



Legend

- Open Trench
- HDD
- Jack & Bore
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

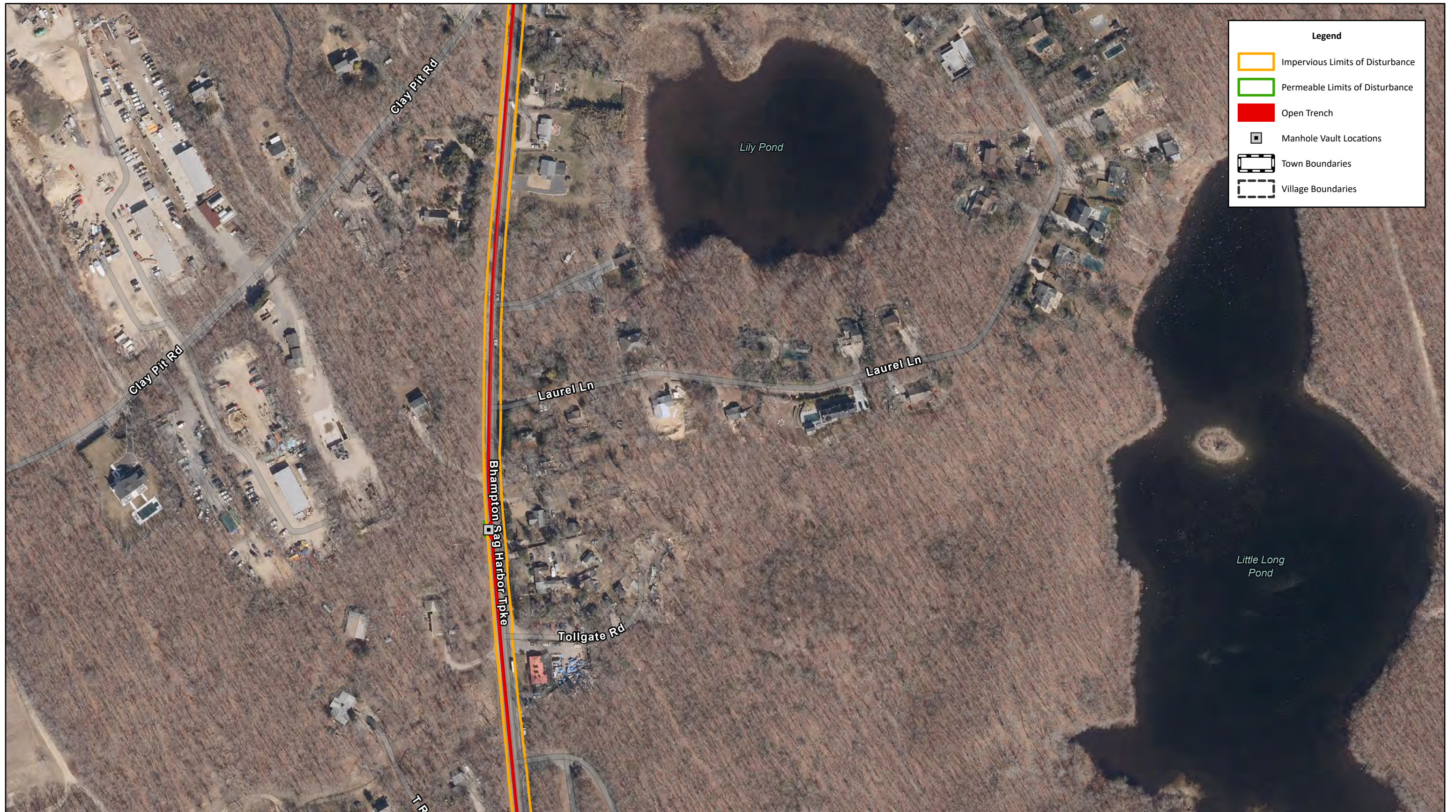
FIGURE 1
PREFERRED ALTERNATIVE ROUTE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Open Trench
- Town Boundaries
- Village Boundaries

**FIGURE 2-1
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**
Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



**FIGURE 2-2
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

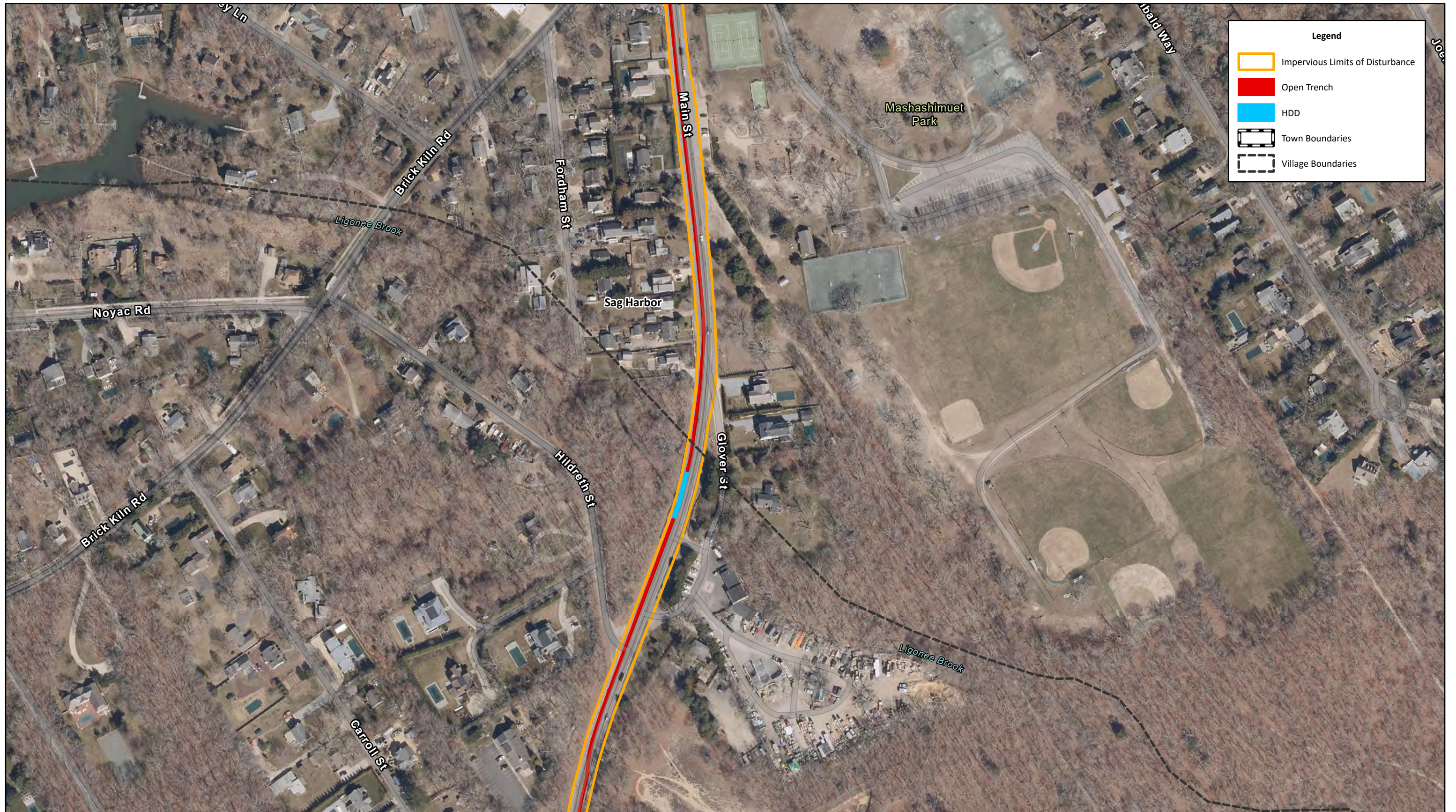


FIGURE 2-4
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

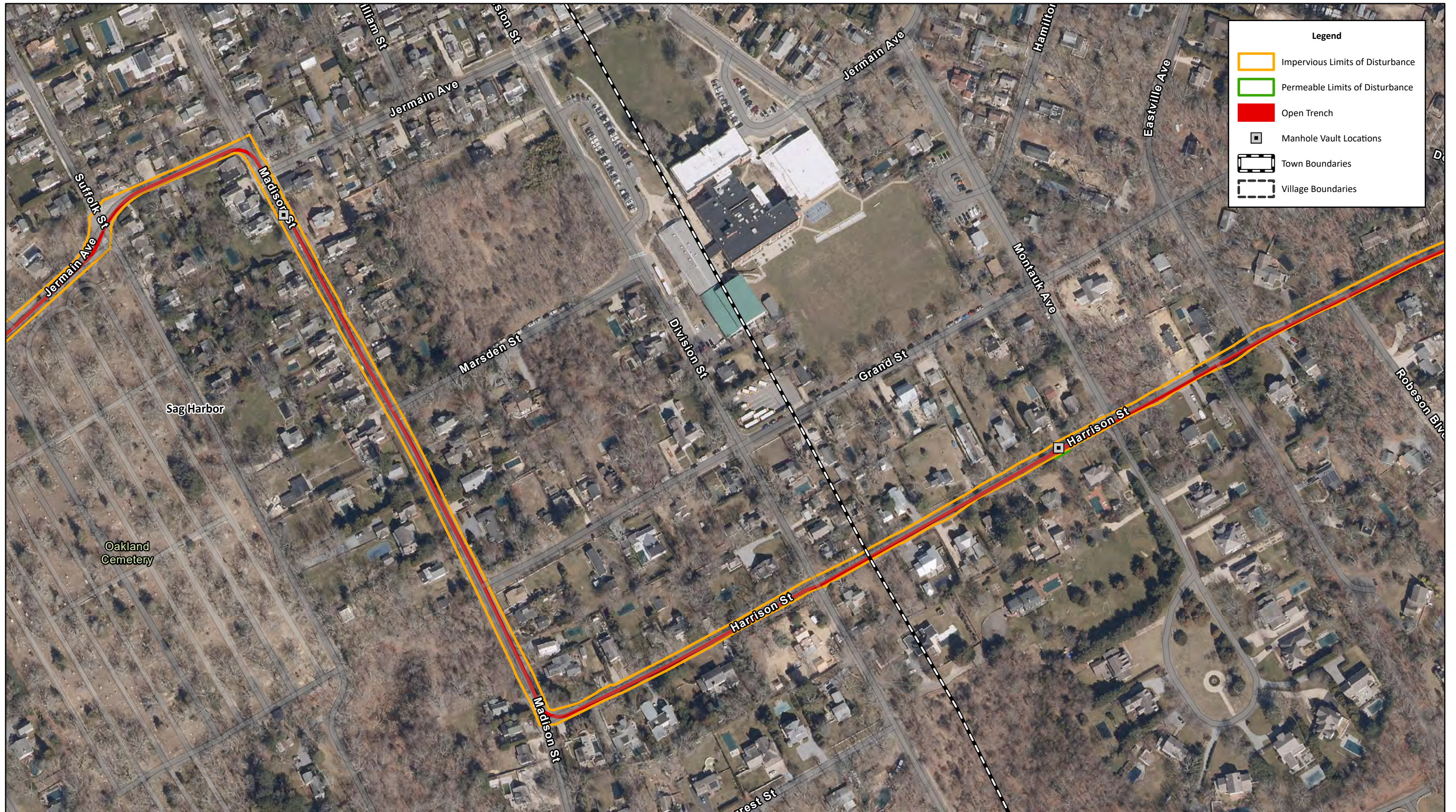
Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

**FIGURE 2-5
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**
Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

**FIGURE 2-6
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



FIGURE 2-7
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



**FIGURE 2-8
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**
Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- HDD
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

**FIGURE 2-9
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**
Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

**FIGURE 2-10
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



Legend

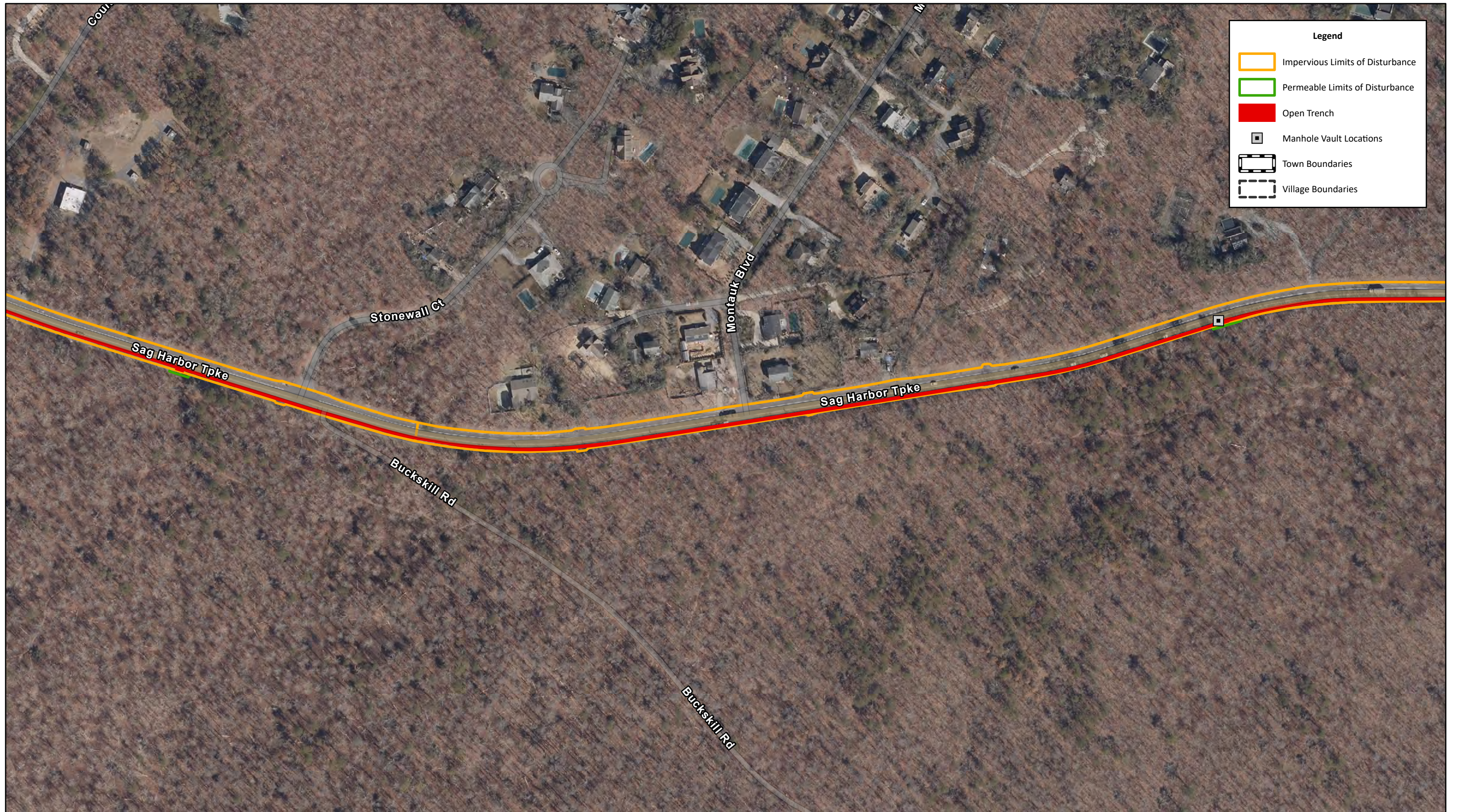
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

FIGURE 2-11
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



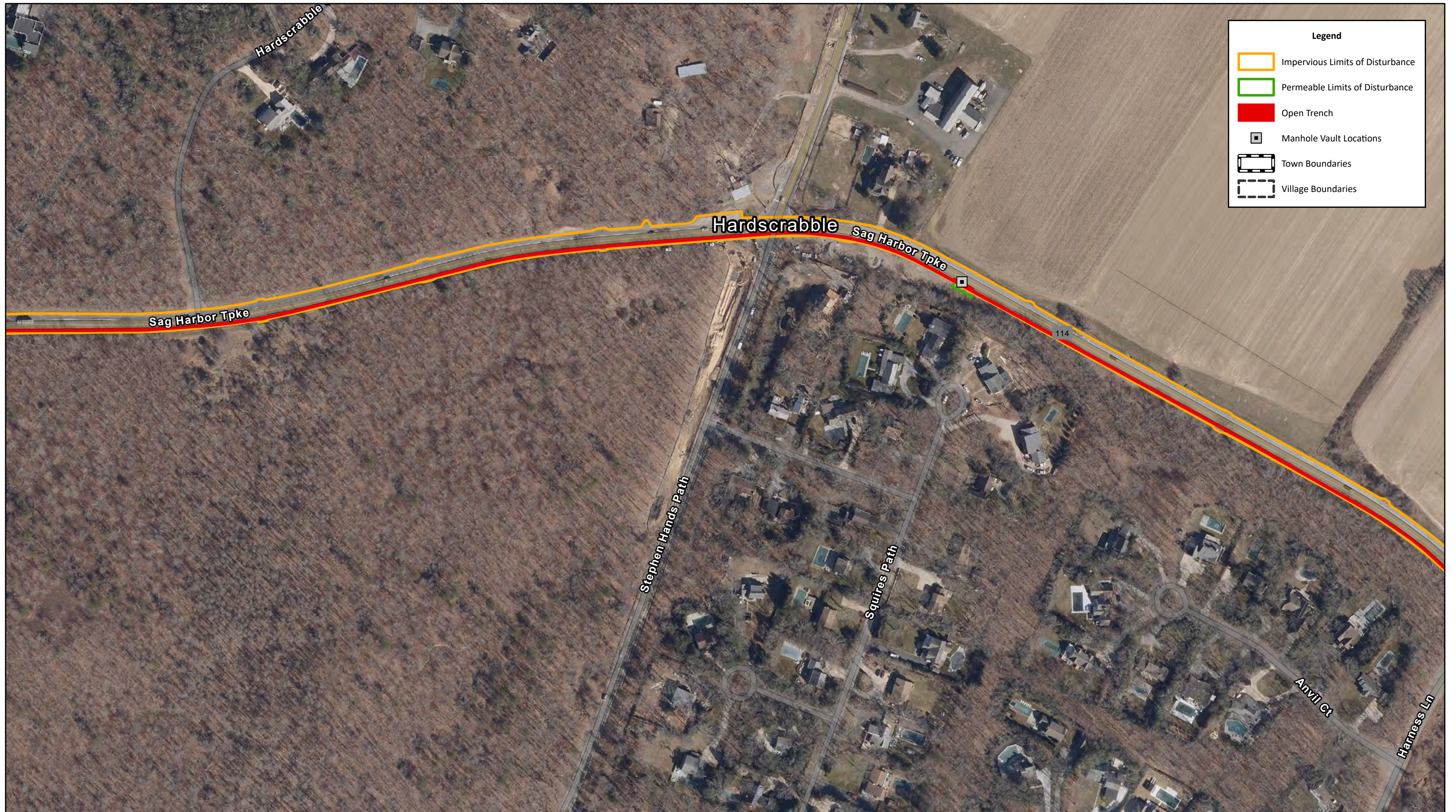
Legend

- Impervious Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

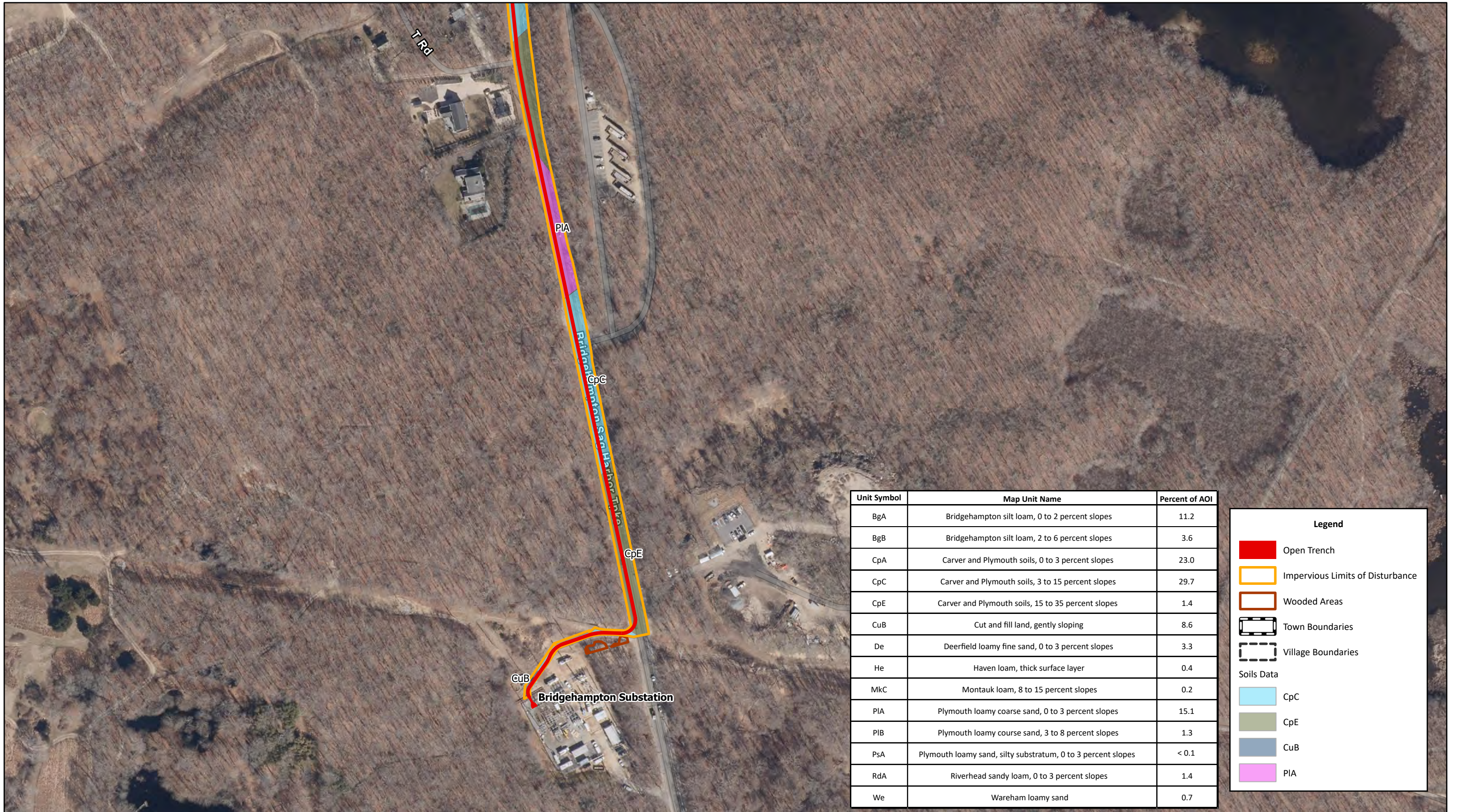


Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

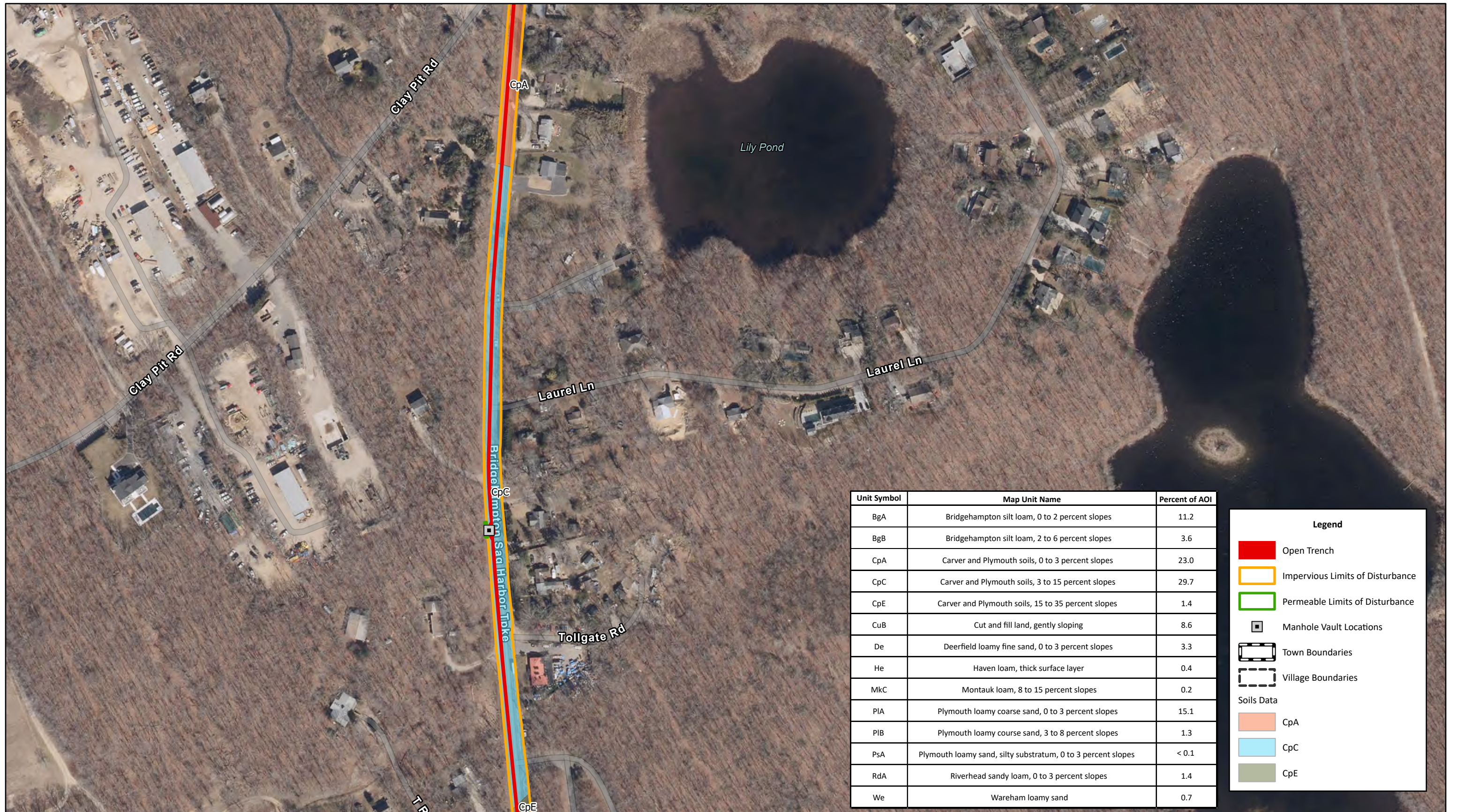


FIGURE 2-16
AERIAL MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2024



**FIGURE 3-1
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov



Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy course sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

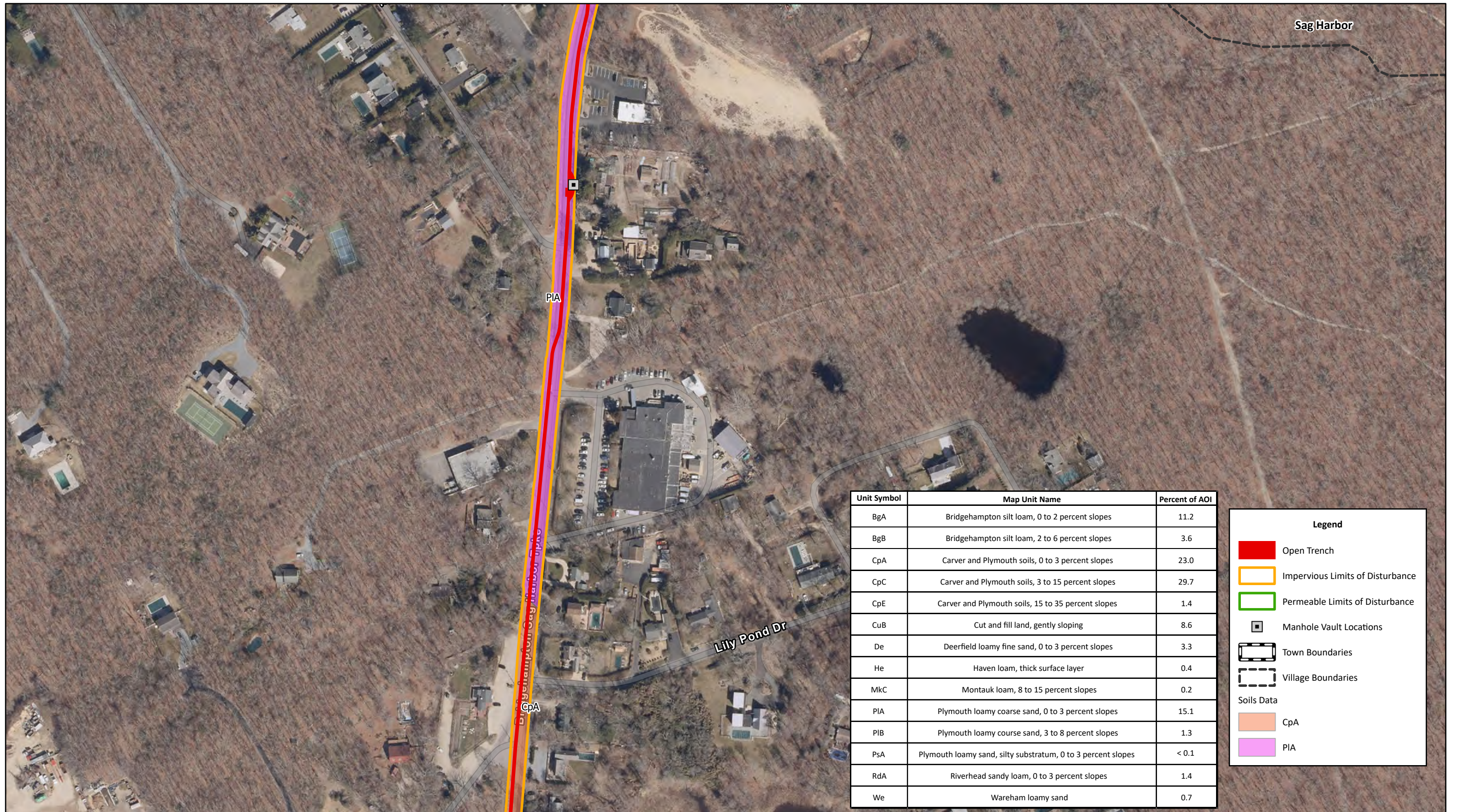
Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- CpC
- CpE

FIGURE 3-2
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov



Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy course sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- PIA

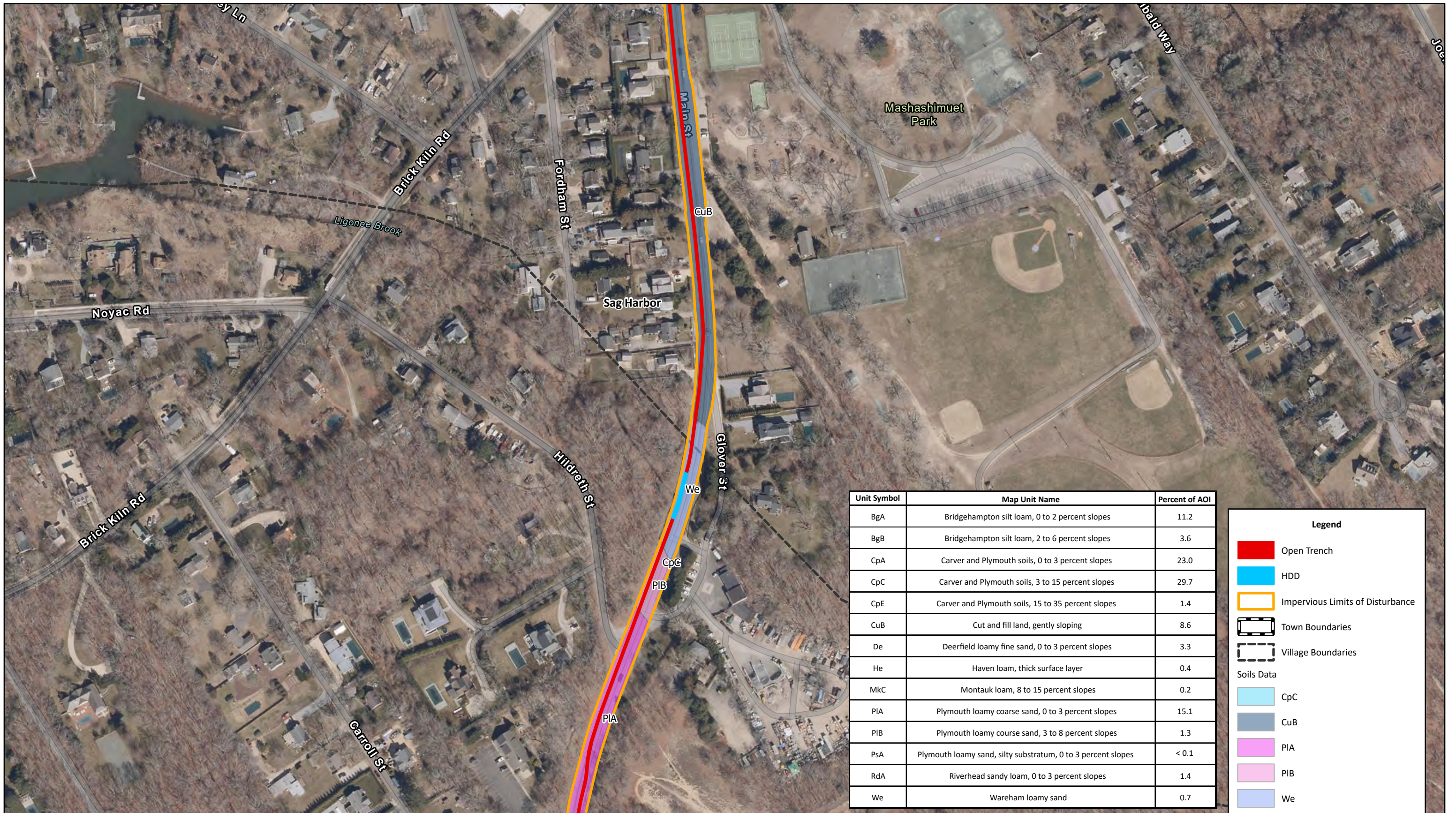


FIGURE 3-4
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov



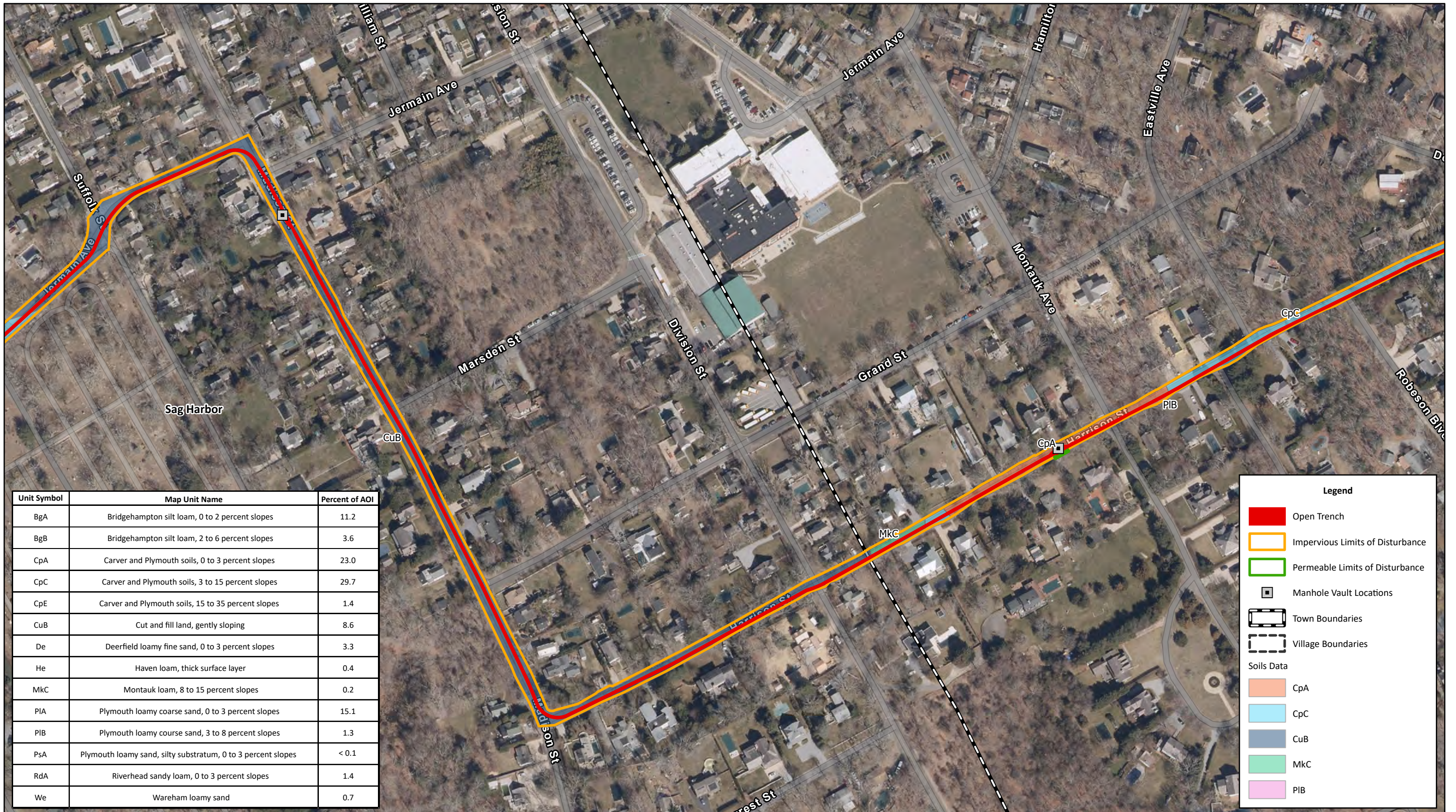
Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- CpC
- CuB



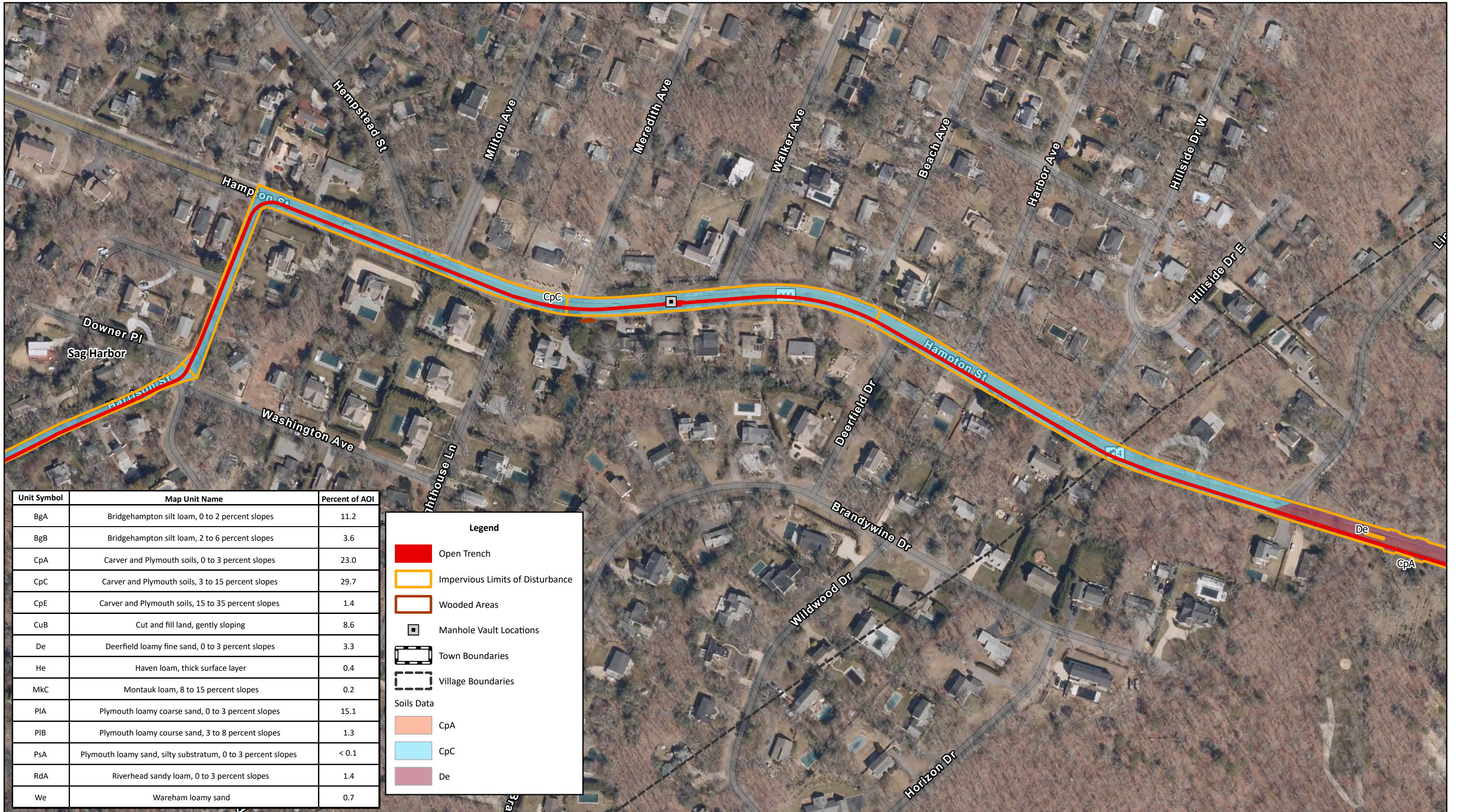
Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- CpC
- CuB
- MkC
- PIB



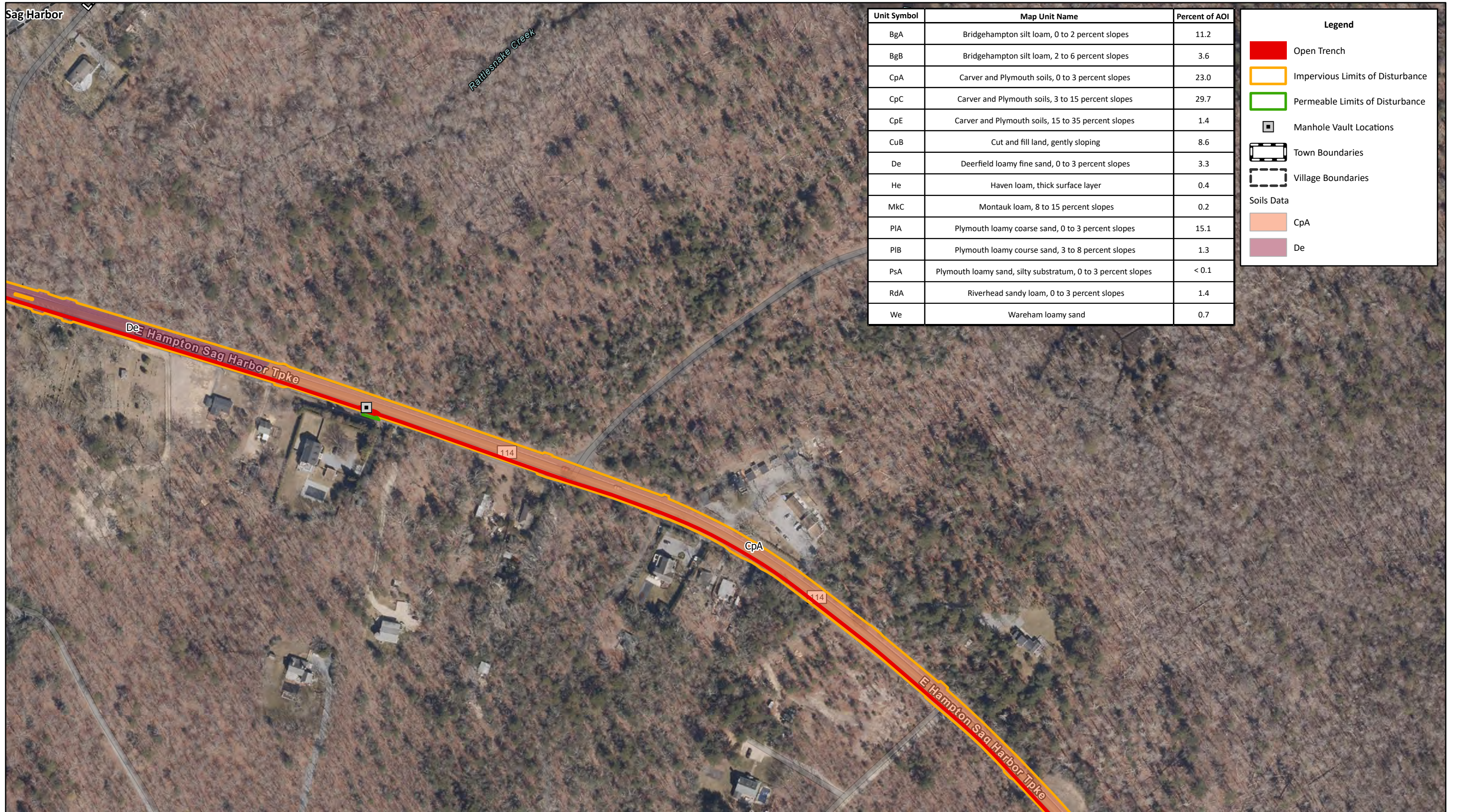
Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Wooded Areas
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- CpC
- De



Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
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CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
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PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- De

**FIGURE 3-8
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov

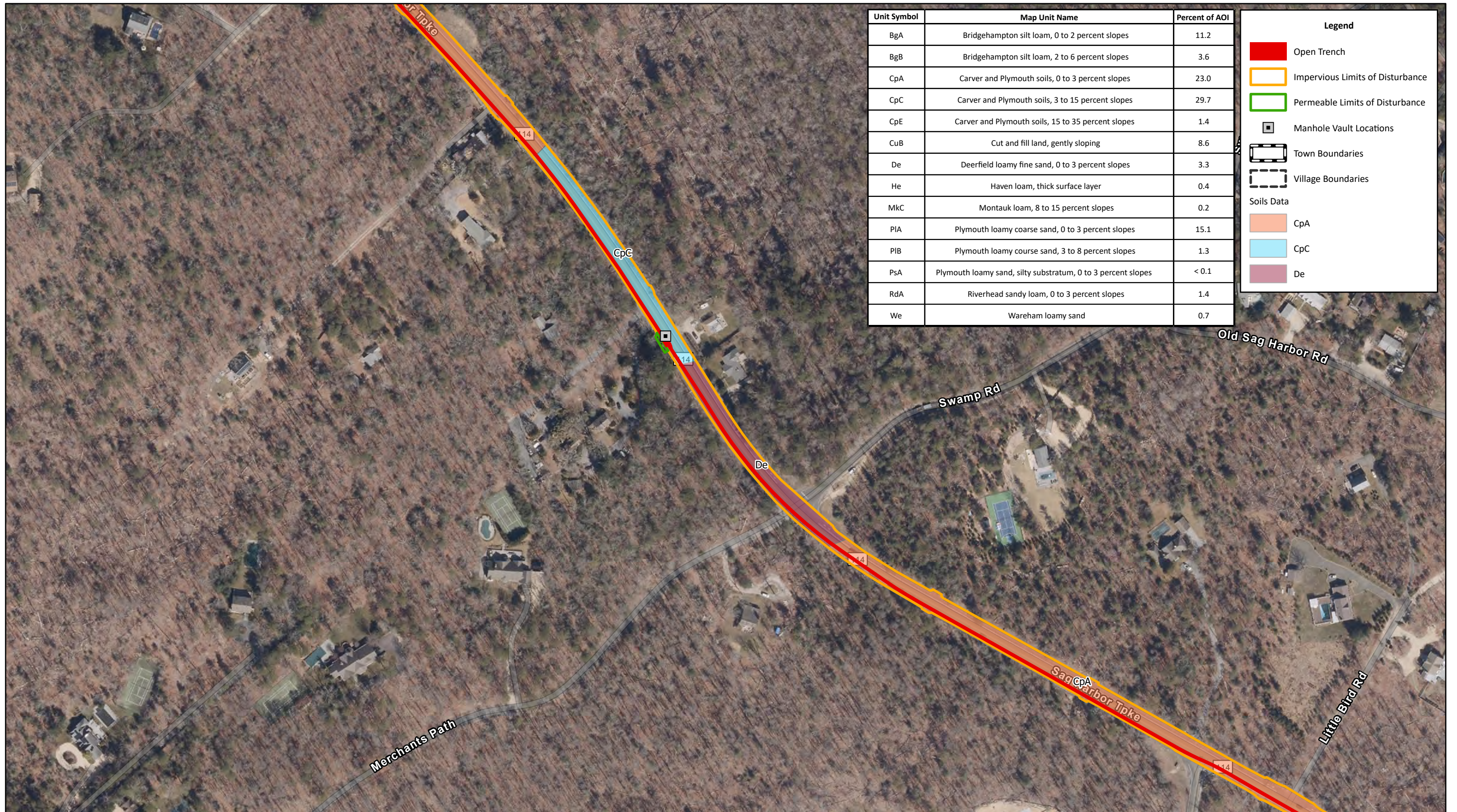


FIGURE 3-9
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov

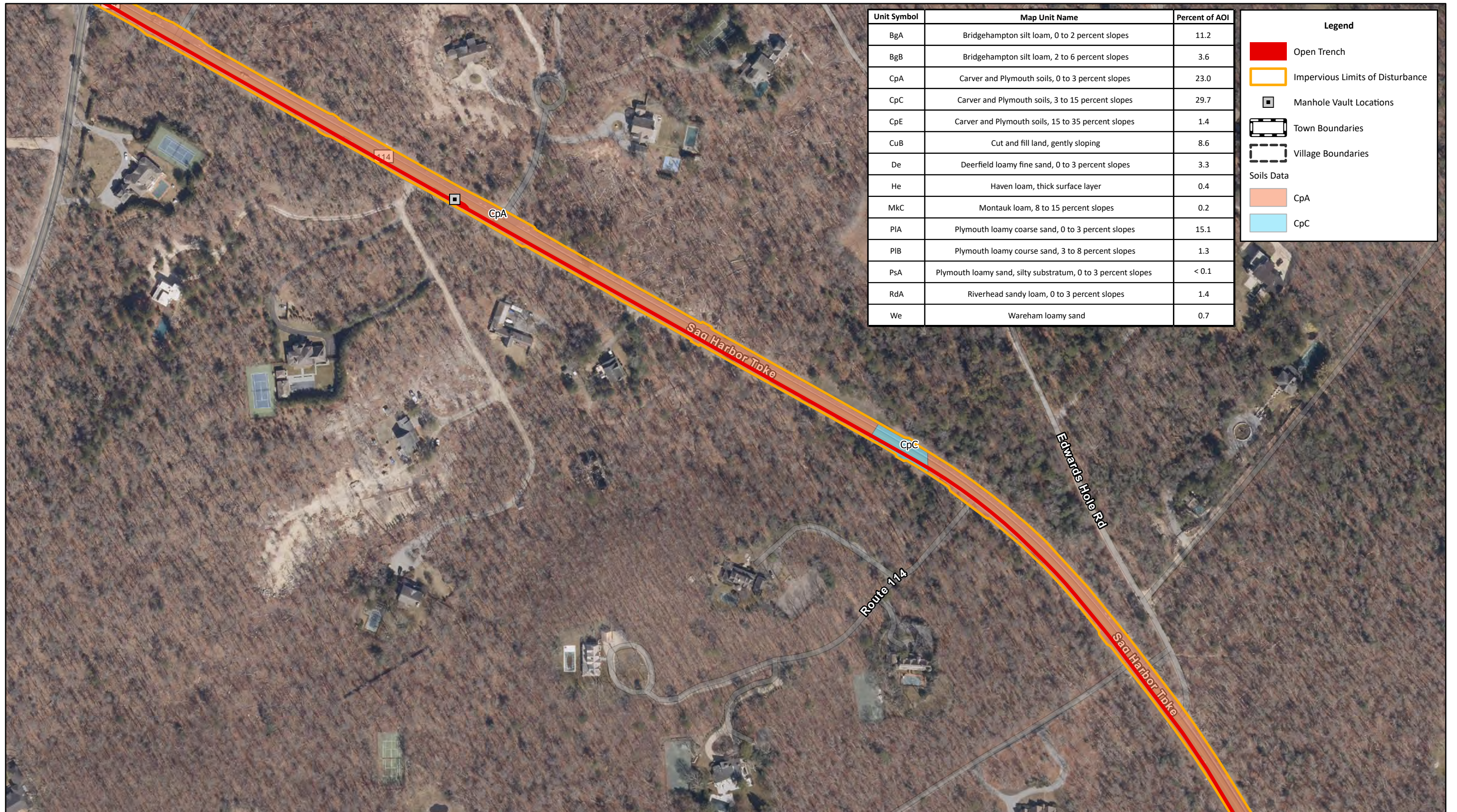


FIGURE 3-10
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov

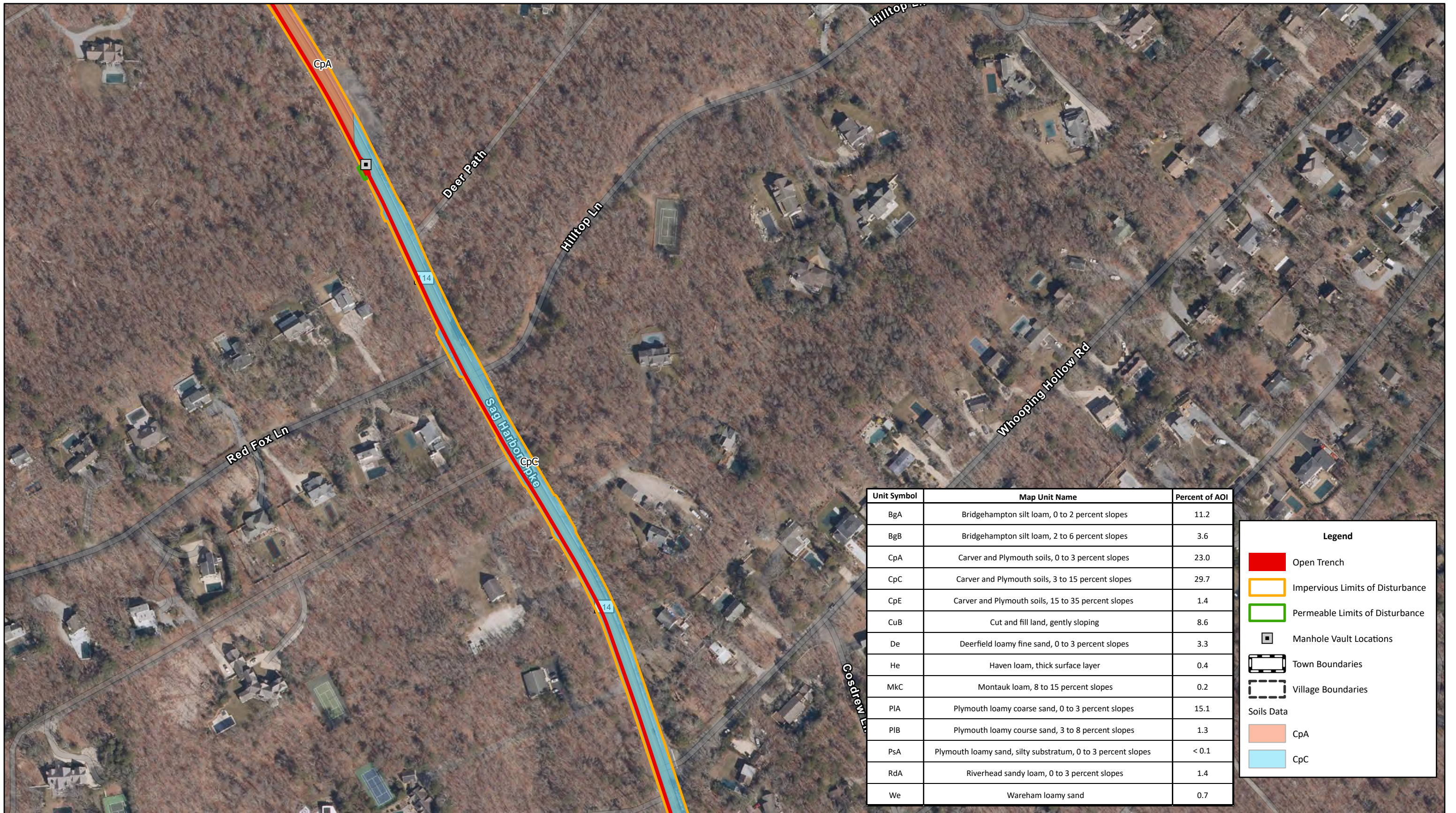
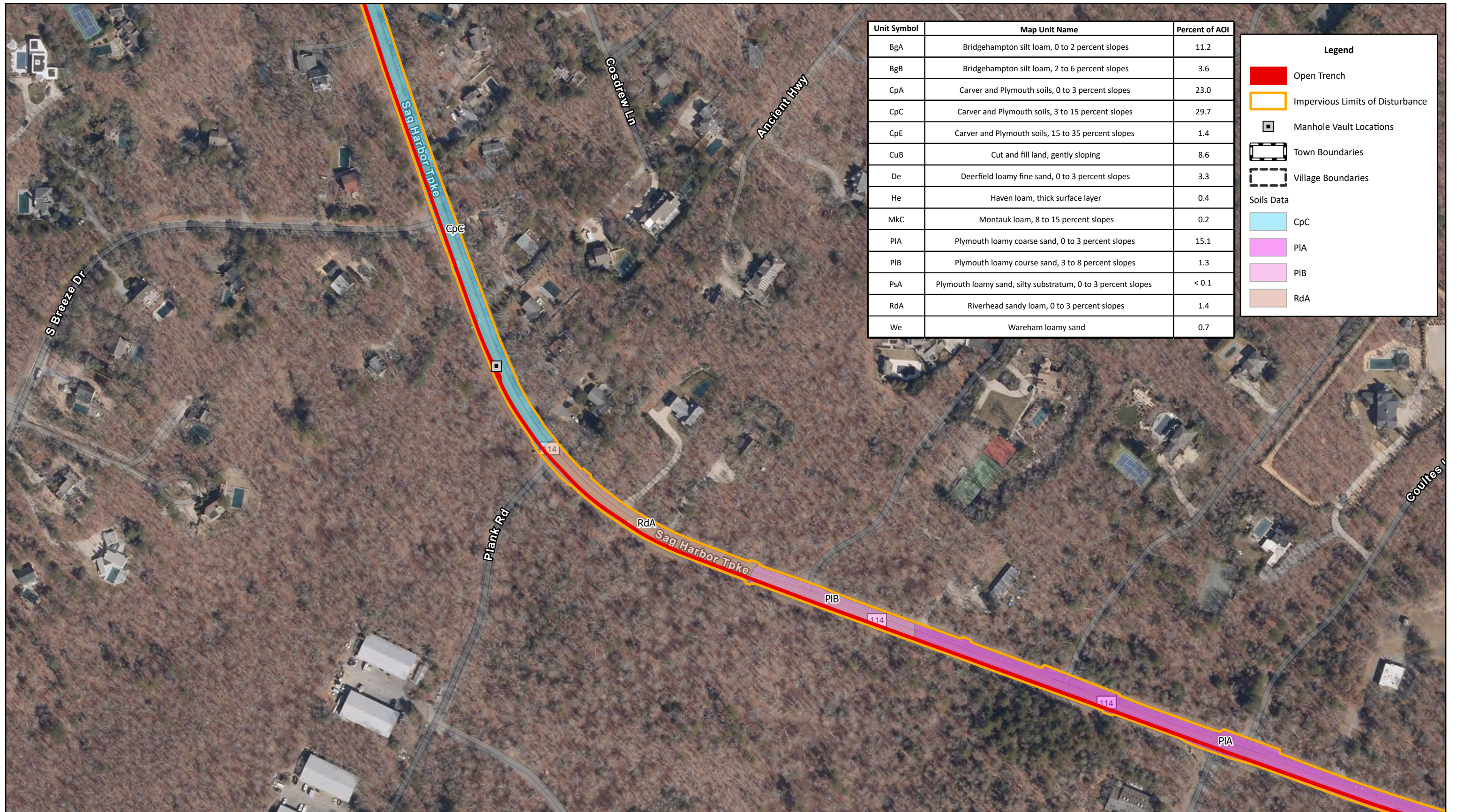


FIGURE 3-11
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov



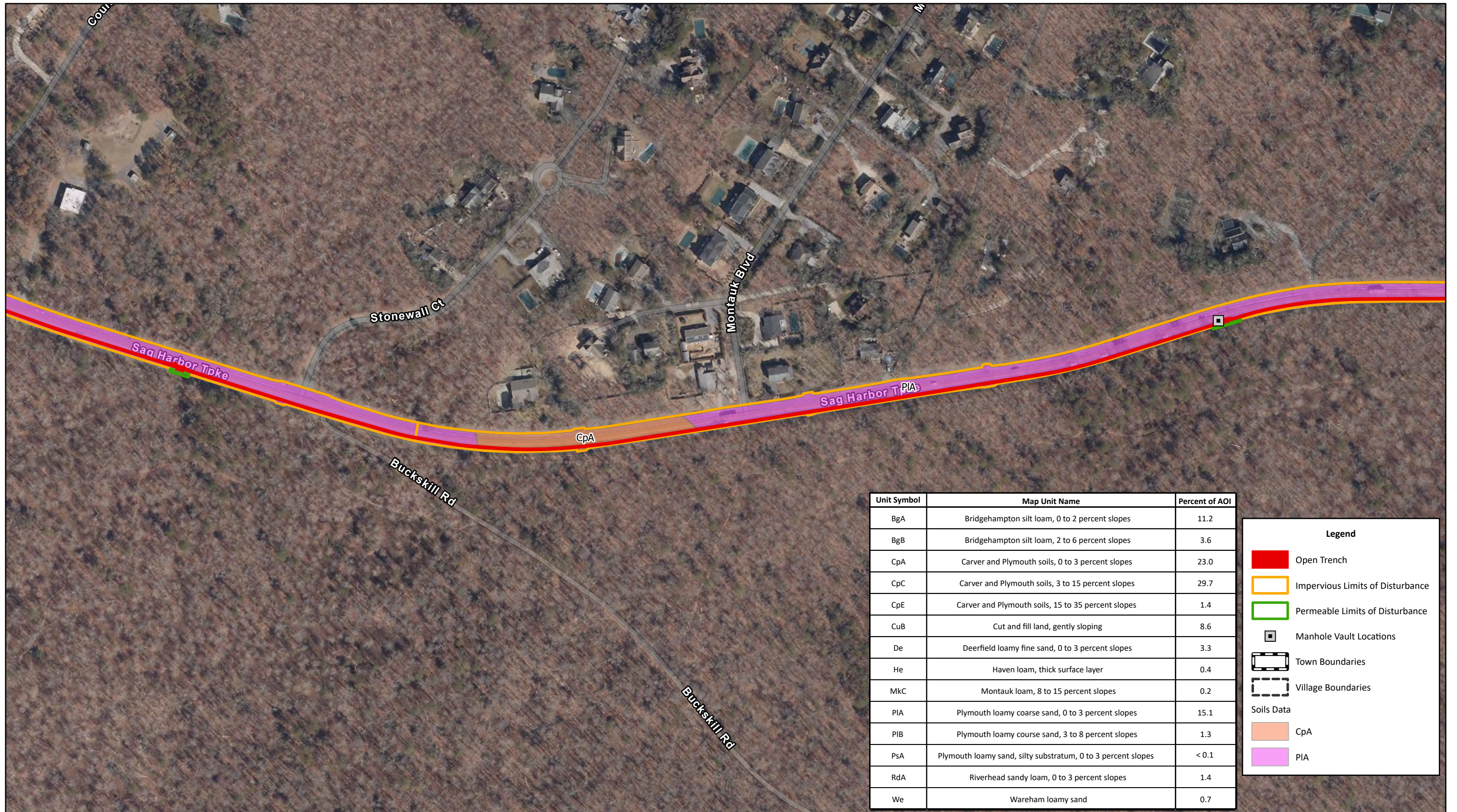
Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpC
- PIA
- PIB
- RdA



Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
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PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- CpA
- PIA

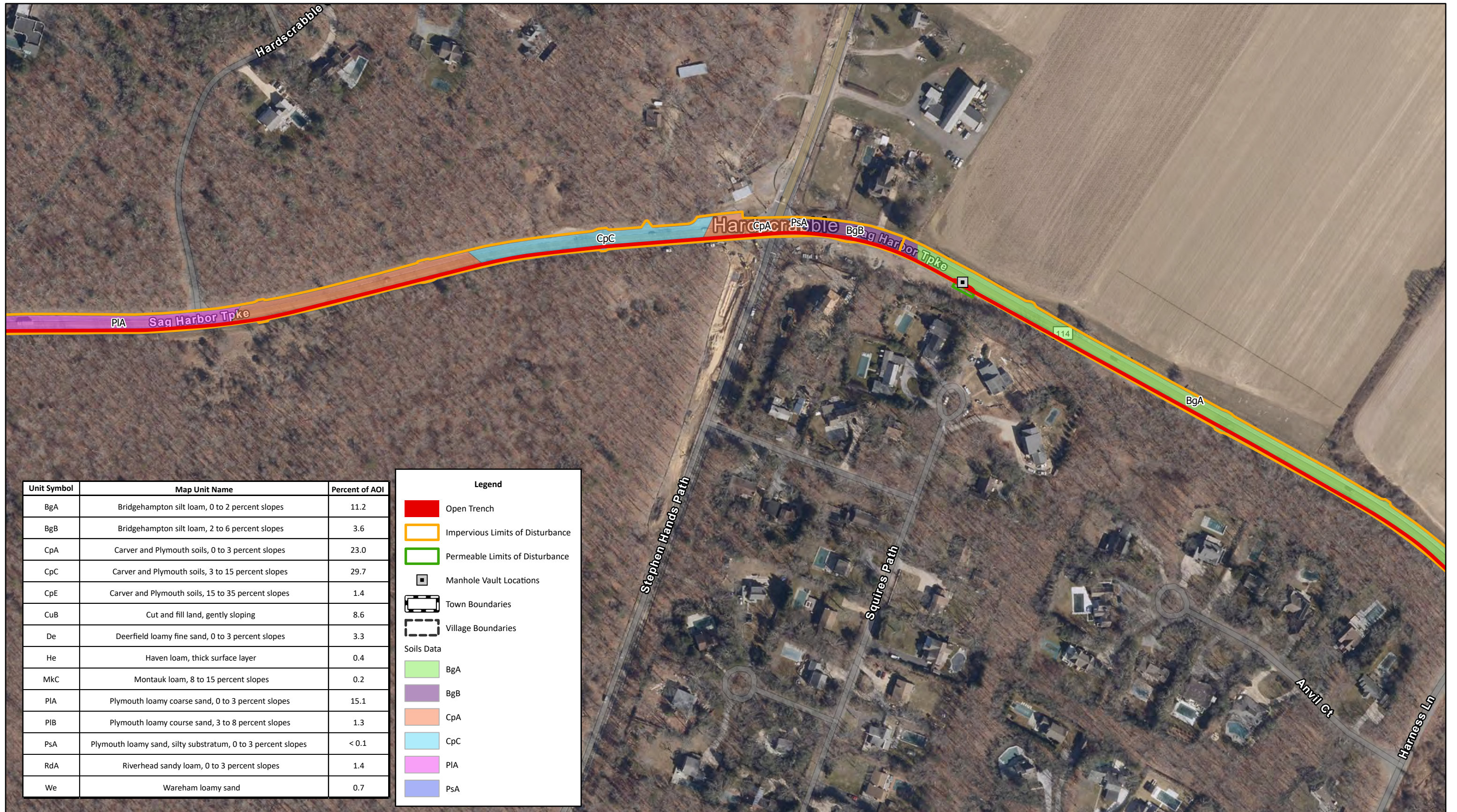
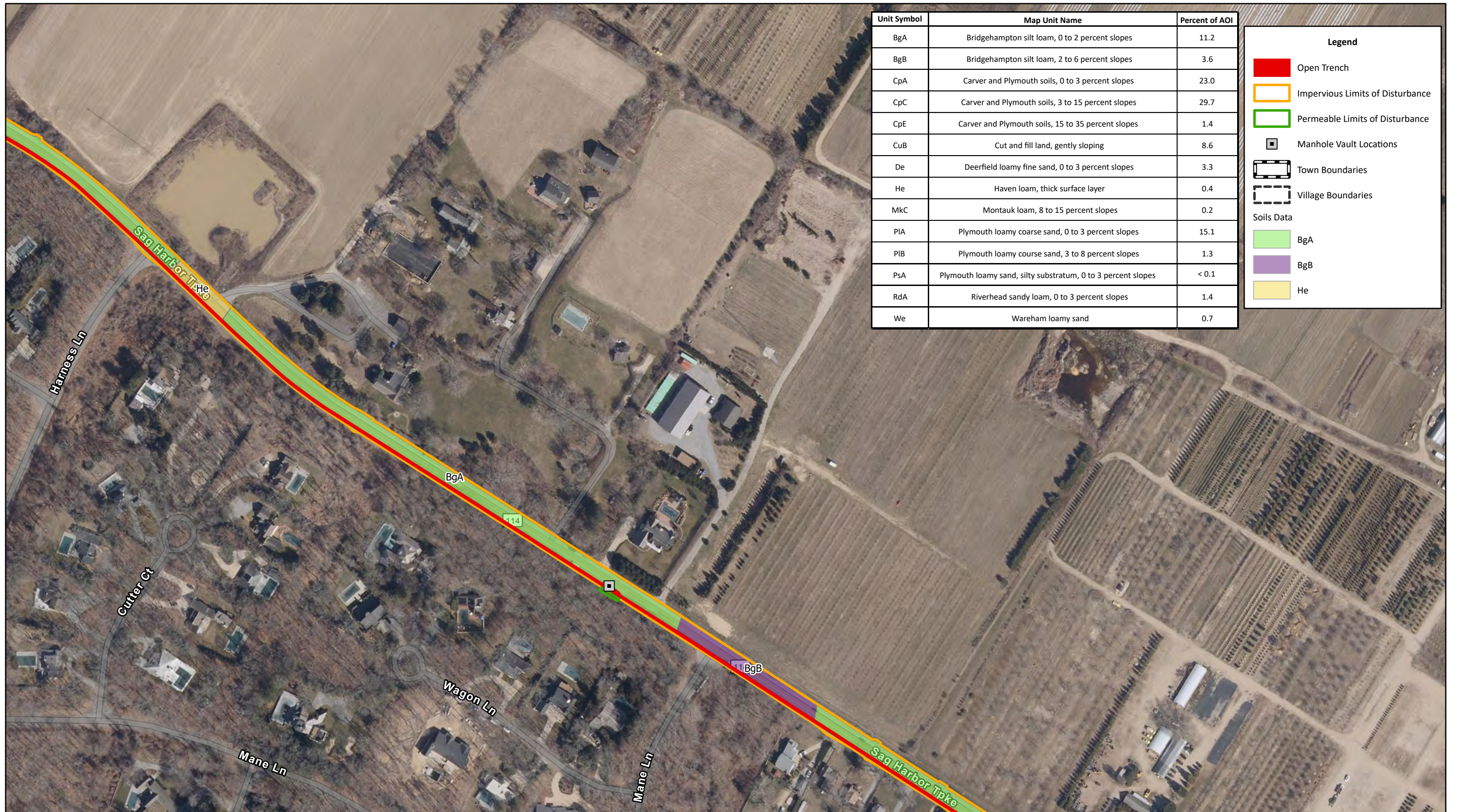


FIGURE 3-14
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov



Unit Symbol	Map Unit Name	Percent of AOI
BgA	Bridgehampton silt loam, 0 to 2 percent slopes	11.2
BgB	Bridgehampton silt loam, 2 to 6 percent slopes	3.6
CpA	Carver and Plymouth soils, 0 to 3 percent slopes	23.0
CpC	Carver and Plymouth soils, 3 to 15 percent slopes	29.7
CpE	Carver and Plymouth soils, 15 to 35 percent slopes	1.4
CuB	Cut and fill land, gently sloping	8.6
De	Deerfield loamy fine sand, 0 to 3 percent slopes	3.3
He	Haven loam, thick surface layer	0.4
MkC	Montauk loam, 8 to 15 percent slopes	0.2
PIA	Plymouth loamy coarse sand, 0 to 3 percent slopes	15.1
PIB	Plymouth loamy coarse sand, 3 to 8 percent slopes	1.3
PsA	Plymouth loamy sand, silty substratum, 0 to 3 percent slopes	< 0.1
RdA	Riverhead sandy loam, 0 to 3 percent slopes	1.4
We	Wareham loamy sand	0.7

Legend

- Open Trench
- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Manhole Vault Locations
- Town Boundaries
- Village Boundaries

Soils Data

- BgA
- BgB
- He

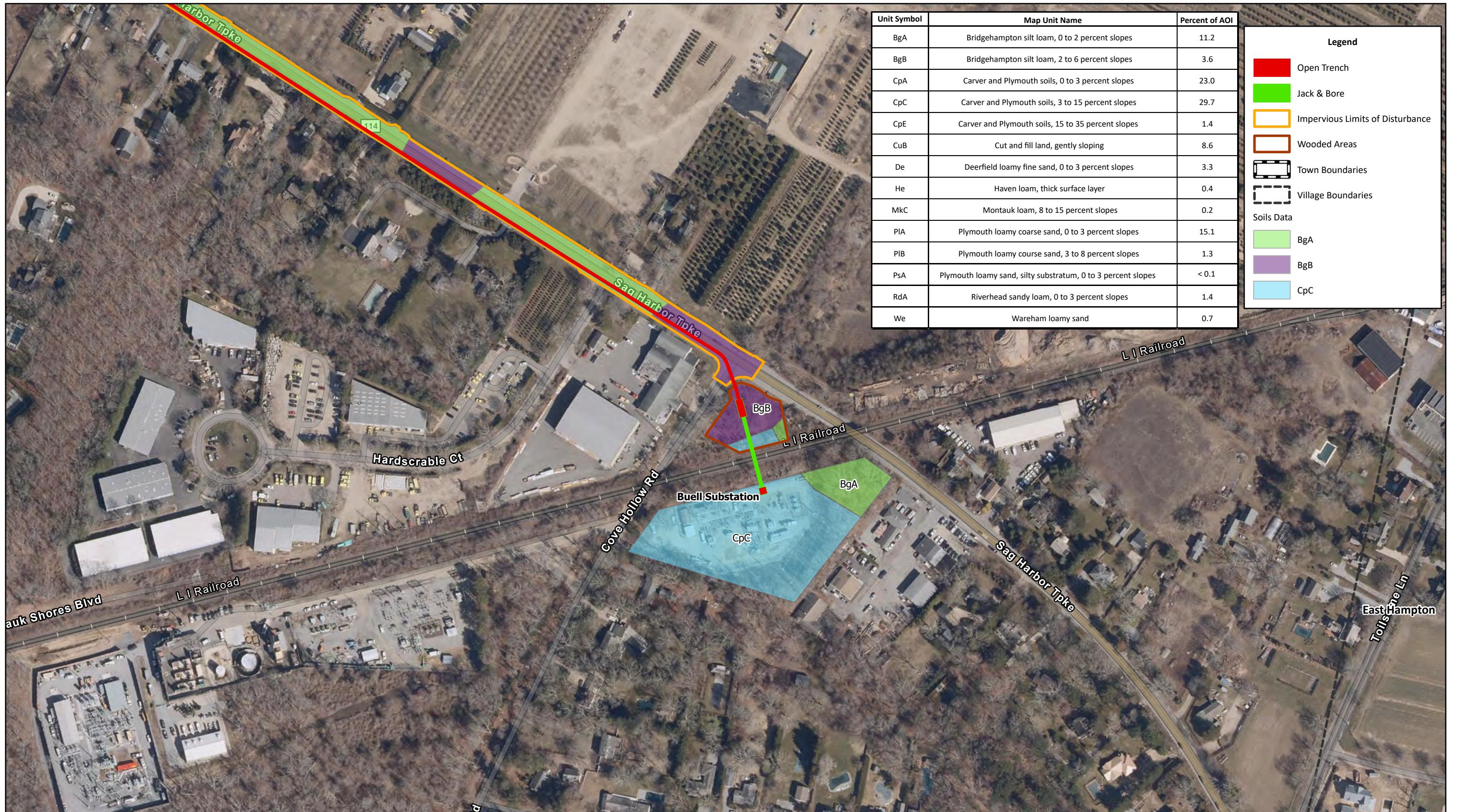


FIGURE 3-16
SOILS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS websoilsurvey.sc.egov



Legend









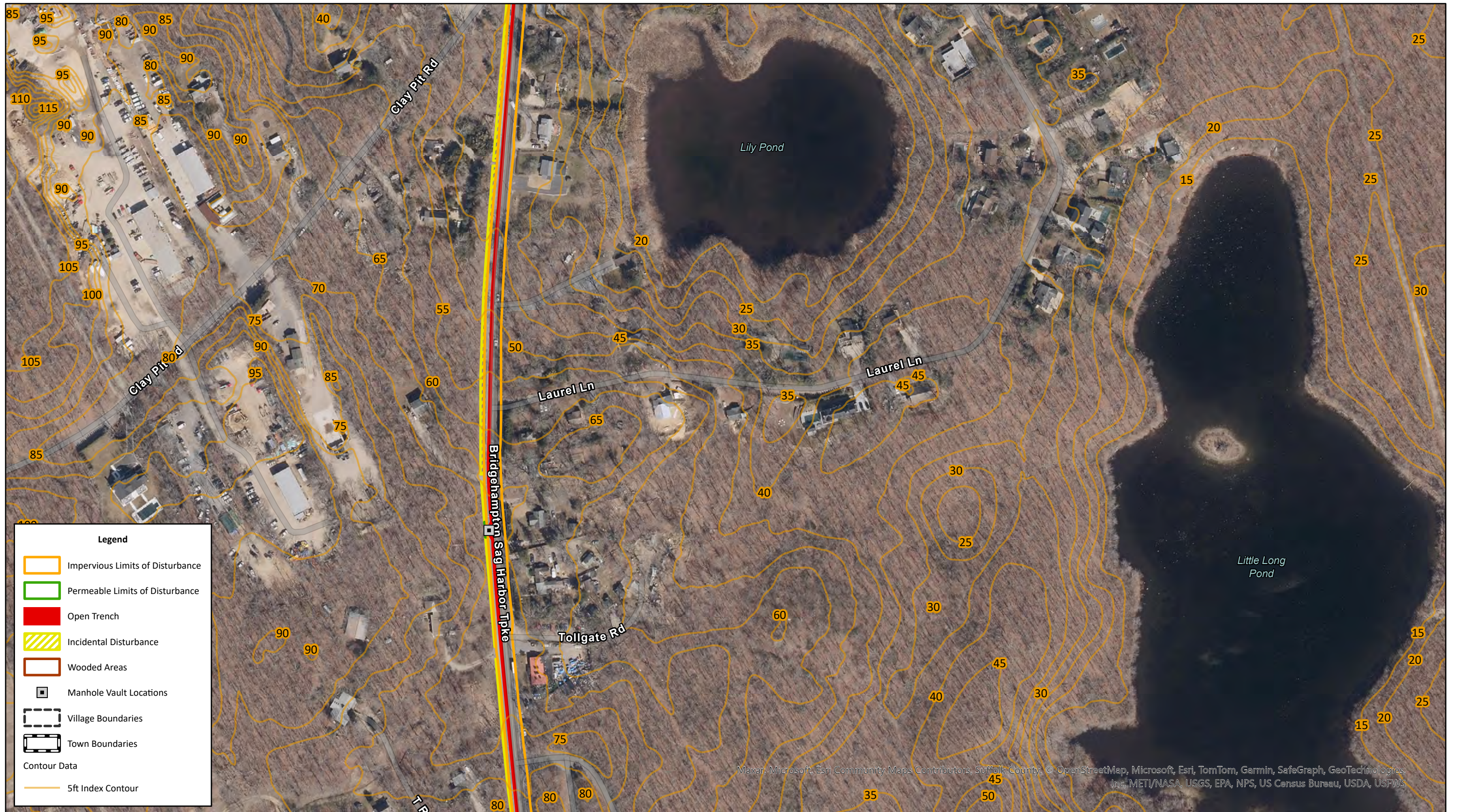
-  Impervious Limits of Disturbance
-  Open Trench
-  Incidental Disturbance
-  Wooded Areas
-  Manhole Vault Locations
-  Village Boundaries
-  Town Boundaries
- Contour Data
-  5ft Index Contour

FIGURE 4-1
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Incidental Disturbance
- Wooded Areas
- Manhole Vault Locations
- Village Boundaries
- Town Boundaries

Contour Data

- 5ft Index Contour

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FIGURE 4-2
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



FIGURE 4-3
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024

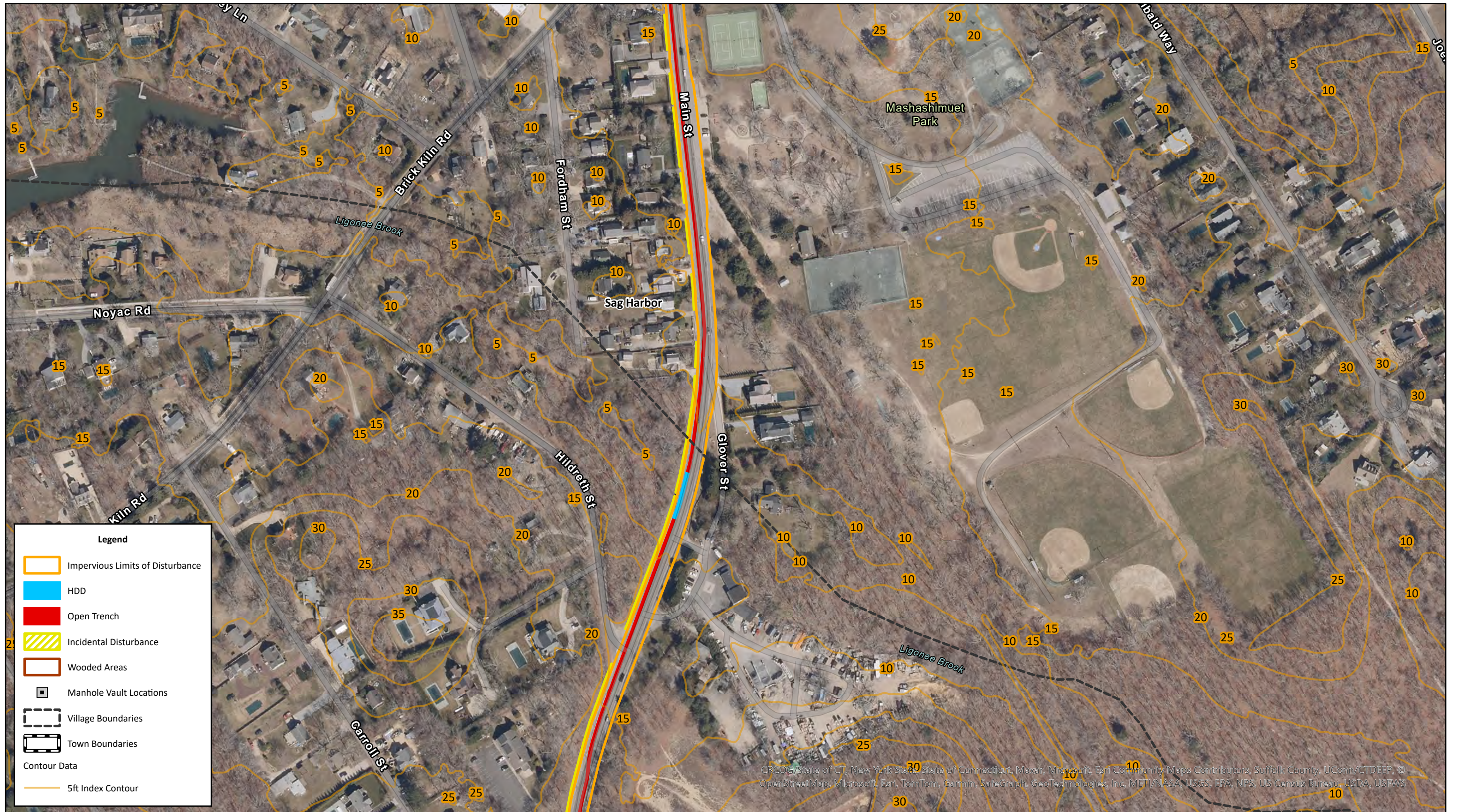




FIGURE 4-5
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Incidental Disturbance
- Wooded Areas
- Manhole Vault Locations
- Village Boundaries
- Town Boundaries
- Contour Data
- 5ft Index Contour

FIGURE 4-6
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



FIGURE 4-7
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024

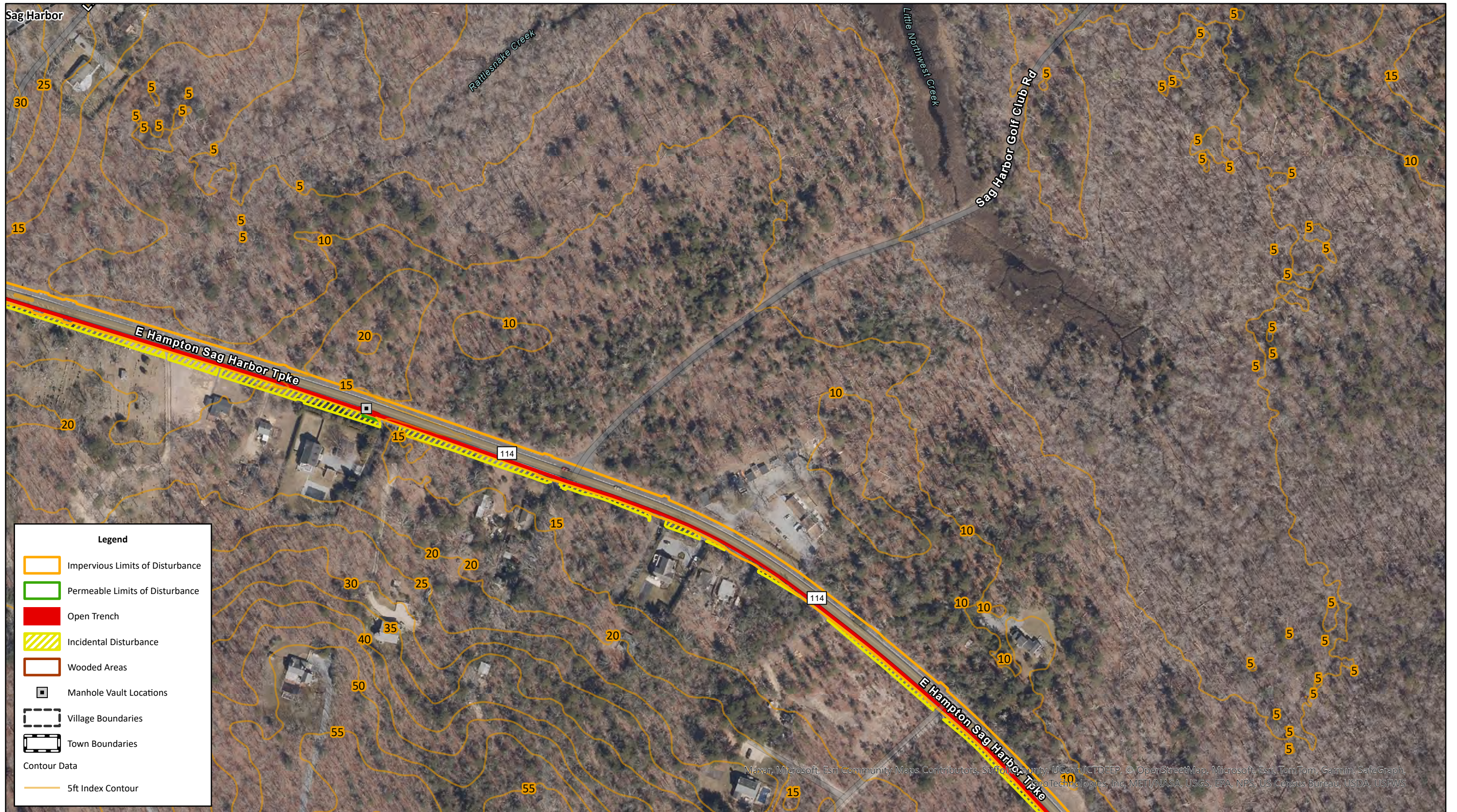


FIGURE 4-8
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



FIGURE 4-9
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024

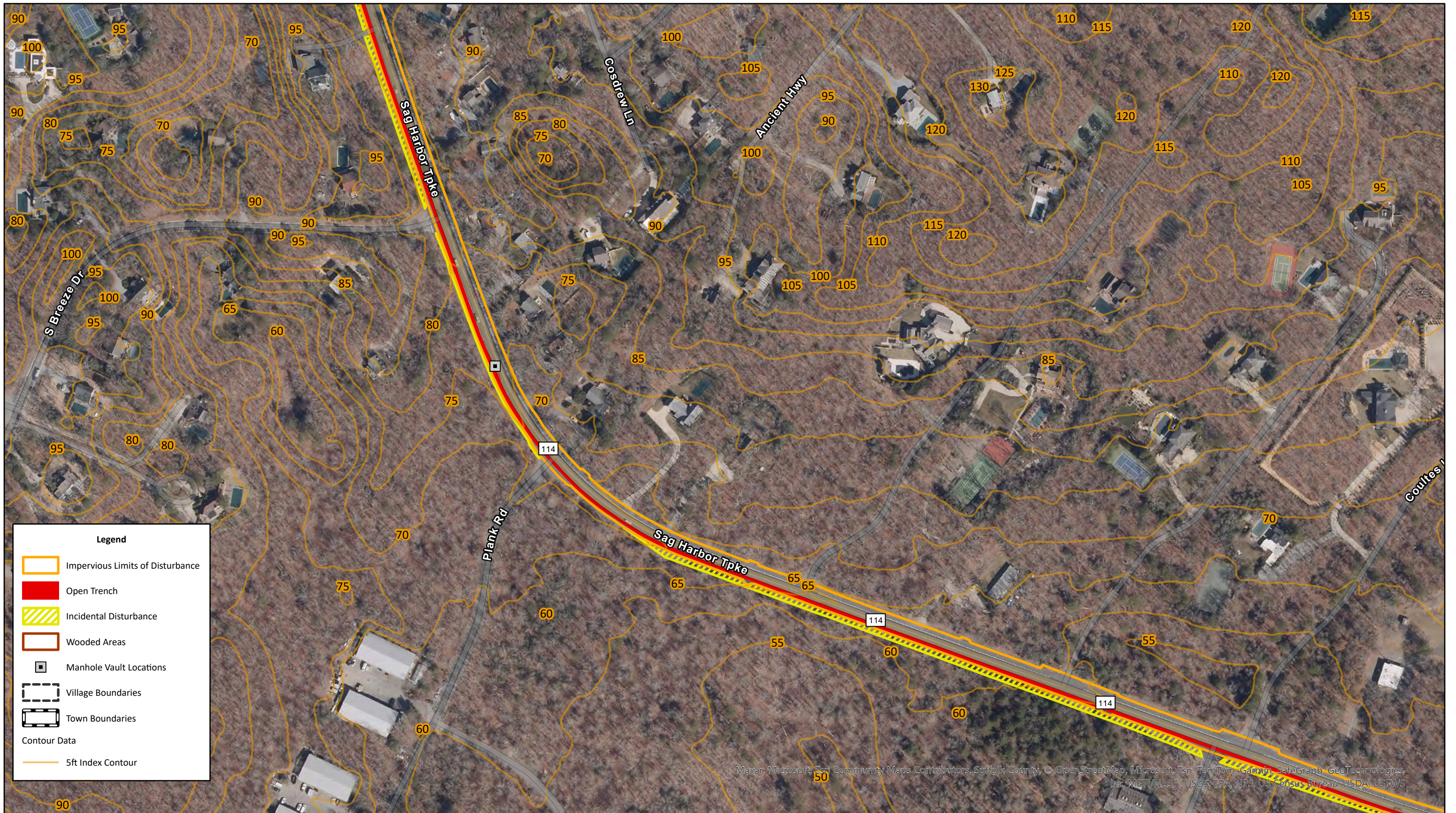


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FIGURE 4-11
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



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Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Incidental Disturbance
- Wooded Areas
- Manhole Vault Locations
- Village Boundaries
- Town Boundaries

Contour Data

- 5ft Index Contour

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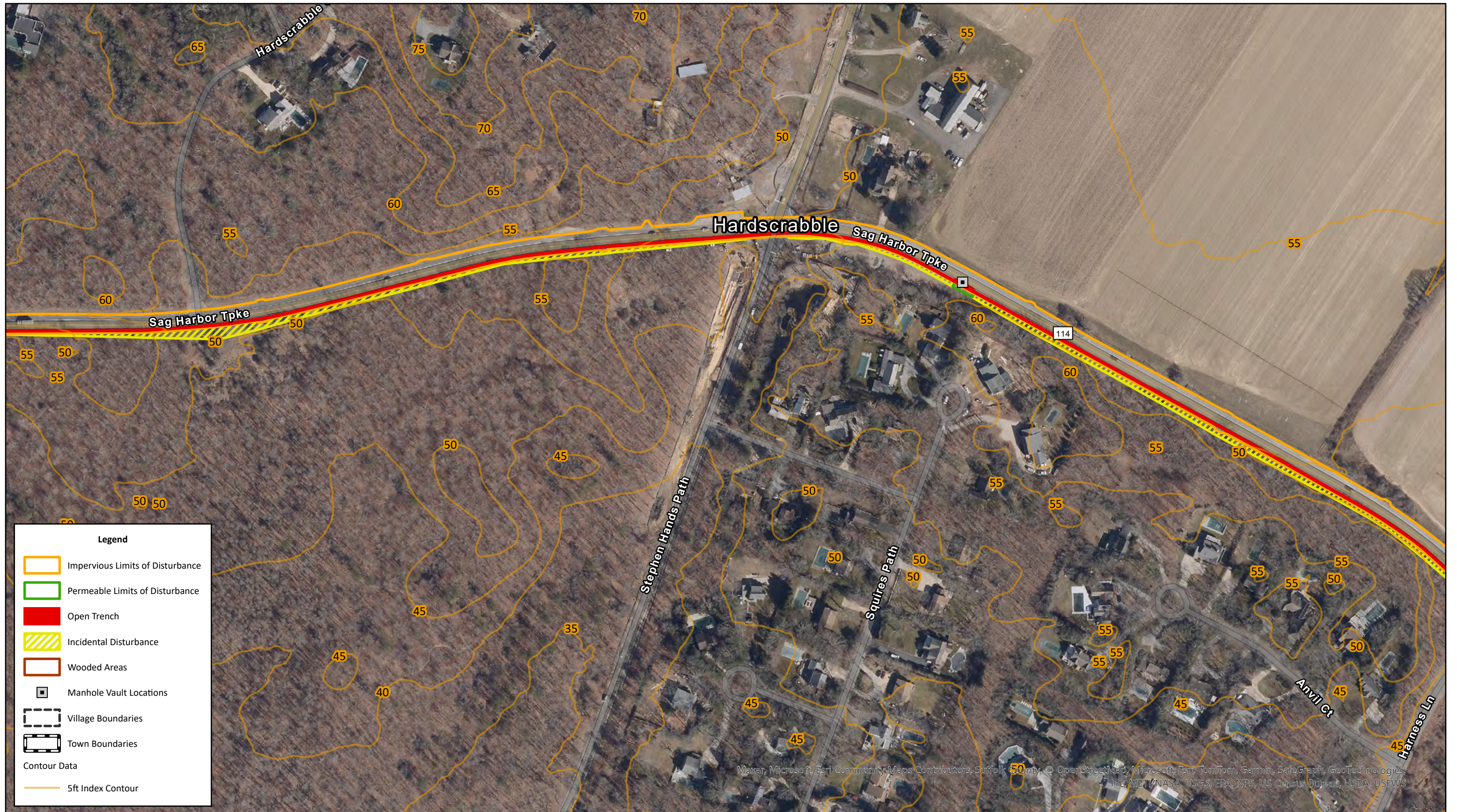


FIGURE 4-14
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



Legend

- Impervious Limits of Disturbance
- Permeable Limits of Disturbance
- Open Trench
- Incidental Disturbance
- Wooded Areas
- Manhole Vault Locations
- Village Boundaries
- Town Boundaries
- Contour Data
- 5ft Index Contour

FIGURE 4-15
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



FIGURE 4-16
TOPOGRAPHY MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024

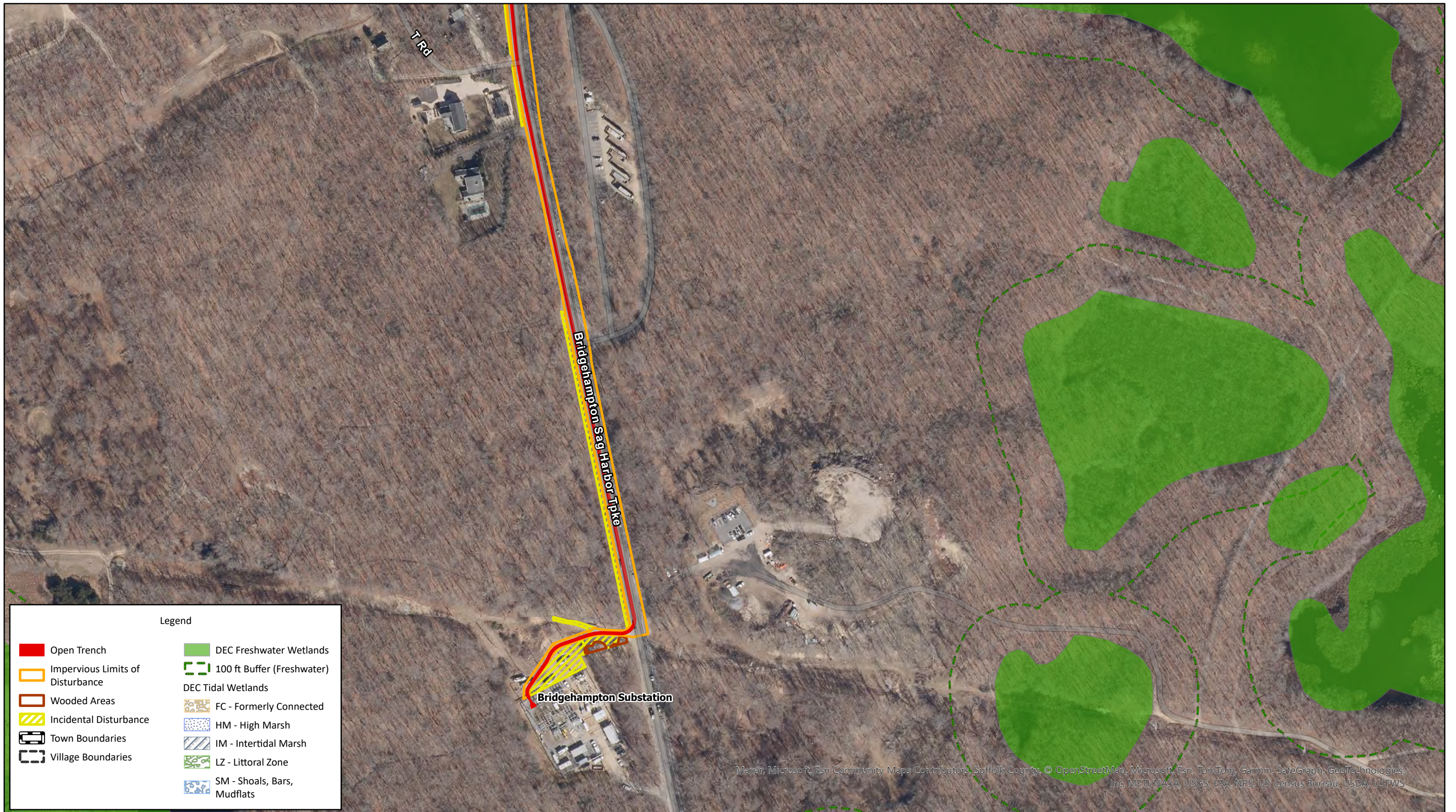
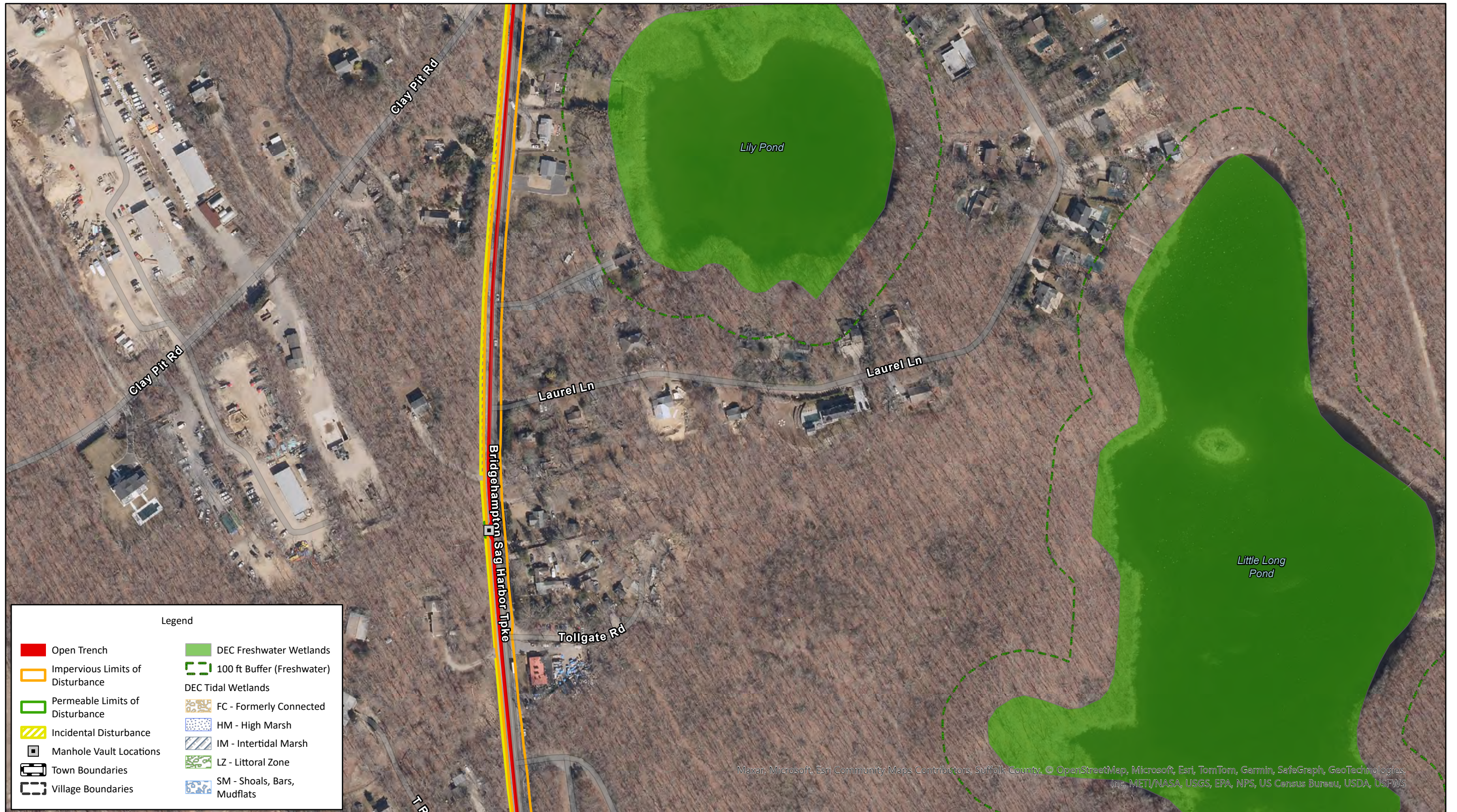


FIGURE 5-1
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016

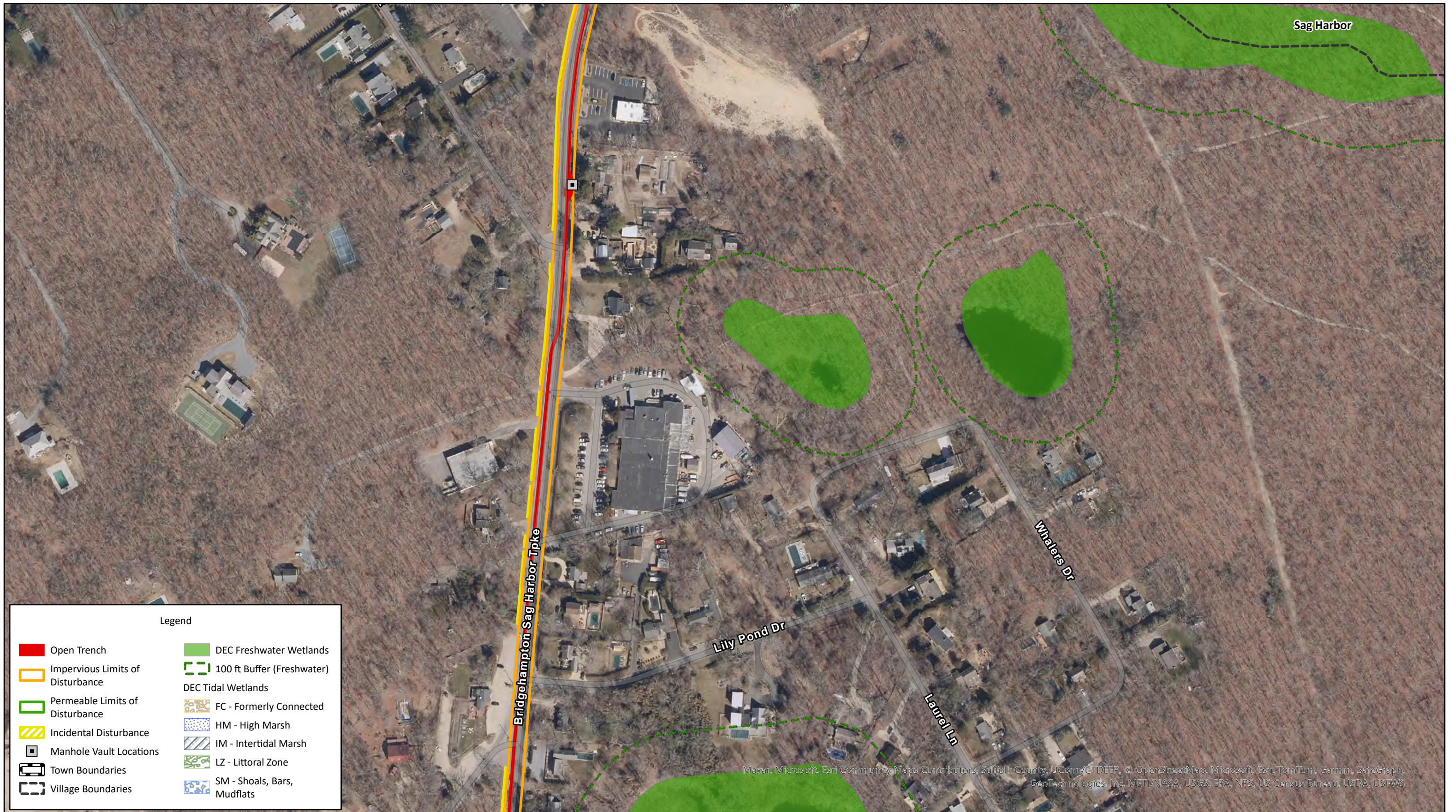


Legend

Open Trench	DEC Freshwater Wetlands	
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)	
Permeable Limits of Disturbance	DEC Tidal Wetlands	
Incidental Disturbance	FC - Formerly Connected	
Manhole Vault Locations	HM - High Marsh	
Town Boundaries	IM - Intertidal Marsh	
Village Boundaries	LZ - Littoral Zone	
	SM - Shoals, Bars, Mudflats	

FIGURE 5-2
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

Open Trench	DEC Freshwater Wetlands
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)
Permeable Limits of Disturbance	DEC Tidal Wetlands
Incidental Disturbance	FC - Formerly Connected
Manhole Vault Locations	HM - High Marsh
Town Boundaries	IM - Intertidal Marsh
Village Boundaries	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

FIGURE 5-3
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

Open Trench	DEC Freshwater Wetlands
HDD	100 ft Buffer (Freshwater)
Impervious Limits of Disturbance	DEC Tidal Wetlands
Incidental Disturbance	FC - Formerly Connected
Town Boundaries	HM - High Marsh
Village Boundaries	IM - Intertidal Marsh
Culvert Location	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

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FIGURE 5-4
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

	Open Trench		DEC Freshwater Wetlands
	Impervious Limits of Disturbance		100 ft Buffer (Freshwater)
	Permeable Limits of Disturbance	DEC Tidal Wetlands	
	Incidental Disturbance		FC - Formerly Connected
	Manhole Vault Locations		HM - High Marsh
	Town Boundaries		IM - Intertidal Marsh
	Village Boundaries		LZ - Littoral Zone
			SM - Shoals, Bars, Mudflats

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FIGURE 5-5
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016

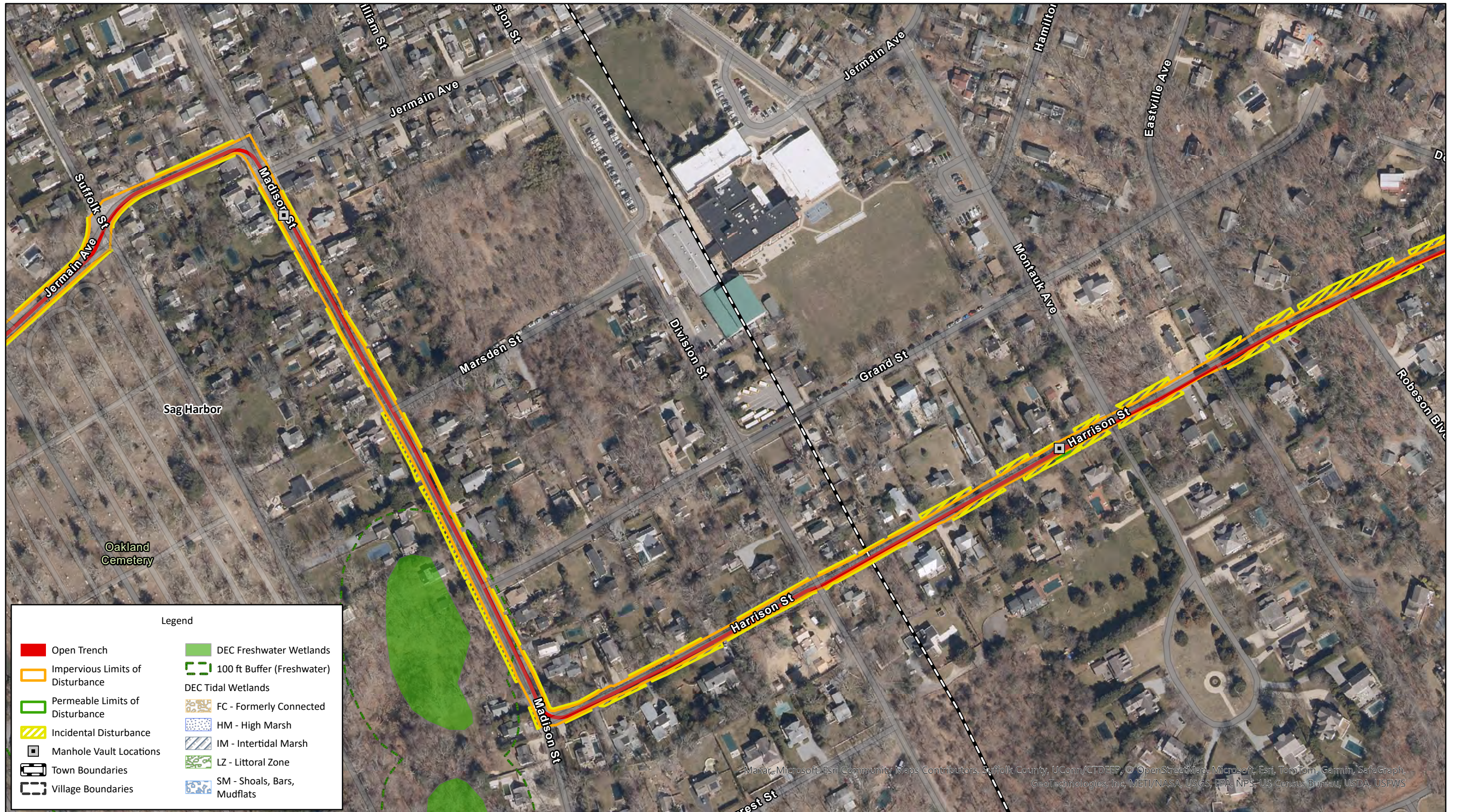


FIGURE 5-6
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016

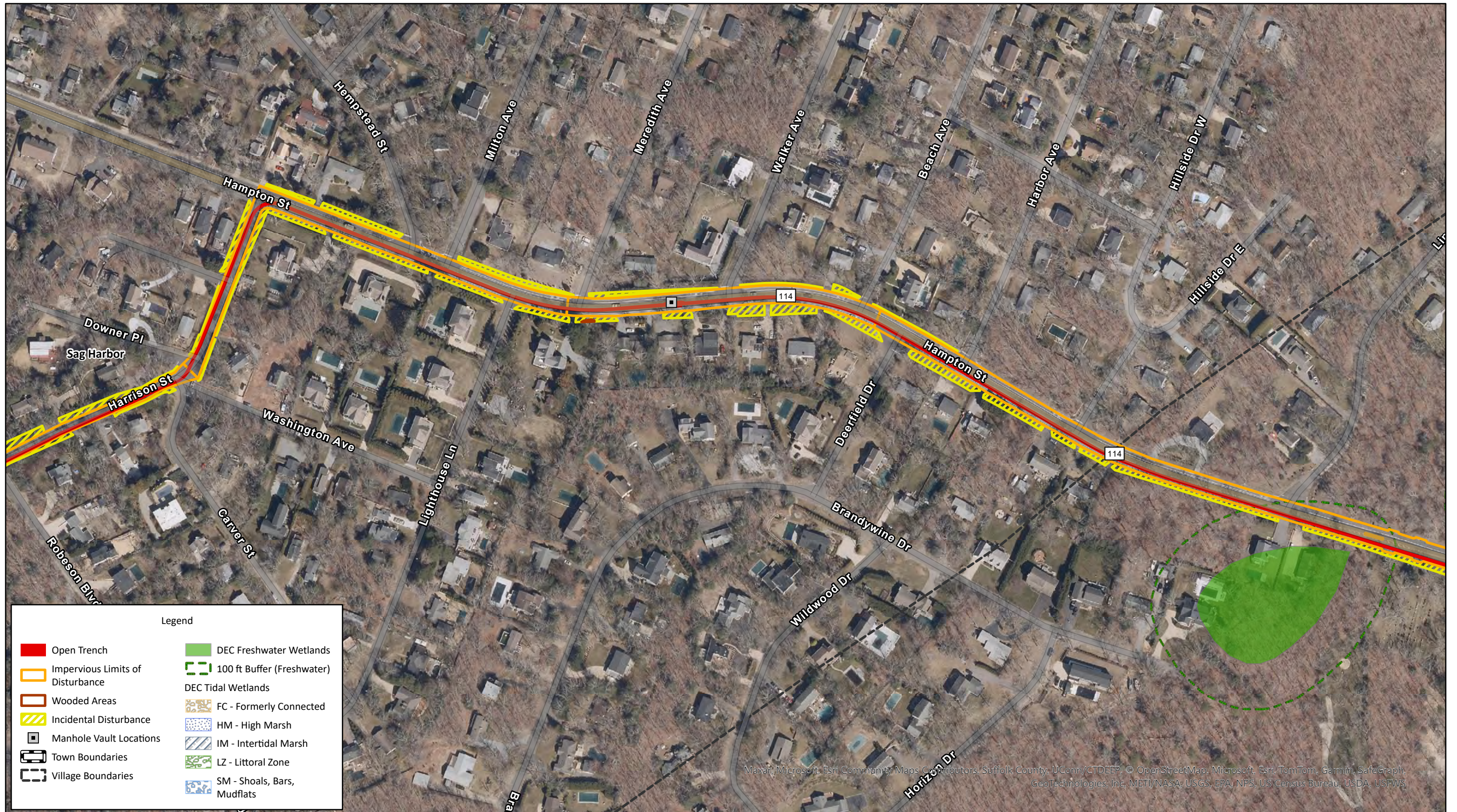


FIGURE 5-7
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



FIGURE 5-8
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

Open Trench	DEC Freshwater Wetlands
HDD	100 ft Buffer (Freshwater)
Impervious Limits of Disturbance	DEC Tidal Wetlands
Permeable Limits of Disturbance	FC - Formerly Connected
Incidental Disturbance	HM - High Marsh
Manhole Vault Locations	IM - Intertidal Marsh
Town Boundaries	LZ - Littoral Zone
Village Boundaries	SM - Shoals, Bars, Mudflats
Culvert Location	

NYS ITS Geospatial Services, Westchester County GIS, Esri Community Maps Contributors, Suffolk County, UConn CTDEEP, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, MET/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

FIGURE 5-9
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

Open Trench	DEC Freshwater Wetlands
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)
Incidental Disturbance	DEC Tidal Wetlands
Manhole Vault Locations	FC - Formerly Connected
Town Boundaries	HM - High Marsh
Village Boundaries	IM - Intertidal Marsh
	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

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FIGURE 5-10
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

Open Trench	DEC Freshwater Wetlands
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)
Permeable Limits of Disturbance	DEC Tidal Wetlands
Incidental Disturbance	FC - Formerly Connected
Manhole Vault Locations	HM - High Marsh
Town Boundaries	IM - Intertidal Marsh
Village Boundaries	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

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FIGURE 5-11
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



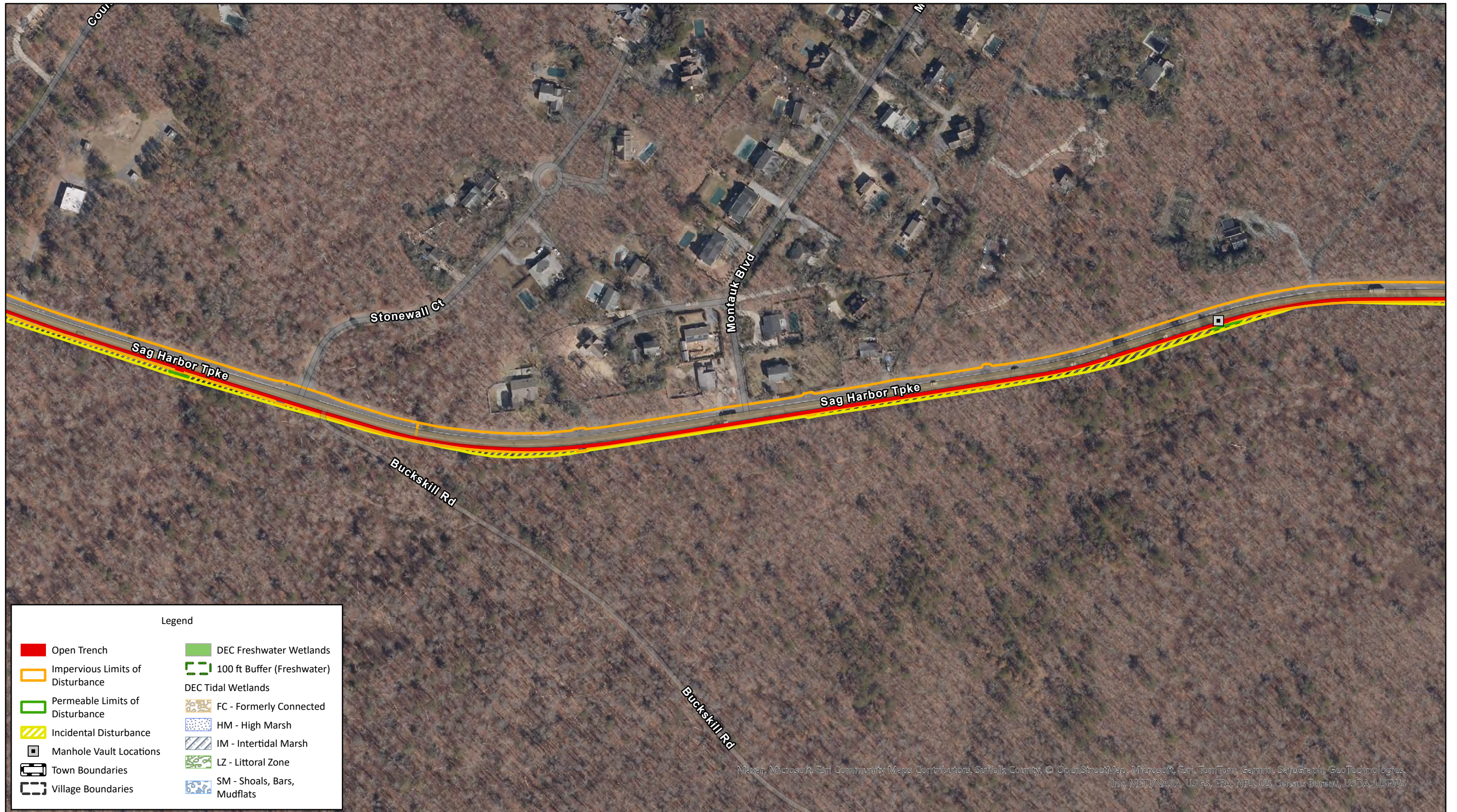
Legend

Open Trench	DEC Freshwater Wetlands
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)
Incidental Disturbance	DEC Tidal Wetlands
Manhole Vault Locations	FC - Formerly Connected
Town Boundaries	HM - High Marsh
Village Boundaries	IM - Intertidal Marsh
	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

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**FIGURE 5-12
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



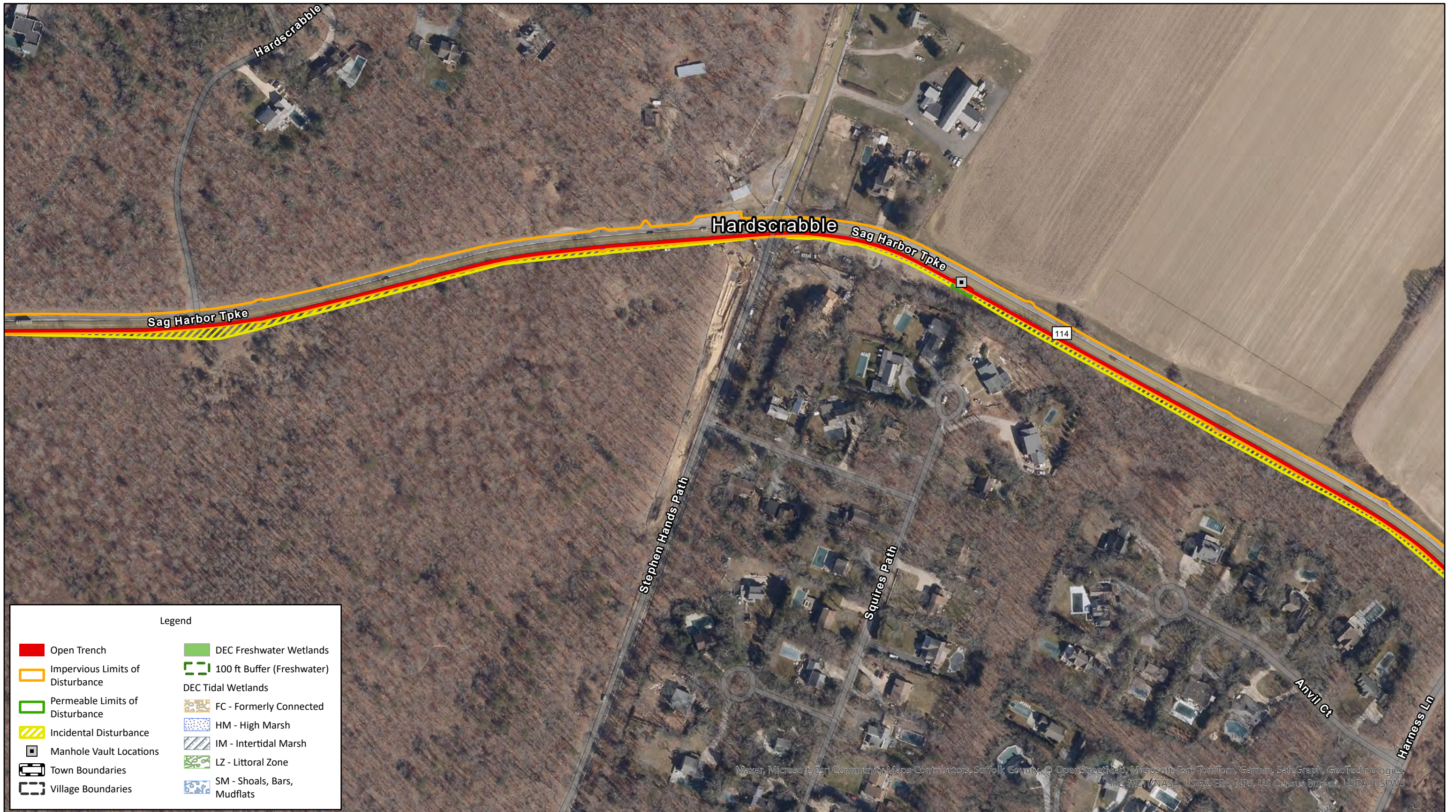
Legend

Open Trench	DEC Freshwater Wetlands
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)
Permeable Limits of Disturbance	DEC Tidal Wetlands
Incidental Disturbance	FC - Formerly Connected
Manhole Vault Locations	HM - High Marsh
Town Boundaries	IM - Intertidal Marsh
Village Boundaries	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

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FIGURE 5-13
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Legend

	Open Trench		DEC Freshwater Wetlands
	Impervious Limits of Disturbance		100 ft Buffer (Freshwater)
	Permeable Limits of Disturbance	DEC Tidal Wetlands	
	Incidental Disturbance		FC - Formerly Connected
	Manhole Vault Locations		HM - High Marsh
	Town Boundaries		IM - Intertidal Marsh
	Village Boundaries		LZ - Littoral Zone
			SM - Shoals, Bars, Mudflats

FIGURE 5-14
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



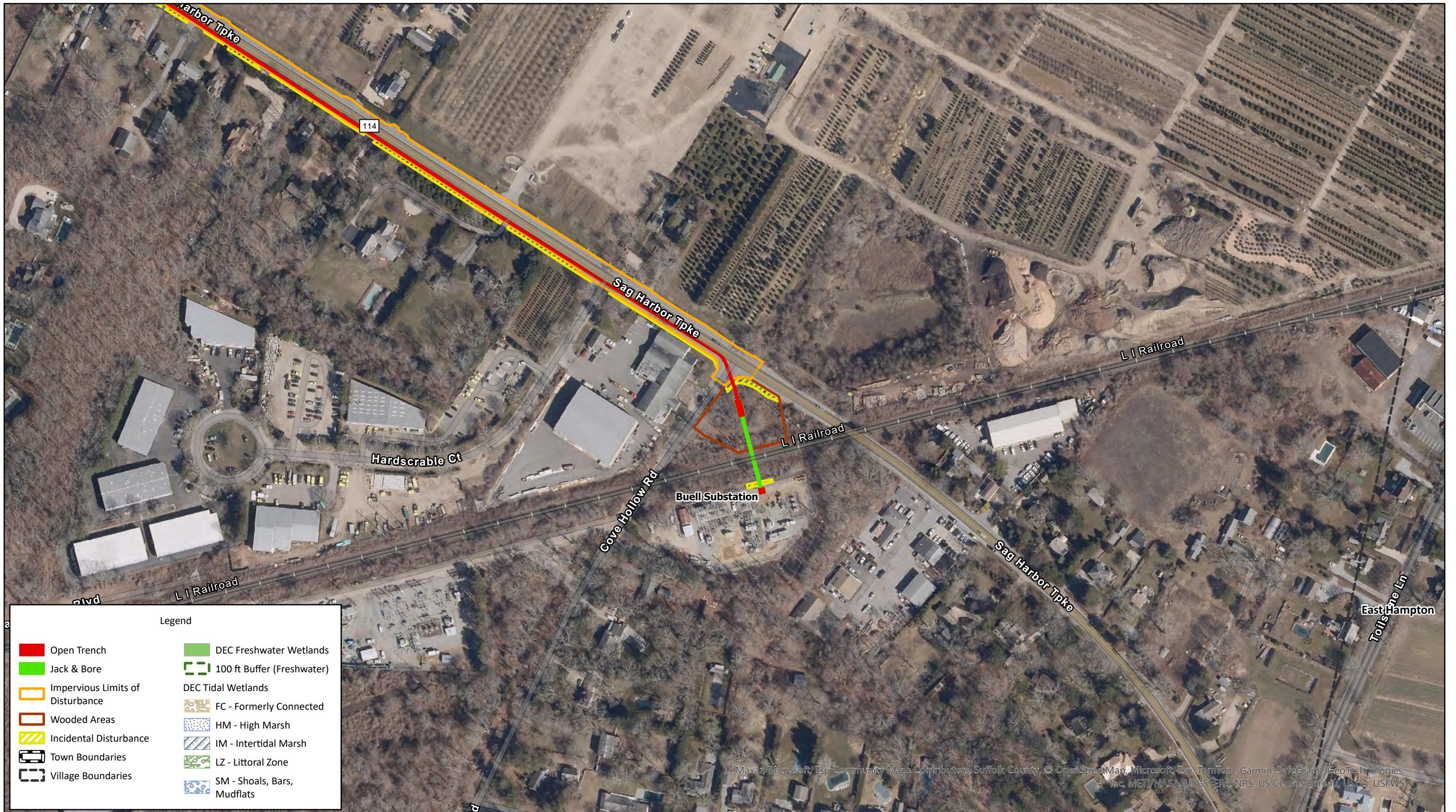
Legend

Open Trench	DEC Freshwater Wetlands
Impervious Limits of Disturbance	100 ft Buffer (Freshwater)
Permeable Limits of Disturbance	DEC Tidal Wetlands
Incidental Disturbance	FC - Formerly Connected
Manhole Vault Locations	HM - High Marsh
Town Boundaries	IM - Intertidal Marsh
Village Boundaries	LZ - Littoral Zone
	SM - Shoals, Bars, Mudflats

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FIGURE 5-15
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



Maxar, Microsoft, Esri Community Maps Contributors, Suffolk County, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

FIGURE 5-16
NYSDEC TIDAL AND FRESHWATER WETLANDS MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; NYSDEC, 2016



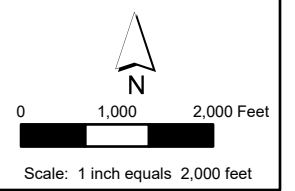
FIGURE 6
FEDERAL EMERGENCY MANAGEMENT AREA (FEMA) FLOOD ZONE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; Suffolk County GIS, 2016; FEMA, 2013



FIGURE 7
SPECIAL GROUNDWATER PROTECTION AREA MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024



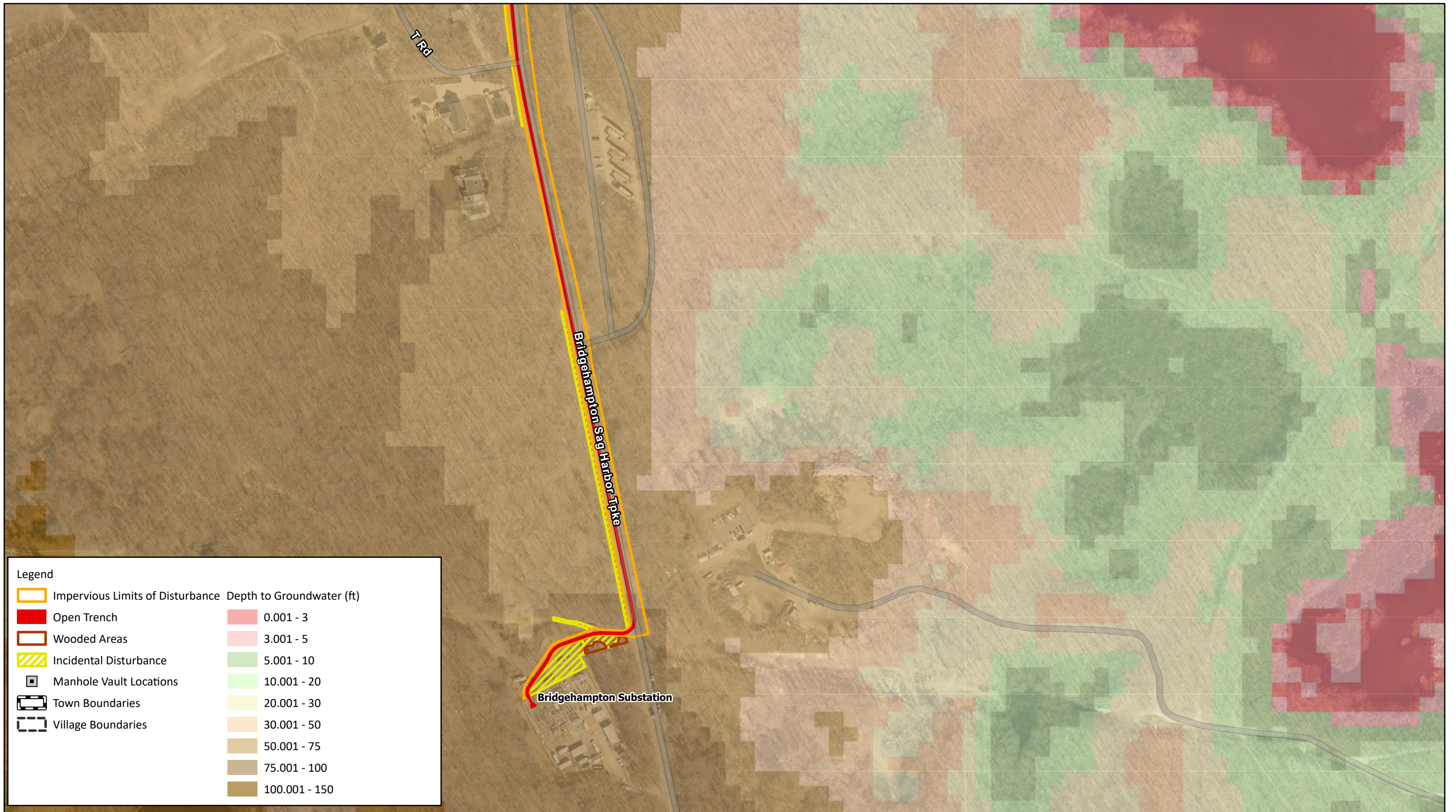


FIGURE 8-1
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024

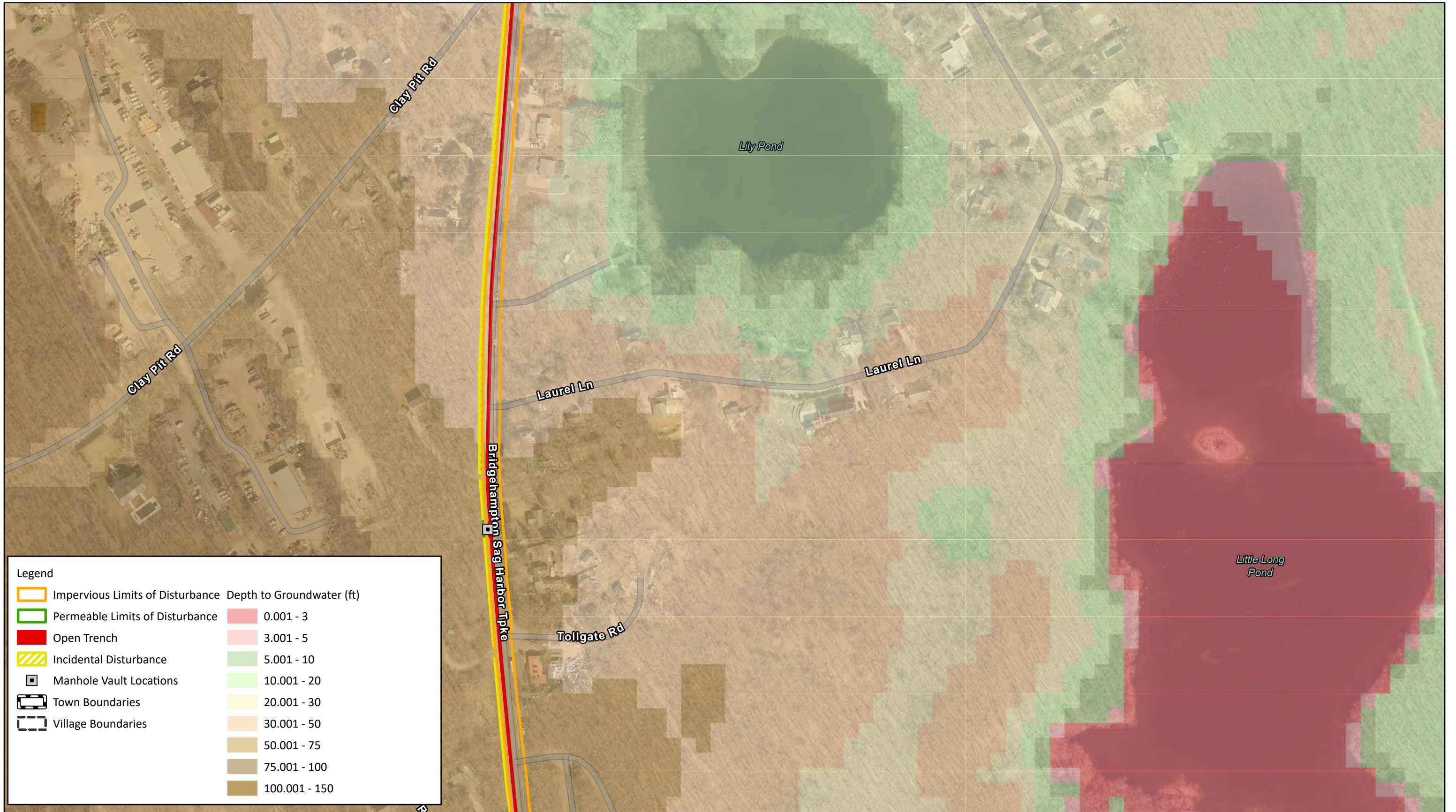


FIGURE 8-2
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024

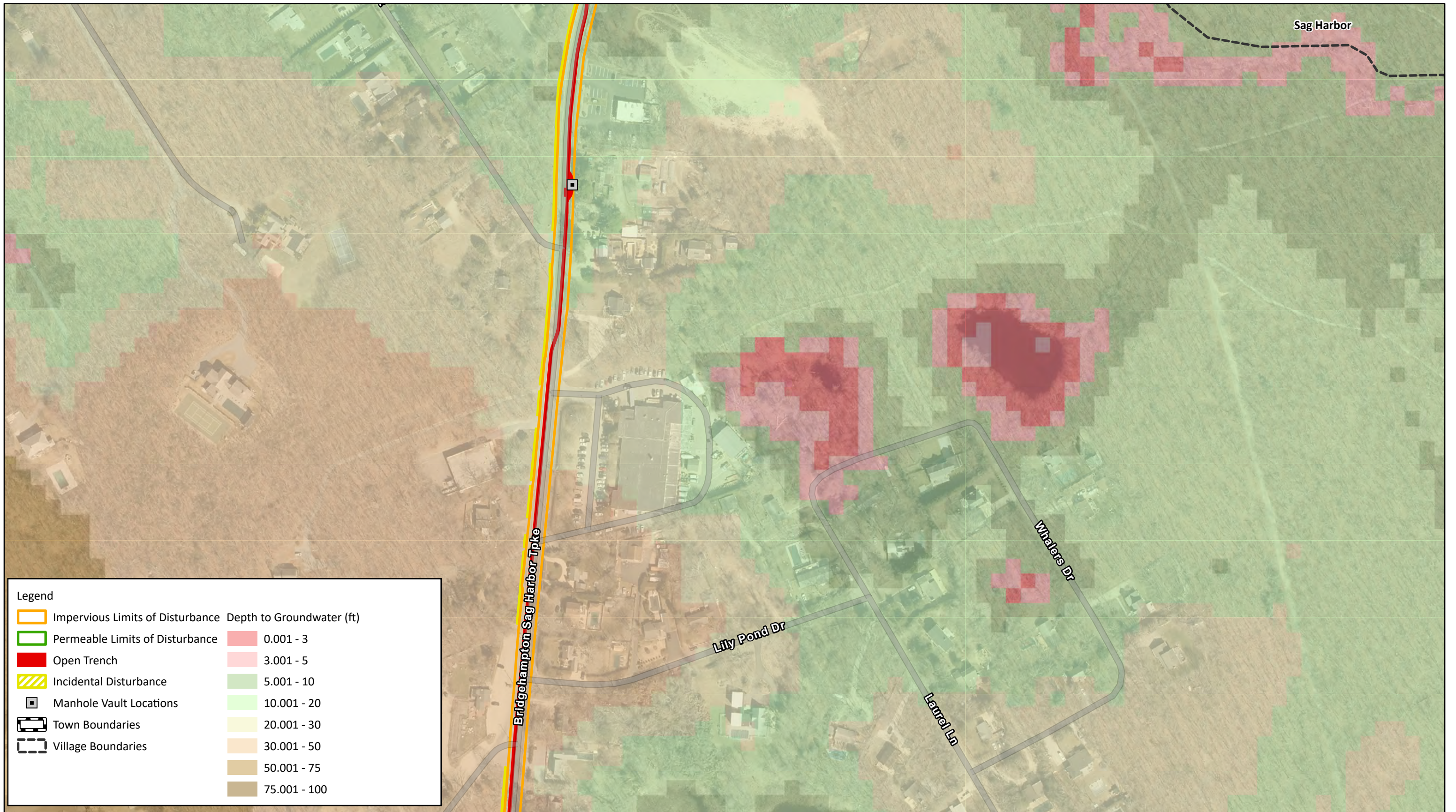
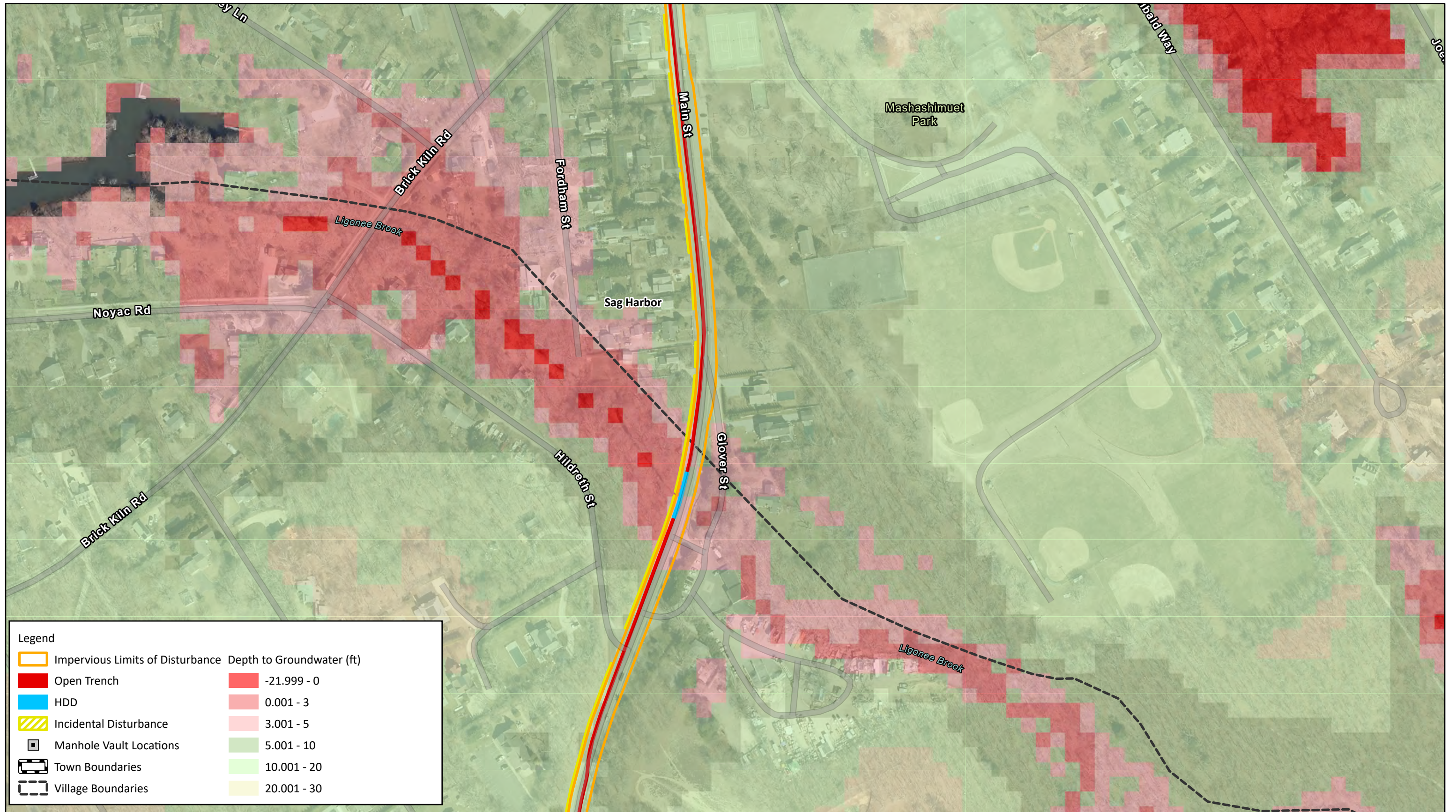


FIGURE 8-3
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend	
Impervious Limits of Disturbance	Depth to Groundwater (ft)
Open Trench	-21.999 - 0
HDD	0.001 - 3
Incidental Disturbance	3.001 - 5
Manhole Vault Locations	5.001 - 10
Town Boundaries	10.001 - 20
Village Boundaries	20.001 - 30

FIGURE 8-4
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024

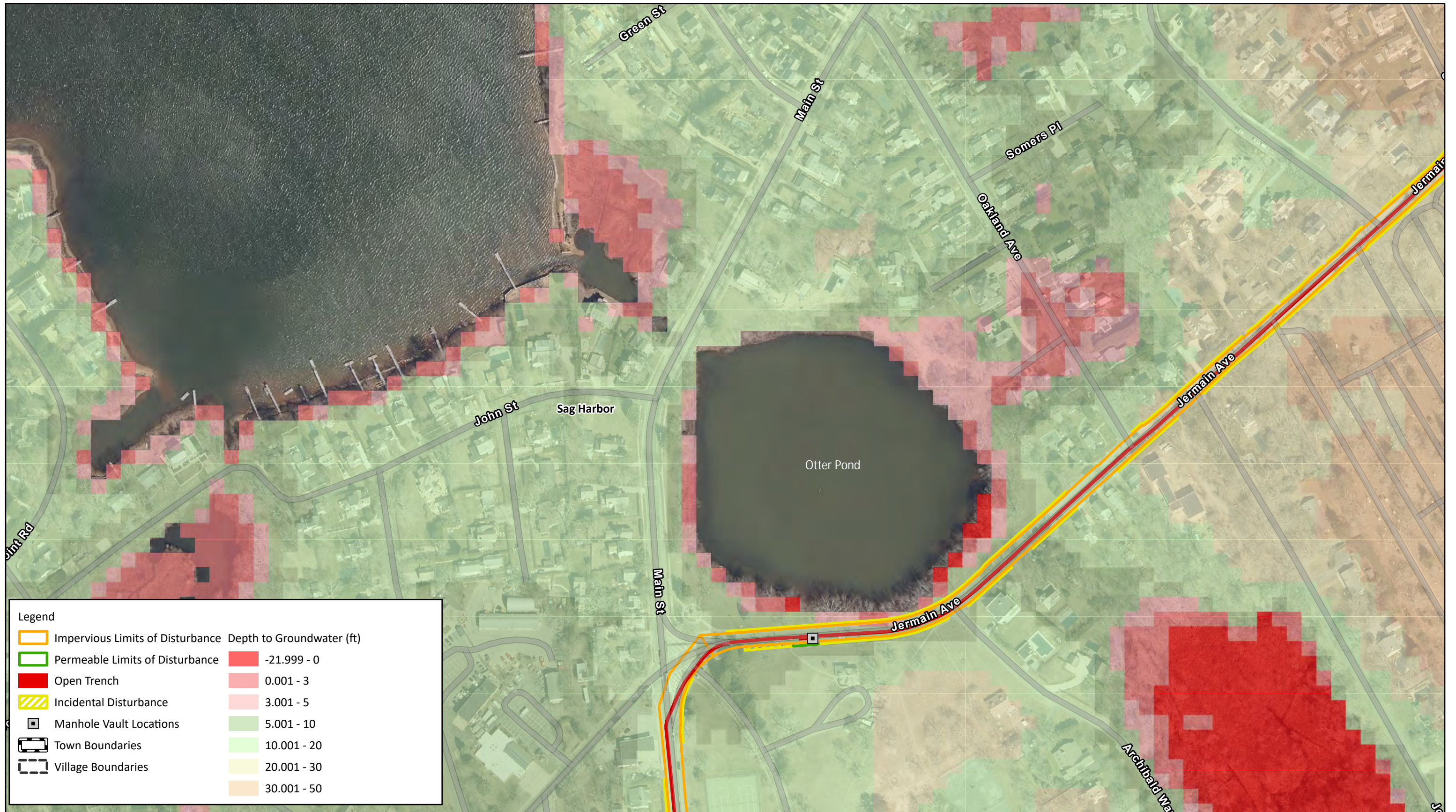


FIGURE 8-5
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024

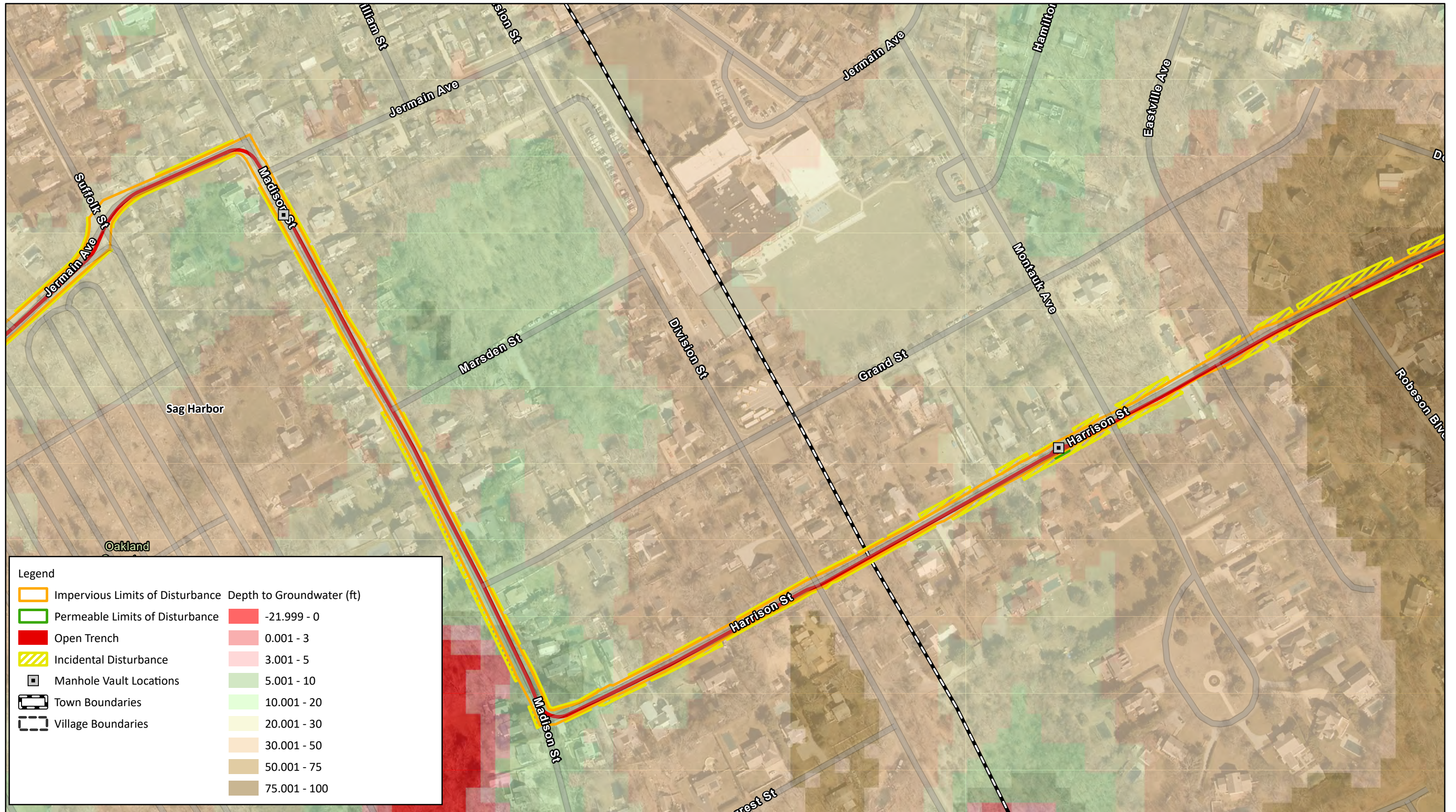


FIGURE 8-6
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024

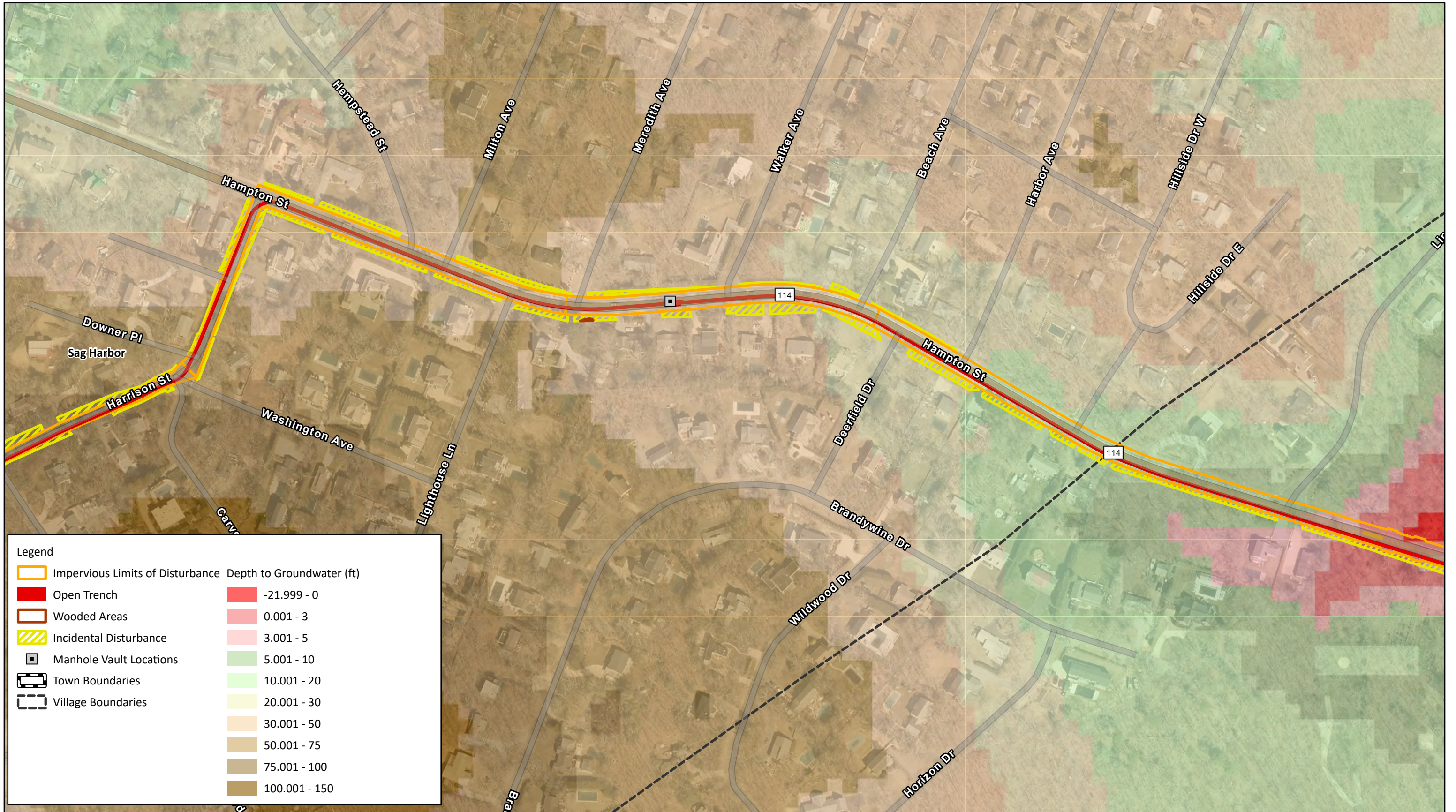
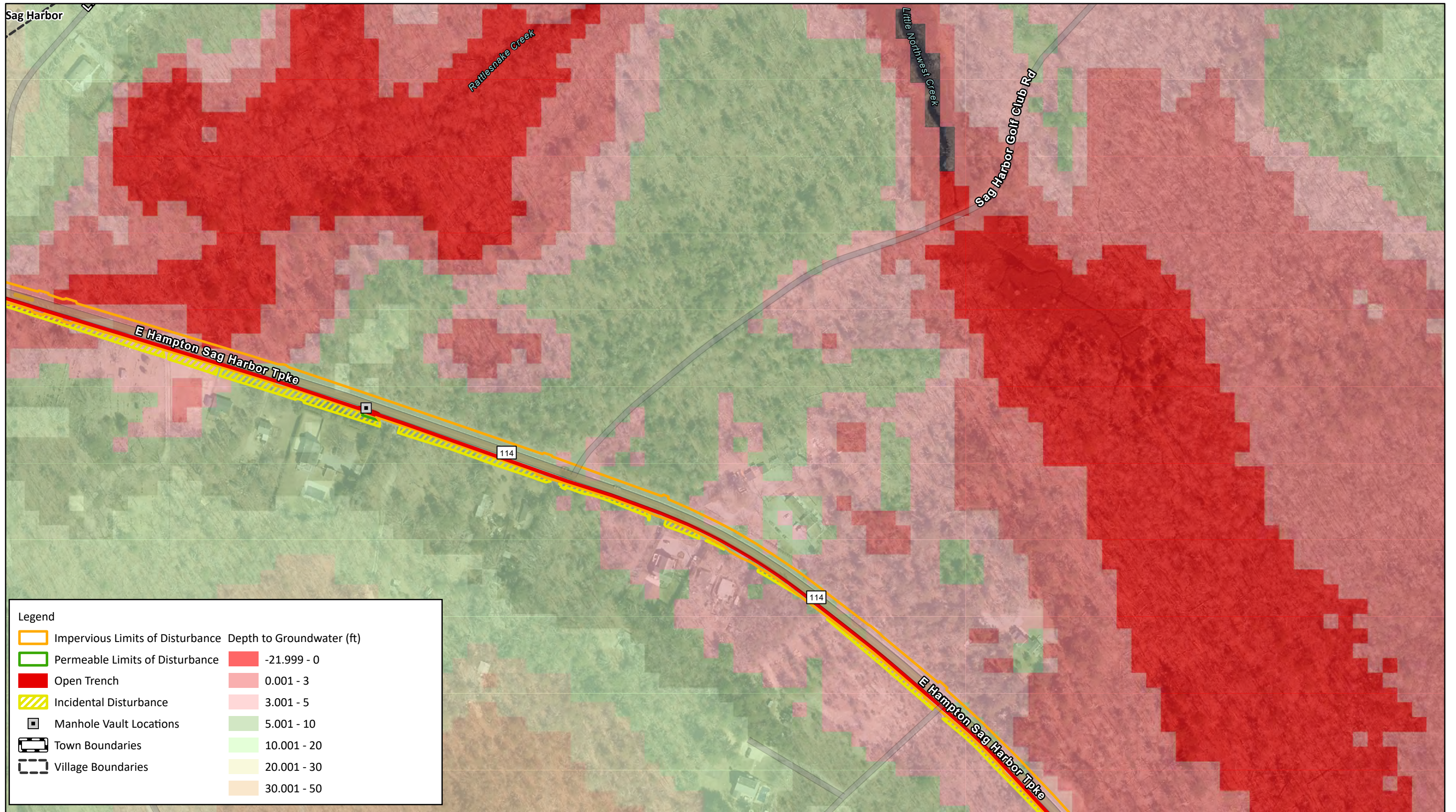


FIGURE 8-7
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

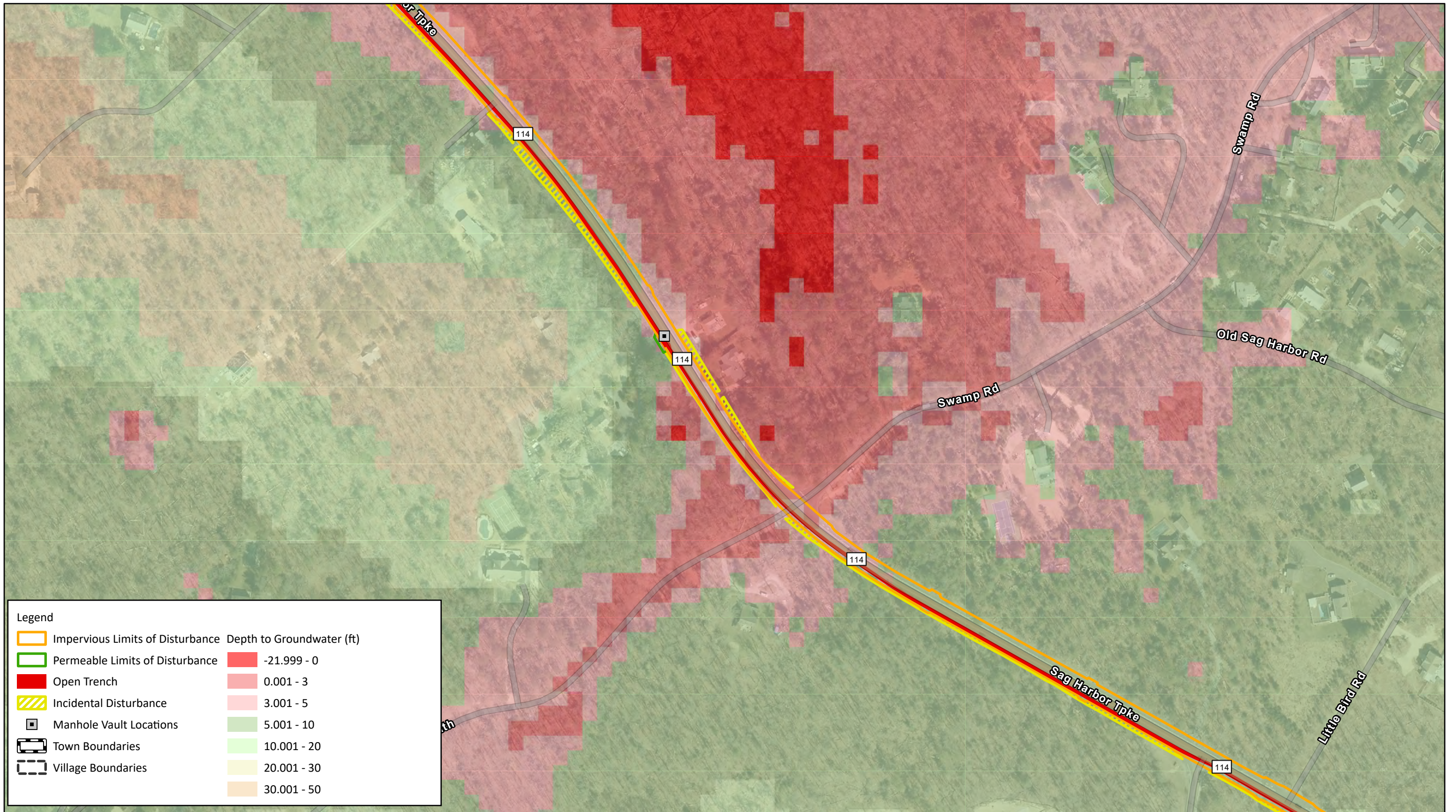
Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend

Impervious Limits of Disturbance	Depth to Groundwater (ft)
Permeable Limits of Disturbance	-21.999 - 0
Open Trench	0.001 - 3
Incidental Disturbance	3.001 - 5
Manhole Vault Locations	5.001 - 10
Town Boundaries	10.001 - 20
Village Boundaries	20.001 - 30
	30.001 - 50

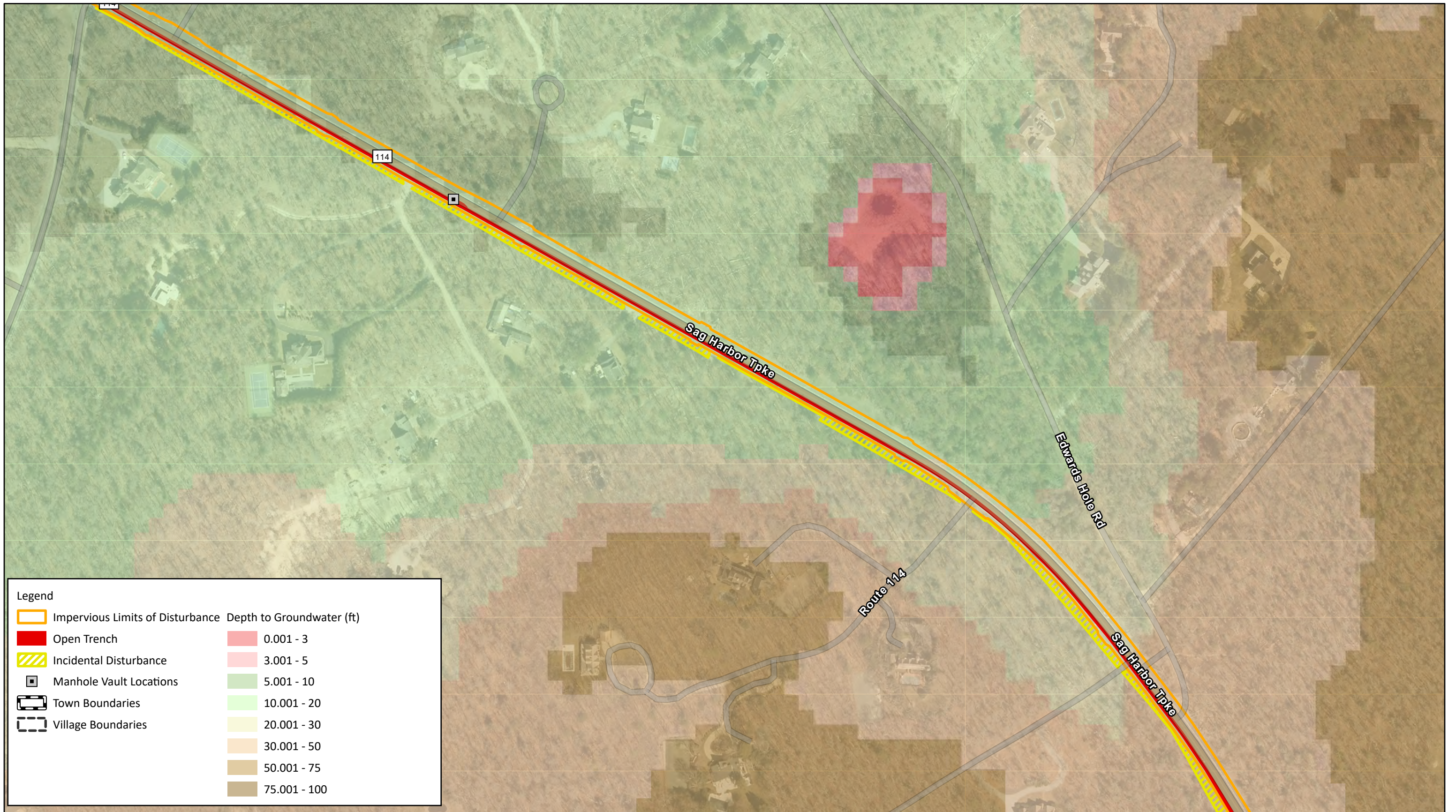
FIGURE 8-8
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend

Impervious Limits of Disturbance	Depth to Groundwater (ft)
Permeable Limits of Disturbance	-21.999 - 0
Open Trench	0.001 - 3
Incidental Disturbance	3.001 - 5
Manhole Vault Locations	5.001 - 10
Town Boundaries	10.001 - 20
Village Boundaries	20.001 - 30
	30.001 - 50

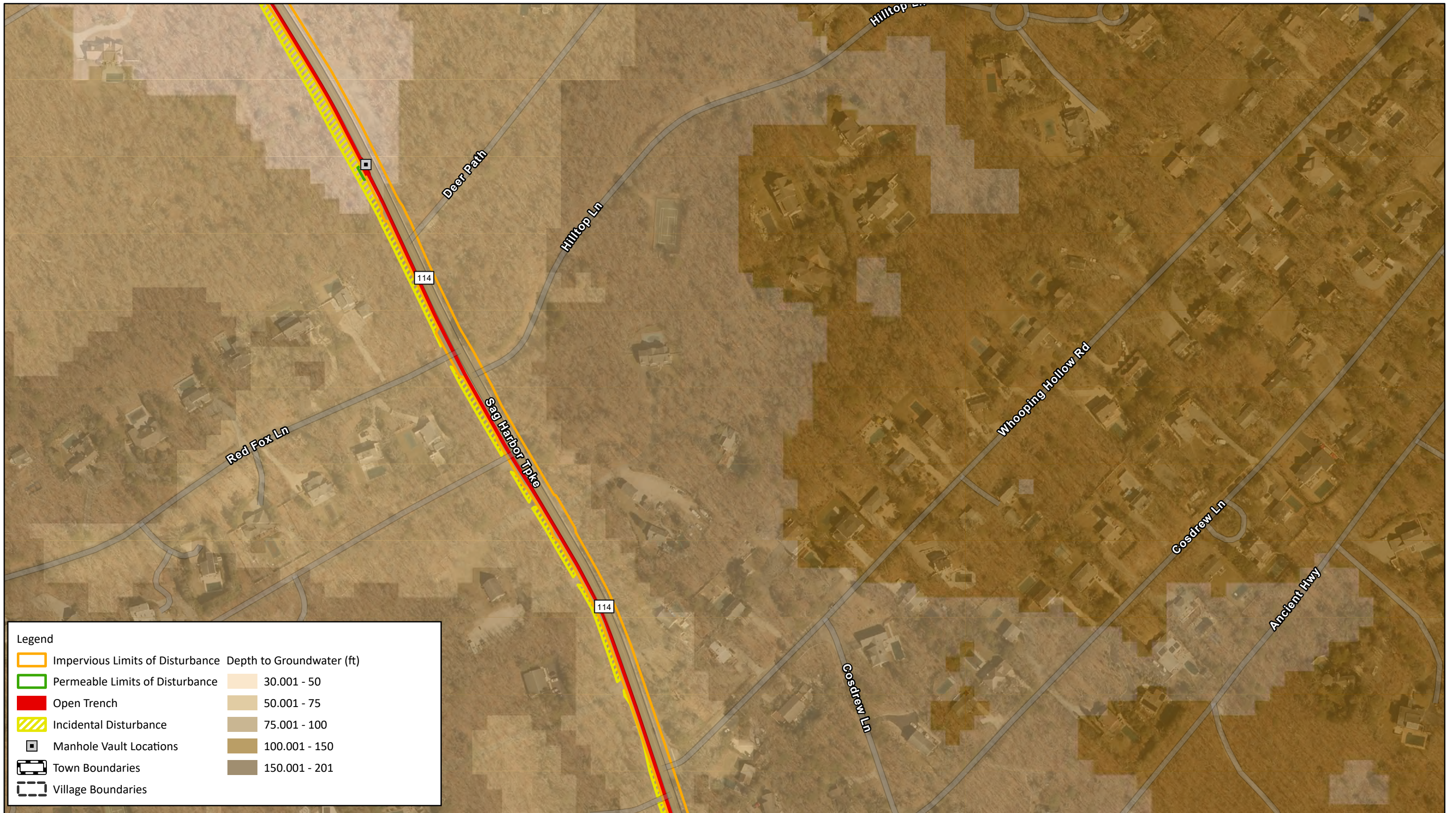
FIGURE 8-9
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend

Impervious Limits of Disturbance	Depth to Groundwater (ft)
Open Trench	0.001 - 3
Incidental Disturbance	3.001 - 5
Manhole Vault Locations	5.001 - 10
Town Boundaries	10.001 - 20
Village Boundaries	20.001 - 30
	30.001 - 50
	50.001 - 75
	75.001 - 100

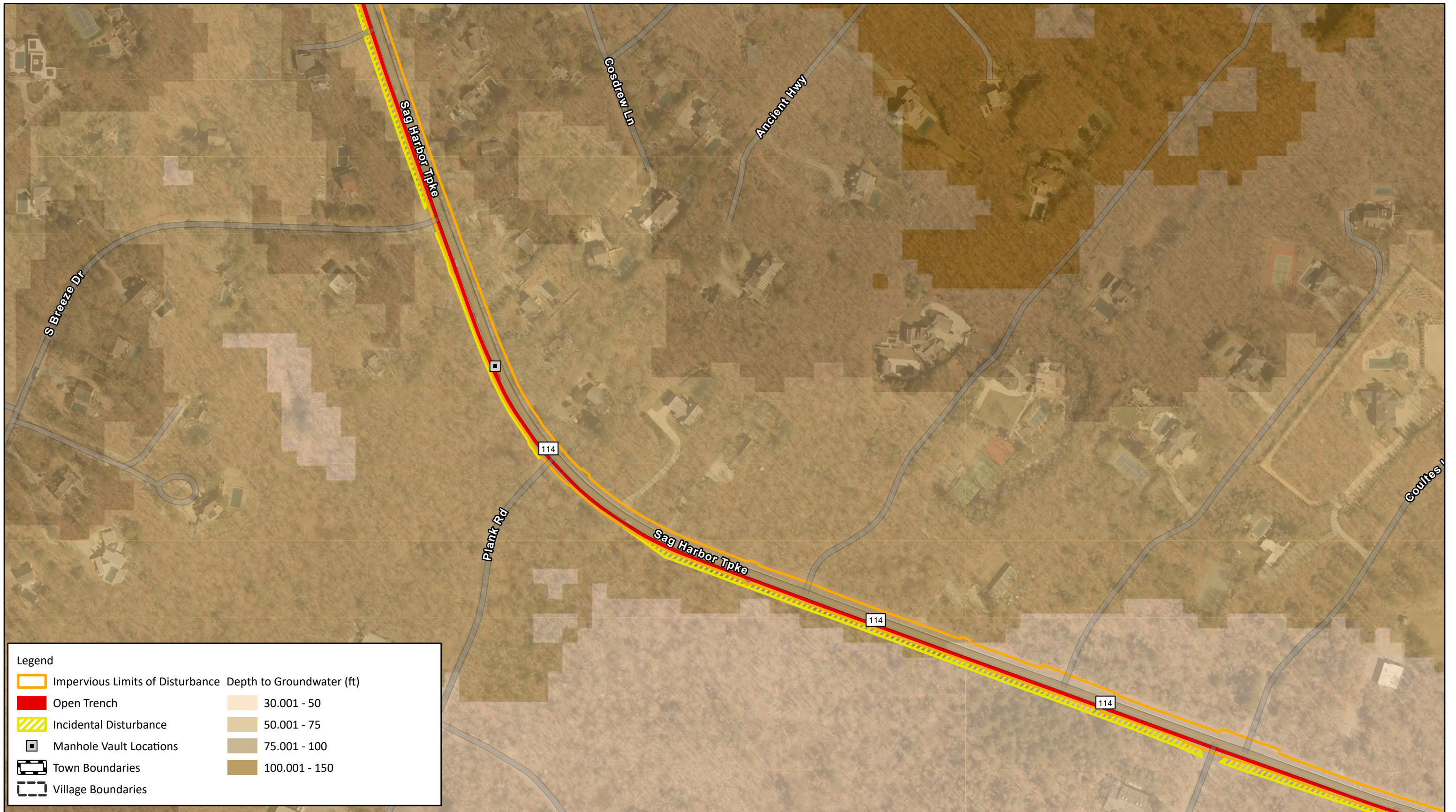
FIGURE 8-10
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend	
	Impervious Limits of Disturbance
	Permeable Limits of Disturbance
	Open Trench
	Incidental Disturbance
	Manhole Vault Locations
	Town Boundaries
	Village Boundaries
	Depth to Groundwater (ft)
	30.001 - 50
	50.001 - 75
	75.001 - 100
	100.001 - 150
	150.001 - 201

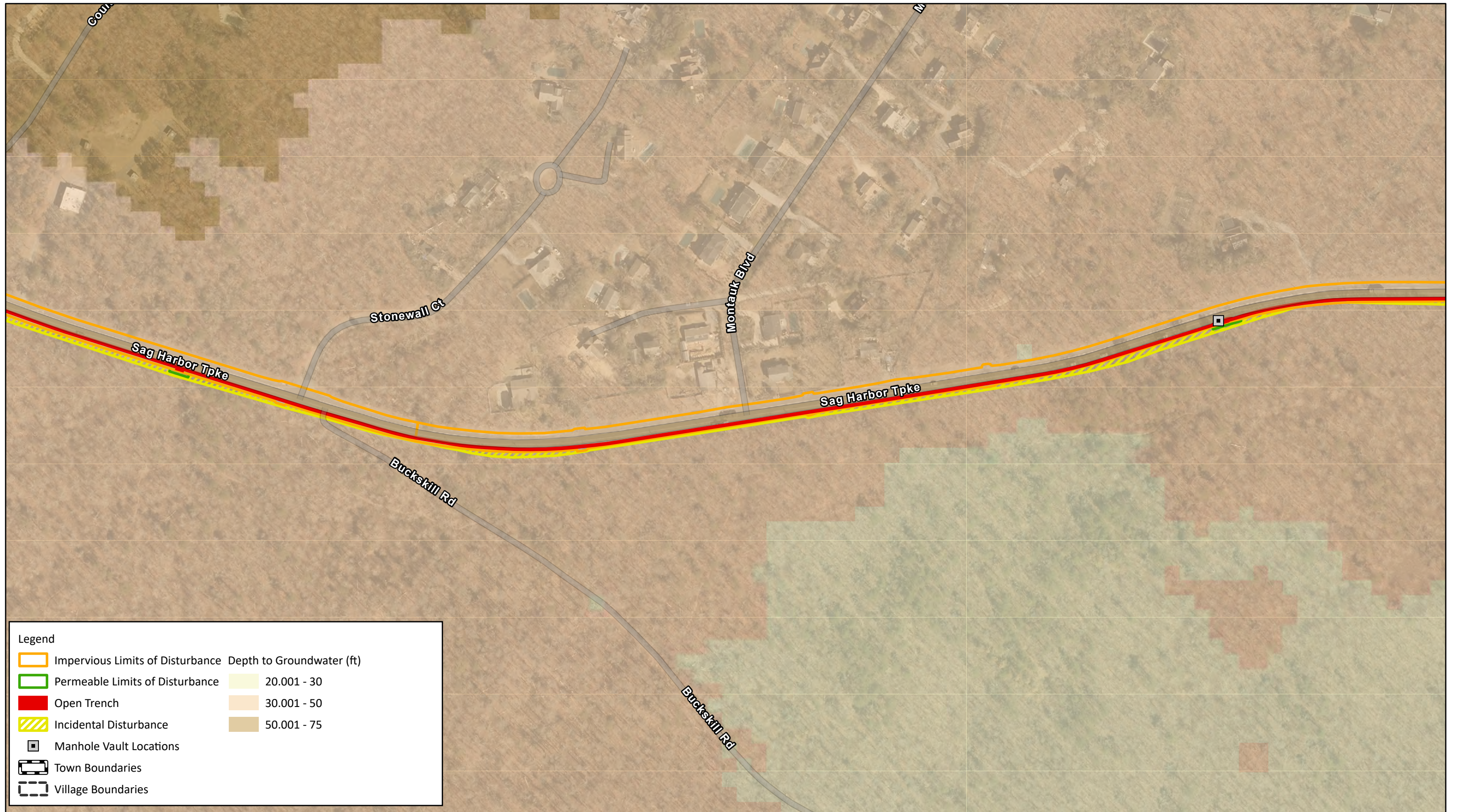
FIGURE 8-11
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



- Legend**
- Impervious Limits of Disturbance
 - Open Trench
 - Incidental Disturbance
 - Manhole Vault Locations
 - Town Boundaries
 - Village Boundaries
- | | |
|--|---------------|
| | 30.001 - 50 |
| | 50.001 - 75 |
| | 75.001 - 100 |
| | 100.001 - 150 |

FIGURE 8-12
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend








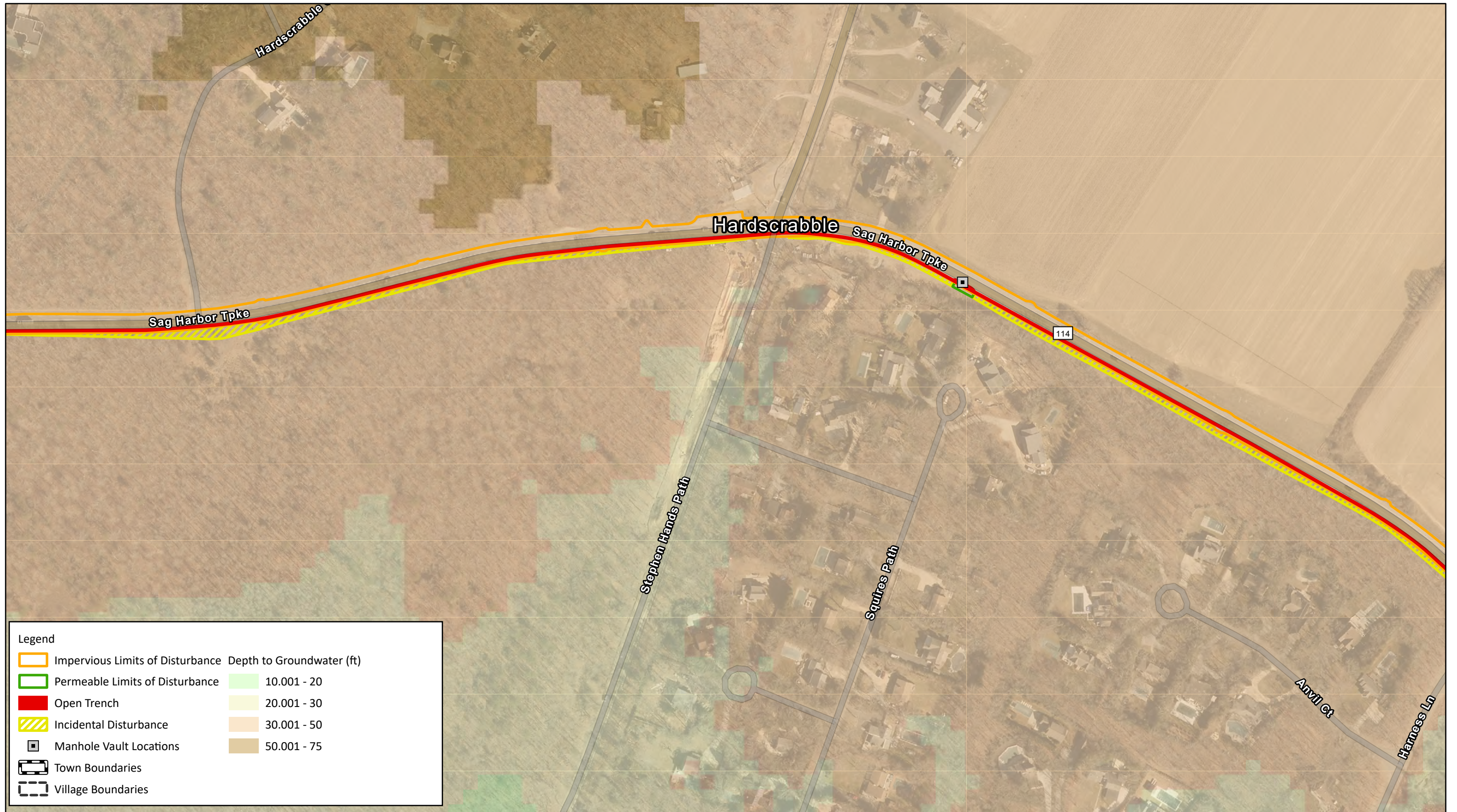
- | | | |
|---|----------------------------------|---------------------------|
|  | Impervious Limits of Disturbance | Depth to Groundwater (ft) |
|  | Permeable Limits of Disturbance | 20.001 - 30 |
|  | Open Trench | 30.001 - 50 |
|  | Incidental Disturbance | 50.001 - 75 |
|  | Manhole Vault Locations | |
|  | Town Boundaries | |
|  | Village Boundaries | |

FIGURE 8-13
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend



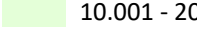

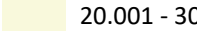

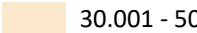




	Impervious Limits of Disturbance	Depth to Groundwater (ft)
	Permeable Limits of Disturbance	 10.001 - 20
	Open Trench	 20.001 - 30
	Incidental Disturbance	 30.001 - 50
	Manhole Vault Locations	 50.001 - 75
	Town Boundaries	
	Village Boundaries	

FIGURE 8-14
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024

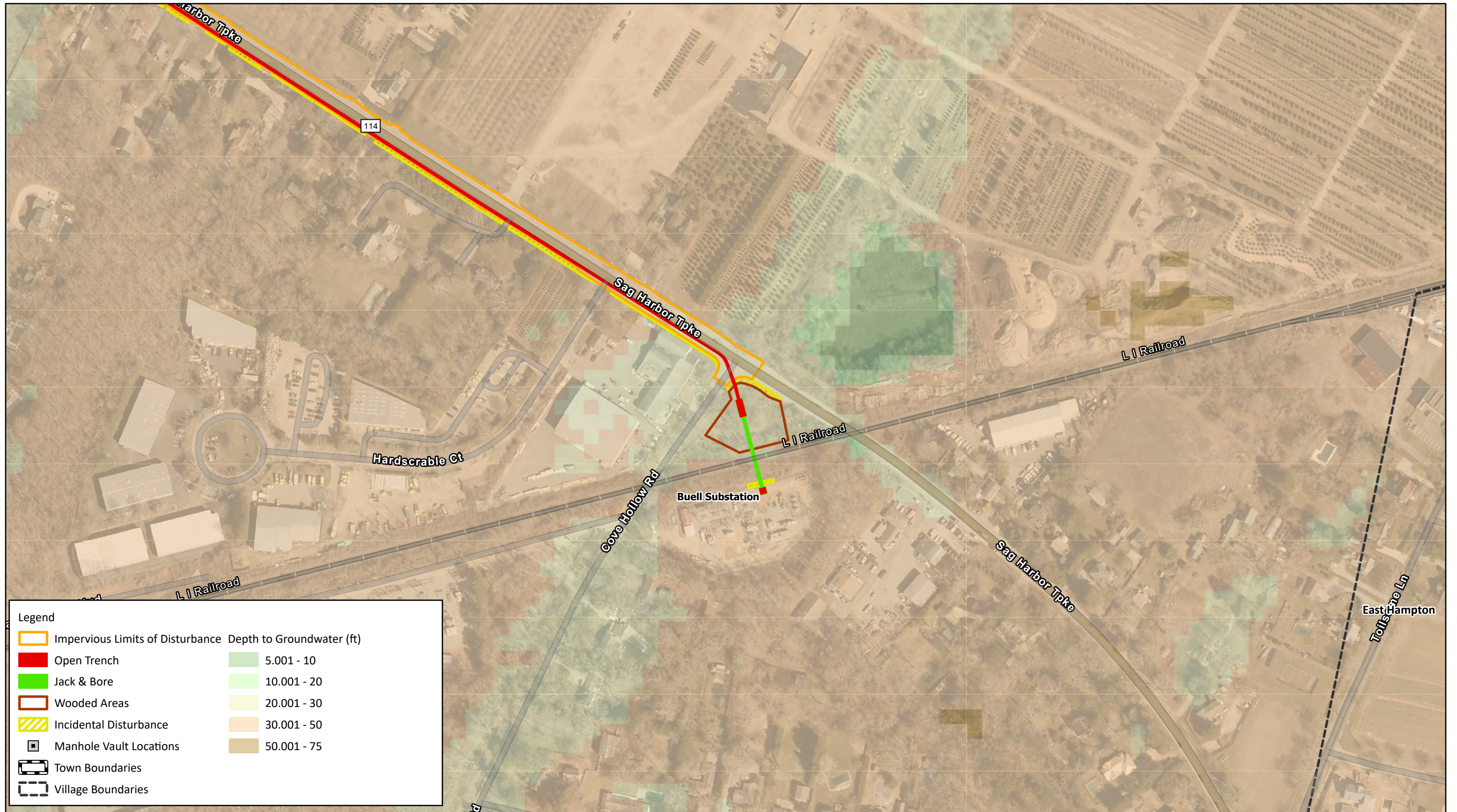


Legend

Impervious Limits of Disturbance	Depth to Groundwater (ft)
Permeable Limits of Disturbance	20.001 - 30
Open Trench	30.001 - 50
Incidental Disturbance	
Manhole Vault Locations	
Town Boundaries	
Village Boundaries	

FIGURE 8-15
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend














	Impervious Limits of Disturbance	Depth to Groundwater (ft)
	Open Trench	 5.001 - 10
	Jack & Bore	 10.001 - 20
	Wooded Areas	 20.001 - 30
	Incidental Disturbance	 30.001 - 50
	Manhole Vault Locations	 50.001 - 75
	Town Boundaries	
	Village Boundaries	

FIGURE 8-16
DEPTH TO GROUNDWATER MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; USGS, 2024



Legend

- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



**FIGURE 9-1
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

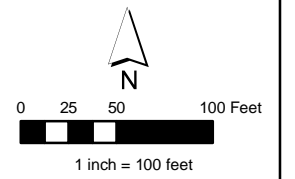
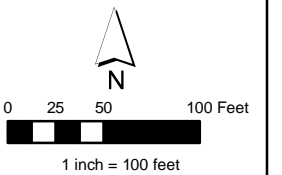
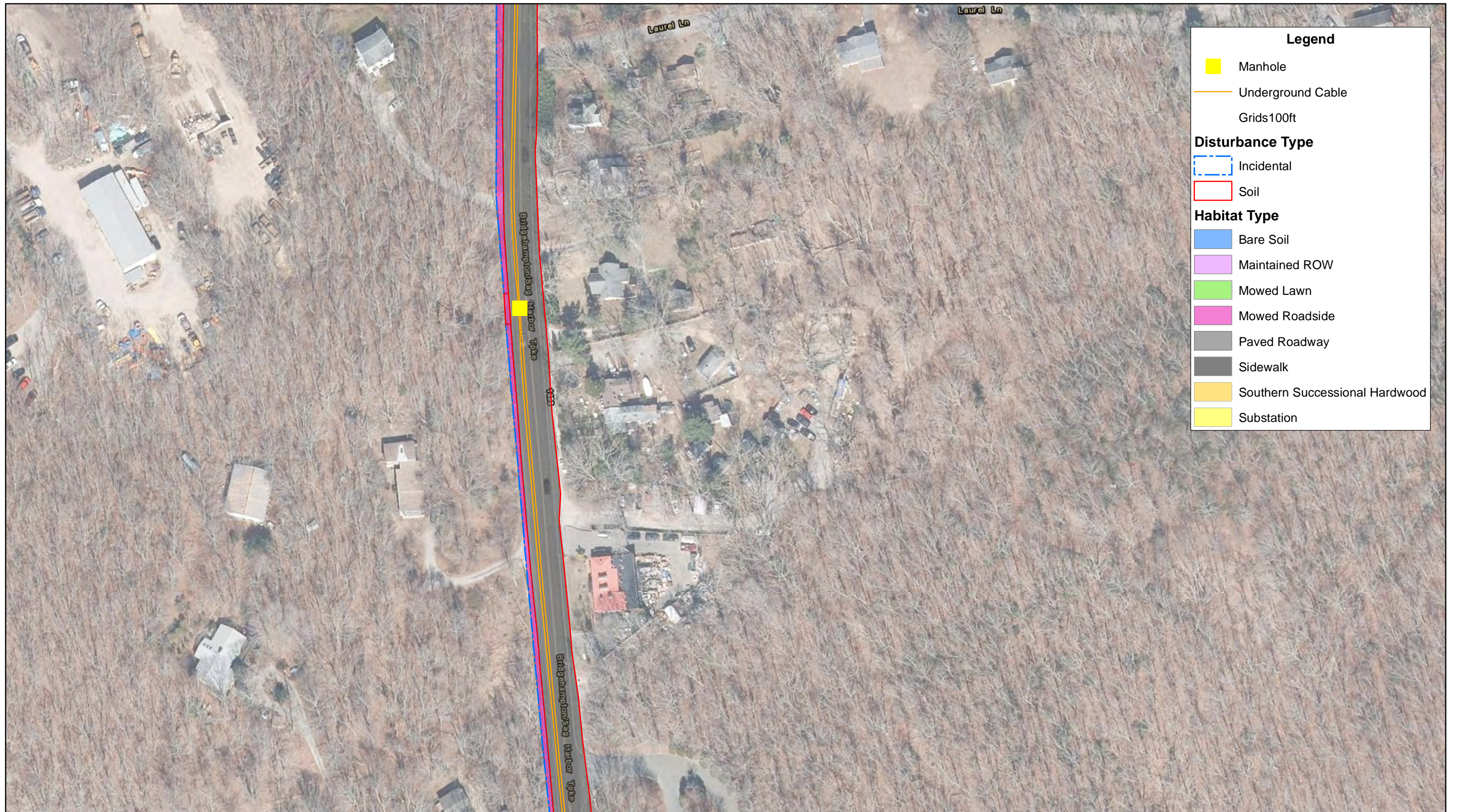




FIGURE 9-2
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids 100ft

Disturbance Type

- Incidental
- Soil

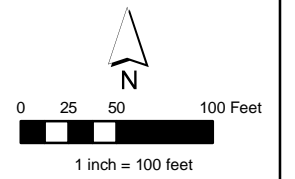
Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



**FIGURE 9-3
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation

FIGURE 9-4
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

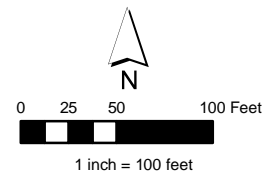
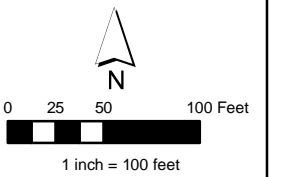
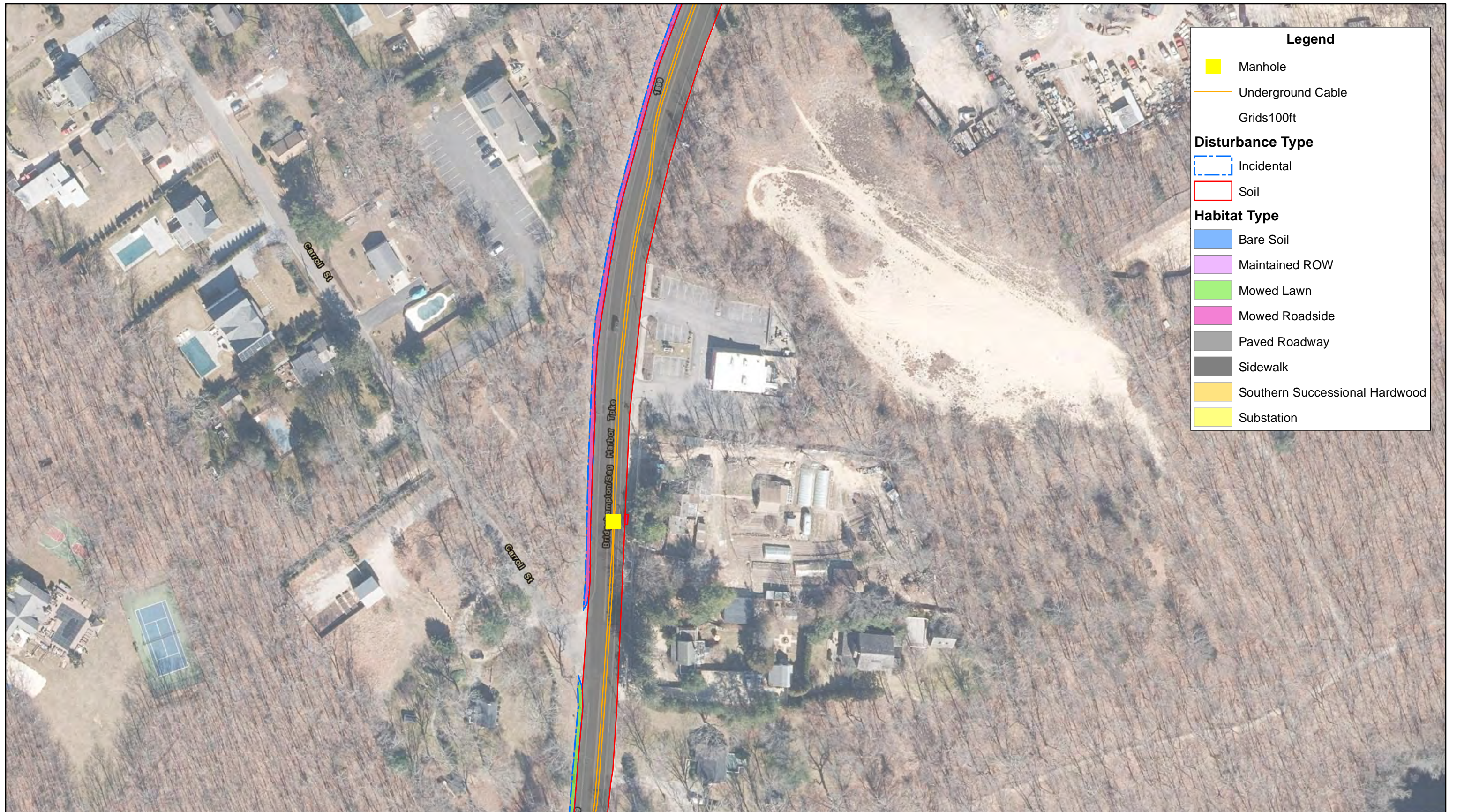




FIGURE 9-5
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids 100ft

Disturbance Type

- Incidental
- Soil

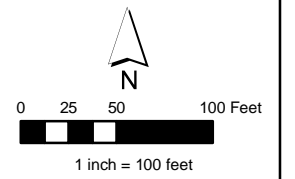
Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-6
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids100ft

Disturbance Type

- Incidental
- Soil

Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation

FIGURE 9-7
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

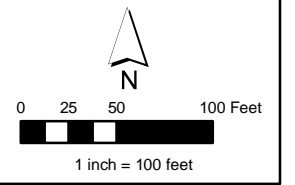




FIGURE 9-8
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

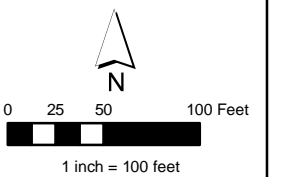
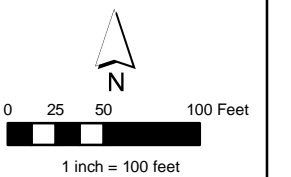




FIGURE 9-9
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



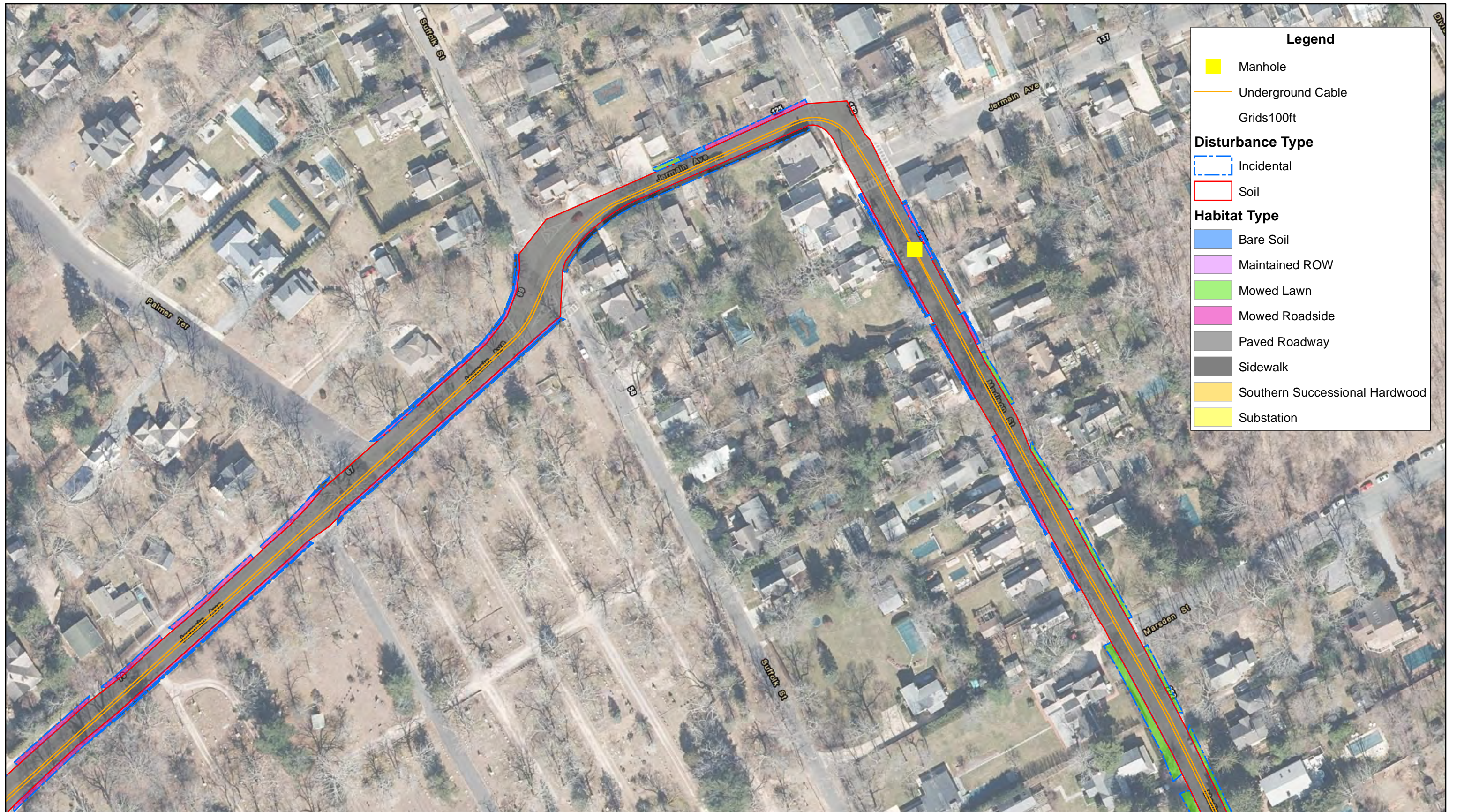


FIGURE 9-10
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

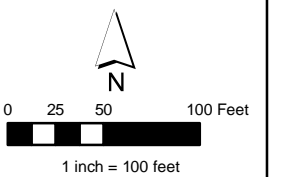
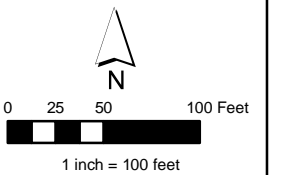
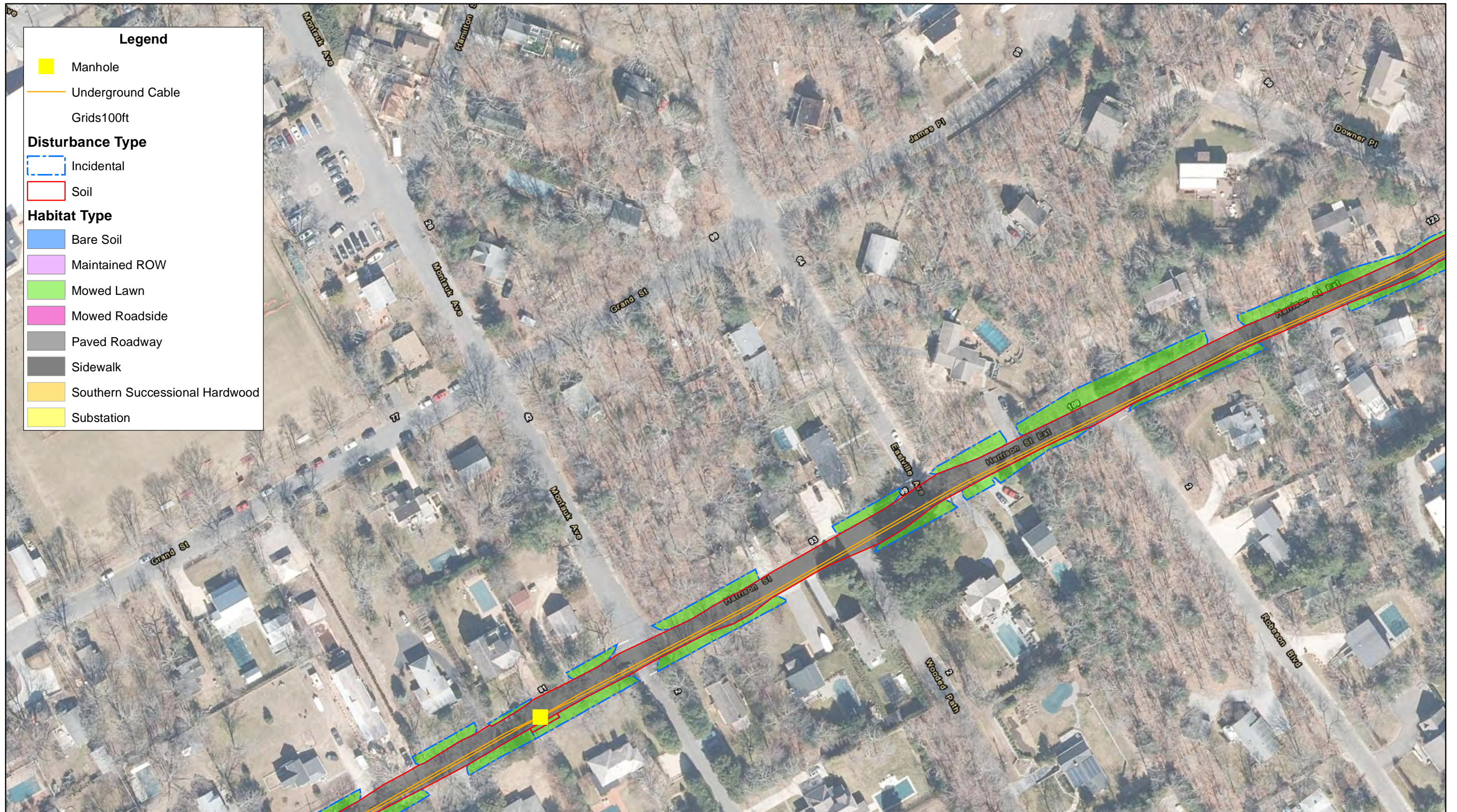




FIGURE 9-11
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids100ft

Disturbance Type

- Incidental
- Soil

Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation

FIGURE 9-12
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

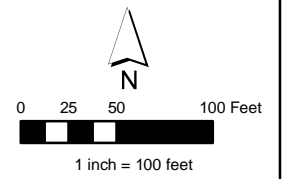
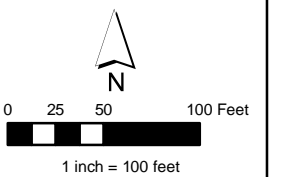
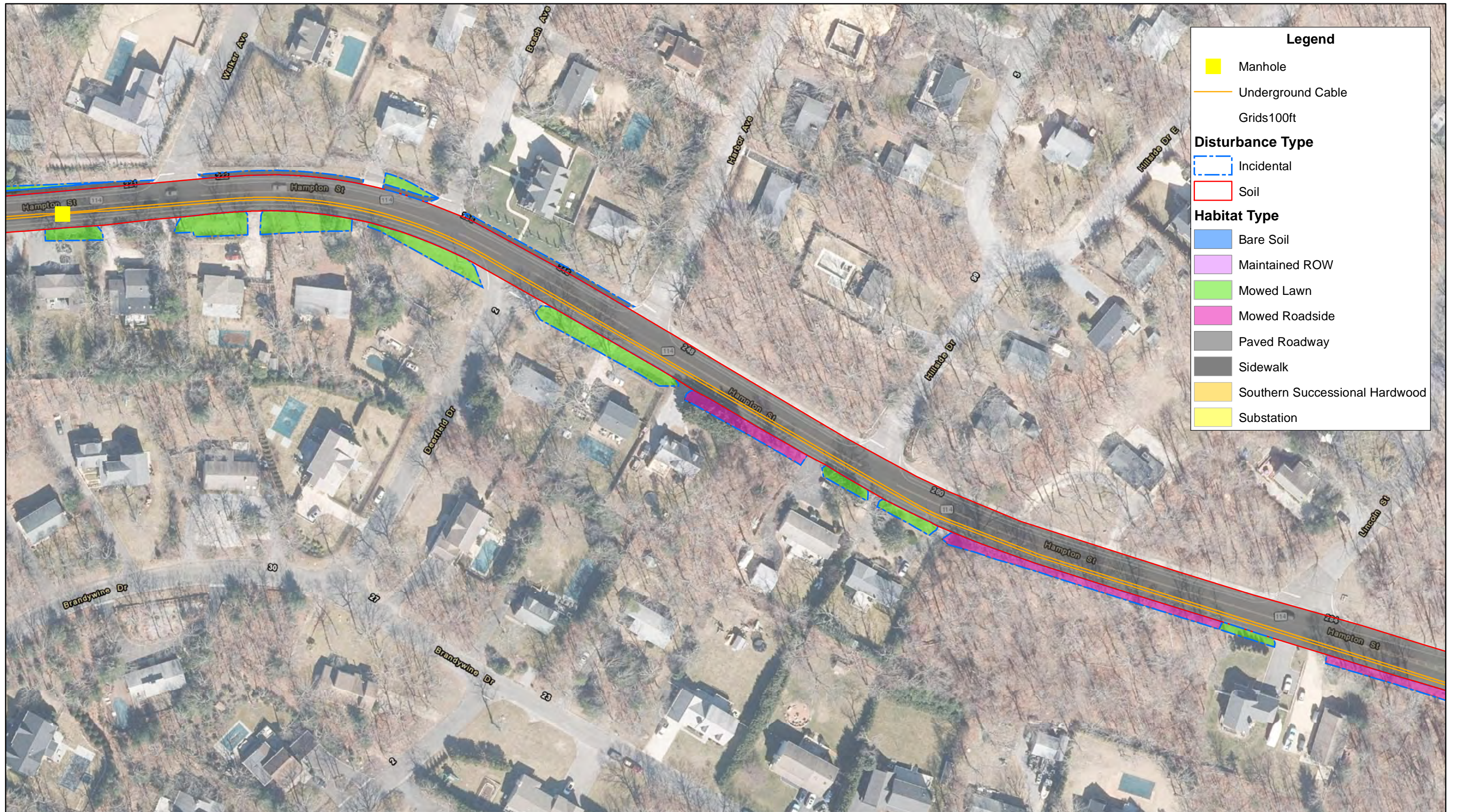




FIGURE 9-13
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids100ft

Disturbance Type

- Incidental
- Soil

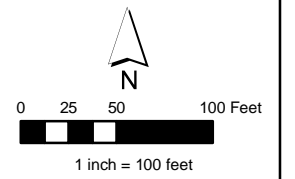
Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-14
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



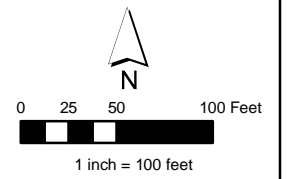


Legend

- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation

FIGURE 9-15
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69kV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids 100ft

Disturbance Type

- Incidental
- Soil

Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-16
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69kV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

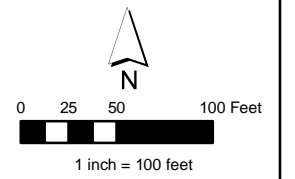




FIGURE 9-17
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.

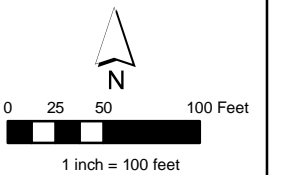
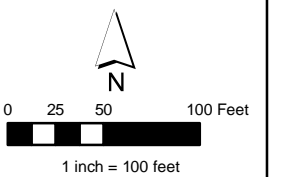




FIGURE 9-18
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids100ft

Disturbance Type

- Incidental
- Soil

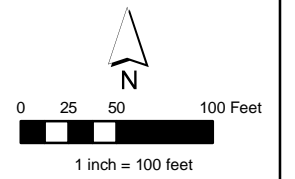
Habitat Type

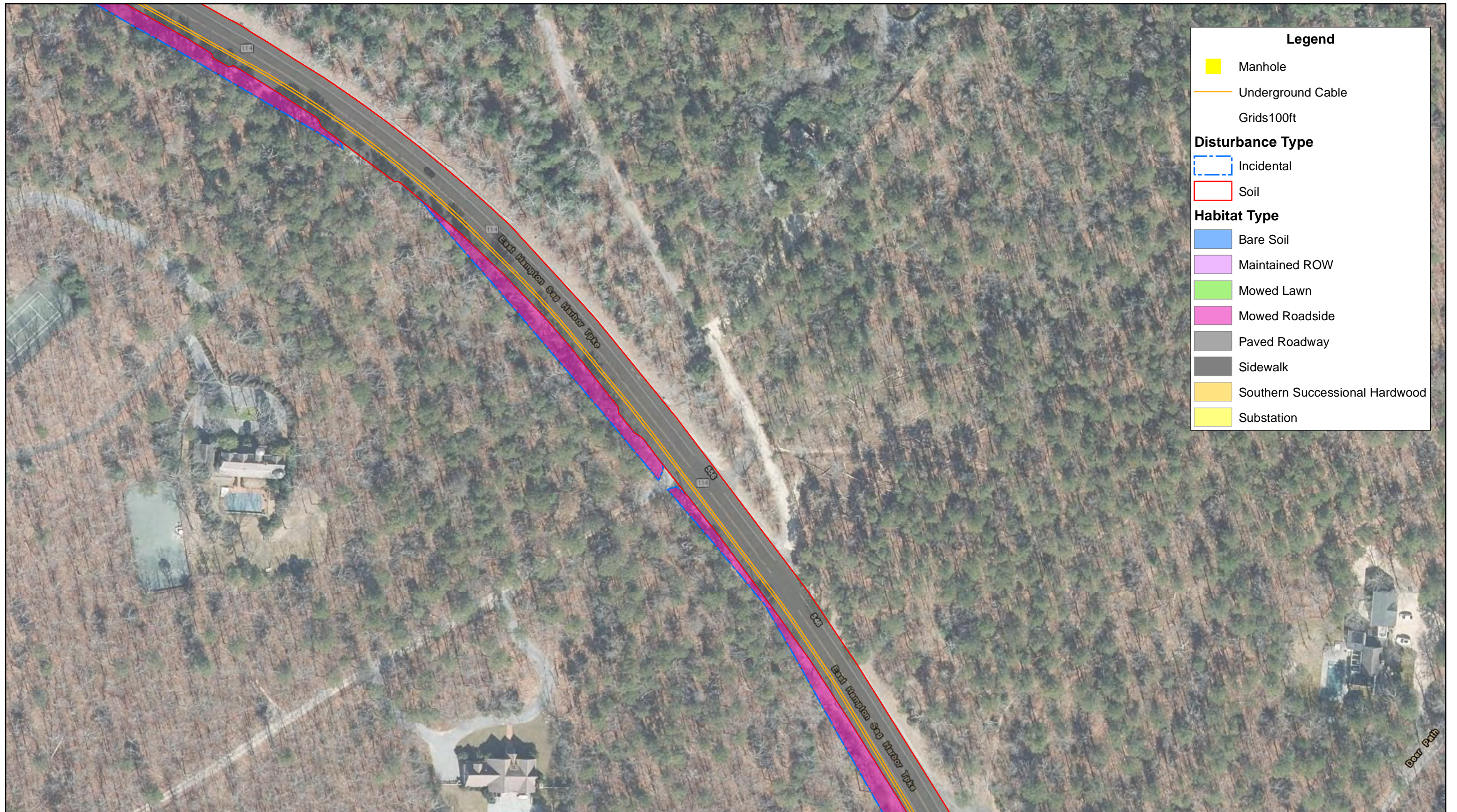
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



**FIGURE 9-19
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69kV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids 100ft

Disturbance Type

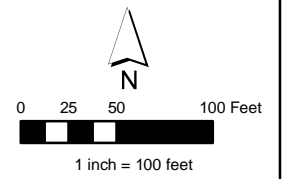
- Incidental
- Soil

Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation

FIGURE 9-20
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



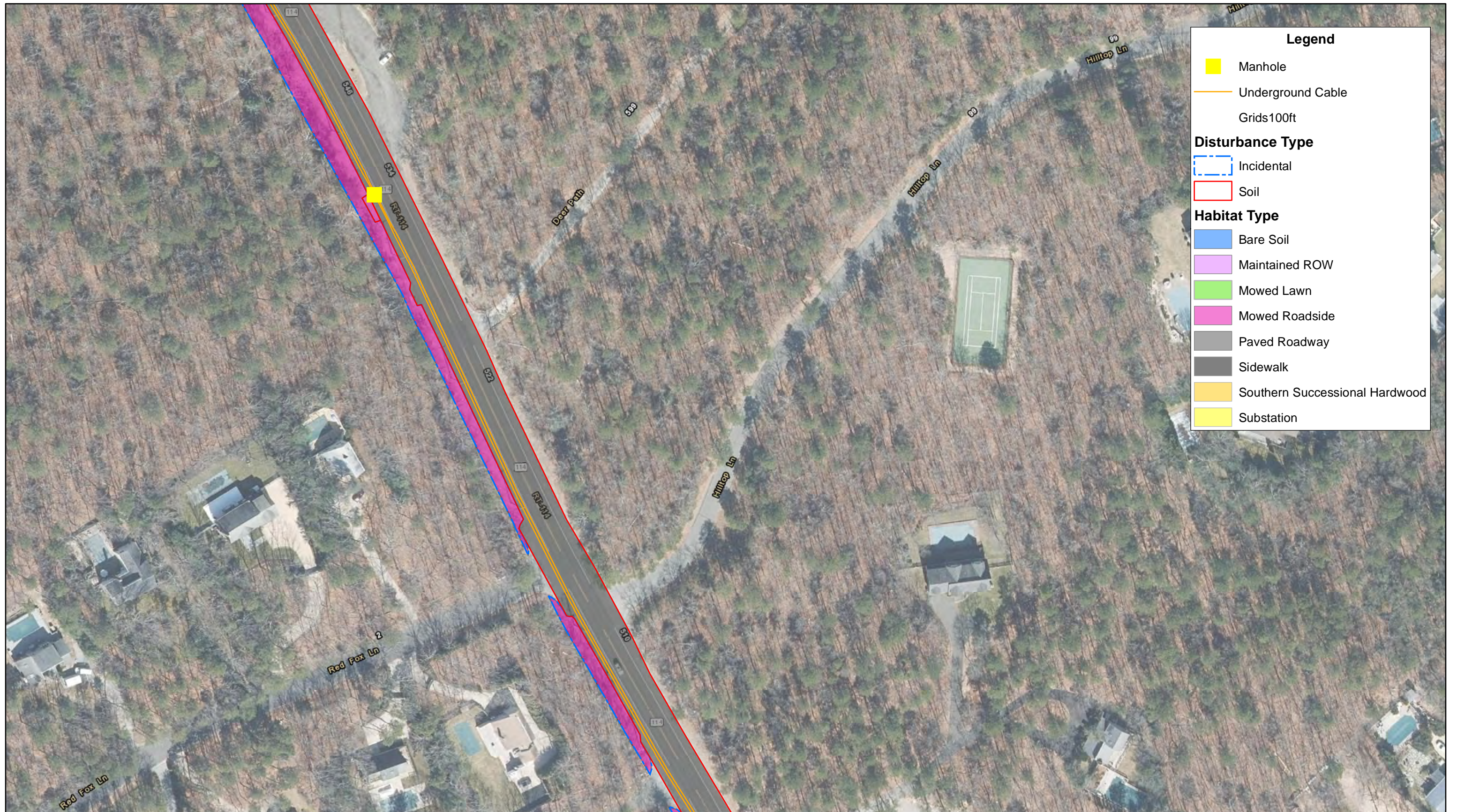
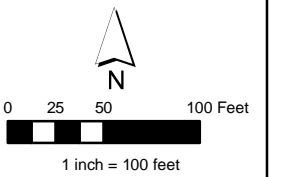
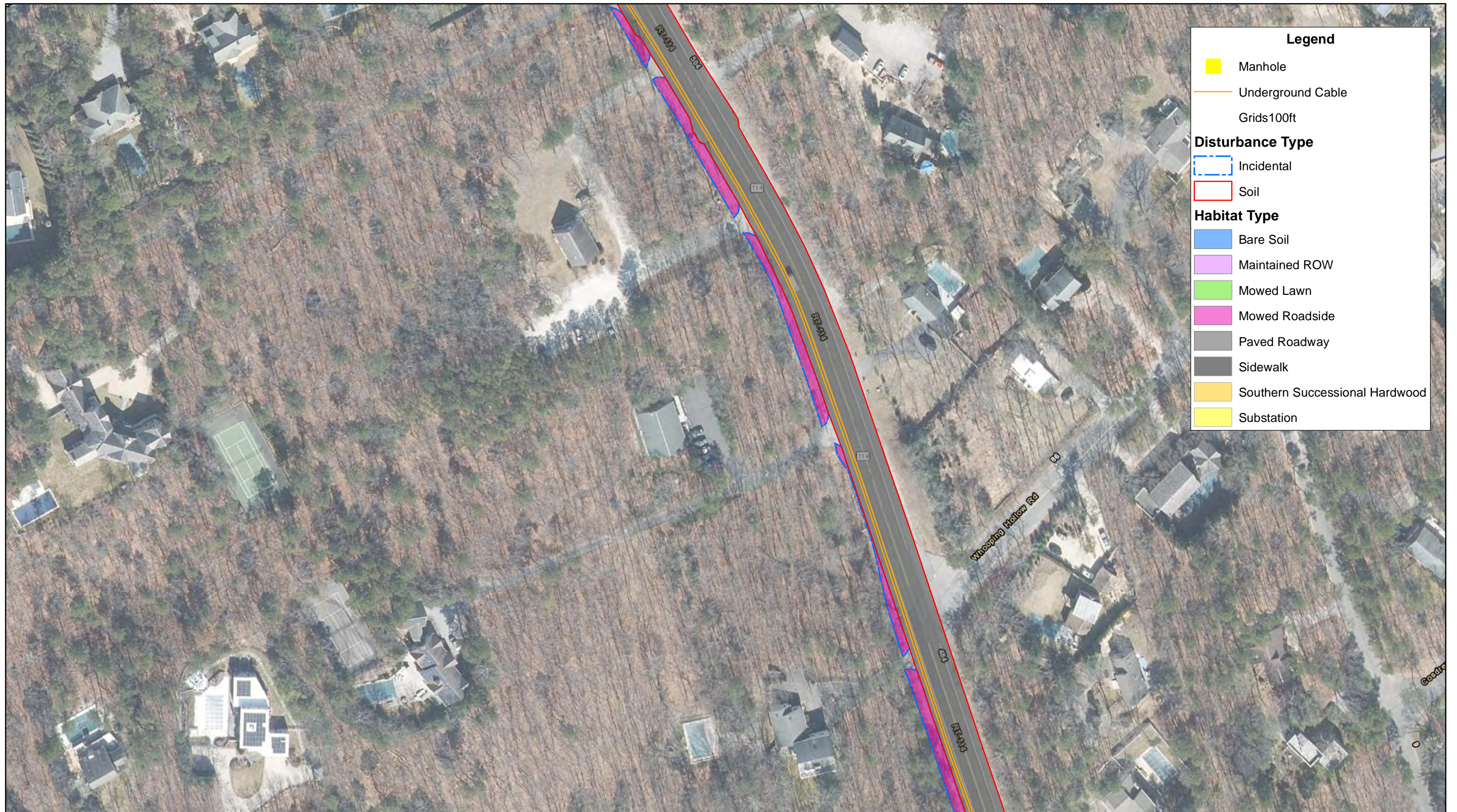


FIGURE 9-21
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids100ft

Disturbance Type

- Incidental
- Soil

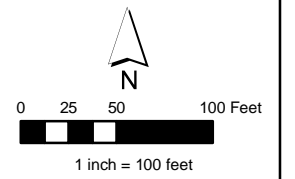
Habitat Type

- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



**FIGURE 9-22
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69kV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



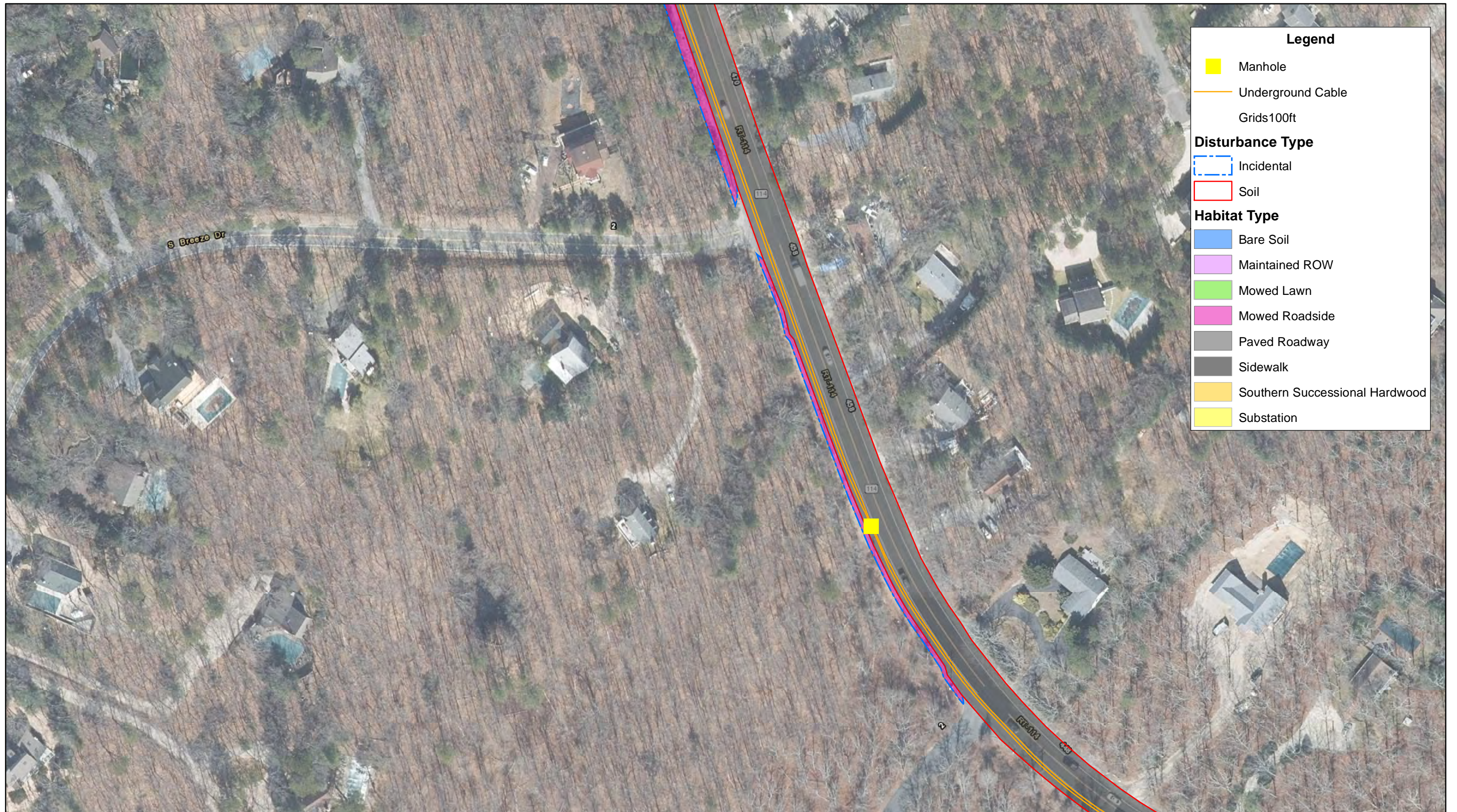
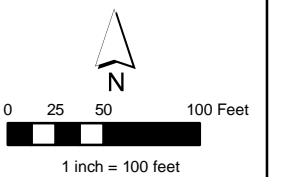
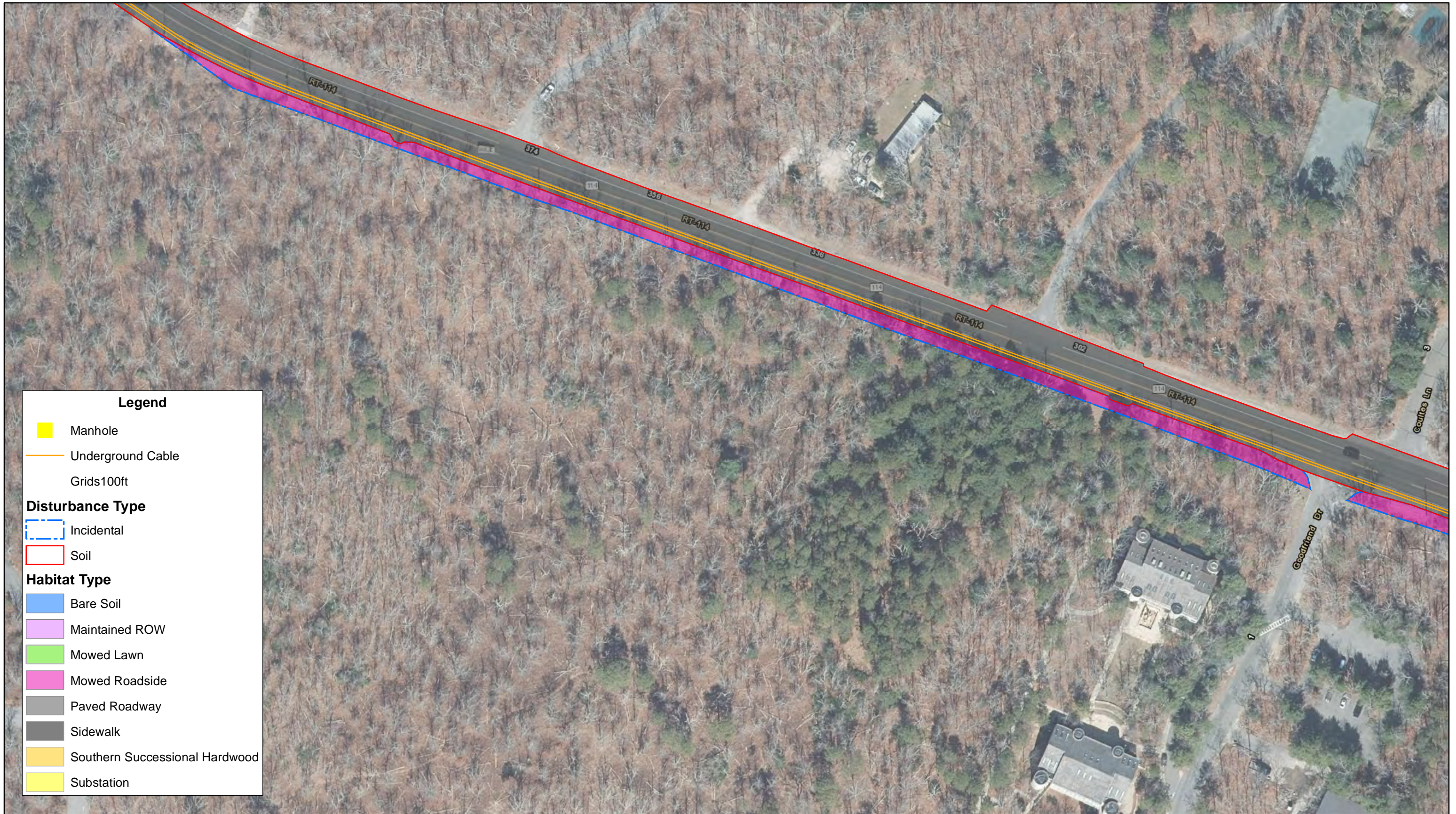


FIGURE 9-23
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



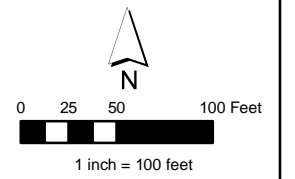


Legend

- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation

FIGURE 9-24
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69kV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



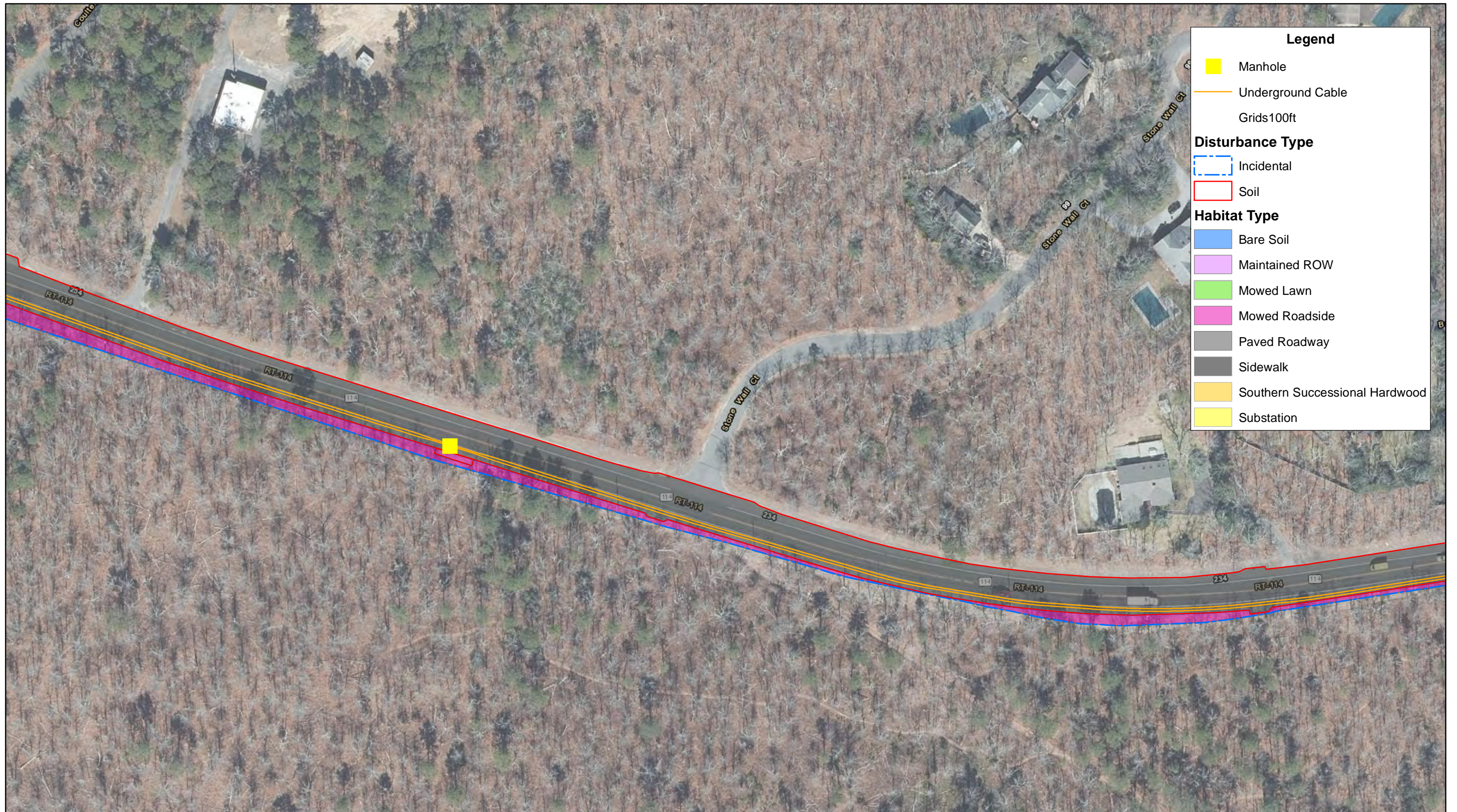
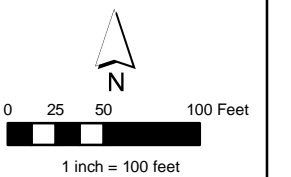


FIGURE 9-25
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



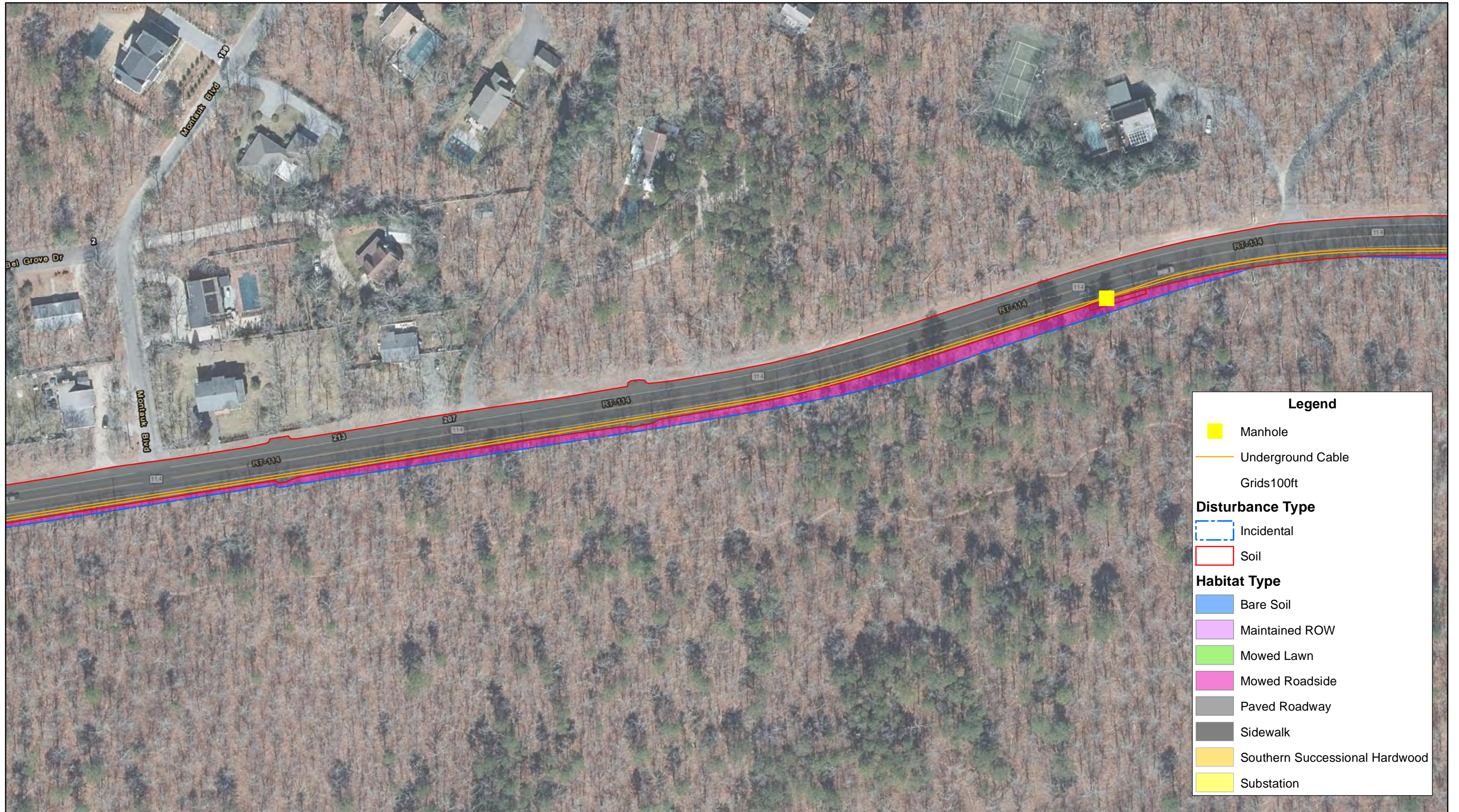
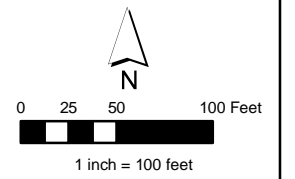


FIGURE 9-26
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.



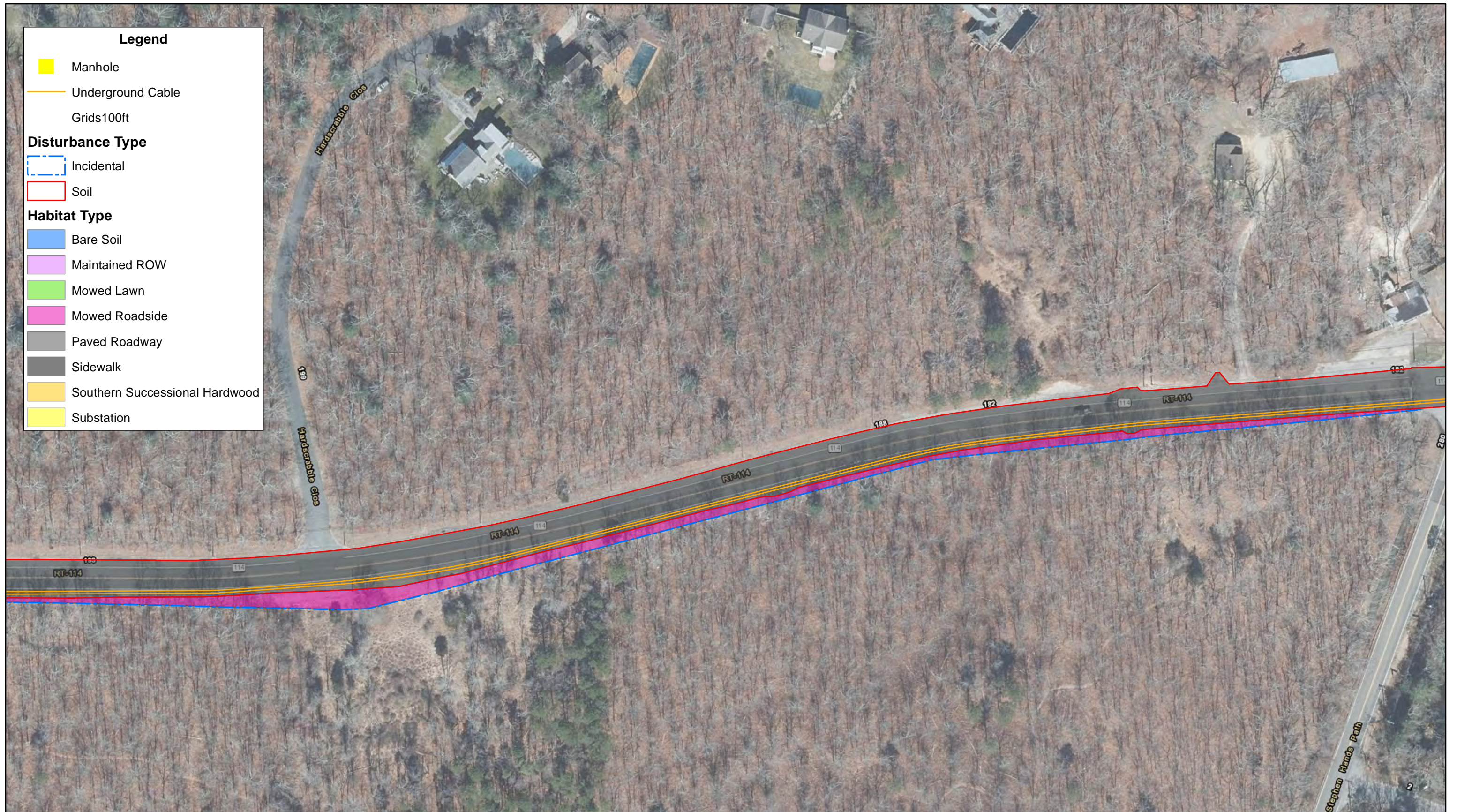
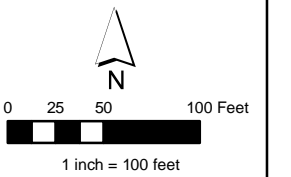


FIGURE 9-27
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





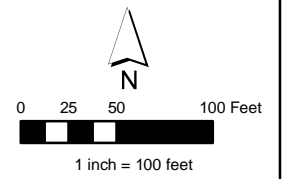
Legend

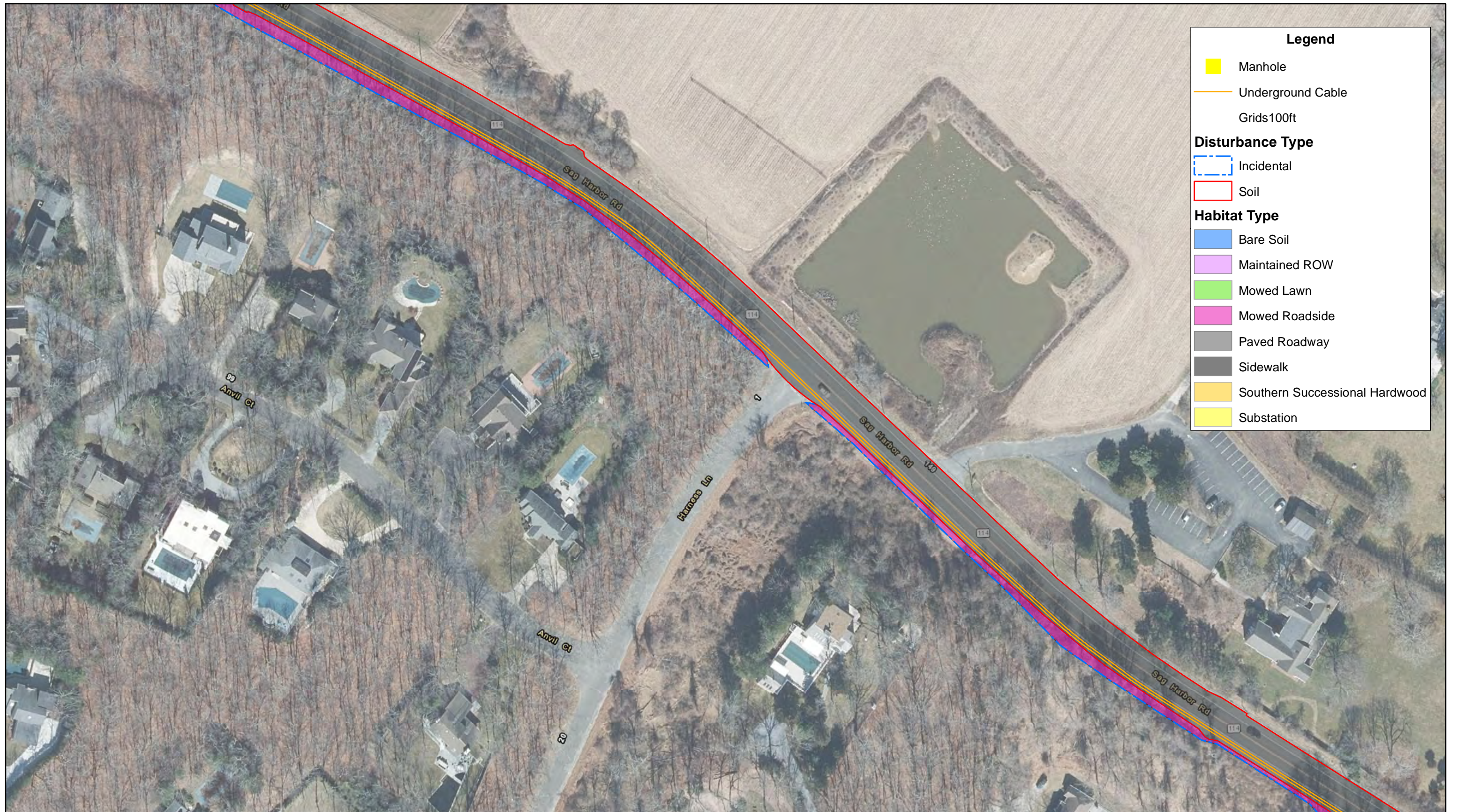
- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-28
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





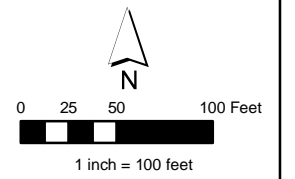
Legend

- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-29
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69kV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

- Manhole
- Underground Cable
- Grids 100ft

Disturbance Type

- Incidental
- Soil

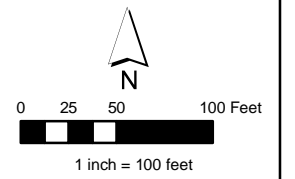
Habitat Type

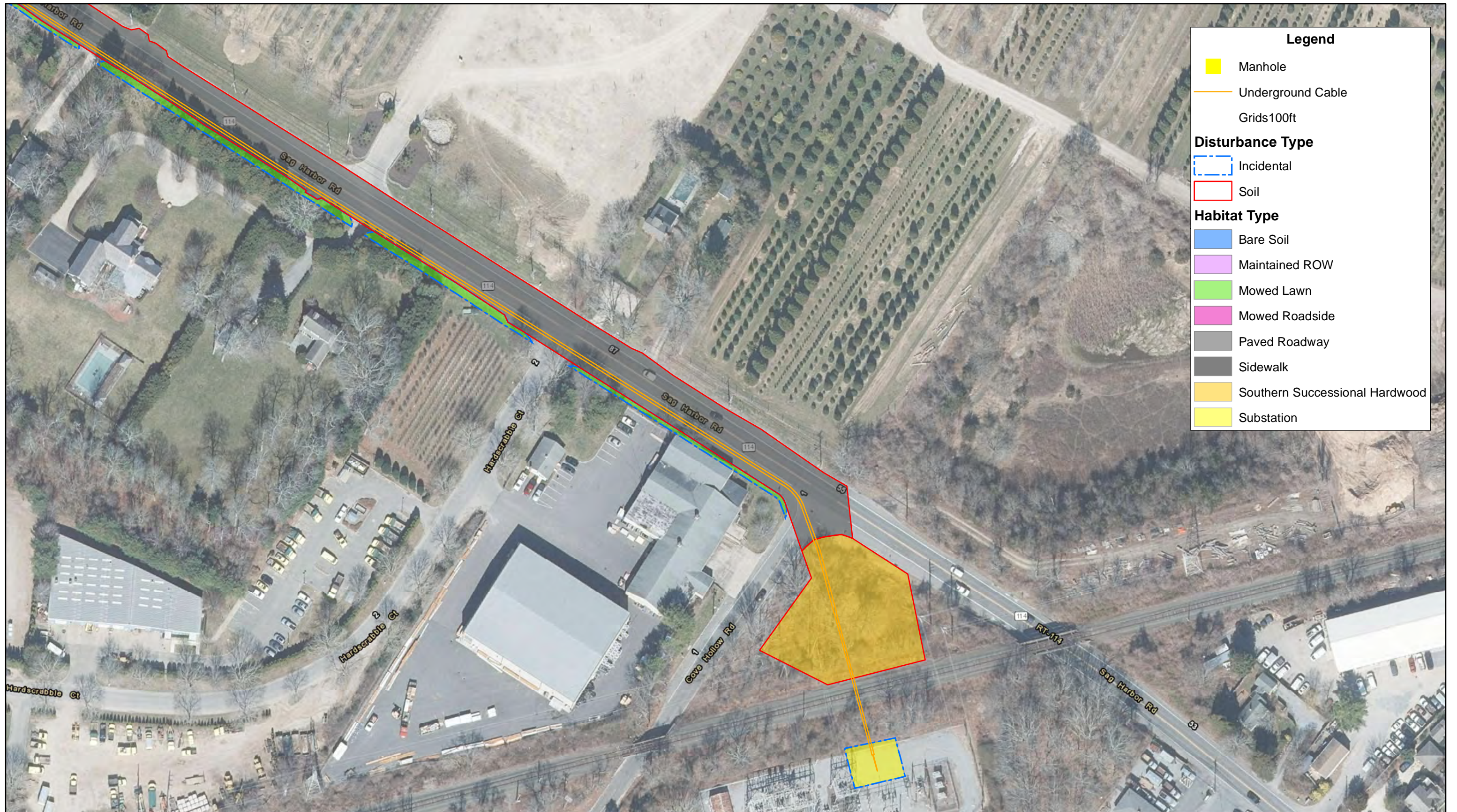
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-30
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





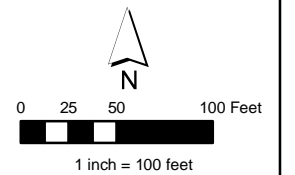
Legend

- Manhole
- Underground Cable
- Grids 100ft
- Disturbance Type**
- Incidental
- Soil
- Habitat Type**
- Bare Soil
- Maintained ROW
- Mowed Lawn
- Mowed Roadside
- Paved Roadway
- Sidewalk
- Southern Successional Hardwood
- Substation



FIGURE 9-31
PREFERRED ALTERNATIVE HABITAT MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2020; PSEG Long Island Ecological Investigations, ESRI World Transportation, 2024.





Legend

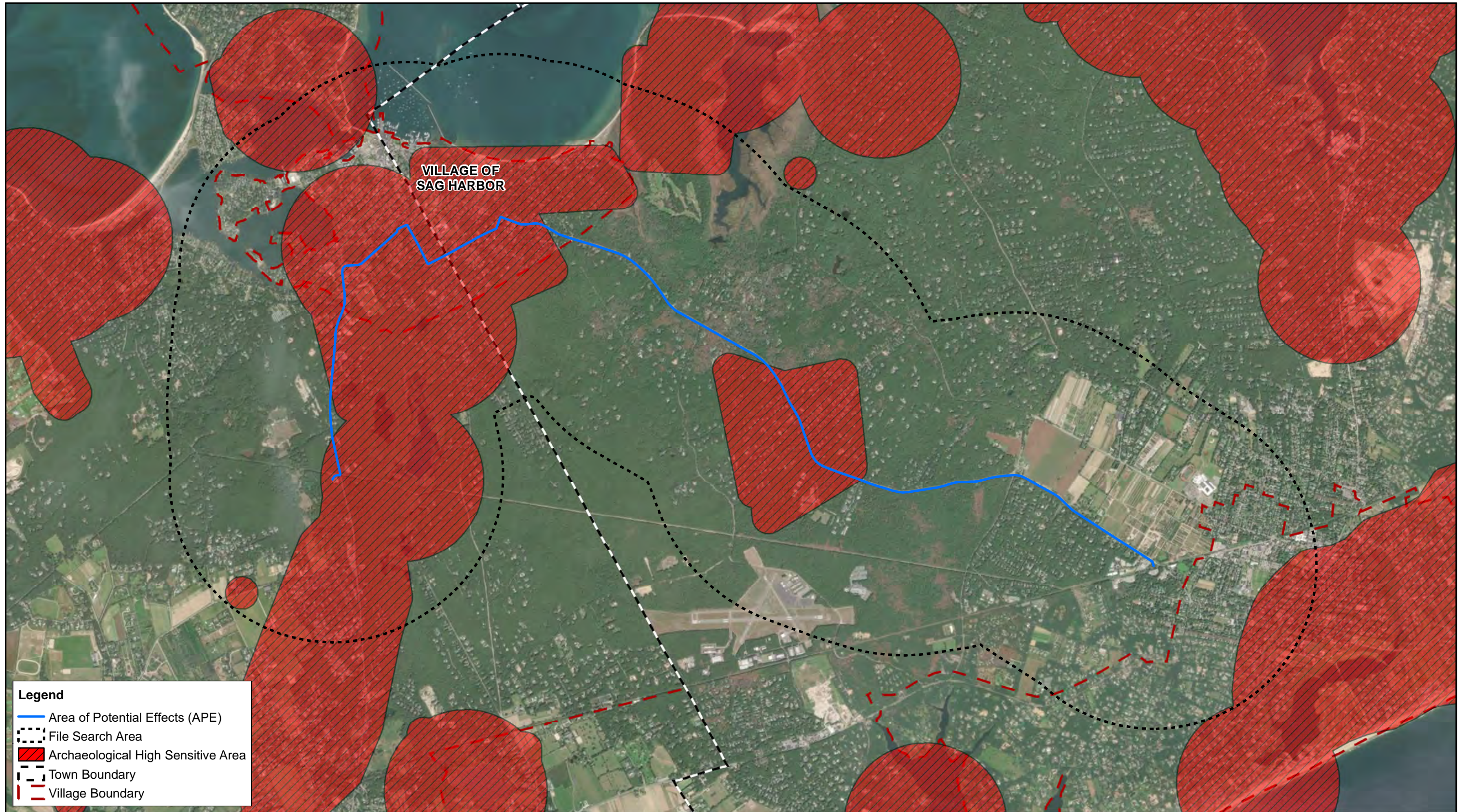
- APE
- - - Town Boundary
- - - Village Boundary

FIGURE 10
AREA OF POTENTIAL EFFECTS- FULL CORRIDOR



2024

1 inch = 2,000 feet



Legend

- Area of Potential Effects (APE)
- File Search Area
- Archaeological High Sensitive Area
- Town Boundary
- Village Boundary

**FIGURE 11
ARCHAEOLOGICAL SENSITIVITY MAP**

Source: Phase 1 Archaeological Investigation for the Bridgehampton to Buell Long Island T-Line, Towns of Southampton and East Hampton, Suffolk County, New York, By PaleoWest, LLC, dba Chronicle Heritage
October 25, 2024

2024



N

0 1,500 3,000

1 inch = 3,000 feet

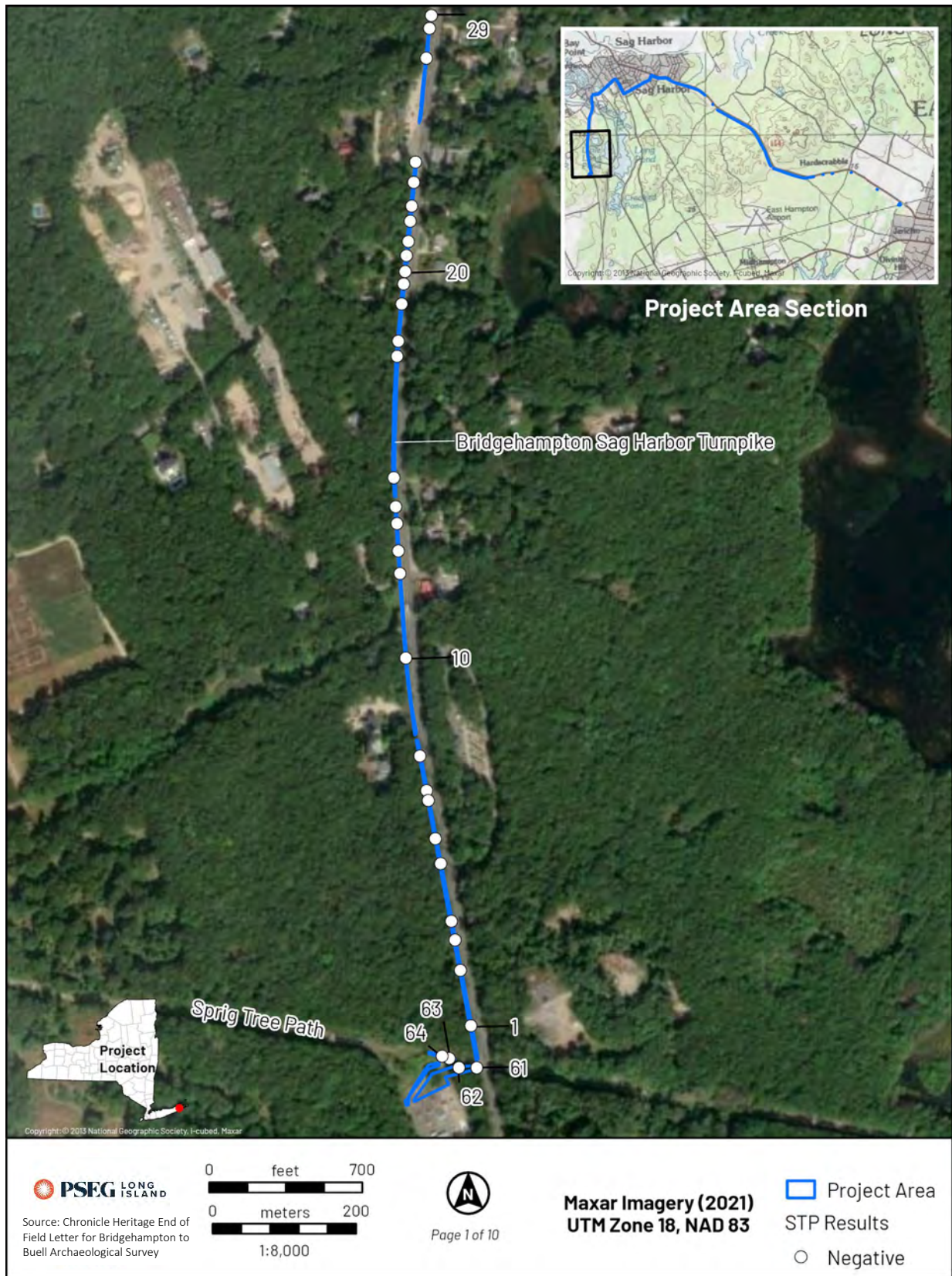


Figure 12-1 - Results of Phase 1B survey on a satellite image (USGS).

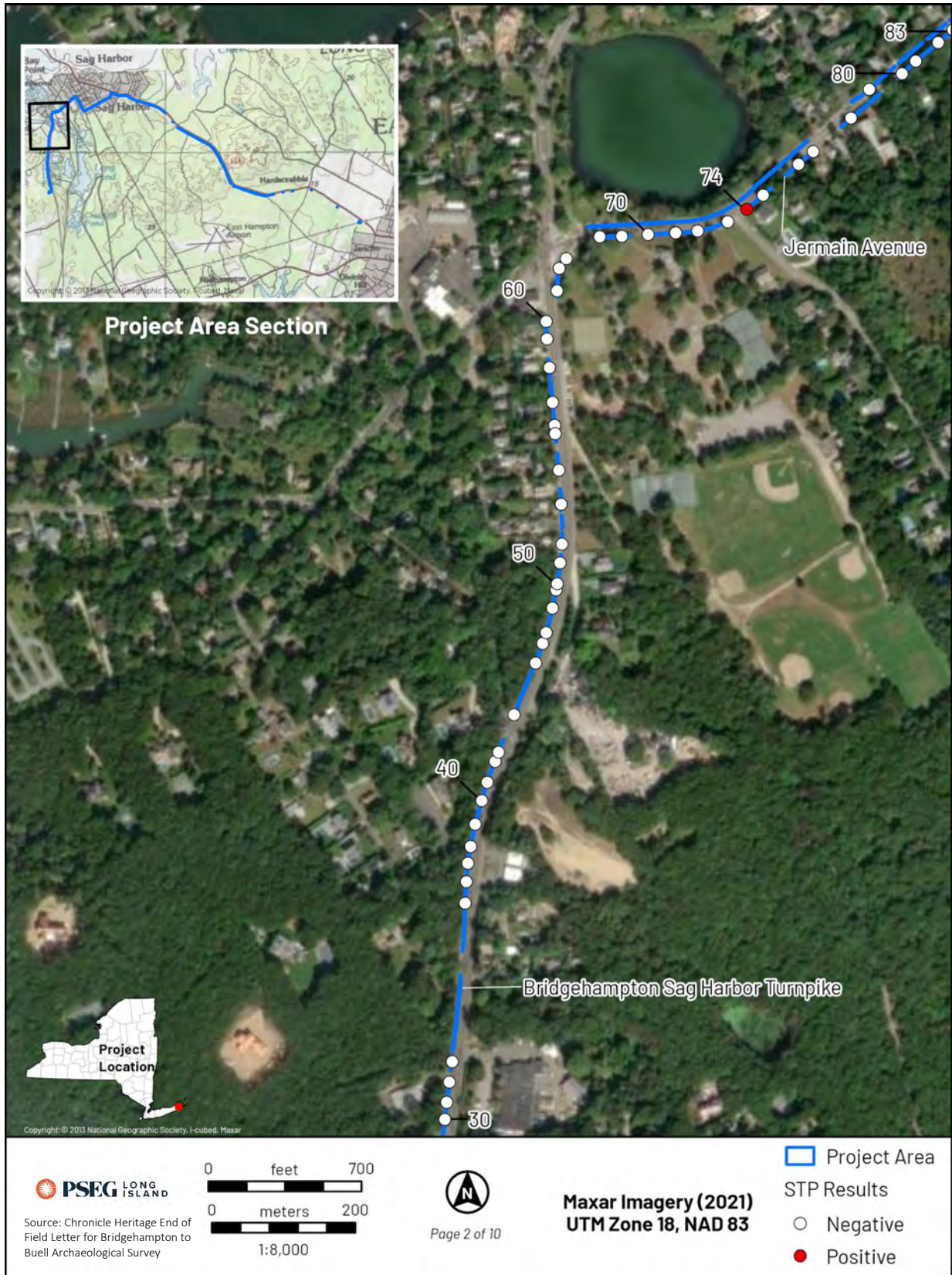


Figure 12-2 - Results of Phase 1B survey on a satellite image (USGS).

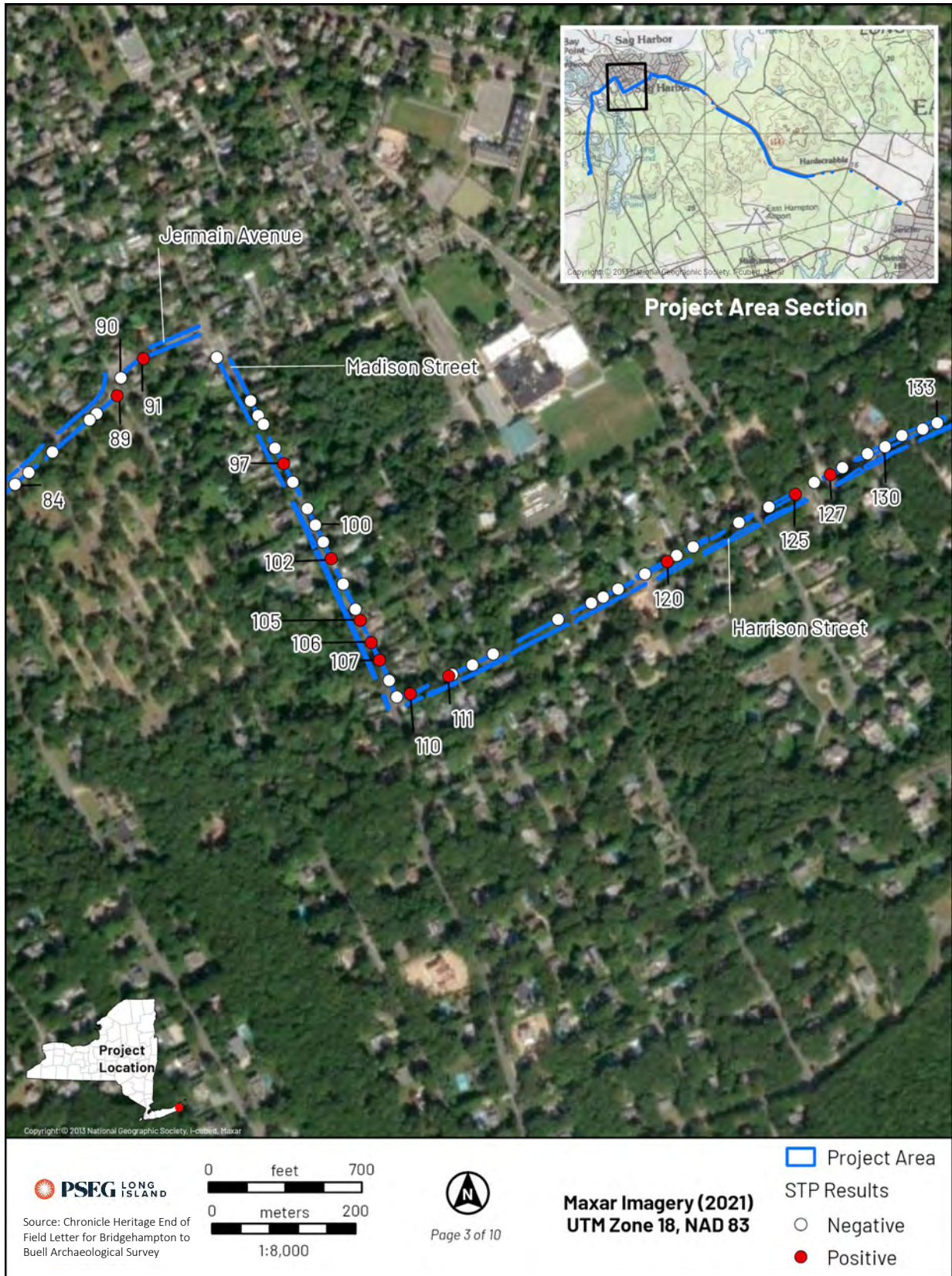


Figure 12-3 - Results of Phase 1B survey on a satellite image (USGS).

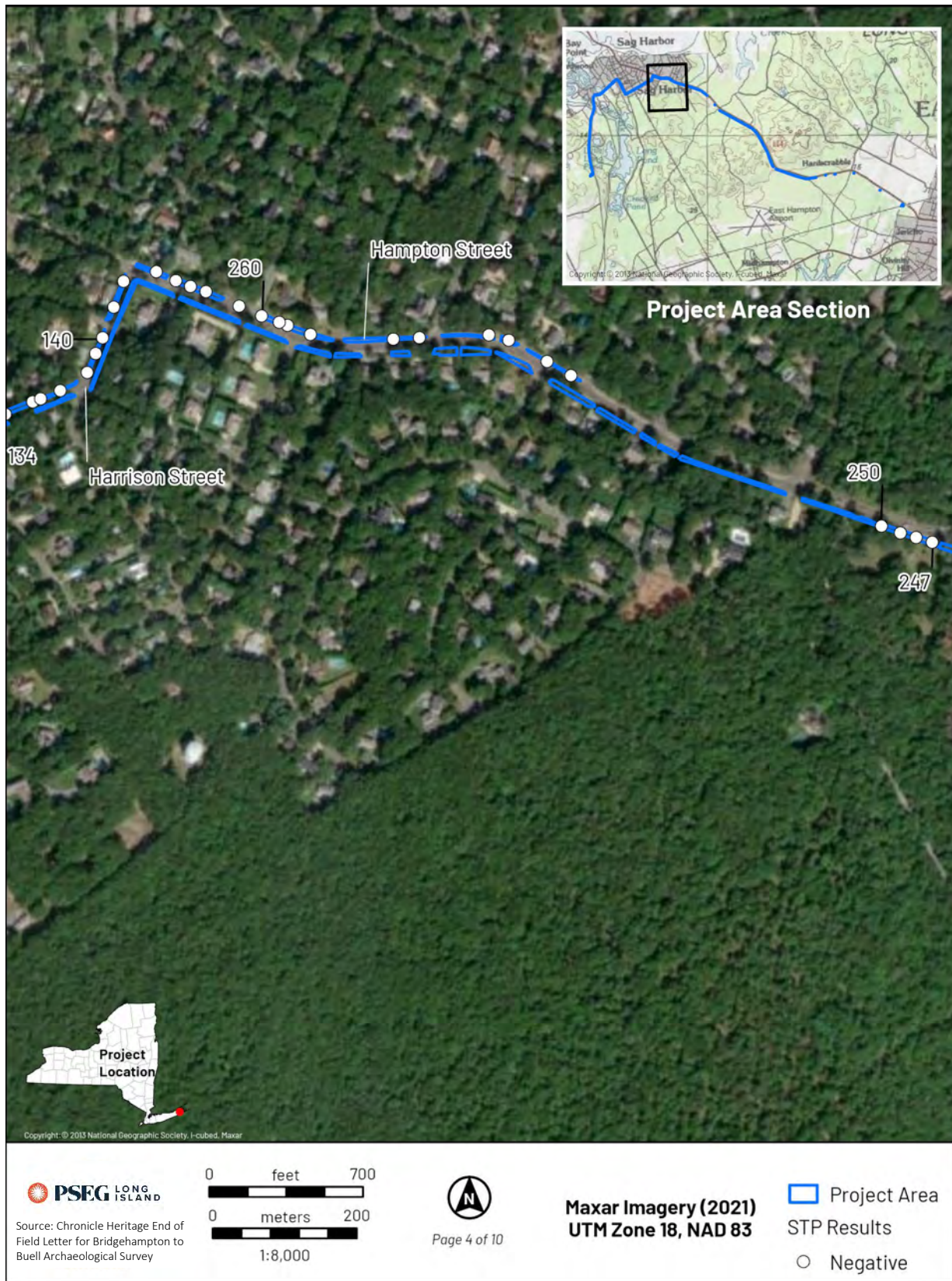


Figure 12-4 - Results of Phase 1B survey on a satellite image (USGS).

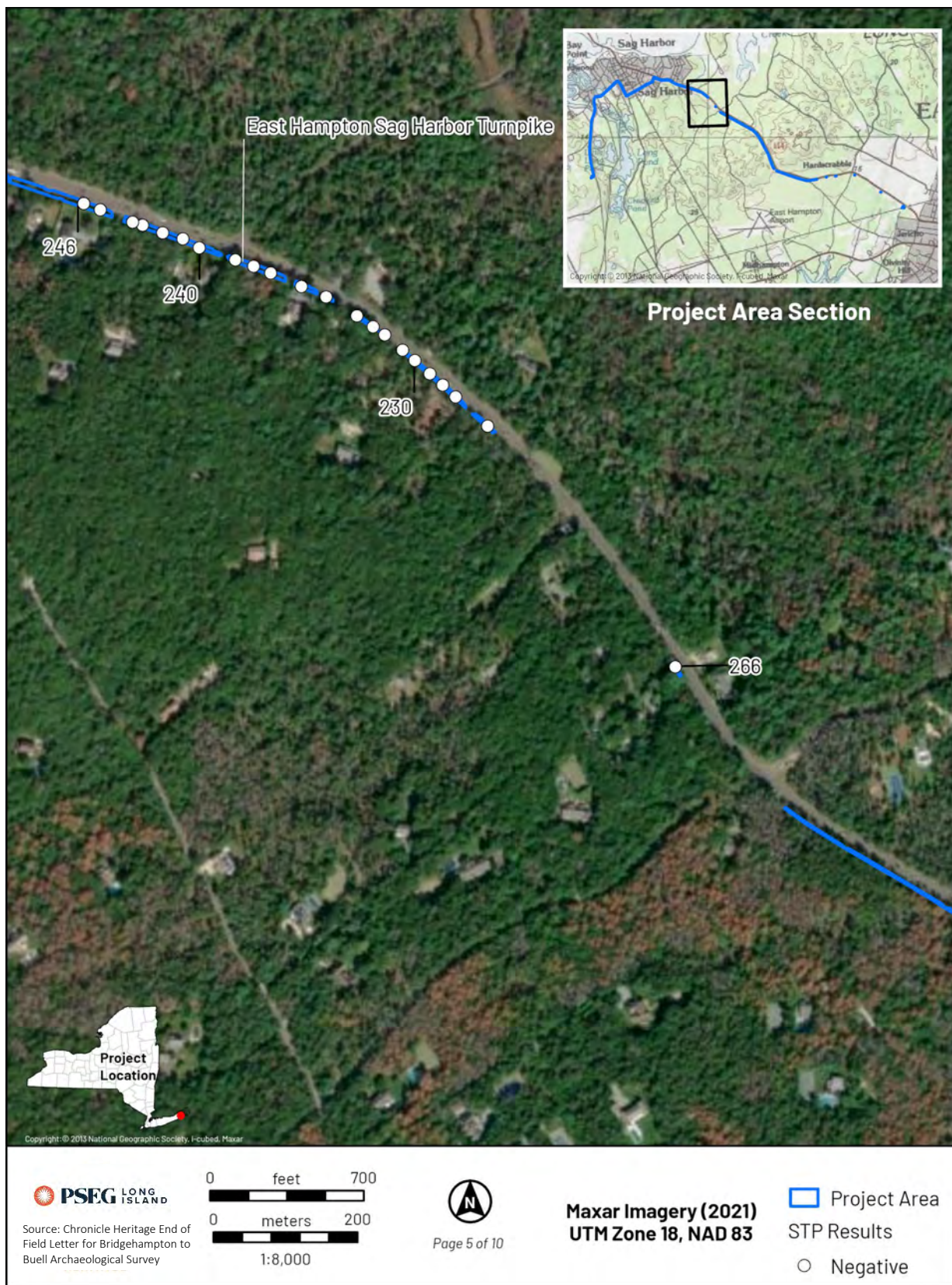


Figure 12-5 - Results of Phase 1B survey on a satellite image (USGS).

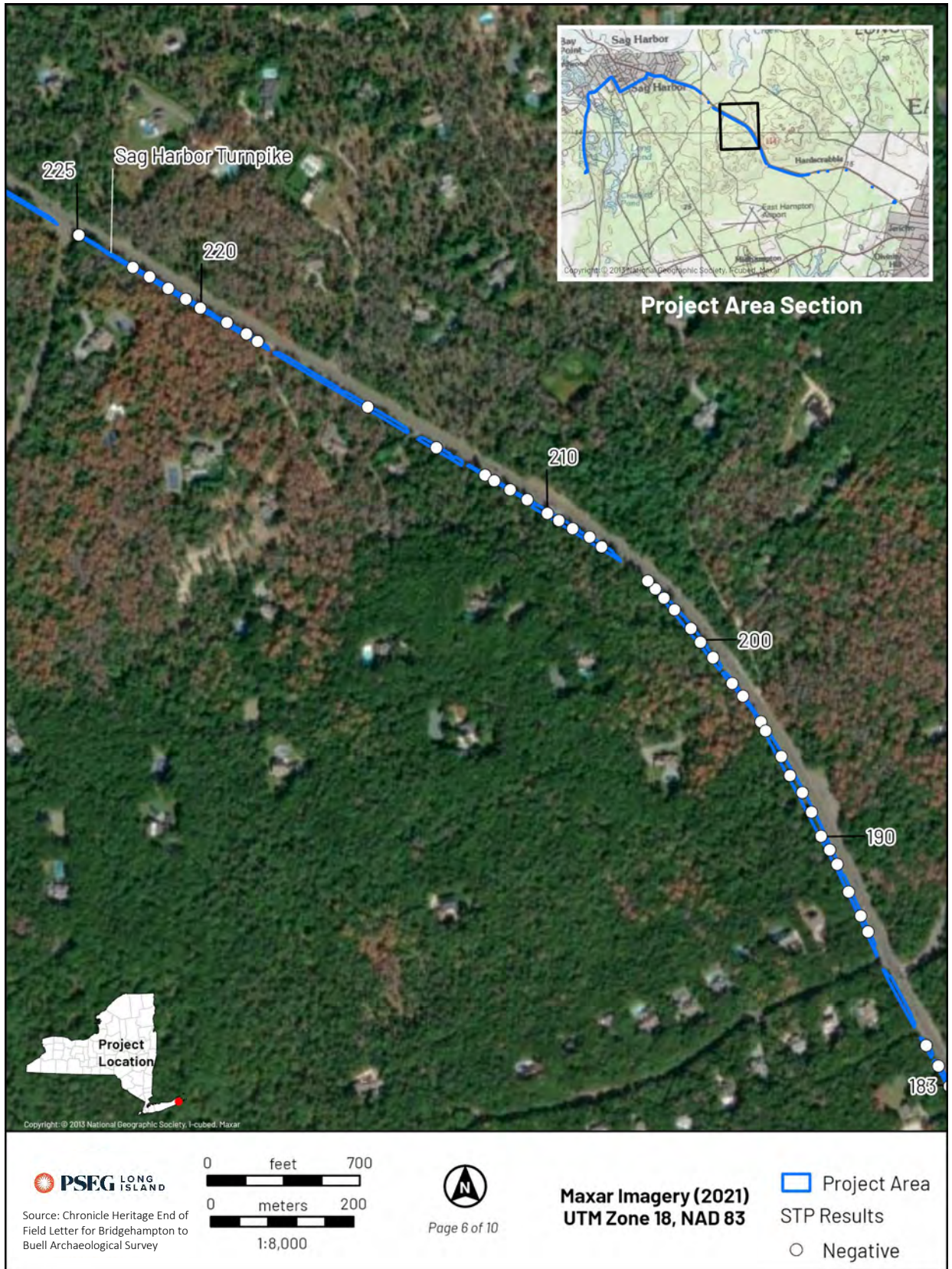


Figure 12-6 - Results of Phase 1B survey on a satellite image (USGS).

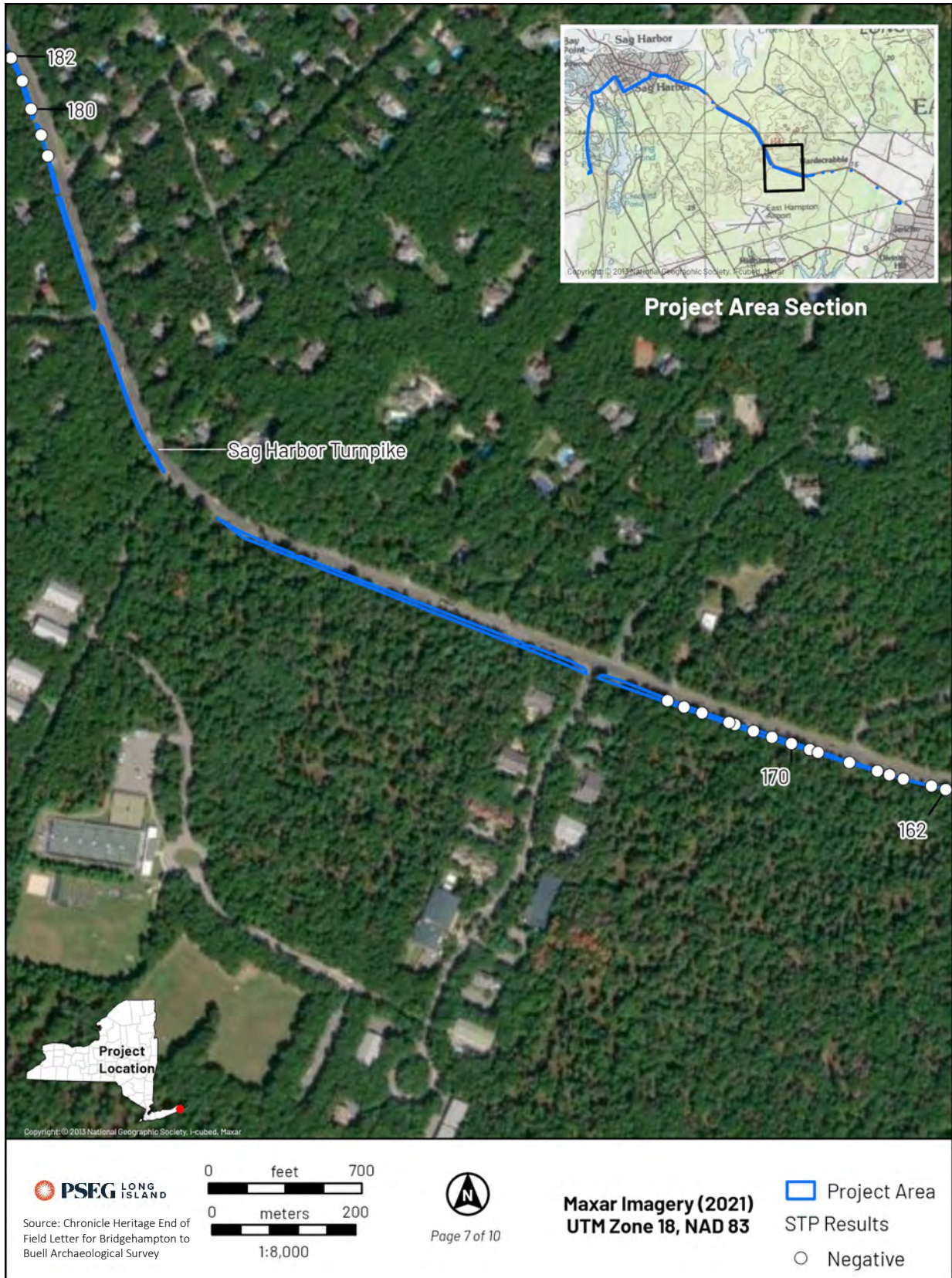


Figure 12-7 - Results of Phase 1B survey on a satellite image (USGS).

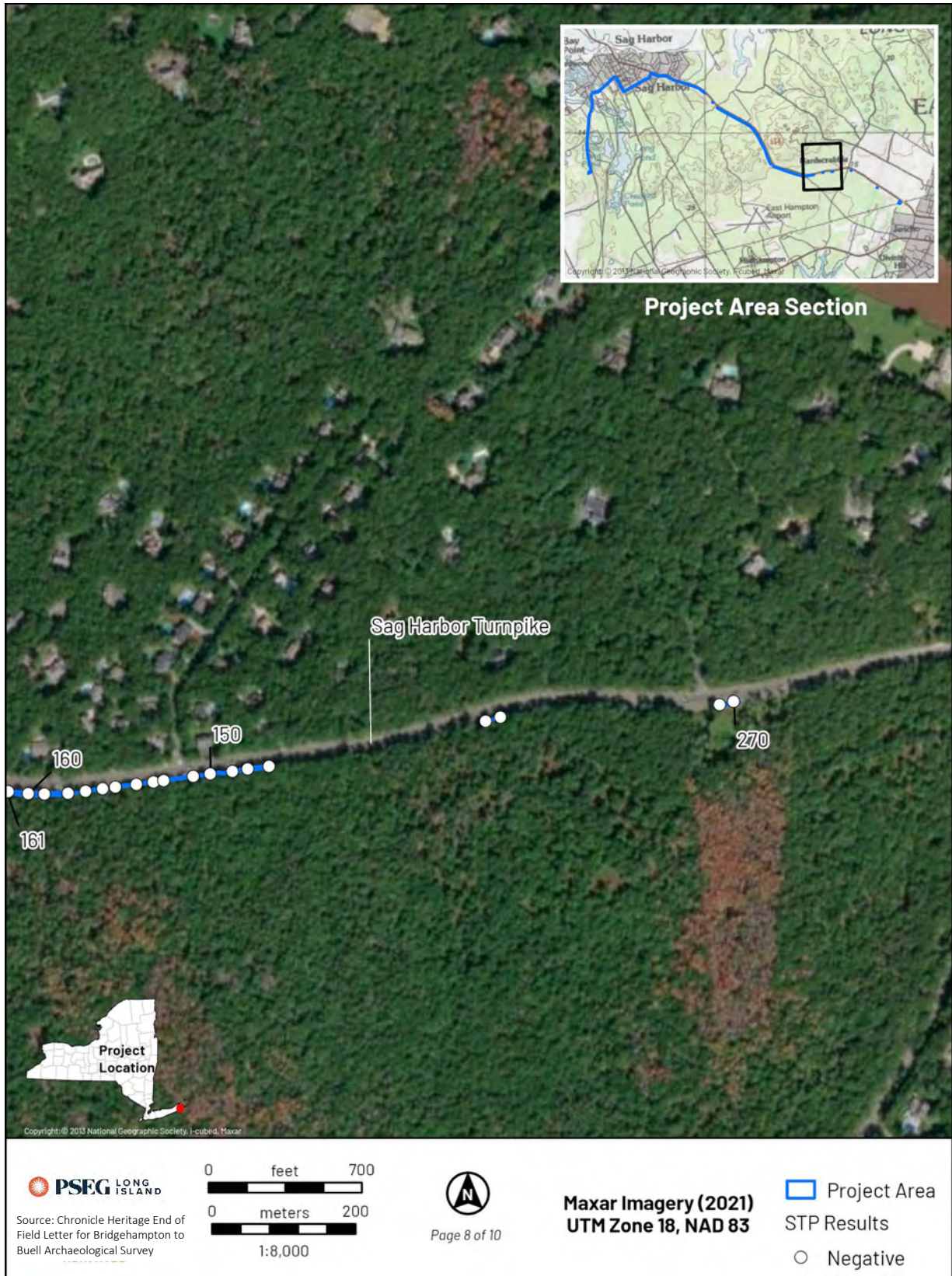


Figure 12-8 - Results of Phase 1B survey on a satellite image (USGS).



Figure 12-9 - Results of Phase 1B survey on a satellite image (USGS).

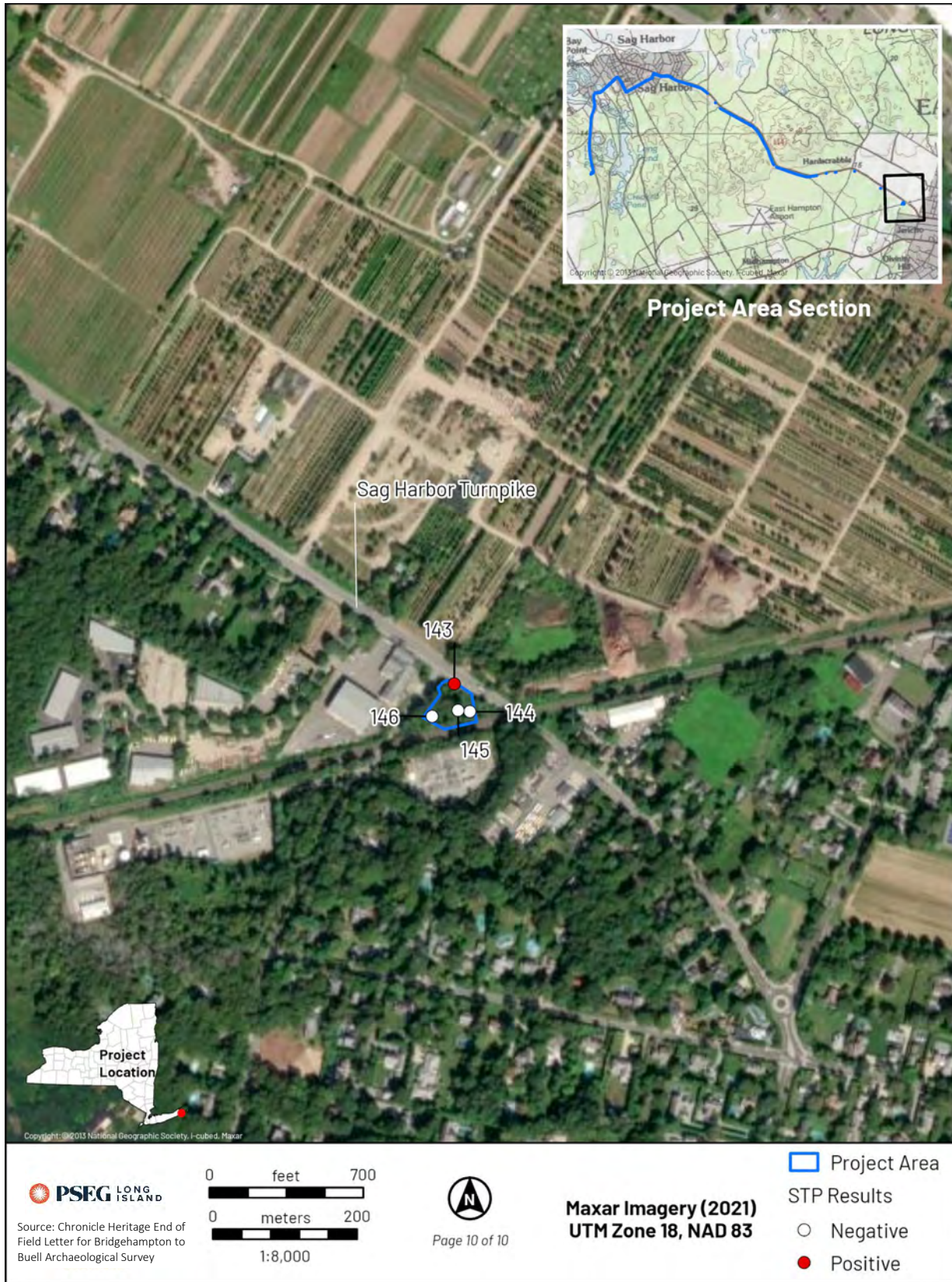


Figure 12-10 - Results of Phase 1B survey on a satellite image (USGS).



FIGURE 13
RECREATION AND OPEN SPACE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024

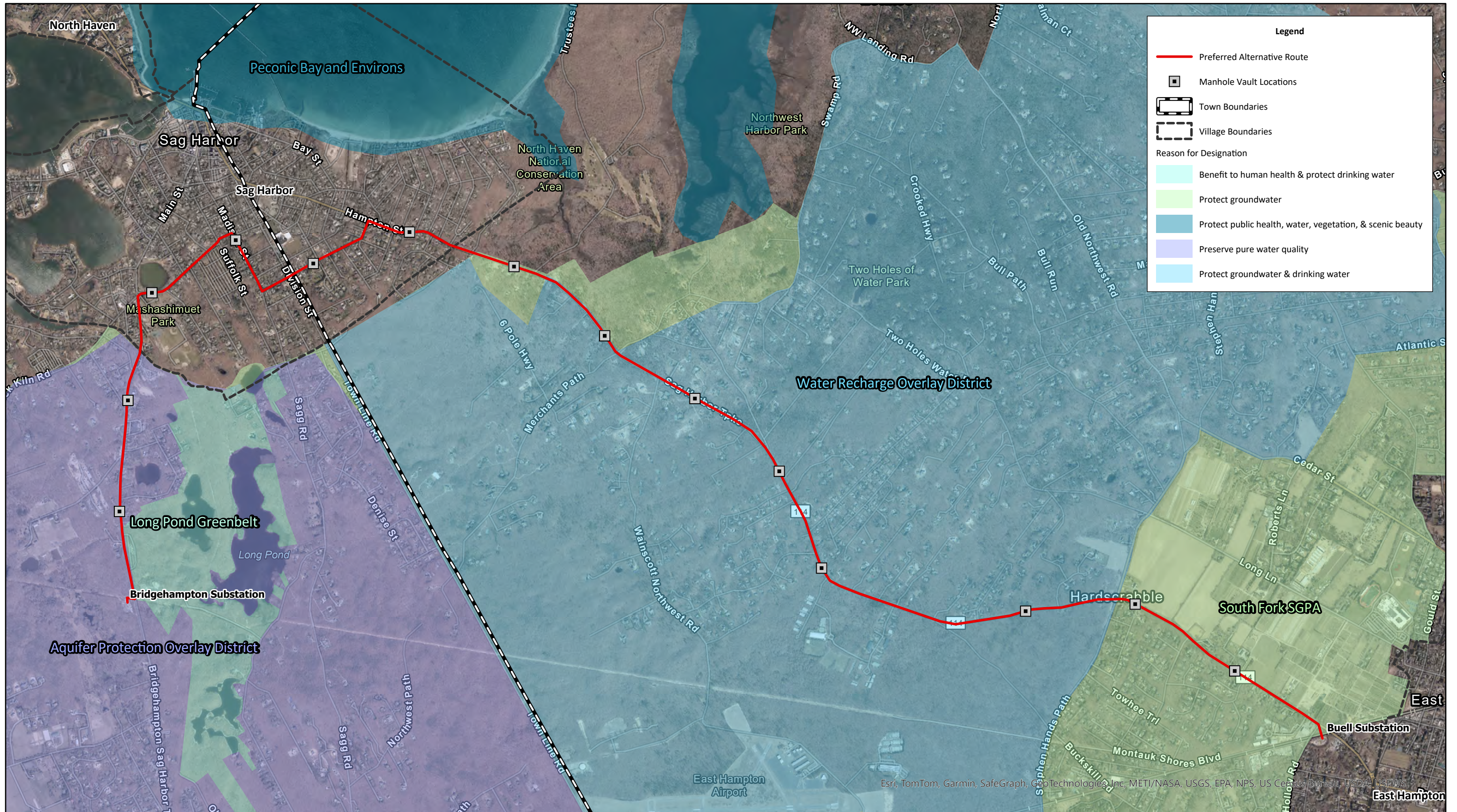
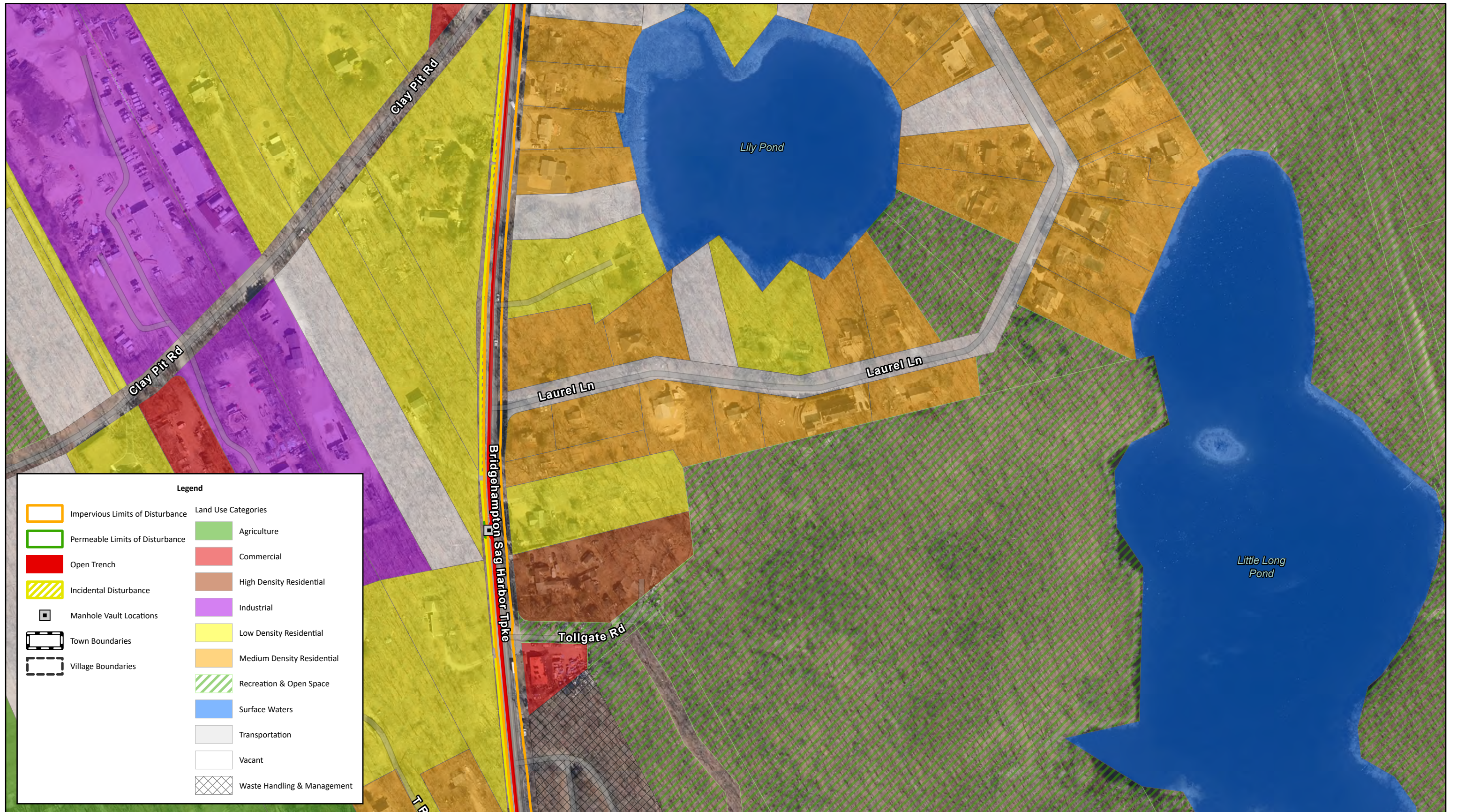


FIGURE 14
CRITICAL ENVIRONMENTAL AREA MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; NYSDEC, 2016; Suffolk County GIS, 2016; NYSDEC, 2024



FIGURE 15-1
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



Legend

	Impervious Limits of Disturbance	Land Use Categories	
	Permeable Limits of Disturbance		Agriculture
	Open Trench		Commercial
	Incidental Disturbance		High Density Residential
	Manhole Vault Locations		Industrial
	Town Boundaries		Low Density Residential
	Village Boundaries		Medium Density Residential
			Recreation & Open Space
			Surface Waters
			Transportation
			Vacant
			Waste Handling & Management

FIGURE 15-2
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c

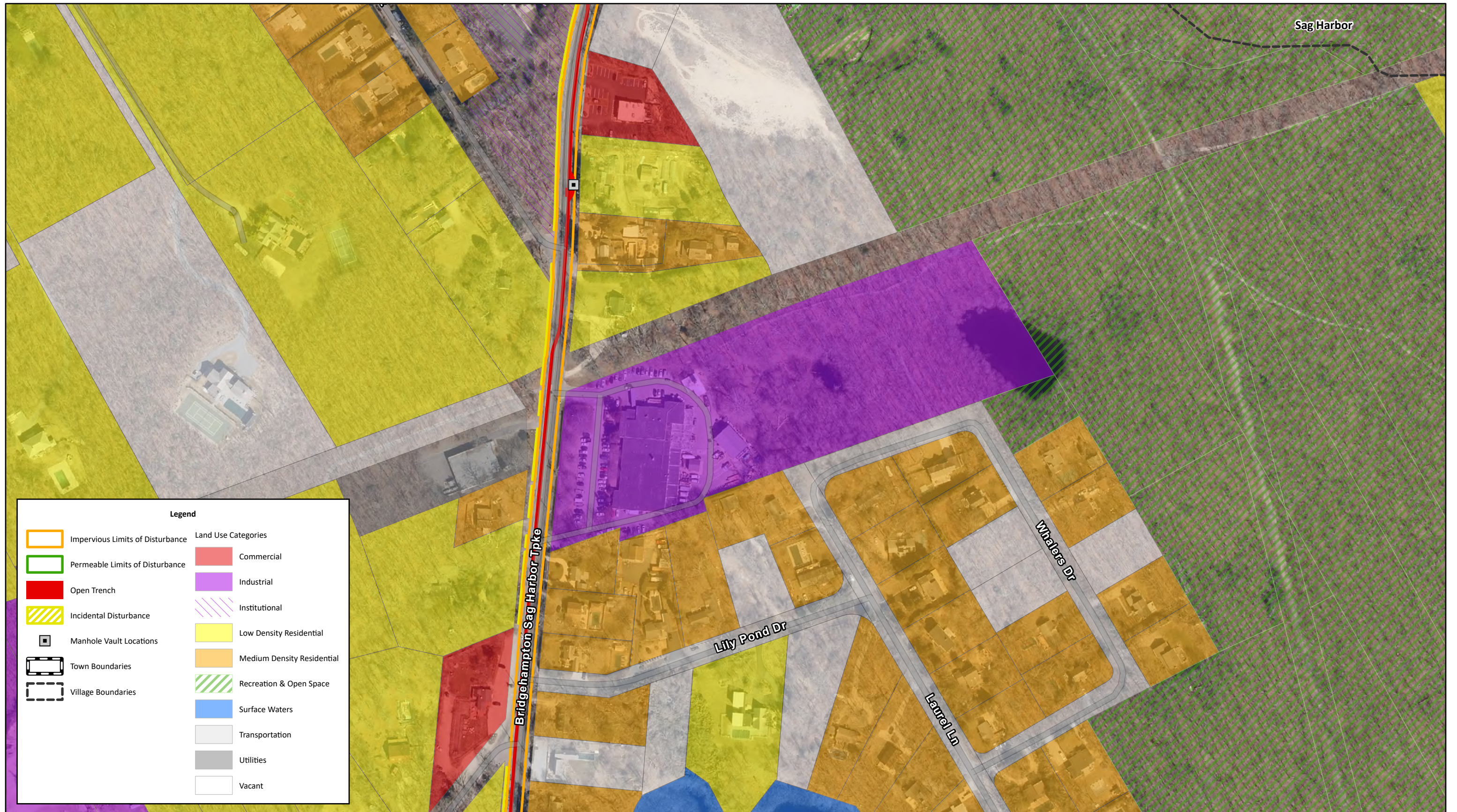


FIGURE 15-3
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



FIGURE 15-4
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



Legend

Impervious Limits of Disturbance	Land Use Categories
Permeable Limits of Disturbance	Commercial
Open Trench	High Density Residential
Incidental Disturbance	Institutional
Manhole Vault Locations	Low Density Residential
Town Boundaries	Medium Density Residential
Village Boundaries	Recreation & Open Space
	Surface Waters
	Transportation
	Utilities
	Vacant

FIGURE 15-5
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



FIGURE 15-6
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



FIGURE 15-7
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c

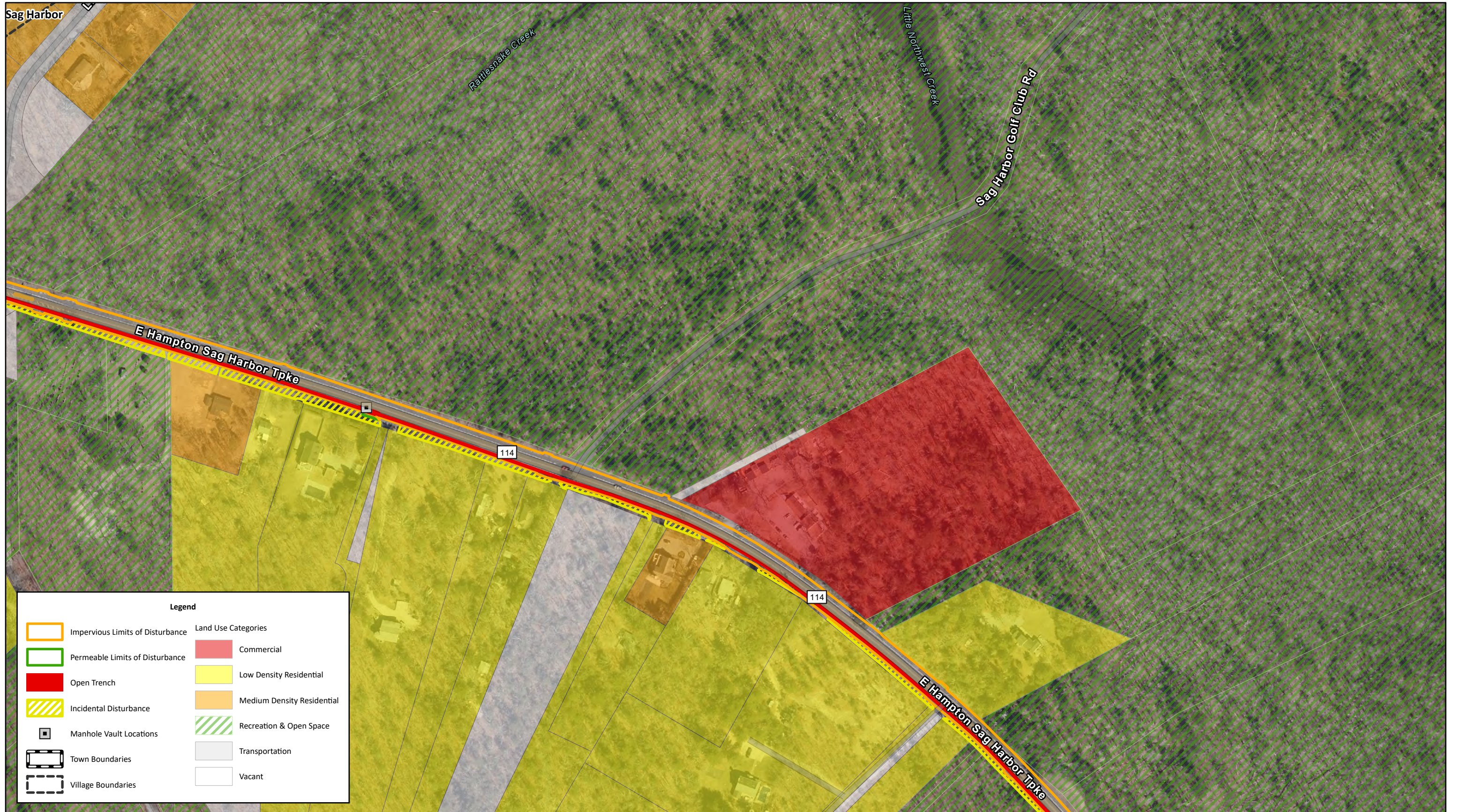


FIGURE 15-8
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



Legend

Impervious Limits of Disturbance	Land Use Categories
Permeable Limits of Disturbance	Low Density Residential
Open Trench	Medium Density Residential
Incidental Disturbance	Recreation & Open Space
Manhole Vault Locations	Transportation
Town Boundaries	Vacant
Village Boundaries	

FIGURE 15-9
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



Legend

Impervious Limits of Disturbance	Land Use Categories
Open Trench	Low Density Residential
Incidental Disturbance	Recreation & Open Space
Manhole Vault Locations	Transportation
Town Boundaries	Vacant
Village Boundaries	

FIGURE 15-10
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



Legend

Impervious Limits of Disturbance	Land Use Categories
Permeable Limits of Disturbance	Institutional
Open Trench	Low Density Residential
Incidental Disturbance	Medium Density Residential
Manhole Vault Locations	Recreation & Open Space
Town Boundaries	Transportation
Village Boundaries	Vacant

FIGURE 15-11
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



Legend

Impervious Limits of Disturbance	Land Use Categories
Open Trench	Industrial
Incidental Disturbance	Institutional
Manhole Vault Locations	Low Density Residential
Town Boundaries	Medium Density Residential
Village Boundaries	Recreation & Open Space
	Transportation
	Utilities
	Vacant

FIGURE 15-12
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c





Legend

Impervious Limits of Disturbance	Land Use Categories
Permeable Limits of Disturbance	Agriculture
Open Trench	Low Density Residential
Incidental Disturbance	Medium Density Residential
Manhole Vault Locations	Recreation & Open Space
Town Boundaries	Transportation
Village Boundaries	Vacant

FIGURE 15-14
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



FIGURE 15-15
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



FIGURE 15-16
SUFFOLK COUNTY LAND USE MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE
 Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2016c



FIGURE 16
COASTAL ZONE AREA MAP
BRIDGEHAMPTON TO BUELL NEW 69KV UNDERGROUND TRANSMISSION CABLE

Sources: NYS Orthoimagery, 2023; Suffolk County GIS, 2024; NYSDEC, 2016