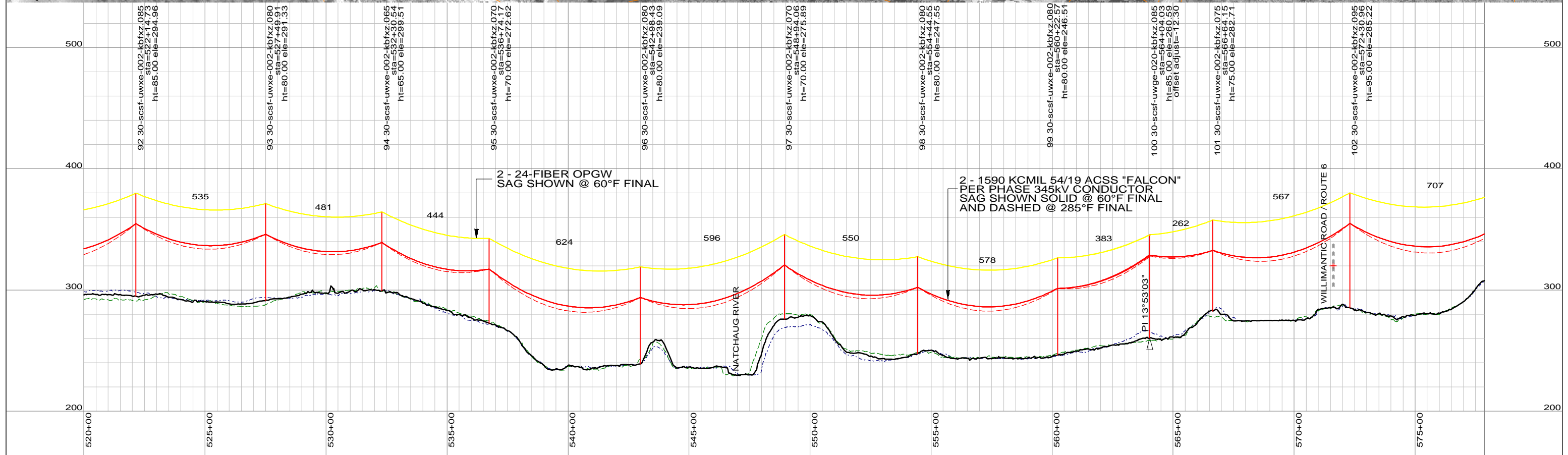
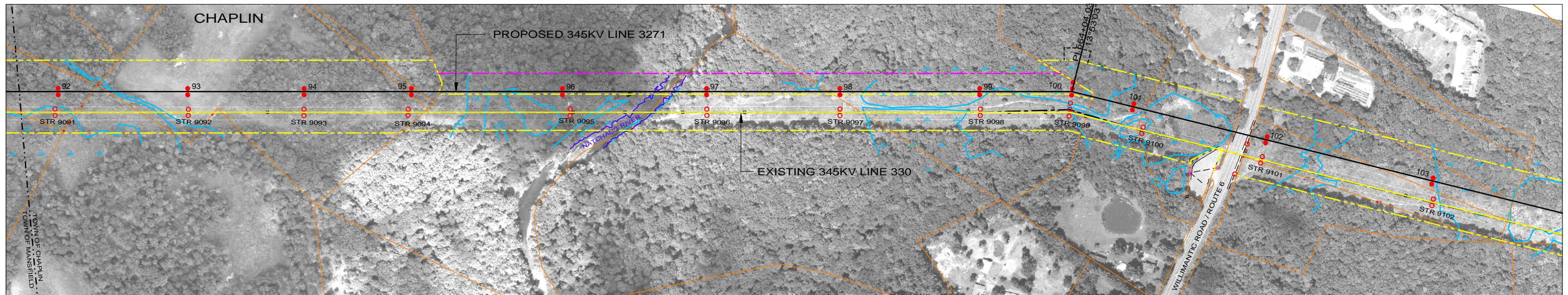


Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

TITLE INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 8 OF 24
LINE 3271

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -

VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET

PRELIMINARY DESIGN
SUBJECT TO CHANGE

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

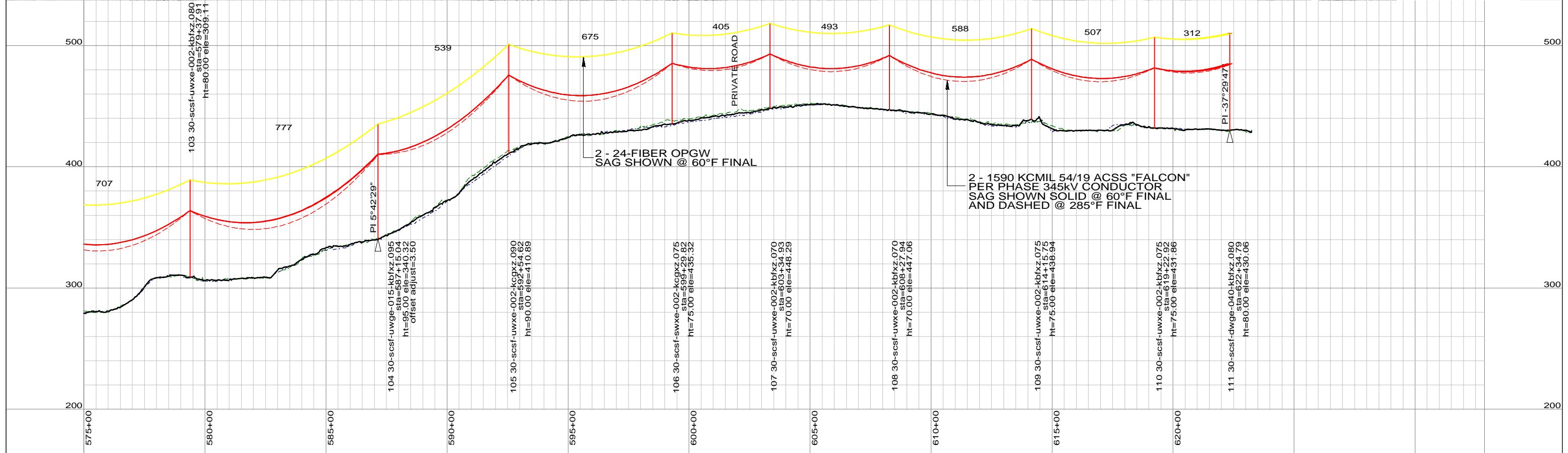
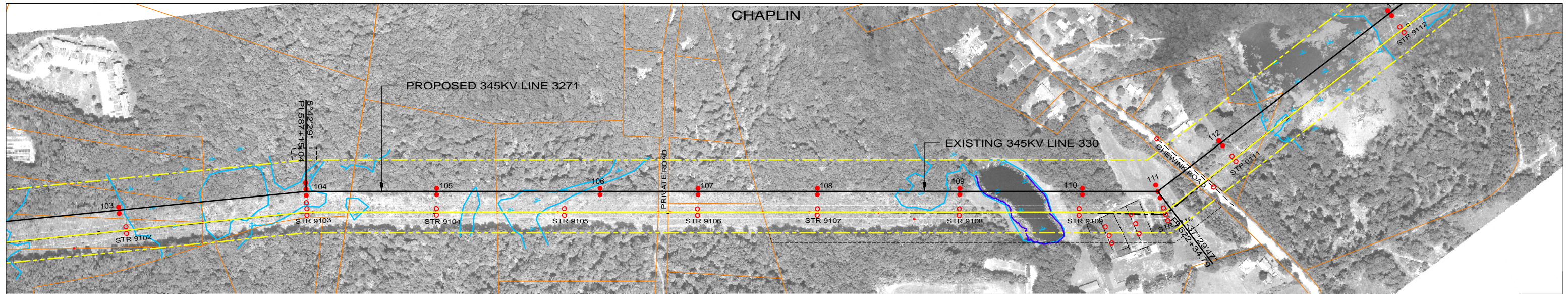
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date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

FOR CONNECTICUT LIGHT & POWER

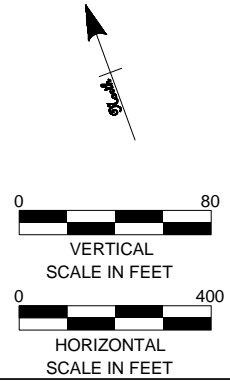
TITLE: INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 9 OF 24
LINE 3271

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	—



PRELIMINARY DESIGN					
SUBJECT TO CHANGE					
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH	
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

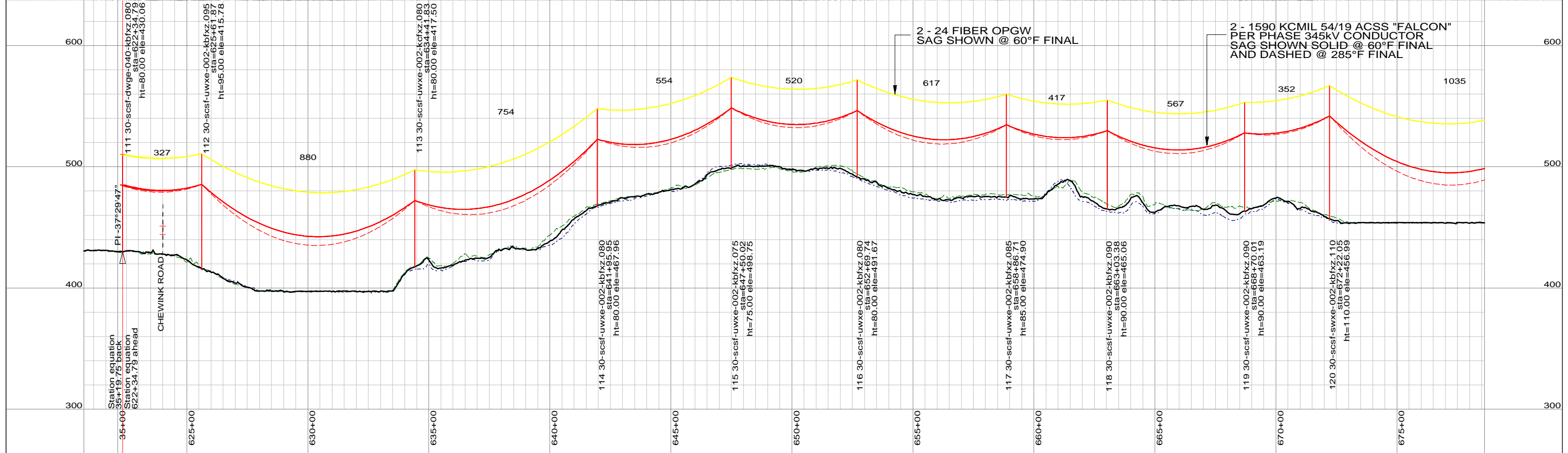
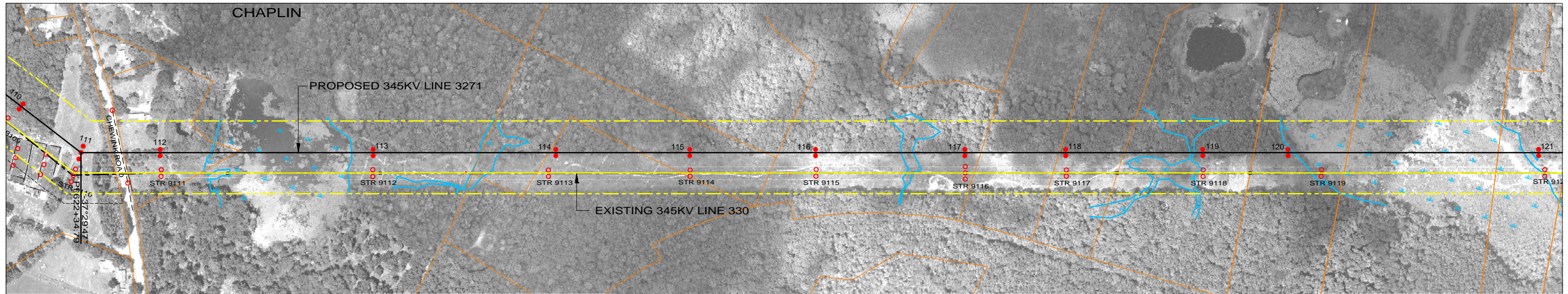


Northeast Utilities Service Co.

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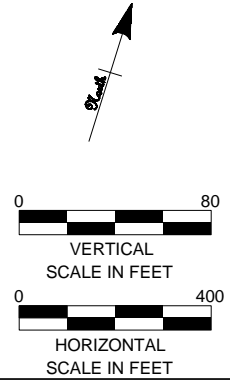
TITLE
**INTERSTATE RELIABILITY PROJECT
 BABCOCK HILL JCT - DAY STREET JCT
 PLAN & PROFILE SHEET 10 OF 24
 LINE 3271**

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
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H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

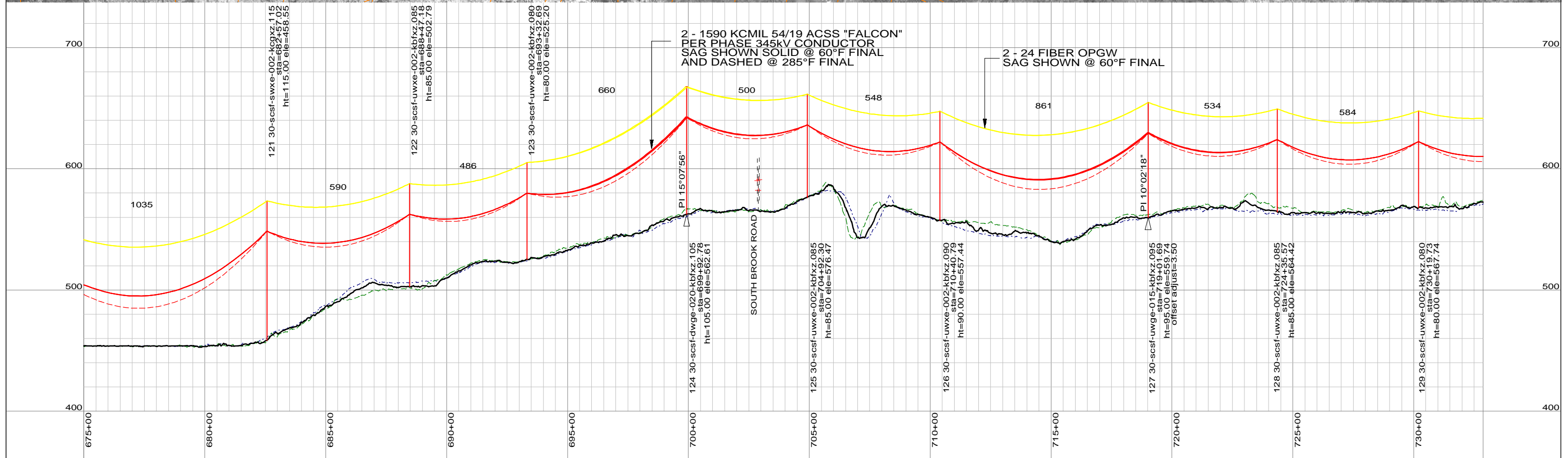
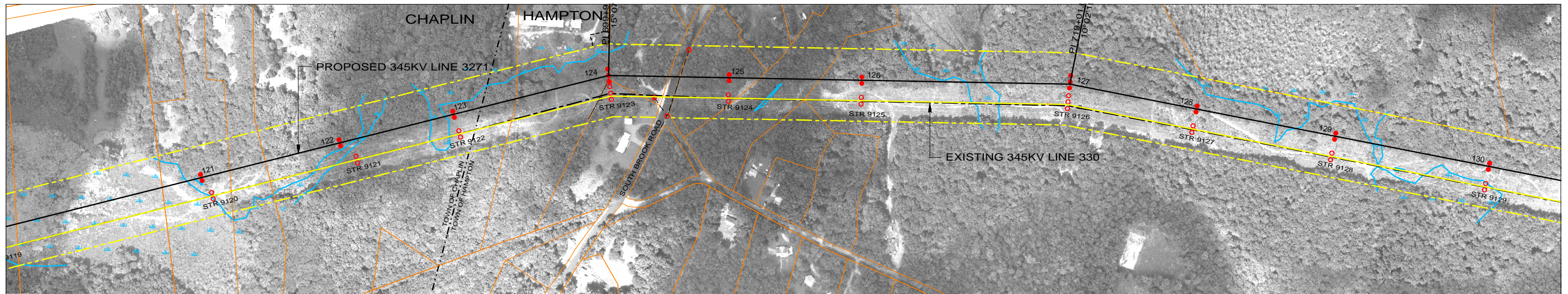
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 11 OF 24
LINE 3271**

46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

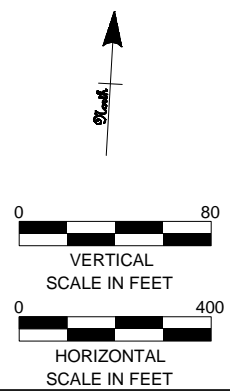
BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1":80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1":400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	— — — —	WIRE CROSSING	+
EXISTING ROW	— — — —	WETLANDS	
PROPOSED ROW	— — — —	WATER	
PROPERTY LINE	— — — —	GND PROFILE LEFT 26'	— · — · —
TOWN/STATE BOUNDARY	- · - · -	GND PROFILE CENTER	— — — —
		GND PROFILE RIGHT 26'	- · - · -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN						
SUBJECT TO CHANGE						
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

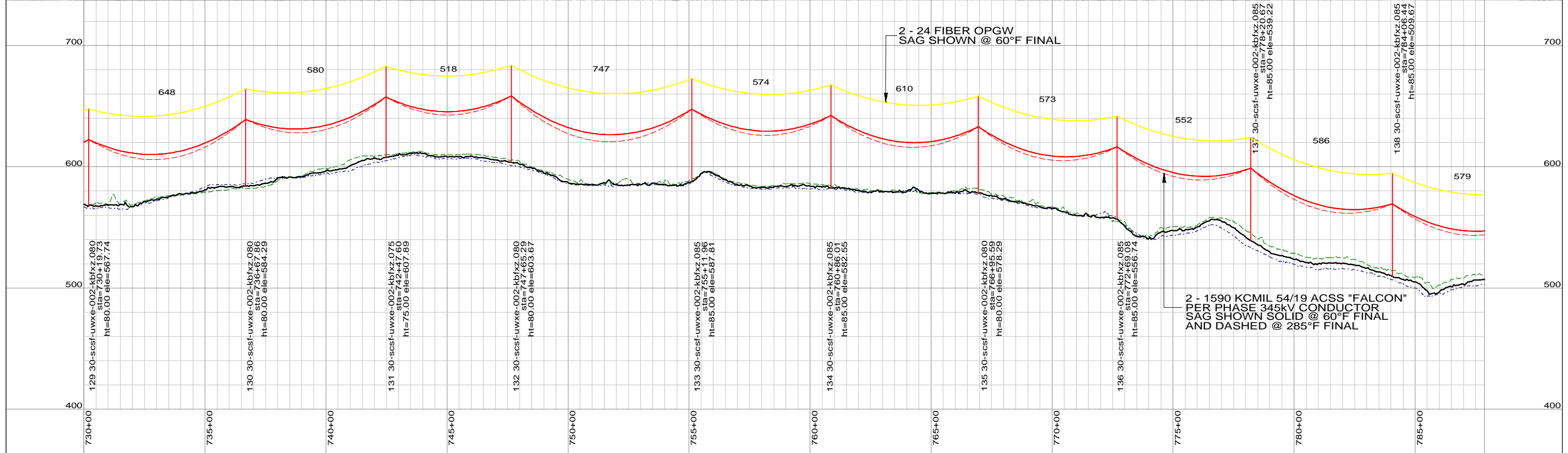
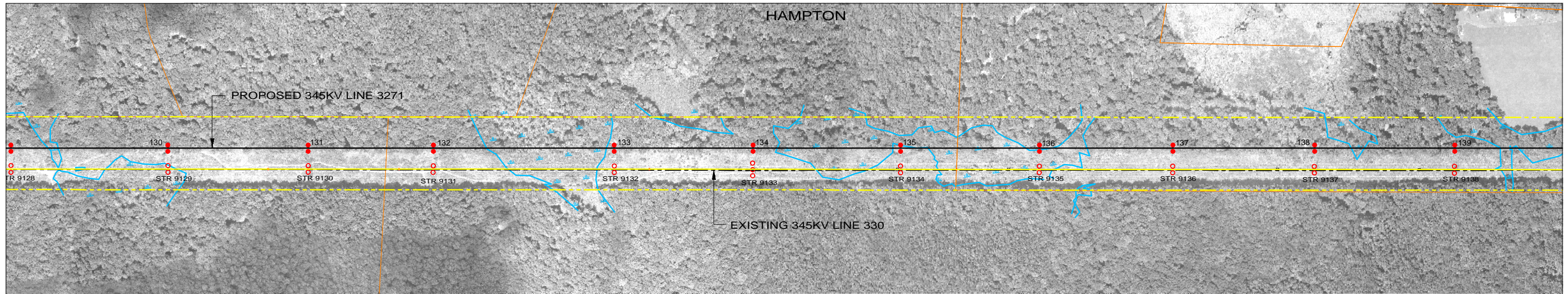


Northeast Utilities Service Co.

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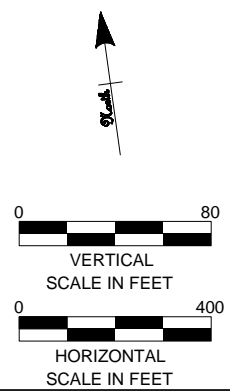
TITLE
INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 12 OF 24
LINE 3271

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield



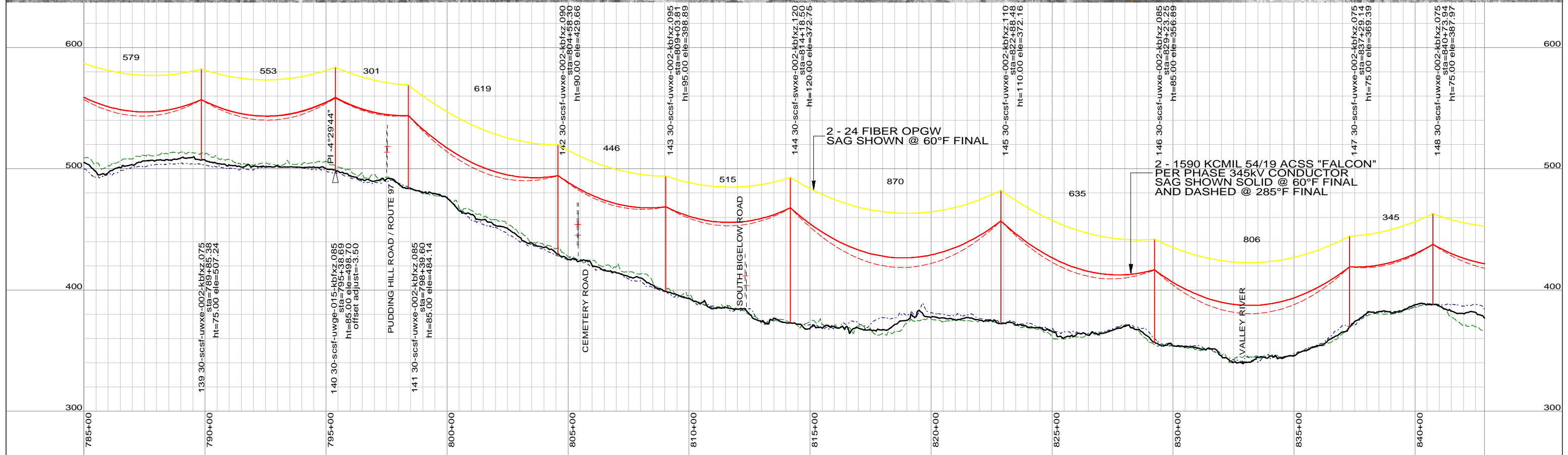
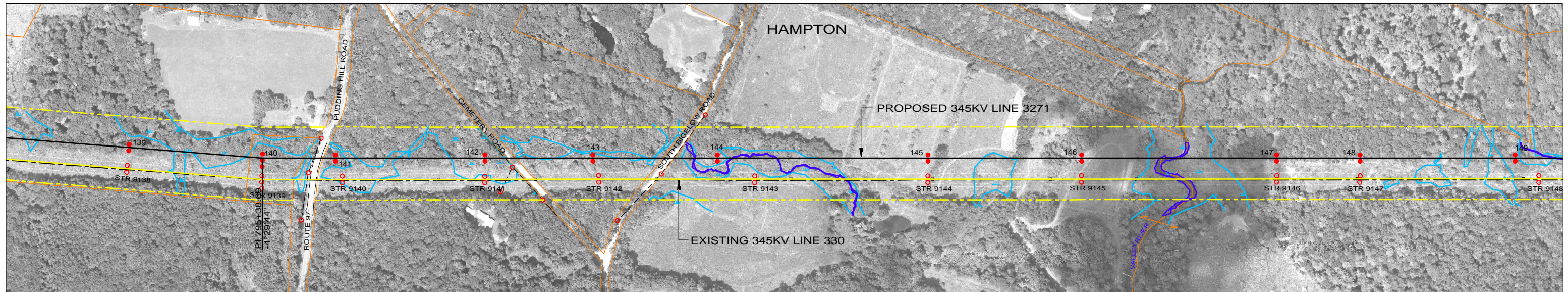
Northeast Utilities Service Co.

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TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 13 OF 24
LINE 3271**

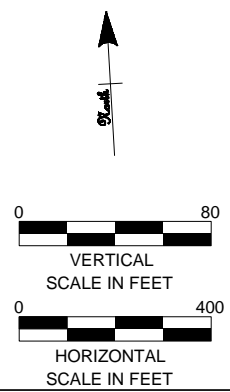
BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	— — — —	WIRE CROSSING	+
EXISTING ROW	— — — —	WETLANDS	
PROPOSED ROW	— — — —	WATER	
PROPERTY LINE	— — — —	GND PROFILE LEFT 26'	— · — · —
TOWN/STATE BOUNDARY	— · — · —	GND PROFILE CENTER	— — — —
		GND PROFILE RIGHT 26'	- · - · -
		EXISTING GUY EASEMENT	- - - -



**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



Northeast Utilities Service Co.
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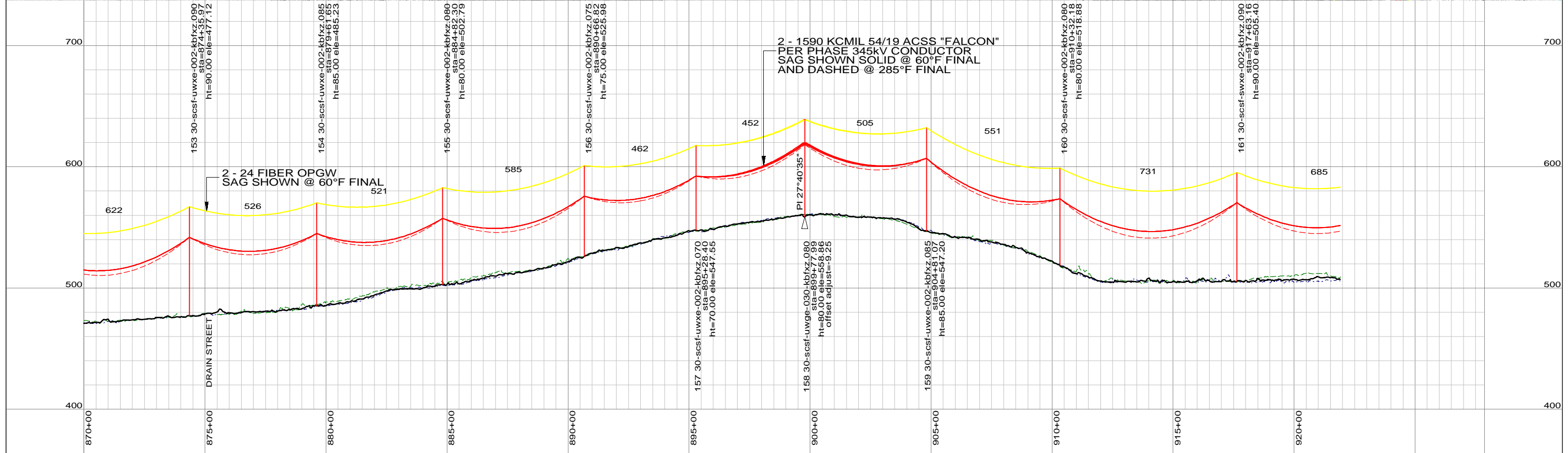
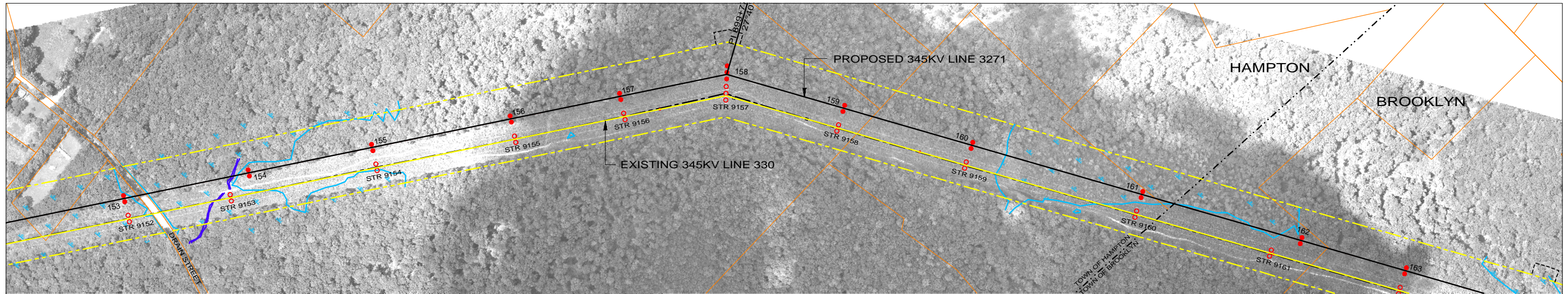
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 14 OF 24
LINE 3271**

46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

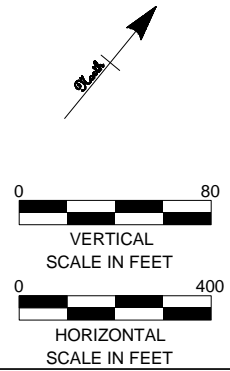
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	— — — —	WIRE CROSSING	+
EXISTING ROW	— — — —	WETLANDS	
PROPOSED ROW	— — — —	WATER	
PROPERTY LINE	— — — —	GND PROFILE LEFT 26'	— · — · —
TOWN/STATE BOUNDARY	— · — · —	GND PROFILE CENTER	— — — —
		GND PROFILE RIGHT 26'	- · - · -
		EXISTING GUY EASEMENT	- - - -



**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



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date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

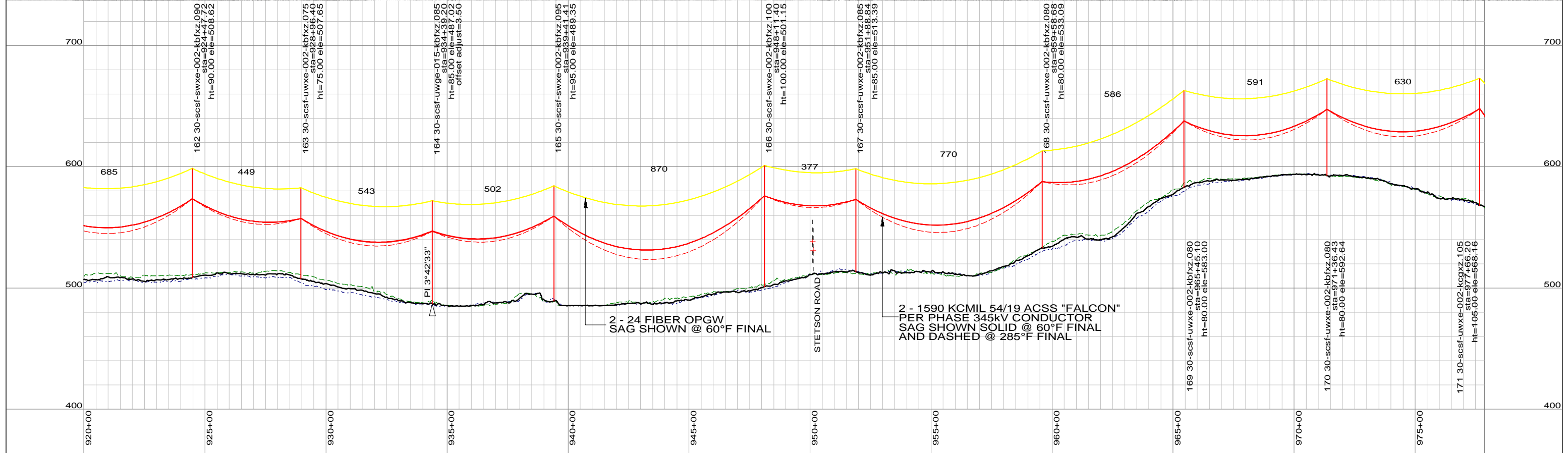
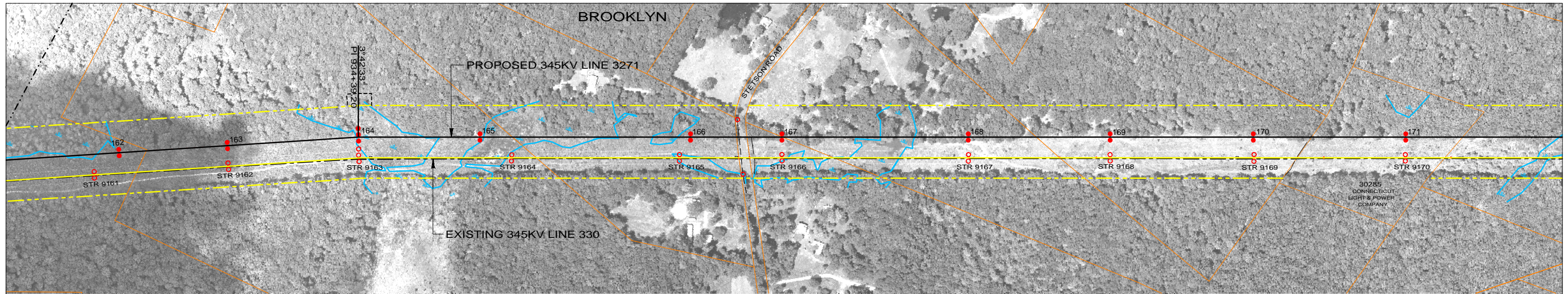


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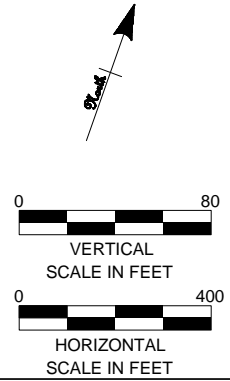
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 16 OF 24
LINE 3271**

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

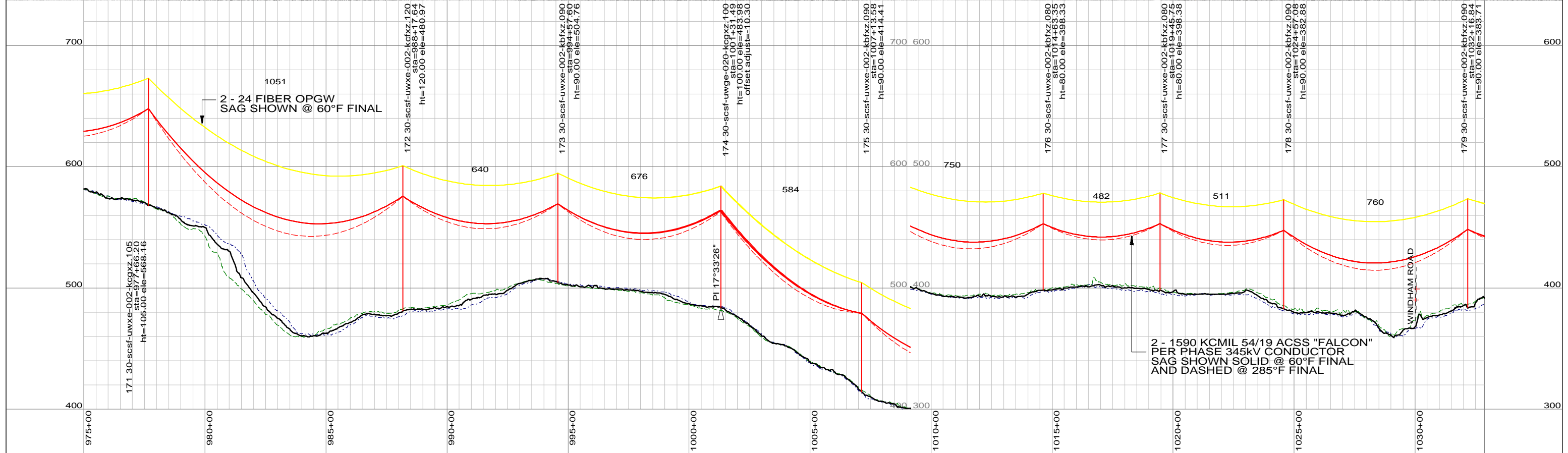
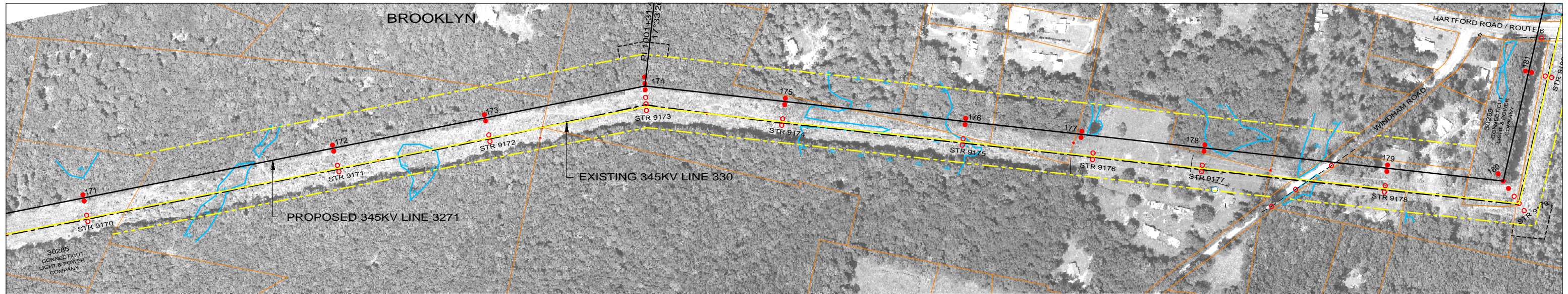


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TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 17 OF 24
LINE 3271**

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -

VERTICAL SCALE IN FEET: 0 to 80

HORIZONTAL SCALE IN FEET: 0 to 400

PRELIMINARY DESIGN
SUBJECT TO CHANGE

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

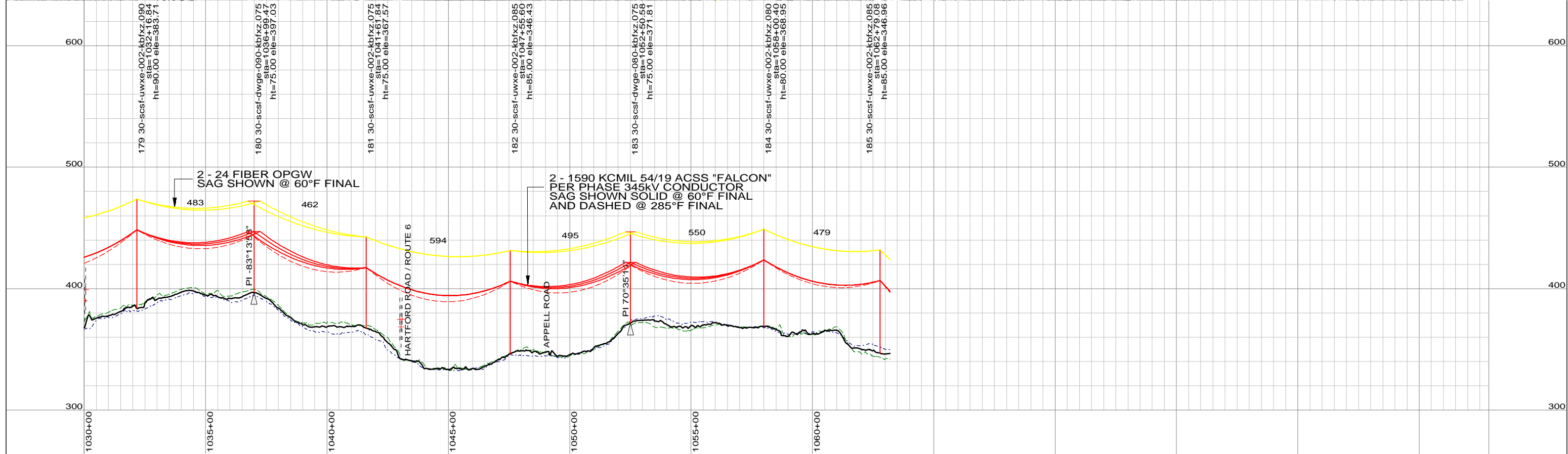
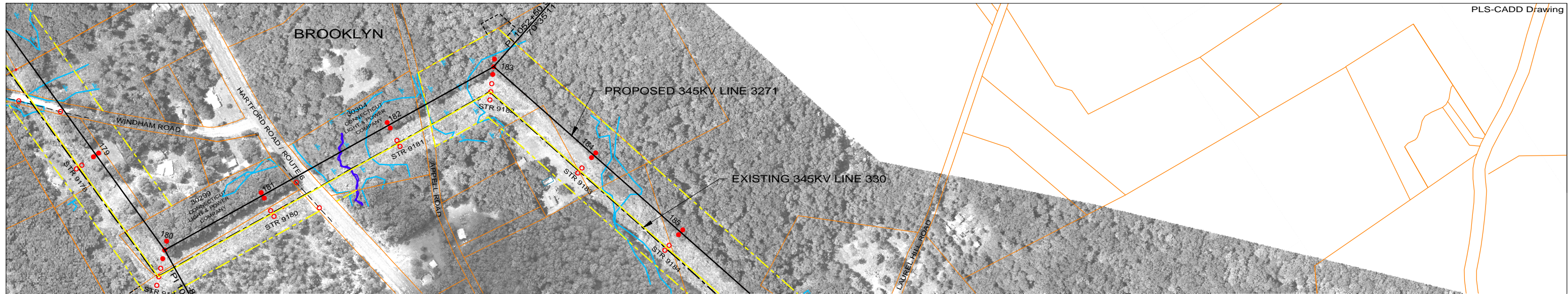
46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

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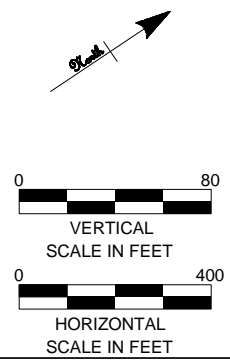
TITLE: INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 18 OF 24
LINE 3271

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - - -
		EXISTING GUY EASEMENT	- - - - -



**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

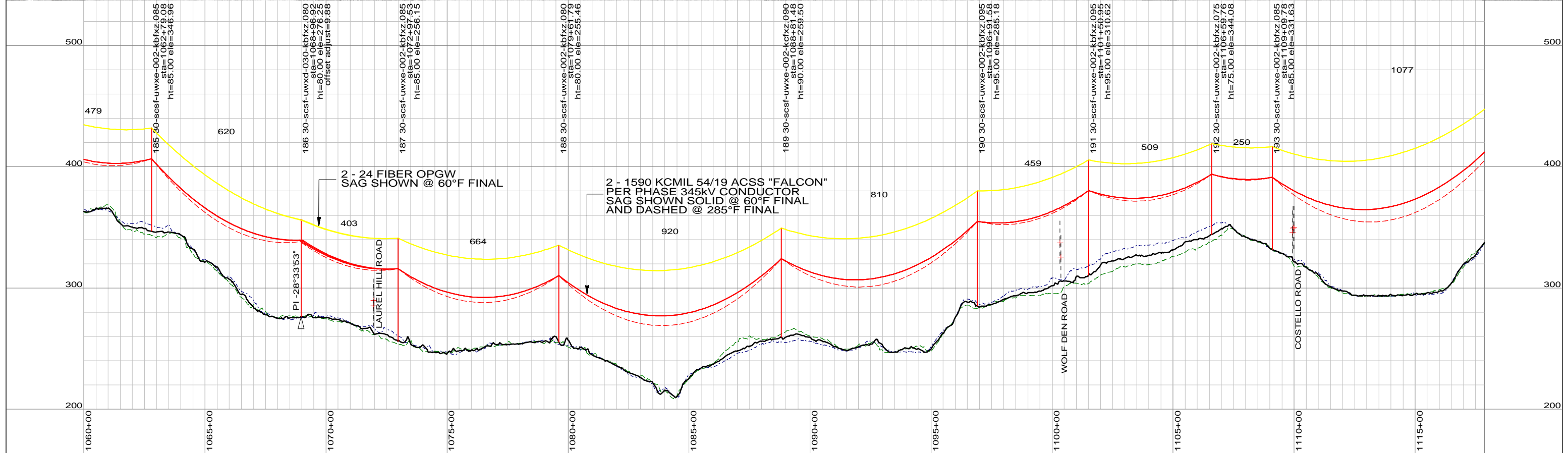
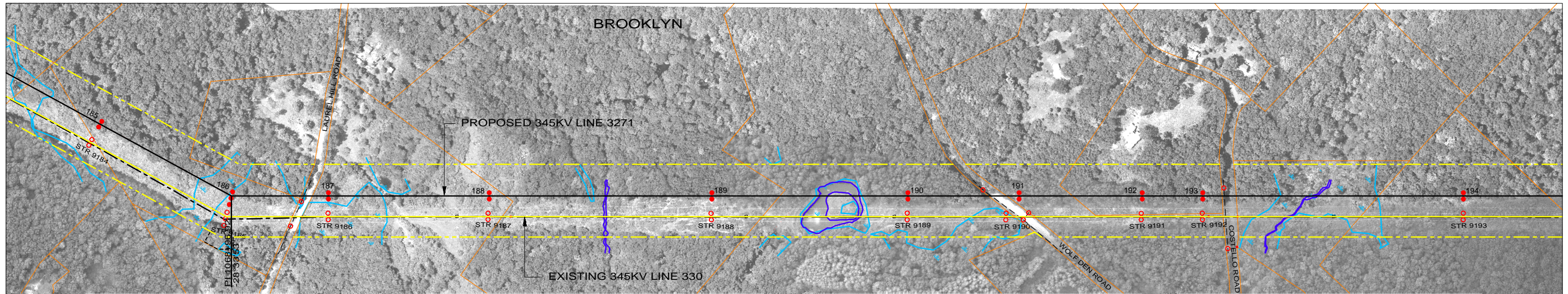


Northeast Utilities Service Co.

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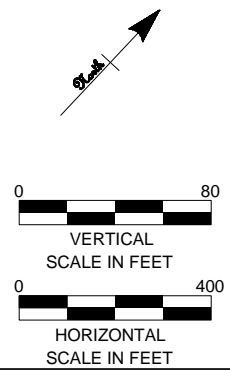
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 19 OF 24
LINE 3271**

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



		PRELIMINARY DESIGN			
		SUBJECT TO CHANGE			
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH	
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

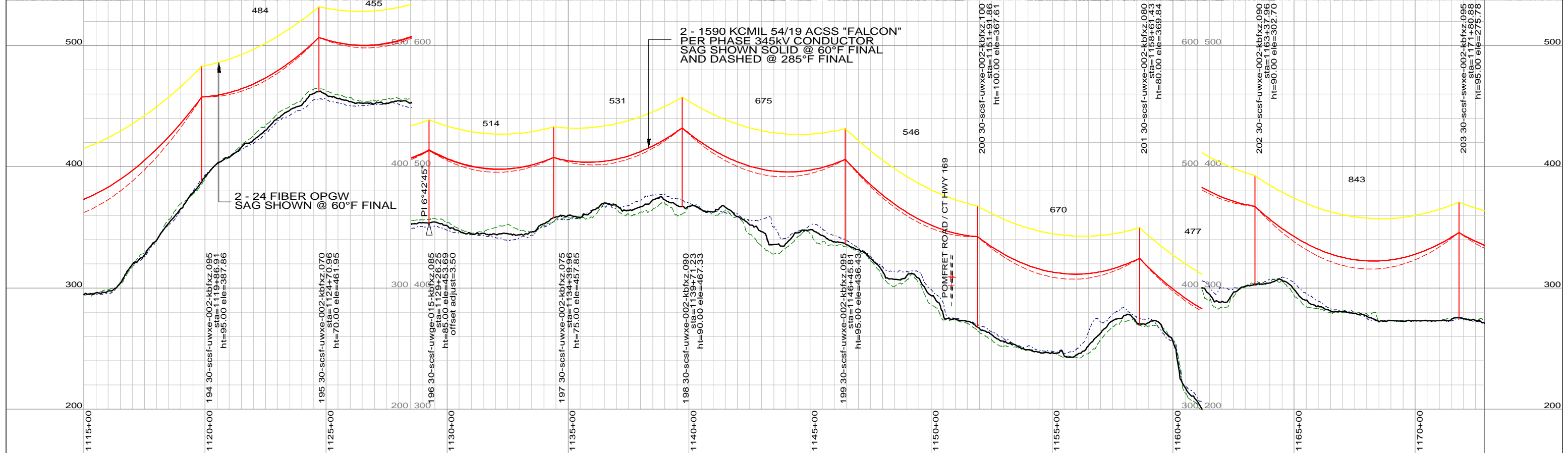
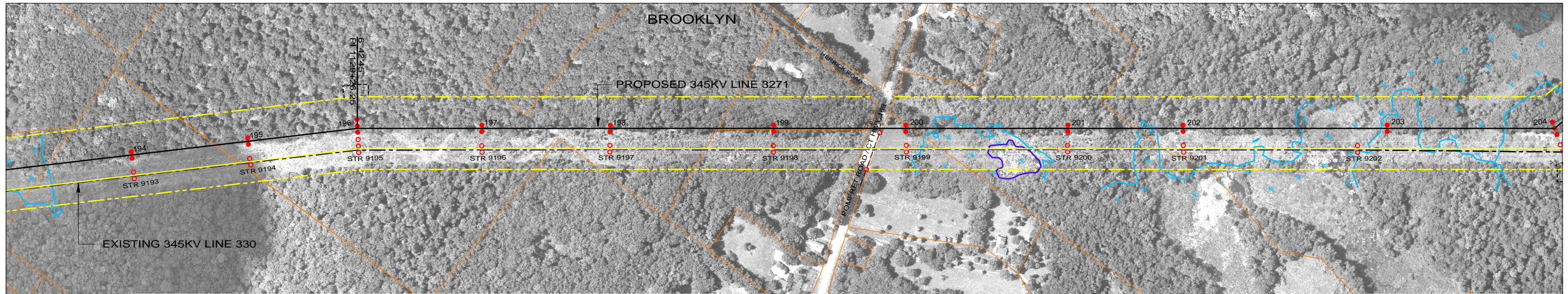


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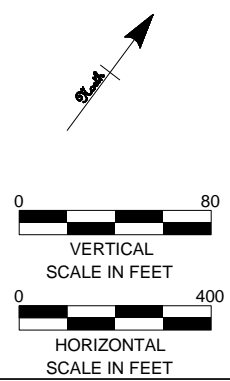
TITLE
**INTERSTATE RELIABILITY PROJECT
 BABCOCK HILL JCT - DAY STREET JCT
 PLAN & PROFILE SHEET 20 OF 24
 LINE 3271**

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
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H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	—



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

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TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 21 OF 24
LINE 3271**

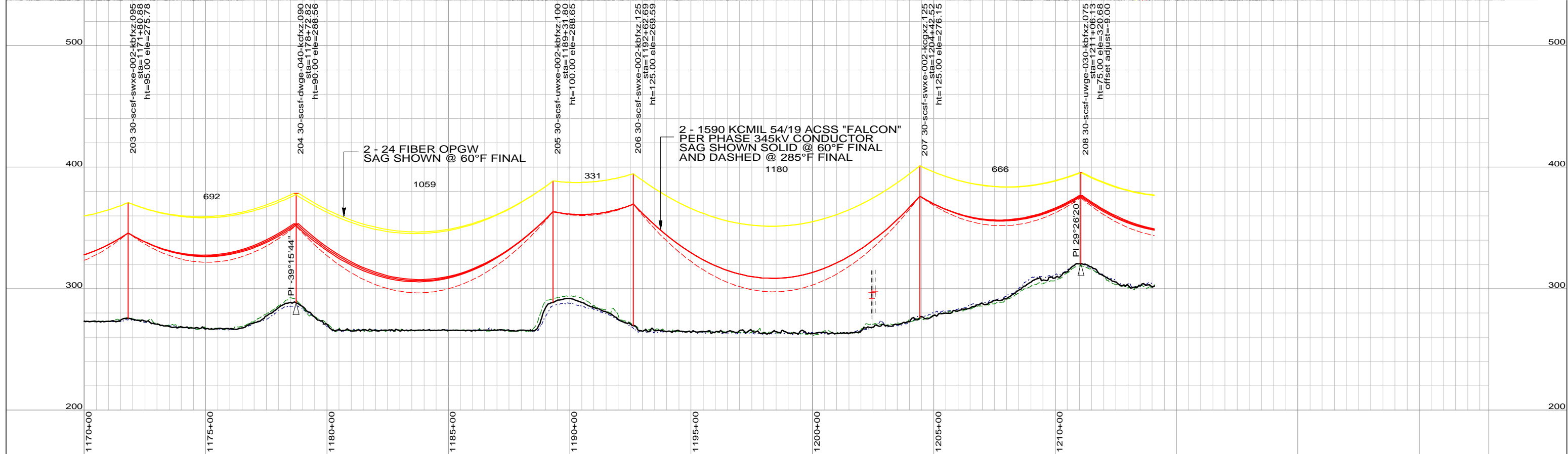
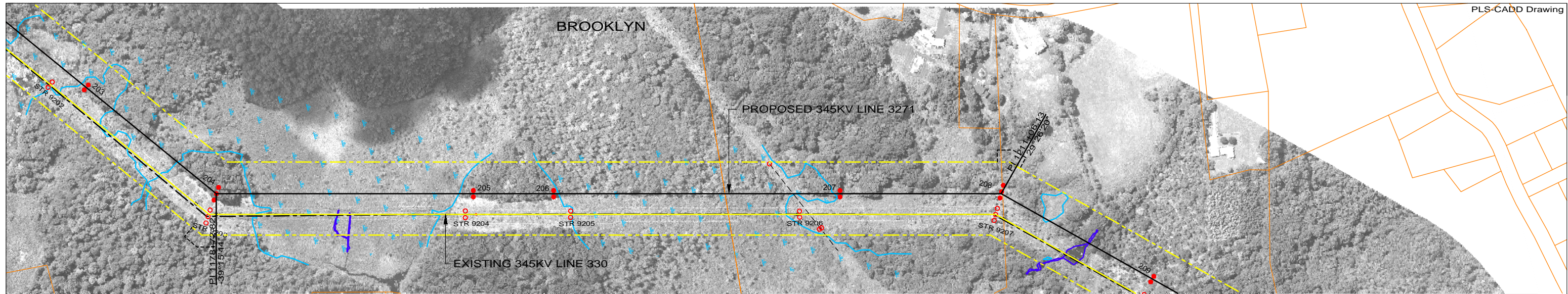
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

46197

date 06/01/2010 detailed D. Laursen

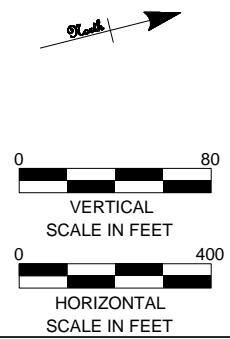
designed S. Casteel checked M. Hatfield

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	—



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

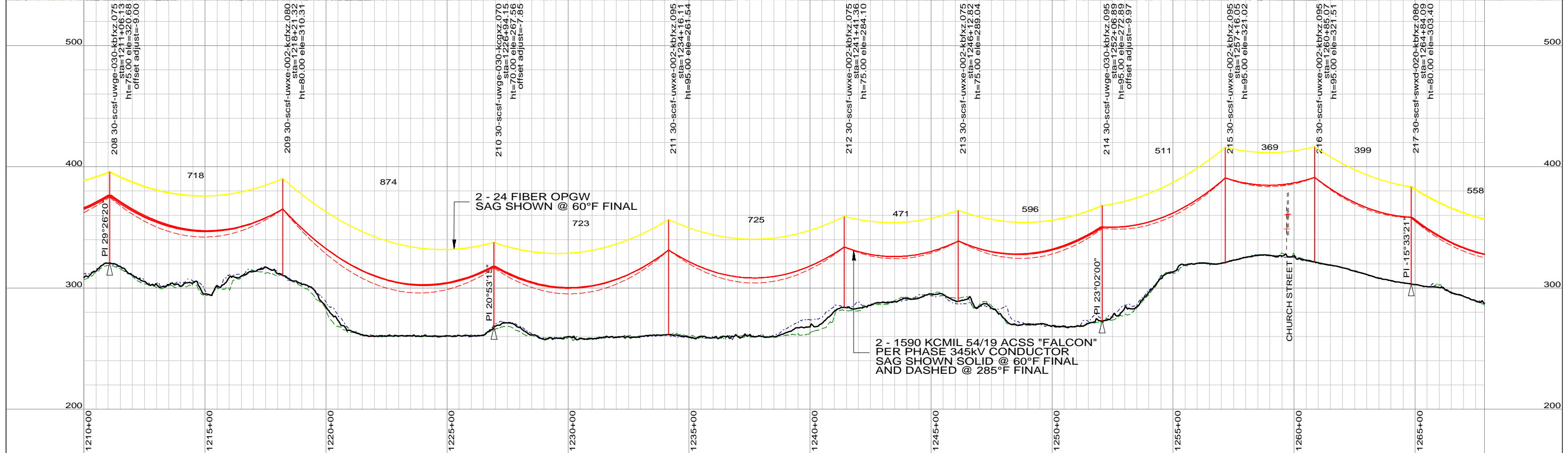
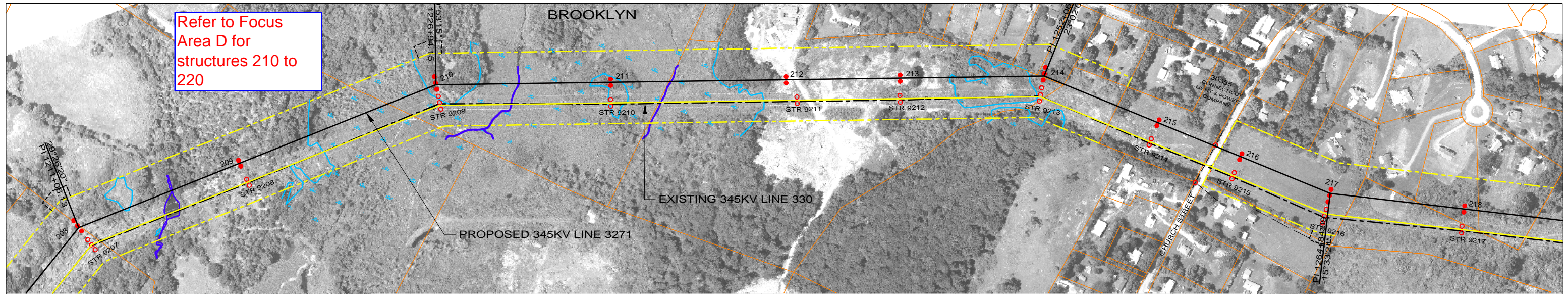


Northeast Utilities Service Co.

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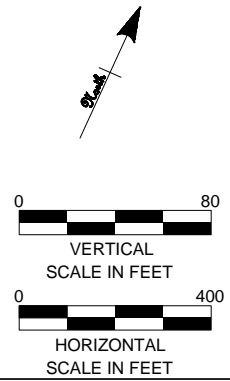
TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 22 OF 24
LINE 3271**

BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1"=80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	—



**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

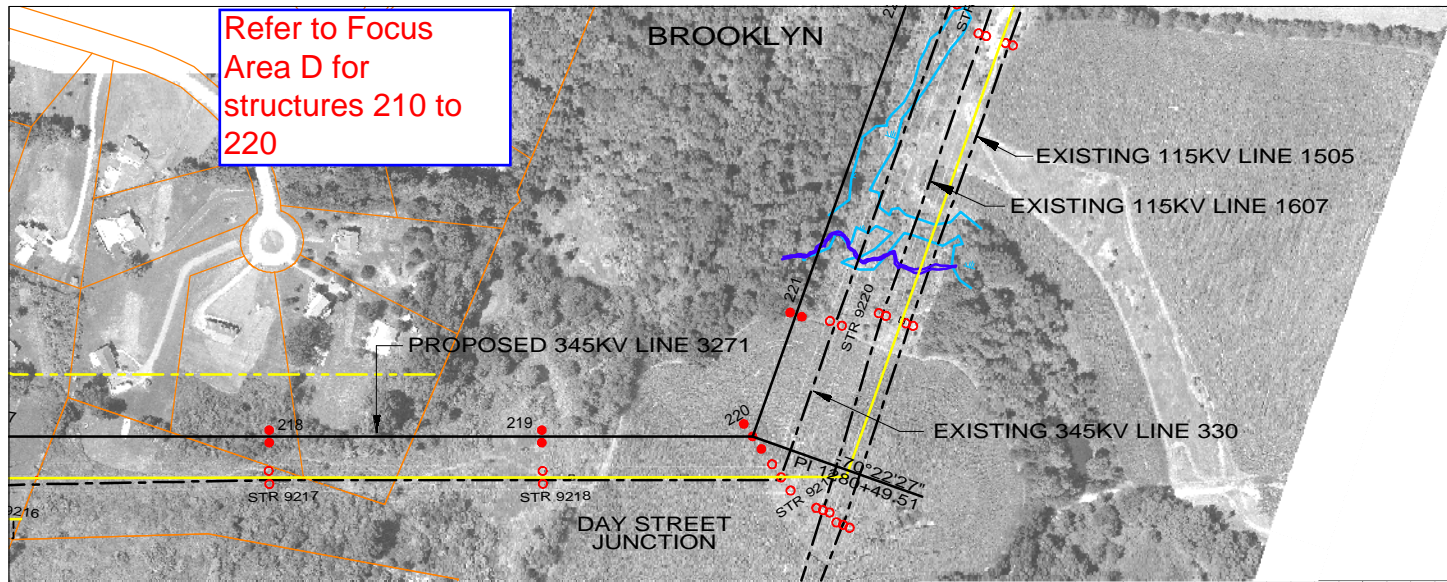


Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
BABCOCK HILL JCT - DAY STREET JCT
PLAN & PROFILE SHEET 23 OF 24
LINE 3271**

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -

VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET

PRELIMINARY DESIGN						
SUBJECT TO CHANGE						
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

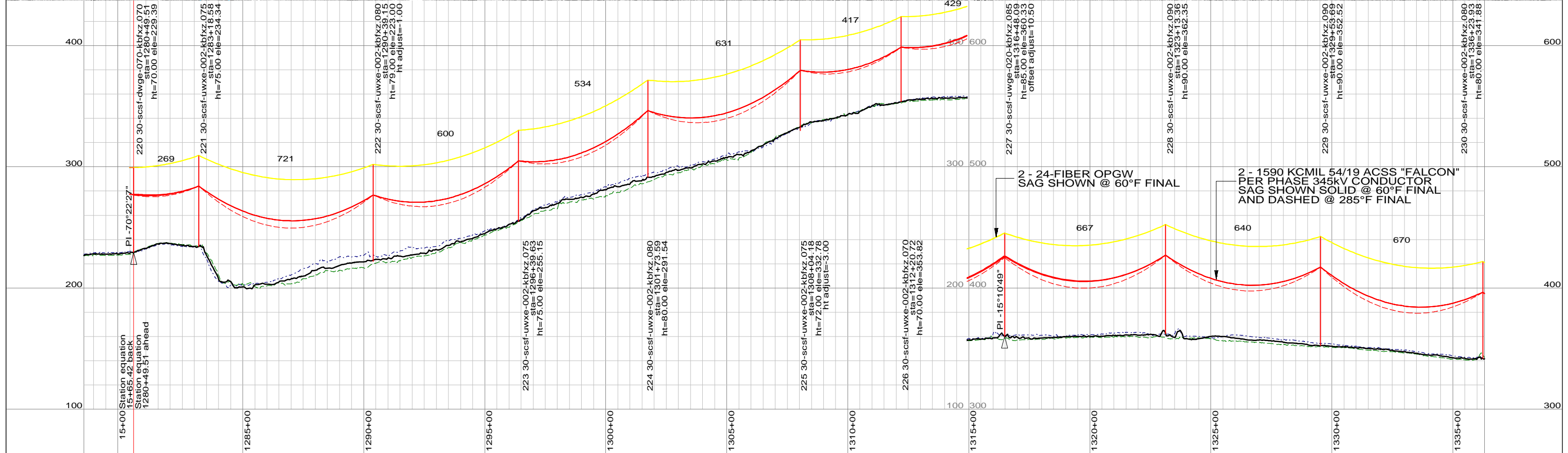
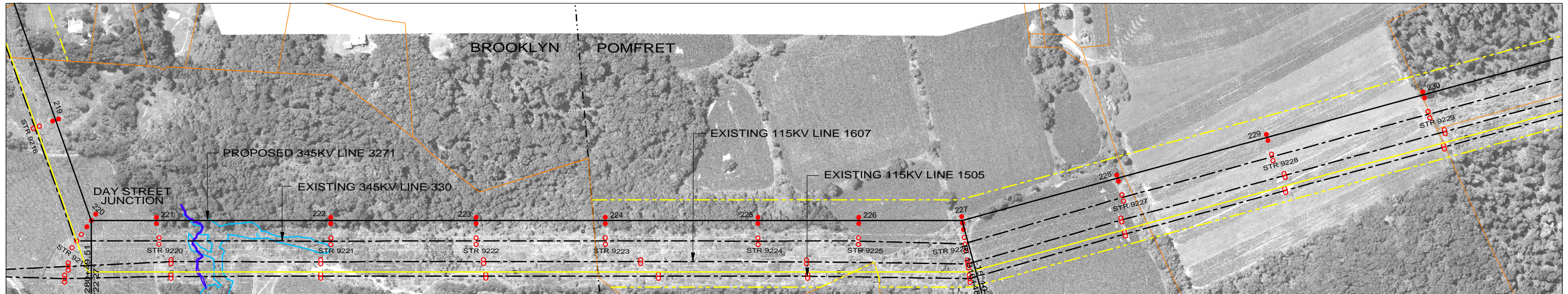
46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

FOR CONNECTICUT LIGHT & POWER

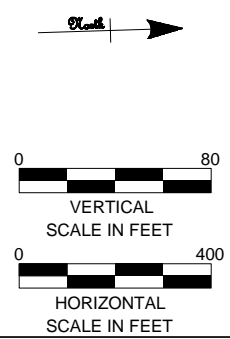
TITLE
**INTERSTATE RELIABILITY PROJECT
 BABCOCK HILL JCT - DAY STREET JCT
 PLAN & PROFILE SHEET 24 OF 24
 LINE 3271**

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	- . - .	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

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TITLE
INTERSTATE RELIABILITY PROJECT
DAY STREET JCT - LAKE RD S/S
PLAN & PROFILE SHEET 1 OF 6
LINE 3271

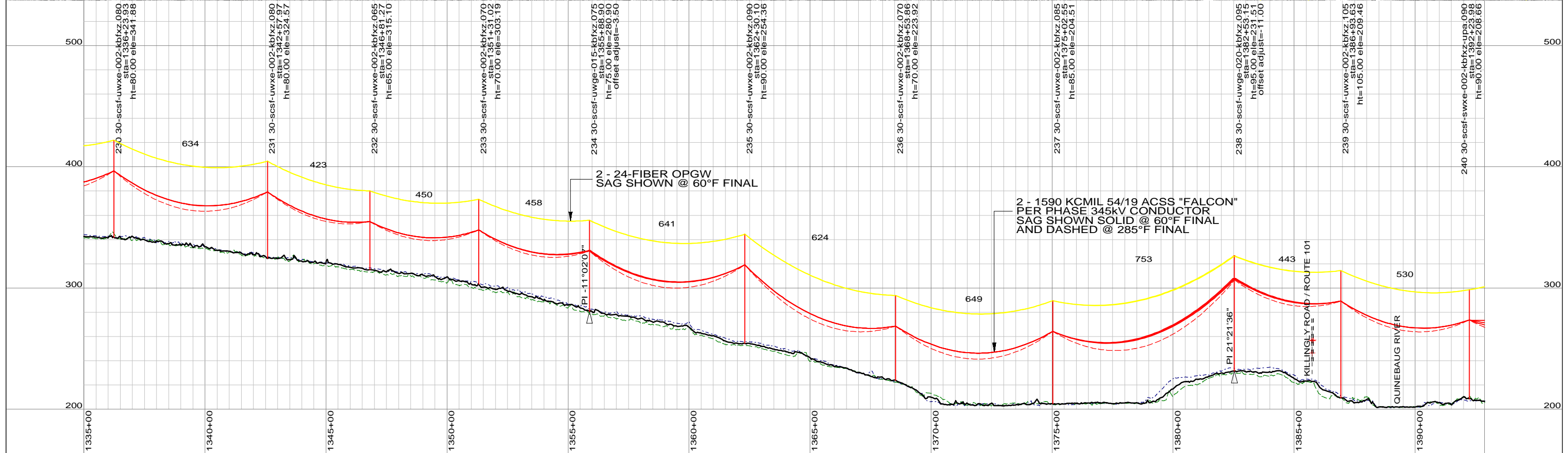
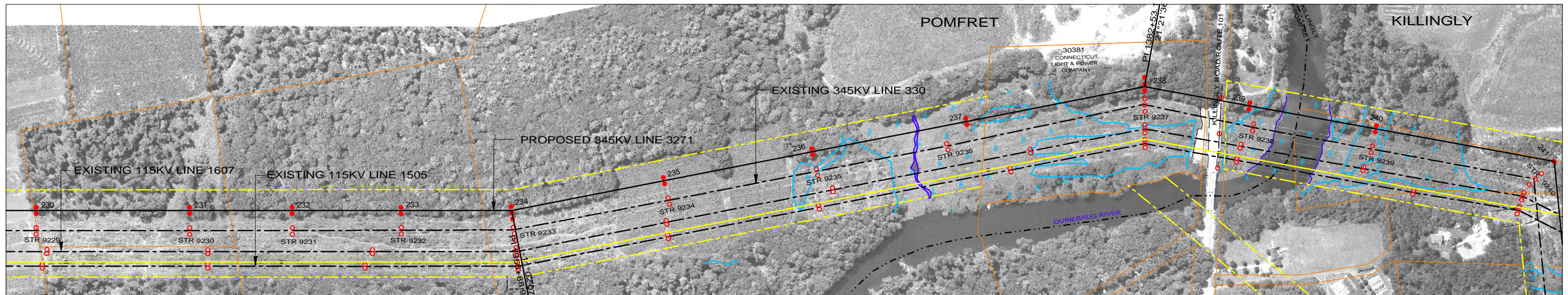
46197

date 06/01/2010 detailed D. Laursen

designed S. Casteel checked M. Hatfield

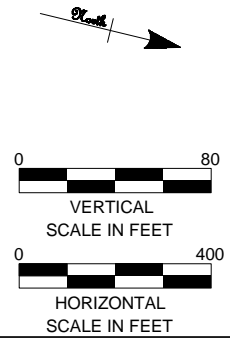
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	---
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

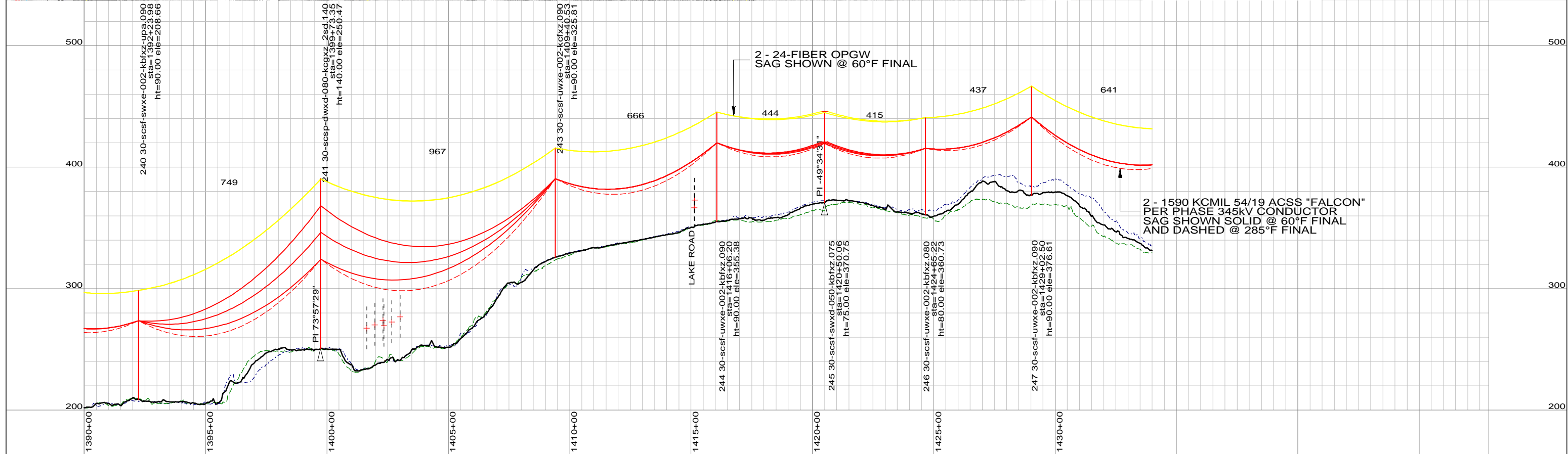
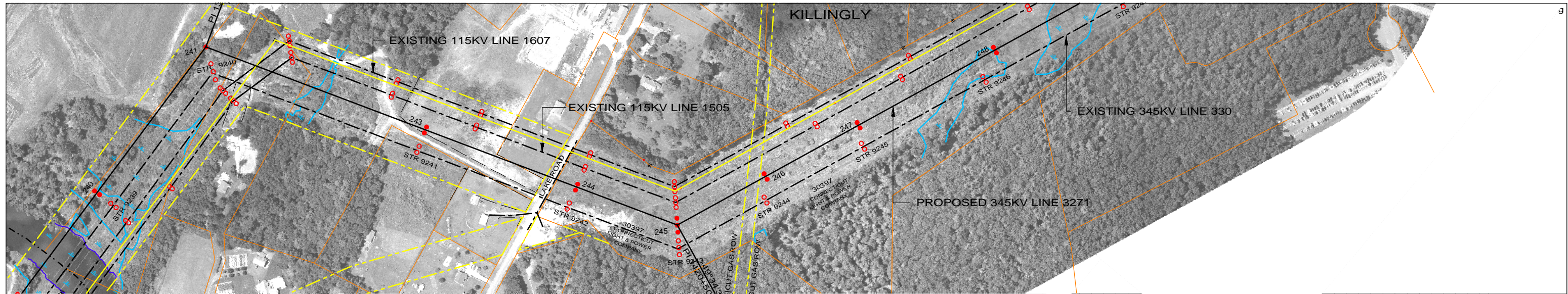
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



Northeast Utilities Service Co.

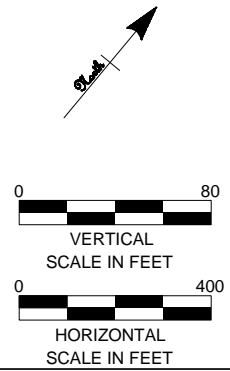
FOR CONNECTICUT LIGHT & POWER

TITLE			
INTERSTATE RELIABILITY PROJECT DAY STREET JCT - LAKE RD S/S PLAN & PROFILE SHEET 2 OF 6 LINE 3271			
BY	BMCD	CHKD	APP
DATE	06/01/10	DATE	DATE
V-SCALE	1"=80'	SIZE	B
H-SCALE	1"=400'	V.S.	
R.E. PROJ. NUMBER		FIELD BOOK & PAGES	
		R.E.DWG. NO.	
		NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	- . - . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

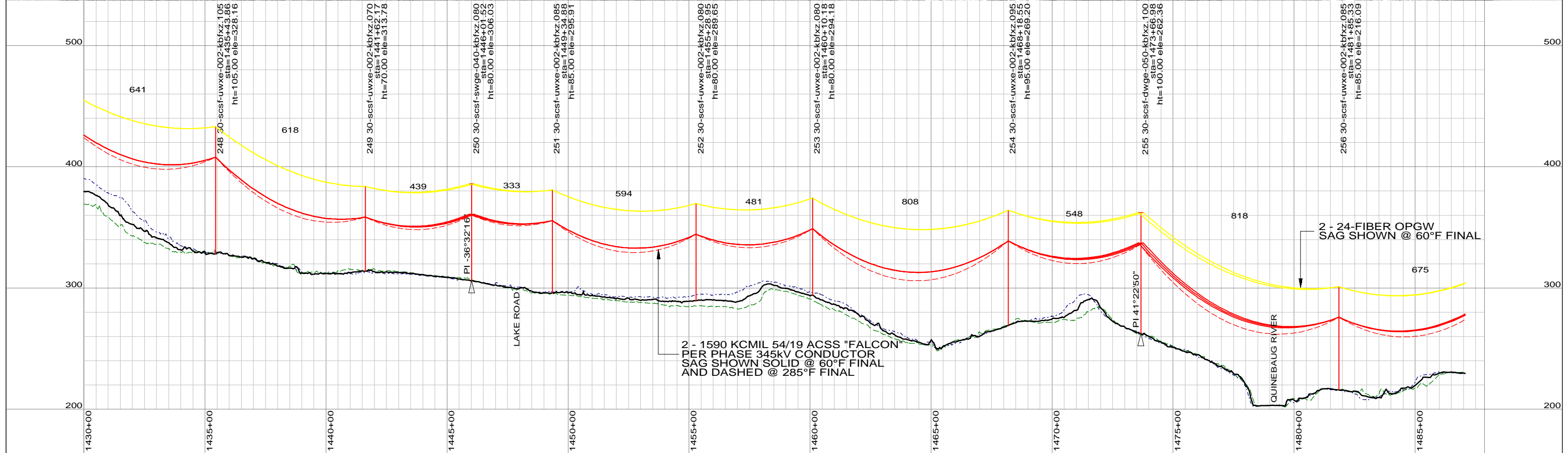
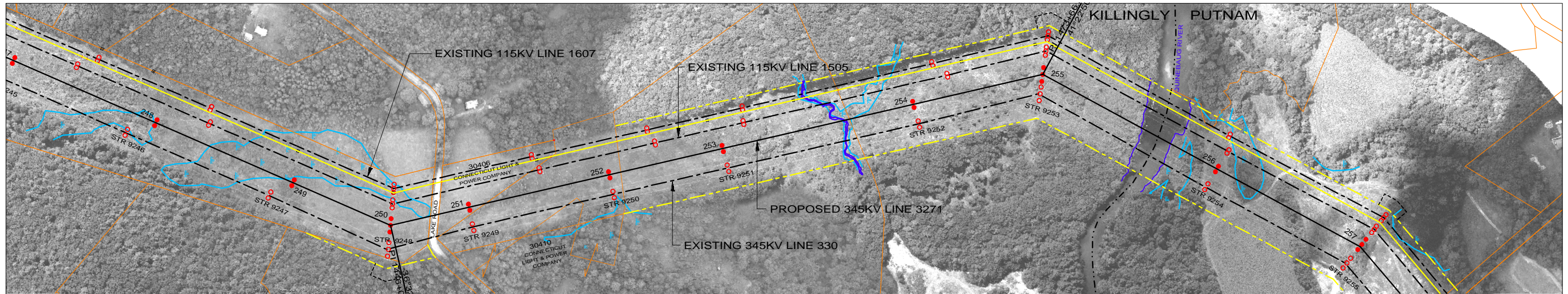
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



Northeast Utilities Service Co.

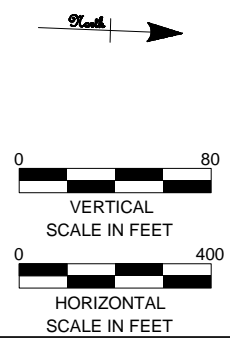
FOR CONNECTICUT LIGHT & POWER

TITLE			
INTERSTATE RELIABILITY PROJECT DAY STREET JCT - LAKE RD S/S PLAN & PROFILE SHEET 3 OF 6 LINE 3271			
BY	BMcD	CHKD	APP
DATE	06/01/10	DATE	DATE
V-SCALE	1":80'	SIZE	B
H-SCALE	1":400'	V.S.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.
FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
DAY STREET JCT - LAKE RD S/S
PLAN & PROFILE SHEET 4 OF 6
LINE 3271**

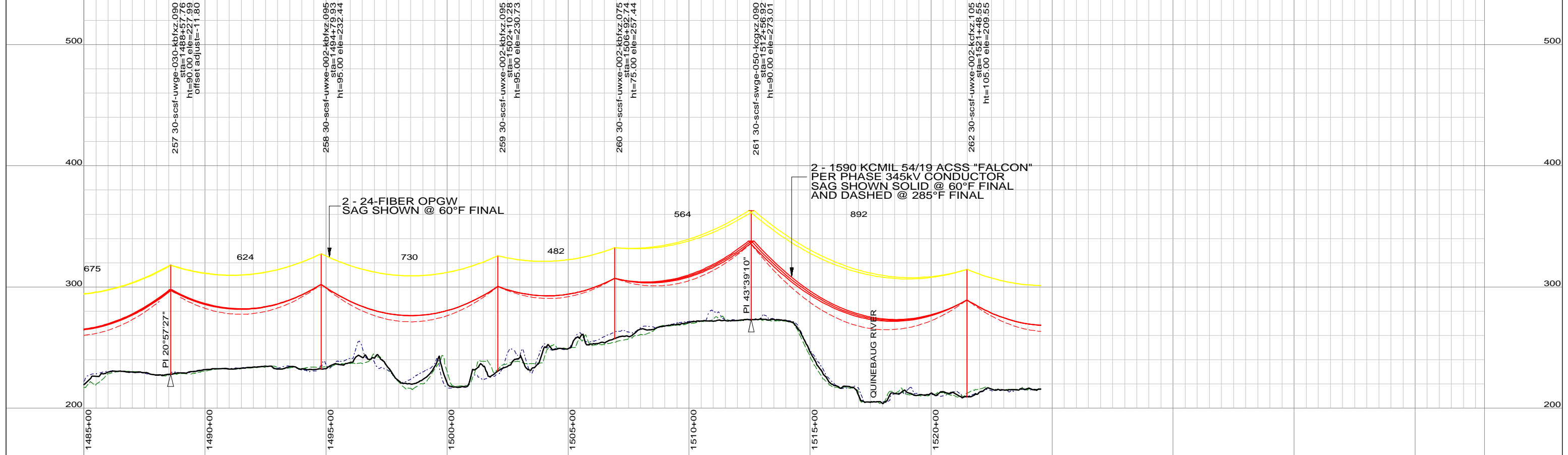
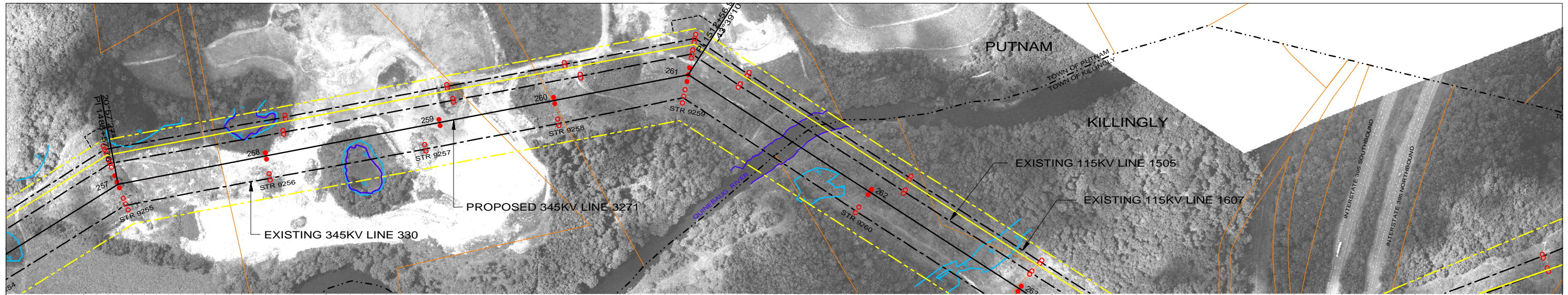
BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1"=80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	

46197

date 06/01/2010 detailed D. Laursen

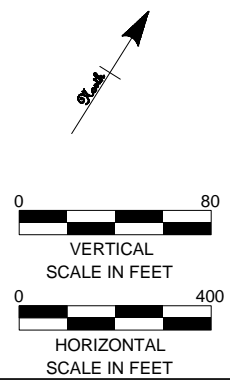
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



		PRELIMINARY DESIGN			
		SUBJECT TO CHANGE			
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH	
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP



46197

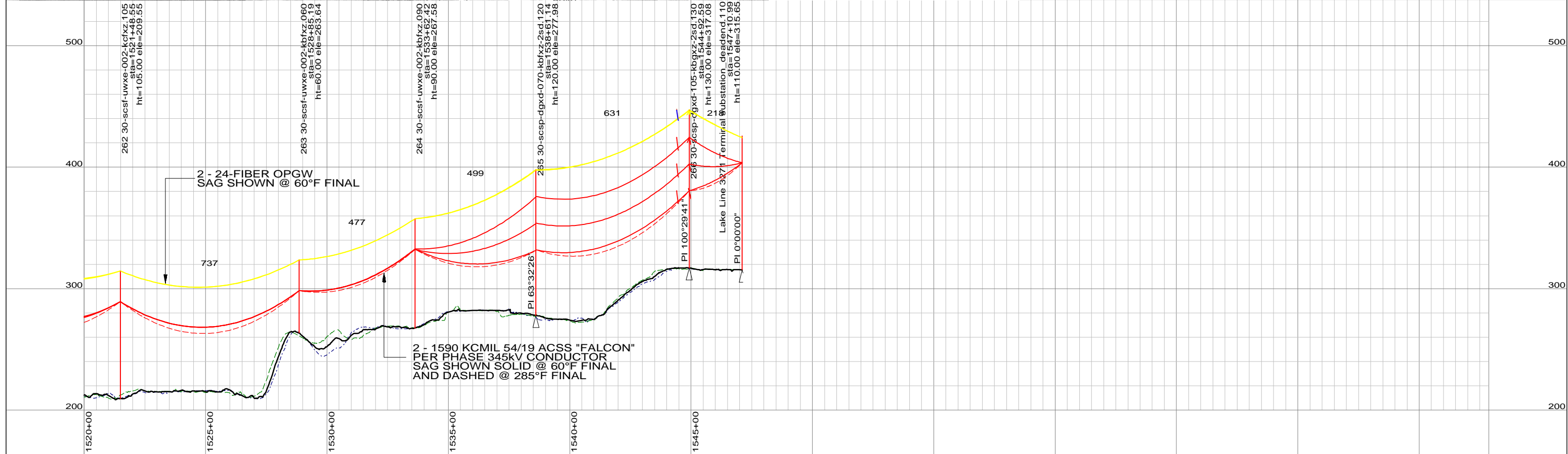
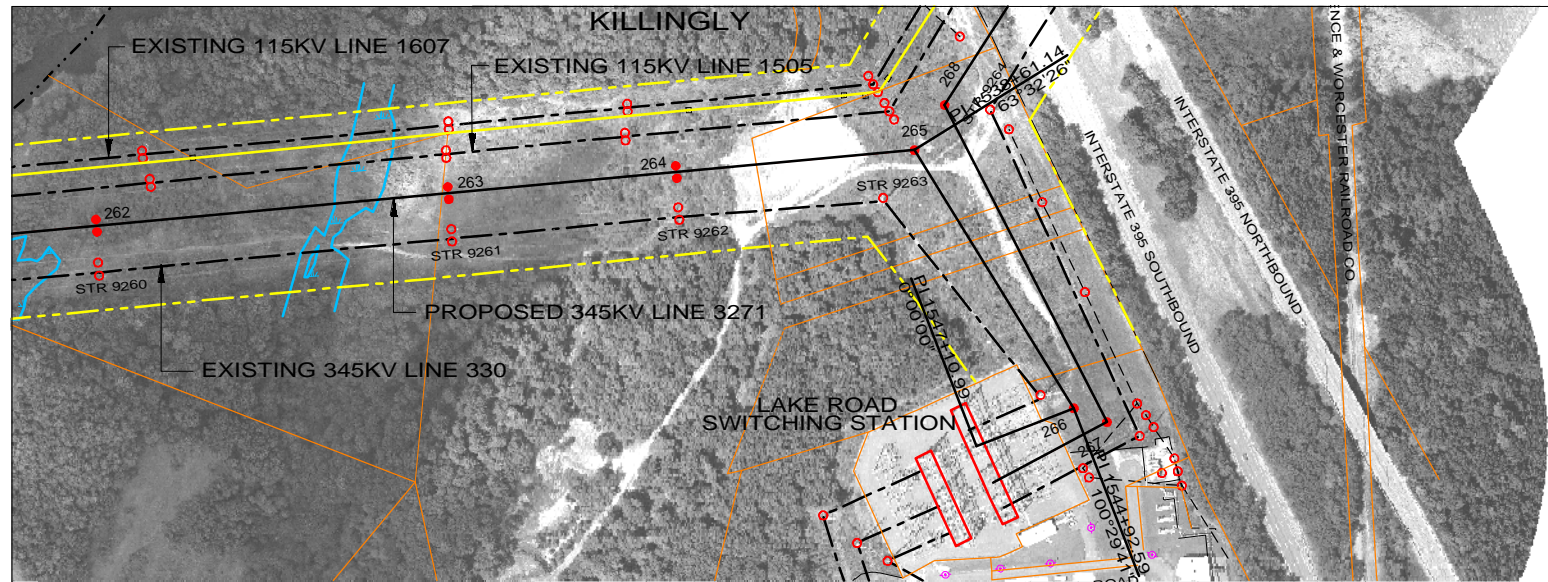
date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield



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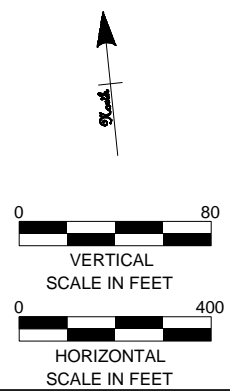
FOR CONNECTICUT LIGHT & POWER

TITLE				
INTERSTATE RELIABILITY PROJECT DAY STREET JCT - LAKE RD S/S PLAN & PROFILE SHEET 5 OF 6 LINE 3271				
BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



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date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

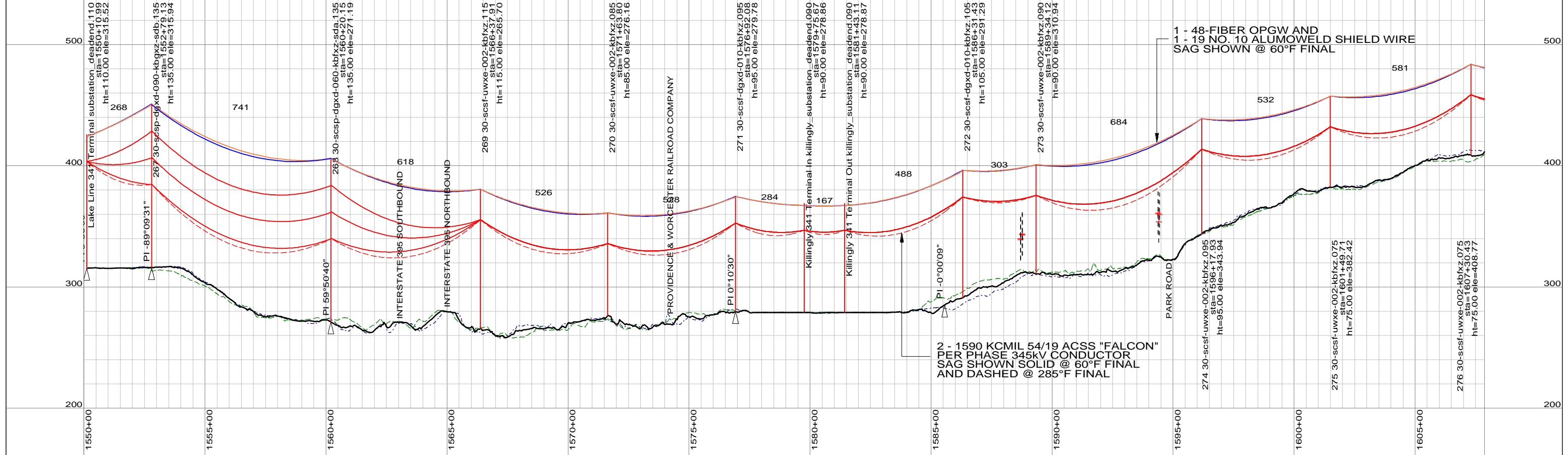
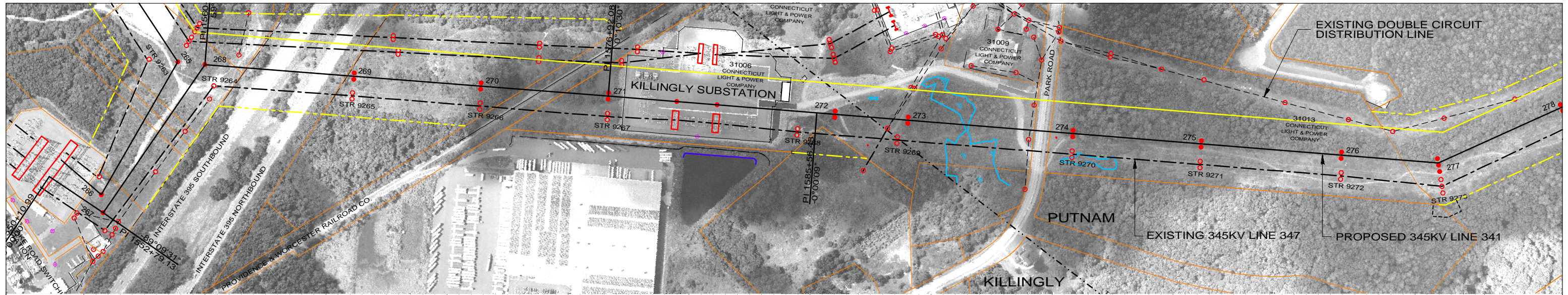


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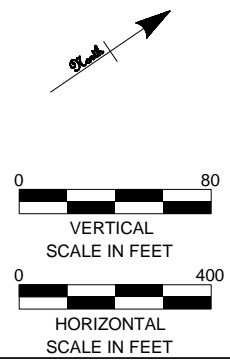
TITLE
**INTERSTATE RELIABILITY PROJECT
DAY STREET JCT - LAKE RD S/S
PLAN & PROFILE SHEET 6 OF 6
LINE 3271**

BY	DATE	CHKD	DATE	APP	DATE
BMcD	06/01/10	CHKD		APP	
V-SCALE 1":80'		SIZE B	FIELD BOOK & PAGES		
H-SCALE 1":400'		V.S.	R.E.DWG. NO.		
R.E. PROJ. NUMBER				NUSCO DWG NO.	



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

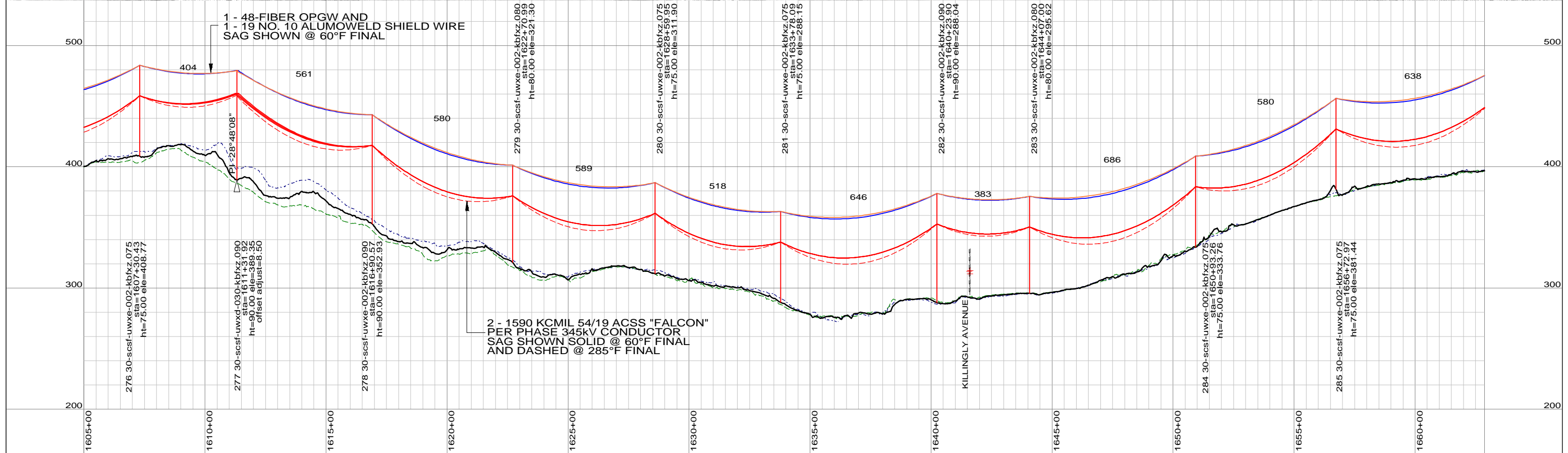
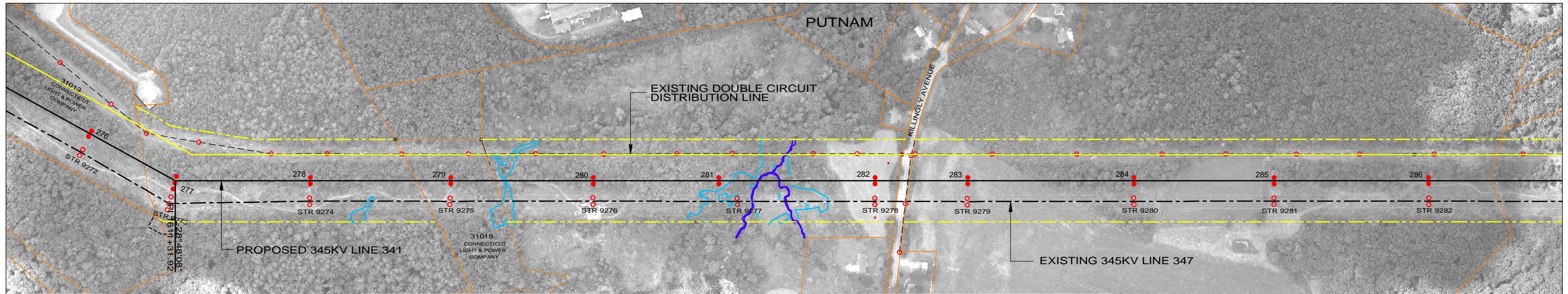


Northeast Utilities Service Co.

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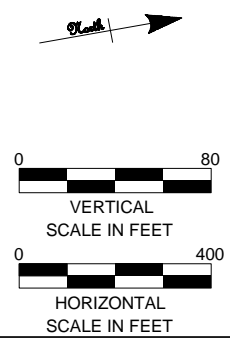
TITLE
**INTERSTATE RELIABILITY PROJECT
LAKE RD S/S - RHODE ISLAND STATE LINE
PLAN & PROFILES SHEET 1 OF 8
LINE 341**

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
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H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

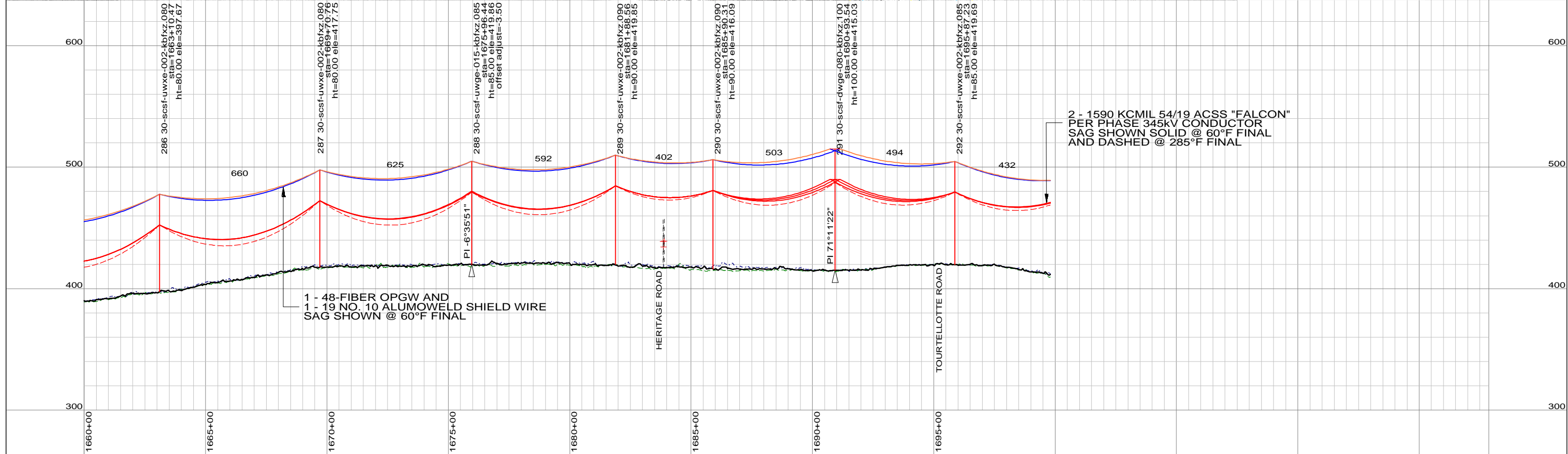
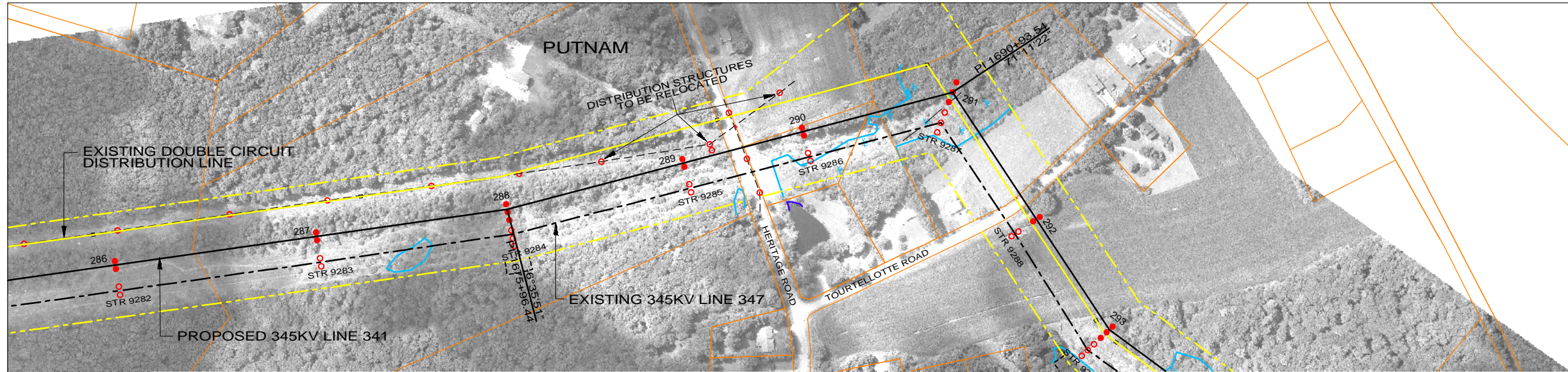


Northeast Utilities Service Co.

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TITLE INTERSTATE RELIABILITY PROJECT
LAKE RD S/S - RHODE ISLAND STATE LINE
PLAN & PROFILES SHEET 2 OF 8
LINE 341

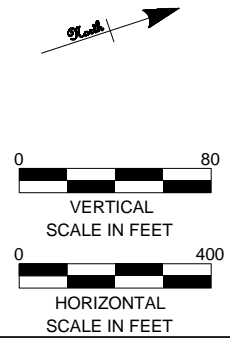
BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



2 - 1590 KCMIL 54/19 ACSS "FALCON" PER PHASE 345kV CONDUCTOR
SAG SHOWN SOLID @ 60°F FINAL AND DASHED @ 285°F FINAL

1 - 48-FIBER OPGW AND 1 - 19 NO. 10 ALUMOWELD SHIELD WIRE
SAG SHOWN @ 60°F FINAL

LEGEND	
PROPOSED 345kV CENTERLINE	—
EXISTING TRANSMISSION CENTERLINE	- - -
EXISTING DISTRIBUTION CENTERLINE	- - - - -
LINE OF LOCATION	—
EXISTING ROW	—
PROPOSED ROW	—
PROPERTY LINE	—
TOWN/STATE BOUNDARY	—
PROPOSED STRUCTURE	●
STRUCTURE REMAIN	○
STRUCTURE REMOVE	⊗
WIRE CROSSING	+
WETLANDS	~
WATER	~
GND PROFILE LEFT 26'	—
GND PROFILE CENTER	—
GND PROFILE RIGHT 26'	—
EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

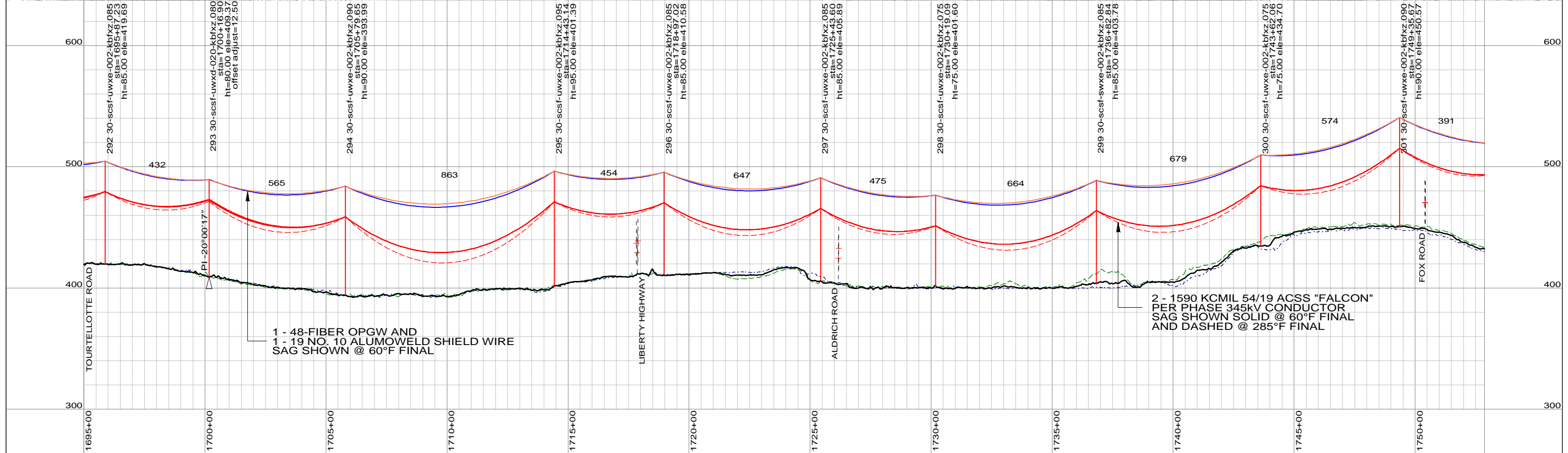
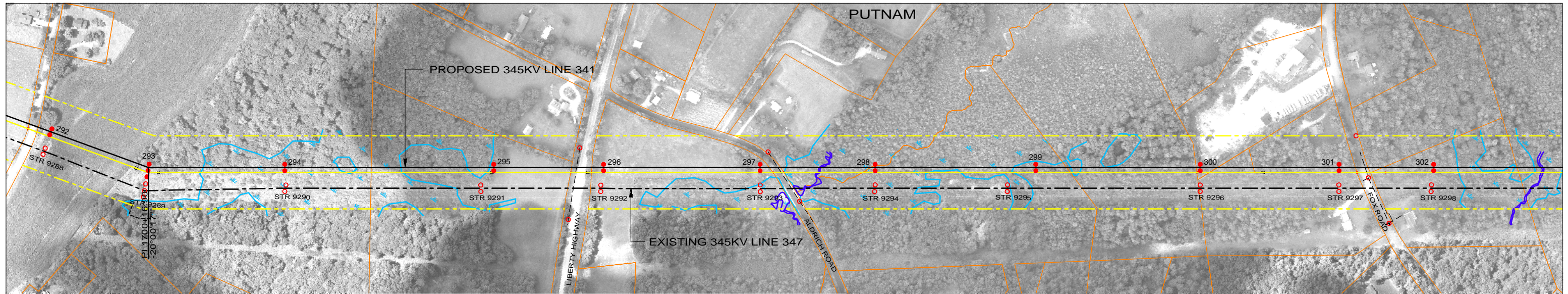


Northeast Utilities Service Co.

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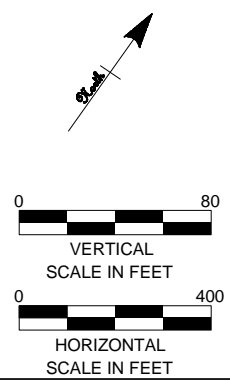
TITLE INTERSTATE RELIABILITY PROJECT
LAKE RD S/S - RHODE ISLAND STATE LINE
PLAN & PROFILES SHEET 3 OF 8
LINE 341

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - -
		EXISTING GUY EASEMENT	- - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield



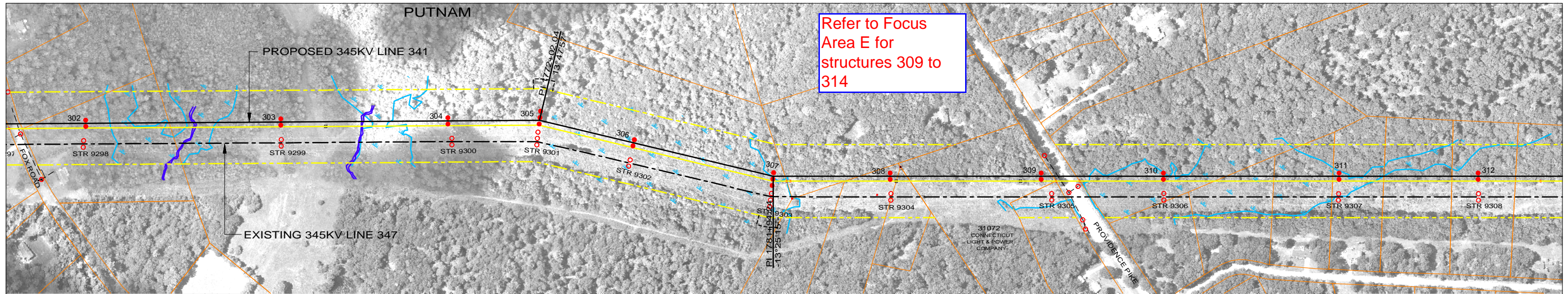
Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

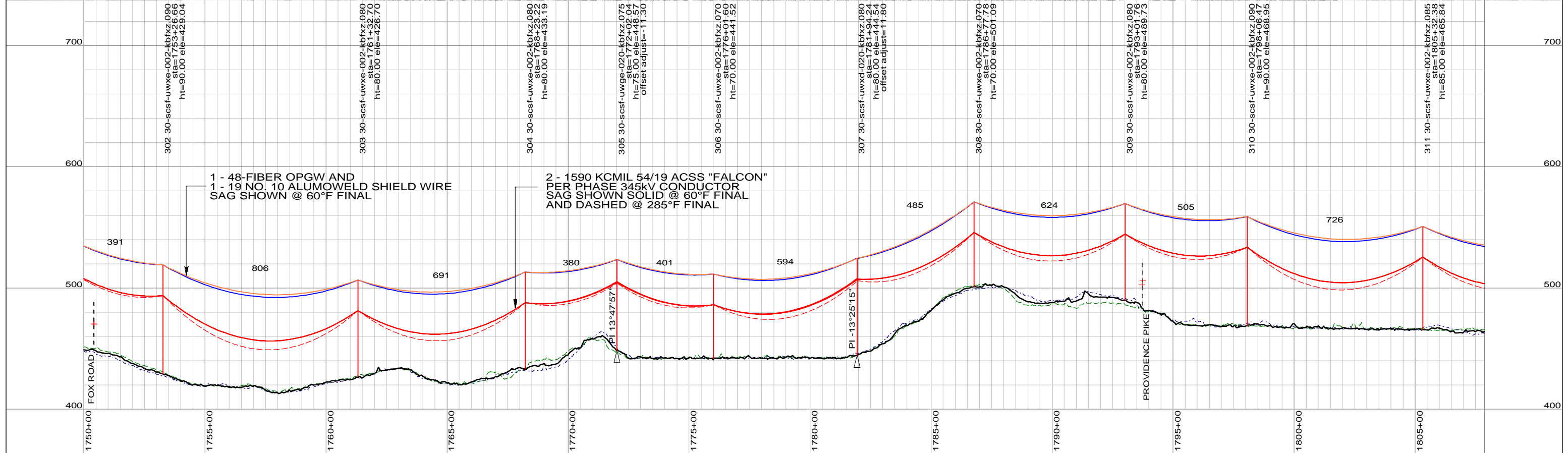
TITLE INTERSTATE RELIABILITY PROJECT
LAKE RD S/S - RHODE ISLAND STATE LINE
PLAN & PROFILES SHEET 4 OF 8
LINE 341

BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1"=80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

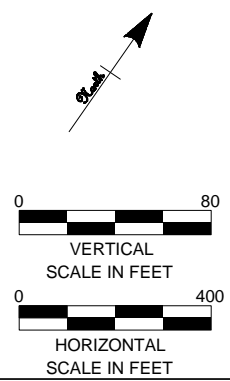


Refer to Focus Area E for structures 309 to 314



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	— — — —	WIRE CROSSING	+
EXISTING ROW	— — — —	WETLANDS	
PROPOSED ROW	— — — —	WATER	
PROPERTY LINE	— — — —	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	— · — ·	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN						
SUBJECT TO CHANGE						
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield



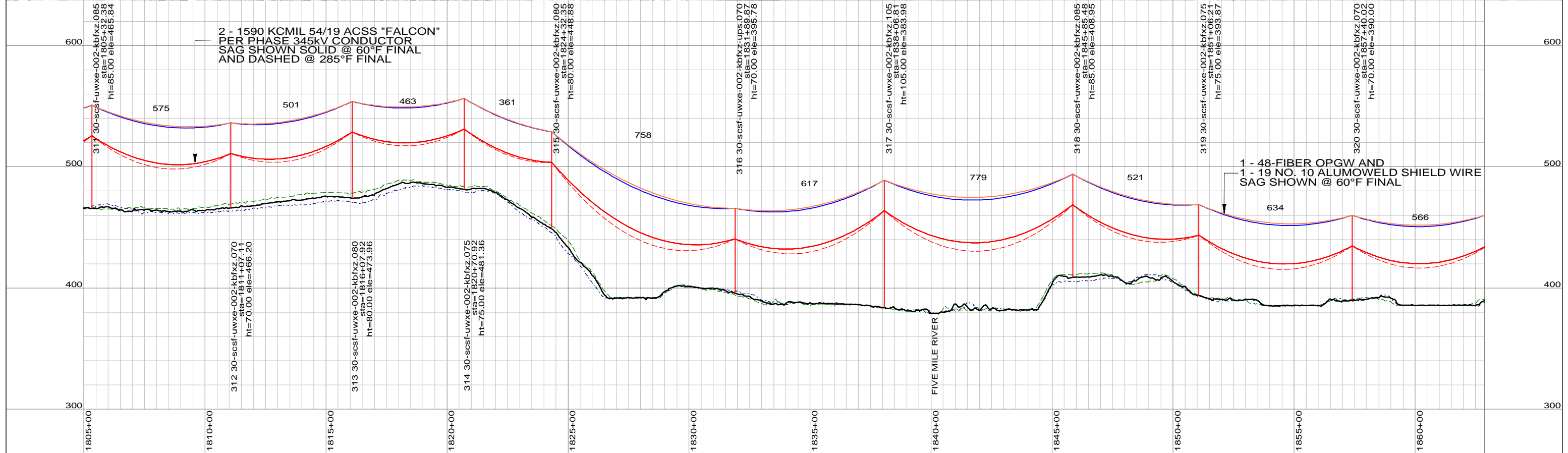
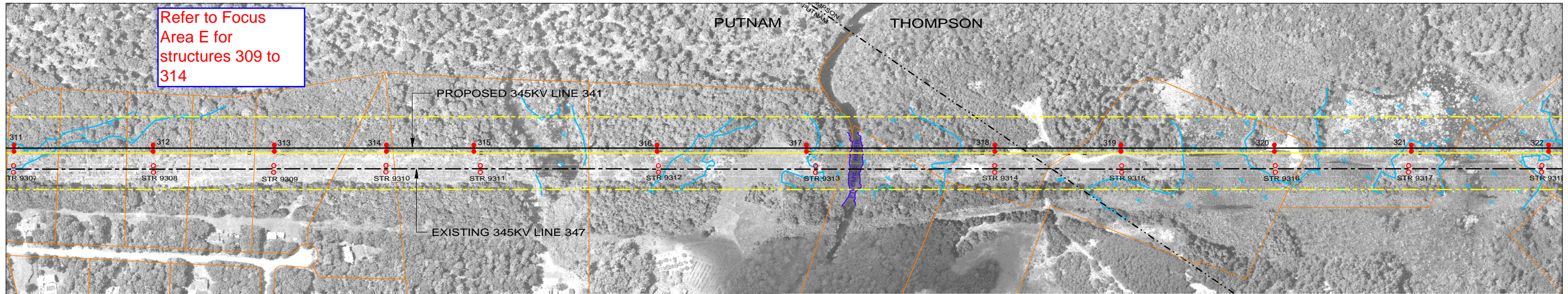
Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

TITLE INTERSTATE RELIABILITY PROJECT
LAKE RD S/S - RHODE ISLAND STATE LINE
PLAN & PROFILES SHEET 5 OF 8
LINE 341

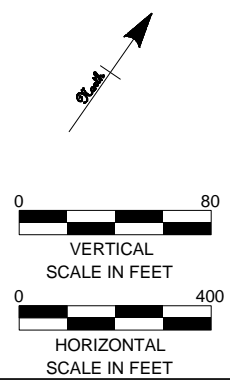
BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
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H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	

Refer to Focus Area E for structures 309 to 314



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN						
SUBJECT TO CHANGE						
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



46197

date 06/01/2010
 detailed D. Laursen
 designed S. Casteel
 checked M. Hatfield

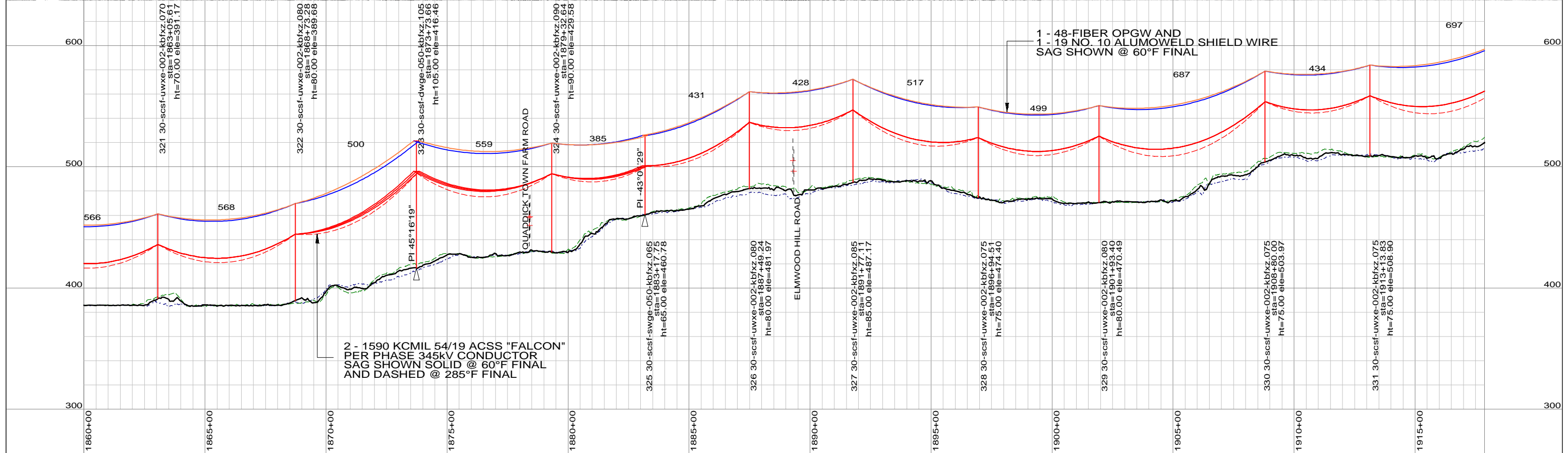
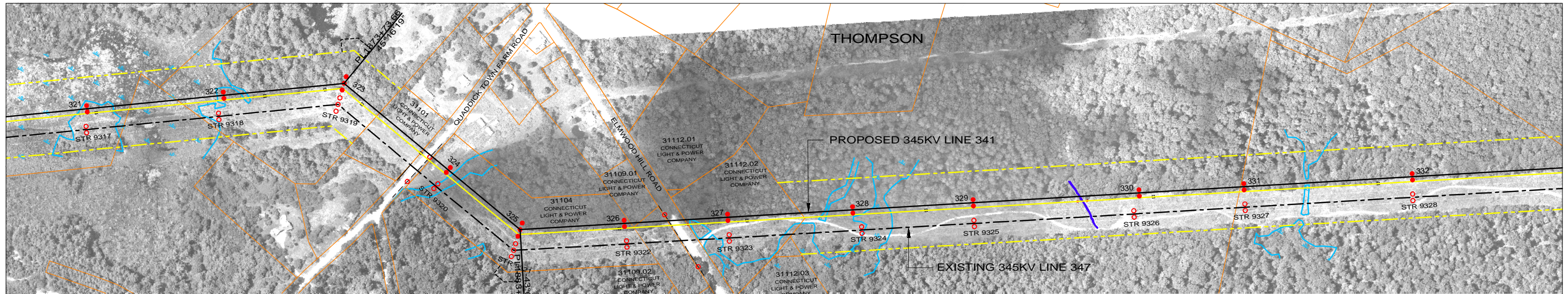


Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

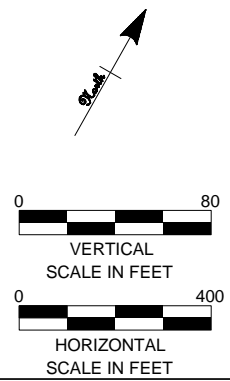
TITLE INTERSTATE RELIABILITY PROJECT
 LAKE RD S/S - RHODE ISLAND STATE LINE
 PLAN & PROFILES SHEET 6 OF 8
 LINE 341

BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
V-SCALE 1":80'	SIZE B	FIELD BOOK & PAGES	
H-SCALE 1":400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.
FOR CONNECTICUT LIGHT & POWER

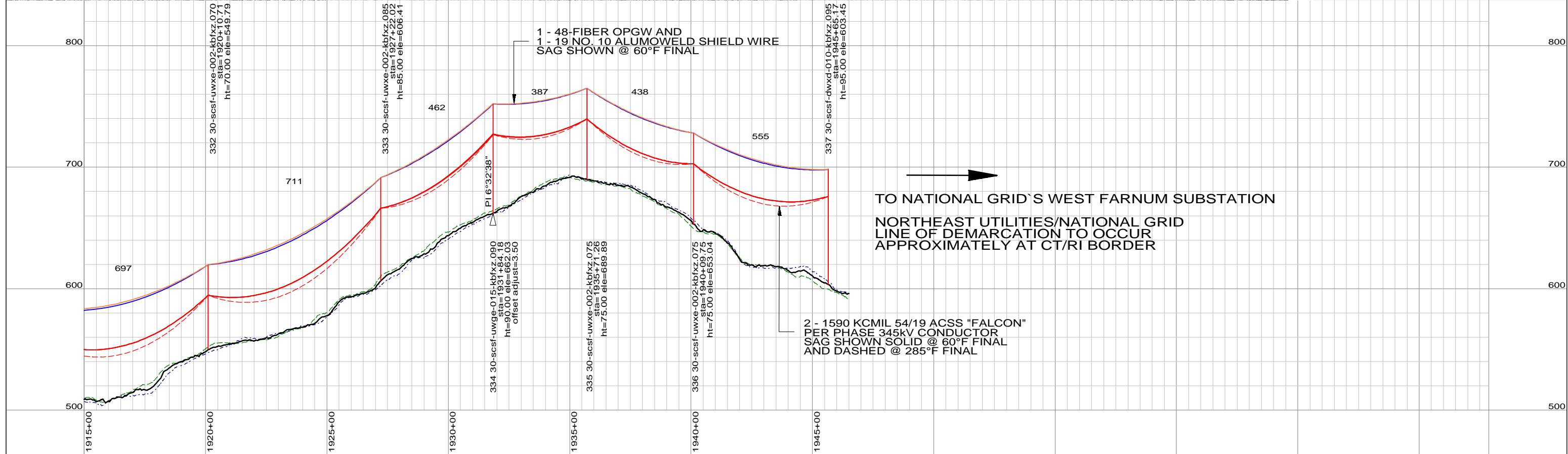
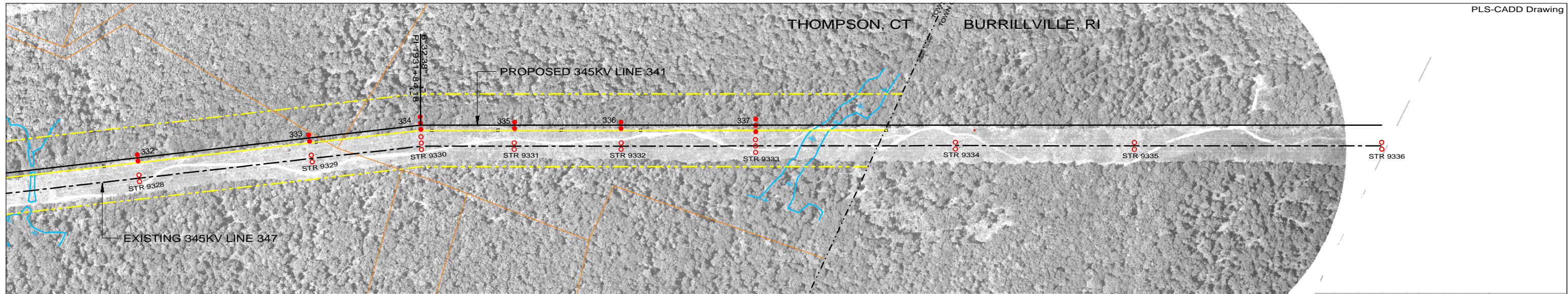
TITLE **INTERSTATE RELIABILITY PROJECT
LAKE RD S/S - RHODE ISLAND STATE LINE
PLAN & PROFILES SHEET 7 OF 8
LINE 341**

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

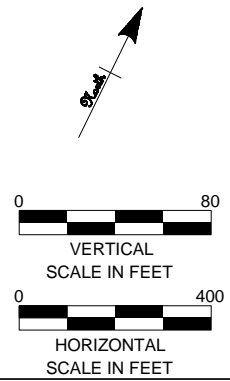
46197



TO NATIONAL GRID'S WEST FARNUM SUBSTATION
 NORTHEAST UTILITIES/NATIONAL GRID
 LINE OF DEMARCATION TO OCCUR
 APPROXIMATELY AT CT/RI BORDER

LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - -
TOWN/STATE BOUNDARY	- . . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - -
		EXISTING GUY EASEMENT	- - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
 designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



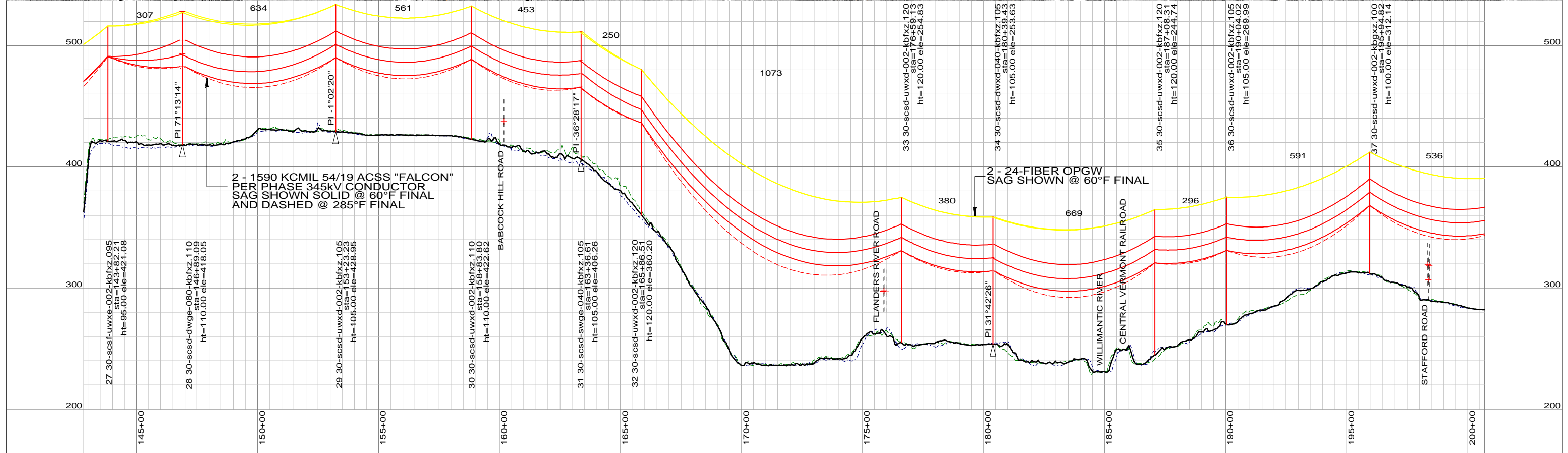
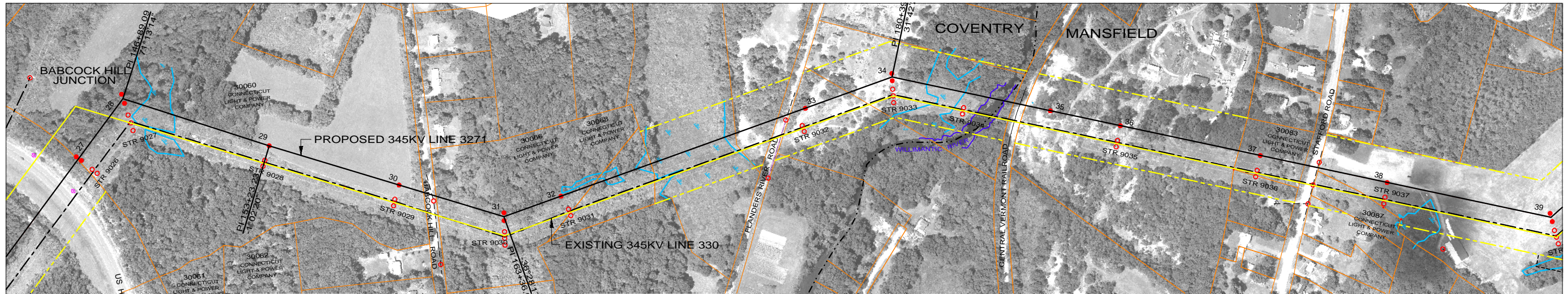
Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

TITLE INTERSTATE RELIABILITY PROJECT
 LAKE RD S/S - RHODE ISLAND STATE LINE
 PLAN & PROFILES SHEET 8 OF 8
 LINE 341

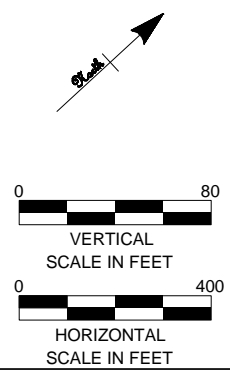
BY BMcD	CHKD	APP	APP
DATE 06/01/10	DATE	DATE	DATE
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H-SCALE 1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		NUSCO DWG NO.	

Focus Area A



LEGEND

PROPOSED 345kV CENTERLINE	—●—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—●—	WIRE CROSSING	+
EXISTING ROW	—●—	WETLANDS	
PROPOSED ROW	—●—	WATER	
PROPERTY LINE	—●—	GND PROFILE LEFT 26'	—●—
TOWN/STATE BOUNDARY	—●—	GND PROFILE CENTER	—●—
		GND PROFILE RIGHT 26'	—●—
		EXISTING GUY EASEMENT	—●—



**PRELIMINARY DESIGN
SUBJECT TO CHANGE**



46197

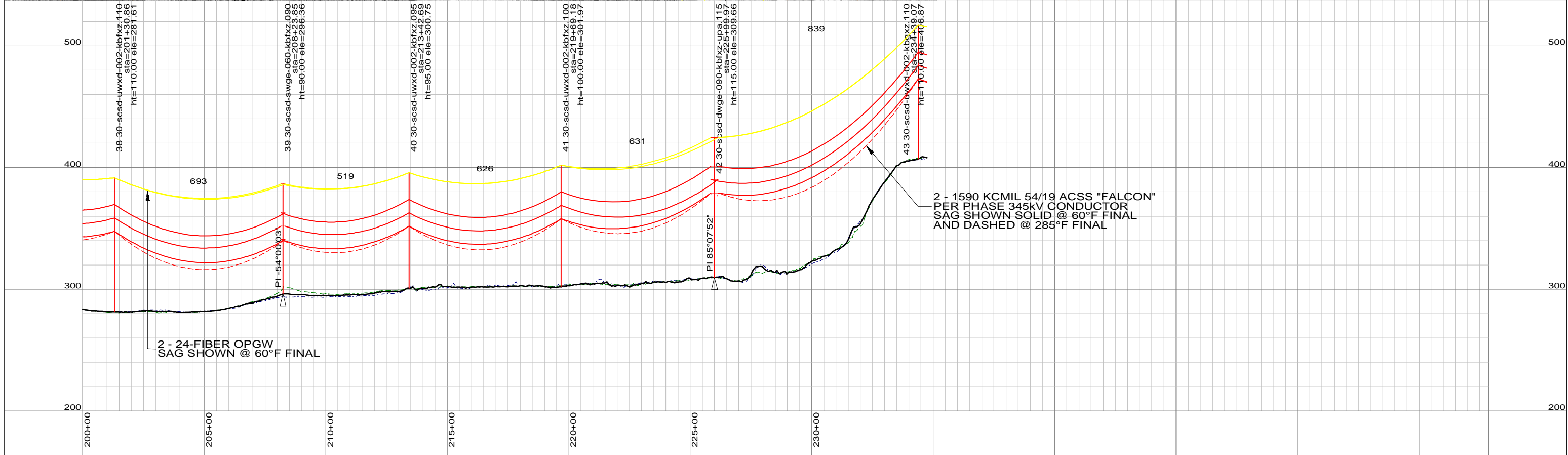
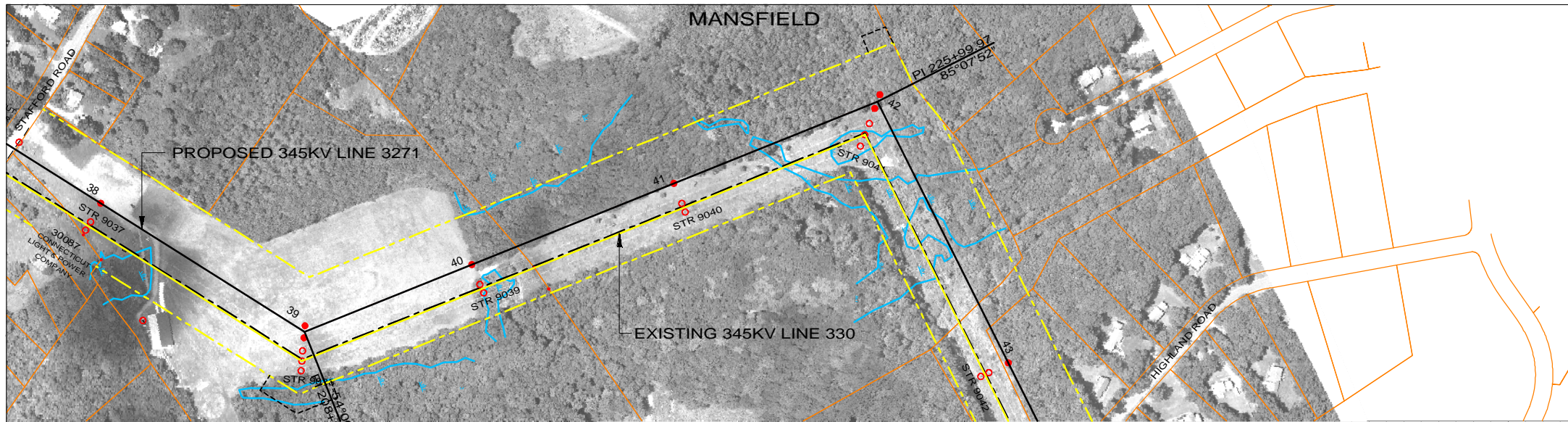
date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

Northeast Utilities Service Co.
FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
BEST MANAGEMENT PRACTICE FOCUS AREA A
PLAN & PROFILE SHEET 1 OF 3
LINE 3271**

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



2 - 1590 KCMIL 54/19 ACSS "FALCON" PER PHASE 345kV CONDUCTOR
SAG SHOWN SOLID @ 60°F FINAL AND DASHED @ 285°F FINAL

2 - 24-FIBER OPGW
SAG SHOWN @ 60°F FINAL

LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	—

PRELIMINARY DESIGN
SUBJECT TO CHANGE

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

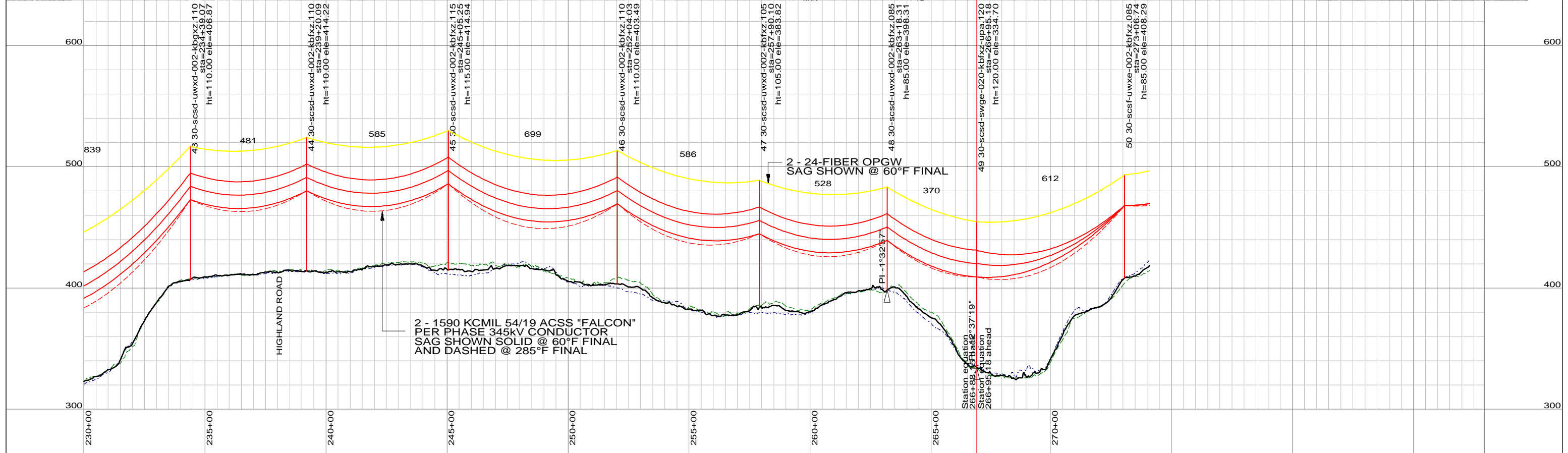
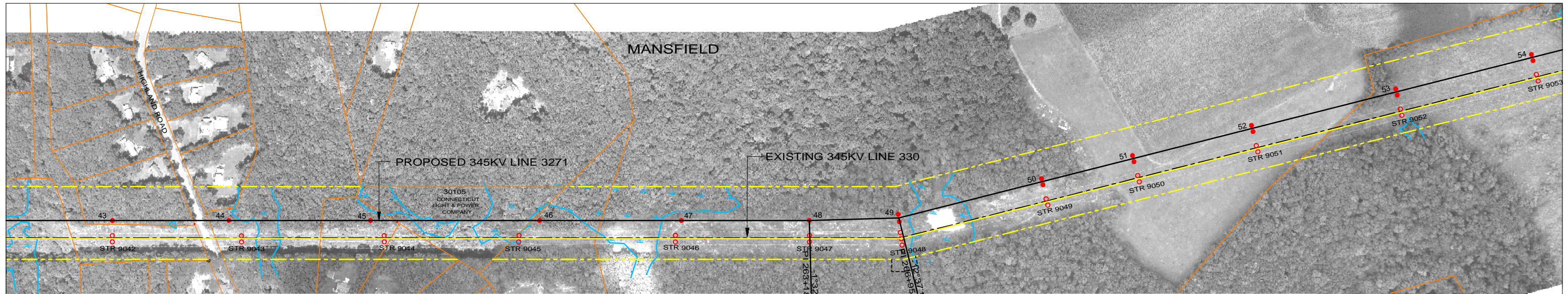
46197

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

FOR CONNECTICUT LIGHT & POWER

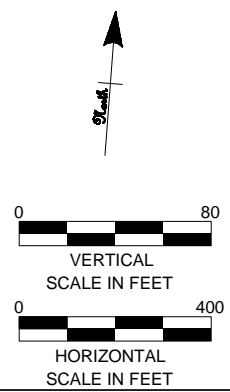
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INTERSTATE RELIABILITY PROJECT
BEST MANAGEMENT PRACTICE FOCUS AREA A
PLAN & PROFILE SHEET 2 OF 3
LINE 3271

BY	BMcD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
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H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.



LEGEND

PROPOSED 345KV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - - -
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - - -
		EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



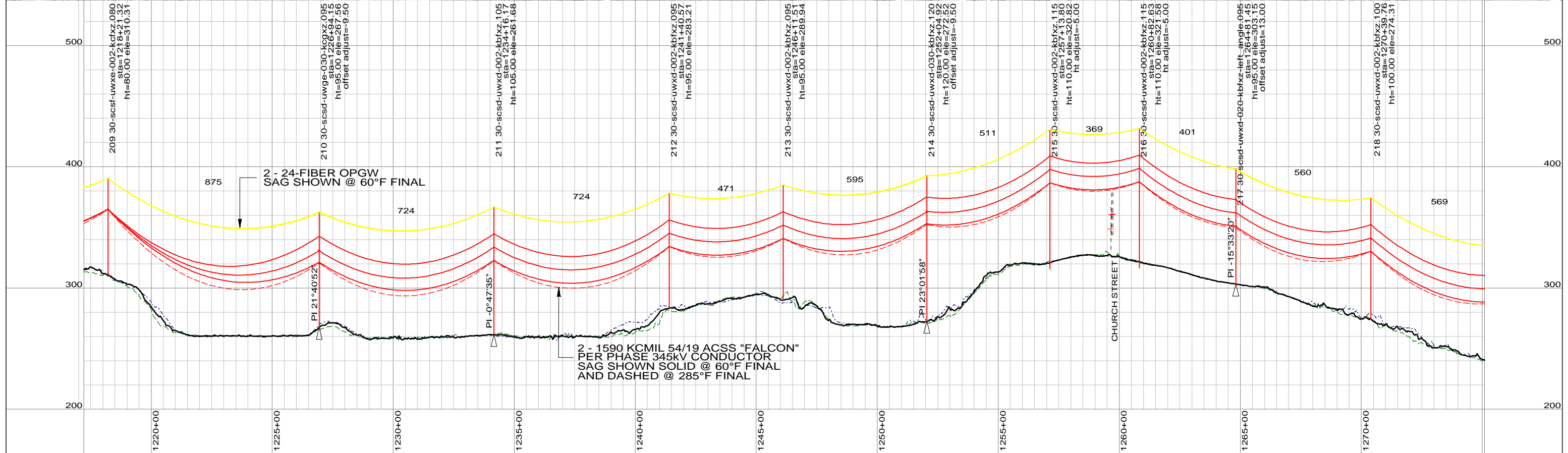
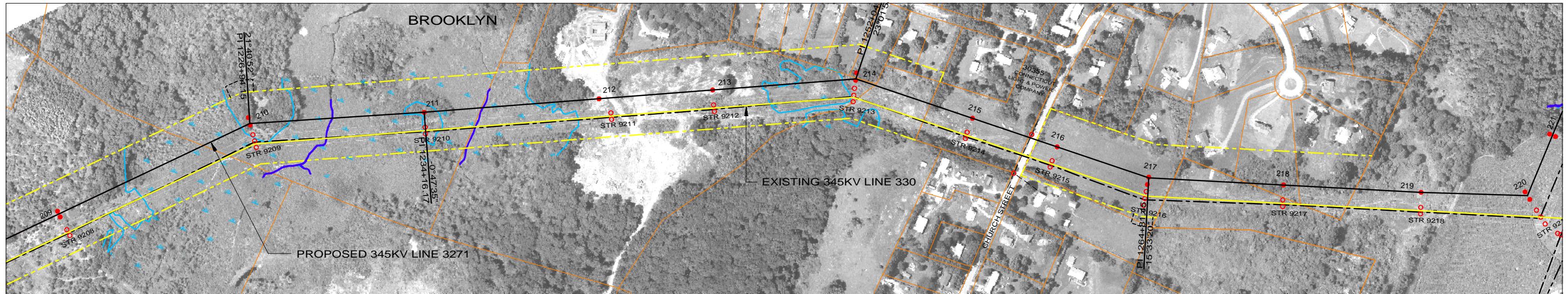
Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
BEST MANAGEMENT PRACTICE FOCUS AREA A
PLAN & PROFILE SHEET 3 OF 3
LINE 3271**

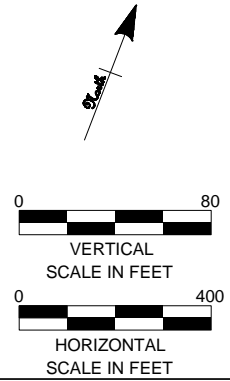
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DATE	06/01/10	DATE	DATE	DATE
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H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.

Focus Area D



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	- - - - -
TOWN/STATE BOUNDARY	- . - . -	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	- - - - -
		EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



Northeast Utilities Service Co.

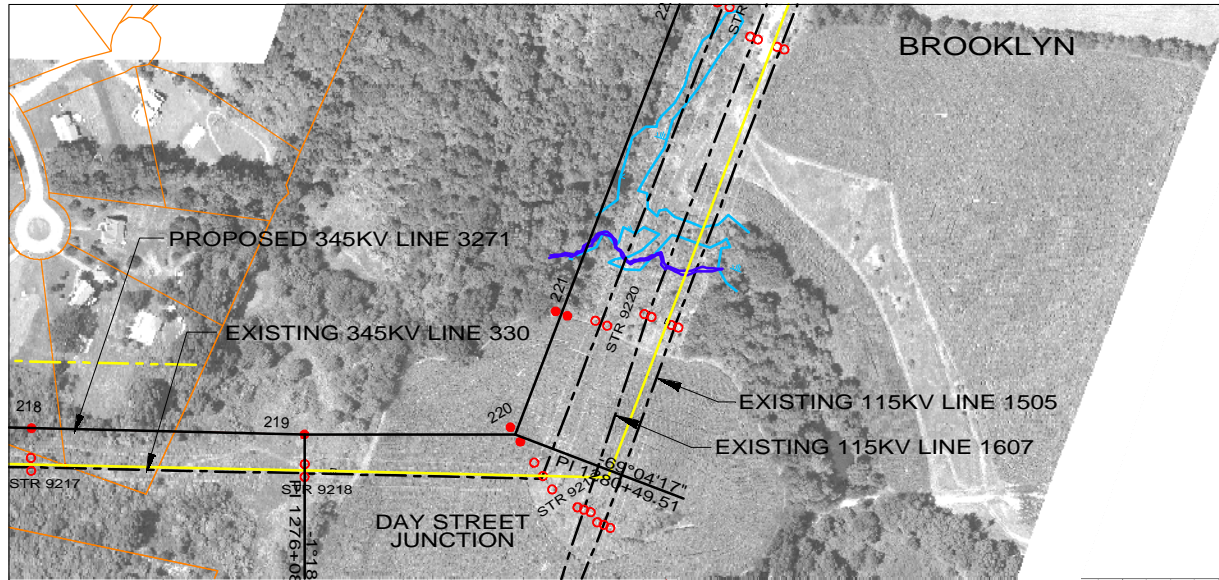
FOR CONNECTICUT LIGHT & POWER

TITLE
**INTERSTATE RELIABILITY PROJECT
BEST MANAGEMENT PRACTICE FOCUS AREA D
PLAN & PROFILE SHEET 1 OF 2
LINE 3271**

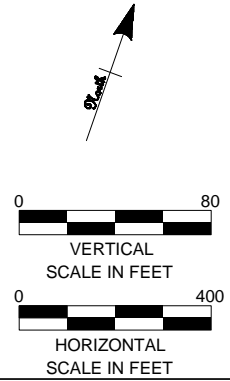
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		

date	06/01/2010	detailed	D. Laursen
designed	S. Casteel	checked	M. Hatfield

BY	BMCD	CHKD	APP	APP
DATE	06/01/10	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	



LEGEND	
PROPOSED 345KV CENTERLINE	—
EXISTING TRANSMISSION CENTERLINE	- - -
EXISTING DISTRIBUTION CENTERLINE	- - - - -
LINE OF LOCATION	—
EXISTING ROW	—
PROPOSED ROW	—
PROPERTY LINE	—
TOWN/STATE BOUNDARY	—
PROPOSED STRUCTURE	●
STRUCTURE REMAIN	○
STRUCTURE REMOVE	⊗
WIRE CROSSING	+
WETLANDS	~
WATER	~
GND PROFILE LEFT 26'	—
GND PROFILE CENTER	—
GND PROFILE RIGHT 26'	—
EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN
SUBJECT TO CHANGE



46197

date 06/01/2010 detailed D. Laursen
designed S. Casteel checked M. Hatfield

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
A	06/01/10	ISSUED FOR 70% REVIEW.	SCC	RMH		



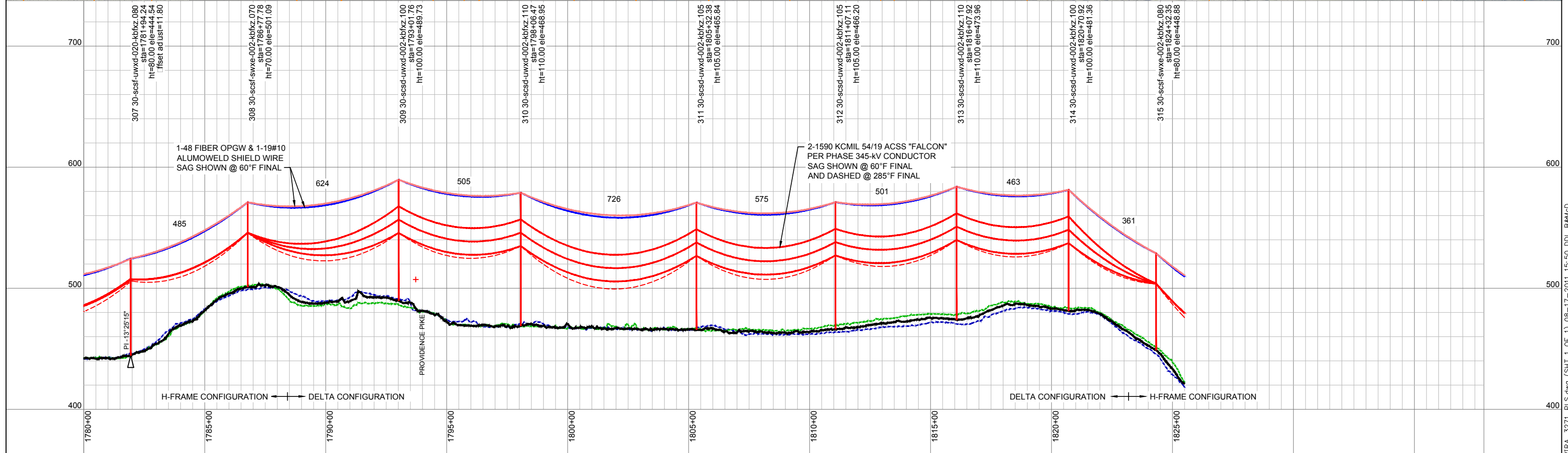
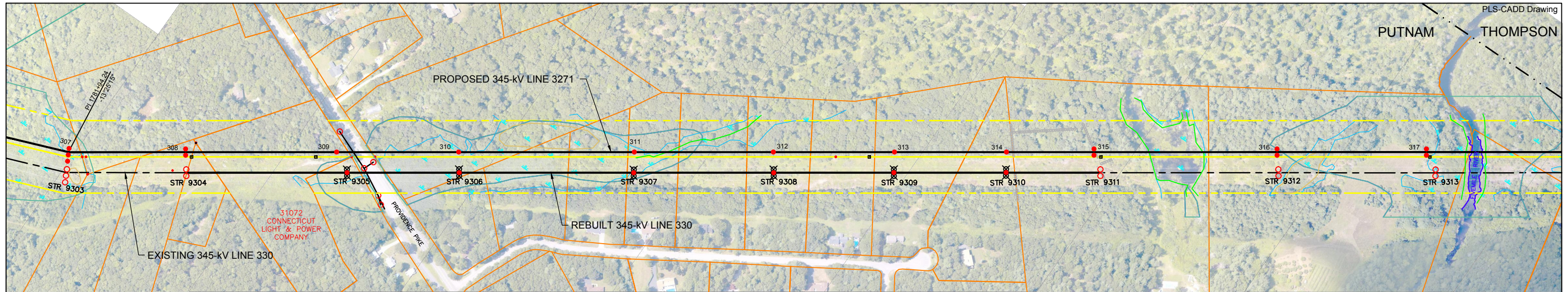
Northeast Utilities Service Co.

FOR CONNECTICUT LIGHT & POWER

TITLE
INTERSTATE RELIABILITY PROJECT
BEST MANAGEMENT PRACTICE FOCUS AREA D
PLAN & PROFILE SHEET 2 OF 2
LINE 3271

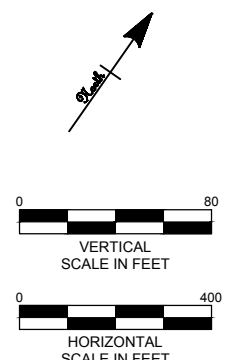
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H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER			NUSCO DWG NO.	

Focus Area E



LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	—
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	—
		EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN SUBJECT TO CHANGE							
A	08/17/11	ISSUED FOR 70% REVIEW.	KEW	RMH			
NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP	



46197

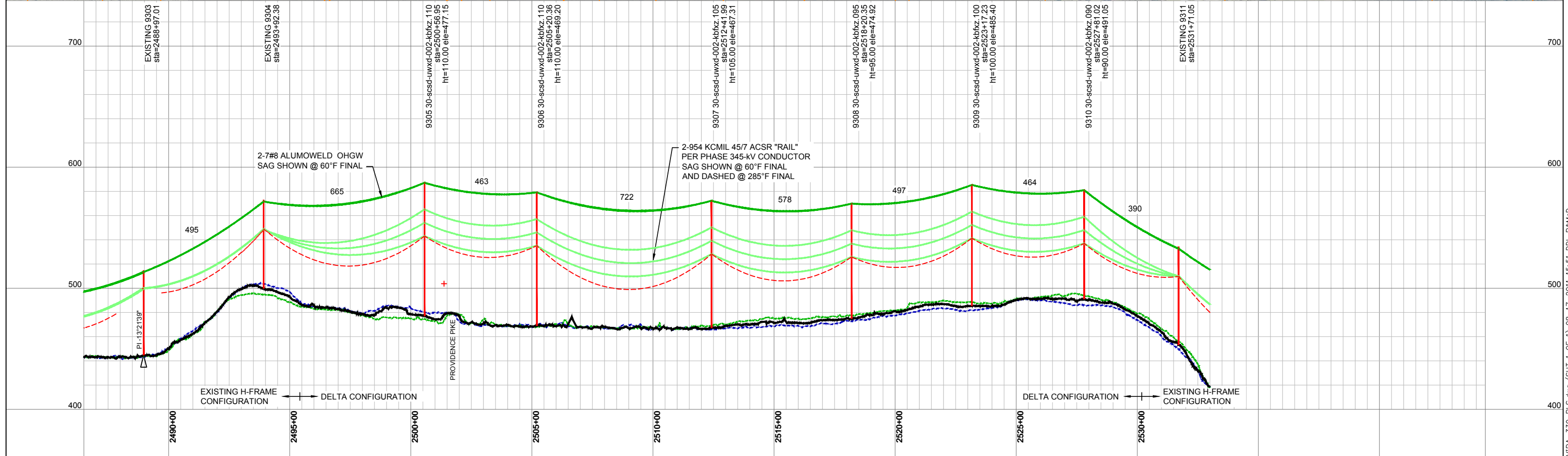
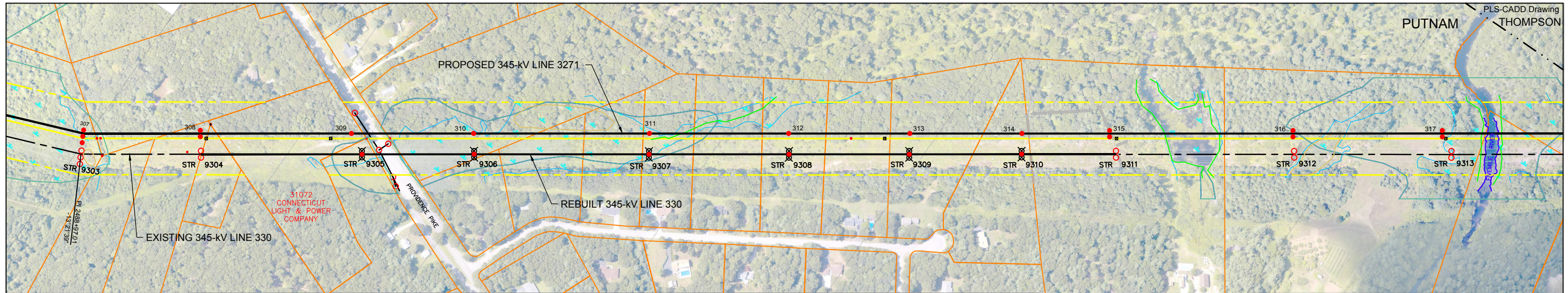
date 08/17/2011 detailed D. Laursen
 designed K. Whisner checked M. Hatfield

Northeast Utilities Service Co.
 FOR CONNECTICUT LIGHT & POWER

TITLE INTERSTATE RELIABILITY PROJECT
 ELVIRA HEIGHTS FOCUS AREA E
 PLAN & PROFILE SHEET 1 OF 1
 LINE 3271

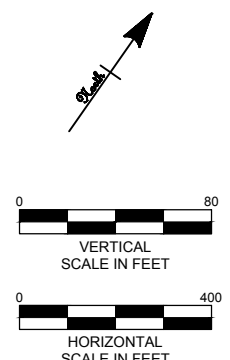
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DATE 08/17/11	DATE	DATE	DATE
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R.E. PROJ. NUMBER		NUSCO DWG NO.	

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LEGEND

PROPOSED 345kV CENTERLINE	—	PROPOSED STRUCTURE	●
EXISTING TRANSMISSION CENTERLINE	- - -	STRUCTURE REMAIN	○
EXISTING DISTRIBUTION CENTERLINE	- - - - -	STRUCTURE REMOVE	⊗
LINE OF LOCATION	—	WIRE CROSSING	+
EXISTING ROW	—	WETLANDS	
PROPOSED ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 26'	---
TOWN/STATE BOUNDARY	—	GND PROFILE CENTER	—
		GND PROFILE RIGHT 26'	---
		EXISTING GUY EASEMENT	- - - - -



PRELIMINARY DESIGN SUBJECT TO CHANGE			
A	08/17/11	ISSUED FOR 70% REVIEW.	KEW RMH
NO.	DATE	DESIGN REVISIONS	BY CHK APP APP



46197

date	08/17/2011	detailed	D. Laursen
designed	K. Whisner	checked	M. Hatfield

Northeast Utilities Service Co.
FOR CONNECTICUT LIGHT & POWER

TITLE: INTERSTATE RELIABILITY PROJECT
ELVIRA HEIGHTS FOCUS AREA E
PLAN & PROFILE SHEET 1 OF 1
LINE 330

BY	BMcd	CHKD	APP	APP
DATE	08/17/11	DATE	DATE	DATE
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H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				NUSCO DWG NO.

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