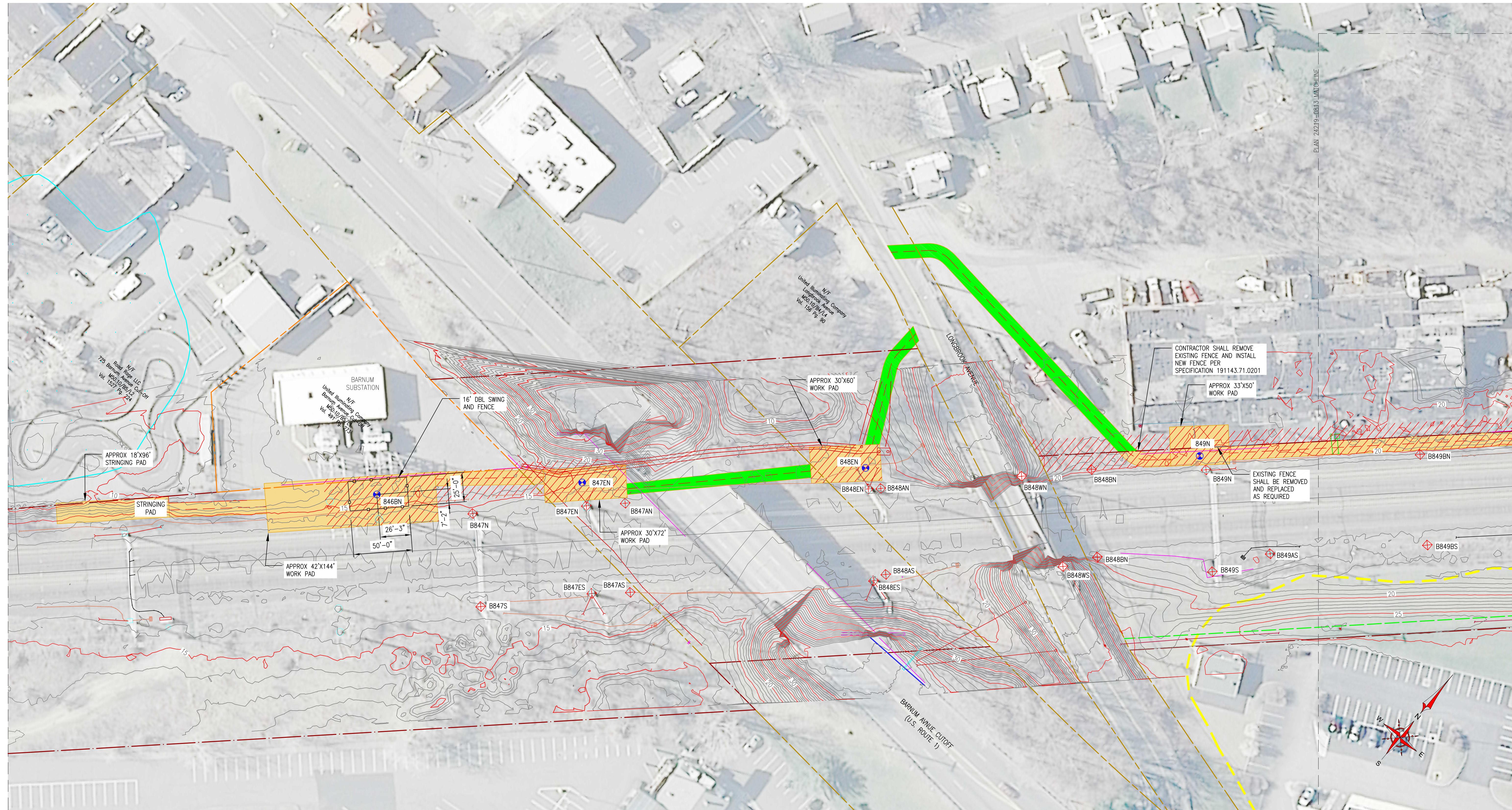


ATTACHMENT A

Key Map, Aerial Segment Maps and Descriptions



LEGEND:

- ALL CONSTRUCTION TRAFFIC
- TOWN LINE
- UI PROPERTY LINE
- PROPERTY LINE
- RAILROAD EDGE OF RIGHT-OF-WAY
- EASEMENT
- DISTRIBUTION POLE
- EXISTING STRUCTURE

- UNDERGROUND ELECTRIC LINE
- GAS LINE
- SANITARY SEWER
- STORM SEWER
- FIBER OPTIC TELECOMMUNICATIONS LINE
- WATER LINE
- SURVEY CONTROL POINT
- PROPOSED STRUCTURE

- COASTAL JURISDICITON LINE
- WATERCOURSE
- LIMIT OF WETLANDS
- MEAN HIGH WATER
- FEMA 100 YEAR
- WATER LINE
- WETLANDS/MARSH
- VERNAL POOL

- FEMA SPECIAL FLOOD HAZARD AREAS
- NATURAL DIVERSITY DATABASE (NDDB) AREA
- EXISTING ACCESS ROAD
- CONSTRUCTION AREA
- OCCUPATION AREA
- VEGETATION CLEARANCE
- WETLAND IMPACT AREA

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CHECKED JCP DATE 09/09/2016
PROJECT # 191143

G 06/08/2018 ISSUE FOR CONSTRUCTION - PROJECT 191143	ALT	DWJ	JCP	MAP
F 09/29/2017 ISSUE FOR BID - PROJECT 191143	ALT	DWJ	-	-
E 08/04/2017 ISSUE FOR UI 90% REVIEW - PROJECT 191143	EJU	DWJ	-	-
D 02/24/2017 REISSUE FOR UI 70% REVIEW - PROJECT 191143	EJU	DWJ	-	-
C 02/08/2017 REISSUE FOR UI 70% REVIEW - PROJECT 191143	EJU	DWJ	-	-
B 02/02/2017 ISSUE FOR UI 70% REVIEW - PROJECT 191143	ALT	DWJ	-	-
A 09/09/2016 ISSUE FOR UI 30% REVIEW - PROJECT 191143	ALT	DWJ	-	-
NO DATE	REVISION	DRN	DESN	CHKD SUPR

REFERENCE DRAWINGS:
DRAWING INDEX: 24219-0002

No	Date	Revision	By	Chkd.	Engr.	Supv.

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DEVON TIE TO BARNUM 88006A-1	115KV TRANSMISSION LINE	GENERAL ACCESS PLAN	847EN, 848EN, & 849N
CAD FILE NAME	SEQUENCE NO.	DRAWING NUMBER	24219-0812

Structure Locations 846BN to 849N
Longbrook Avenue
Stratford, CT

General Work Description:

New steel monopoles will be installed at 846BN, 847EN, 848EN, and 849N. The following construction activities will occur with the stated durations, but may not occur on consecutive dates and may occur concurrently.

- Installation of access road/clearing – 10 Days
- Installation of foundation – 12 Days
- Installation of steel pole – 16 Days
- Installation of wire – 12 Days

See reference drawings below for details.

Special Provisions:

Permit #s:

Nddb area: N

Environmentally Sensitive Area: N

Night work: Y

Feeder/Signal Outages: Y

Track Outages: Y

Reference Drawings:

24219-0100 – Plan & Profile

24219-0300 – 847EN, 848EN, 849N Drilled Pier Foundations

24221-0300 – 846BN Drilled Pier Foundations

24219-0535 – 848EN, 849N Structure Loading

24219-0537 – 847EN Structure Loading

24221-0509 – 846BN Structure Loading

Right-of-way Description:

Wetlands, Watercourses and Waterways

NA

Access

- Longbrook Avenue, Stratford, CT 06614 – UI Owned
 - 846BN
 - 847EN
 - 848EN
- 540 Longbrook Avenue, Stratford, CT 06614
 - 849N

Construction Footprint

Structure 846BN:

- Upland Vegetation/Land Clearing = 7,800 sq ft
- Access Road = 1,100 sq ft
- Work Pad = 42'x 144' = 6,100 sq ft

Structure 847EN:

- Upland Vegetation/Land Clearing = 3,600 sq ft
- Access Road = 1,500 sq ft
- Work Pad = 30'x 72' = 2,200 sq ft

Structure 848EN:

- Upland Vegetation/Land Clearing = 1,800 sq ft
- Access Road = 2,200 sq ft
- Work Pad = 30'x 60' = 1,800 sq ft

Structure 849N:

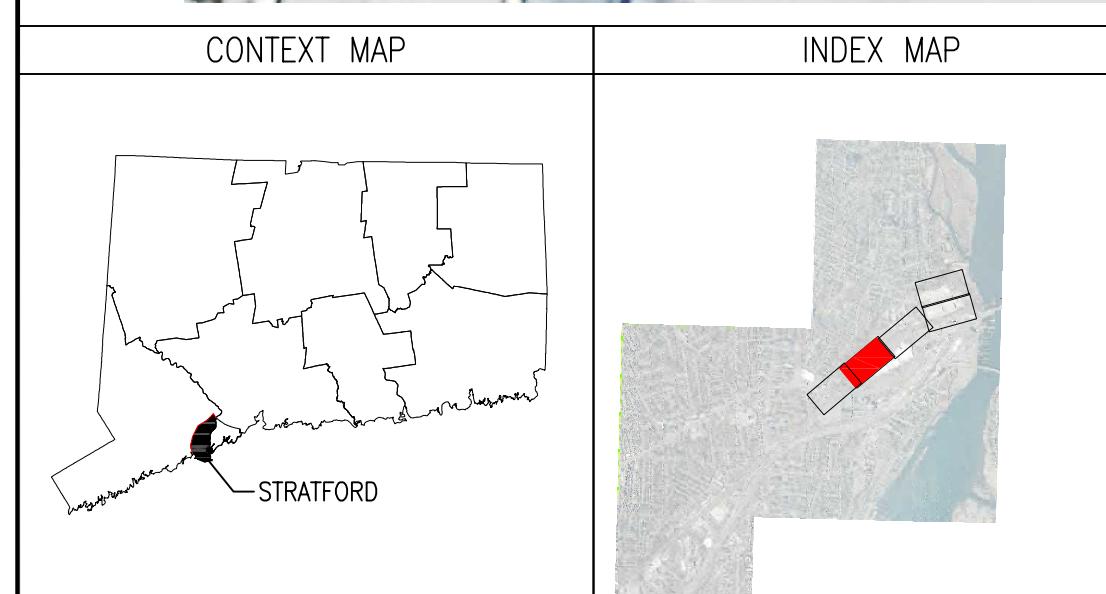
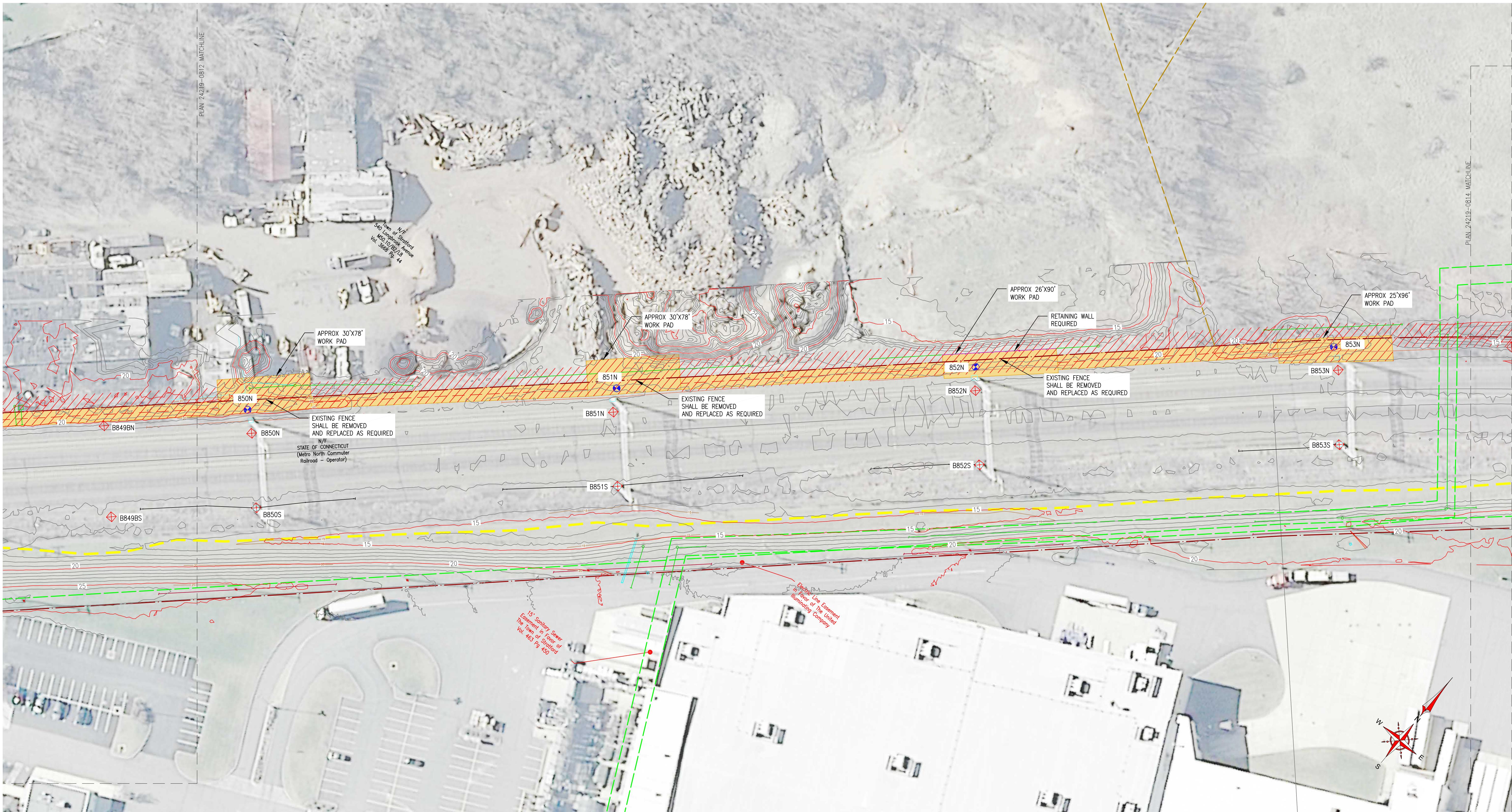
- Upland Vegetation/Land Clearing = 8,300 sq ft
- Access Road = 2,100 sq ft
- Work Pad = 33'x 50' = 1,700 sq ft

Road Crossings

- Barnum Avenue Cut-Off
- Longbrook Avenue

Aerial Imagery

- USGS 18tx1570615



<u>LEGEND:</u>	
	ALL CONSTRUCTION TRAFFIC
	TOWN LINE
	UI PROPERTY LINE
	PROPERTY LINE
	RAILROAD EDGE OF RIGHT-OF-WAY
	EASEMENT
	DISTRIBUTION POLE
	EXISTING STRUCTURE

REFERENCE DRAWING

MAP DRAWING INDEX: 24219



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DEVON TIE TO BARNUM 88006A-1
115KV TRANSMISSION LINE
GENERAL ACCESS PLAN
850N, 851N, 852N, & 853N

Structure Locations 850N to 853N
Longbrook Avenue
Stratford, CT

General Work Description:

New steel monopoles will be installed at 850N, 851N, 852N, and 853N. The following construction activities will occur with the stated durations, but may not occur on consecutive dates and may occur concurrently.

- Installation of access road/clearing – 10 Days
- Installation of foundation – 12 Days
- Installation of steel pole – 16 Days
- Installation of wire – 12 Days

See reference drawings below for details.

Special Provisions:

Permit #s:

Nddb area: N

Environmentally Sensitive Area: N

Night work: Y

Feeder/Signal Outages: Y

Track Outages: Y

Reference Drawings:

24219-0100 – Plan & Profile

24219-0300 – Drilled Pier Foundations

24219-0535 – 850N, 851N, 852N Structure Loading

24219-0536 – 853N Structure Loading

Right-of-way Description:

Wetlands, Watercourses and Waterways

NA

Access

- 540 Longbrook Avenue, Stratford, CT 06614 – UI Owned
 - 850N
 - 851N
 - 852N
 - 853N

Construction Footprint

Structure 850N:

- Upland Vegetation/Land Clearing = 8,500 sq ft
- Access Road = 3,000 sq ft
- Work Pad = 30'x 78' = 2,400 sq ft

Structure 851N:

- Upland Vegetation/Land Clearing = 8,400 sq ft
- Access Road = 2,800 sq ft
- Work Pad = 30'x 78' = 2,400 sq ft

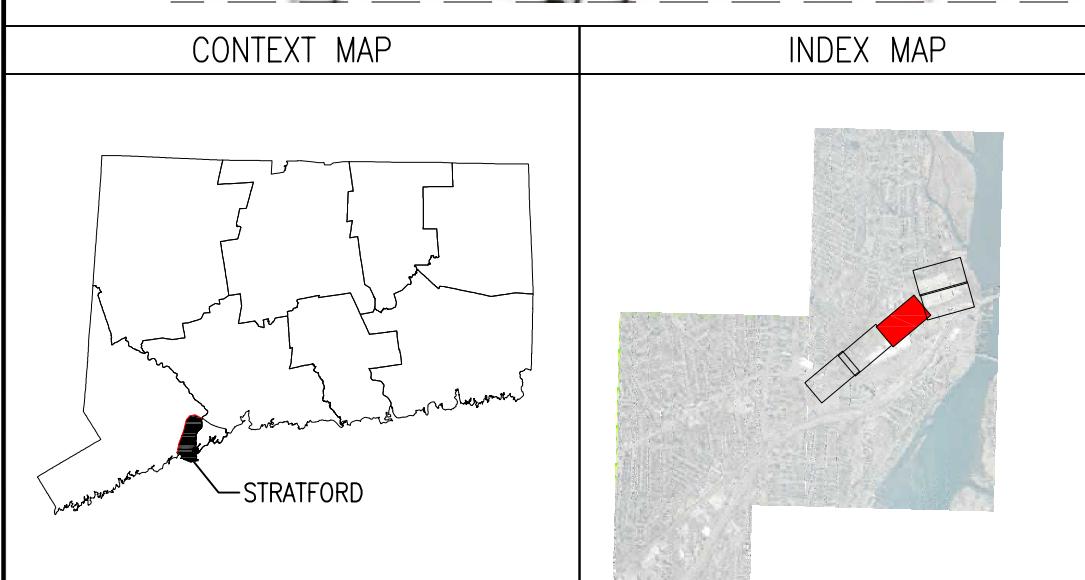
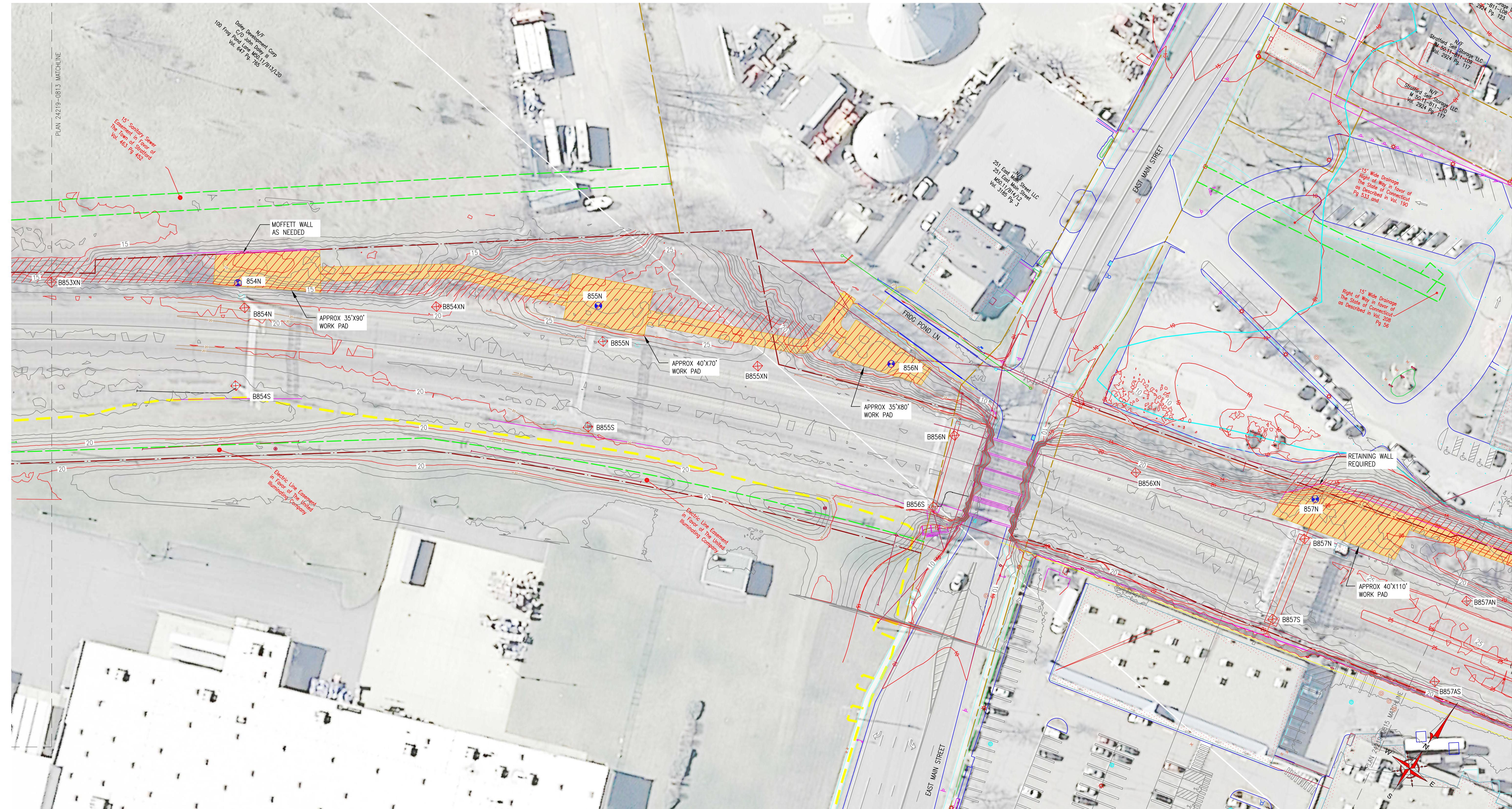
Structure 852N:

- Upland Vegetation/Land Clearing = 8,600 sq ft
- Access Road = 2,500 sq ft
- Work Pad = 26'x 90' = 2,400 sq ft

Structure 853N:

- Upland Vegetation/Land Clearing = 8,900 sq ft
- Access Road = 1,200 sq ft
- Work Pad = 25'x 96' = 2,400 sq ft

Aerial Imagery: 18txl570615



LEGEND:

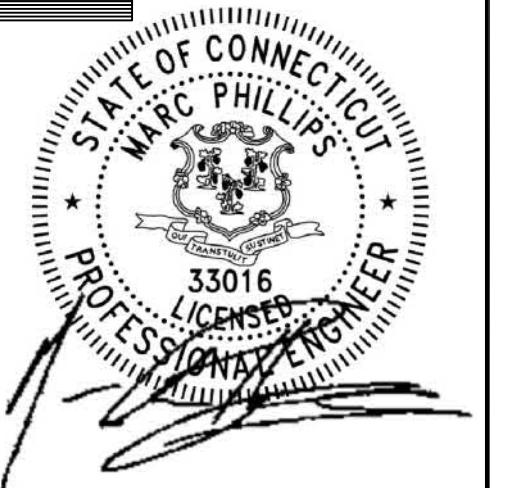
- ALL CONSTRUCTION TRAFFIC
- UNDERGROUND ELECTRIC LINE
- TOWN LINE
- GAS LINE
- UI PROPERTY LINE
- SANITARY SEWER
- PROPERTY LINE
- STORM SEWER
- RAILROAD EDGE OF RIGHT-OF-WAY
- FIBER OPTIC TELECOMMUNICATIONS LINE
- EASEMENT
- WATER LINE
- DISTRIBUTION POLE
- EXISTING STRUCTURE
- SURVEY CONTROL POINT
- PROPOSED STRUCTURE

- COASTAL JURISDICITON LINE
- WATERCOURSE
- LIMIT OF WETLANDS
- MEAN HIGH WATER
- FIBER OPTIC TELECOMMUNICATIONS LINE
- WATER LINE
- SURVEY CONTROL POINT
- PROPOSED STRUCTURE

- FEMA SPECIAL FLOOD HAZARD AREAS
- NATURAL DIVERSITY DATABASE (NDDB) AREA
- EXISTING ACCESS ROAD
- CONSTRUCTION AREA
- OCCUPATION AREA
- WETLANDS/MARSH
- VEGETATION CLEARANCE
- WETLAND IMPACT AREA

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G 06/08/2018	ISSUE FOR CONSTRUCTION - PROJECT 191143	ALT	DWJ	JCP	MAP
F 09/29/2017	ISSUE FOR BID - PROJECT 191143	EJU	DWJ	-	-
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A 02/02/2017	ISSUE FOR UI 70% REVIEW - PROJECT 191143	ALT	DWJ	-	-
A 09/09/2016	ISSUE FOR UI 30% REVIEW - PROJECT 191143	ALT	DWJ	-	-
NO	DATE	REVISION	DRN	DESN	CHKD SUPR

REFERENCE DRAWINGS:
DRAWING INDEX: 24219-0002

No	Date	Revision	By Chkd. Engr. Supv.

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DEVON TIE TO BARNUM 88006A-1	115KV TRANSMISSION LINE	GENERAL ACCESS PLAN
CAD FILE NAME	SEQUENCE No.	DRAWING NUMBER

24219-0814

Structure Locations 854N to 857N
Longbrook Avenue
Stratford, CT

General Work Description:

New steel monopoles will be installed at 854N, 855N, 856N, and 857N. The following construction activities will occur with the stated durations, but may not occur on consecutive dates and may occur concurrently.

- Installation of access road/clearing – 10 Days
- Installation of foundation – 12 Days
- Installation of steel pole – 16 Days
- Installation of wire – 12 Days

See reference drawings below for details.

Special Provisions:

Permit #s:

Nddb area: N

Environmentally Sensitive Area: N

Night work: Y

Feeder/Signal Outages: Y

Track Outages: Y

Reference Drawings:

24219-0100 – Plan & Profile

24219-0101 – Plan & Profile

24219-0300 – Drilled Pier Foundations

24219-0535 – 854N, 855N, 856N Structure Loading

24219-0536 – 857N Structure Loading

Right-of-way Description:

Wetlands, Watercourses and Waterways

NA

Access

- 100 Frog Pond Lane, Stratford, CT 06614
 - 854N
 - 855N
 - 856N
- Ashcroft, Inc.
 - 857N

Construction Footprint

Structure 854N:

- Upland Vegetation/Land Clearing = 8,800 sq ft
- Access Road = 1,300 sq ft
- Work Pad = 35'x 90' = 3,200 sq ft

Structure 855N:

- Upland Vegetation/Land Clearing = 8,100 sq ft
- Access Road = 2,300 sq ft
- Work Pad = 40'x 70' = 2,800 sq ft

Structure 856N:

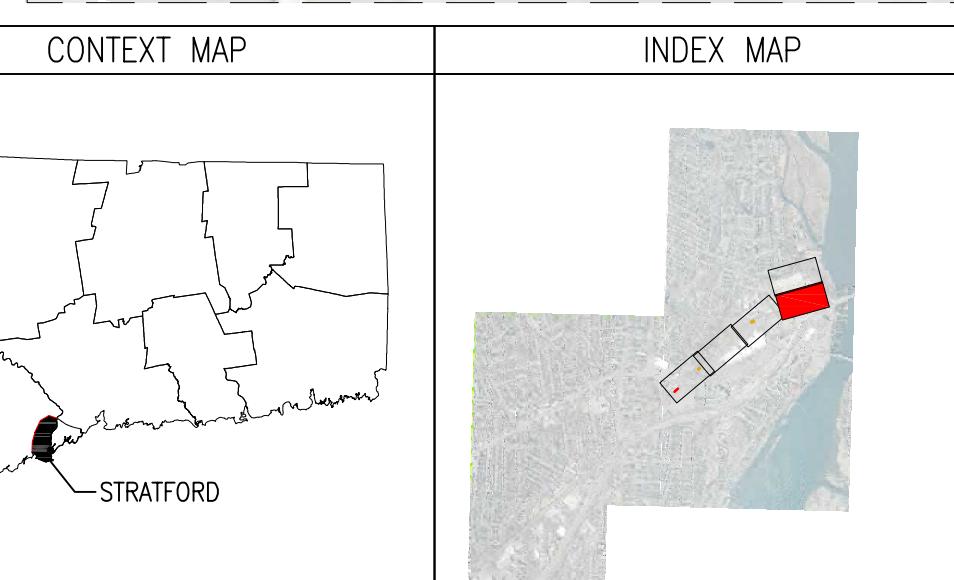
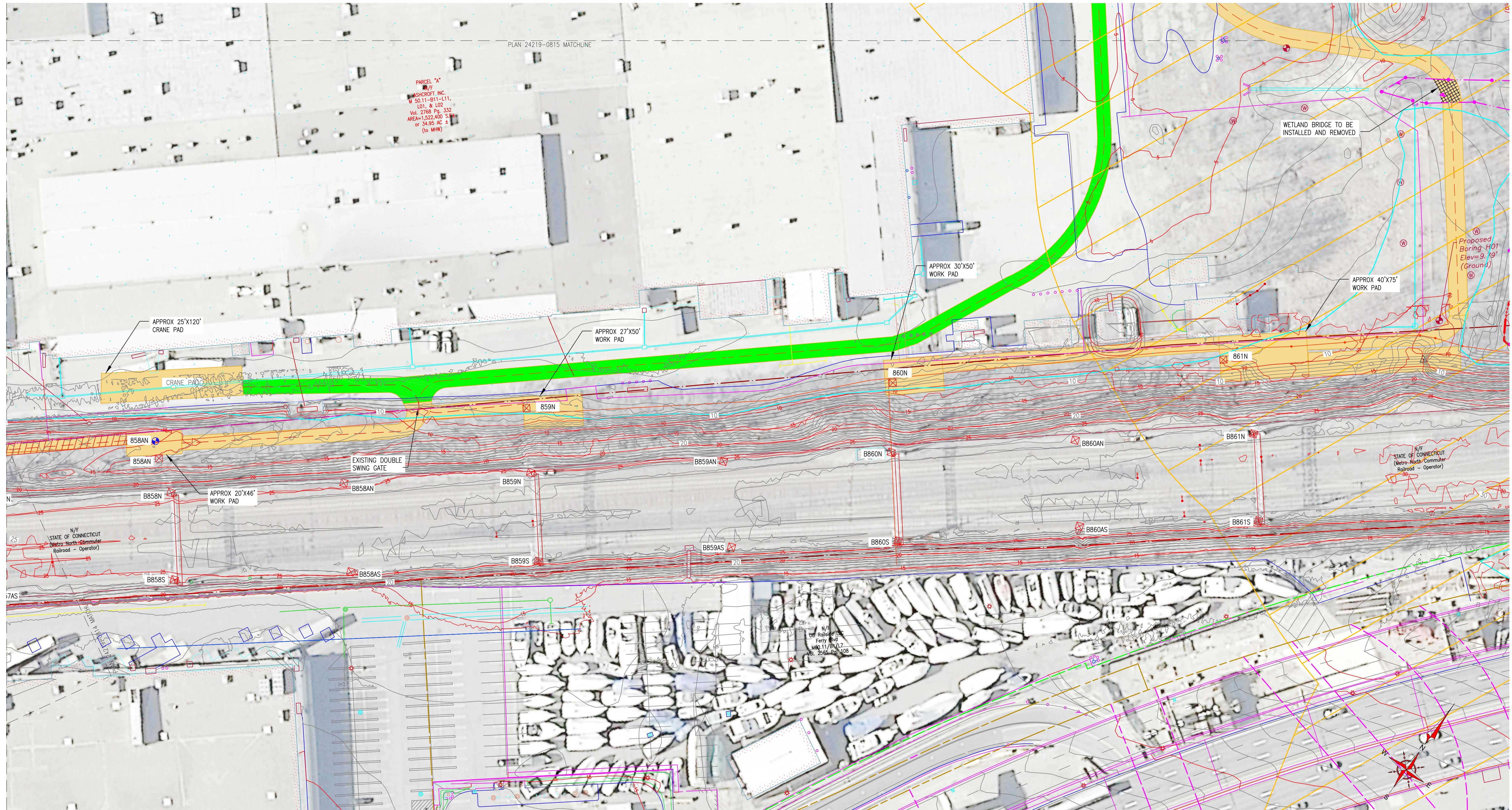
- Upland Vegetation/Land Clearing = 2,500 sq ft
- Access Road = 1,300 sq ft
- Work Pad = 35'x 80' = 5,300 sq ft

Structure 857N:

- Upland Vegetation/Land Clearing = 8,400 sq ft
- Access Road = 1,100 sq ft
- Work Pad = 40'x 110' = 4,400 sq ft

Aerial Imagery

- 18txl570615
- 18tx1570630



LEGEND:

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- TOWN LINE
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- PROPOSED STRUCTURE
- FEMA SPECIAL FLOOD HAZARD AREAS
- NATURAL DIVERSITY DATABASE (NDDB) AREA
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- CONSTRUCTION AREA
- OCCUPATION AREA
- WETLANDS/MARSH
- VEGETATION CLEARANCE
- WETLAND IMPACT AREA

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PROJECT # 191143

G 06/08/2018 ISSUE FOR CONSTRUCTION - PROJECT 191143	ALT	DWJ	JCP	MAP
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B 02/02/2017 ISSUE FOR UI 70% REVIEW - PROJECT 191143	ALT	DWJ	-	-
A 09/09/2016 ISSUE FOR UI 30% REVIEW - PROJECT 191143	ALT	DWJ	-	-
NO DATE	REVISION	DRN	DESN	CHKD SUPR

REFERENCE DRAWINGS:

DRAWING INDEX: 24219-0002

No	Date	Revision	By Chkd. Engr. Supv.

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DEVON TIE TO BARNUM 88006A-1	115KV TRANSMISSION LINE	GENERAL ACCESS PLAN	858AN
CAD FILE NAME	SEQUENCE No.	DRAWING NUMBER	24219-0815

DRAWING #:24219-0815

Structure Locations 858AN to 861N Longbrook Avenue Stratford, CT

General Work Description:

New steel monopoles will be installed at 858AN. Existing monopoles 859N, 860N, and 861N will be adjusted for a new conductor. The following construction activities will occur with the stated durations, but may not occur on consecutive dates and may occur concurrently.

- Installation of foundation – 3 Days
- Installation of steel pole – 4 Days
- Installation of wire – 12 Days

See reference drawings below for details.

Special Provisions:

Permit #s:

NDDB area: N

Environmentally Sensitive Area: Y

Night work: Y

Feeder/Signal Outages: Y

Track Outages: Y

Reference Drawings:

14213-222A – 858AN Structure Loading

24219-0101 – Plan & Profile

24219-0300 – Drilled Pier Foundations

24219-0500 – 859N, 860N Structure Loading

24219-0501 – 861N Structure Loading

Right-of-way Description:

Wetlands, Watercourses and Waterways

- W6/WC6

Access

- Ashcroft, Inc.
 - 858AN
 - 859N
 - 860N
 - 861N

Construction Footprint

Structure 858AN:

- Upland Vegetation/Land Clearing = 0 sq ft
- Access Road = 2,500 sq ft
- Work Pad = 20'x 46' = 1,000 sq ft

Structure 859N:

- Upland Vegetation/Land Clearing = 0 sq ft
- Access Road = 2,600 sq ft
- Work Pad = 27'x 50' = 1,400 sq ft

Structure 860N:

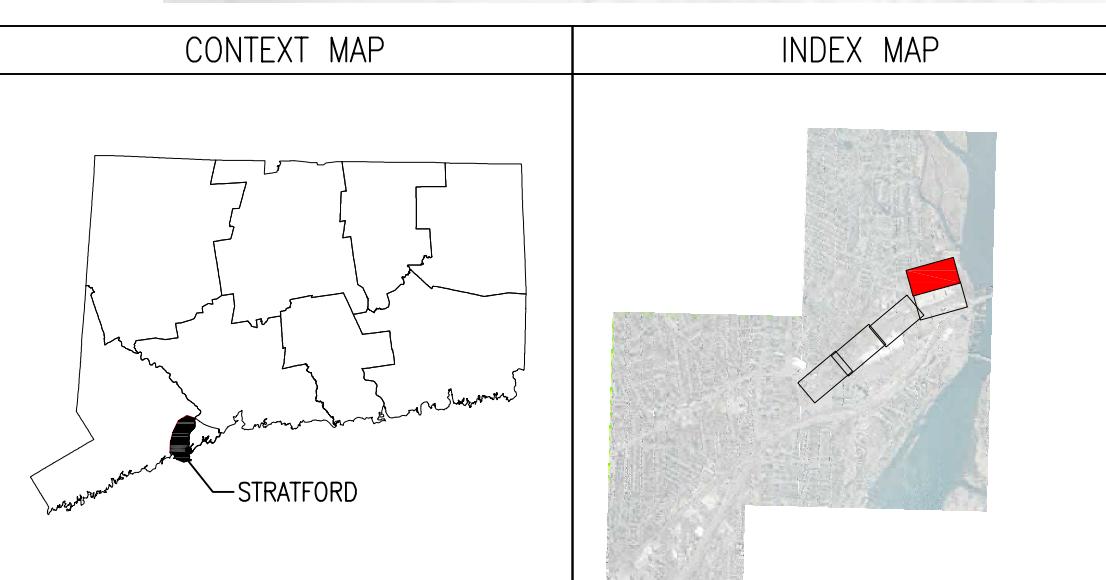
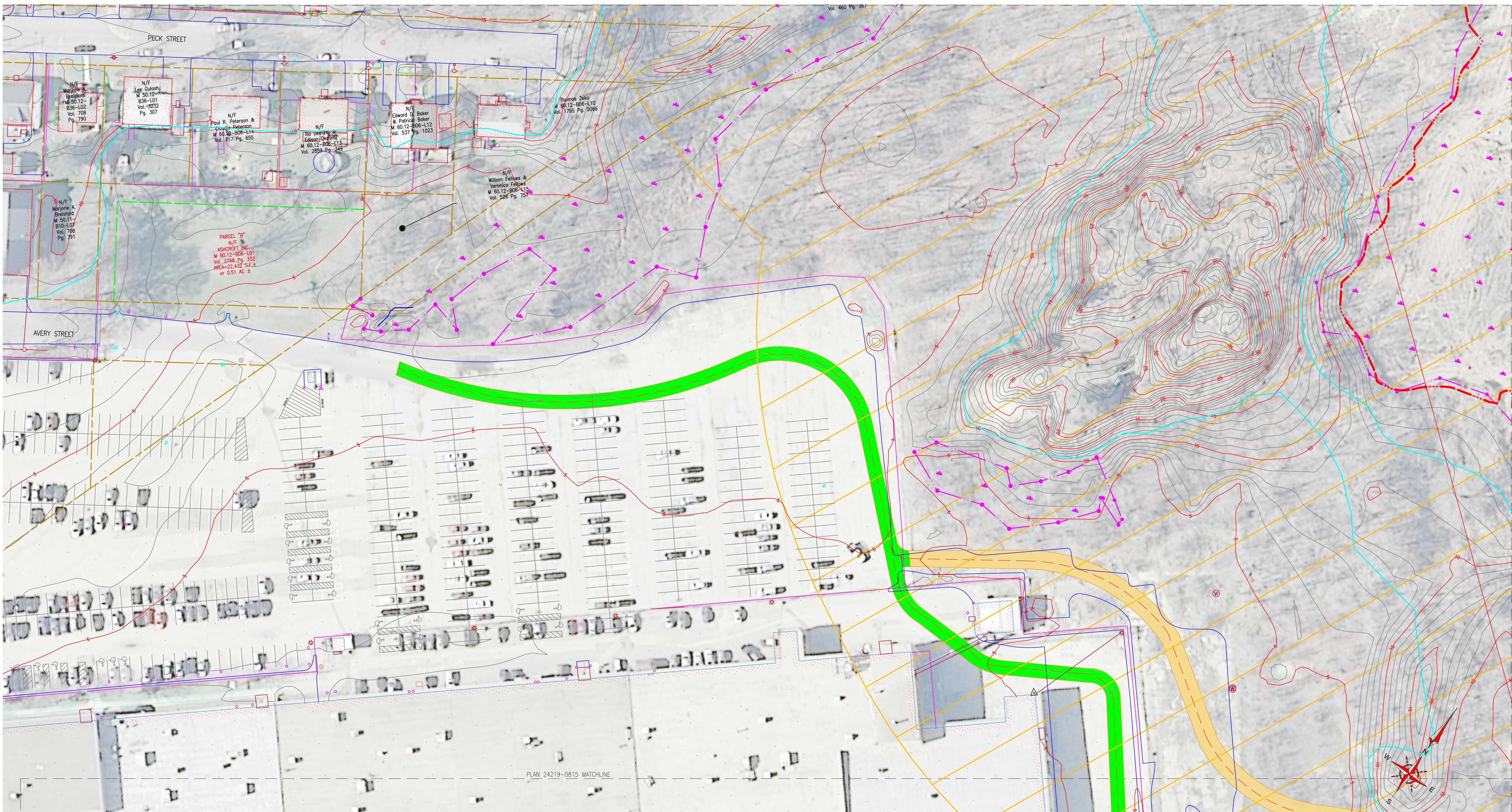
- Upland Vegetation/Land Clearing = 0 sq ft
- Access Road = 1,500 sq ft
- Work Pad = 30'x 50' = 1,500 sq ft

Structure 861N:

- Upland Vegetation/Land Clearing = 0 sq ft
- Access Road = 6,200 sq ft
- Work Pad = 20'x 46' = 1,000 sq ft
- Wetland Temporary Impact = 400 sq ft (W6/WC6)

Aerial Imagery

- 18tx1570630


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- NATURAL DIVERSITY DATABASE (NDDB) AREA
- EXISTING ACCESS ROAD
- CONSTRUCTION AREA
- FEMA 100 YEAR
- OCCUPATION AREA
- WETLANDS/MARSH
- VERNAL POOL
- WETLAND IMPACT AREA

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NO DATE	REVISION	DRN	DESN	CHKD SUPR

REFERENCE DRAWINGS:

DRAWING INDEX: 24219-0002

No	Date	Revision	By Chkd. Engr. Supv.

DEVON TIE TO BARNUM 88006A-1	115KV TRANSMISSION LINE	GENERAL ACCESS PLAN	ACCESS ROAD TO 861N
CAD FILE NAME	SEQUENCE NO.	DRAWING NUMBER	

24219-0816