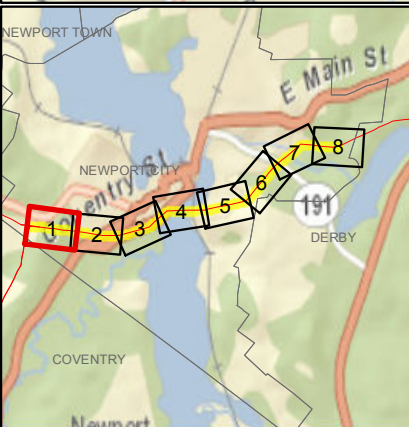
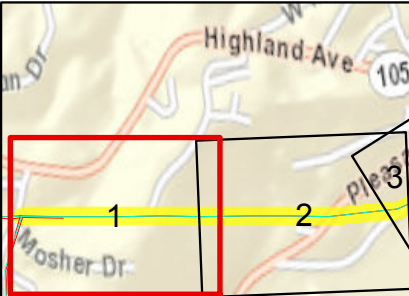


Fiber Design

Moshers Tap to Newport

- VEC Substations
- VEC Substations- No Build
- VELCO Substations
- VELCO Transmission Lines
- GMP Substations
- GMP Substations- No Build
- GMP OH Lines >= 34.5 kV
- GMP Transmission Poles
- Moshers Tap to Newport

Sheet 2



0 50 100 200 Feet



Pole 94P2
10'-0" below lowest 115 kV attachment towards K300. 4'-0" above existing fiber attachment towards K46
Attach Hardware: 2DE (SPlice)
Pull Hardware: BLOCK
Leave 150' fiber tail. Install VSU and splice on south side of pole due to existing slack loops. Coordinate with VEC. Attached to steel pole using pole bands.

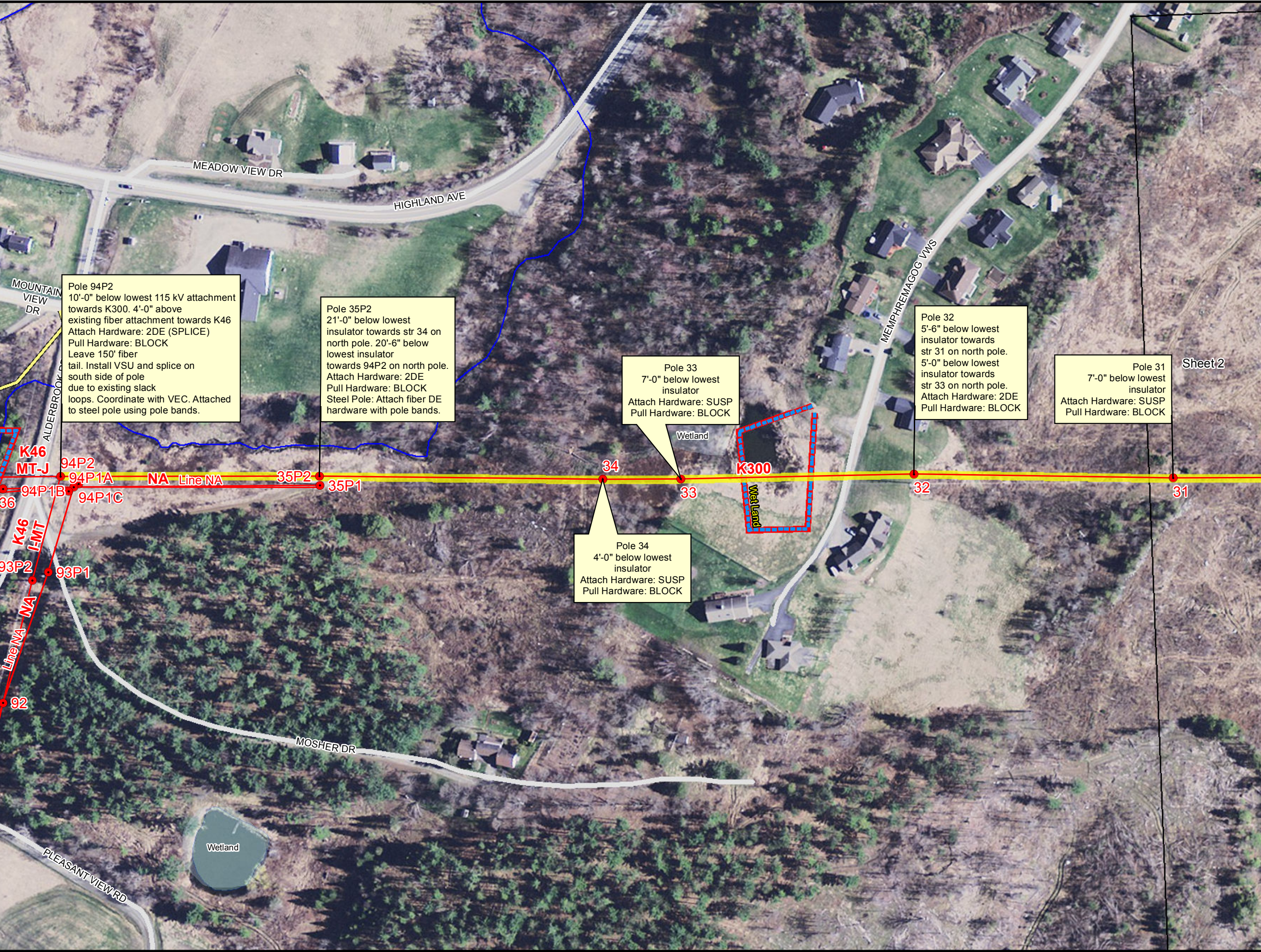
Pole 35P2
21'-0" below lowest insulator towards str 34 on north pole. 20'-6" below lowest insulator towards 94P2 on north pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK
Steel Pole: Attach fiber DE hardware with pole bands.

Pole 33
7'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 32
5'-6" below lowest insulator towards str 31 on north pole. 5'-0" below lowest insulator towards str 33 on north pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK

Pole 31
7'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

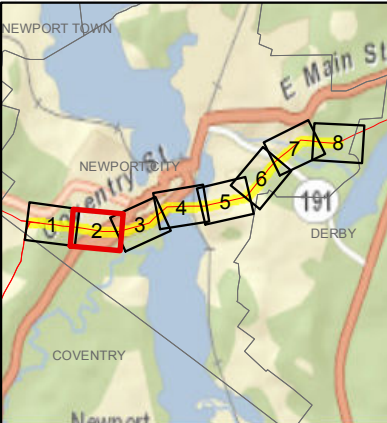
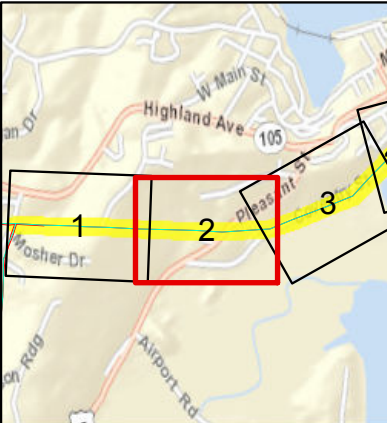
Pole 34
4'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK



Fiber Design

Moshers Tap to Newport

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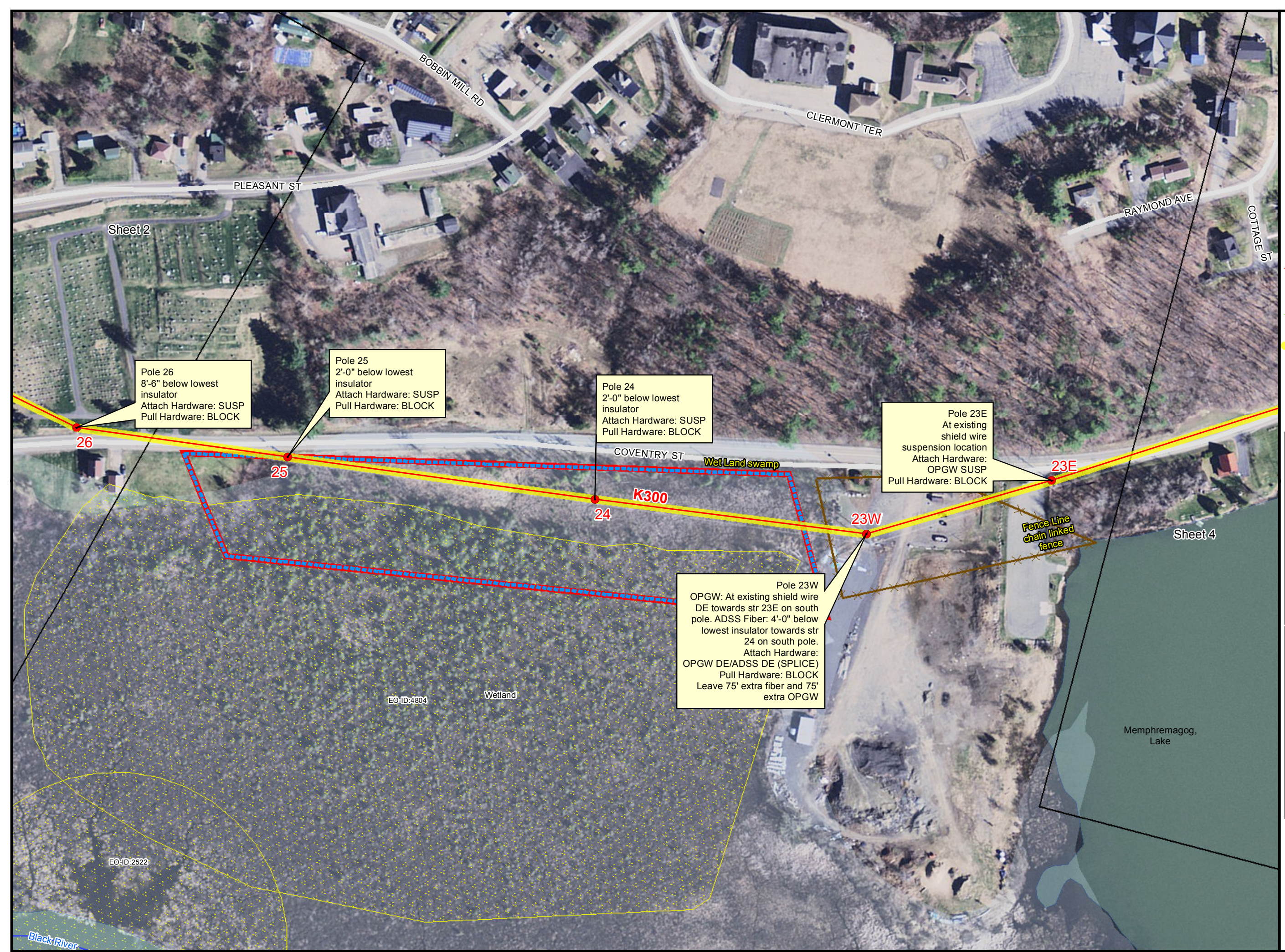
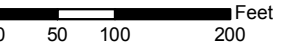
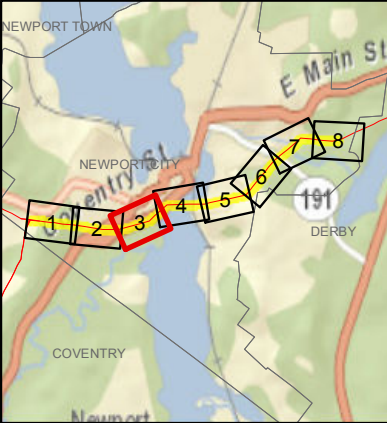
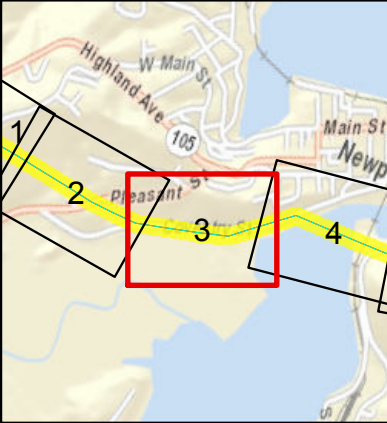
0 50 100 200 Feet



Fiber Design

Moshers Tap to Newport

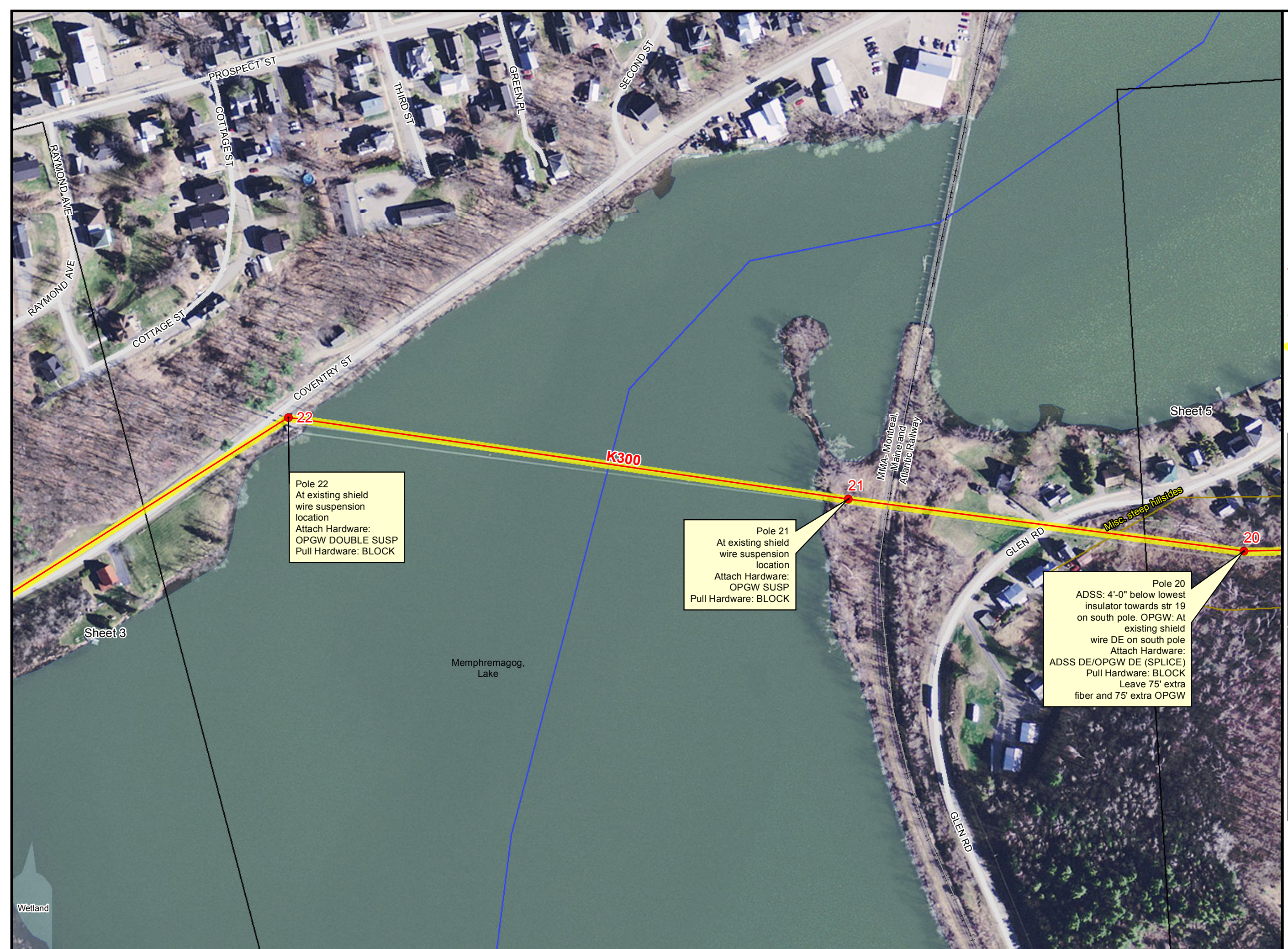
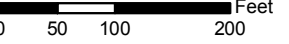
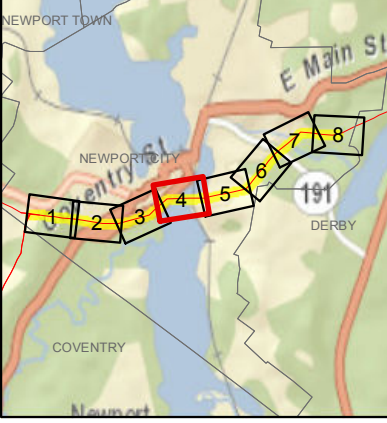
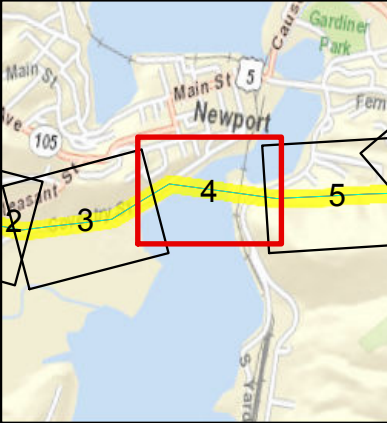
- VEC Substations
- VEC Substations- No Build
- VELCO Substations
- VELCO Transmission Lines
- GMP Substations
- GMP Substations- No Build
- GMP OH Lines >= 34.5 kV
- GMP Transmission Poles
- Moshers Tap to Newport



Fiber Design

Moshers Tap to Newport

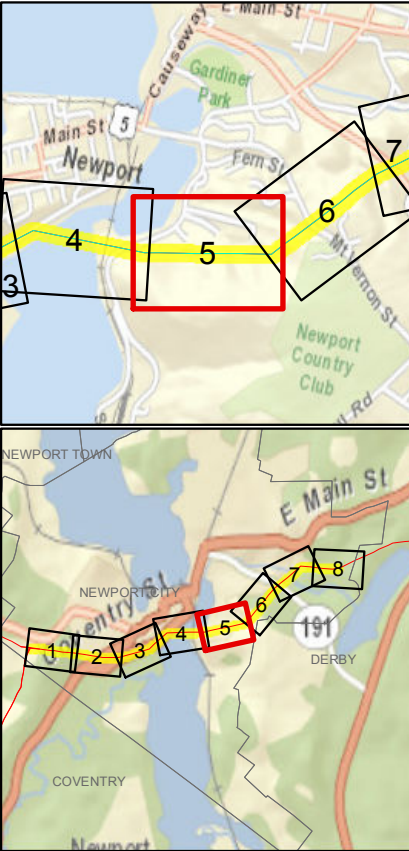
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- VELCO Transmission Lines
- GMP Substations
- GMP Substations- No Build
- GMP OH Lines >= 34.5 kV
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- Moshers Tap to Newport



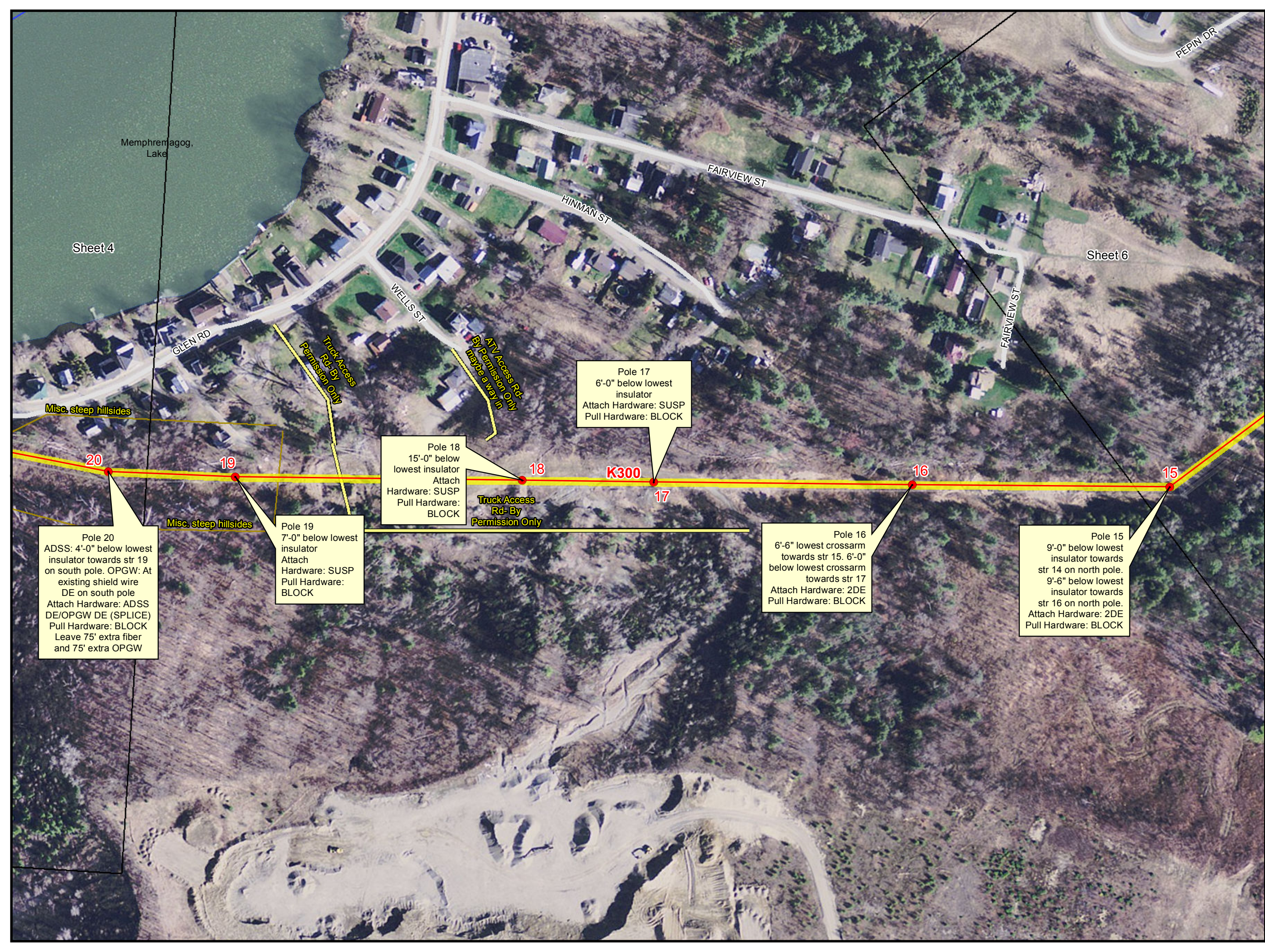
Fiber Design

Moshers Tap to Newport

- VEC Substations
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0 50 100 200 Feet



Sheet 4

Sheet 6

Misc. steep hillsides

Misc. steep hillsides

Pole 20
ADSS: 4'-0" below lowest insulator towards str 19 on south pole. OPGW: At existing shield wire DE on south pole
Attach Hardware: ADSS DE/OPGW DE (SPlice)
Pull Hardware: BLOCK
Leave 75' extra fiber and 75' extra OPGW

Pole 19
7'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 18
15'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Truck Access Rd- By Permission Only

Pole 17
6'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

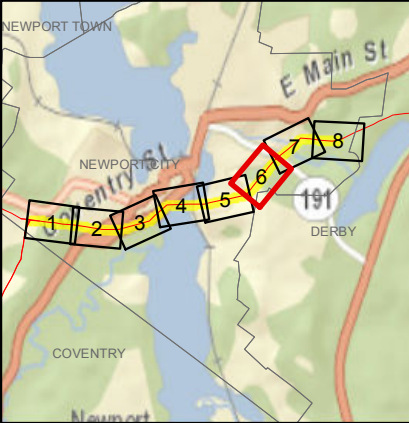
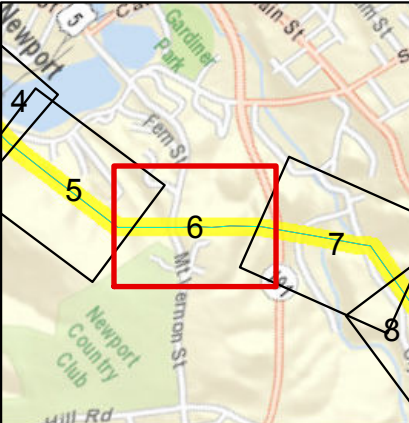
Pole 16
6'-6" lowest crossarm towards str 15. 6'-0" below lowest crossarm towards str 17
Attach Hardware: 2DE
Pull Hardware: BLOCK

Pole 15
9'-0" below lowest insulator towards str 14 on north pole. 9'-6" below lowest insulator towards str 16 on north pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK

Fiber Design

Moshers Tap to Newport

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- VELCO Transmission Lines
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0 50 100 200 Feet



Pole 15
9'-0" below lowest insulator towards str 14 on north pole.
9'-6" below lowest insulator towards str 16 on north pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK

Pole 13
3'-6" below lowest insulator towards str 12.
4'-0" below lowest insulator towards str 14.
Attach Hardware: 2DE-HIGH TENSION
Pull Hardware: BLOCK

Pole 11
4'-6" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 10
1'-6" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 14
6'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 12
4'-0" below lowest insulator towards str 11.
3'-6" below lowest insulator towards str 13.
Attach Hardware: 2DE-HIGH TENSION
Pull Hardware: BLOCK

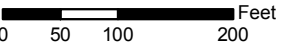
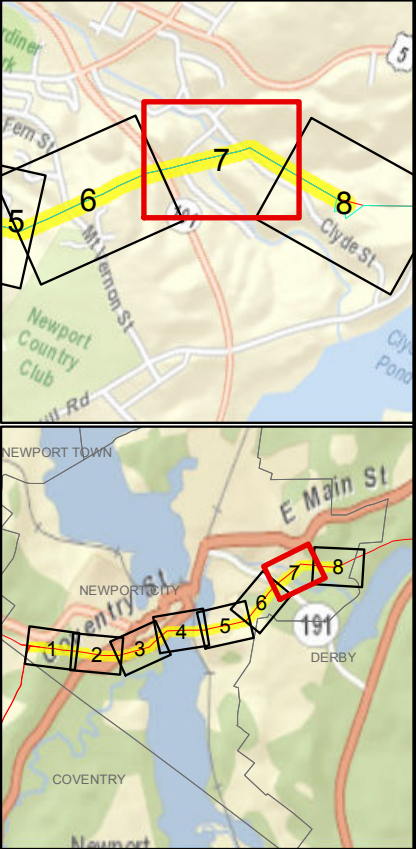
Pole 9
1'-6" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 8
7'-6" below lowest insulator towards str 7 on east pole. 9'-6" below lowest insulator towards str 9 on east pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK
2'-0" between fiber attachments

Fiber Design

Moshers Tap to Newport

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- VELCO Transmission Lines
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- Moshers Tap to Newport



Sheet 6

Sheet 8

Pole 8
7'-6" below lowest insulator towards str 7 on east pole. 9'-6" below lowest insulator towards str 9 on east pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK
2'-0" between fiber attachments

Pole 7
4'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 6
8'-6" below lowest insulator towards structure 5. 6'-6" below lowest insulator towards str 7.
Attach Hardware: 2DE
Pull Hardware: BLOCK
2'-0" between fiber attachments

Pole 5
3'-6" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 4
4'-0" below lowest insulator towards str 3 on south pole. 3'-6" below lowest insulator toward structure 5 on south pole.
Attach Hardware: 2DE
Pull Hardware: BLOCK

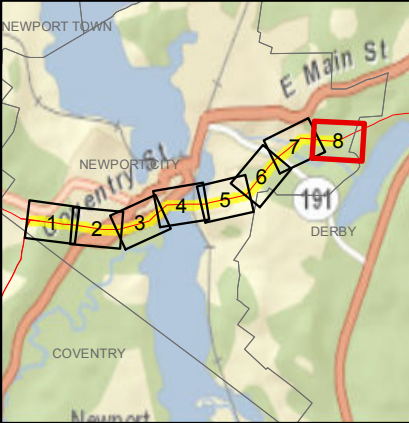
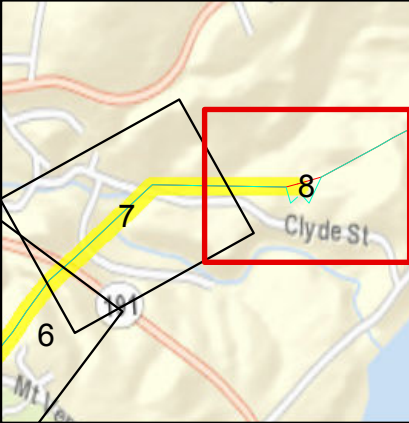
Pole 3
2'-0" below lowest insulator
Attach Hardware: SUSP
Pull Hardware: BLOCK



Fiber Design

Moshers Tap to Newport

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- VELCO Transmission Lines
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0 50 100 200 Feet



Line 1400

K300

Pole 2
1'-6" below
lowest
insulator attachment
Attach Hardware: SUSP
Pull Hardware: BLOCK

Pole 1
6'-0" below lowest
insulator on south pole
Attach
Hardware: DE (SPLICE)
Pull Hardware: BLOCK
Leave 900' fiber tail

NEWPORT-
VELCO

NB-NEWPORT
VELCO-
VEC(0)

NB-
NEWPORT-
VEC(44)

CLYDE ST

Clyde River

Wetland

Wetland

Sheet 7