

Exhibit 4 Figures

**Figure 4.7-2
to
Figure 4.8-1**

FIGURE 4.7-2

SSURGO Soils Crossed by Proposed Route



LEGEND

- Proposed Route
- Existing Substation
- Town/Village Boundary
- Roadway ROW
- Substation Parcels

Sources:

- Proposed Route prepared by Burns & McDonnell, July 2023.
- NYS Civil Boundary Feature Server, April 2020
- Esri WMS, 2020
- Esri Hybrid Reference Layer 2017
- Soil Survey Geographic (SSURGO) database for Suffolk County, New York, U.S. Department of Agriculture, Natural Resources Conservation Service, 2013

PROJECT TITLE

PSEG | LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

SSURGO Soils Crossed by
Proposed Route

SCALE 1" = 400' (Printed on 11"x17")

DATE 1/30/2024

DRN. BY RB

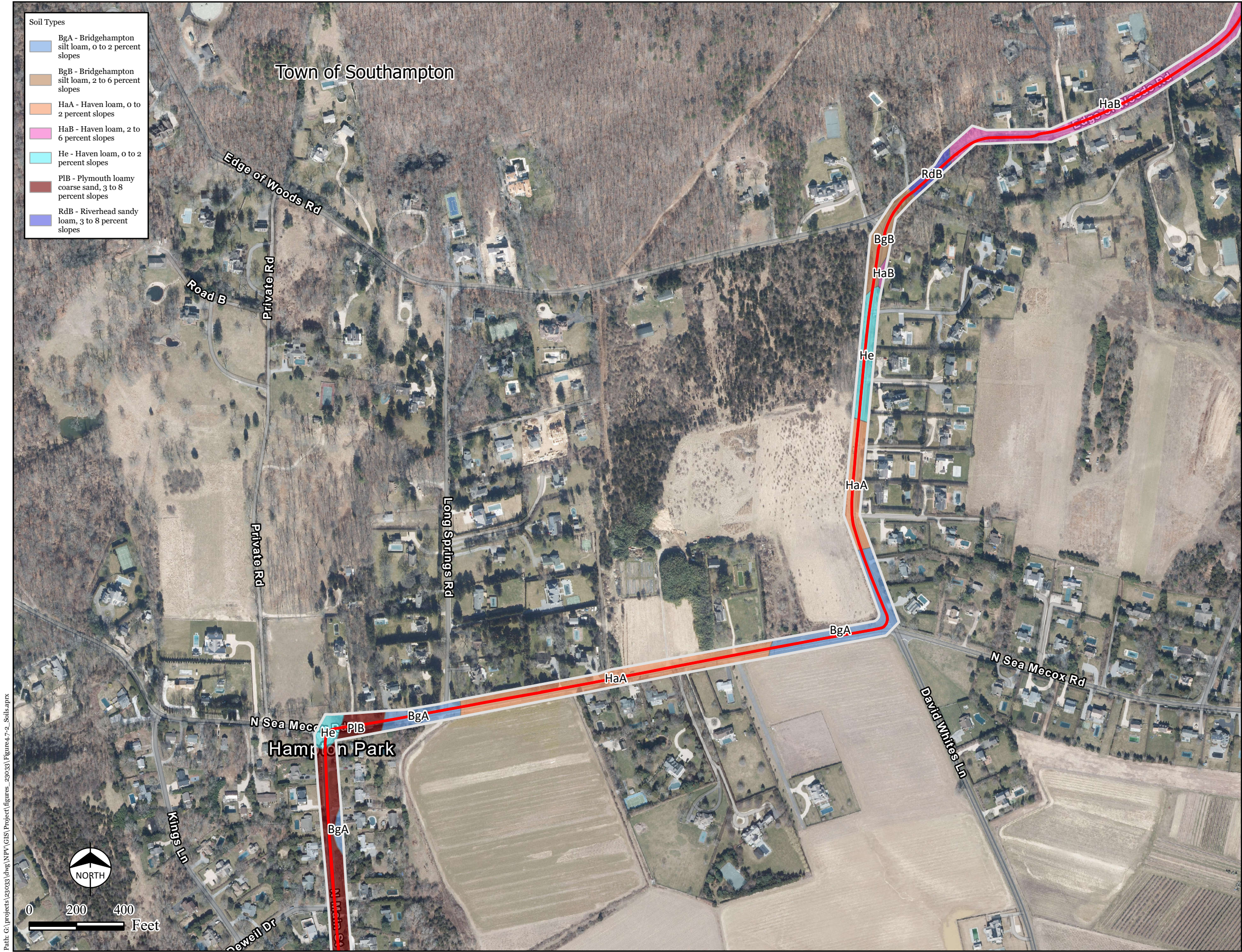
CHK. BY AC

FIGURE NO. 4-7-2 (1 of 5)

**BURNS
MCDONNELL®**

NPV
environmental • land use • planning

PRELIMINARY - NOT FOR CONSTRUCTION



LEGEND

- Proposed Route
- Existing Substation
- Town/Village Boundary
- Roadway ROW
- Substation Parcels

Sources:

- Proposed Route prepared by Burns & McDonnell, July 2023.
- NYS Civil Boundary Feature Server, April 2020
- Esri WMS, 2020
- Esri Hybrid Reference Layer 2017
- Soil Survey Geographic (SSURGO) database for Suffolk County, New York, U.S. Department of Agriculture, Natural Resources Conservation Service, 2013

Key Map

North Sea

Water Mill

Hampton Park

Southampton

0 0.5 1 Miles

PROJECT TITLE

PSEG | LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

SSURGO Soils Crossed by
Proposed Route

SCALE 1" = 400' (Printed on 11"x17")

DATE 1/30/2024

DRN. BY RB

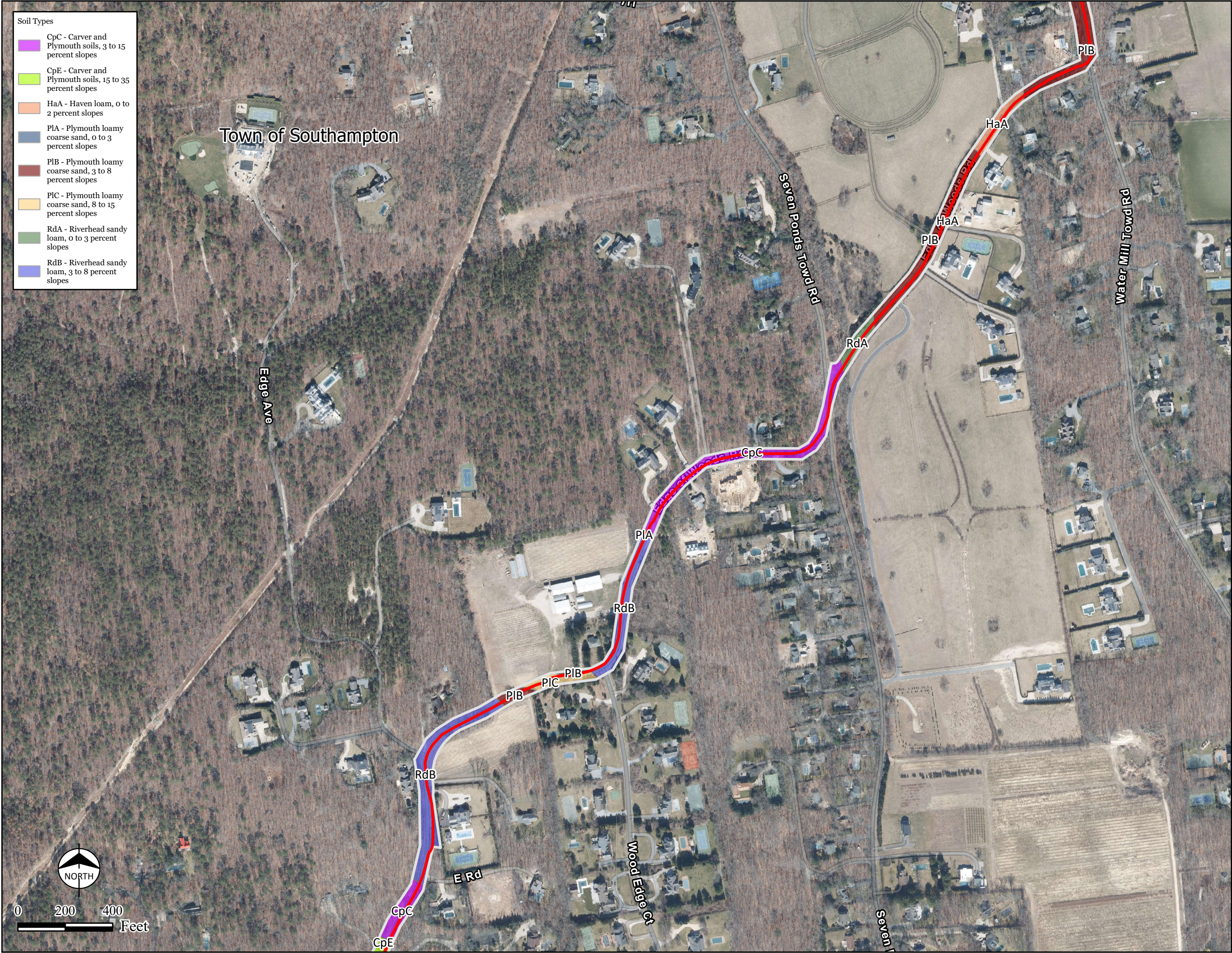
CHK. BY AC

FIGURE NO. 4-7-2 (3 of 5)

**BURNS
MCDONNELL®**

NPV
environmental • land use • planning

PRELIMINARY - NOT FOR CONSTRUCTION

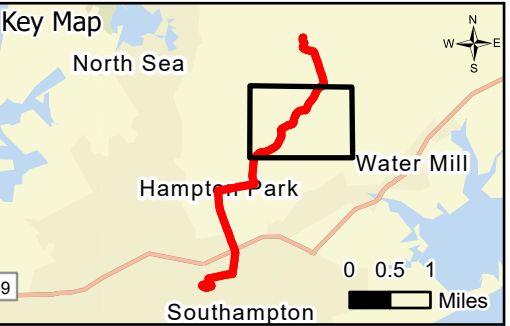


LEGEND

- Proposed Route
- Existing Substation
- Town/Village Boundary
- Roadway ROW
- Substation Parcels

Sources:

- Proposed Route prepared by Burns & McDonnell, July 2023.
- NYS Civil Boundary Feature Server, April 2020
- Esri WMS, 2020
- Esri Hybrid Reference Layer 2017
- Soil Survey Geographic (SSURGO) database for Suffolk County, New York, U.S. Department of Agriculture, Natural Resources Conservation Service, 2013



PROJECT TITLE

PSEG | LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

SSURGO Soils Crossed by
Proposed Route

SCALE 1" = 400' (Printed on 11"x17")

DATE 1/30/2024

DRN. BY RB

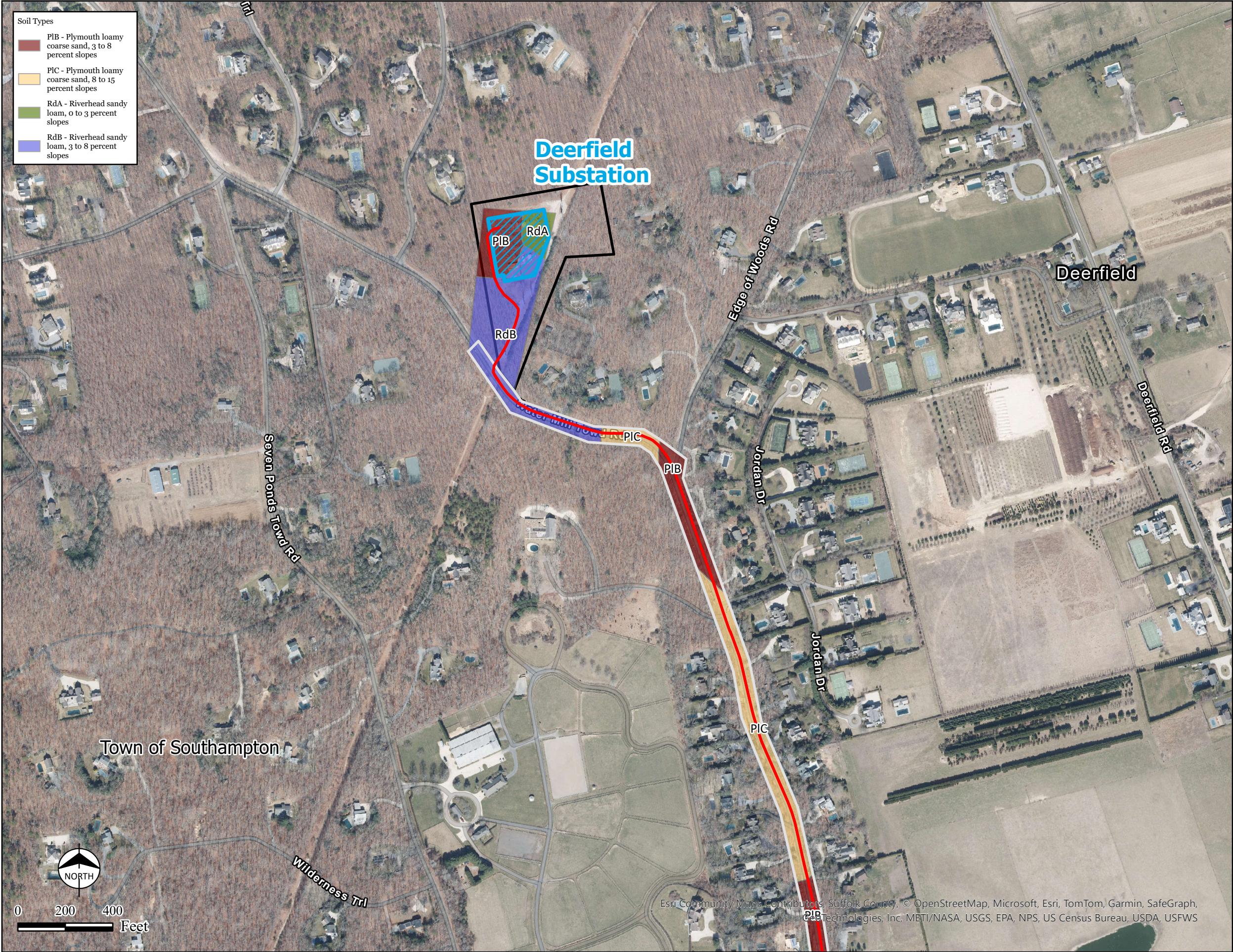
CHK. BY AC

FIGURE NO. 4.7-2 (4 of 5)

**BURNS
MCDONNELL**

NPV
environmental • land use • planning

PRELIMINARY - NOT FOR CONSTRUCTION

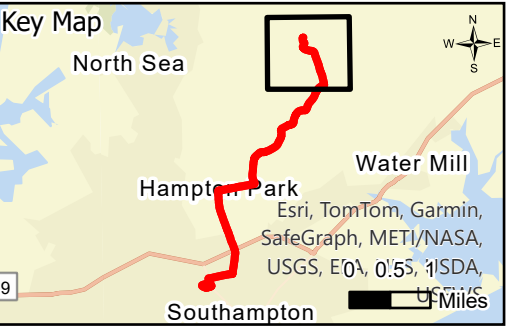


LEGEND

- Proposed Route
- Existing Substation
- Town/Village Boundary
- Roadway ROW
- Substation Parcels

Sources:

- Proposed Route prepared by Burns & McDonnell, July 2023.
- NYS Civil Boundary Feature Server, April 2020
- Esri WMS, 2020
- Esri Hybrid Reference Layer 2017
- Soil Survey Geographic (SSURGO) database for Suffolk County, New York, U.S. Department of Agriculture, Natural Resources Conservation Service, 2013



PROJECT TITLE

PSEG | LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

SSURGO Soils Crossed by
Proposed Route

SCALE 1" = 400' (Printed on 11"x17")

DATE 1/30/2024

DRN. BY RB

CHK. BY AC

FIGURE NO. 4.7-2 (5 of 5)

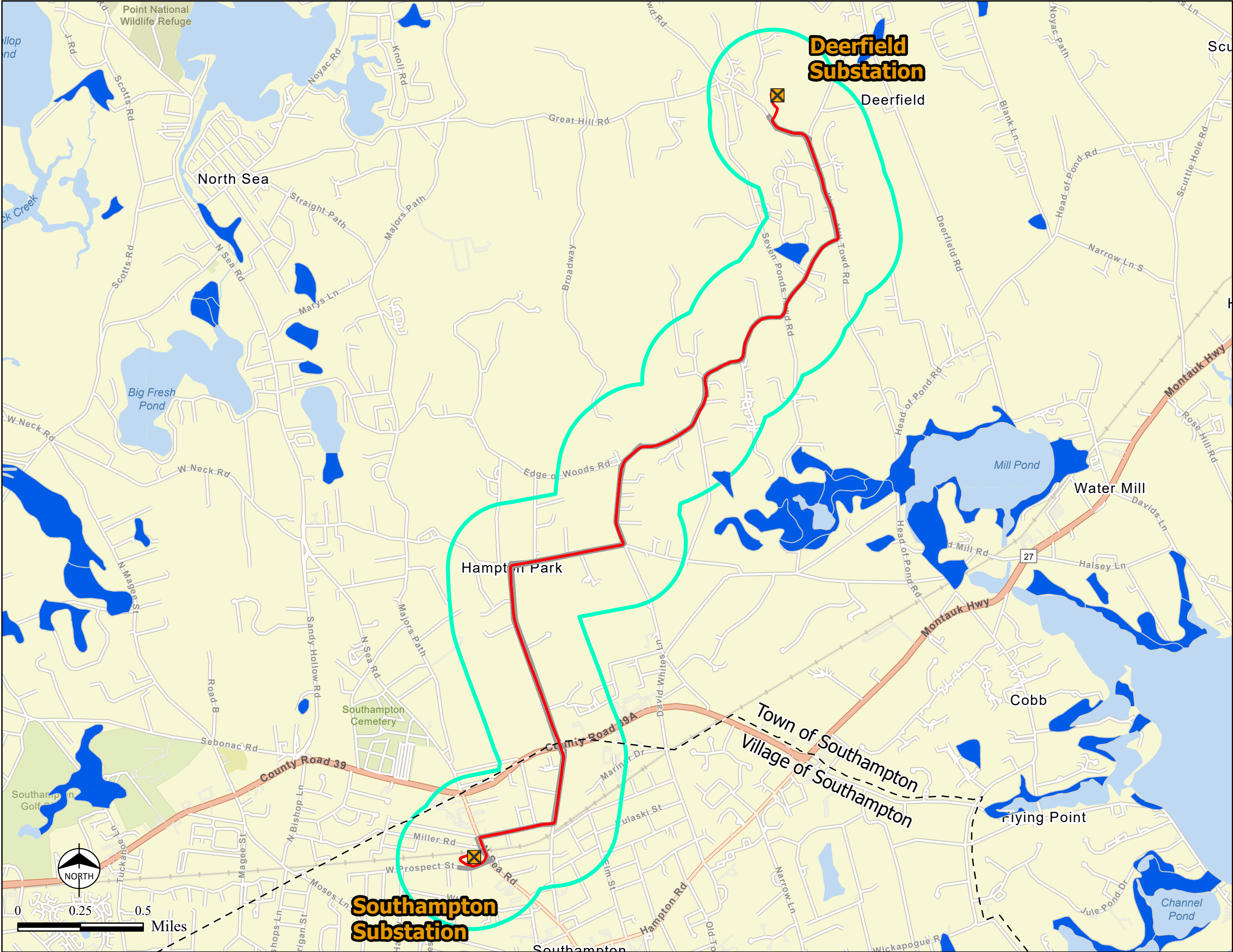
**BURNS
MCDONNELL**

NPV
environmental • land use • planning

PRELIMINARY - NOT FOR CONSTRUCTION

FIGURE 4.7-3

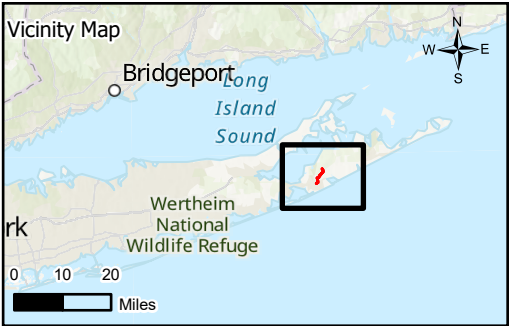
Hydric Soils Along Proposed Route



Legend

- Existing Substation
- Proposed Route
- Hydric Soils
- Town/Village Boundary
- 1/4 Mile Buffer of Right of Way
- Roadway ROW

- Sources:
- Proposed Route prepared by Burns & McDonnell, July 2023.
 - NYS Civil Boundary Feature Server, April 2020
 - USGS Soil Survey Geographic (SSURGO), 2015
 - Esri Streets Map, 2017



PROJECT TITLE

PSEG | LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Hydric Soils Along Proposed
Route

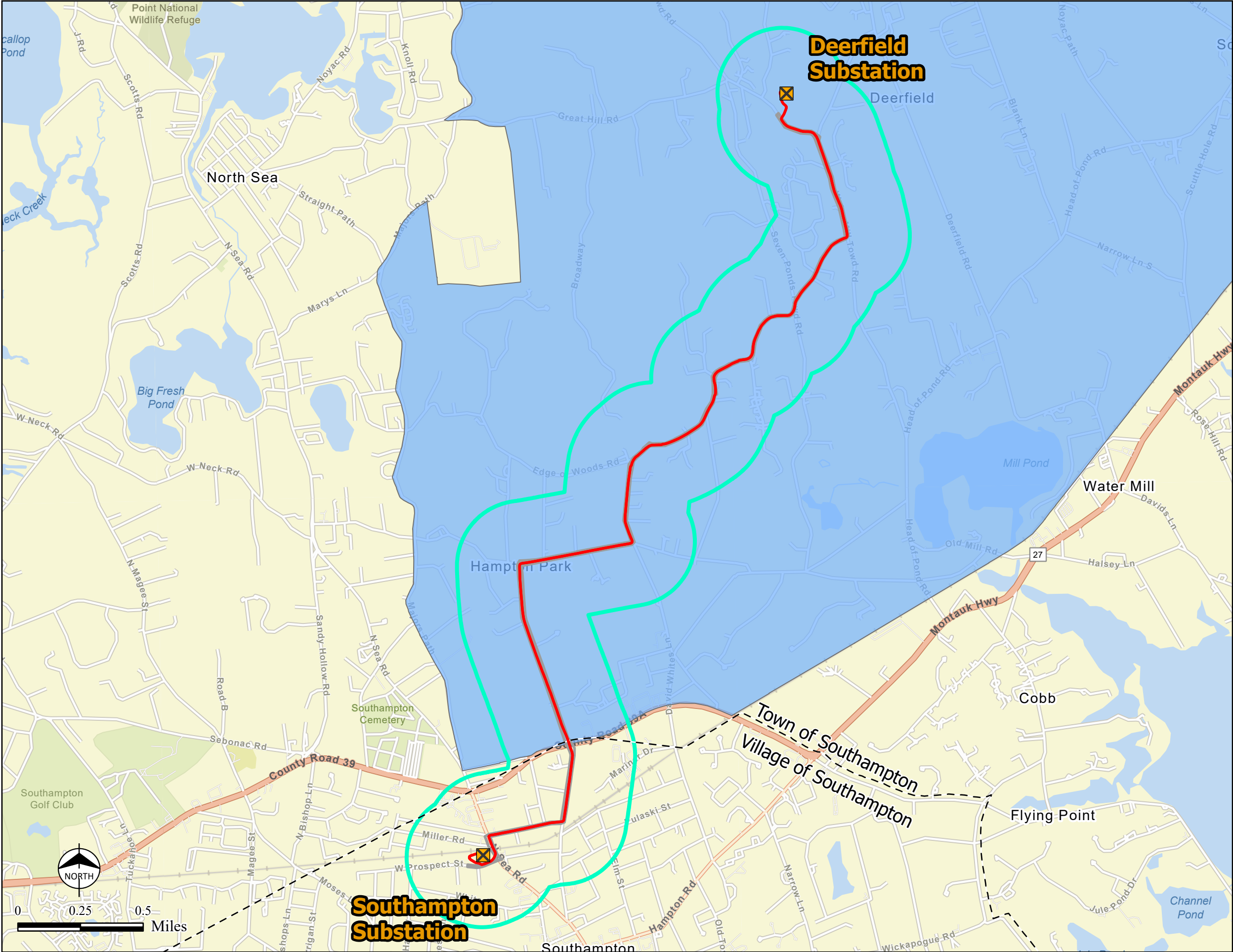
SCALE 1" = 2000' (Printed on 11"x17")

DATE	1/29/2024	
DRN. BY	RB	
CHK. BY	AC	
FIGURE NO.	4-7-3	

PRELIMINARY - NOT FOR CONSTRUCTION

FIGURE 4.7-4

Special Groundwater Protection Areas



Legend

Existing Substation

Proposed Route

Town/Village Boundary

Roadway ROW

1/4 Mile Buffer of Right of Way

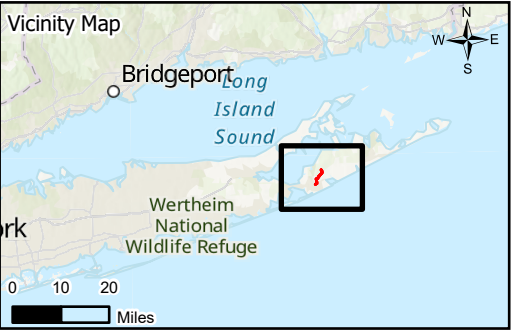
Special Groundwater Protection Areas

- Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.

2. NYS Civil Boundary Feature Server, April 2017

3. Esri WMS, Streets map, 2023

4. NYS Critical Environmental Areas, 2022



PROJECT TITLE

LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Special Groundwater
Protection Areas

SCALE 1" = 2000' (Printed on 11"x17")

DATE1/29/2024

DRN. BYRB

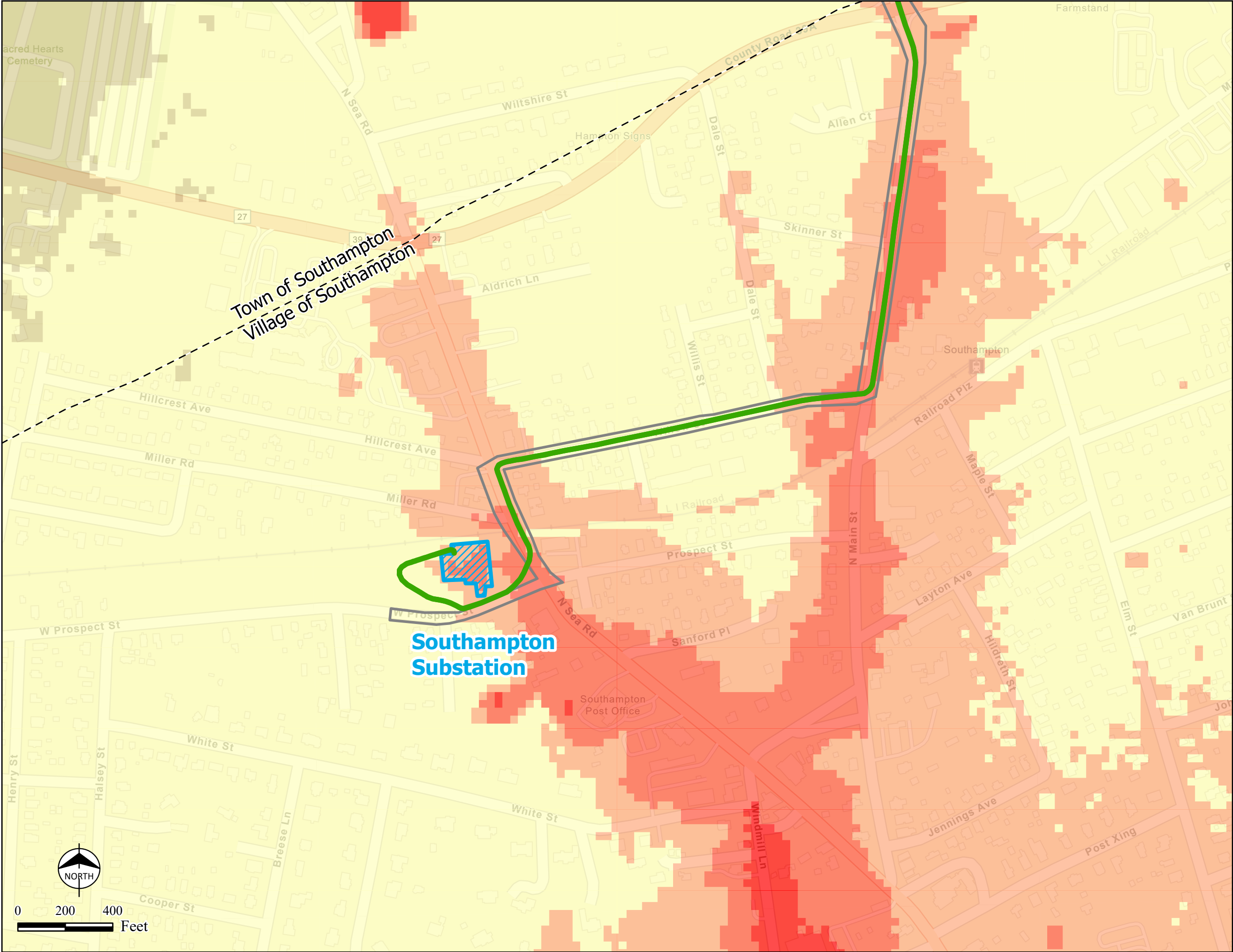
CHK. BYAC

FIGURE NO. 4-7-4

PRELIMINARY - NOT FOR CONSTRUCTION

FIGURE 4.7-5

Depth to Groundwater



Legend

Proposed Route

Roadway ROW

Existing Substation

Town/Village Boundary

Depth to Groundwater (Feet)

< 11

11 - 20

21 - 30

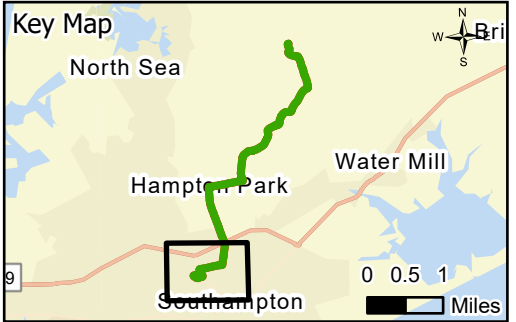
31 - 50

51 - 75

76 - 100

100+

Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.
2. NYS Civil Boundary Feature Server, April 2020
3. Esri Streets Map, 2017
4. USGS Depth to Water, USGS Hydrologic Conditions Maps for Long Island, NY, 2016



PROJECT TITLE

PSEG

LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Depth to Groundwater

SCALE 1" = 400' (Printed on 11"x17")

DATE

1/29/2024

DRN. BY

RB

CHK. BY

AC

FIGURE NO.

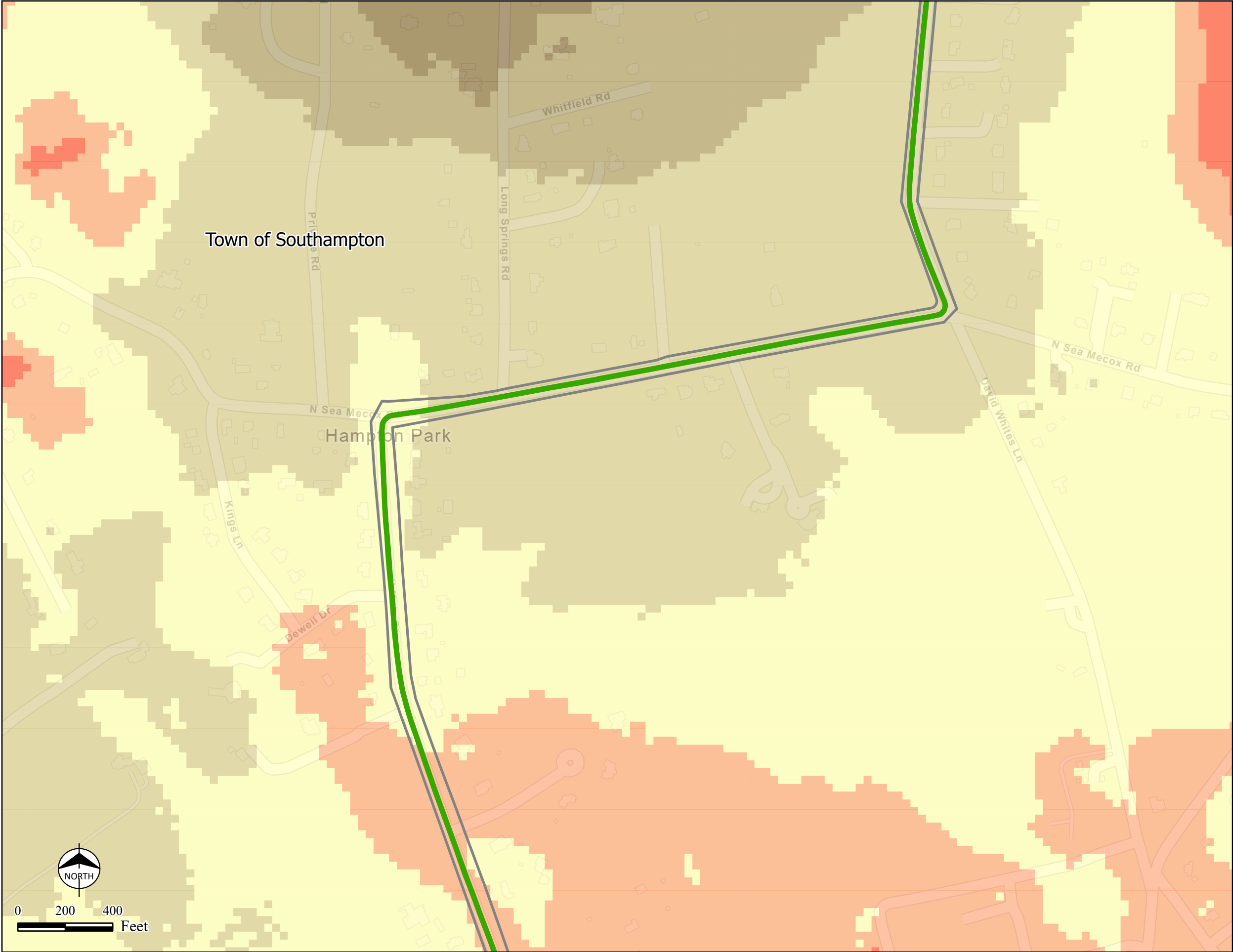
4.7-5 (1 of 5)

BURNS
MCDONNELL

NPV

environmental • land use • planning

PRELIMINARY - NOT FOR CONSTRUCTION



Legend

Proposed Route

Roadway ROW

Existing Substation

1/4 Mile Buffer of Right of Way

Town/Village Boundary

Depth to Groundwater (Feet)

< 11

11 - 20

21 - 30

31 - 50

51 - 75


76 - 100

100+

Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.
2. NYS Civil Boundary Feature Server, April 2020
3. Esri Streets Map, 2017
4. USGS Depth to Water, USGS Hydrologic Conditions Maps for Long Island, NY, 2016

Key Map

PROJECT TITLE

 **PSEG**

LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Depth to Groundwater

SCALE 1" = 400' (Printed on 11"x17")

DATE1/29/2024

DRN. BYRB

CHK. BYAC



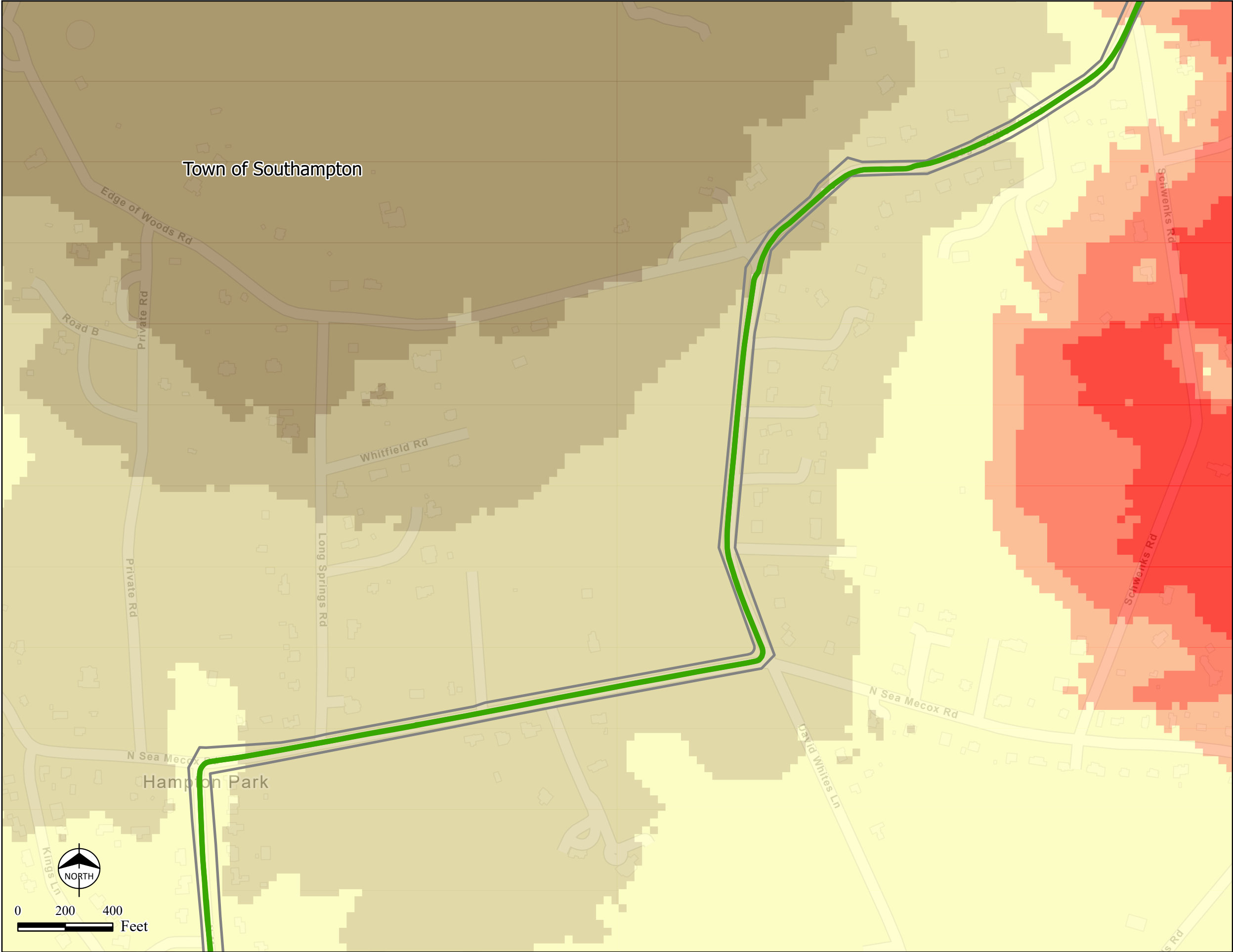


environmental • land use • planning

FIGURE NO. 4.7-5 (2 of 5)

PRELIMINARY - NOT FOR CONSTRUCTION

Path: G:\projects\230333\dwg\NPV\GIS\Project\figures_230333\Figure4.7-5_DepthtoGW.aprx

© OpenStreetMap, EPA, Esri, Esri Community Maps Contributors, Garmin, Geo/Technologies, HERE, METI/NASA, Microsoft, NPS, Safegraph, Suffolk County, US Census Bureau, USDA, USGS



Legend

Proposed Route

Roadway ROW

Existing Substation

1/4 Mile Buffer of Right of Way

Town/Village Boundary

Depth to Groundwater (Feet)

< 11

11 - 20

21 - 30

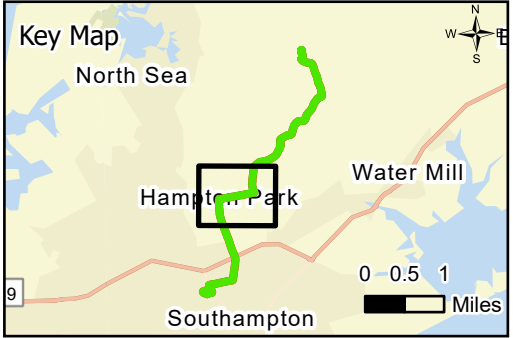
31 - 50

51 - 75

76 - 100

100+

Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.
2. NYS Civil Boundary Feature Server, April 2020
3. Esri Streets Map, 2017
4. USGS Depth to Water, USGS Hydrologic Conditions Maps for Long Island, NY, 2016



PROJECT TITLE

PSEG

LONG ISLAND

Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Depth to Groundwater

SCALE 1" = 400' (Printed on 11"x17")

DATE1/29/2024

DRN. BYRB

CHK. BYAC

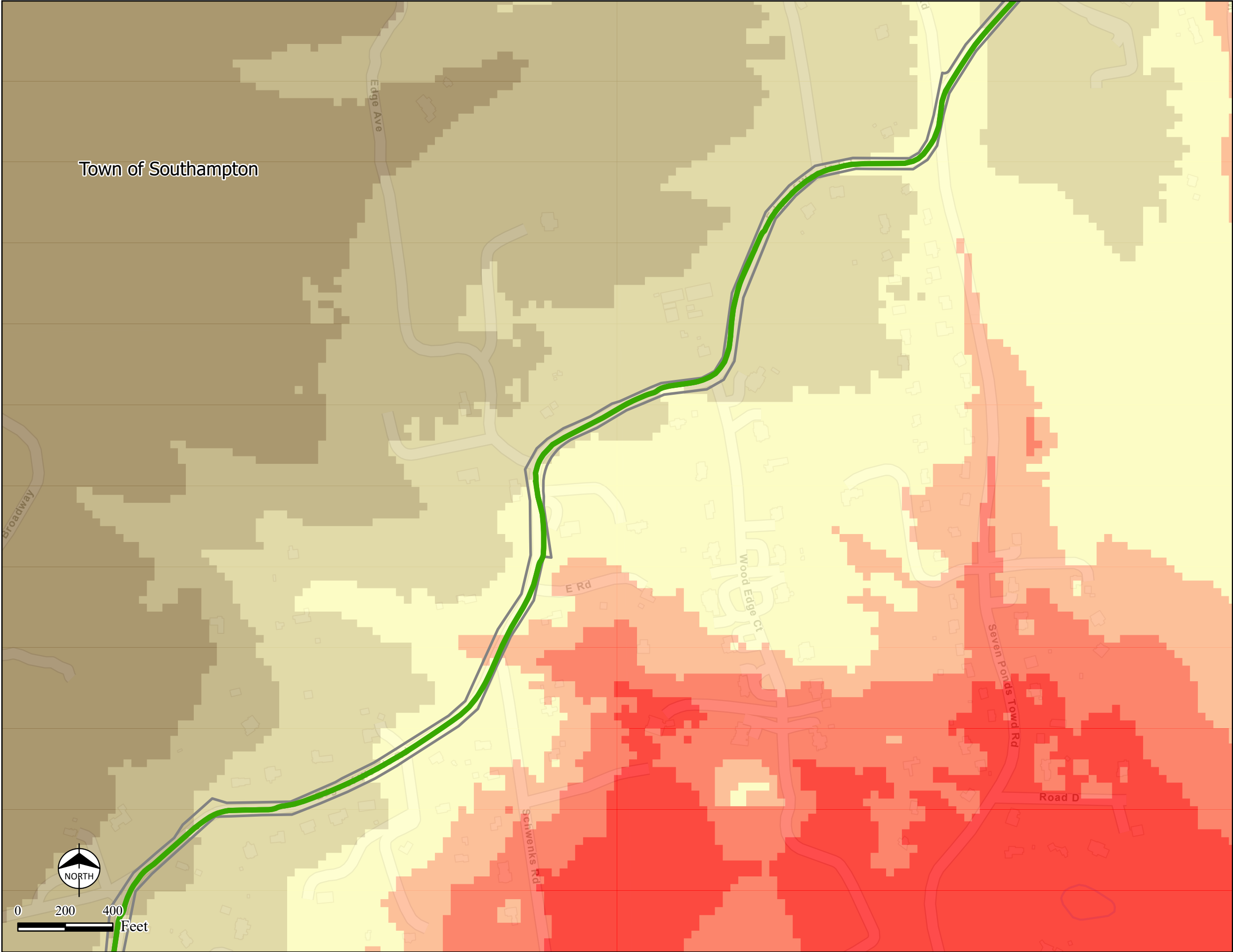
BURNS
MCDONNELL

NPV
environmental • land use • planning

FIGURE NO. 4.7-5 (3 of 5)

PRELIMINARY - NOT FOR CONSTRUCTION

Path: C:\projects\231033\dwg\NPV\GIS\Project\figures_23033\Figure4.7-5_DepthtoGW.aprx



Legend

Proposed Route

Roadway ROW

Existing Substation

1/4 Mile Buffer of Right of Way

Town/Village Boundary

Depth to Groundwater (Feet)

< 11

11 - 20

21 - 30

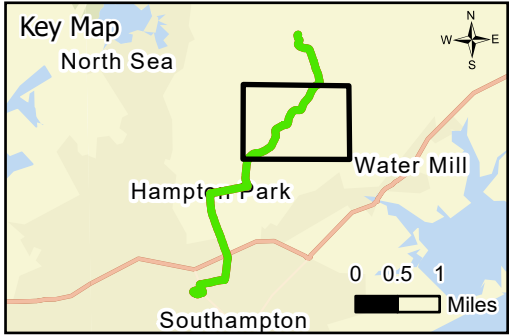
31 - 50

51 - 75

76 - 100

100+

Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.
2. NYS Civil Boundary Feature Server, April 2020
3. Esri Streets Map, 2017
4. USGS Depth to Water, USGS Hydrologic Conditions Maps for Long Island, NY, 2016



PROJECT TITLE



Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Depth to Groundwater

SCALE 1" = 400' (Printed on 11"x17")

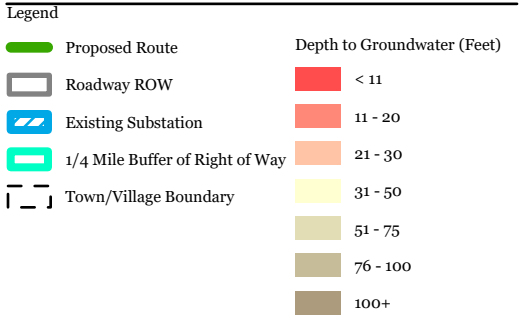
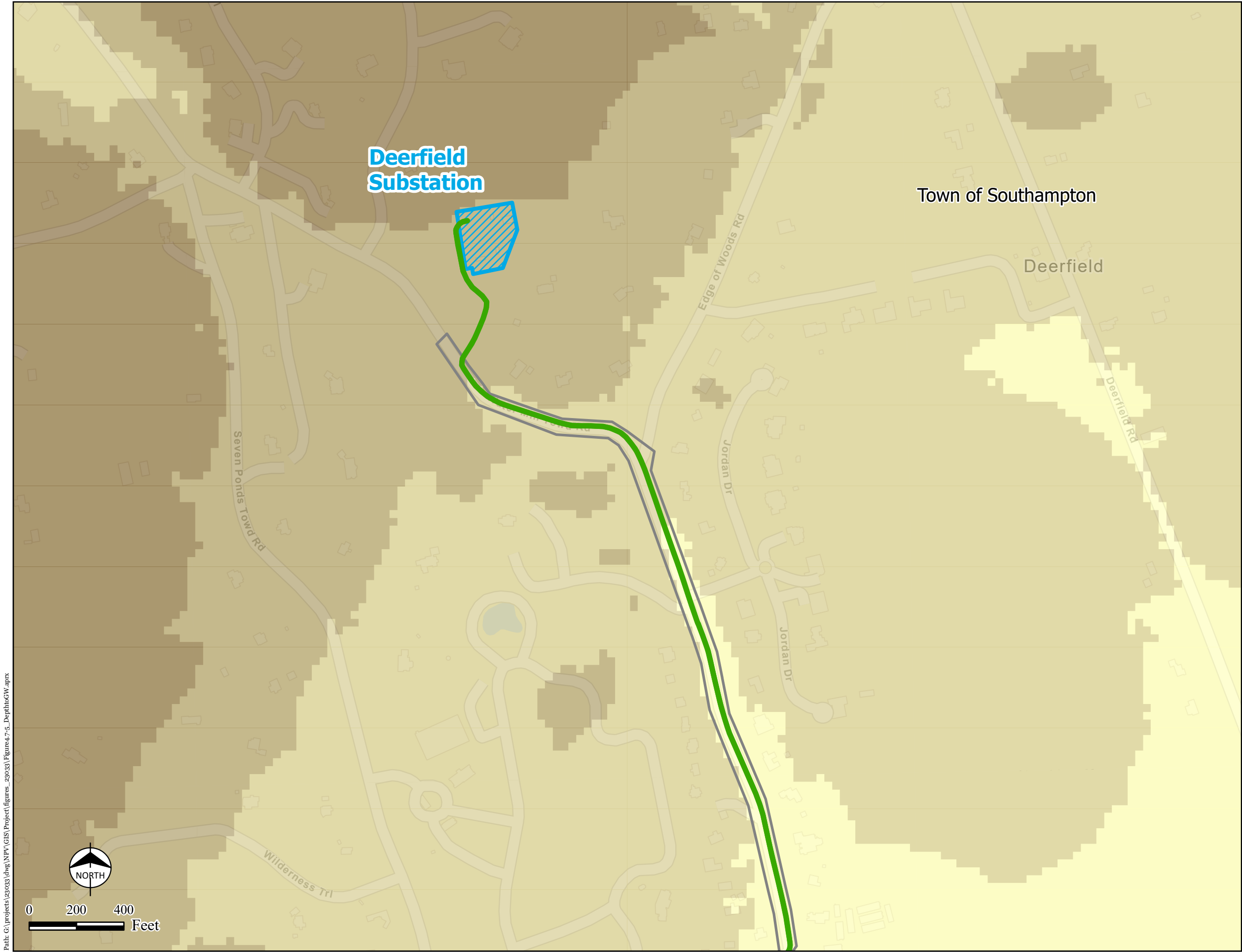
DATE1/29/2024

DRN. BYRB

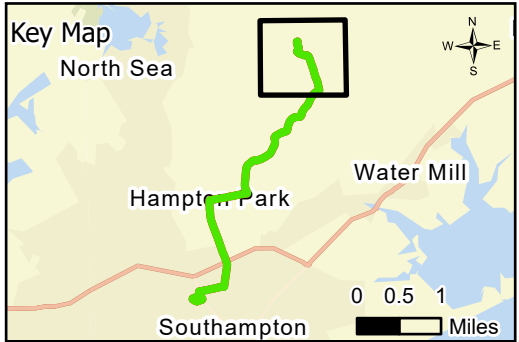
CHK. BYAC

FIGURE NO.4-7-5 (4 of 5)

PRELIMINARY - NOT FOR CONSTRUCTION



Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.
2. NYS Civil Boundary Feature Server, April 2020
3. Esri Streets Map, 2017
4. USGS Depth to Water, USGS Hydrologic Conditions Maps for Long Island, NY, 2016



PROJECT TITLE



Southampton to Deerfield
Transmission Project
Article VII Application

SHEET TITLE

Depth to Groundwater

SCALE 1" = 400' (Printed on 11"x17")

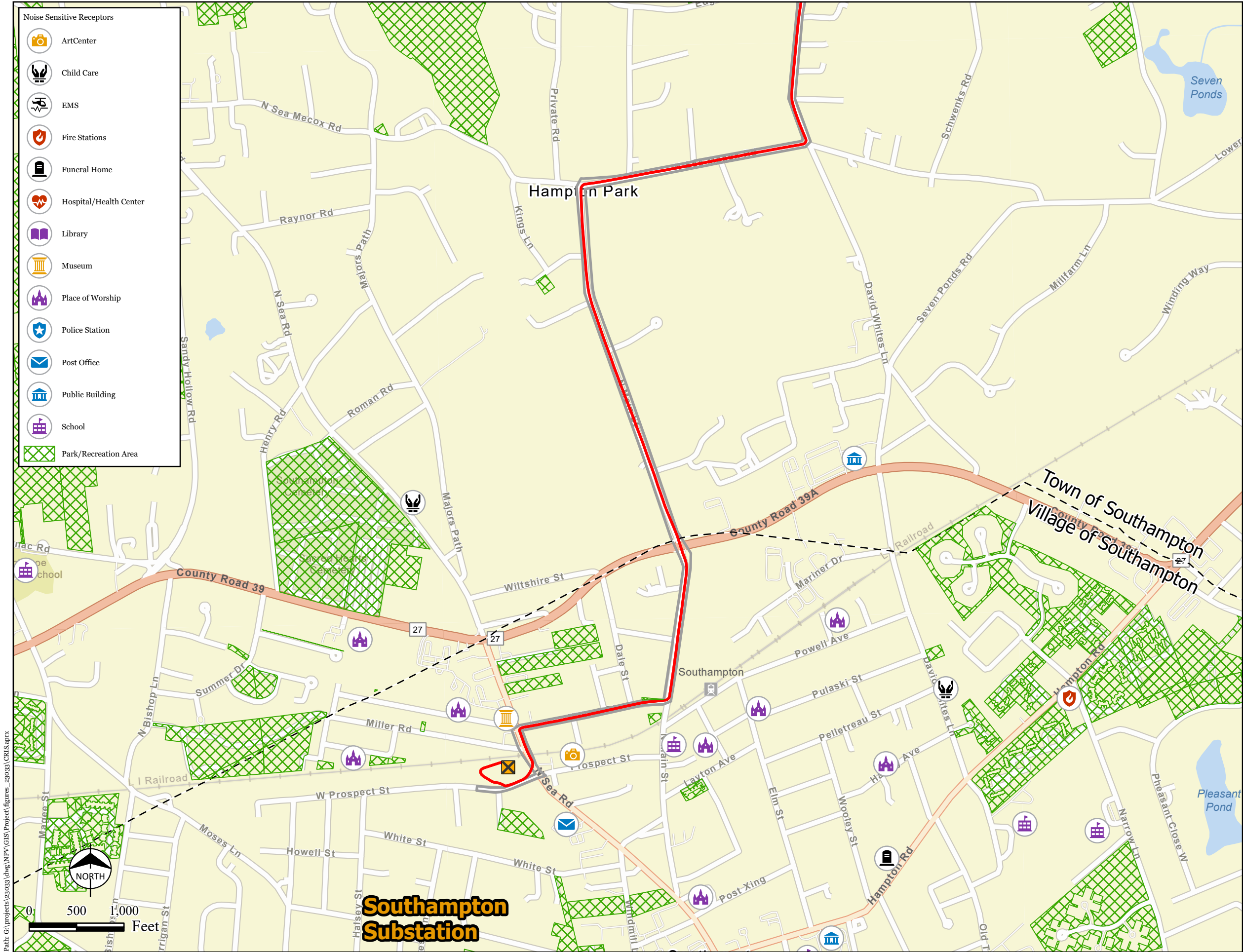
DATE	1/29/2024	
DRN. BY	RB	
CHK. BY	AC	

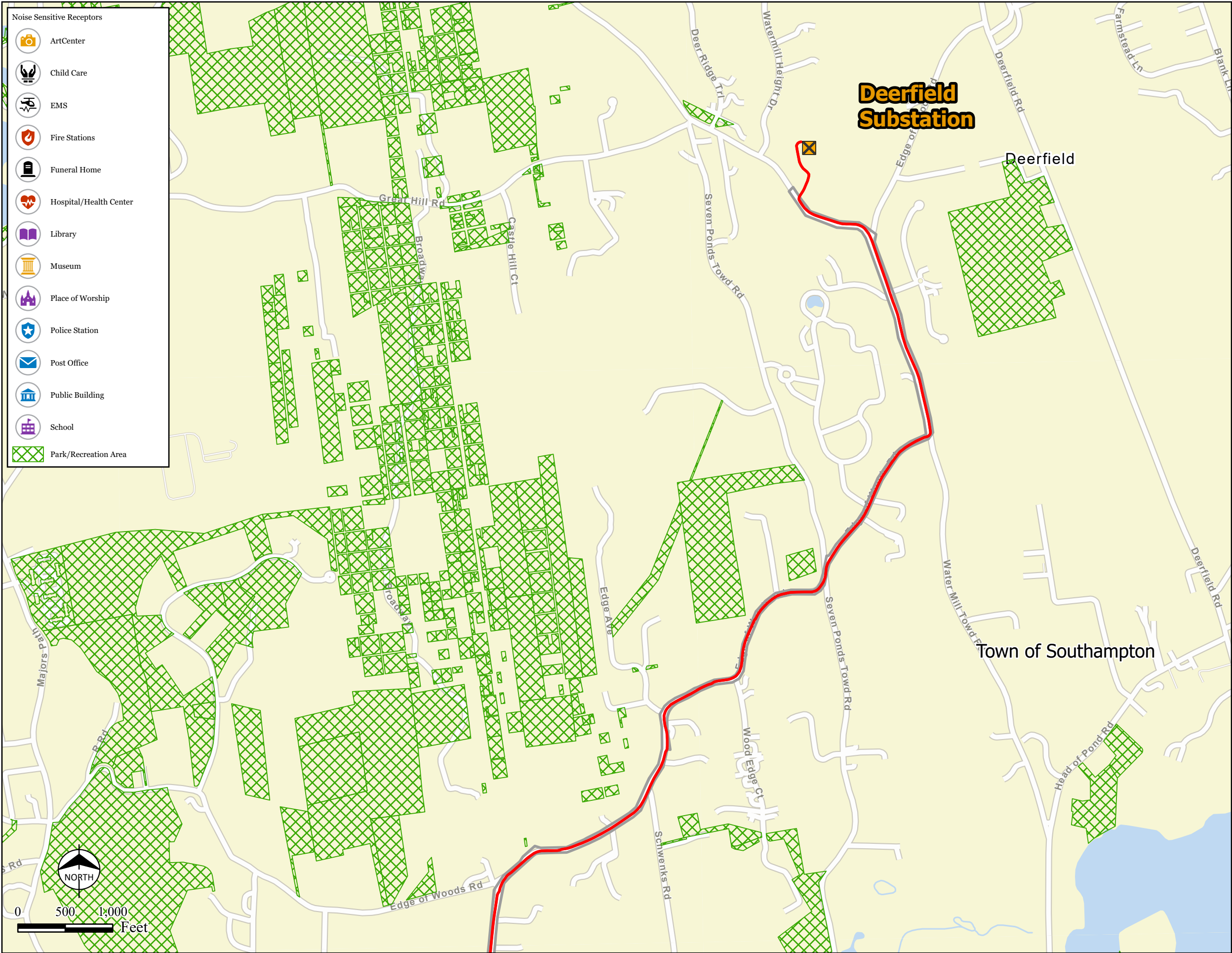
FIGURE NO. 4.7-5 (5 of 5)

PRELIMINARY - NOT FOR CONSTRUCTION

FIGURE 4.8-1

Noise Sensitive Receptors

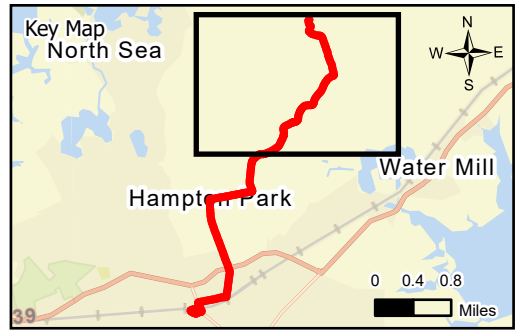




LEGEND

- Existing Substation
- Proposed Route
- Town/Village Boundary
- Roadway ROW

Sources:
1. Proposed Route prepared by Burns & McDonnell, July 2023.
2. NYS Civil Boundary Feature Server, April 2017
3. ESRI WMS, 2023
4. Noise Sensitive Receptors compiled from: Google Maps, Suffolk County GIS, 2023



PROJECT TITLE

PSEG | LONG ISLAND

**Southampton to Deerfield
Transmission Project
Article VII Application**

SHEET TITLE

Noise Sensitive Receptors

SCALE 1" = 1000' (Printed on 11"x17")


DATE	1/29/2024	
DRN. BY	RB	
CHK. BY	AC	

FIGURE NO. 4.8-1 (2 of 2)

PRELIMINARY - NOT FOR CONSTRUCTION