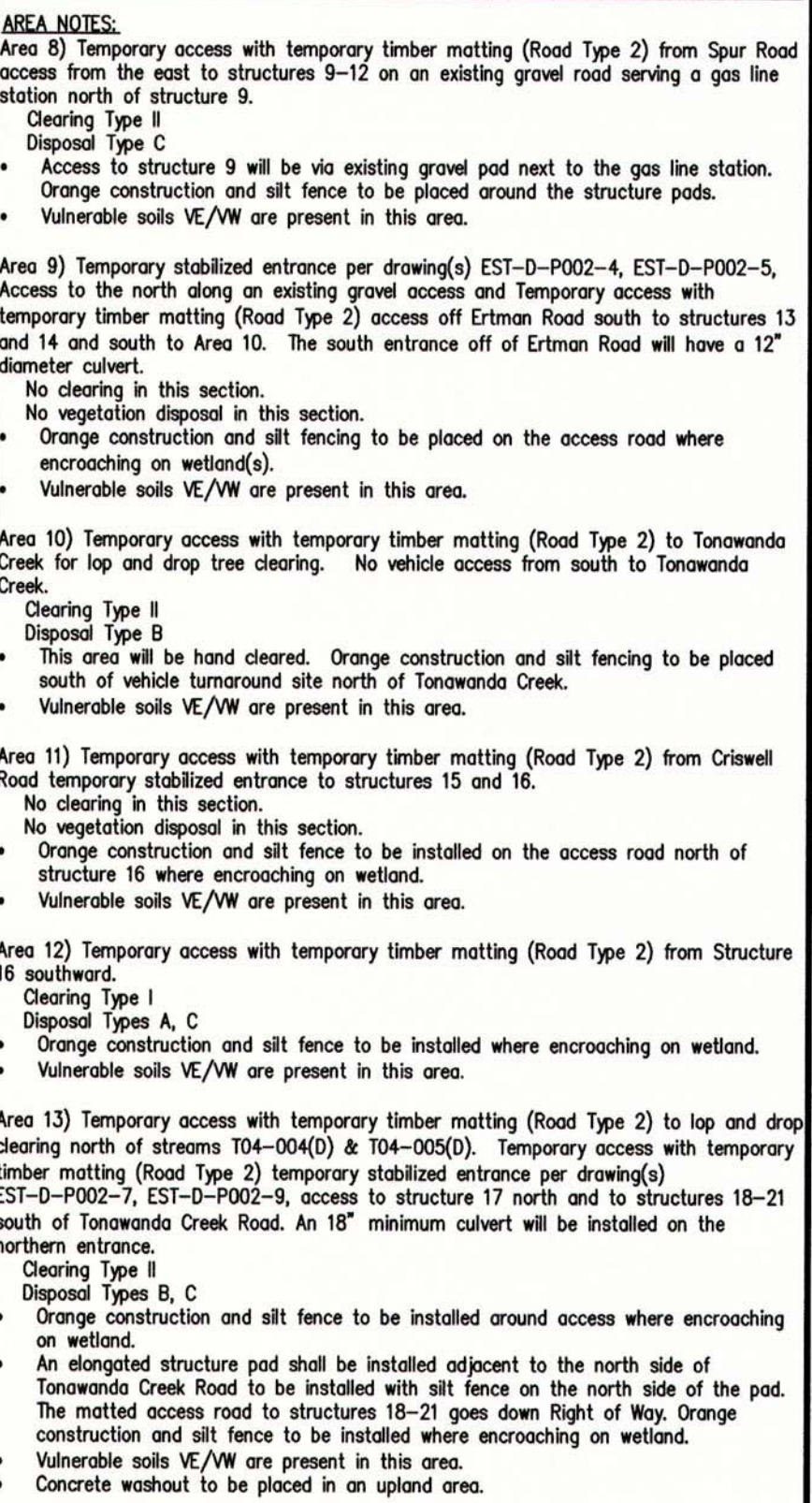
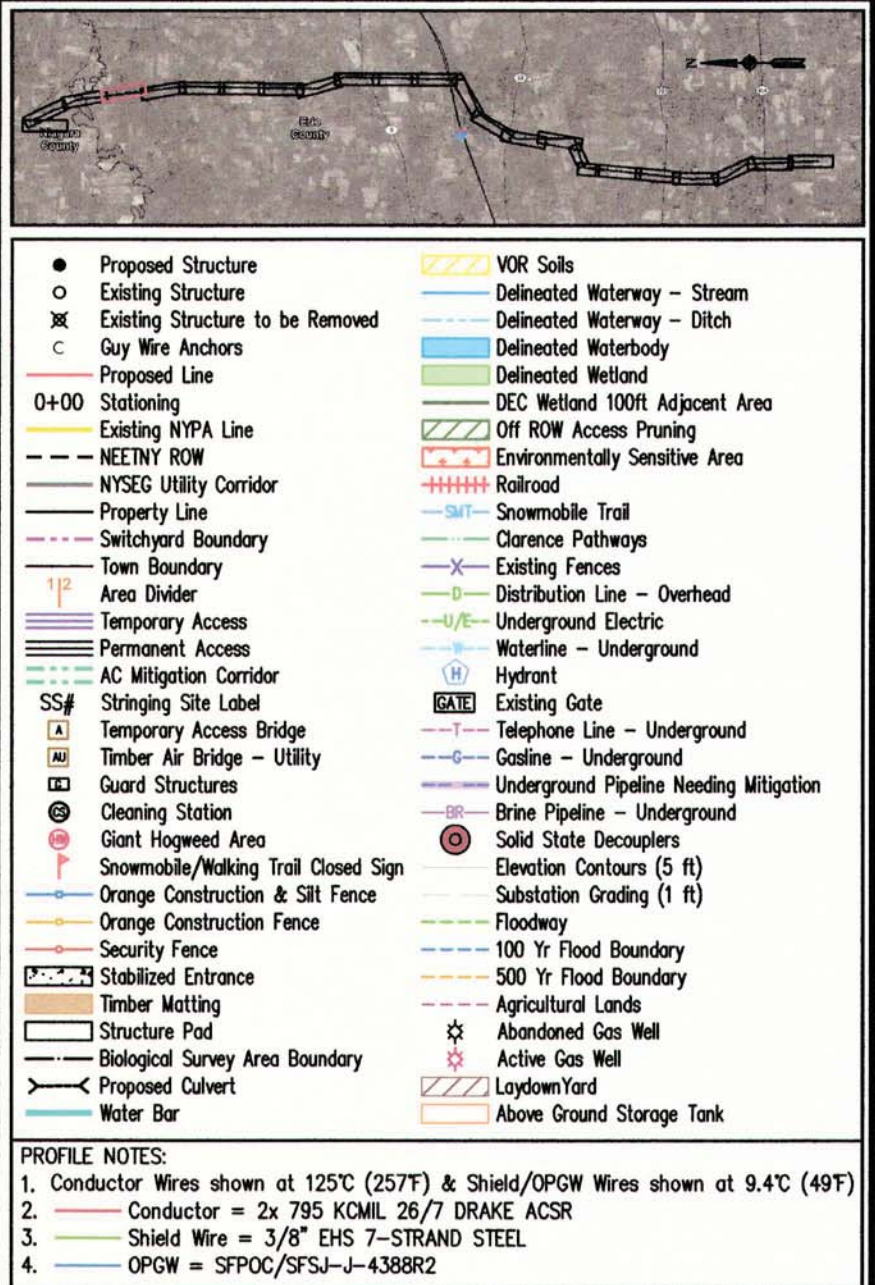
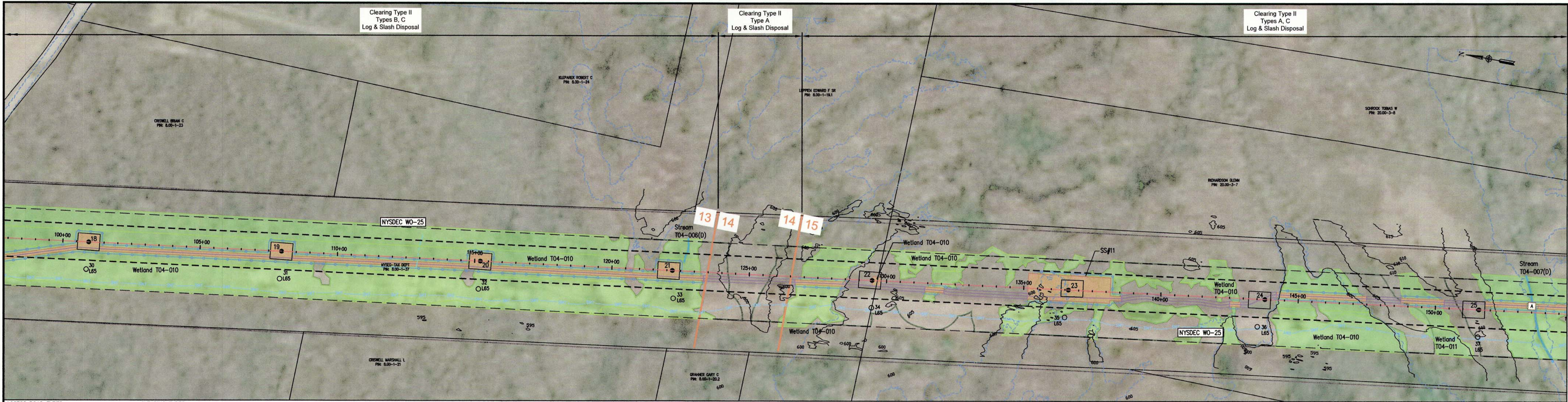


[Submitted under separate cover for confidential treatment, because the page contains confidential information]



Entrance Plan





ACCESS ROAD TYPES		CLEARING TYPES		SLASH AND LOG DISPOSAL TYPES		GENERAL NOTES	
Type	Description	Type	Description	Type	Description	Type	Description
1	Temporary gravel access	I	Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.	A	Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.	1	Clearing Type I will be present throughout the project.
2	Temporary equipment matting and bridges	II	Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones.	B	Vegetation lop and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.	2	All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders.
3	Temporary use of existing access roads	III	Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.	C	Removal of vegetation from the ROW to designated disposal locations.	3	If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.
4	Permanent switchyard access	IV	Selectively removing or pruning.				

REFERENCE DRAWINGS

1. Maintenance & Protection of Traffic Plans can be found in Appendix R.

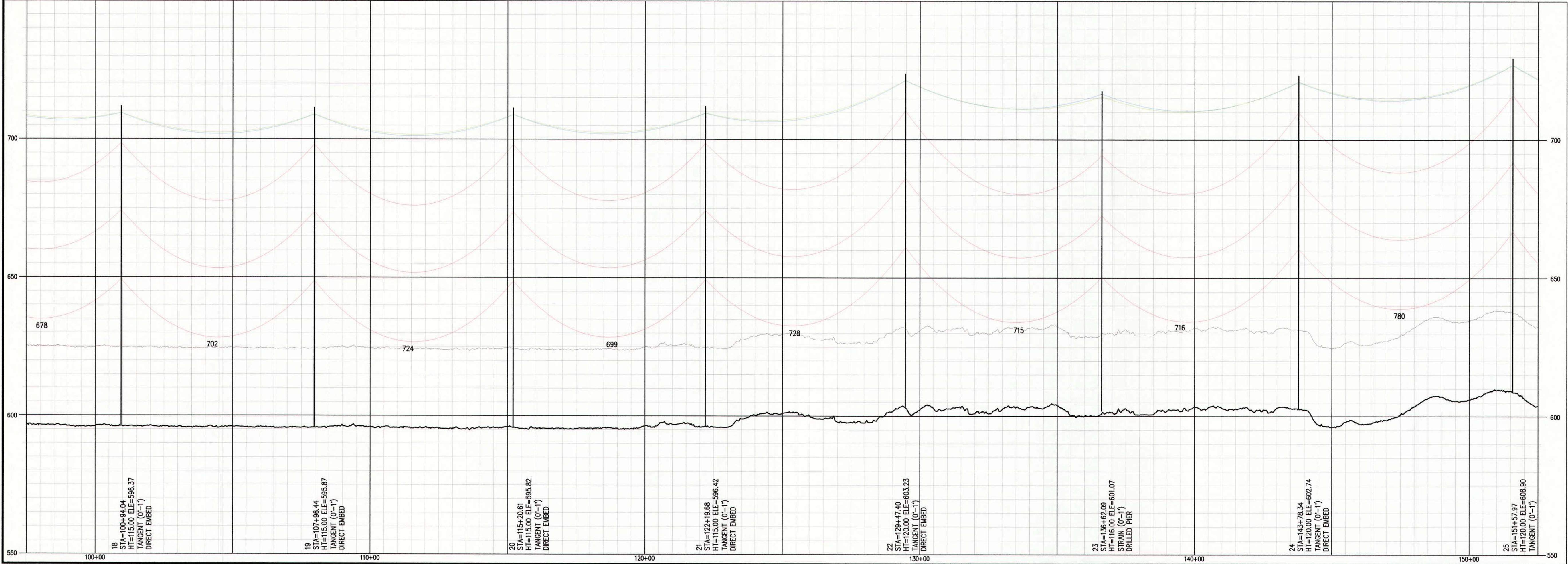
EXISTING FENCES

1. Existing fences to be removed and replaced in kind.

PIPELINE CROSSINGS

1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.

2. Orange construction fence to be installed perpendicular to pipeline crossings.



PROFILE NOTES:

1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)

2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR

3. Shield Wire = 3/8" EHS 7-STRAND STEEL

4. OPGW = SFPOC/SFSJ-J-4388R2

AREA NOTES:

Area 13) Temporary access with temporary timber matting (Road Type 2) to lap and drop clearing north of streams T04-004(D) & T04-005(D). Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-7, EST-D-P002-9, access to structure 17 north and to structures 18-21 south of Tonawanda Creek Road. An 18" minimum culvert will be installed on the northern entrance.

Clearing Type II

Disposal Types B, C

- Orange construction and silt fence to be installed around access where encroaching on wetland.
- An elongated structure pad shall be installed adjacent to the north side of Tonawanda Creek Road to be installed with silt fence on the north side of the pad. The matted access road to structures 18-21 goes down Right of Way. Orange construction and silt fence to be installed where encroaching on wetland.
- Vulnerable soils VE/VW are present in this area.
- Concrete washout to be placed in an upland area.

Area 14) Temporary access with temporary timber matting (Road Type 1) from structure 21 to 22 where wetlands are delineated. Otherwise temporary gravel access (Road Type 1).

Clearing Type II

Disposal Type A

- Orange construction and silt fence to be installed where access roads and structure pads encroach wetlands.
- Vulnerable soils VE/VW are present in this area.

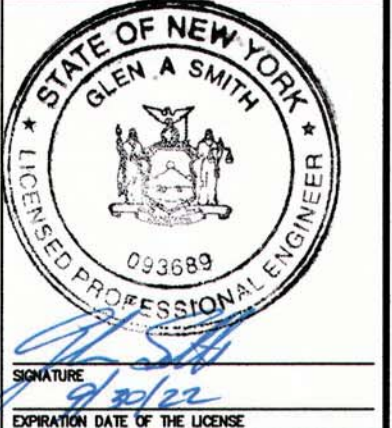
Area 15) Temporary access with temporary timber matting (Road Type 2) from structure 22-27 where wetlands are delineated. Otherwise temporary gravel access (Road Type 1).

Clearing Type II - Clearing is not permitted from April 1 thru October 31.

Disposal Types A, C

- An existing access from Moore road to between structures 26 and 27 will be used. See entrance plan per drawing(s) EST-D-P002-10. Orange construction and silt fence to be installed around structure pads and along access road when encroaching wetlands. Small wetland within structure 22 pad to be protected with timber matting. Temporary access bridge per drawing(s) EST-D-T010-2 across Stream T04-007(D).
- Vulnerable soils VE/VW are present in this area.

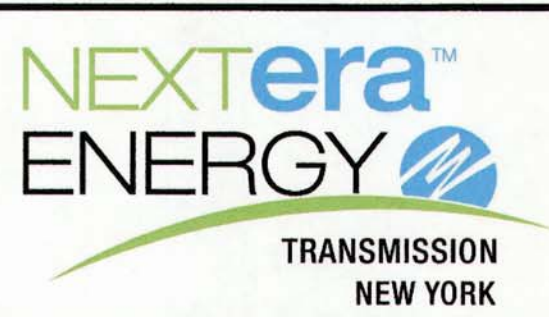
- NOTES:**
1. Profile drawings prepared under Kunth Parikh & Plan drawings prepared under Glen Smith - Licensed Professional Engineers in the state of New York.
2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.



FILE LOCATION: L:\NEXTERA\NEXT-159 EMPIRE STATE LINE\PLAN & PROFILES\EST-D-T009.DWG LAST SAVED BY: mlburtell 9/15/2020 9:58 AM PLOTTED BY: Michelle L. Burtell 9/15/2020 10:09 AM Tab:3



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I	ISSUED FOR REVIEW	06/22/20	MAH	RSD
H	PRELIMINARY	05/12/20	MAH	RSD
G	PRELIMINARY	04/24/20	MAH	RSD
NO	REVISION	DATE	BY	APR



ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
APPROVED		
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'	

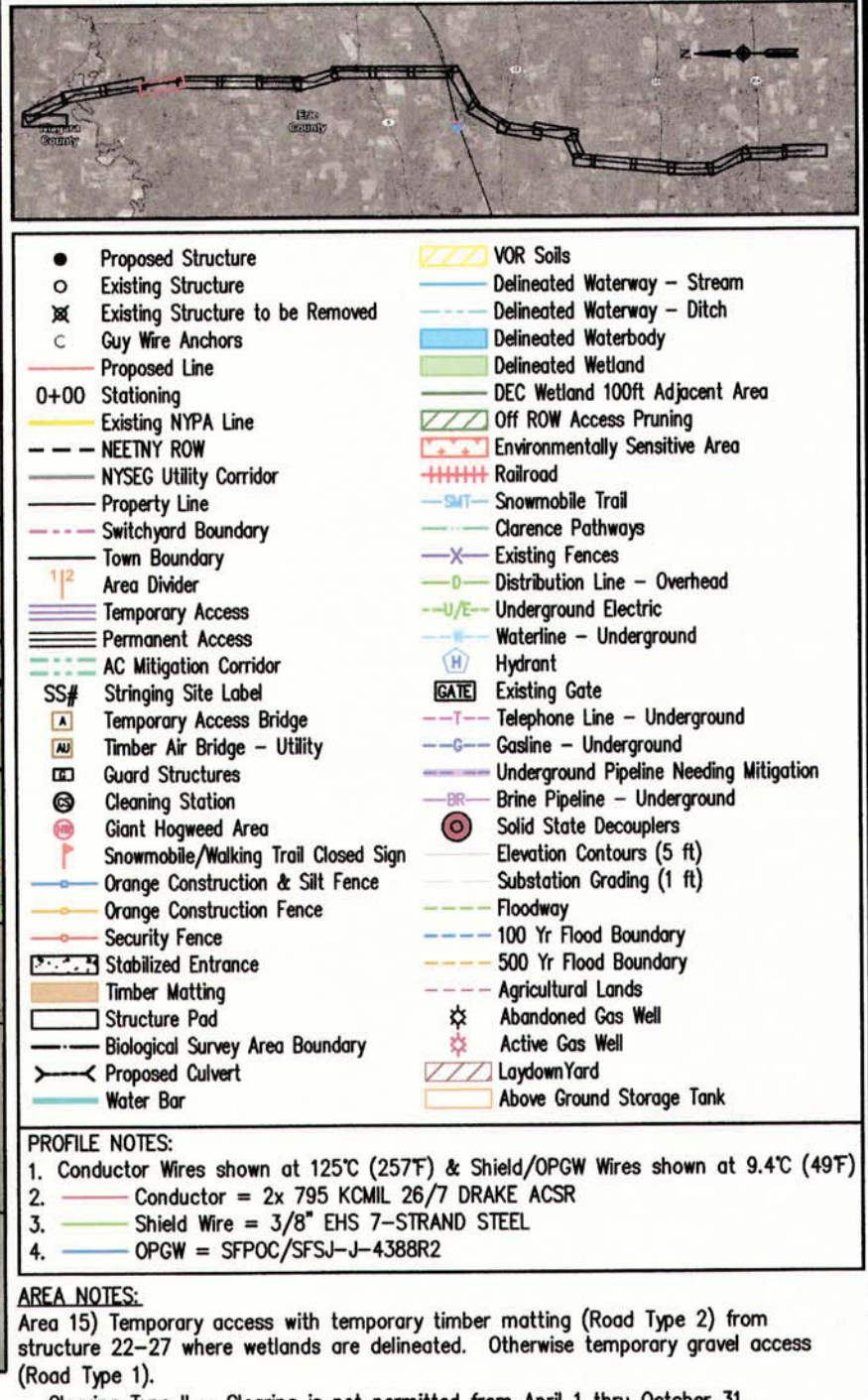
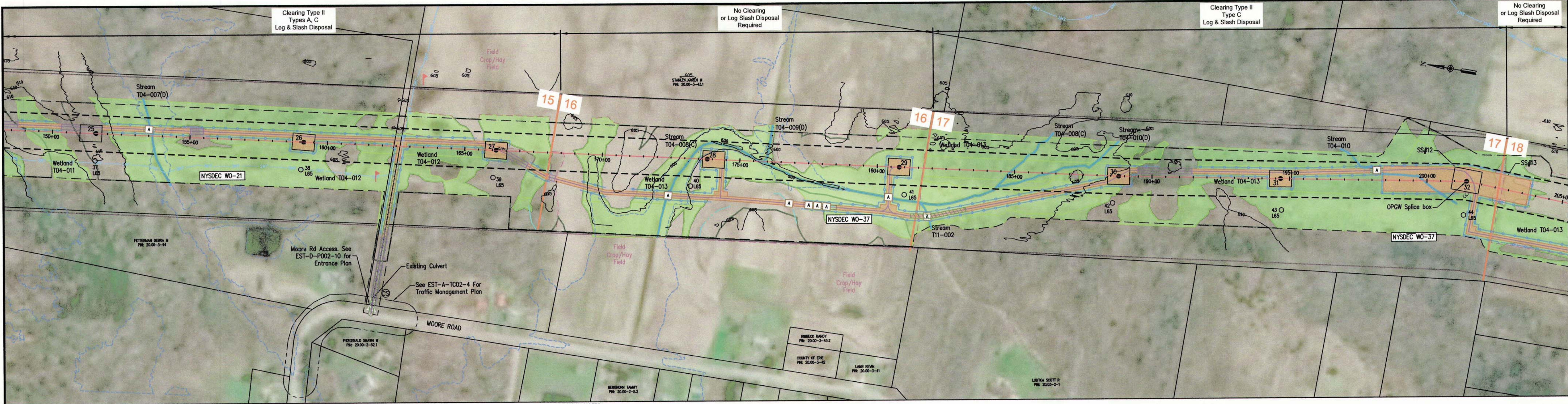
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PLAN AND PROFILE

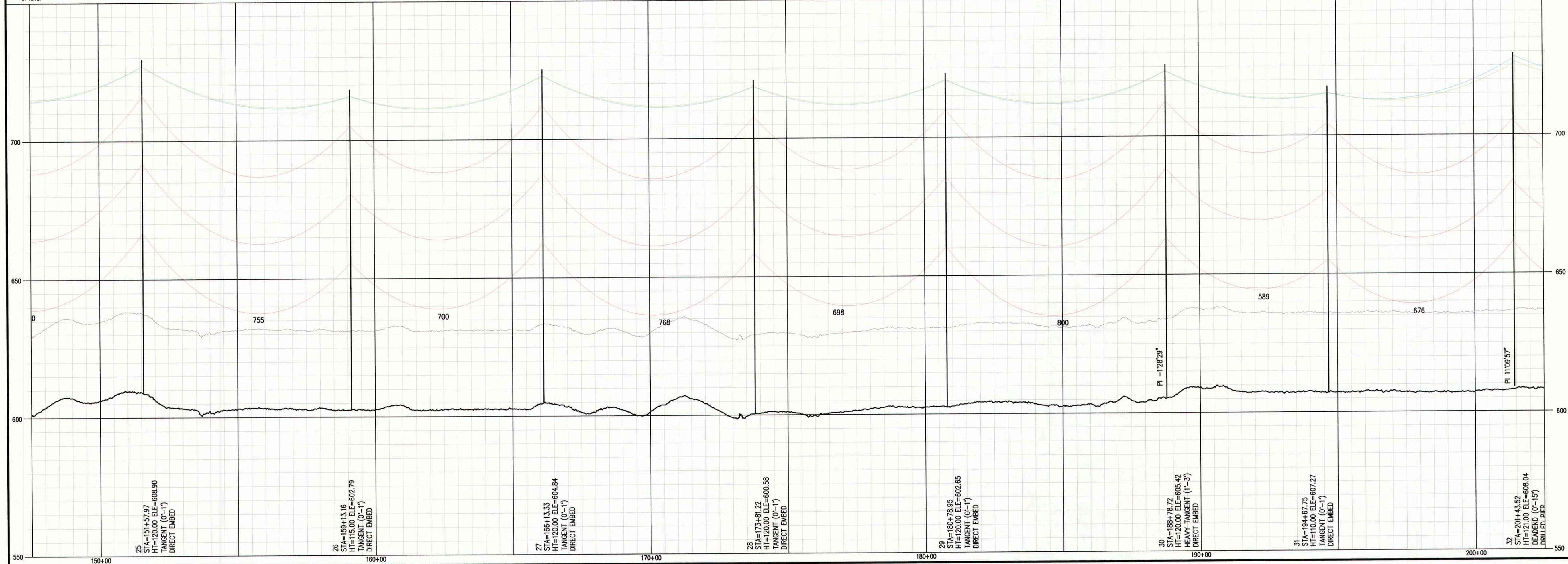
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EST-D-T009-3

REVISION NO : K



ACCESS ROAD TYPES	CLEARING TYPES	SLASH AND LOG DISPOSAL TYPES	GENERAL NOTES
Type Description 1 Temporary gravel access 2 Temporary equipment matting and bridges 3 Temporary use of existing access roads 4 Permanent switchyard access	Type Description I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities. II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones. Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life. III Selectively removing or pruning.	Type Description A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches. B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands. C Removal of vegetation from the ROW to designated disposal locations.	1. Clearing Type I will be present throughout the project. 2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSED quarantine orders. 3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction. PIPELINE CROSSINGS 1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction. 2. Orange construction fence to be installed perpendicular to pipeline crossings.



Area 15) Temporary access with temporary timber matting (Road Type 2) from structure 22-27 where wetlands are delineated. Otherwise temporary gravel access (Road Type 1).

Clearing Type II - Clearing is not permitted from April 1 thru October 31.

Disposal Types A, C

- An existing access from Moore road to between structures 26 and 27 will be used. See permanent stabilized entrance plan per drawing(s) EST-D-P002-10, Orange construction and silt fence to be installed around structure pads and along access road when encroaching wetlands. Small wetland within structure 22 pad to be protected with timber matting. Temporary access bridge per drawing(s) EST-D-T010-2 across Stream T04-007(D).
- Vulnerable soils VE/VW are present in this area.

Area 16) Temporary access with temporary timber matting (Road Type 2) from structure 27 to structure 30 with spurs to structures 28 and 29.

No clearing in this section.

- No vegetation disposal in this section.
- Orange construction and silt fence to be placed where access or structure pad encroaches wetland. Temporary access bridges per drawing(s) EST-D-T010-2 across waterways.
- Vulnerable soils VE/VW are present in this area.

Area 17) Temporary access with temporary timber matting (Road Type 2) from structure 30-32 where encroaching on wetlands, otherwise temporary gravel access (Road Type 1).

Clearing Type II - Clearing is not permitted from April 1 thru October 31.

Disposal Type C

- Temporary access bridges per drawing(s) EST-D-T010-2 across Stream T04-008(C) and Stream T11-002. Orange construction and silt fence to be installed where access, structure pads and stringing sites encroach on wetlands.
- Vulnerable soils VE/VW are present in this area.
- Concrete washout to be placed in an upland area.

Area 18) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P-002-10, EST-D-P-002-11, EST-D-P002-12, EST-D-P002-13, from Rapids Road north to structures 33-34, south to structure 35, and spurs from Downey Road to structures 36-37. An 18" diameter culvert will be installed at each entrance.

No clearing in this section.

No vegetation disposal in this section.

- Temporary access bridge per drawing(s) EST-D-T010-2 across Stream T04-11.
- Orange construction and silt fence to be installed where access and structure pad encroach on wetlands and on west side of structure 36.
- Vulnerable soils VE/VW are present in this area.

NOTES:

- Profile drawings prepared under Kunthal Parikh & Plan drawings prepared under Glen Smith - Licensed Professional Engineers in the state of New York.
- Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

STATE OF NEW YORK
KUNTHAL PARIKH
007779
LICENSED PROFESSIONAL ENGINEER

STATE OF NEW YORK
GLEN A. SMITH
093689
LICENSED PROFESSIONAL ENGINEER

SIGNATURE: 9/30/2022
EXPIRATION DATE OF THE LICENSE

FILE LOCATION: L:\NEXTERA\NEXT-159 EMPIRE STATE LINE\PLAN & PROFILES\EST-D-T009.DWG LAST SAVED BY: mburtell 9/15/2020 9:58 AM PLOTTED BY: Michelle L. Burtell 9/15/2020 10:09 AM Tab: 4

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ECI ENGINEERING SERVICES, P.C.

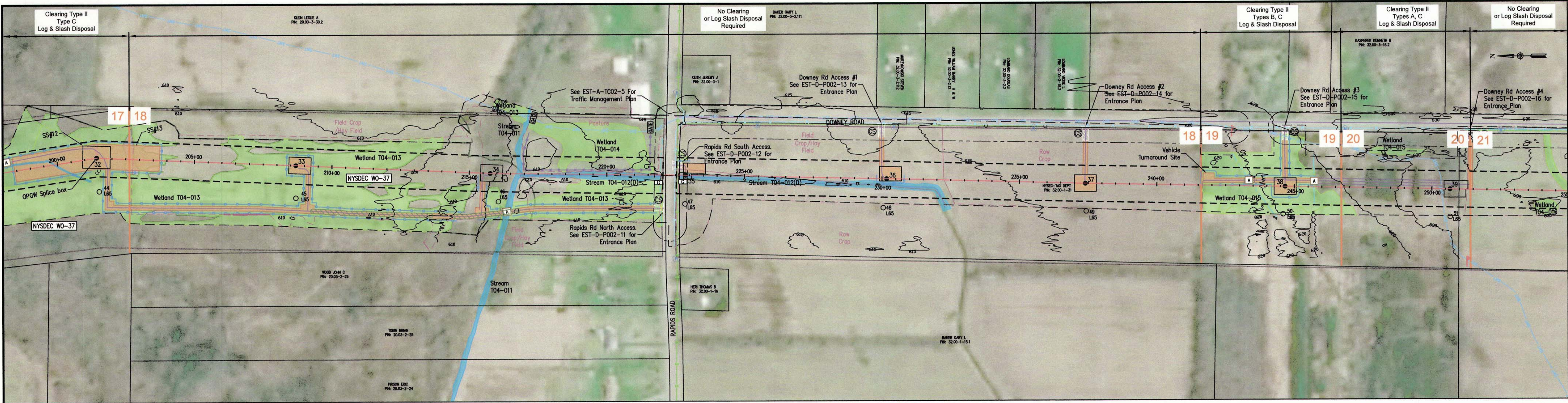
ecology and environment, inc.
Global Environmental Specialists

Sargent & Lundy

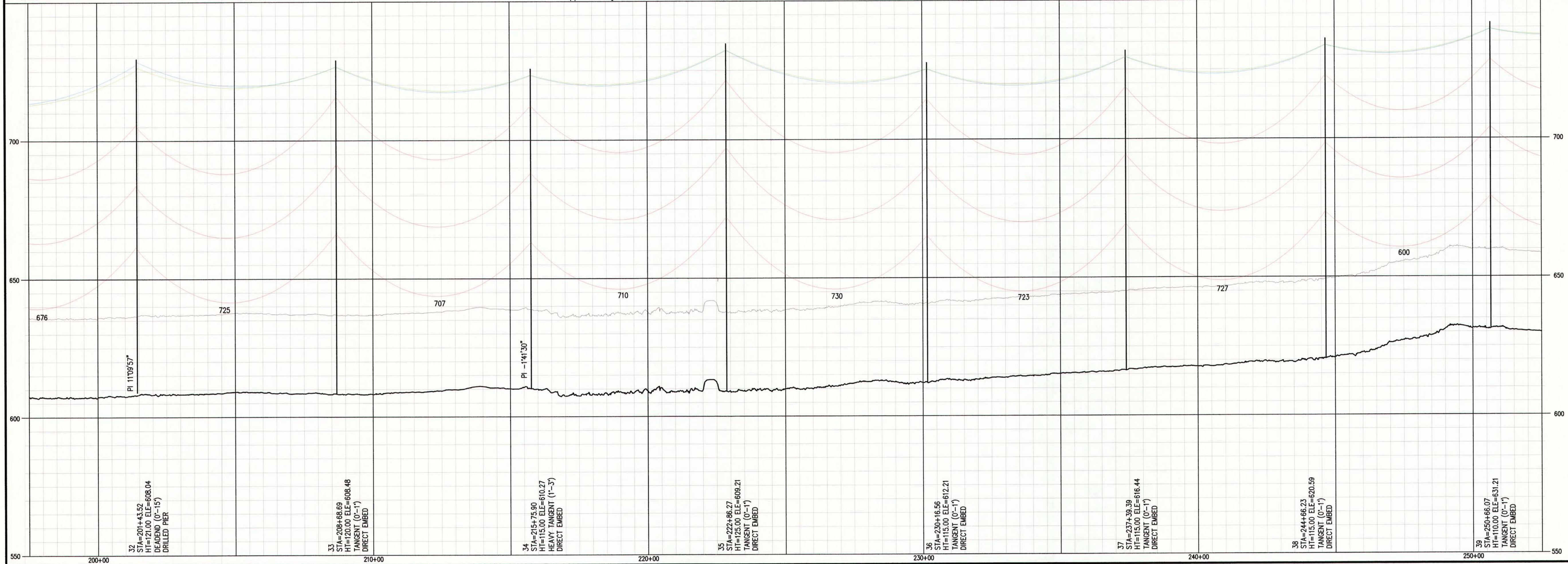
NEXTERA ENERGY
TRANSMISSION
NEW YORK

ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
APPROVED		
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'	

EMPIRE STATE TRANSMISSION LINE
PLAN AND PROFILE
STATION 150+00 TO 200+00
EST-D-T009-4
REVISION NO : K



ACCESS ROAD TYPES	CLEARING TYPES	SLASH AND LOG DISPOSAL TYPES	GENERAL NOTES
Type Description 1 Temporary gravel access 2 Temporary equipment matting and bridges 3 Temporary use of existing access roads 4 Permanent switchyard access	Type Description I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities. II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones. III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life. IV Selectively removing or pruning.	Type Description A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches. B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands. C Removal of vegetation from the ROW to designated disposal locations.	1. Clearing Type I will be present throughout the project. 2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders. 3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction. PIPELINE CROSSINGS 1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction. 2. Orange construction fence to be installed perpendicular to pipeline crossings.



Area 17) Temporary access with temporary timber matting (Road Type 2) from structure 30-32 where encroaching on wetlands, otherwise temporary gravel access (Road Type 1). Disposal Type C

- Temporary access bridges per drawing(s) EST-D-T010-2 across Stream T04-008(C) and Stream T11-002. Orange construction and silt fence to be installed where access, structure pads and stringing sites encroach on wetlands.
- Vulnerable soils VE/VW are present in this area.
- Concrete washout to be placed in an upland area.

Area 18) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P-002-11, EST-D-P-002-12, EST-D-P002-13, EST-D-P002-14, from Rapids Road north to structures 33-34, south to structure 35, and spurs from Downey Road to structures 36-37. An 18" diameter culvert will be installed at each entrance.

No clearing in this section.
No vegetation disposal in this section.

- Temporary access bridge per drawing(s) EST-D-T010-2 across Stream T04-11. Orange construction and silt fence to be installed where access and structure pad encroach on wetlands and on west side of structure 36.
- Vulnerable soils VE/VW are present in this area.

Area 19) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-15, from Rapids Road north to structure 38 and thence north to tree clearing area and vehicle turnaround site and continuing south to structure 39.

Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types B, C

- Orange construction and silt fence to be installed around access roads and structure pad where encroaching on wetlands. Temporary access bridges per drawing(s) EST-D-T010-2 across ditches to north and south of structure 38.
- Vulnerable soil VW is present in this area.

Area 20) Temporary gravel access (Road Type 1) south to structure 39.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types A, C

- Vulnerable soil VW is present in this area.

Area 21) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-16, EST-D-P002-17, EST-D-P002-18, EST-D-P002-19 from Downey Road spurs to structures 39 and 40, Moehl Road to structures 41-46 from the north and Hunts Corners Road to the south, except where temporary use of existing access road (Road Type 3).

No clearing in this section.
No vegetation disposal in this section.

- Orange construction and silt fence to be installed in the wetland area between structures 43 and 44.
- Vulnerable soil VW is present in this area.

NOTES:
1. Profile drawings prepared under Kunhal Parikh & Plan drawings prepared under Glen Smith - Licensed Professional Engineers in the state of New York.
2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

STATE OF NEW YORK
FRANK KUNHAL VINNY
LICENSED PROFESSIONAL ENGINEER
087779
9/30/2022
EXPIRATION DATE OF THE LICENSE

STATE OF NEW YORK
GLEN A SMITH
LICENSED PROFESSIONAL ENGINEER
083589
9/30/2022
EXPIRATION DATE OF THE LICENSE

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I	ISSUED FOR REVIEW	06/22/20	MAH	RSD
H	PRELIMINARY	05/12/20	MAH	RSD
G	PRELIMINARY	04/24/20	MAH	RSD
NO	REVISION	DATE	BY	APR

NEXTERA ENERGY
TRANSMISSION
NEW YORK

ENGINEERING RECORD	DATE
DRAWN	M. BURTELL 11/19/19
DESIGNED	M. HOHN 11/19/19
CHECKED	R. DAVIS 11/22/19
APPROVED	
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'

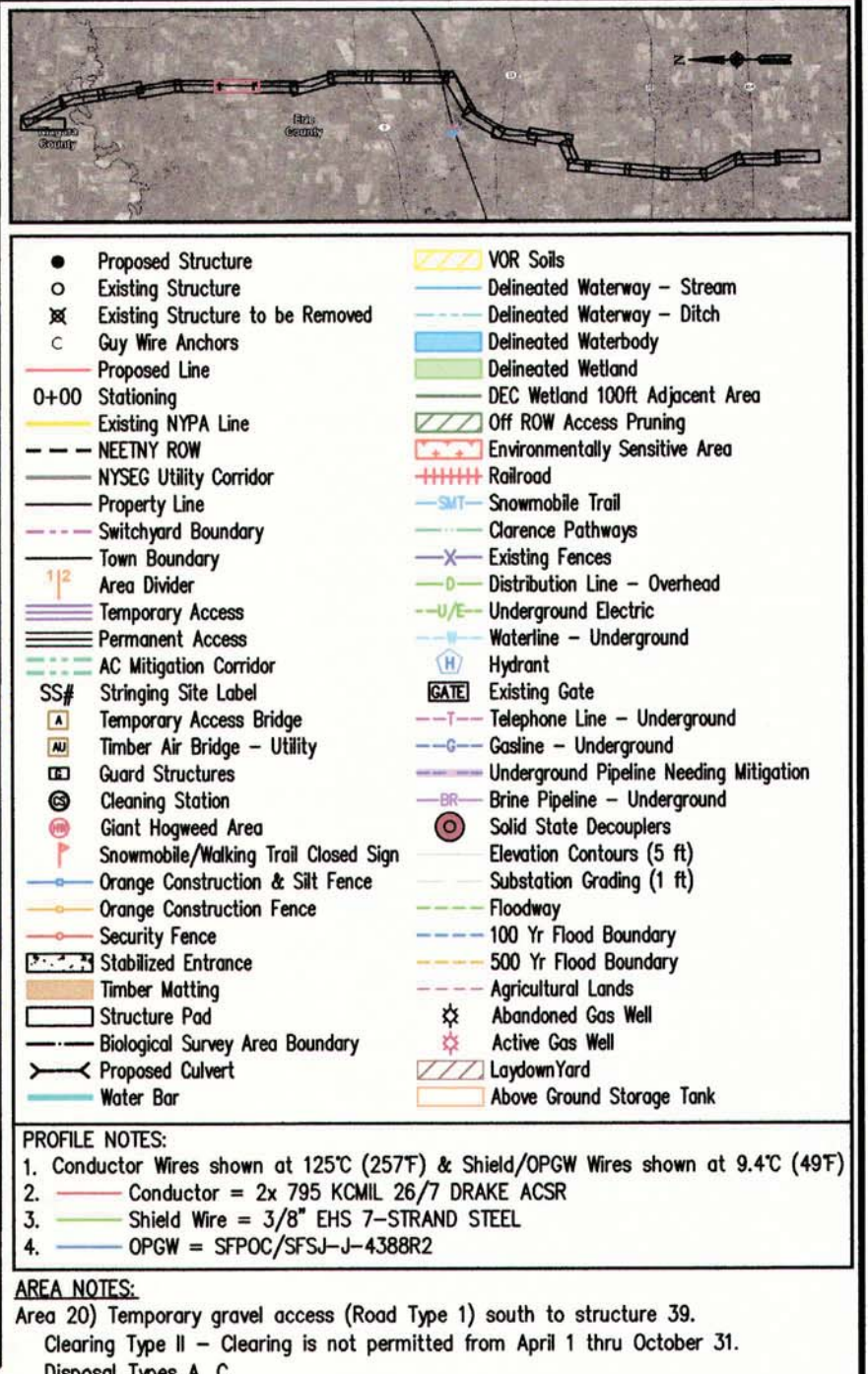
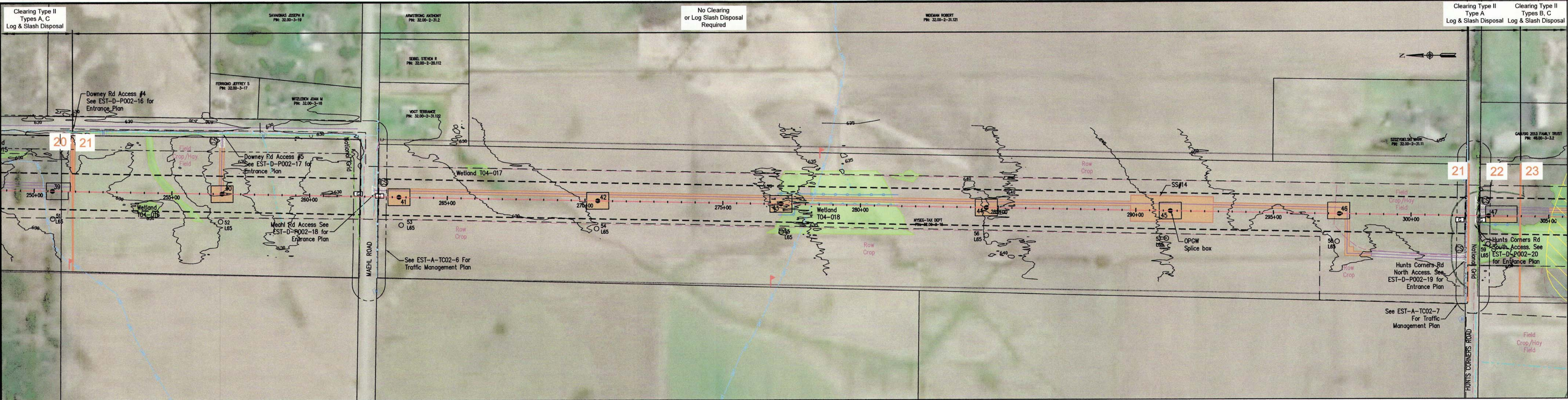
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PLAN AND PROFILE

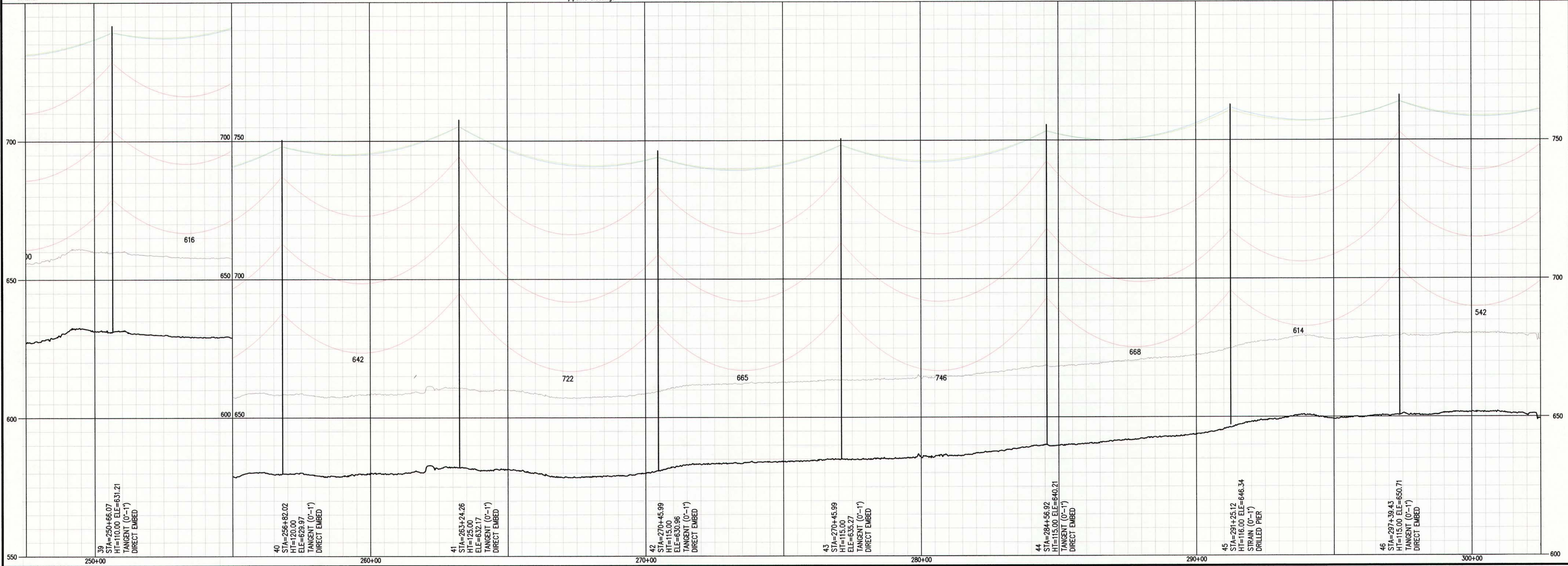
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EST-D-T009-5

REVISION NO : K



ACCESS ROAD TYPES	CLEARING TYPES	SLASH AND LOG DISPOSAL TYPES	GENERAL NOTES
Type Description 1. Temporary gravel access 2. Temporary equipment matting and bridges 3. Temporary use of existing access roads 4. Permanent switchyard access	Type Description I. Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities. II. Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones. Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life. III. Selectively removing or pruning.	Type Description A. Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches. B. Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands. C. Removal of vegetation from the ROW to designated disposal locations.	1. Clearing Type I will be present throughout the project. 2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders. 3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.
REFERENCE DRAWINGS	EXISTING FENCES	PIPELINE CROSSINGS	
1. Maintenance & Protection of Traffic Plans can be found in Appendix R.	1. Existing fences to be removed and replaced in kind.	1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction. 2. Orange construction fence to be installed perpendicular to pipeline crossings.	



Area 20) Temporary gravel access (Road Type 1) south to structure 39.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types A, C
• Vulnerable soil VW is present in this area.

Area 21) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-16, EST-D-P002-17, EST-D-P002-18, EST-D-P002-19 from Downey Road spurs to structures 39 and 40, Maehl Road to structures 41-46 from the north and Hunts Corners Road to the south, except where temporary use of existing access road (Road Type 3).
No clearing in this section.
• Orange construction and silt fence to be installed in the wetland area between structures 43 and 44.
• Vulnerable soil VW is present in this area.

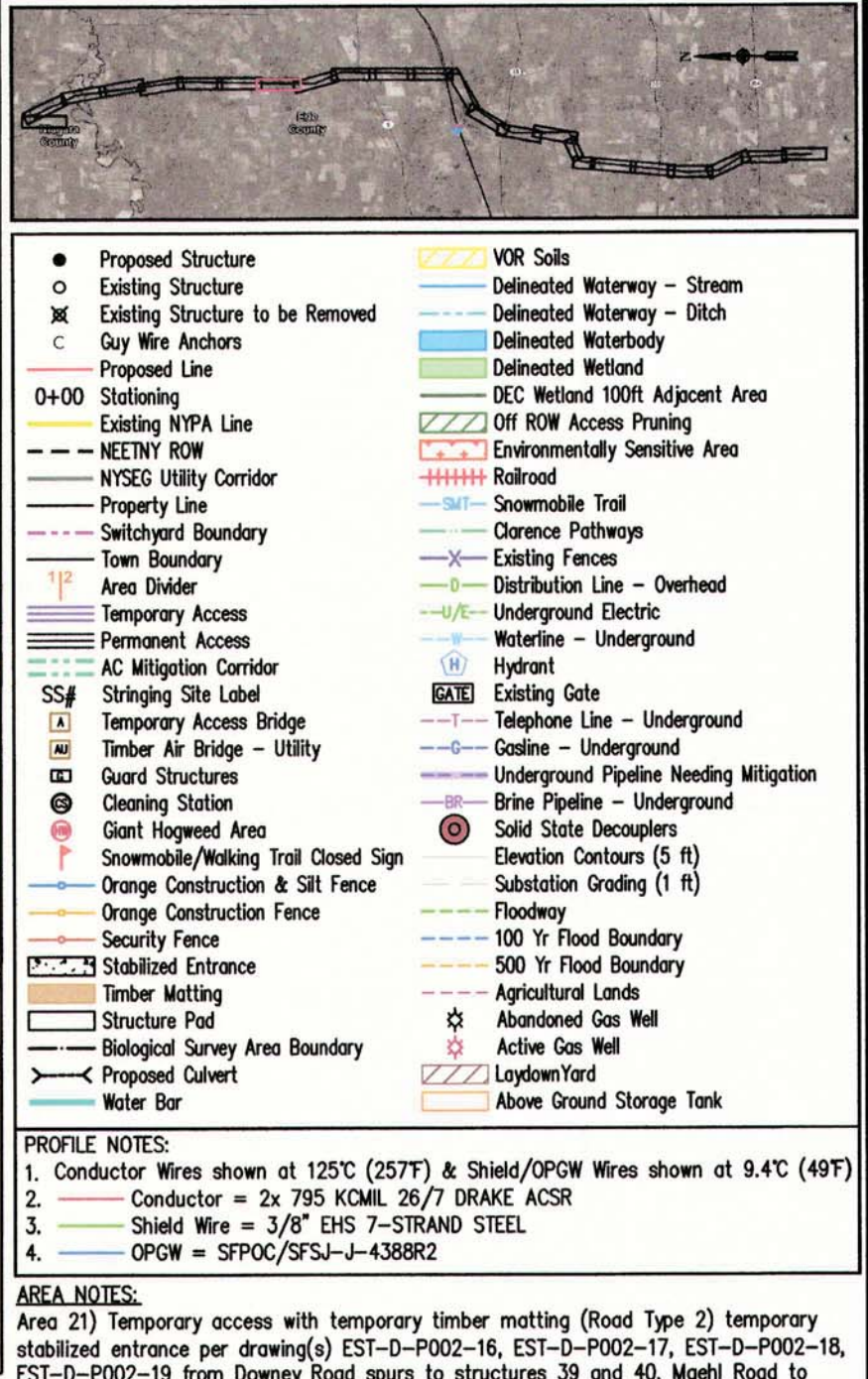
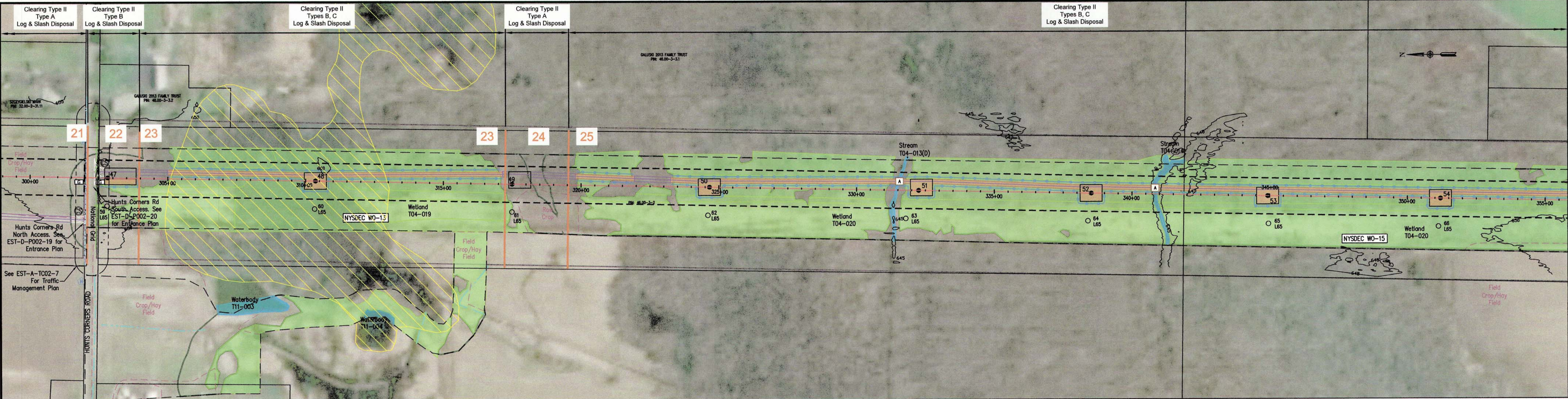
Area 22) Temporary gravel access (Road Type 1), permanent stabilized entrance per drawing(s) EST-D-P002-20, from Hunts Corners Road to structure 47 and continuing south. An 18" culvert will be installed on the southern entrance.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Type A
• Timber Matting, Orange construction and silt fence to be installed on structure 47 pad where encroaching on wetlands.
• Vulnerable soil VW is present in this area.

Area 23) Temporary access with temporary timber matting (Road Type 2) from structures 47-49. Small segment of temporary gravel access (Road Type 1) at north end.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types B, C
• Orange construction and silt fence to be installed where encroaching on wetlands.
• Vulnerable soils VOR/VW are present in this area. VOR soils contain organic mucklands.

NOTES:
1. Profile drawings prepared under Kunhal Park & Plan drawings prepared under Glen Smith - Licensed Professional Engineers in the state of New York.
2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to offer to perform or perform engineering services.

STATE OF NEW YORK
PANKH KUNHAL VINNY
LICENSED PROFESSIONAL ENGINEER
067779
SIGNATURE
9/30/2022
EXPIRATION DATE OF THE LICENSE

STATE OF NEW YORK
GLEN A SMITH
LICENSED PROFESSIONAL ENGINEER
093889
SIGNATURE
9/30/2022
EXPIRATION DATE OF THE LICENSE



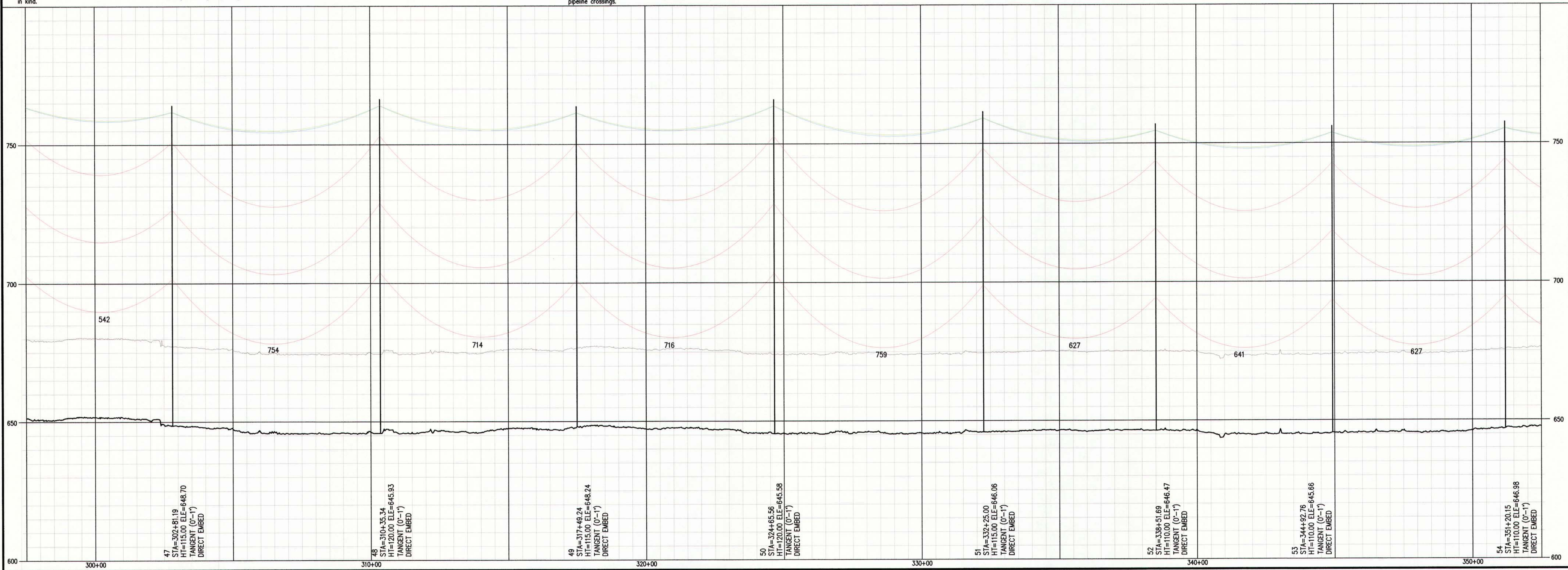
ACCESS ROAD TYPES
Type Description
1. Temporary gravel access
2. Temporary equipment matting and bridges
3. Temporary use of existing access roads
4. Permanent switchyard access

CLEARING TYPES
Type Description
I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.
II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones. Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.
IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES
Type Description
A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.
B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.
C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
1. Clearing Type I will be present throughout the project.
2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders.
3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
2. Orange construction fence to be installed perpendicular to pipeline crossings.



PROFILE NOTES:
1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)
2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR
3. Shield Wire = 3/8" EHS 7-STRAND STEEL
4. OPGW = SFPOC/SFSJ-J-438R2

AREA NOTES:
Area 21) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-16, EST-D-P002-17, EST-D-P002-18, EST-D-P002-19 from Downey Road spur to structures 39 and 40, Mouth Road to structures 41-46 from the north and Hunts Corners Road to the south, except where temporary use of existing access road (Road Type 3).
No clearing in this section.
No vegetation disposal in this section.
Orange construction and silt fence to be installed in the wetland area between structures 43 and 44.
Vulnerable soil VW is present in this area.

Area 22) Temporary gravel access (Road Type 1), permanent stabilized entrance per drawing(s) EST-D-P002-20, from Hunts Corners Road to structure 47 and continuing south. An 18" culvert will be installed on the southern entrance.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Type A
Orange construction and silt fence to be installed on structure 47 pad where encroaching on wetlands.
Vulnerable soil VW is present in this area.

Area 23) Temporary access with temporary timber matting (Road Type 2) from structures 47-49. Small segment of temporary gravel access (Road Type 1) at north end.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types B, C
Orange construction and silt fence to be installed where encroaching on wetlands.
Vulnerable soils VOR/VW are present in this area. VOR soils contain organic mucklands.

Area 24) Temporary gravel access (Road Type 1).
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Type A
Vulnerable soil VW is present in this area.

Area 25) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance to structures 50-55 and interconnecting with Clarence Center Road, temporary stabilized entrance per drawing(s) EST-D-P002-21. The entrance will have a 24" diameter culvert. For AC mitigation of brine pipelines north of Clarence Center Road, temporary access spur roads to northwest and south east extending to solid state decoupler installation work areas.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types B, C
Orange construction and silt fence to be installed where encroaching on wetlands.
Temporary access bridges per drawing(s) EST-D-T010-2 to be installed across Stream T04-013 and Stream T04-014. BMPs over underground brine pipeline will be installed per drawing(s) EST-D-T010-2. Orange Construction Fence to be placed perpendicular to pipeline crossing.
Vulnerable soils VE/VW are present in this area.

NOTES:
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2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

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K	ISSUED FOR PERMITTING	09/15/20	MAH	RSD
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NEXTERA ENERGY
TRANSMISSION NEW YORK

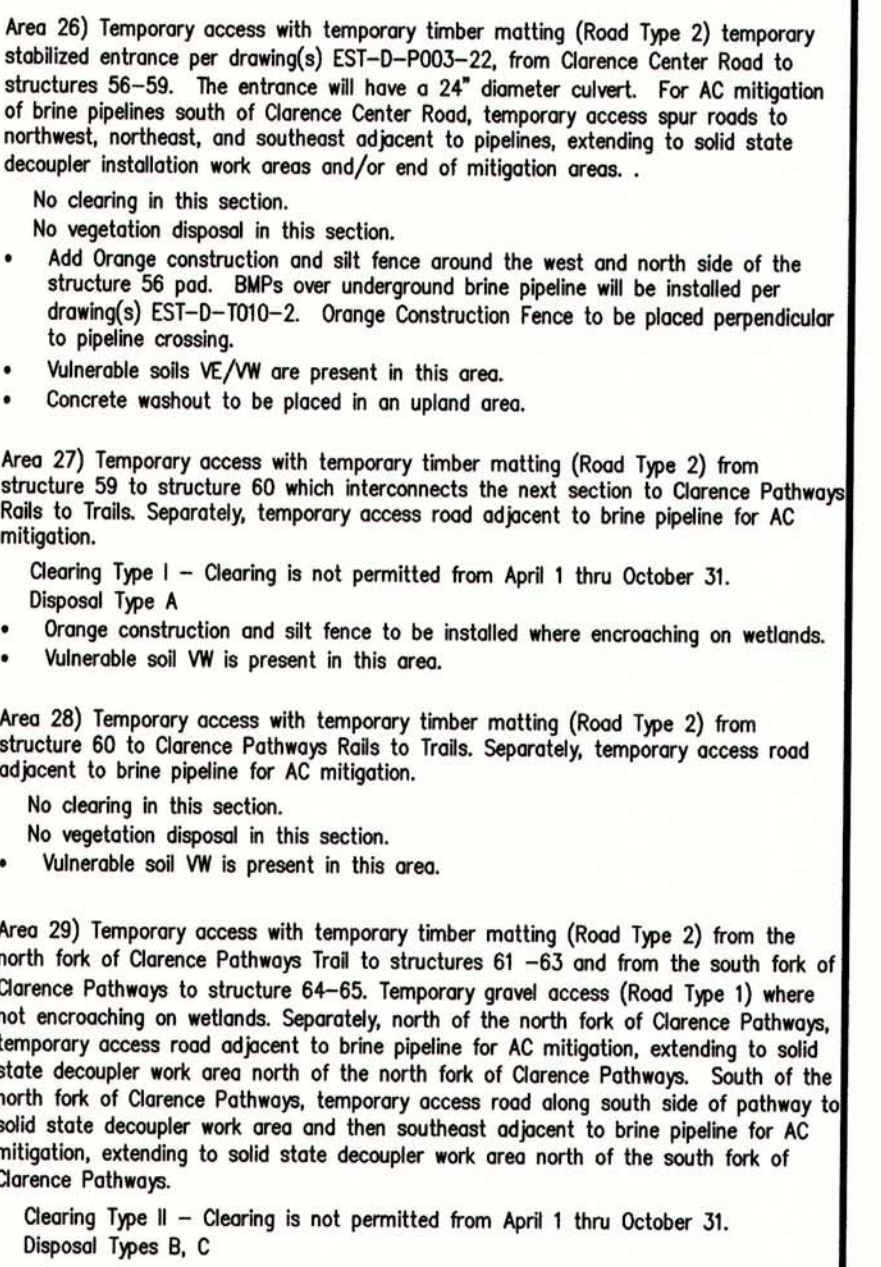
ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
APPROVED		
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'	

EMPIRE STATE TRANSMISSION LINE	
PLAN AND PROFILE	
STATION 300+00 TO 350+00	
EST-D-T009-7	REVISION NO : K

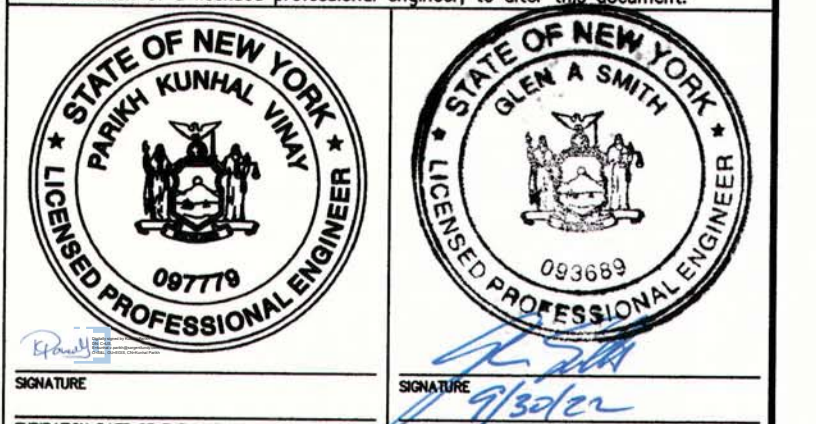


AREA NOTES CONTINUED:

- AREA NOTES CONTINUED:
Area 29 (Continued)
- South of structure 63 the matted access road interconnects with a different spur of Clarence Pathways where there is an existing road that grants access to the ROW on the north side of the trail. Only light vehicle traffic allowed on trail or the existing side road. Heavy equipment will not be allowed to cross trails.
 - South of structure 65 part of a temporary gravel access (Road Type 1) spur to structure 66 crosses through area.
 - Vulnerable soil VW is present in this area.
 - Concrete washout to be placed in an upland area.

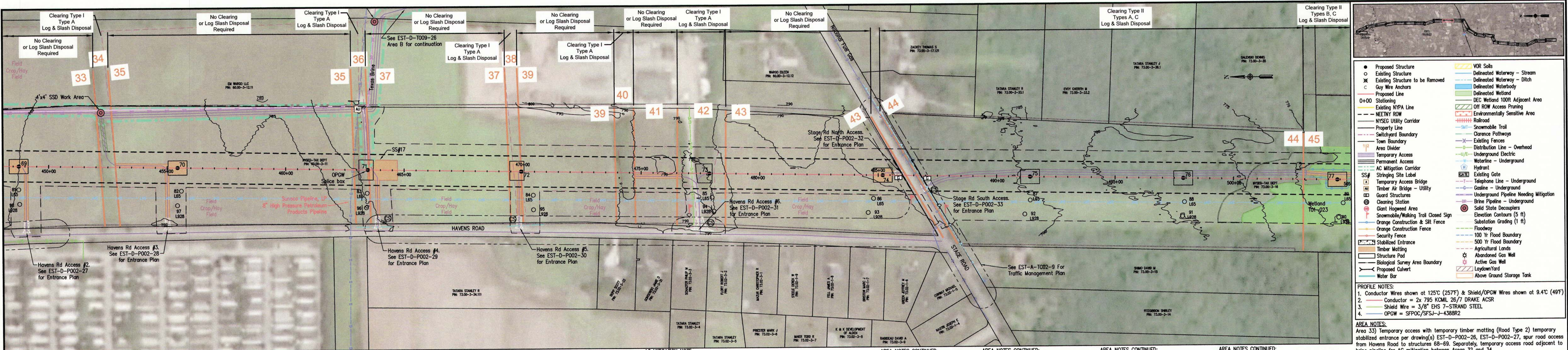


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PLOT SCALE: 1:1

[Submitted under separate cover for confidential treatment, because the page contains confidential information]



ACCESS ROAD TYPES
Type Description
1 Temporary gravel access
2 Temporary equipment matting and bridges
3 Temporary use of existing access roads
4 Permanent switchyard access

CLEARING TYPES
Type Description
I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.
II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones.
III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.
IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES
Type Description
A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.
B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.
C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
1. Clearing Type I will be present throughout the project.
2. All slash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEG quarantine orders.
3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
2. Orange construction fence to be installed perpendicular to pipeline crossings.

AC MITIGATION NOTE:
AC mitigation will be completed within an approximately 20-foot-wide workspace, contained entirely within the AC mitigation corridor, wherein a ditch with or similar trenching device will make a single overland pass down the length of the pipeline to excavate a 2-4-foot wide trench and install a zinc ribbon approximately 3-5 feet below grade, excluding wetlands where the trench will be 1-2 feet wide and 3-4 feet deep. The underground zinc ribbon ground conductor will extend to within approximately 5 feet of the top of bank of delineated streams where it will terminate. It will then continue from the opposite side of the stream at the same distance from the adjoining top of bank. A 4x4-foot-wide workspace will also be used at the indicated locations along the AC mitigation corridor to install solid state decouplers. AC mitigation work in agricultural areas will be done in dry or frozen conditions. If this is not possible, timber matting will be installed to move equipment through AC mitigation areas.

AREA NOTES CONTINUED:
Area 42 Temporary use of existing road (Road Type 3) from, temporary stabilized entrance per drawing(s) EST-D-P002-31, spur road using existing access to Structure 73 to south and access to windrows to the north.
Clearing Type I
Disposal Type A
• Vulnerable soils VB/VW are present in this area.

AREA NOTES CONTINUED:
Area 43 Temporary access with temporary timber matting (Road Type 2) from, temporary stabilized entrance per drawing(s) EST-D-P002-33, from Stage Road north to Structure 74.
No Clearing in this Section
No vegetation disposal in this section.
• Vulnerable soils VB/VW are present in this area.

AREA NOTES CONTINUED:
Area 44 Temporary gravel access (Road Type 1), Area 45 Temporary access with temporary timber matting (Road Type 2) from north of structure 77 where encroaching on wetlands or agricultural field, otherwise temporary gravel access (Road Type 1) continuing south to Area 46.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types A, C
• Vulnerable soils VB/VW are present in this area.

AREA NOTES CONTINUED:
Area 45 Temporary access with temporary timber matting (Road Type 2) from north of structure 77 where encroaching on wetlands or agricultural field, otherwise temporary gravel access (Road Type 1) continuing south to Area 46.
Clearing Type II - Clearing is not permitted from April 1 thru October 31.
Disposal Types B, C
• Orange construction and silt fence placed where encroaching wetlands.
• Vulnerable soils VB/VW are present in this area.



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G	PRELIMINARY	04/24/20	MAH	RSD

NEXTERA ENERGY
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NEW YORK

ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
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APPROVED		
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'	

EMPIRE STATE TRANSMISSION LINE

PLAN AND PROFILE

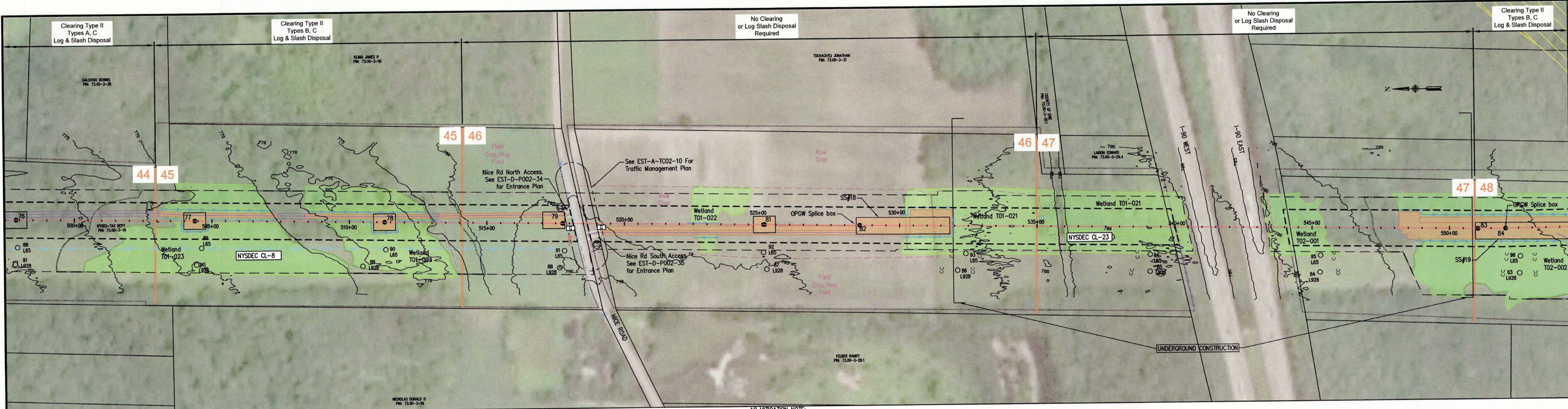
STATION 450+00 TO 500+00

EST-D-T009-10

REVISION NO : K

NOTES:
1. Profile drawings prepared under Kunhah Patrick & Plan drawings prepared under Glen Smith - Licensed Professional Engineers in the state of New York.
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ACCESS ROAD TYPES
Type Description
1 Temporary gravel access
2 Temporary equipment matting and bridges
3 Temporary use of existing access roads
4 Permanent switchyard access

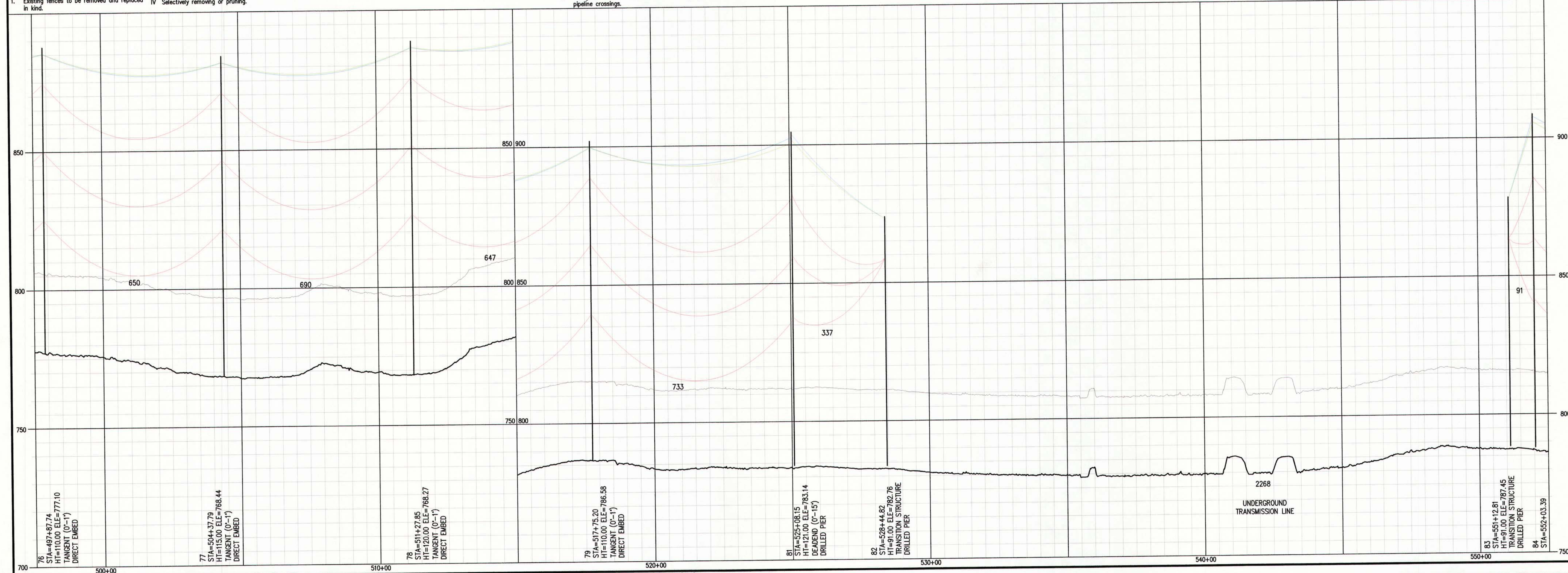
CLEARING TYPES
Type Description
I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.
II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones.
III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.
IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES
Type Description
A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.
B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.
C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
1. Clearing Type I will be present throughout the project.
2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEG quarantine orders.
3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
2. Orange construction fence to be installed perpendicular to pipeline crossings.

AC MITIGATION NOTE:
AC mitigation will be completed within an approximately 20-foot-wide workspace, contained entirely within the AC mitigation corridor, wherein a ditch with or similar trenching device will make a single overland pass down the length of the pipeline to excavate a 2-4-foot wide trench and install a zinc ribbon approximately 3-5 feet below grade, excluding wetlands where the trench will be 1-2 feet wide and 3-4 feet deep. The underground zinc ribbon ground conductor will extend to within approximately 5 feet of the top of bank of delineated streams where it will terminate. It will then continue from the opposite side of the stream at the same distance from the adjoining top of bank. A 4x4-foot-wide workspace will also be used at the indicated locations along the AC mitigation corridor to install solid state decouplers. AC mitigation work in agricultural areas will be done in dry or frozen conditions. If this is not possible, timber matting will be installed to move equipment through AC mitigation areas.



AREA 44 Temporary gravel access (Road Type 1), temporary stabilized entrance per drawing(s) EST-D-P002-31, from Stage Road south to structures 75 and 76. Clearing Type II - Clearing is not permitted from April 1 thru October 31. Disposal Types A, C.
• Vulnerable soils VB/VW are present in this area.

Area 45 Temporary access with temporary timber matting (Road Type 2) from north of structure 77 where encroaching on wetlands or agricultural field, otherwise temporary gravel access (Road Type 1) continuing south to Area 46. Clearing Type II - Clearing is not permitted from April 1 thru October 31. Disposal Types B, C.
• Orange construction and silt fence placed where encroaching wetlands.
• Vulnerable soils VB/VE/VW are present in this area.

Area 46 Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-34, EST-D-P002-35, from Nice Road north to structure 79 and continuing north and from Nice Road south to structures 79, 81, & 82.
No clearing in this section.
• No vegetation disposal in this section.
• Orange construction and silt fence to be installed on the access road where encroaching on wetlands.
• Vulnerable soils VE/VW are present in this area.
• Concrete washout to be placed in an upland area.

Area 47 Underground crossing of I-90 between structures 82 and 83.
No clearing in this section.
• No vegetation disposal in this section.
• Vulnerable soils VE/VW are present in this area.

Area 48 Temporary access with temporary timber matting (Road Type 2) from structures 83 to 86 and to log disposal pile south of structure 85. Clearing Type II - Clearing is not permitted from April 1 thru October 31. Disposal Types B, C.
• Spur road and structure pads to be surrounded by orange construction and silt fence where encroaching wetlands.
• Vulnerable soils VE/VOR/VW are present in this area. VOR soils contain organic mucklands.
• Concrete washout to be placed in an upland area.

NOTES:
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G	PRELIMINARY	04/24/20	MAH	RSD
NO	REVISION	DATE	BY	APR

NEXTERA ENERGY

TRANSMISSION NEW YORK

ENGINEERING RECORD		DATE
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DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
APPROVED		
VERT. SCALE: 1" = 20'		HORZ. SCALE: 1" = 200'

EMPIRE STATE TRANSMISSION LINE

PLAN AND PROFILE

STATION 500+00 TO 550+00

EST-D-T009-11

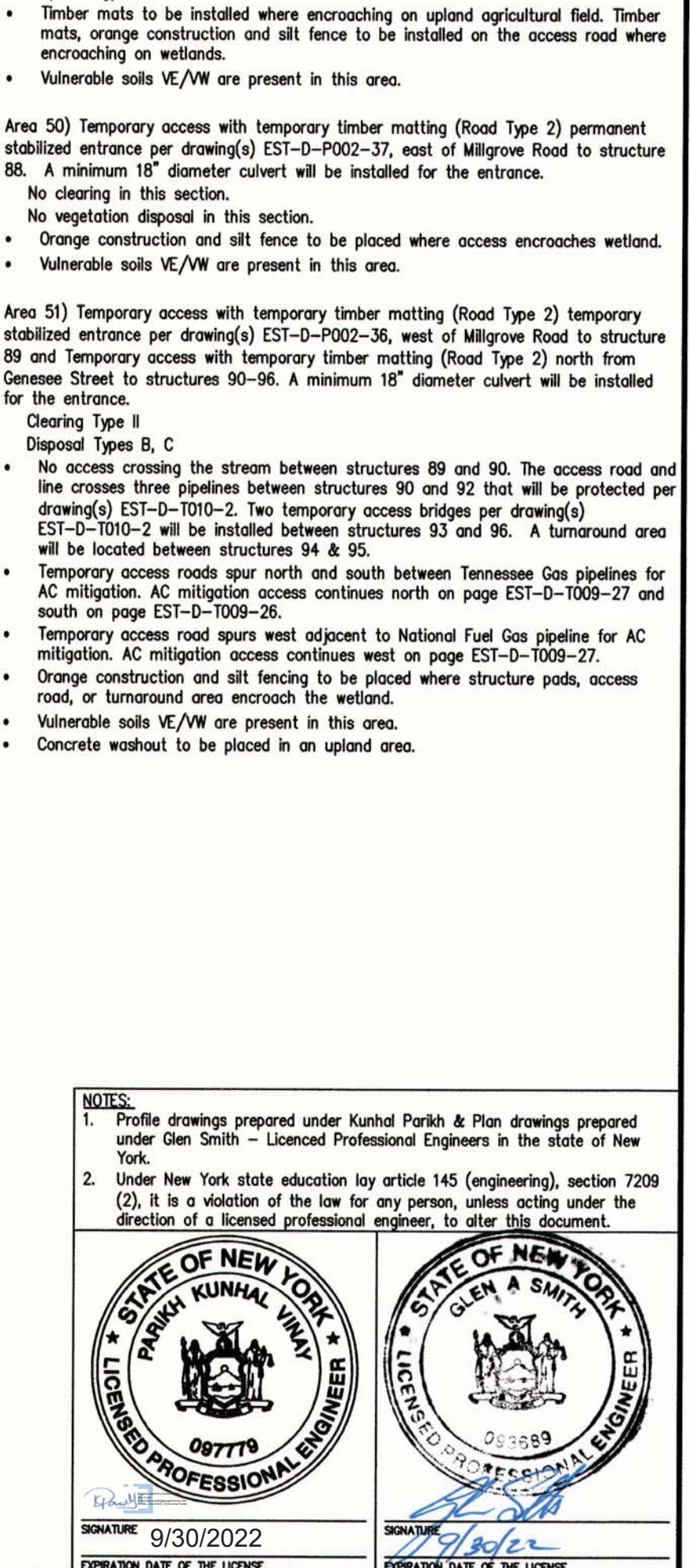
REVISION NO : K



- Clearing Type II – Clearing is not permitted from April 1 thru October 31. Disposal Types B, C
- Spur road and structure pads to be surrounded by orange construction and silt fence where encroaching wetlands.
- Vulnerable soils VE/VR/VW are present in this area. VOR soils contain organic mudclods.
- Concrete washout to be placed in an upland area.





Area 49) Temporary gravel access (Road Type 1) to and from structure 87.

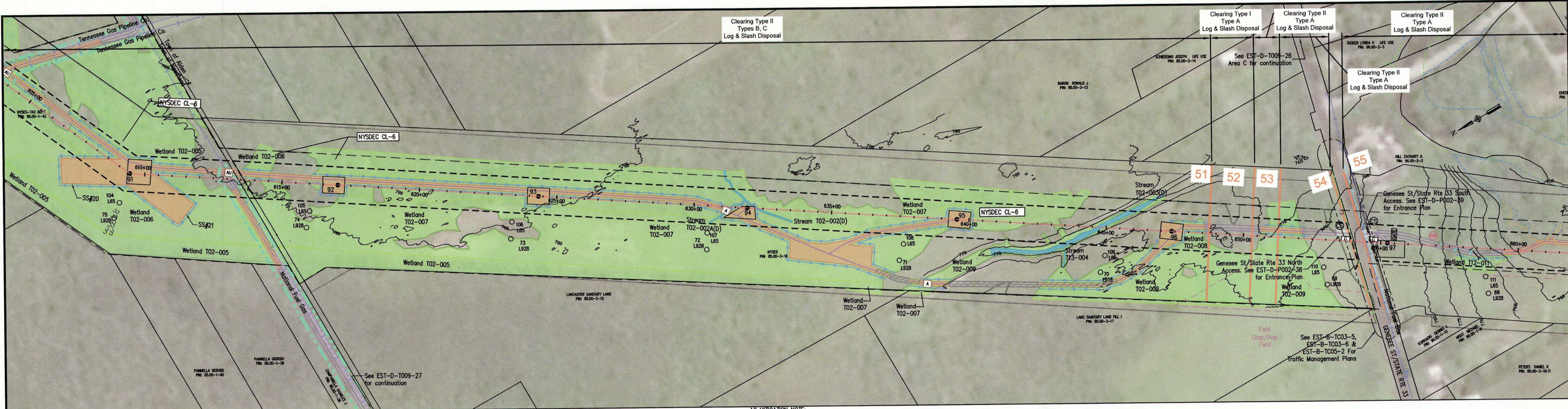
Clearing Type II
Disposal Type A



NOTES:

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 <p>Professional Engineer Seal for Parky Kunhal Viny, State of New York, License No. 087779. The seal features the text "STATE OF NEW YORK", "PARKY KUNHAL VINY", "LICENSED PROFESSIONAL ENGINEER", and "087779".</p>	 <p>Professional Engineer Seal for Glen A. Smith, State of New York, License No. 063889. The seal features the text "STATE OF NEW YORK", "GLEN A. SMITH", "LICENSED PROFESSIONAL ENGINEER", and "063889".</p>
<p>SIGNATURE </p> <p>EXPIRATION DATE OF THE LICENSE <u>9/30/2022</u></p>	<p>SIGNATURE </p> <p>EXPIRATION DATE OF THE LICENSE <u>9/30/2022</u></p>



ACCESS ROAD TYPES

Type Description

1 Temporary gravel access

2 Temporary equipment matting and bridges

3 Temporary use of existing access roads

4 Permanent switchyard access

REFERENCE DRAWINGS

1 Maintenance & Protection of Traffic Plans can be found in Appendix R.

EXISTING FENCES

1 Existing fences to be removed and replaced in kind.

CLEARING TYPES

Type Description

I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.

II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones.

III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.

IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES

Type Description

A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.

B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.

C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES

1. Clearing Type I will be present throughout the project.

2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEG quarantine orders.

3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS

1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.

2. Orange construction fence to be installed perpendicular to pipeline crossings.

AC MITIGATION NOTE:

AC mitigation will be completed within an approximately 20-foot-wide workspace, contained entirely within the AC mitigation corridor, wherein a ditch with or similar trenching device will make a single overland pass down the length of the pipeline to excavate a 2-4 foot wide trench and install a zinc ribbon approximately 3-5 feet below grade, excluding wetlands where the trench will be 1-2 feet wide and 3-4 feet deep. The underground zinc ribbon ground conductor will extend to within approximately 5 feet of the top of bank of delineated streams where it will terminate. It will then continue from the opposite side of the stream at the same distance from the adjoining top of bank. A 4x4-foot-wide workspace will also be used at the indicated locations along the AC mitigation corridor to install solid state decouplers. AC mitigation work in agricultural areas will be done in dry or frozen conditions. If this is not possible, timber matting will be installed to move equipment through AC mitigation areas.

PROFILE NOTES:

1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)

2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR

3. Shield Wire = 3/8" BIS 7-STRAND STEEL

4. OPGW = SFP0C/SFS-J-4388R2

AREA NOTES:

Area 51) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-36, west of Millgrove Road to structure 89 and Temporary access with temporary timber matting (Road Type 2) north from Genesee Street to structures 90-96. A minimum 18" diameter culvert will be installed for the entrance.

Disposal Type B, C

- No access crossing the stream between structures 89 and 90. The access road and line crosses three pipelines between structures 90 and 92 that will be protected per drawing(s) EST-D-T010-2. Two temporary access bridges per drawing(s) EST-D-T010-2 will be installed between structures 93 and 96. A turnaround area will be located between structures 94 & 95.
- Temporary access roads spur north and south between Tennessee Gas pipelines for AC mitigation. AC mitigation access continues north on page EST-D-T009-27 and south on page EST-D-T009-26.
- Temporary access road spurs west adjacent to National Fuel Gas pipeline for AC mitigation. AC mitigation access continues west on page EST-D-T009-27.
- Orange construction and silt fence to be placed where structure pads, access road, or turnaround area encroach the wetland.
- Vulnerable soils VE/VW are present in this area.
- Concrete washout to be placed in an upland area.

Area 52) Temporary Gravel Access (Road Type 1) north from road in area 53.

Clearing Type I

Disposal Type A

- Vulnerable soil VW is present in this area.

Area 53) Temporary access with temporary timber matting (Road Type 2) north from the road in Area 54.

Clearing Type II

Disposal Type A

- Orange construction and silt fence to be placed where access encroaches wetland.
- Vulnerable soil VW is present in this area.

Area 54) Temporary gravel access (Road Type 1) and Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-36, north from Genesee Street to approach structures 90-96. A 15" diameter culvert will be installed for the northern entrance.

Clearing Type II

Disposal Type A

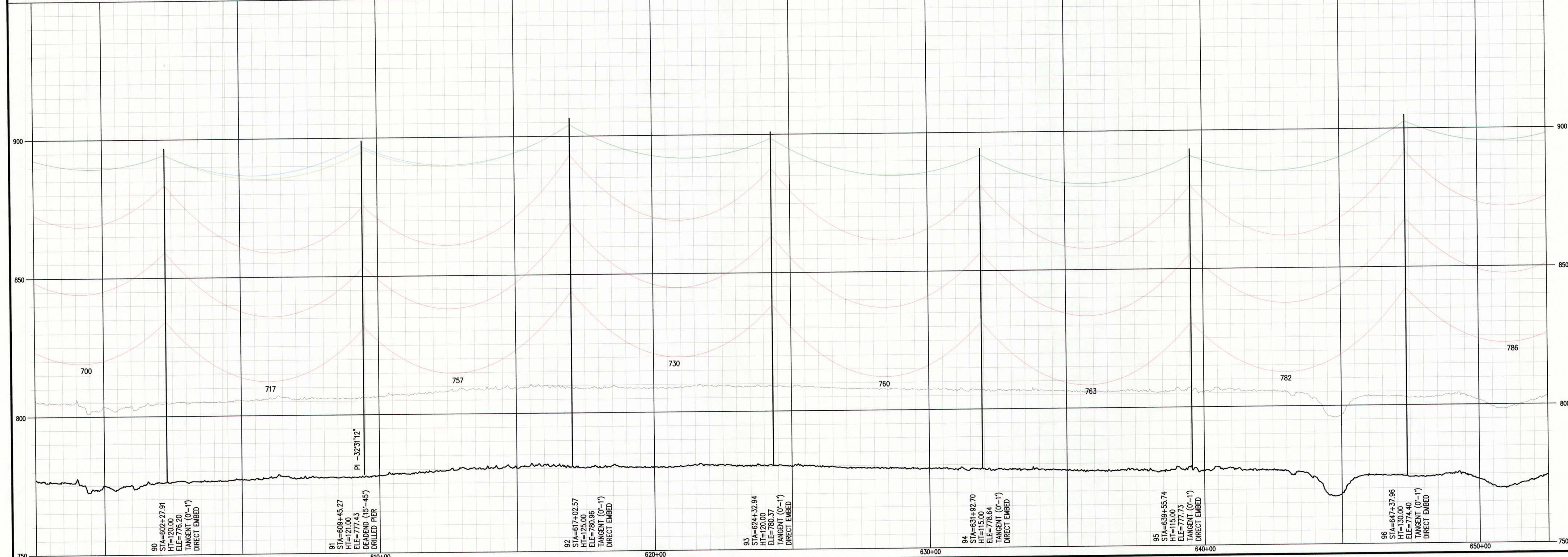
- Orange construction and silt fence to be placed where access encroaches wetland.
- Vulnerable soil VW is present in this area.

Area 55) Temporary gravel access (Road Type 1) temporary stabilized entrance per drawing(s) EST-D-P002-39, south of Genesee Street to structure 97 and then southward. Water bars and outlet protection to be placed on slope to structure 98 per drawing EST-D-T010-8. Temporary access with temporary timber matting (Road Type 2) to be installed from base of hill to Structure 98 over agricultural land.

Clearing Type II

Disposal Type A

- Orange construction and silt fence to be placed where access encroaches wetland.
- Vulnerable soil VW is present in this area.



NOTES:

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04/24/20	PRELIMINARY

REVISION

NO	REVISION	DATE	BY	APR
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H	PRELIMINARY	05/12/20	MAH	RSD
G	PRELIMINARY	04/24/20	MAH	RSD

EMPIRE STATE TRANSMISSION LINE

PLAN AND PROFILE

STATION 600+00 TO 650+00

EST-D-T009-13

REVISION NO : K

ENGINEERING RECORD

DATE	DESCRIPTION
11/19/19	DRAWN
11/19/19	DESIGNED
11/22/19	CHECKED
	APPROVED

VERT. SCALE: 1" = 20'
HORIZ. SCALE: 1" = 200'

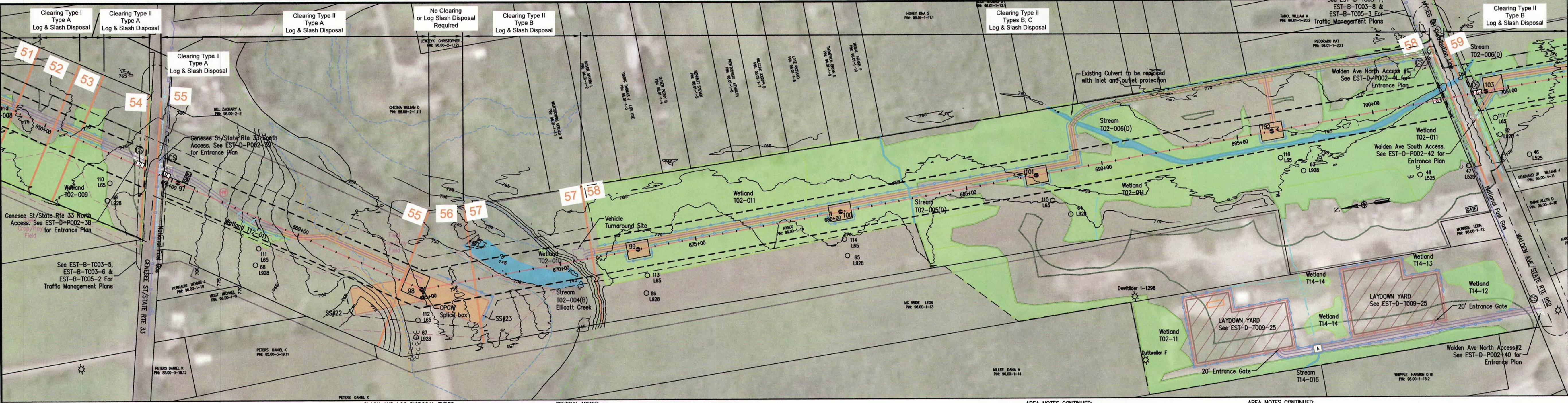
EMPIRE STATE TRANSMISSION LINE

PLAN AND PROFILE

STATION 600+00 TO 650+00

EST-D-T009-13

REVISION NO : K



ACCESS ROAD TYPES
Type Description
1. Temporary gravel access
2. Temporary equipment matting and bridges
3. Temporary use of existing access roads
4. Permanent switchyard access

CLEARING TYPES
Type Description
I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.
II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones.
III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.
IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES
Type Description
A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.
B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.
C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
1. Clearing Type I will be present throughout the project.
2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders.
3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
2. Orange construction fence to be installed perpendicular to pipeline crossings.

AREA NOTES CONTINUED:
Laydown Yard Area) Temporary use of existing access road (Road Type 3) temporary stabilized entrance per drawing(s) EST-D-P002-40, north from Walden Avenue.
Clearing Type I
Disposal Type A
• Temporary access bridge per drawing(s) EST-D-T010-2 installed over Stream T14-016.
• Vulnerable soils VE/VW are present in this area.

AREA NOTES CONTINUED:
Area 59) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-42, south from Walden Avenue to existing culvert to structures 103-104 and east and north to structures 105-111 from access points in Area 60. No crossing of CSX Transportation railway. An 18" diameter culvert will be installed at the entrance.
Clearing Type II
Disposal Type B
• Orange construction and silt fence to be installed where structure pads or access encroach into wetlands.
• Alternate access includes temporary use of existing access road (Road Type 3) intersecting main access road between structures 107 and 108.
• Vulnerable soils VE/VW are present in this area.
• Concrete washout to be placed in an upland area.

PROFILE NOTES:
1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)
2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR
3. Shield Wire = 3/8" EHS 7-STRAND STEEL
4. OPGW = SFOC/SFSJ-J-438B2

AREA NOTES:
Area 52) Temporary Gravel Access (Road Type 1) north from Genesee Street.
Clearing Type I
Disposal Type A
• Vulnerable soil VW is present in this area.

Area 53) Temporary access with temporary timber matting (Road Type 2) north from the road in Area 54.
Clearing Type II
Disposal Type A
• Orange construction and silt fence to be placed where access encroaches wetland.
• Vulnerable soil VW is present in this area.

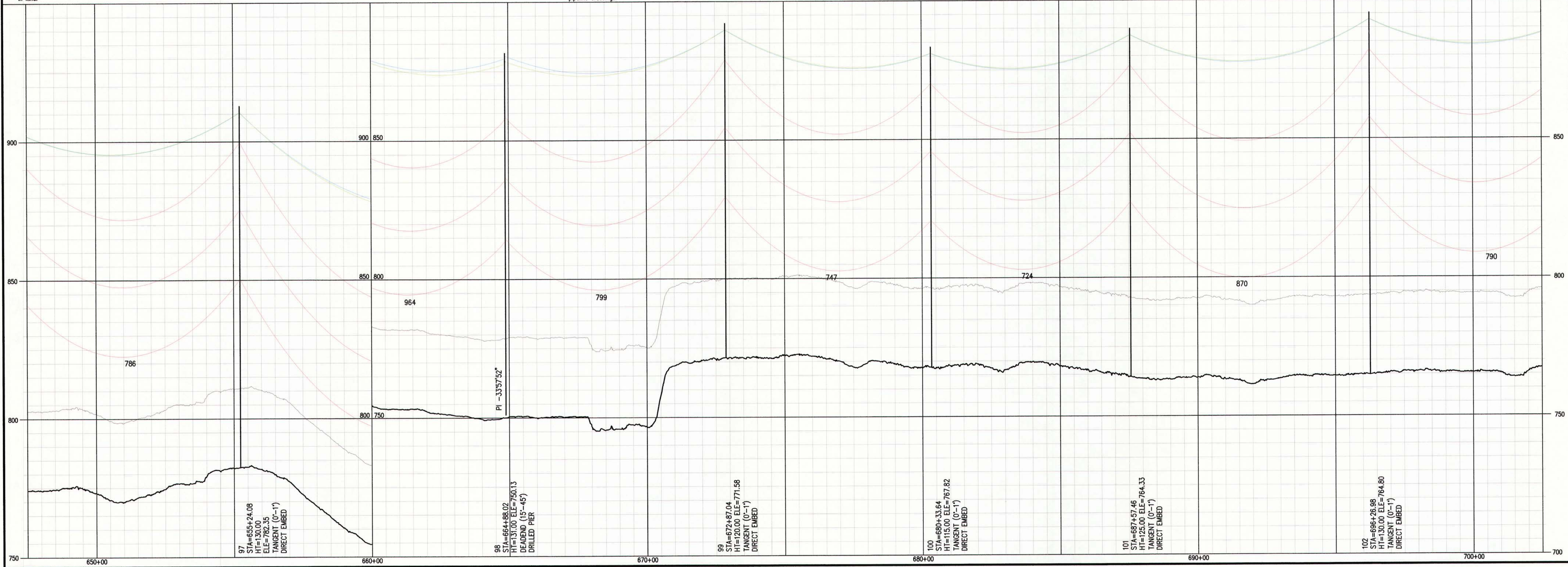
Area 54) Temporary gravel access (Road Type 1) and Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-38, north from Genesee Street to approach structures 90-96. A 15" diameter culvert will be installed for the northern entrance.
Clearing Type I
Disposal Type A
• Orange construction and silt fence to be placed where access encroaches wetland.
• Vulnerable soil VW is present in this area.

Area 55) Temporary gravel access (Road Type 1) temporary stabilized entrance per drawing(s) EST-D-P002-39, south of Genesee Street to structure 97 and then southward. Water bars and outlet protection to be placed on slope to structure 98 per drawing(s) EST-D-T010-8. Temporary access with temporary timber matting (Road Type 2) to be installed from base of hill to Structure 98 over agricultural land.
Clearing Type II
Disposal Type A
• Orange construction and silt fence to be placed where access encroaches wetland.
• Vulnerable soil VW is present in this area.

Area 56) Temporary access with temporary timber matting (Road Type 2) to structure 98.
No Clearing in this Section
No vegetation disposal in this section.
• Install orange construction and silt fence on south and east sides of southern stringing site.
• Vulnerable soil VW is present in this area.
• Concrete washout to be placed in an upland area.

Area 57) Area from structures 98 and 99. Hand clearing around Elliott Creek.
Clearing Type II
Disposal Type B
• No road crossing of Elliott Creek.
• Vulnerable soil VW is present in this area.

Area 58) Temporary use of existing access roads (Road Type 3) temporary stabilized entrance per drawing(s) EST-D-P002-41, north from Walden Avenue to existing culvert, then Temporary access with temporary timber matting (Road Type 2) to structure 99. A minimum 15" diameter culvert will be installed.
Clearing Type II
Disposal Types B, C
• Timber Matting, orange construction and silt fence to be installed where structure pads or access encroach into wetlands.
• Vulnerable soils VE/VW are present in this area.



NOTES:
1. Profile drawings prepared under Kunhal Parikh & Plan drawings prepared under Glen Smith - Licensed Professional Engineers in the state of New York.
2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

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KUNHAL PARIKH
LICENSED PROFESSIONAL ENGINEER
087770
9/30/2022
EXPIRATION DATE OF THE LICENSE

STATE OF NEW YORK
GLENN SMITH
LICENSED PROFESSIONAL ENGINEER
083689
9/30/2022
EXPIRATION DATE OF THE LICENSE

PLOT SCALE: 1:1

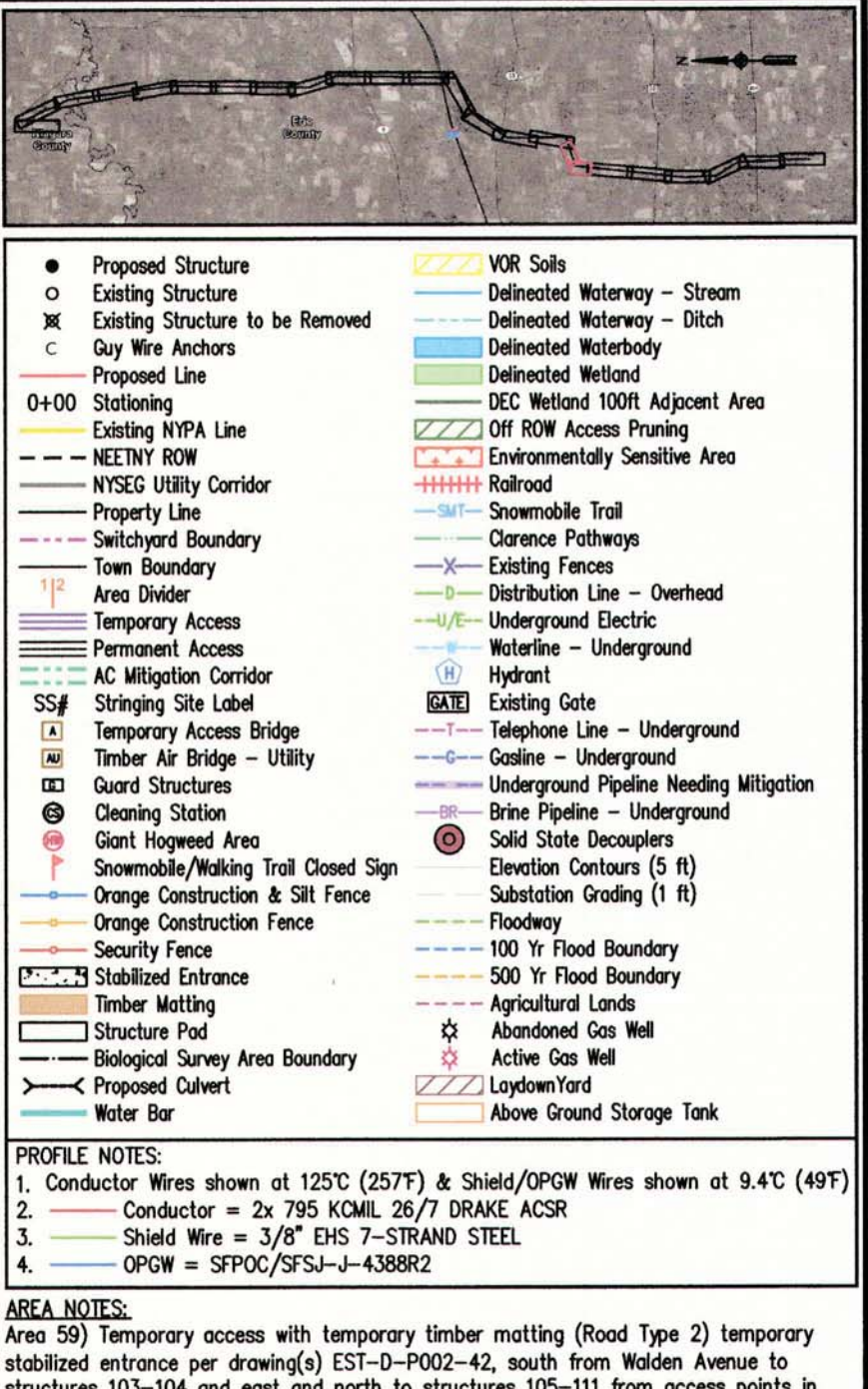
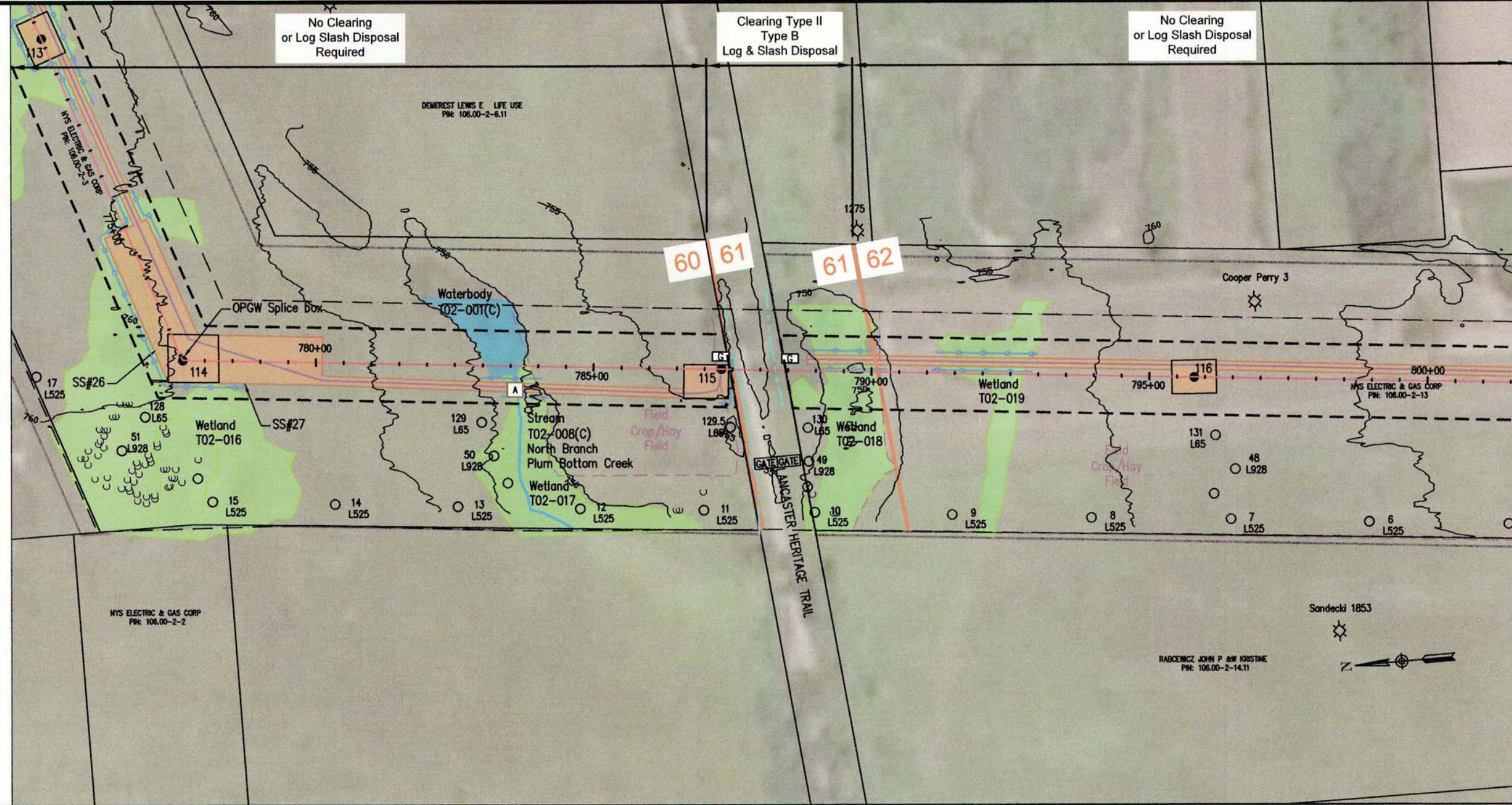
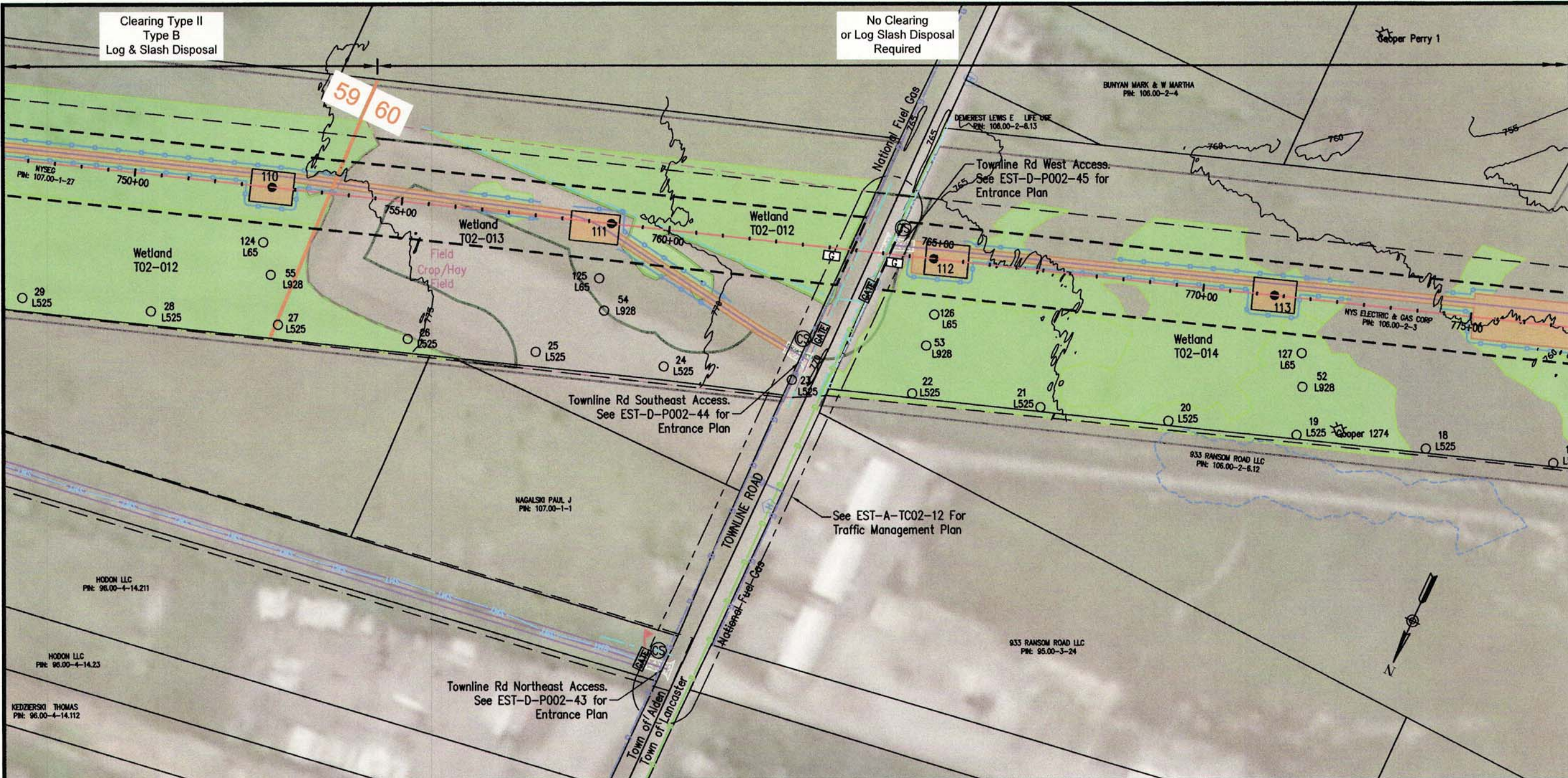
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J	ISSUED FOR REVIEW	08/05/20	MAH	RSD
I	ISSUED FOR REVIEW	06/22/20	MAH	RSD
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G	PRELIMINARY	04/24/20	MAH	RSD
NO	REVISION	DATE	BY	APR

NEXTERA ENERGY
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NEW YORK

ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
APPROVED		
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'	

EMPIRE STATE TRANSMISSION LINE
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REVISION NO : K

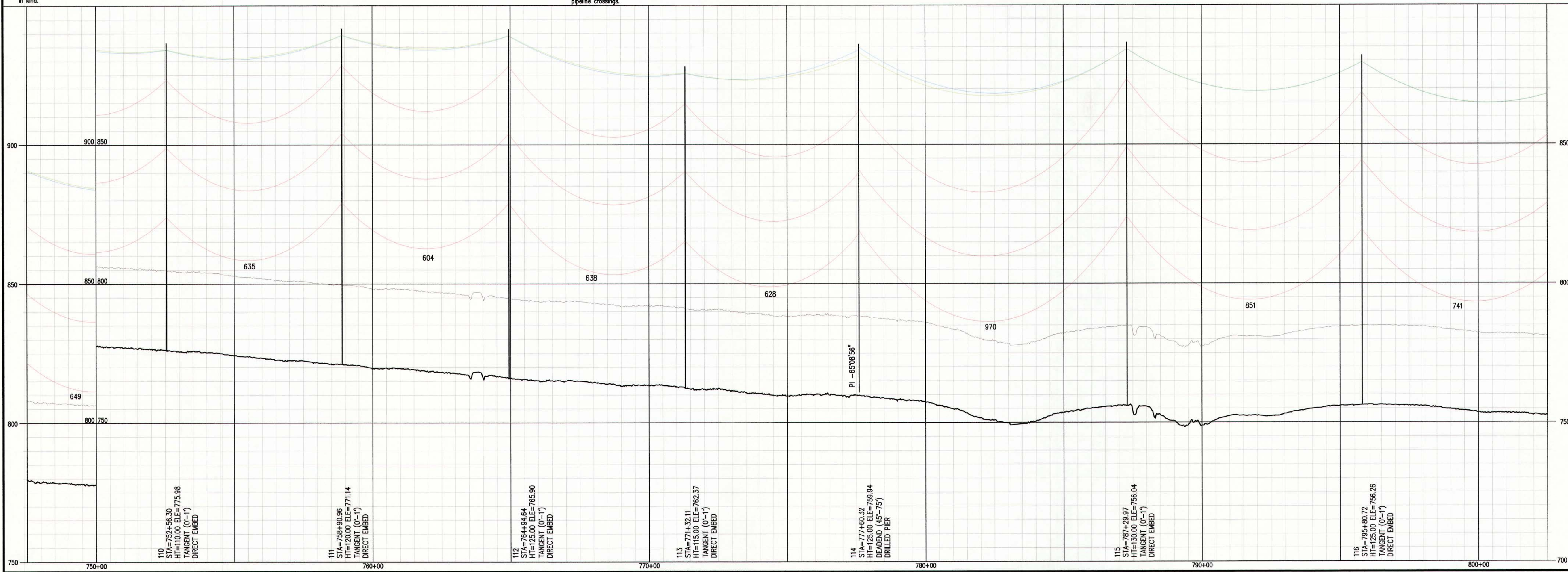


ACCESS ROAD TYPES	CLEARING TYPES	SLASH AND LOG DISPOSAL TYPES	GENERAL NOTES
Type Description 1 Temporary gravel access 2 Temporary equipment matting and bridges 3 Temporary use of existing access roads 4 Permanent switchyard access	Type Description I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities. II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones. III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life. IV Selectively removing or pruning.	Type Description A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches. B Vegetation log and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands. C Removal of vegetation from the ROW to designated disposal locations.	1. Clearing Type I will be present throughout the project. 2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders. 3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction. 2. Orange construction fence to be installed perpendicular to pipeline crossings.

PROFILE NOTES:
1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)
2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR
3. Shield Wire = 3/8" EHS 7-STRAND STEEL
4. OPGW = SFPOC/SFS-J-4388R2

AREA NOTES:
Area 59) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-43, south from Walden Avenue to structures 103-104 and east and north to structures 105-111 from access points in Area 60. No crossing of CSK Transportation railway. An 18" diameter culvert will be installed at the entrance.
Clearing Type II
Disposal Type B
• Orange construction and silt fence to be installed where structure pads or access encroach into wetlands.
• Alternate access includes temporary use of existing access road (Road Type 3) intersecting main access road between structures 107 and 108
• Vulnerable soils VE/VW are present in this area.
• Concrete washout to be placed in an upland area.



Area 60) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-43, EST-D-P002-44, east from Townline Road to structure 111 and continuing on toward structure 110; west from Townline Road to structures 112 to 115 temporary stabilized entrance per drawing(s) EST-D-P002-45. An 18" diameter culvert will be installed for the western entrance.
No clearing in this section.
• Each structure, structure pad, and the main access roads have a significant amount of orange construction, silt fence and matting where the facilities encroach into wetlands.
• Vulnerable soils VE/VW are present in this area.
• Concrete washout to be placed in an upland area.

Area 61) Temporary access from structure 115 to 116 will be for tree clearing only. Heavy equipment will be prohibited from crossing the trail. Access for tree clearing will be either from structure 115 or structure 116 but will not occur on the trail system. One time passes to cross the trail for wire stringing operations will occur with flagging and traffic control in place.
Clearing Type I
Disposal Type B
• Pipeline protection measures should be installed on either side of the trail to prevent collapse of the drainage facilities per drawing(s) EST-D-T010-2, EST-D-T010-2. Orange construction and silt fence should be installed on the south side of the structure 115.
• Vulnerable soils VE/VW are present in this area.

Area 62) Temporary access with temporary timber matting (Road Type 2) from structure 117 north to structure 116.
No clearing in this section.
No vegetation disposal in this section.
• Orange construction and silt fence to be installed along the access road north of structure 116 where the matted road encroaches into wetlands.
• Vulnerable soils VE/VW are present in this area.

NOTES:
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2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

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KUNHAL PARIKH
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067779
9/30/2022
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STATE OF NEW YORK
GLEN SMITH
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FILE LOCATION: L:\NEXTERA\NEXT-159 EMPIRE STATE LINE\PLAN & PROFILES\EST-D-T009.DWG LAST SAVED BY: mburtell 9/15/2020 9:58 AM PLOTTED BY: Michelle L. Burtell 9/15/2020 10:02 AM Tab:16

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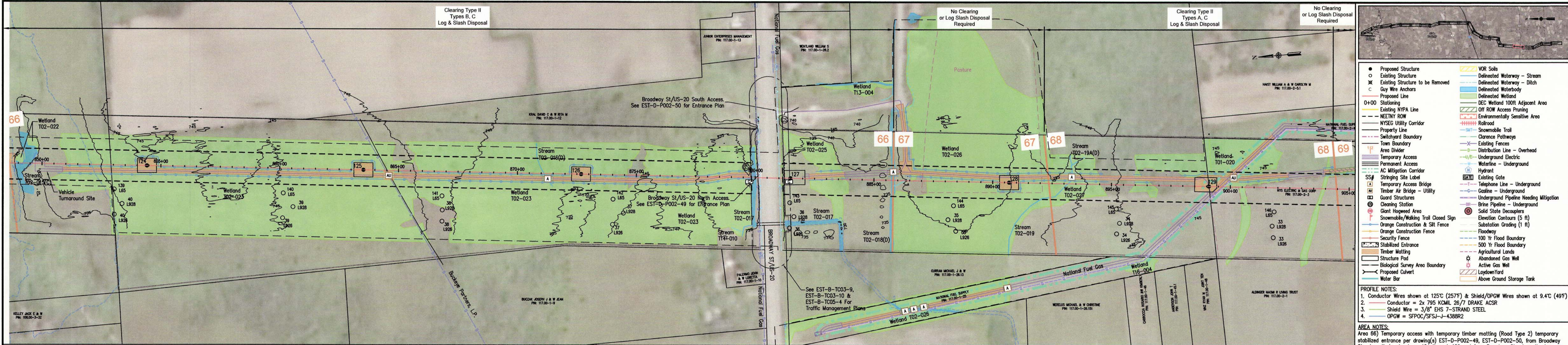
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ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
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VERT. SCALE: 1" = 20'	HORIZ. SCALE: 1" = 200'	

EMPIRE STATE TRANSMISSION LINE
PLAN AND PROFILE
STATION 750+00 TO 800+00
EST-D-T009-16
REVISION NO : K



ACCESS ROAD TYPES

Type Description

1 Temporary gravel access

2 Temporary equipment matting and bridges

3 Temporary use of existing access roads

4 Permanent switchyard access

REFERENCE DRAWINGS

1. Maintenance & Protection of Traffic Plans can be found in Appendix R.

EXISTING FENCES

1. Existing fences to be removed and replaced in kind.

CLEARING TYPES

Type Description

I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.

II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type II clearing zones.

III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.

IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES

Type Description

A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.

B Vegetation top and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.

C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES

1. Clearing Type I will be present throughout the project.

2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders.

3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS

1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.

2. Orange construction fence to be installed perpendicular to pipeline crossings.

AC MITIGATION NOTE:

AC mitigation will be completed within an approximately 20-foot-wide workspace, contained entirely within the AC mitigation corridor, wherein a ditch with or similar trenching device will make a single overland pass down the length of the pipeline to excavate a 2-4-foot wide trench and install a zinc ribbon approximately 3-5 feet below grade; excluding wetlands where the trench will be 1-2 feet wide and 3-4 feet deep. The underground zinc ribbon ground conductor will extend to within approximately 5 feet of the top of bank of delineated streams where it will terminate. It will then continue from the opposite side of the stream at the same distance from the adjoining top of bank. A 4x4-foot-wide workspace will also be used at the indicated locations along the AC mitigation corridor to install solid state decouplers. AC mitigation work in agricultural areas will be done in dry or frozen conditions. If this is not possible, timber matting will be installed to move equipment through AC mitigation areas.

AREA NOTES:

Area 66) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-49, EST-D-P002-50, from Broadway Street north to structures 124 through 126 and from Broadway Street south along an existing road (Road Type 3) and then west and north to structure 127 (Road Types 2 & 1). A 60" diameter culvert would be installed on the northern entrance.

Clearing Type II

Disposal Types B, C

• Orange construction and silt fence to be placed around each structure pad except structure 127. A temporary access bridge should be installed north of the driveway leading toward structure 126, just north of structure 125, and where access road approaches 127 from area 67, per drawing EST-D-P002-105. Timber matting, silt and orange construction fences to be installed where access roads encroach wetlands. A utility timber air bridge should be installed just south of structure 125 over the Buckeye Partner LP pipeline, per drawing EST-D-P002-105.

• Separately, temporary access east of and parallel to National Fuel Gas line to provide access for AC mitigation.

• Vulnerable soils VE/VW are present in this area.

Area 67) Temporary access with temporary timber matting (Road Type 2) spurring off an existing road to an intersection between structures 127 and 128, then south towards structure 128. Matting, silt and orange construction fences to be installed where encroaching on wetland. Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation.

No clearing in this section.

No vegetation disposal in this section.

• Vulnerable soils VE/VW are present in this area.

Area 68) Temporary access with temporary timber matting (Road Type 2) from structure 128 to structure 129 and then toward structure 130. Some areas between structure 129 and 130 are Type 1 roads when the road is outside of the wetland boundary. Temporary access toward northwest and southeast, adjacent to National Fuel Gas line to provide access for AC mitigation.

Clearing Type II

Disposal Types A, C

• Timber matting, silt and orange construction fences placed around access and structure pad where encroaching on wetland, except on south and west side of structure pad 129 where work area is immediately adjacent to gas line and orange construction fence is to be used only.

• Vulnerable soils VE/VW are present in this area.

Area 69) Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-51, EST-D-P002-52, from William Kidder Road to north to structure 130 and south to structure 131.

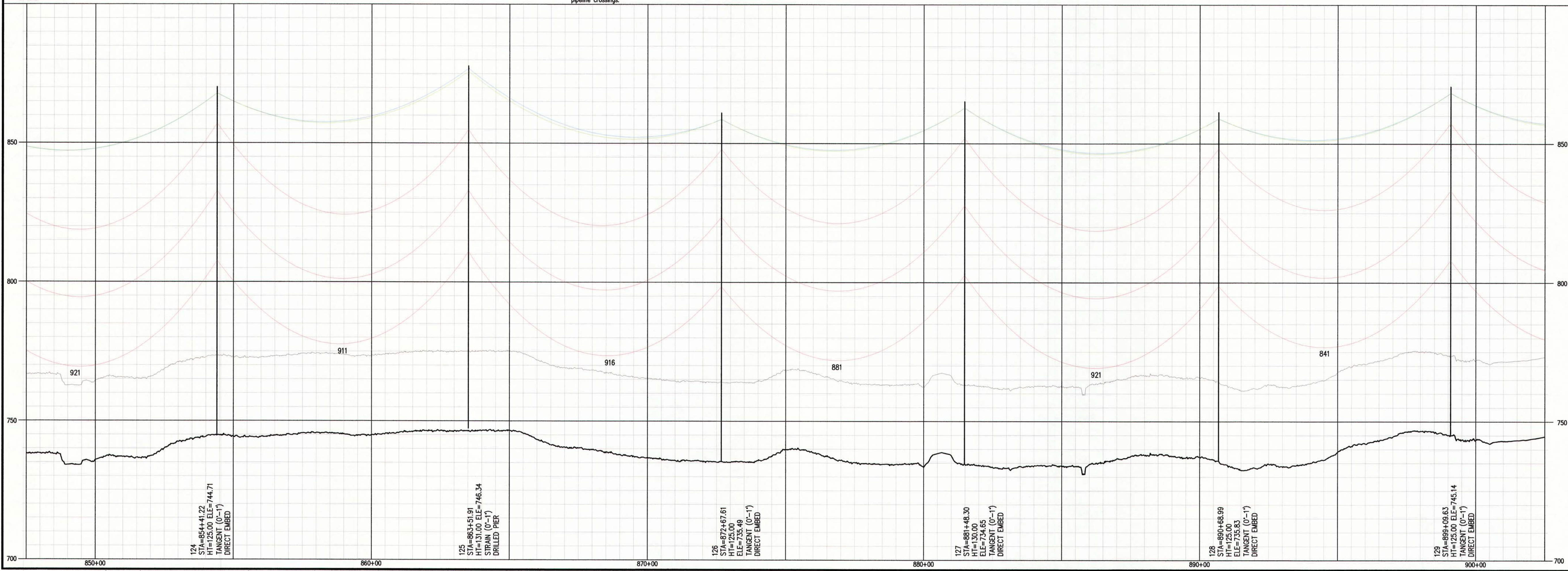
The majority of this section is on the edge of agriculture without clearing, however pruning will be required where the access road leaves the project ROW.

Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation.

Type C disposal will be required for pruned area.

• Vulnerable soils VE/VW are present in this area.

• Concrete washout to be placed in an upland area.



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K	ISSUED FOR PERMITTING	09/15/20	MAH	RSD
J	ISSUED FOR REVIEW	08/05/20	MAH	RSD
I	ISSUED FOR REVIEW	06/22/20	MAH	RSD
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G	PRELIMINARY	04/24/20	MAH	RSD
NO	REVISION	DATE	BY	APR

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TRANSMISSION
NEW YORK

ENGINEERING RECORD		DATE
DRAWN	M. BURTELL	11/19/19
DESIGNED	M. HOHN	11/19/19
CHECKED	R. DAVIS	11/22/19
APPROVED		
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'	

EMPIRE STATE TRANSMISSION LINE

PLAN AND PROFILE

STATION 850+00 TO 900+00

EST-D-T009-18

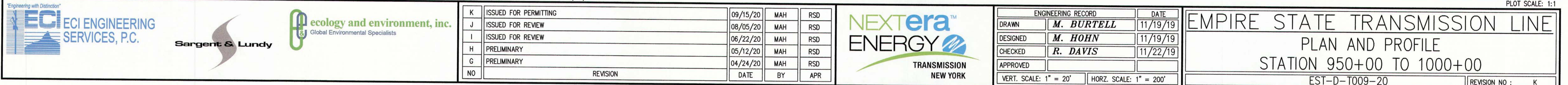
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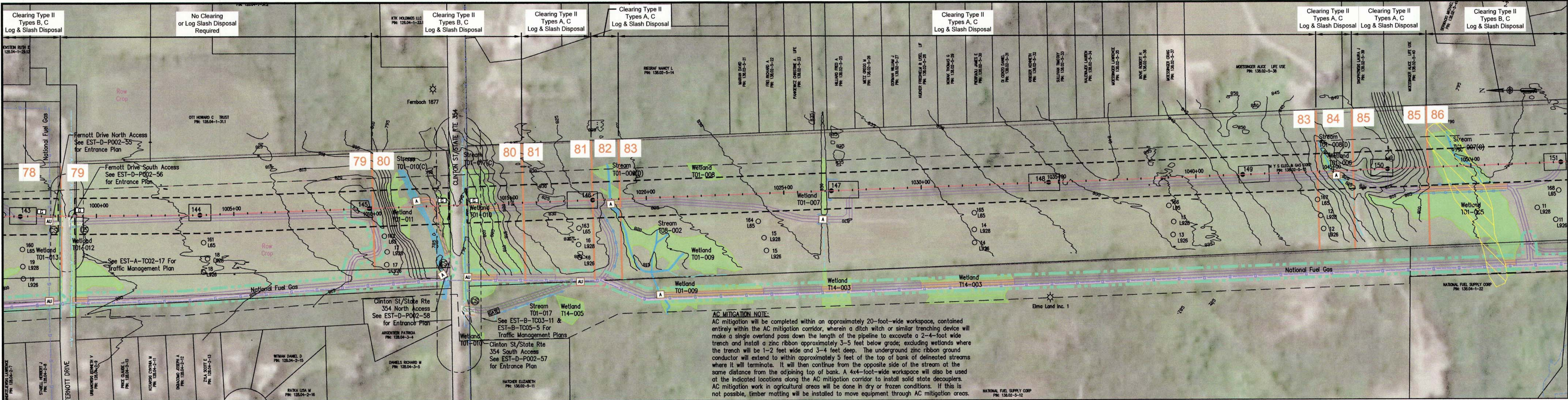
NOTES:

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2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

SIGNATURE: 9/30/2022
EXPIRATION DATE OF THE LICENSE: 9/30/2022





ACCESS ROAD TYPES
Type Description
1. Temporary gravel access
2. Temporary equipment matting and bridges
3. Temporary use of existing access roads
4. Permanent switchyard access

CLEARING TYPES
Type Description
I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.
II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type I clearing zones.
III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.
IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES
Type Description
A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.
B Vegetation log and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.
C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
1. Clearing Type I will be present throughout the project.
2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYSEC quarantine orders.
3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.
4. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
5. Orange construction fence to be installed perpendicular to pipeline crossings.

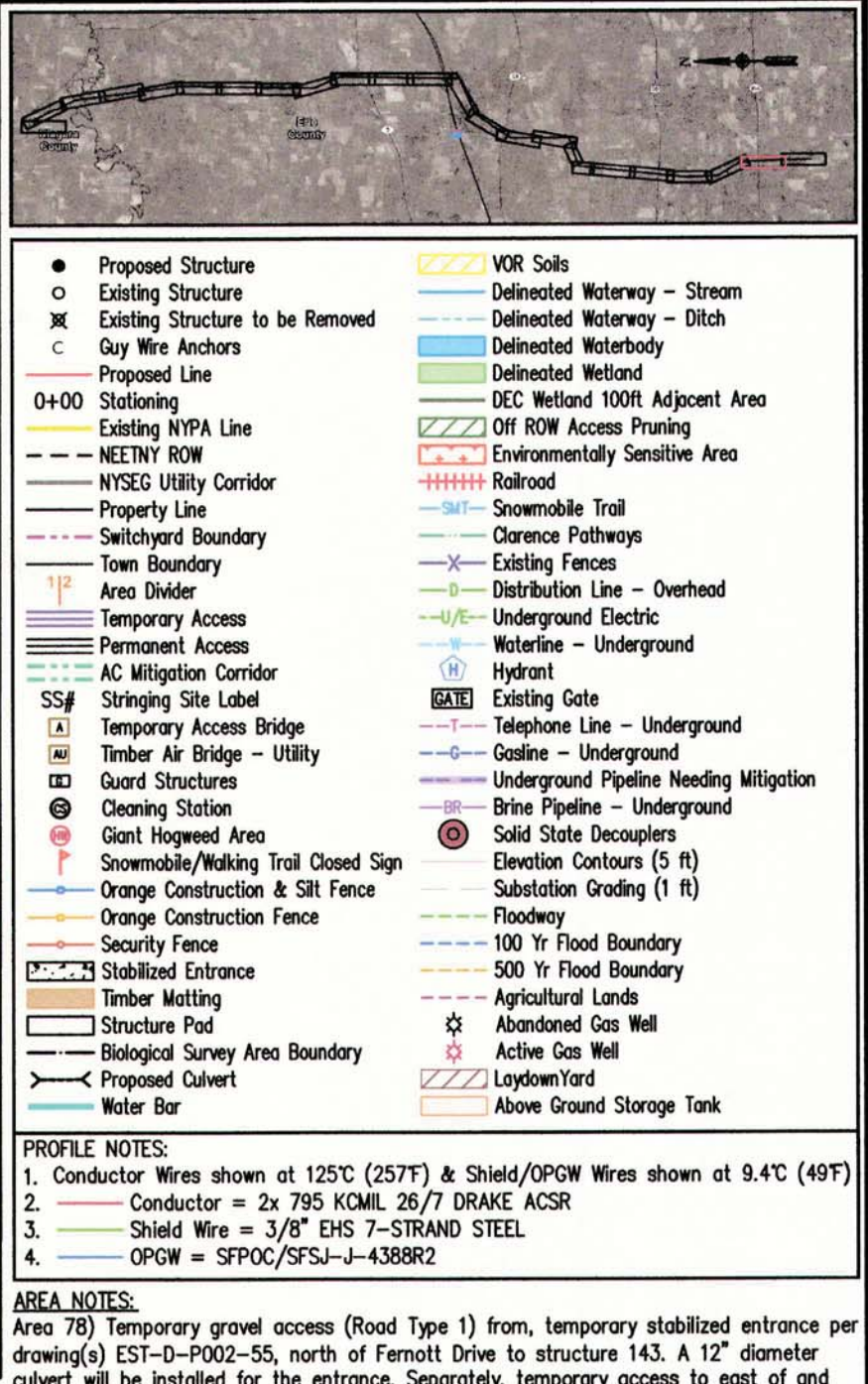
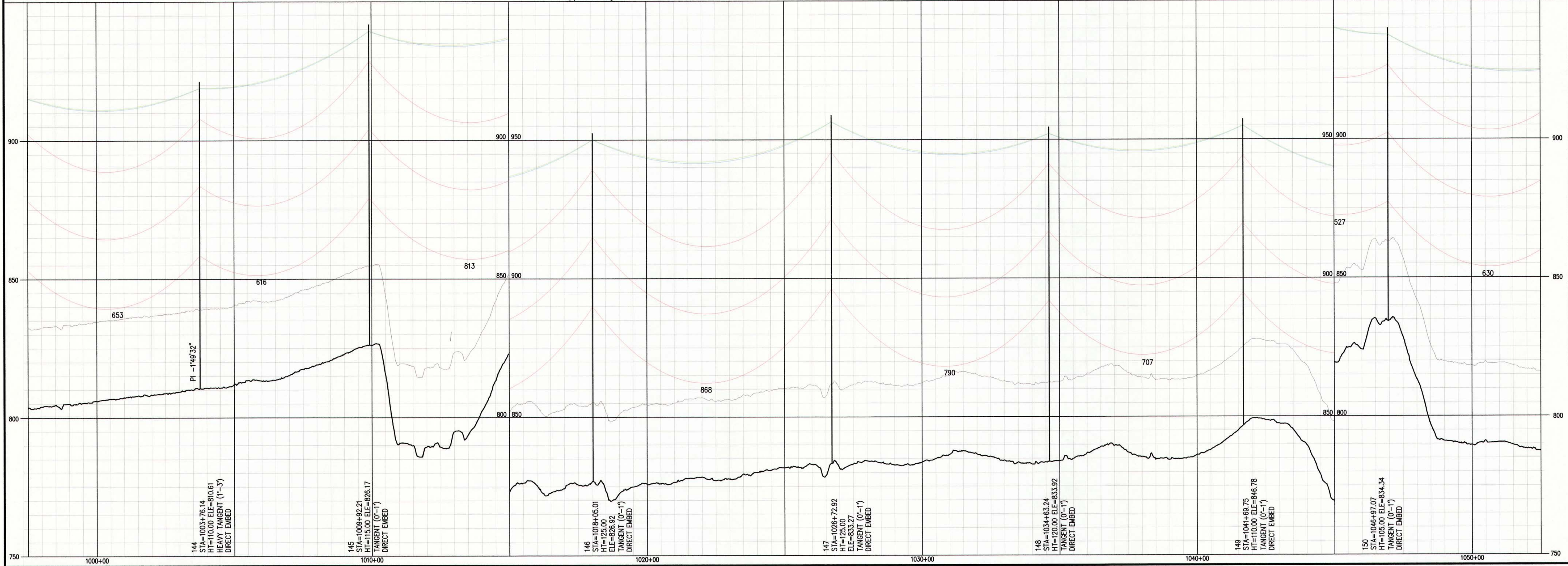
PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
2. Orange construction fence to be installed perpendicular to pipeline crossings.

AC MITIGATION NOTE:
AC mitigation will be completed within an approximately 20-foot-wide workspace, contained entirely within the AC mitigation corridor, wherein a ditch with or similar trenching device will make a single overland pass down the length of the pipeline to excavate a 2-4-foot wide trench and install a zinc ribbon approximately 3-5 feet below grade, excluding wetlands where the trench will be 1-2 feet wide and 3-4 feet deep. The underground zinc ribbon ground conductor will extend to within approximately 5 feet of the top of bank of delineated streams where it will terminate. It will then continue from the opposite side of the stream at the same distance from the adjoining top of bank. A 4x4-foot-wide workspace will also be used at the indicated locations along the AC mitigation corridor to install solid state decouplers. AC mitigation work in agricultural areas will be done in dry or frozen conditions. If this is not possible, timber matting will be installed to move equipment through AC mitigation areas.

AREA NOTES CONTINUED:
Area 84) Temporary gravel access with temporary timber matting (Road Type 1) between structures 149 and 150, except where encroaching wetlands. Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation.
Clearing Type II
Disposal Types A, C
• Temporary access bridge per drawing EST-D-P002-106 to be placed over waterway on access road, and wetland BMP's to be installed north and south.
• Vulnerable soil VW is present in this area.

AREA NOTES CONTINUED:
Area 85) Temporary gravel access (Road Type 1) including the structure 150 work pod. Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation.
Clearing Type II
Disposal Types A, C
• Vulnerable soil VE/VW is present in this area.

AREA NOTES CONTINUED:
Area 86) Temporary access with temporary timber matting (Road Type 2) through wetlands T01-004 T01-005 Gravel access (Road Type 1) from the wetland boundary to Structure 151 and to the clearing area between Little Buffalo Creek and its tributary to the south. Temporary access with temporary timber matting (Road Type 2) extends all the way to the south edge of T01-004 for tree clearing in Right of Way. Pruning will be required where access roads are installed outside of the project right of way.
Clearing Type II
Disposal Types B, C
• Temporary access bridges per drawing(s) EST-D-T010-2 should be installed on the creek crossings to access structure 152 and tree clearing area between structures 151 and 152. Larger temporary access bridge or prefabricated bridge may be required.
• Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation south to base of steep hill.
• Vulnerable soils VE/VW are present in this area. VOR soils contain organic mucklands.



PROFILE NOTES:
1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)
2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR
3. Shield Wire = 3/8" EHS 7-STRAND STEEL
4. OPGW = SFPOC/SFSJ-J-4368R2

AREA NOTES:
Area 78) Temporary gravel access (Road Type 1) from, temporary stabilized entrance per drawing(s) EST-D-P002-55, north of Fennott Drive to structure 143. A 12" diameter culvert will be installed for the entrance. Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation.
Clearing Type II
Disposal Types B, C
• Vulnerable soils VE/VW are present in this area.

Area 79) Temporary gravel access (Road Type 1) temporary stabilized entrance per drawing(s) EST-D-P002-56, south of Fennott Drive to structures 144 and 145. A 12" diameter culvert will be installed for the entrance. Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation north of steep hill.
No clearing in this section.
• Install silt fence on the south side of structure 145.
• Vulnerable soil VW is present in this area.

Area 80) Area between structures 145 and 146. Temporary use of existing access road (Road Type 3) from permanent stabilized entrance, per drawing(s) EST-D-P002-57, south from Clinton St towards structure 146. Silt fence to be installed on the west side of access road to protect stream T01-017. A temporary gravel access road (Type 1) will also be installed extending north from area 81 to clear trees in Right of Way near Clinton Street. Additionally, per drawing(s) EST-D-P002-58, temporary access with temporary timber matting (Road Type 2) will also be installed heading north from Clinton St. for tree clearing in Right of Way. Temporary access will spur northwest off of Type 2 road to provide access for AC mitigation for National Fuel Gas line at base of hill.
Clearing Type II
Disposal Types B, C
• An temporary access bridge will be installed across Stream T01-010.
• Pruning will be required for off right of way access on each side of Clinton Street.
• Vulnerable soils VE/VW are present in this area.

Area 81) Temporary access with temporary timber matting (Road Type 2) to gas line crossing, pipeline crossing BMP's to be installed per drawing(s) EST-D-P002-108. Temporary access toward north and south, adjacent to National Fuel Gas line to provide access for AC mitigation.
Clearing Type II
Disposal Types A, C
• Vulnerable soils VE/VW are present in this area.

Area 82) Temporary gravel access headed east from the Clinton Street Access (Road Type 1) toward structure 146. Temporary access to east of and parallel to National Fuel Gas line going south to provide access for AC mitigation.
Clearing Type II
Disposal Types A, C
• Silt fence on the south side of the spur access road to protect stream system.
• Temporary access bridge per drawing EST-D-P002-108 on access south of structure 146.
• Vulnerable soils VE/VW are present in this area.

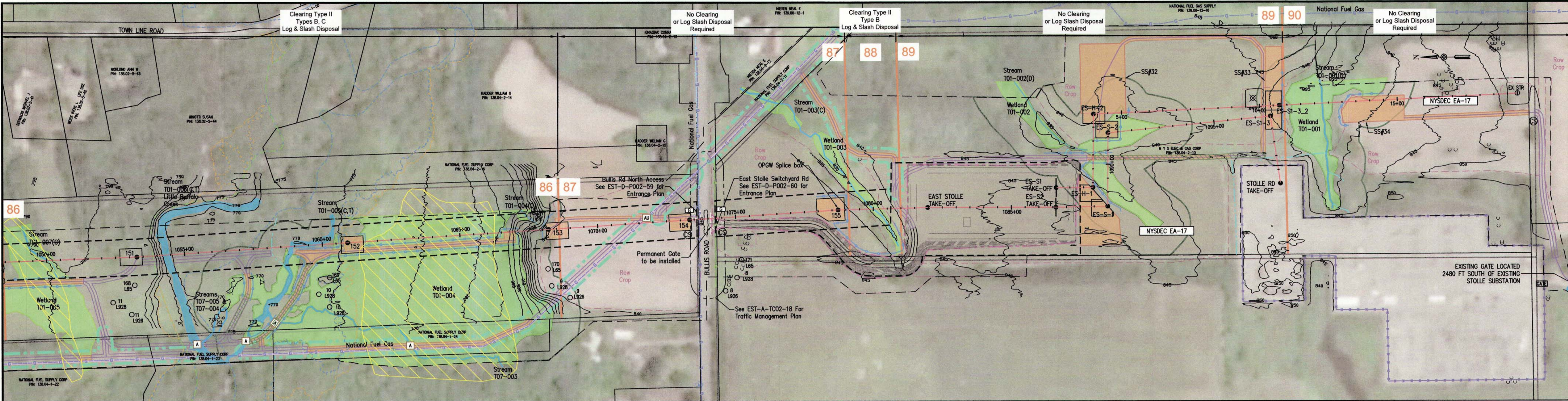
Area 83) Temporary gravel Access (Road Type 1) proceeding south from structure 146 toward structures 147-149. Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation.
Clearing Type II
Disposal Types A, C
• Temporary access bridges per drawing(s) EST-D-T010-2 access road approaching structure 147.
• Silt and orange construction fence on the north side of the structure 147 work pod.
• Vulnerable soils VE/VW are present in this area.

NOTES:
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9/30/2022

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GLEN A. SMITH
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093689
9/30/2022

EXPIRATION DATE OF THE LICENSE



ACCESS ROAD TYPES
Type Description
1 Temporary gravel access
2 Temporary equipment matting and bridges
3 Temporary use of existing access roads
4 Permanent switchyard access

CLEARING TYPES
Type Description
I Clearing of the designated areas of all woody plants, including desirable species, in circumstances where woody plants would hinder access and construction activities.
II Clearing of the designated areas of any woody plant species that have the potential to violate the minimum clearance distance. Reasonable care will be taken to retain desirable species found within Type I clearing zones.
III Selectively clearing the designated areas and removing only those tall-growing species that can be expected to violate the minimum clearance distance at any point in their life.
IV Selectively removing or pruning.

SLASH AND LOG DISPOSAL TYPES
Type Description
A Vegetation chipping and disposal in upland areas to a maximum depth of 3 inches.
B Vegetation lap and drop so that the slash lies as close to the ground as practicable, with branches and limb wood not exceeding an average depth of twenty-four (24) inches. No log or slash will be collected and permanently piled in wetlands.
C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
1. Clearing Type I will be present throughout the project.
2. All ash trees encountered during clearing will be either chipped and left in place or hauled out and disposed of in accordance with NYDEC quarantine orders.
3. If excess soils are generated during road construction, topsoil to be stockpiled within the indicated limits of disturbance for access road construction.

PIPELINE CROSSINGS
1. GC to field locate & verify depth of all existing utilities as shown on the plans & prior to construction.
2. Orange construction fence to be installed perpendicular to pipeline crossings.

AC MITIGATION NOTE
AC mitigation will be completed within an approximately 20-foot-wide workspace, contained entirely within the AC mitigation corridor, wherein a ditch with or similar trenching device will make a single overland pass down the length of the pipeline to excavate a 2-4-foot wide trench and install a zinc ribbon approximately 3-5 feet below grade, excluding wetlands where the trench will be 1-2 feet wide and 3-4 feet deep. The underground zinc ribbon ground conductor will extend to within approximately 5 feet of the top of bank of delineated streams where it will terminate. It will then continue from the opposite side of the stream at the same distance from the adjoining top of bank. A 4x4-foot-wide workspace will also be used at the indicated locations along the AC mitigation corridor to install solid state decouplers. AC mitigation work in agricultural areas will be done in dry or frozen conditions. If this is not possible, timber matting will be installed to move equipment through AC mitigation areas.

PROFILE NOTES:
1. Conductor Wires shown at 125°C (257°F) & Shield/OPGW Wires shown at 9.4°C (49°F)
2. Conductor = 2x 795 KCMIL 26/7 DRAKE ACSR
3. Shield Wire = 3/8" EHS 7-STRAND STEEL
4. OPGW = SFP0C/SFSJ-J-4368R2

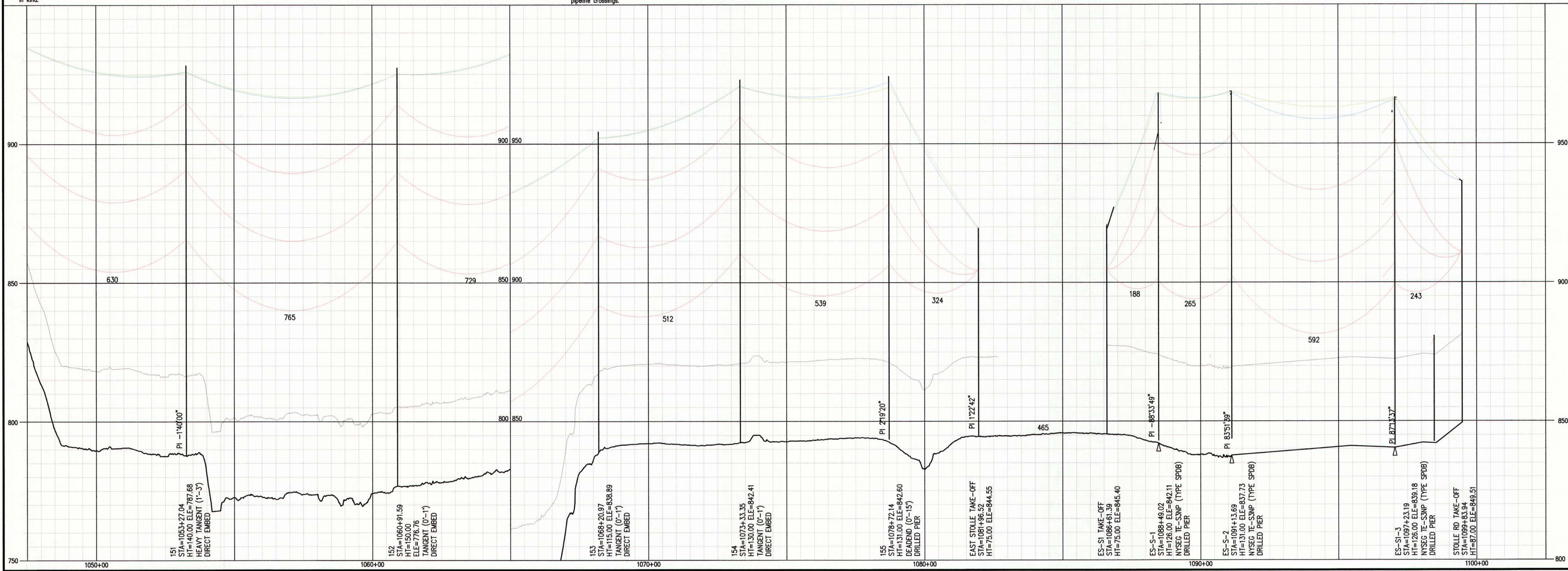
AREA NOTES:
Area 86 Temporary access with temporary timber matting (Road Type 2) through wetlands T01-004 T01-005 Gravel access (Road Type 1) from the wetland boundary to Structure 151 and to the clearing area between Little Buffalo Creek and its tributary to the south. Temporary access with temporary timber matting (Road Type 2) extends all the way to the south edge of T01-004 for tree clearing in Right of Way. Pruning will be required where access roads are installed outside of the project right of way.
Clearing Type II
Disposal Types B, C
• Temporary access bridges per drawing(s) EST-D-T010-2 should be installed on the creek crossings to access structure 152 and tree clearing area between structures 151 and 152. Larger temporary access bridge or prefabricated bridge may be required.
• Separately, temporary access to east of and parallel to National Fuel Gas line to provide access for AC mitigation south to base of steep hill.
• Vulnerable soils VOR/VE/VW are present in this area. VOR soils contain organic mucklands.

Area 87 Temporary access with temporary timber matting (Road Type 2) temporary stabilized entrance per drawing(s) EST-D-P002-59, north to structure 154 & 153. Permanent switchyard access (Road Type 4) permanent stabilized entrance per drawing(s) EST-D-P002-60, south to structure 155 and East Stolle Switchyard. An 18" culvert would be installed for the north entrance. Pipeline crossing BMP's to be installed per drawing(s) EST-D-P002-105 north of 154.
No clearing in this section.
• Temporary access adjacent to National Fuel Gas line to provide access for AC mitigation. North of Bullis Road this entails access from timber mat access. South of Bullis Road this entails access from Bullis Road east of the main switchyard road and continuing until Stream T01-003 (c). AC mitigation south of stream to be reached separately via temporary access from northeast of East Stolle Switchyard in Area 88.
• Orange construction and silt fence north of structure 153 and south of structure 155. Access to structure 155 should use permanent road to East Stolle Switchyard (Road Type 4).
• Vulnerable soils VE/VW are present in this area.
• Concrete washout to be placed in an upland area.

Area 88 Permanent switchyard access road (Road Type 4) from portion of permanent access to East Stolle Switchyard. Temporary access to northeast to provide access for AC mitigation in Area 87.
Clearing Type II
Disposal Type B
• Vulnerable soils VE/VW are present in this area.

Area 89 Temporary use of existing access road (Road Type 3) along east side of East Stolle Switchyard, transitioning to temporary access with temporary timber matting (Road Type 2) between switchyards and then back to temporary use of Existing Access Road (Road Type 3) adjacent to existing Stolle Switchyard. Several matted structure work areas and matted access are included in this area for East Stolle's interconnection into the existing substation.
No clearing in this section.
No vegetation disposal in this section.
• Vulnerable soils VE/VW are present in this area.

Area 90 Temporary gravel access (Road Type 1) proceeding from existing Stolle Substation access driveway, turning east then north and transitioning to temporary access with temporary timber matting (Road Type 2) continuing north to southernmost pull site.
No clearing in this section.
No vegetation disposal in this section.
• Orange construction and silt fence on north side of pull site.
• Vulnerable soils VE/VW are present in this area.



NOTES:
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2. Under New York state education law article 145 (engineering), section 7209 (2), it is a violation of the law for any person, unless acting under the direction of a licensed professional engineer, to alter this document.

STATE OF NEW YORK
PARIKH KUNTH VINAY
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SIGNATURE: 9/30/2022
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GLEN A. SMITH
LICENSED PROFESSIONAL ENGINEER
093689
SIGNATURE: 9/30/2022
EXPIRATION DATE OF THE LICENSE

PLOT SCALE: 1" = 1'

Engineering with Distinction

ECI ENGINEERING SERVICES, P.C.

Sargent & Lundy

ecology and environment, inc.
Global Environmental Specialists

K	ISSUED FOR PERMITTING	09/15/20	MAH	RSD
J	ISSUED FOR REVIEW	08/05/20	MAH	RSD
I	ISSUED FOR REVIEW	06/22/20	MAH	RSD
H	PRELIMINARY	05/12/20	MAH	RSD
G	PRELIMINARY	04/24/20	MAH	RSD
NO	REVISION	DATE	BY	APR

NEXTERA ENERGY

TRANSMISSION NEW YORK

ENGINEERING RECORD	DATE
DRAWN M. BURTELL	11/19/19
DESIGNED M. HOHN	11/19/19
CHECKED R. DAVIS	11/22/19
APPROVED	
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'

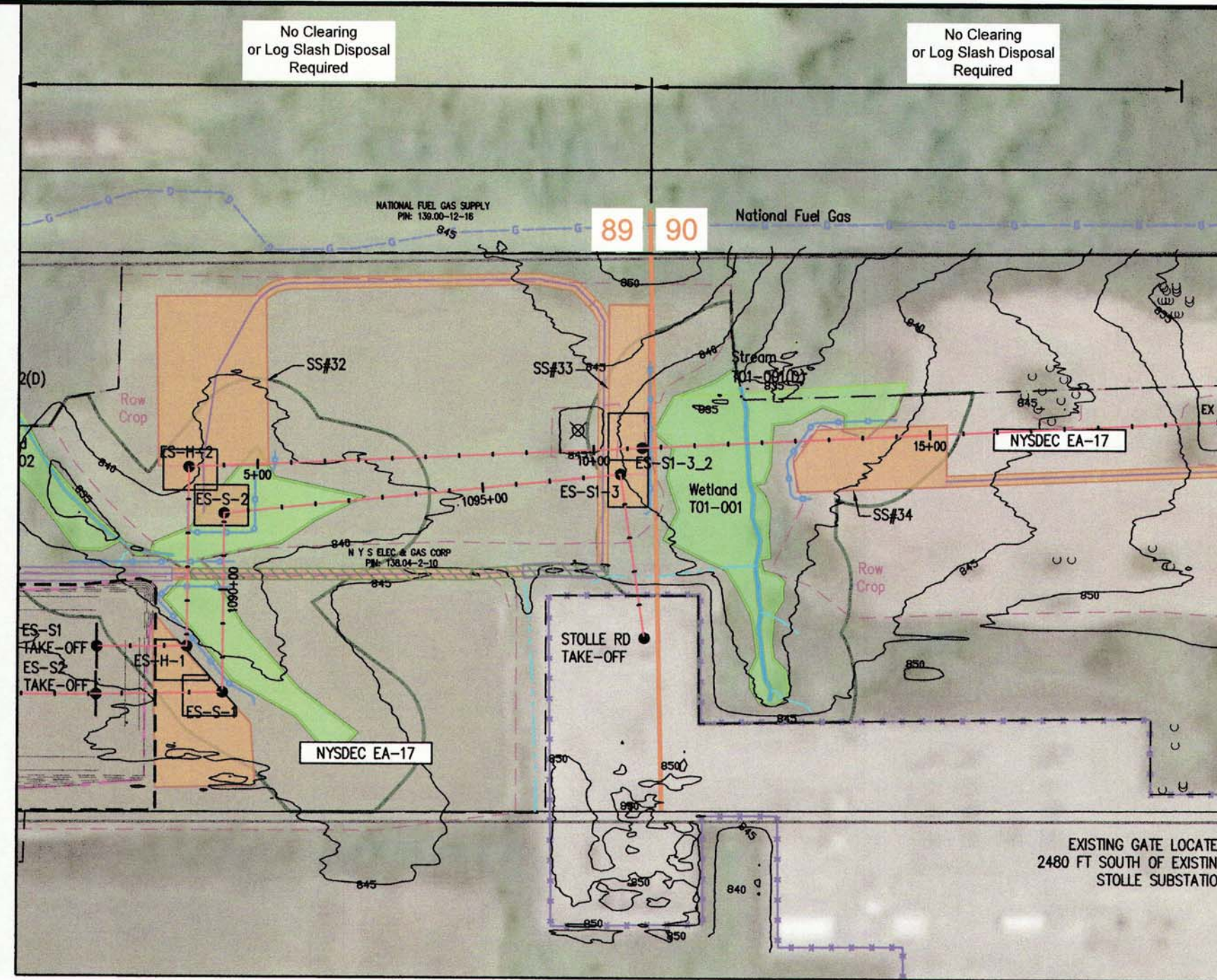
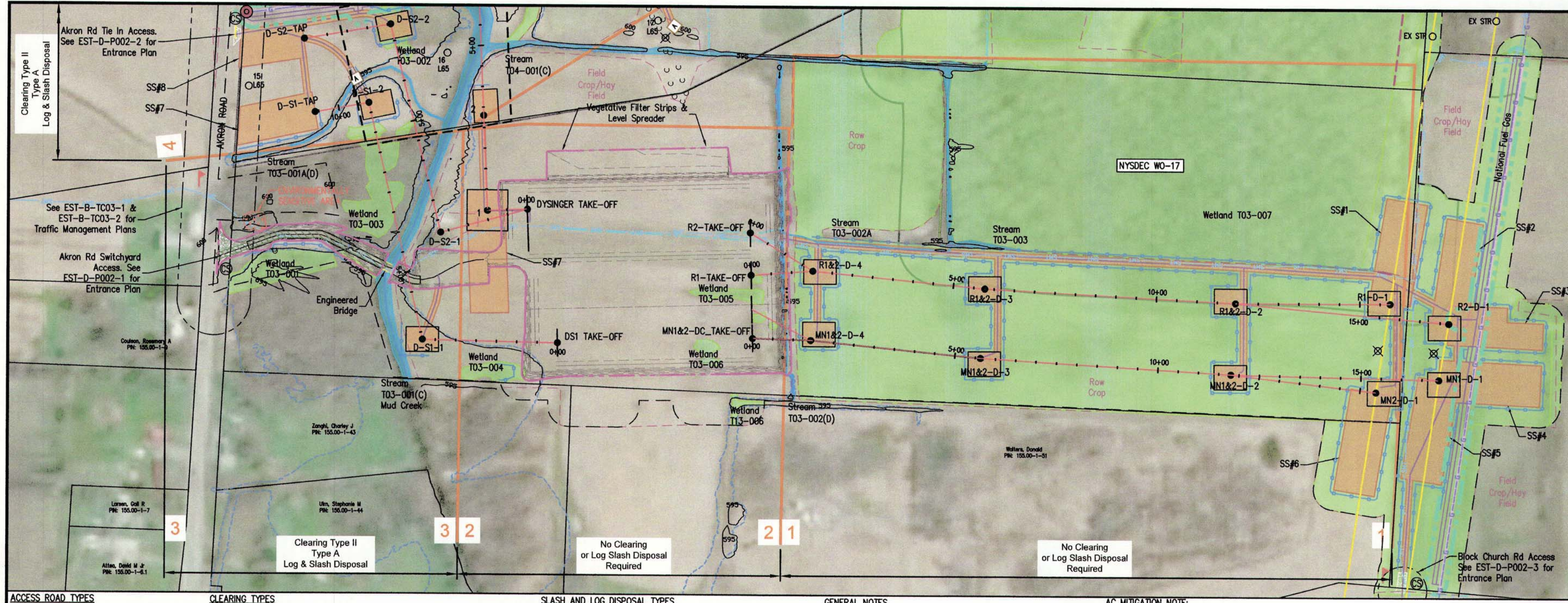
EMPIRE STATE TRANSMISSION LINE

PLAN AND PROFILE

STATION 1050+00 TO 1100+00

EST-D-T009-22

REVISION NO: K



ACCESS ROAD TYPES
Type Description
1 Temporary gravel access
2 Temporary equipment matting and bridges
3 Temporary use of existing access roads
4 Permanent switchyard access

REFERENCE DRAWINGS
1. Maintenance & Protection of Traffic Plans can be found in Appendix R.

EXISTING FENCES
1. Existing fences to be removed and replaced in kind.

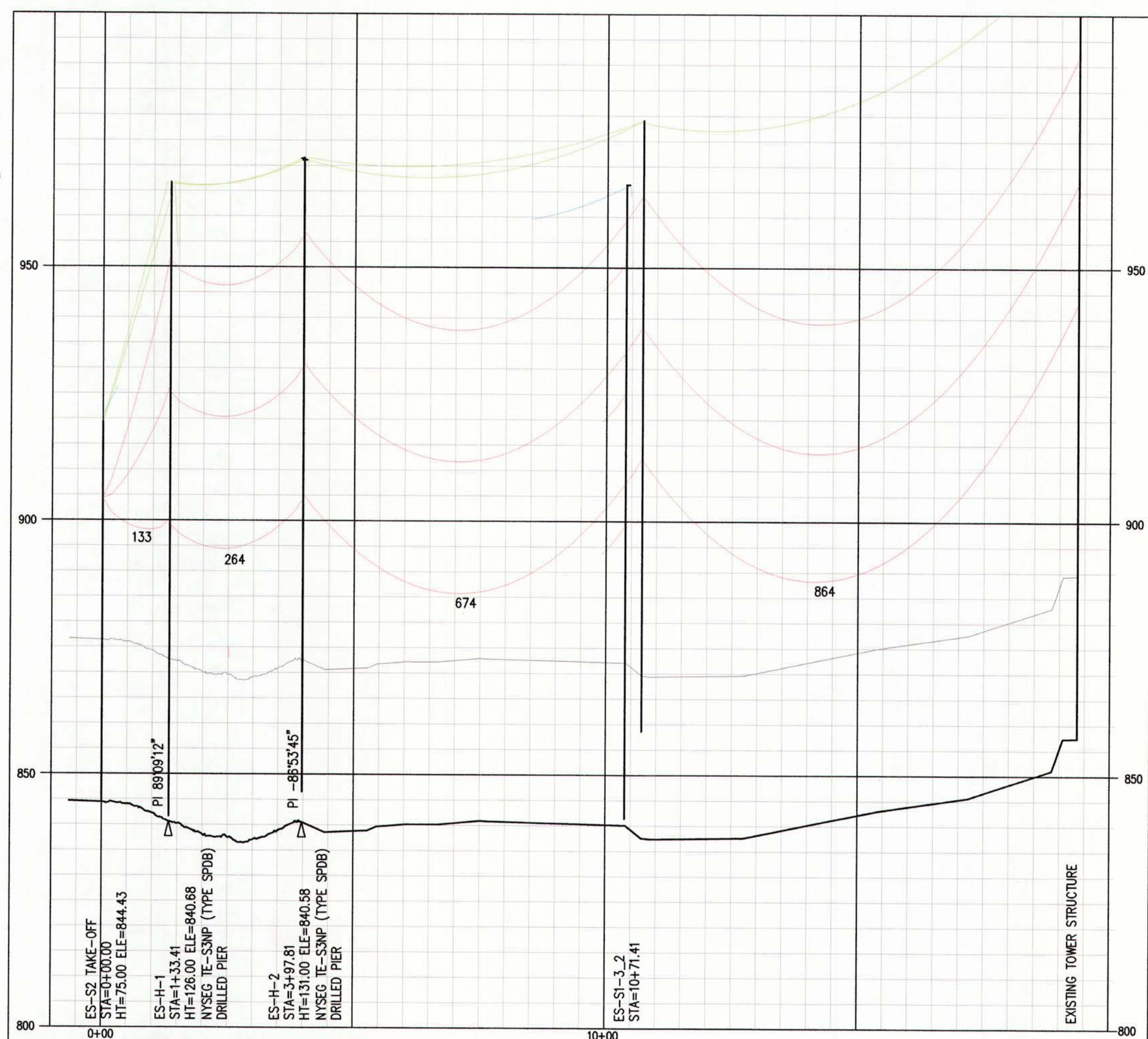
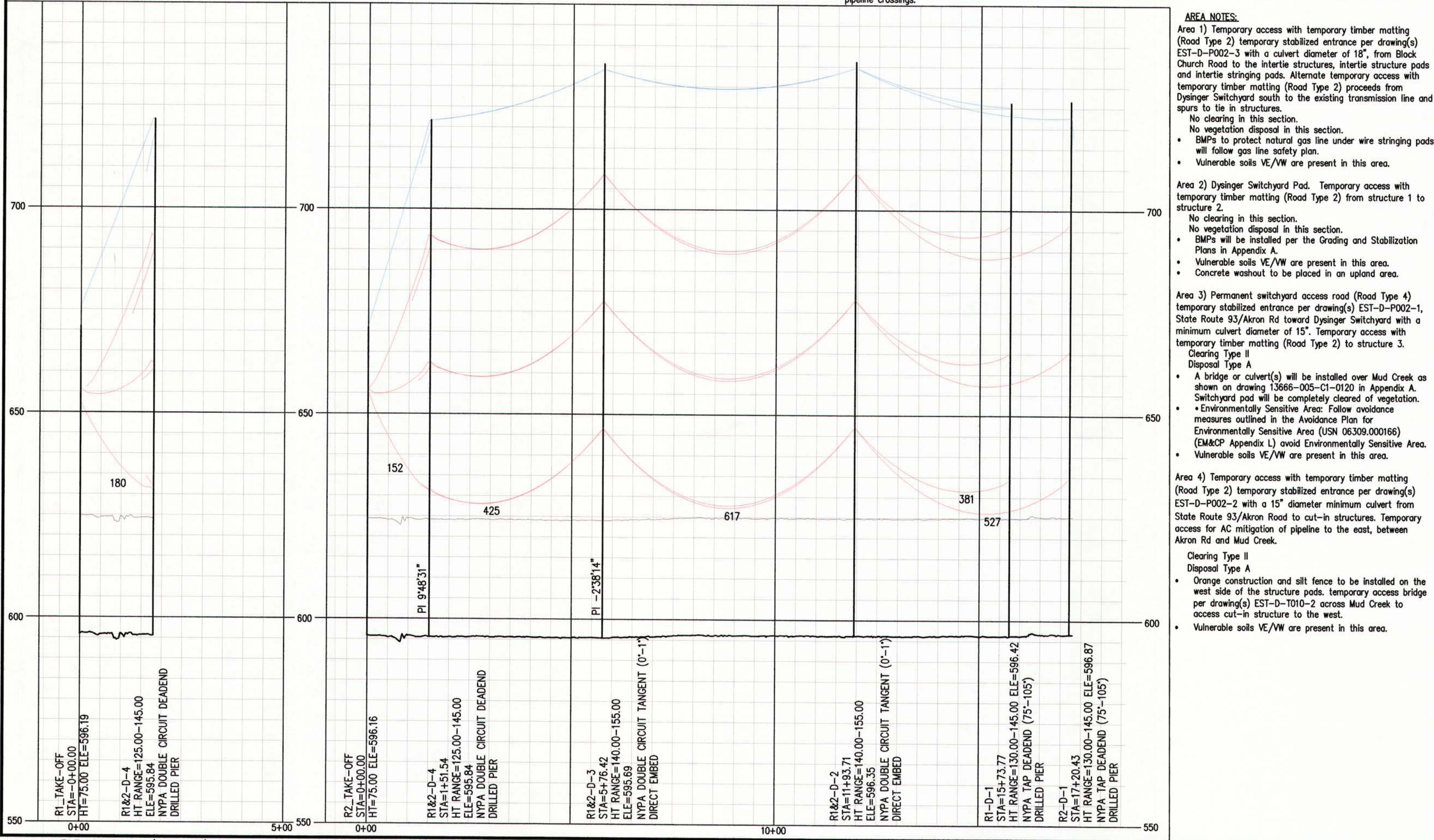
CLEARING TYPES
Type Description
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Type Description
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C Removal of vegetation from the ROW to designated disposal locations.

GENERAL NOTES
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PIPELINE CROSSINGS
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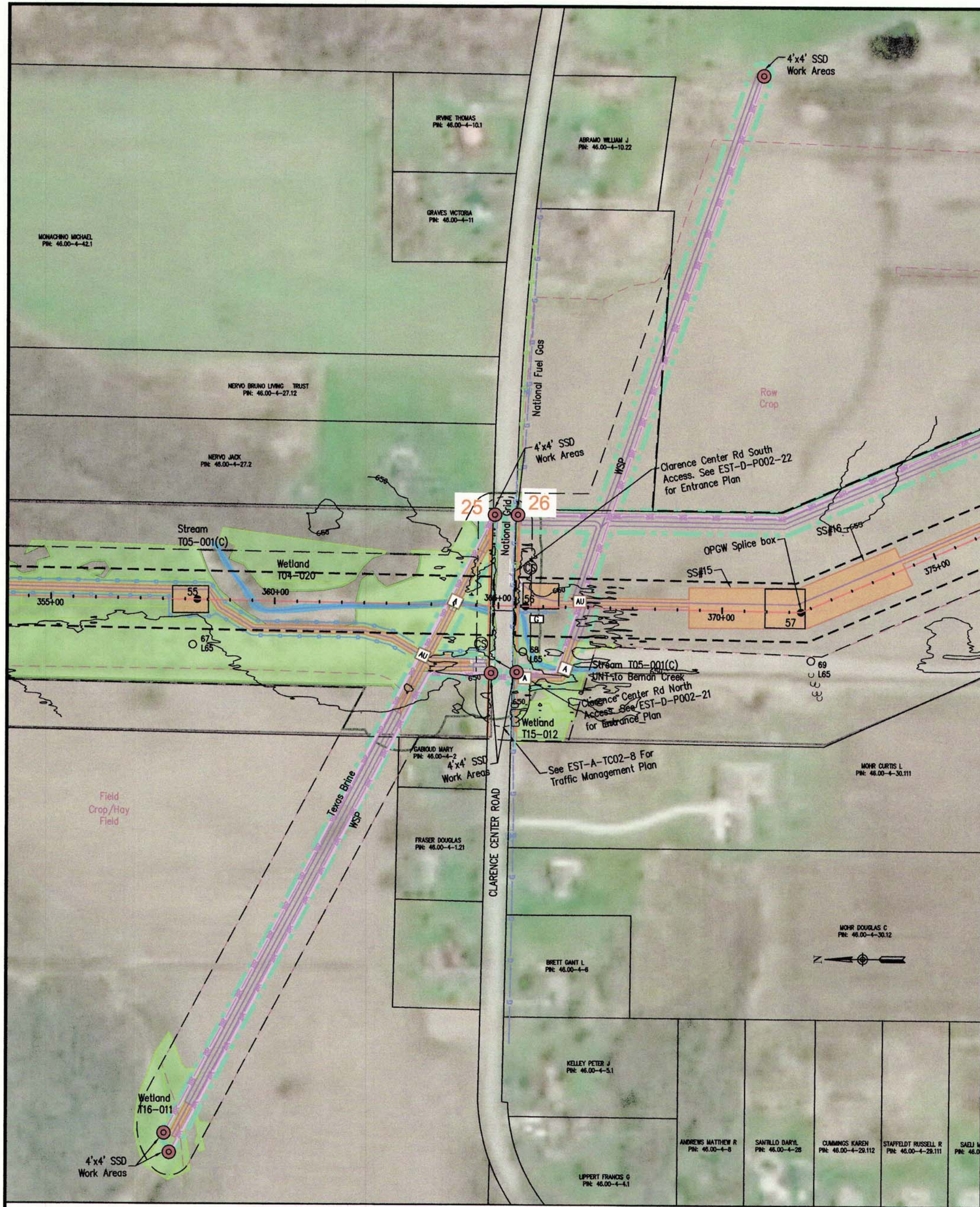


AREA NOTES:
Area 89) Temporary use of existing access road (Road Type 3) along east side of East Stalle Switchyard, transitioning to temporary access with temporary timber matting (Road Type 2) between switchyards and then back to temporary Use of Existing Access Road (Road Type 3) adjacent to existing Stalle Switchyard. Several matted structure work areas and matted access are included in this area for East Stalle's interconnection into the existing substation.
No clearing in this section.
No vegetation disposal in this section.
Vulnerable soils VE/VW are present in this area.
Area 90) Temporary gravel access (Road Type 1) proceeding from existing Stalle Substation access driveway, turning east then north and transitioning to temporary access with temporary timber matting (Road Type 2) continuing north to southernmost pull site.
No clearing in this section.
Orange construction and silt fence on north side of pull site.
Vulnerable soils VE/VW are present in this area.

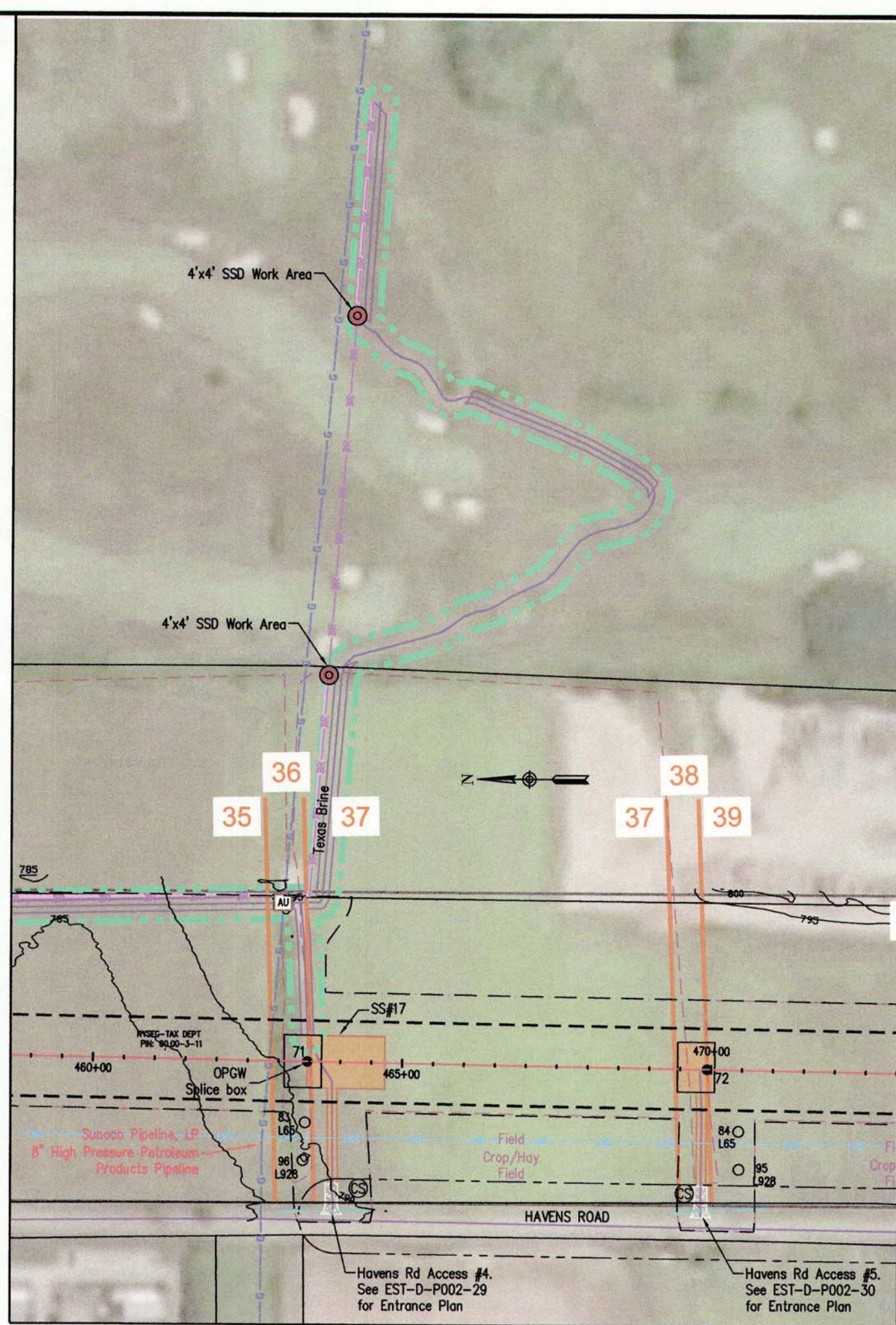
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STATE OF NEW YORK
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REGISTERED PROFESSIONAL ENGINEER
087778
9/30/2022

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GLEN SMITH
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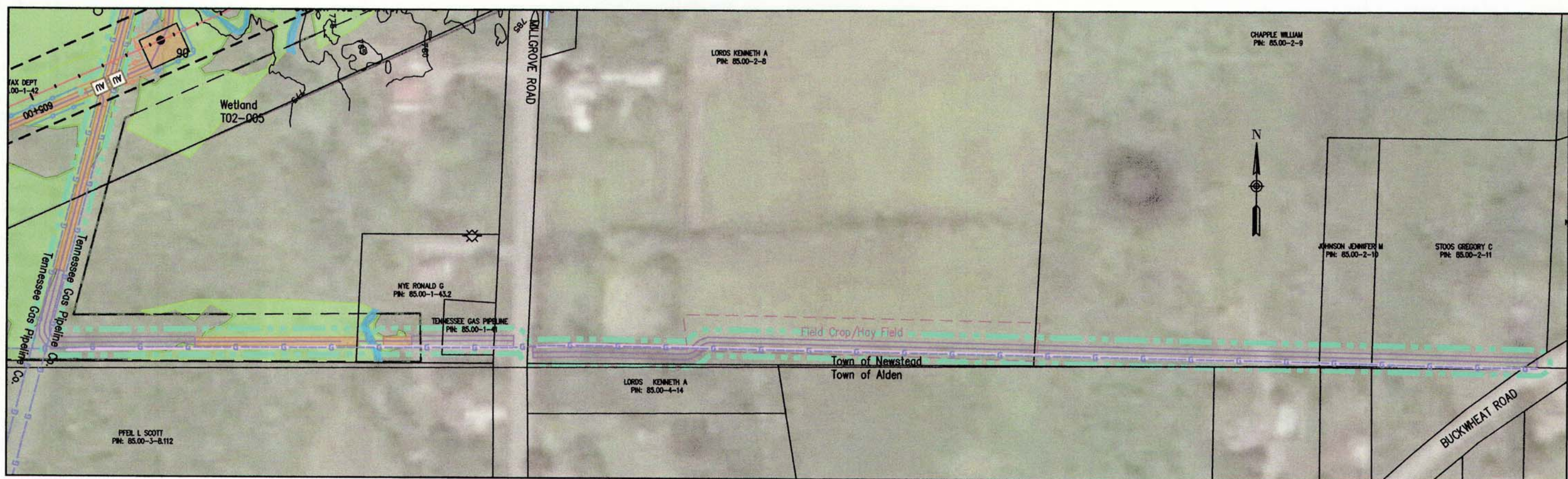
AREA A



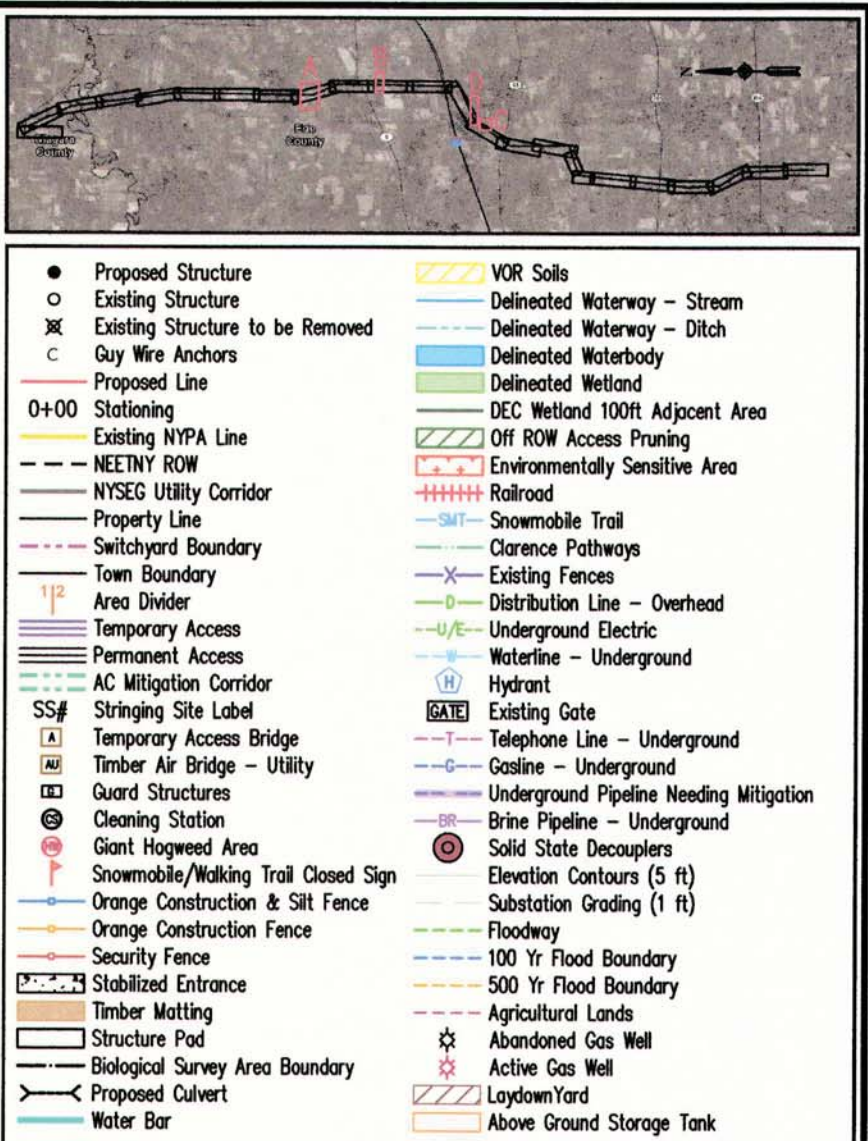
AREA B



AREA C



AREA D



AREA NOTES:
Additional Areas) Temporary access to provide access for AC mitigation.

ACCESS ROAD TYPES

- 1 Temporary gravel access
- 2 Temporary equipment matting and bridges
- 3 Temporary use of existing access roads
- 4 Permanent switchyard access

REFERENCE DRAWINGS

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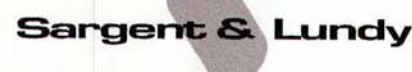
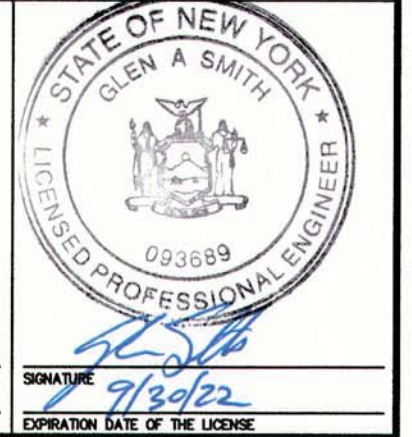
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NO	REVISION	DATE	BY	APR
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ENGINEERING RECORD	DATE
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DESIGNED	M. HOHN 11/19/19
CHECKED	R. DAVIS 11/22/19
APPROVED	
VERT. SCALE: 1" = 20'	HORZ. SCALE: 1" = 200'

EMPIRE STATE TRANSMISSION LINE
PLAN
ADDITIONAL AREAS
EST-D-T009-26
REVISION NO : B

