



CC Environment & Planning

Katlyn Hojnacki
Senior Ecologist/Operations Manager

April 13, 2022

Ms. Kimberly Merchant
Deputy Regional Permit Administrator
Division of Environmental Permits
NYS Department of Environmental Conservation

Via Email: [Merchant, Kimberly \(DEC\) <kimberly.merchant@dec.ny.gov>](mailto:Merchant, Kimberly (DEC) <kimberly.merchant@dec.ny.gov>)

Re: Request for Determination (6 CRR-NY 182.9) – WNY STAMP Plug Power Electrical Connection Project, Genesee County, New York

Dear Ms. Merchant:

Genesee County Economic Development Center (GCEDC) is proposing to construct the Western New York Science and Technology Advanced Manufacturing Park (STAMP) on approximately 1,263 acres in the Town of Alabama in Genesee County, New York (Attachment A, Figure 1). Construction of the first tenant facility, Plug Power, began in September 2021. To power this hydrogen production facility, Plug Power will need additional electrical capacity than is currently available within the STAMP Site, thus the need for a substation. Additionally, to necessitate efficient use of space at the STAMP Site, the current National Grid 115kV transmission line that traverses the northern portion of the Site will be relocated around the proposed main manufacturing campus (Attachment A, Figure 2).

Plug Power will need 225 mW of power to operate their facility. The current National Grid owned Line 112 that bisects the STAMP Site has a top capacity of 35 mW. During the relocation of the powerline, the single circuit line will be converted to a double circuit line. This will provide the needed capacity to supply the Plug Power project. That second circuit will connect the Plug Power facility to the 345 kV to 115 kV substation that will tap into the New York Power Authority (NYPA) 345 kV transmission line that crosses just north of the STAMP Site, which delivers power from the Niagara Falls hydroelectric power plant. The substation will include both NYPA and National Grid infrastructure (Attachment B).

Placement of the substation is based upon multiple criteria, including (1) connectivity and proximity to the 345 kV transmission line as the line will be broken to run through the substation, (2) near the 115 kV transmission line to reduce the amount of additional line and structures needed to tie into the existing line, (3) outside of the 300 foot buffer that surround all residences adjacent to STAMP, and (4) avoid impacts to wetlands (Attachment A, Figures 2 & 3). There is no

alternative location that is outside of the potential habitat areas as identified by NYSDEC. The total limit of disturbance for substation construction will be 21.5 acres, with 10.1 acres being solely temporary disturbance during construction and 11.4 acres of permanent impacts, including the substation and permanent access roadway from Crosby Road (Attachment A, Figure 3). See Table 1 for impacts by current habitat type.

Table 1 – Substation Impacts by Current Habitat Type			
Habitat Type	Temporary Impacts (acres)	Permanent Impacts (acres)	Total Impacts (acres)
Hay Field (SEOW/NOHA Use Documented)	3.7	4.5	8.2
Hay Field (No SEOW/NOHA Use Documented)	2.2	2.4	4.6
Forest/Hedgerows	2.9	3.7	6.6
Row Crop	0.9	0.7	1.6
Fallow – Roadside, Former Residence	0.4	0.1	0.5
TOTAL	10.1	11.4	21.5

Construction is slated to begin in mid-May 2022 and proceed until mid-October 2023, finalizing with energization of both the substation and the Plug Power Facility. The construction sequence can be found in Table 2. Construction will occur during daylight hours (typically 7am to 5pm), Monday through Saturday.

Table 2 – Substation Construction Schedule		
Activity	Estimated Start Date	Estimated End Date
Below Grade Construction: <ul style="list-style-type: none"> • Grading substation and access road • Foundation installation • Below grade grounding • Fence installation 	Mid-May 2022	Early January 2023 (Earthwork complete by August 2022)
Steel Structure Construction	Mid-October 2022	Early February 2023
Electrical Equipment Installation	Late December 2022	Late April 2023
Transformer Installation	Mid-September 2023	Mid-October 2023
Energizing Substation and Plug Power	Mid-October 2023	Mid-October 2023

For the powerline relocation project, National Grid will remove 1.2 miles of existing line, including 13 structures, and replace it with 1.9 miles of new line and 23 new steel pole structures

(Attachment A, Figure 2; Attachment C). In addition to the new poles and line, a 14-foot wide gravel access road will be installed from the laydown area (described below) to the northern end of the line, where the new line meets back up with the old line, spanning approximately 1.2 miles (Attachment A, Figure 2; Attachment C). There is one, approximately 170-foot break in the gravel road where it crosses a forested wetland (Attachment C, Sheet 8). Temporary timber matting will be placed down within this area during construction and will be removed upon completion to avoid impacts to the wetland. A gated entrance will secure access to the new gravel access road, excluding all except National Grid from utilizing it (Attachment C, Sheet 4). Use of this new road will be for construction and occasional maintenance of the power lines and right-of-way.

The relocation of the powerline was designed to maximize efficient use of the STAMP Site while minimizing impacts to the Tonawanda Seneca Nation. The possibility of re-routing the line north along Crosby Road before heading west along the northern boundary of the Site was evaluated, but this would place the line in close proximity to the substation, making it difficult to run future feeder lines from the substation without crossing under or over this existing line. Extending the line further west than the current design is not an option, as GCEDC has committed to the Nation that the powerline will not be within the 400-foot protected property buffer, and that the powerline will be the boundary marker of the buffer along this portion of the Site. Thus, there is no alternative location that is outside of the potential habitat areas as identified by NYSDEC. The 100-foot right-of-way provides an additional 100-foot buffer between the Nation and any intensive development at STAMP.

Total ground disturbance for the relocation will be 21.6 acres, located within the National Grid 100-foot right-of-way. Most of this is temporary impacts (19.5 acres), which will be re-seeded and mulched immediately following construction. The remaining 2.1 acres of permanent impacts include the gravel road and new structures. The eastern 0.6 miles of the line will cross through current row crop fields and roadsides, crossing both STAMP Drive and Crosby Road. Due to the proximity of the public roads, this portion of the line will not have a gravel access road associated with it. West of the laydown area, where the gravel road begins, the powerline will traverse 0.6 miles through a current hay field and small portion of forest (approximately 470 feet). The remaining 0.7 miles will traverse mainly through a former row crop field that has remained fallow since 2018 but will return to production in 2022. See Table 3 for full impacts by current habitat type.

Table 3 – Powerline Relocation Impacts by Current Habitat Type			
Habitat Type	Temporary Impacts (acres)	Permanent Impacts (acres)	Total Impacts (acres)
Hay Field (SEOW/NOHA Use Documented)	5.8	1.0	6.8
Forest/Hedgerows	2.3	0.2	2.5
Row Crop – Farmed in 2021	1.6	0.0	1.6
Row Crop – Left Fallow in 2021 ^a	1.7	0.0	1.7
Row Crop – Fallow since 2018; Will be farmed in 2022	5.9	0.9	6.8
Fallow – Roadside, Buffer, Former Residence	2.2	0.0	2.2
TOTAL	19.5	2.1	21.6

^aImpacts within the permanent footprint of the laydown area are not included here.

National Grid has an estimated start date for relocation project of July 1, 2022 with an estimated project completion of December 2022. Construction will occur during daylight hours (typically 7am to 5pm), Monday through Saturday. Installation of the new powerline and structures will occur first, followed by the removal of the decommissioned line and structures. Removal of the old line will begin at the northwest end, working southeast toward Crosby Road.

To facilitate the relocation project, a laydown area will be created and used for the staging of materials and equipment needed to complete the project. This will be located within the “Utility Area” and will eventually be the location of the new wastewater treatment facility (WWTF), to be constructed during future STAMP development (Attachment A, Figure 2). Placing the laydown area within the footprint of the future WWTF reduces the need for additional ground disturbance, reducing impacts to natural resources and reducing overall Site development costs. This location was chosen for the WWTF due to its central location within the STAMP Site, allowing for easy collection from all future companies. In addition, there are no alternative locations outside of the potential habitat areas as identified by NYSDEC. The location is also central for the powerline relocation project, making it an ideal location for the laydown area.

The laydown area and the access road to this area from Crosby Road will both be gravel (Attachment D). The total limit of disturbance for the laydown area will encompass 10.43 acres, of which 5.13 acres will be temporary and 5.3 acres will be permanent (Attachment A, Figure 2). The area is a row crop field that was farmed consistently prior to 2021. It was not farmed in 2021 in anticipation of laydown area construction. Construction of the laydown area is scheduled to begin June 1, 2022 and be completed by late June to allow for the powerline relocation project to start on July 1, 2022.

This determination request of whether the above activities are subject to regulation under Part 182 is based upon recent observations of short-eared owl (*Asio flammeus*) and northern harrier (*Circus hudsonius*) within the STAMP site. Attachment A, Figure 4 shows foraging areas used by short-eared owls and northern harriers during surveys conducted by CC Environment & Planning in December 2021 through mid-April 2022. While these species have been documented within the project area, most of the work will be conducted during the summer and fall, when these species are not present. Further, any work that does occur while the birds are present will occur during daylight hours, minimizing the impacts to their foraging behavior. No roosts have been documented on the STAMP Site.

Most impacts to the habitat will be temporary. Permanent impacts (18.8 acres) include the infrequently utilized powerline gravel access road, the gravel laydown area, and the substation. Approximately 5.5 acres of permanent impacts will occur in hay fields where short-eared owl and northern harriers have been documented, while 2.4 acres will occur in a hay field where the birds have not been documented. Little use of row crop fields by either species have been documented at the STAMP Site, thus the impact to 6.9 acres of these fields likely will not impact the birds. See Table 4 for a full list of impacts by current habitat type for all aspects of the Plug Power Electrical Connection Project.

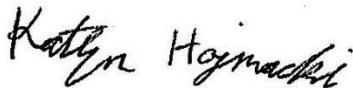
Table 4 – Plug Power Electrical Project Impacts by Current Habitat Type			
Habitat Type	Temporary Impacts (acres)	Permanent Impacts (acres)	Total Impacts (acres)
Hay Field (SEOW/NOHA Use Documented)	9.5	5.5	15.0
Hay Field (No SEOW/NOHA Use Documented)	2.2	2.4	4.6
Forest/Hedgerows	5.2	3.9	9.1
Row Crop – Farmed in 2021	2.5	0.7	3.2
Row Crop – Left Fallow in 2021	6.8	5.3	12.1
Row Crop – Fallow since 2018; Will be farmed in 2022.	5.9	0.9	6.8
Fallow – Roadside, Buffer, Former Residence	2.6	0.1	2.7
TOTAL	34.7	18.8	53.5

Due to these combined circumstances of project timing and minimal permanent impacts relative to available habitat in the immediate vicinity, it is our opinion that this project will not have a significant negative impact on short-eared owls and northern harriers and should not require a Part 182 permit for project implementation. Approximately 160 acres of hay field and 183 acres of row crop fields will remain in the northwest corner of STAMP, providing more than adequate

habitat for both species. Additionally, hundreds of acres of suitable habitat are present in the immediate vicinity of the project site, much of which is protected and managed specifically for these species by NYSDEC and USFWS.

If you have any questions or need additional information, please contact me directly at 732-991-2187 or khojnacki@ccenvironment.com. We are willing to accompany DEC staff on a site investigation, if necessary.

Sincerely,



Katlyn Hojnacki, Senior Ecologist/Operations Manager
CC Environment & Planning

Attachment A – Figures

1. STAMP Overview Map
2. Plug Power Electrical Project
3. Substation Impacts
4. SEOW/NOHA Use Areas

Attachment B – STAMP Substation Conceptual Site Plan

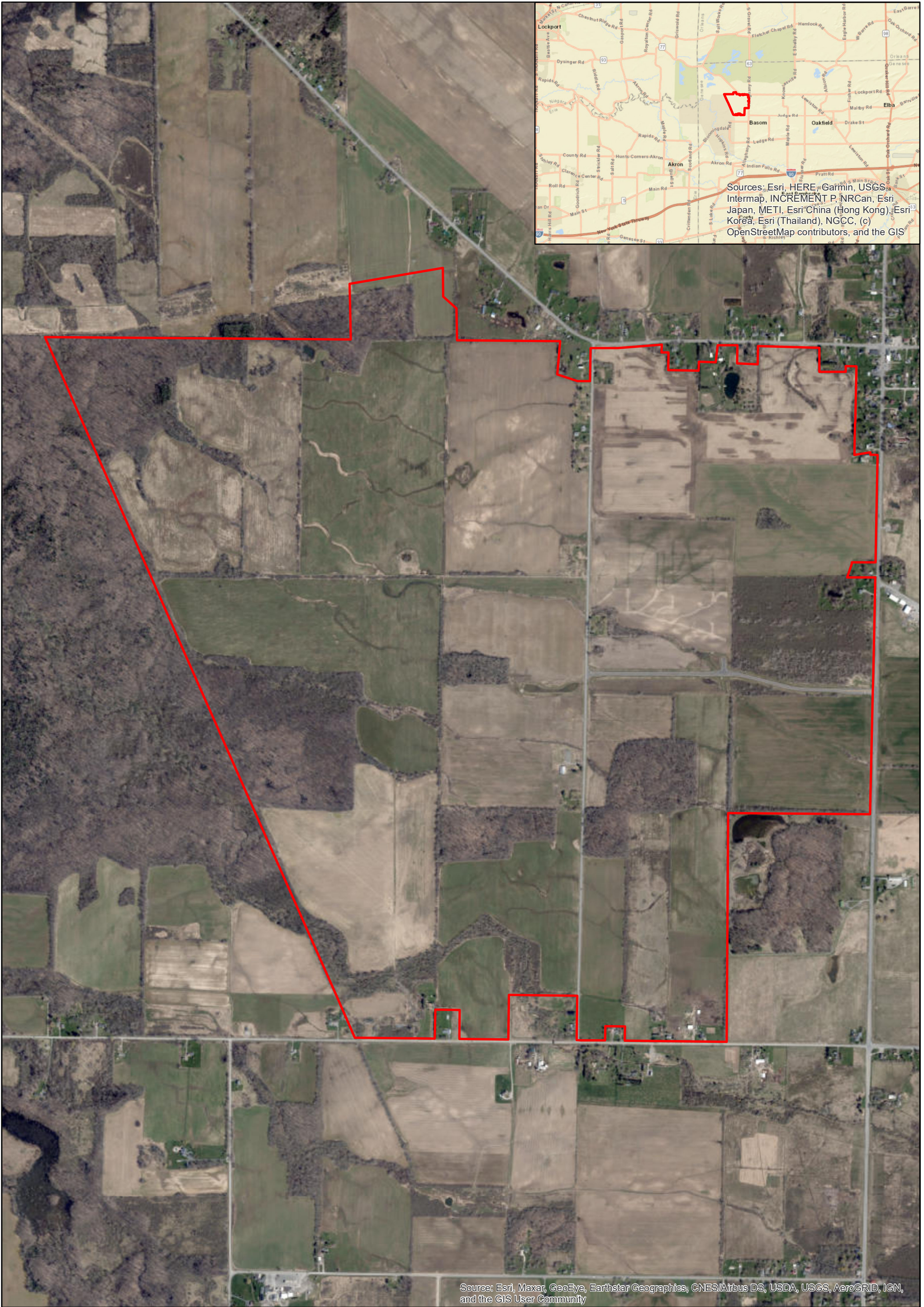
Attachment C – STAMP Powerline Relocation Project Site Plans

Attachment D – STAMP Laydown Area Site Plans

Cc: Mike Wasilco – NYSDEC
Heidi Kennedy – NYSDEC
Jenny Landry – NYSDEC
Steve Miller – NYSDEC
Lisa Schwartz – NYSDEC
Mark Masse – GCEDC
Adam Walters – Phillips Lytle
Matthew Fitzgerald – Phillips Lytle
Sheila Hess – CC Environment & Planning

ATTACHMENT A

FIGURES



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 0.2 0.4 0.8 Miles



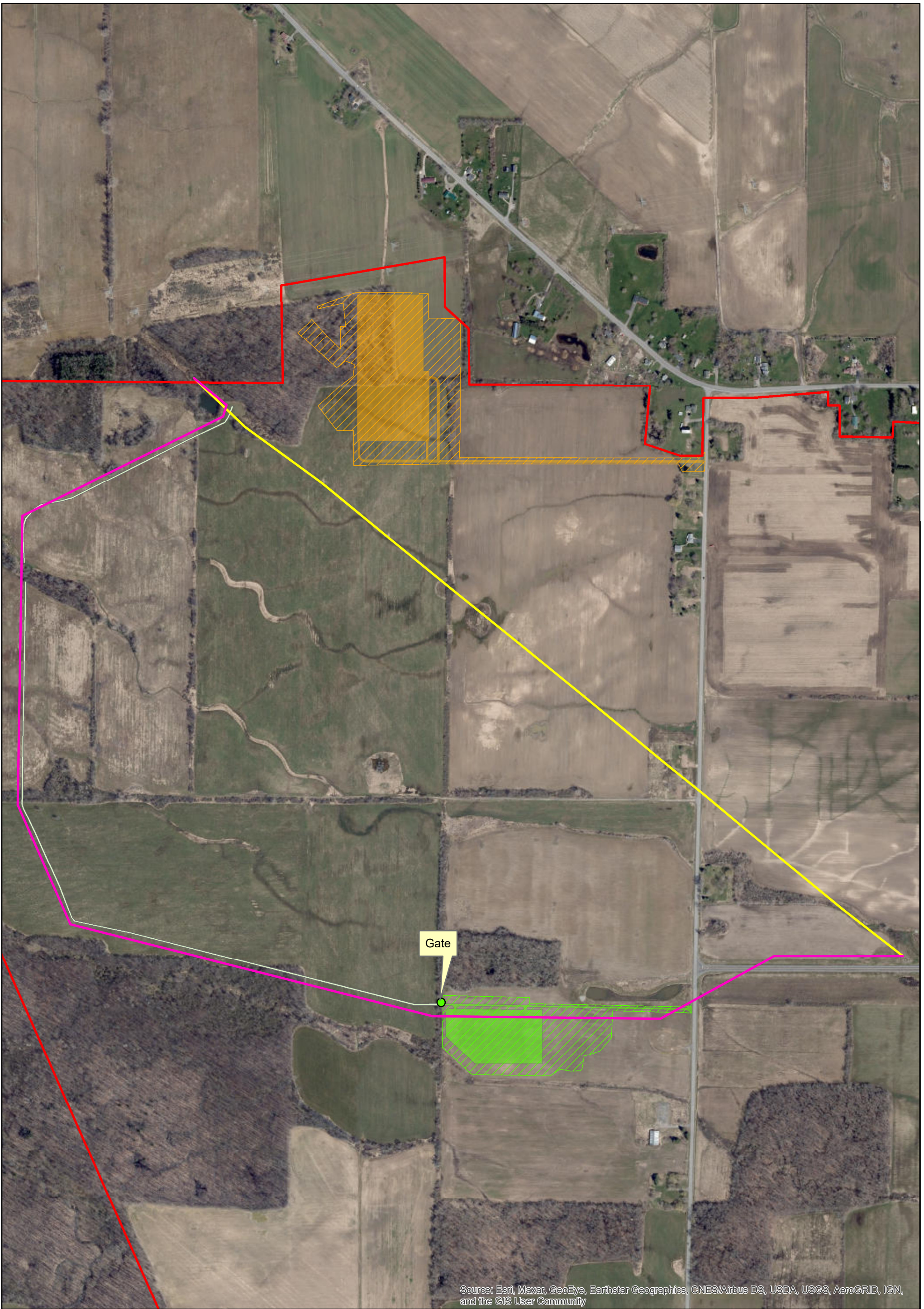
STAMP Overview Map

Science and Technology Advanced Manufacturing Park
Town of Alabama, Genesee County, New York

STAMP Boundary

K. Hojnacki, Date: 4/13/2022

Figure 1



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

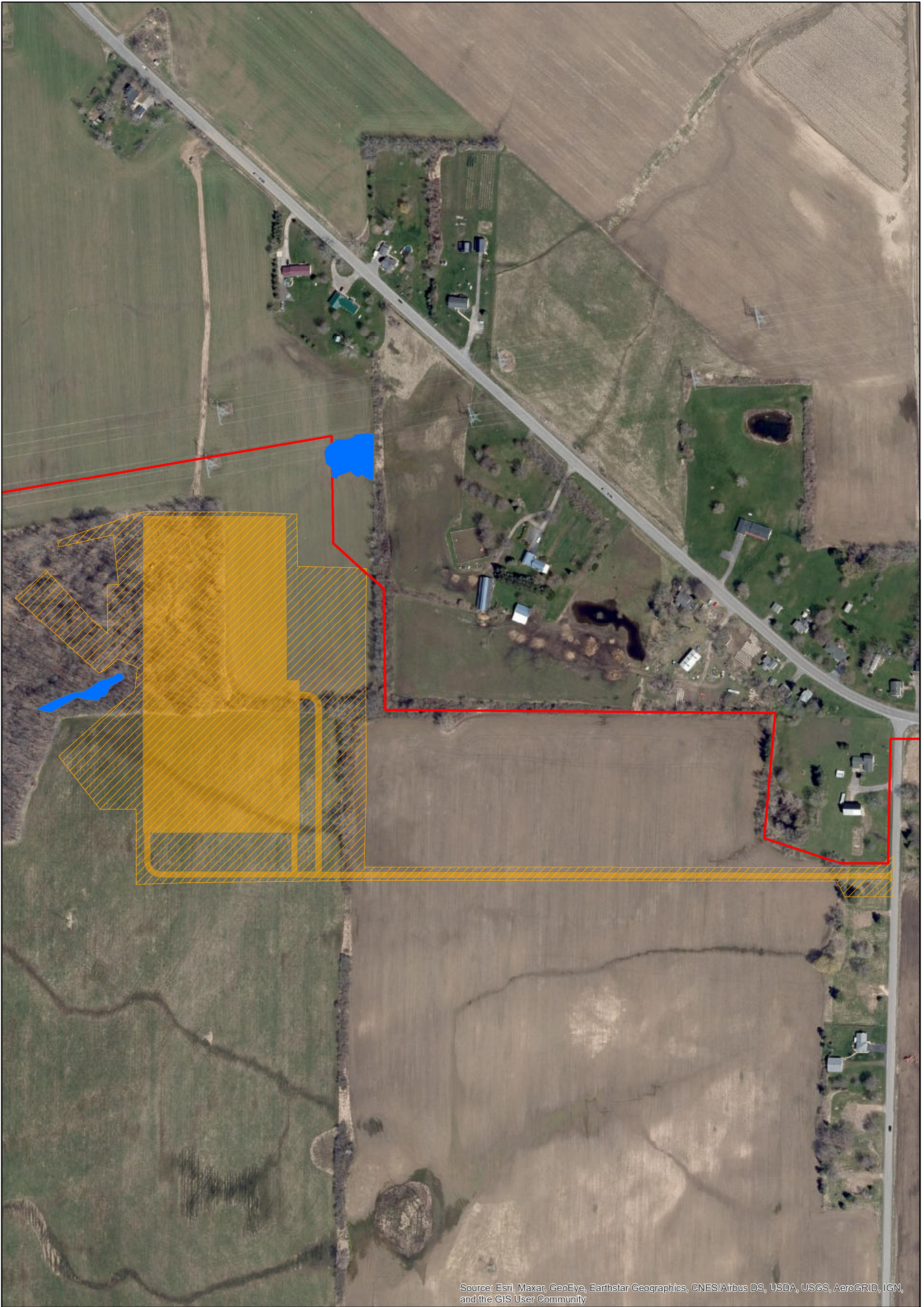
0 0.1 0.2 0.4 Miles



	Plug Power Electrical Project Science and Technology Advanced Manufacturing Park Town of Alabama, Genesee County, New York		STAMP Boundary	Permanent Impacts Substation	Limits of Disturbance Substation
	New Powerline	Laydown Area	Old Powerline	Laydown Area	Laydown Area
	Old Powerline	Gravel Road	Old Powerline	Gravel Road	Gravel Road
	Gravel Road	Gravel Road	Gravel Road	Gravel Road	Gravel Road

Figure 2

K. Hojnacki, Date: 4/13/2022



0 0.05 0.1 0.2 Miles



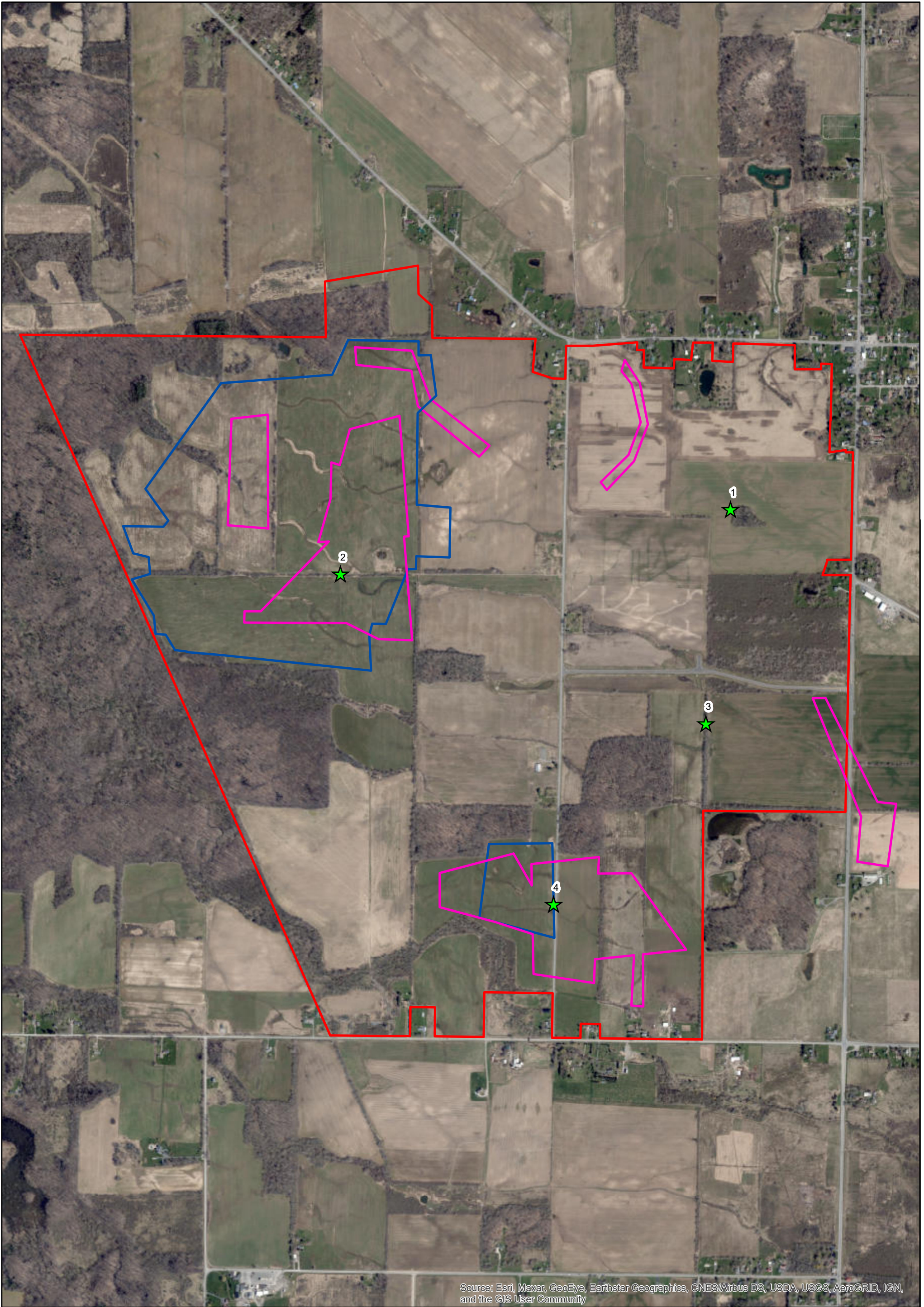
Substation Impacts

Science and Technology Advanced Manufacturing Park
Town of Alabama, Genesee County, New York

K. Hojnacki, Date: 4/13/2022

- Permanent Impacts
- Wetlands
- Limits of Disturbance
- STAMP Boundary

Figure 3



0 0.2 0.4 0.8 Miles



SEOW/NOHA Use Areas

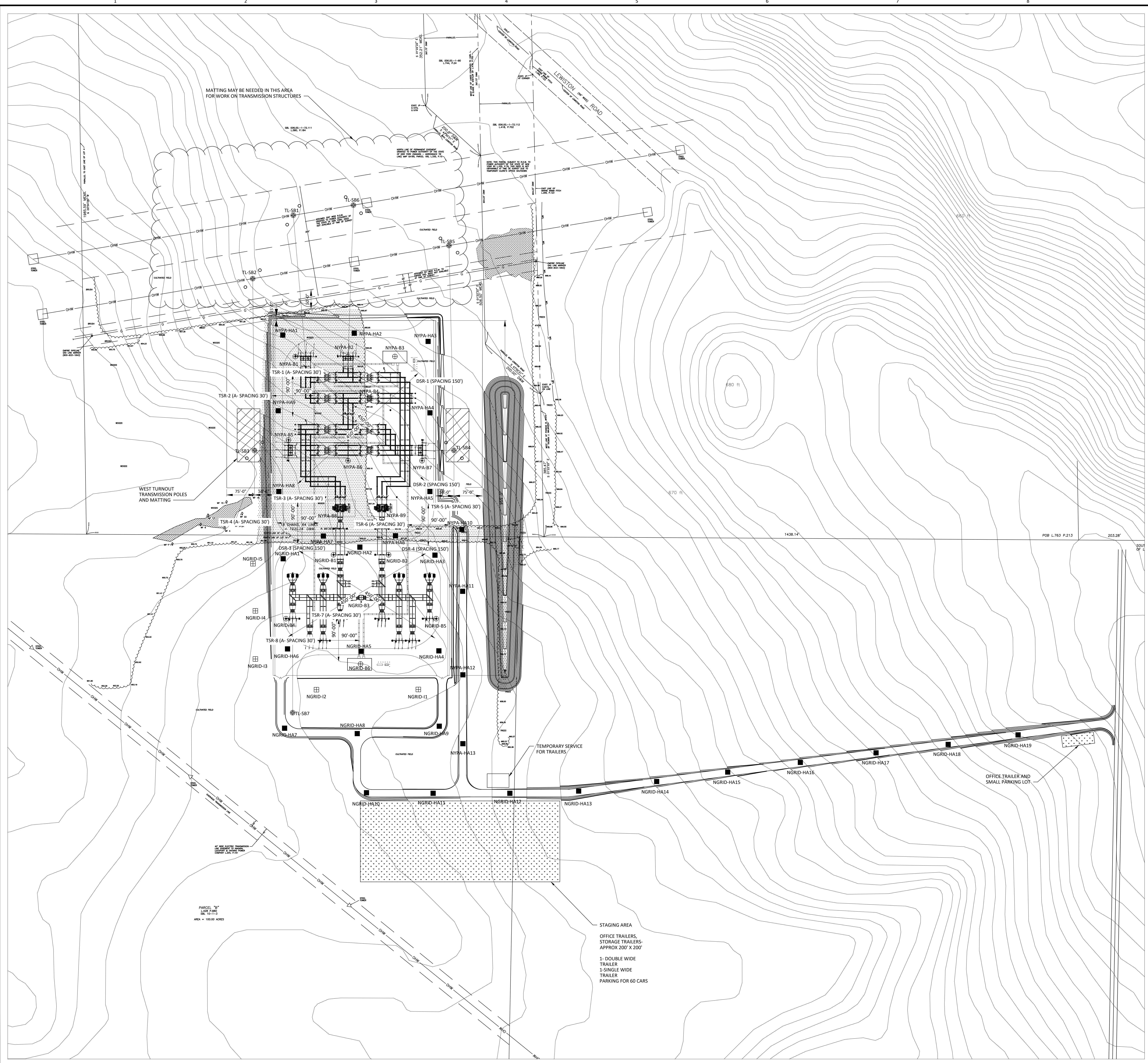
Science and Technology Advanced Manufacturing Park
Town of Alabama, Genesee County, New York

K. Hojnacki, Date: 4/13/2022

- SEOW
- NOHA
- ★ Winter Raptor Surveys
- STAMP Boundary

Figure 4

ATTACHMENT B
STAMP Substation Conceptual Site Plan



NOTES

- CONTRACTOR TO PLANT EVERGREEN TREES ALONG NORTHERN EDGE OF PERMANENT EASEMENT (NORTH OF SUBSTATION).

LEGEND

- EXISTING CONTOUR
- NEW MINOR GRADING CONTOUR
- NEW MAJOR GRADING CONTOUR
- NYPA-B1 NYPA SOIL BORING LOCATION
- NGRID-B1 NGRID SOIL BORING LOCATION
- TL-SB1 TRANSMISSION LINE SOIL BORING LOCATION
- NYPA-HA1 NYPA HAND AUGER LOCATION
- NGRID-HA1 NGRID HAND AUGER LOCATION
- NYPA-IA NYPA INFILTRATION TEST LOCATION
- NGRID-IA NGRID INFILTRATION TEST LOCATION
- TREE CLEARING AREA
- STAGING AREAS AND LOTS
- TRANSMISSION POLES AND MATTING

Soil Boring Schedule

Boring ID	Latitude	Longitude	Depth (ft)	Remarks
TL-SB1	47°52'27.74" N	78°24'42.50" W	50	If rock is encountered, Core a minimum of 10 feet
TL-SB2	47°52'49.74" N	78°24'43.50" W	50	If rock is encountered, Core a minimum of 10 feet
TL-SB3	47°52'50.74" N	78°24'43.50" W	50	If rock is encountered, Core a minimum of 10 feet
TL-SB4	47°52'51.74" N	78°24'43.50" W	50	If rock is encountered, Core a minimum of 10 feet
TL-SB5	47°52'52.74" N	78°24'43.50" W	50	If rock is encountered, Core a minimum of 10 feet
TL-SB6	47°52'53.74" N	78°24'43.50" W	50	If rock is encountered, Core a minimum of 10 feet
TL-SB7	47°52'54.74" N	78°24'43.50" W	50	If rock is encountered, Core a minimum of 10 feet

NYPA Boring Schedule

Boring ID	Latitude	Longitude	Depth (ft)	Remarks
NYPA-B1	47°52'27.74" N	78°24'42.50" W	100	If rock is encountered, Core a minimum of 20 feet
NYPA-B2	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B3	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, Core a minimum of 10 feet
NYPA-B4	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B5	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B6	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B7	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B8	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B9	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required
NYPA-B10	47°52'27.74" N	78°24'42.50" W	40	If rock is encountered, drill to auger refusal if less than 40 feet. No coring required

Hand Auger Schedule

Boring ID	Latitude	Longitude	Depth (ft)	Remarks
NGRID-HA1	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA2	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA3	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA4	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA5	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA6	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA7	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA8	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA9	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA10	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA11	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA12	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA13	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA14	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA15	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA16	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA17	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA18	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger
NGRID-HA19	47°52'27.74" N	78°24'42.50" W	5	Perform Dynamic Cone Penetrometer (DCP) testing with Hand Auger

Tree Clearing Summary

Tree	Type	Cwt/Trunk	FW/Trunk	24 Area (Sq Ft)	Cwt (Cu Yd)	FW (Cu Yd)	Net (Cu Yd)
Schubert Red	Red	1,000	1,000	4651.975	947.355	2089.860	1132.114-FWD
White Pine	SG	1,000	1,000	1641.915	652.373	6,420	692.132-Cwt
Total							

REFERENCE DRAWINGS

Project	Area	Code	Revision
PLUG POWER			
STAMP SUBSTATION CONCEPTUAL SITE PLAN			

CIVIL 3D 2021 IMPERIAL
 09/29/2021 2:20 PM
 00000004
 01/26/21

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN DES CHK PDE APP

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF

SIGNED _____ REG. NO. _____

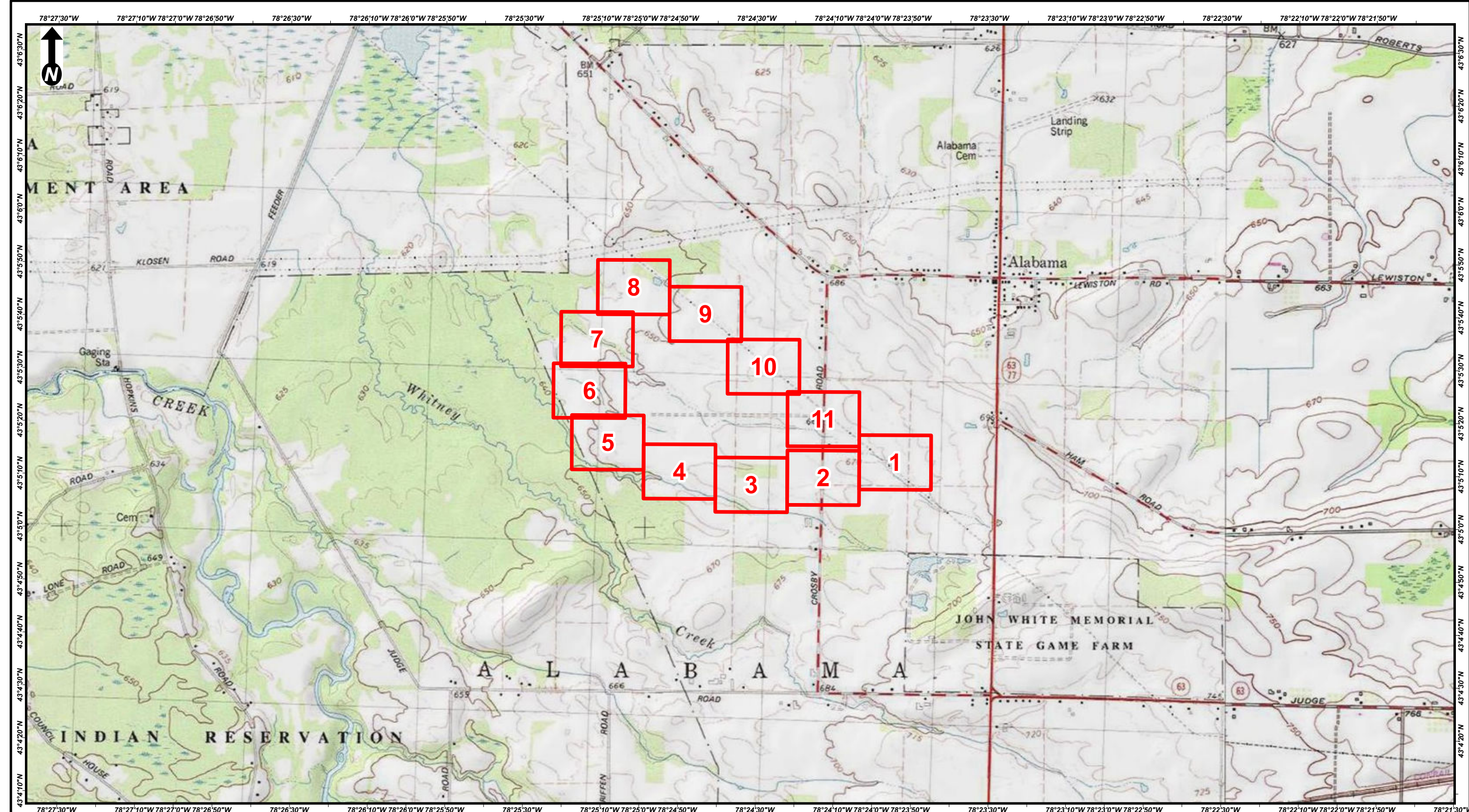
DATE _____

BLACK & VEATCH
 Building a world of difference®

DESIGNER: DR/BBV DRAWN: NER/BBV
 CHECKED: _____ DATE: _____

PROJECT	DRAWING NUMBER	REV
PLUG POWER		
STAMP SUBSTATION CONCEPTUAL SITE PLAN		

ATTACHMENT C
STAMP Powerline Relocation Project Site Plans

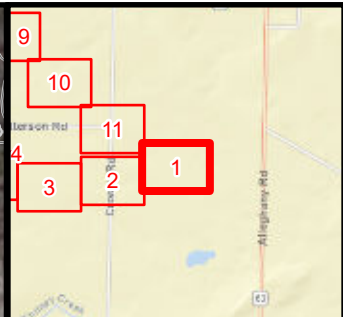


Scale: 1:20,000
0 1,000 2,000
Feet
(Page Size 11 x 17)



T1510 LOCKPORT – BATAVIA #112 115KV – 100477
WESTERN NEW YORK SCIENCE AND TECHNOLOGY ADVANCED MANUFACTURING PARK (STAMP) RELOCATION PROJECT
USGS Site Location Map
Town of Alabama
Genesee County, New York

Source: USA Topo Maps:
Copyright: © 2013 National Geographic Society, i-cubed
Coordinate System: NAD 1983
StatePlane New York West
FIPS 3103 Feet

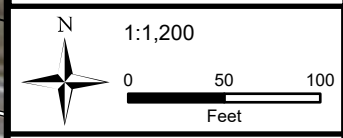


Legend

- Structure - Removal
- Structure - Proposed
- Structure - Existing
- Transmission Circuit - Removal
- Transmission Circuit - Proposed
- Transmission Circuit - Existing
- Limits of Disturbance
- Work Area
- BMP - Silt Fence/Silt Sock
- ▲ BMP - Check Dam
- PCSM - Dry Swale
- Gravel Access Road - Permanent
- Stabilized Construction Entrance
- Concrete Washout
- Matting - Timber
- Parcel Boundaries
- Delineated Stream - Centerline
- Wetland - Field Delineated
- Edge of ROW
- Existing Gravel Areas
- Access Gate
- Culvert - Proposed
- Stockpile Location
- Contours

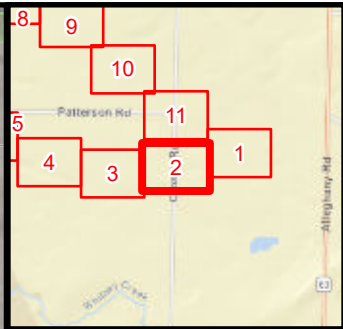
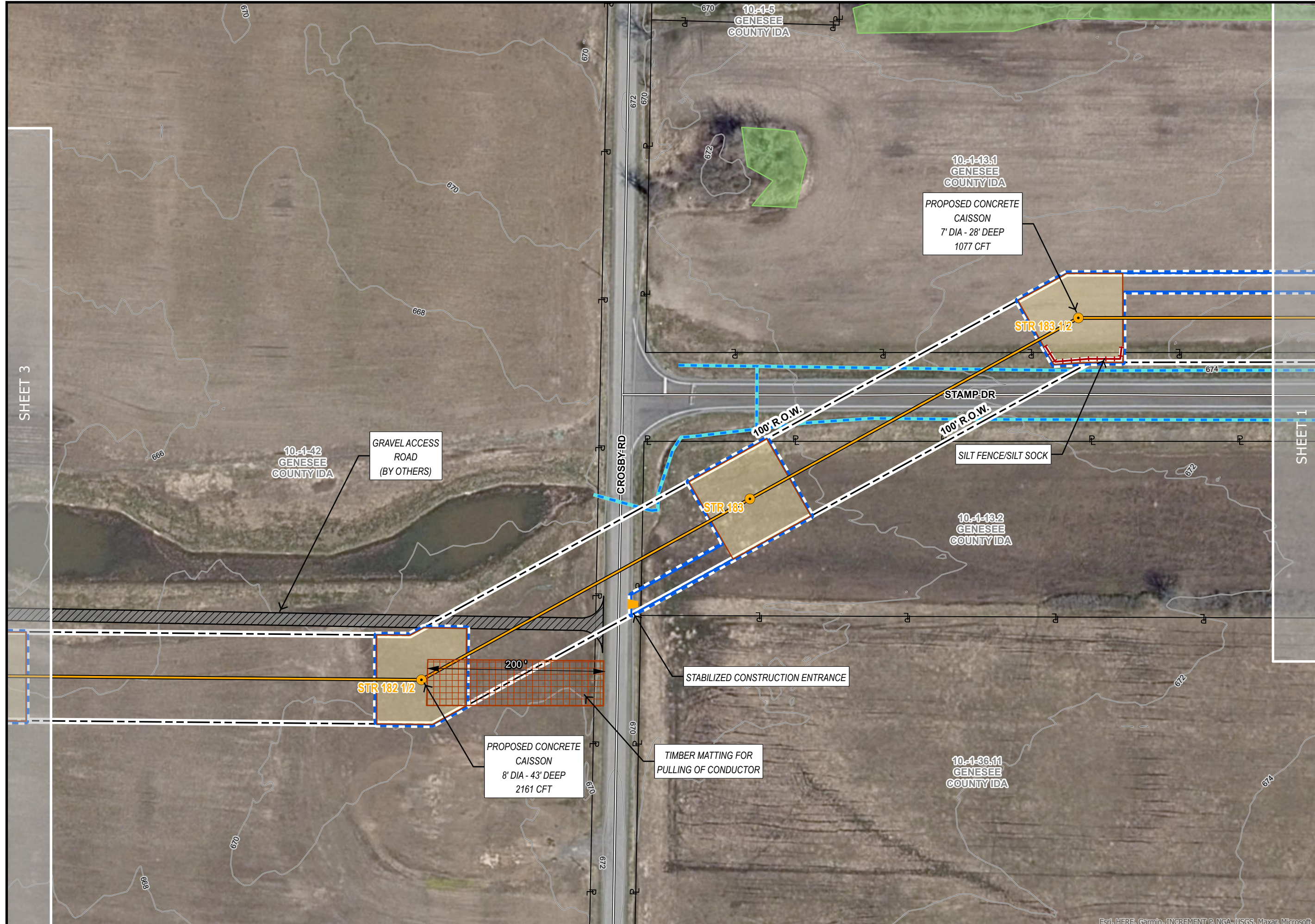
**T1510 LOCKPORT –
 BATAVIA #112
 115KV – 100477
 WESTERN NEW YORK
 SCIENCE AND
 TECHNOLOGY
 ADVANCED
 MANUFACTURING
 PARK (STAMP)
 RELOCATION PROJECT**

**Erosion and
 Sediment Control
 Plans**
 Town of Alabama
 Genesee County
 New York
 Page 1 of 11
**Indicates Layers Set to Transparency*



nationalgrid

Source: World Imagery: Maxar, Microsoft World Street Map: Esri, HERE, Garmin, INCREMENT P, NGA, USGS
 Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet
 Data Sources: Mapped Wetland, Contour, Road data provided by NYS GIS Program Office, 2021. Field Delineated Wetland data from wetland delineation performed April 26, 2021 by DDS Engineers LLP
 Background: NYS ITS GIS Orthos, 2020



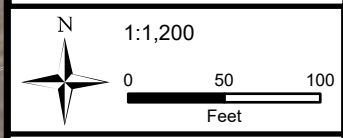
Legend

- Structure - Removal
- Structure - Proposed
- Structure - Existing
- Transmission Circuit - Removal
- Transmission Circuit - Proposed
- Transmission Circuit - Existing
- Limits of Disturbance
- Work Area
- BMP - Silt Fence/Silt Sock
- BMP - Check Dam
- PCSM - Dry Swale
- Gravel Access Road - Permanent
- Stabilized Construction Entrance
- Concrete Washout
- Matting - Timber
- Parcel Boundaries
- Delineated Stream - Centerline
- Wetland - Field Delineated
- Edge of ROW
- Existing Gravel Areas
- Access Gate
- Culvert - Proposed
- Stockpile Location
- Contours

**T1510 LOCKPORT –
 BATAVIA #112
 115KV – 100477
 WESTERN NEW YORK
 SCIENCE AND
 TECHNOLOGY
 ADVANCED
 MANUFACTURING
 PARK (STAMP)
 RELOCATION PROJECT**

**Erosion and
 Sediment Control
 Plans**
 Town of Alabama
 Genesee County
 New York
 Page 2 of 11

**Indicates Layers Set to Transparency*



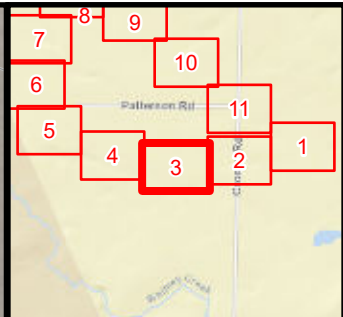
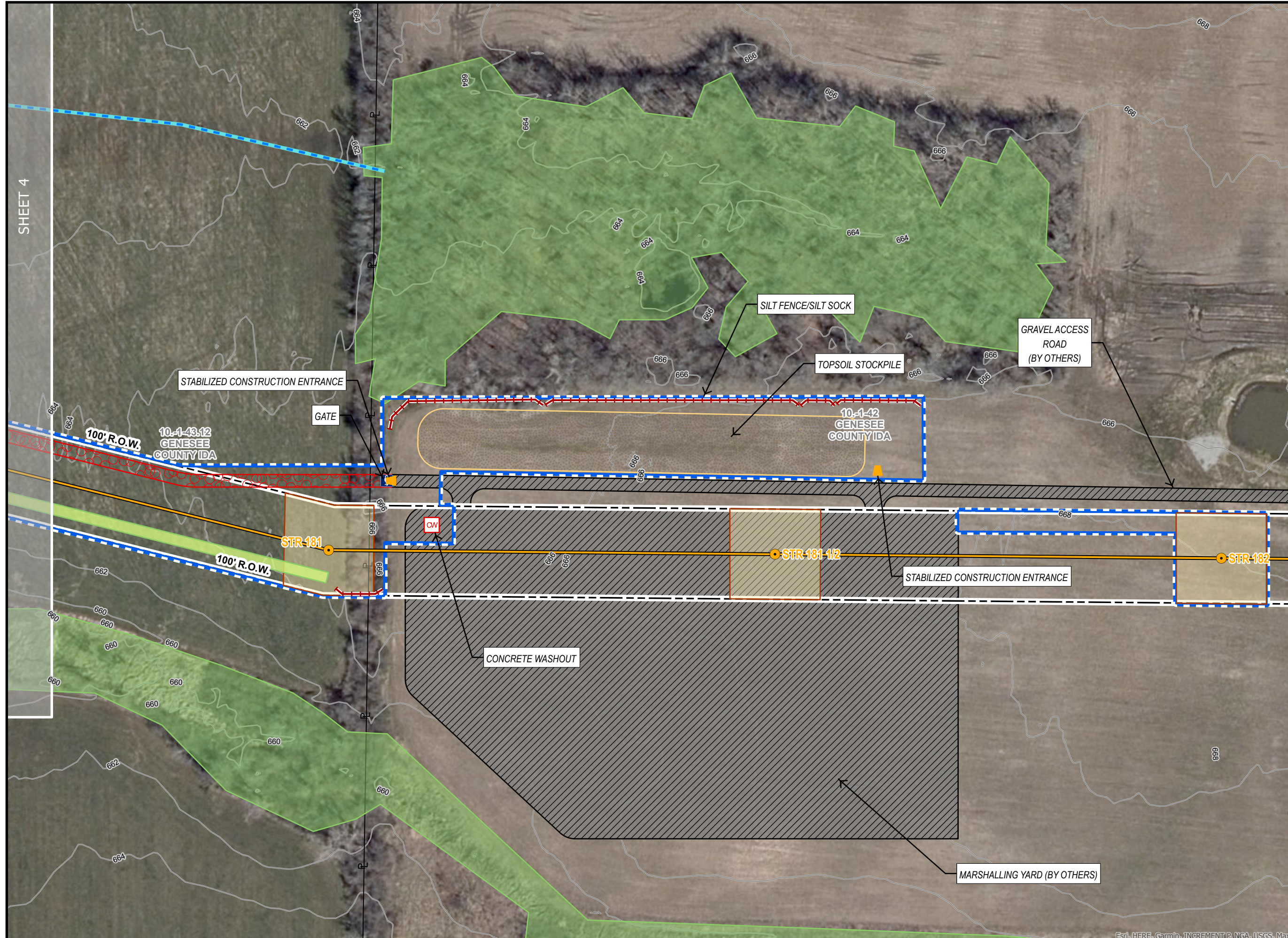
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Source: World Imagery: Maxar, Microsoft World Street Map: Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet

Data Sources: Mapped Wetland, Contour, Road data provided by NYS GIS Program Office, 2021. Field Delineated Wetland data from wetland delineation performed April 26, 2021 by DDS Engineers LLP

Background: NYS ITS GIS Orthos, 2020

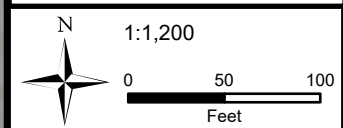


Legend

- Structure - Removal
- Structure - Proposed
- Structure - Existing
- Transmission Circuit - Removal
- Transmission Circuit - Proposed
- Transmission Circuit - Existing
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- Gravel Access Road - Permanent
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- Concrete Washout
- Matting - Timber
- Parcel Boundaries
- Delineated Stream - Centerline
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- Edge of ROW
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- Access Gate
- Culvert - Proposed
- Stockpile Location
- Contours

**T1510 LOCKPORT –
 BATAVIA #112
 115KV – 100477
 WESTERN NEW YORK
 SCIENCE AND
 TECHNOLOGY
 ADVANCED
 MANUFACTURING
 PARK (STAMP)
 RELOCATION PROJECT**

**Erosion and
 Sediment Control
 Plans**
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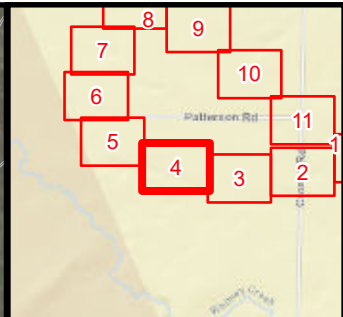


Source: World Imagery: Maxar, Microsoft
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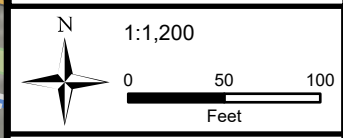
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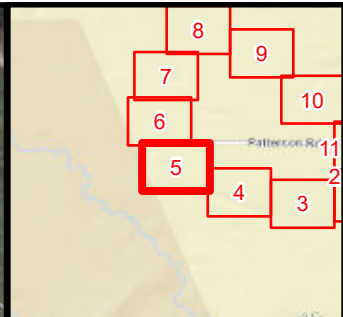
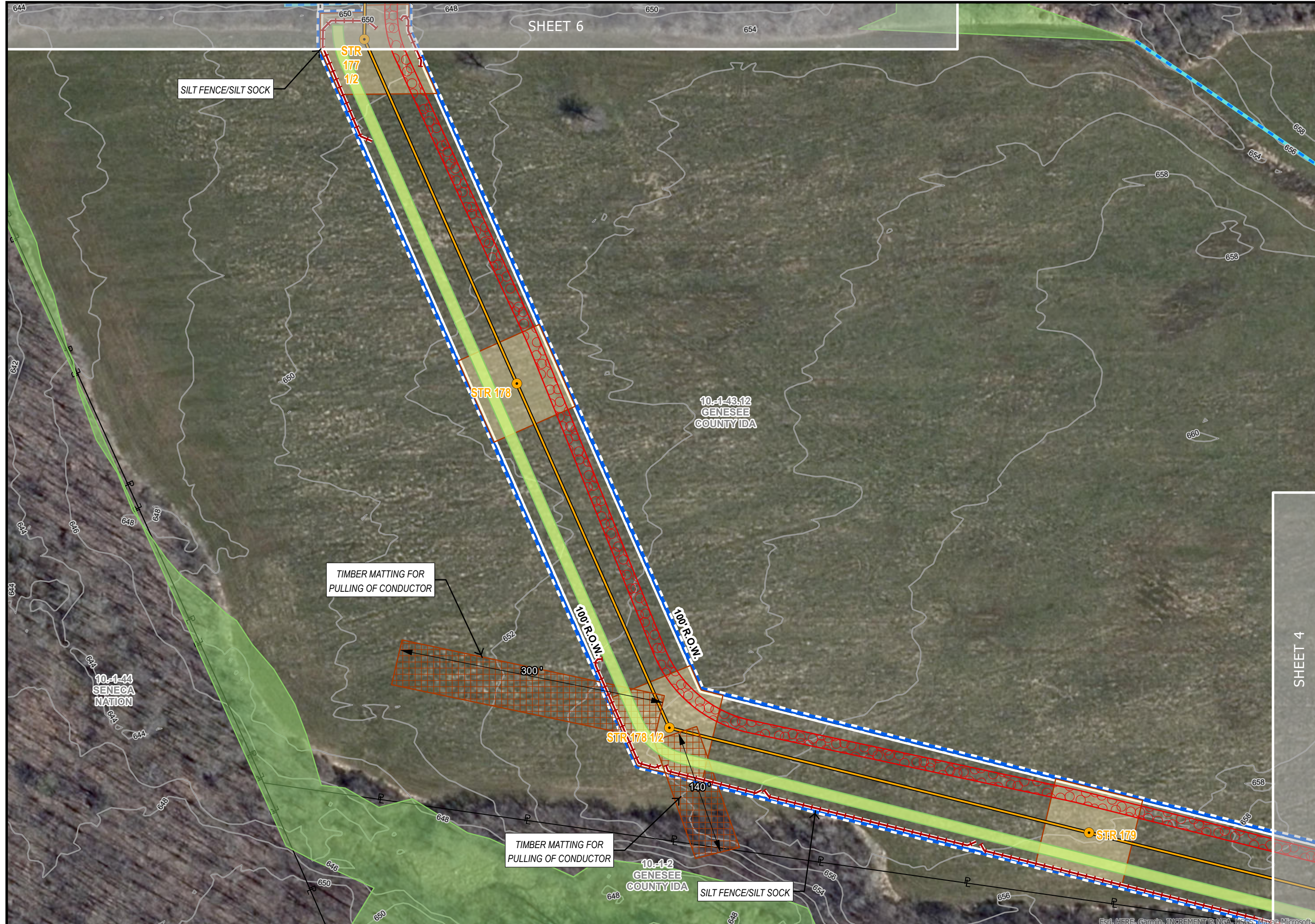
**T1510 LOCKPORT –
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nationalgrid

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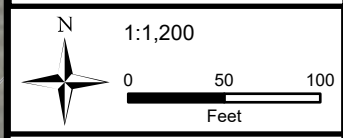


Legend

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nationalgrid

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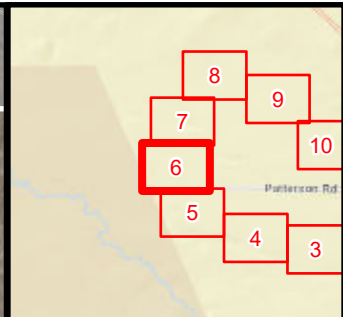
Background: NYS ITS GIS Orthos, 2020

SHEET 4



SHEET 7

SHEET 5

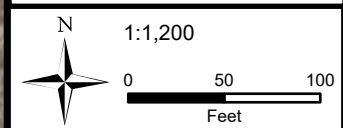


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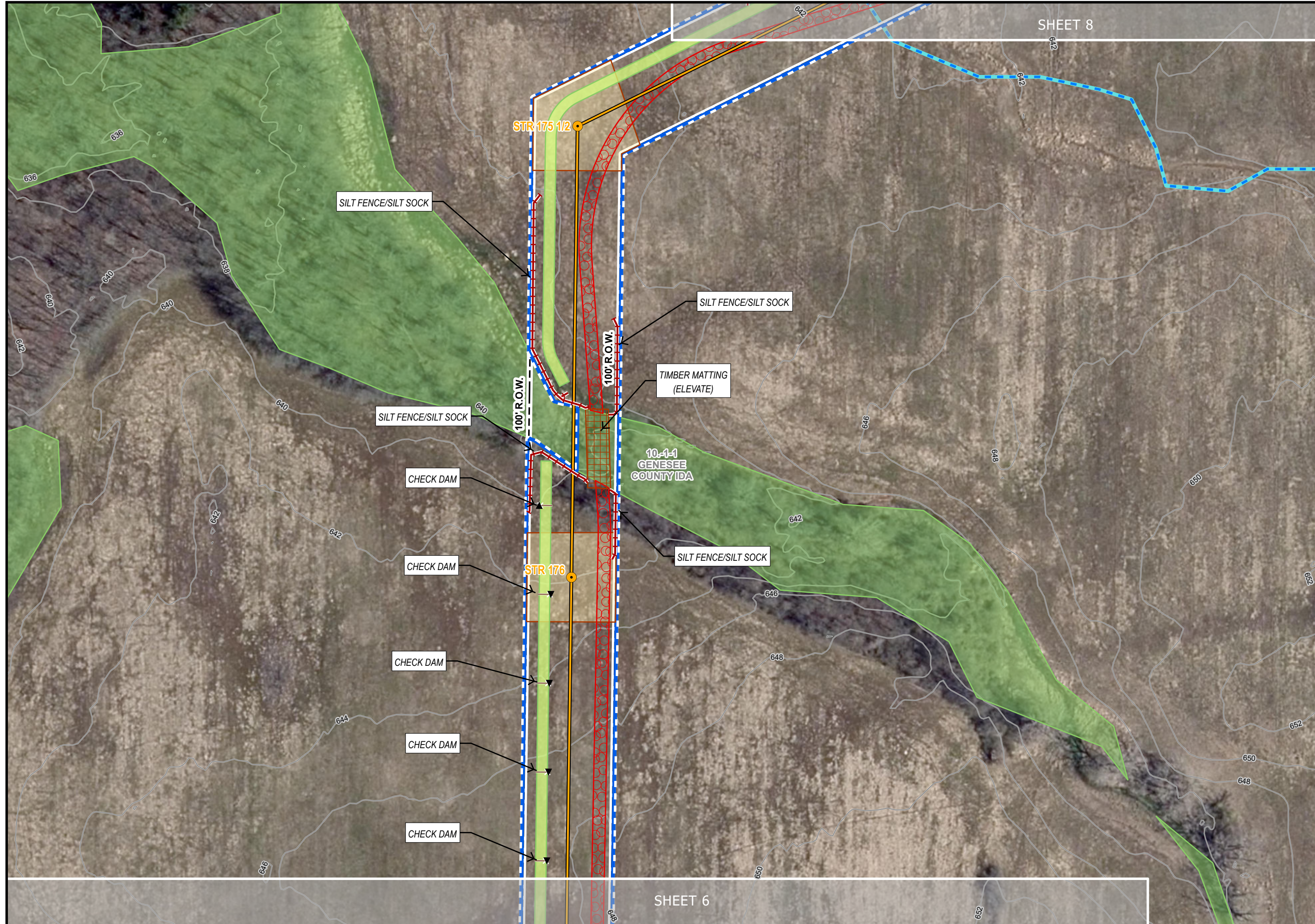
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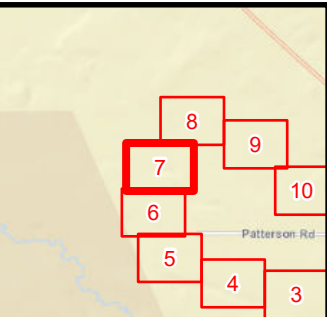
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Background: NYS ITS GIS Orthos, 2020



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SHEET 6

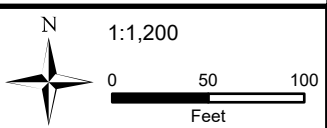


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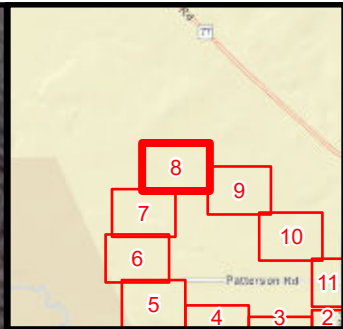
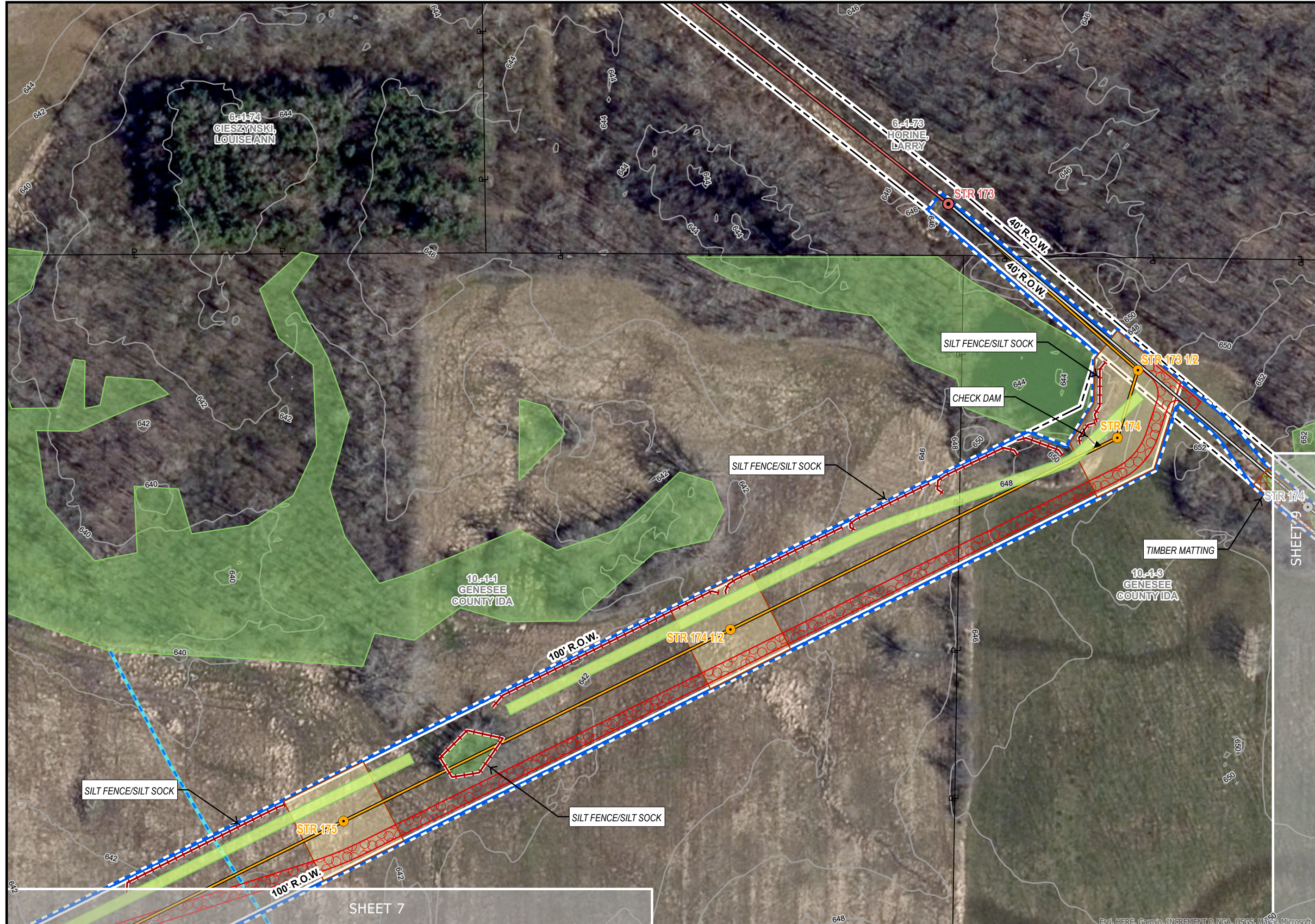
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 World Imagery: New York State, Maxar, Microsoft

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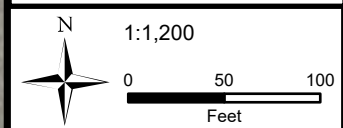


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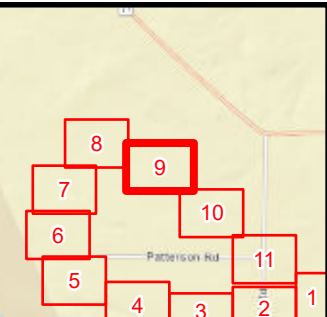
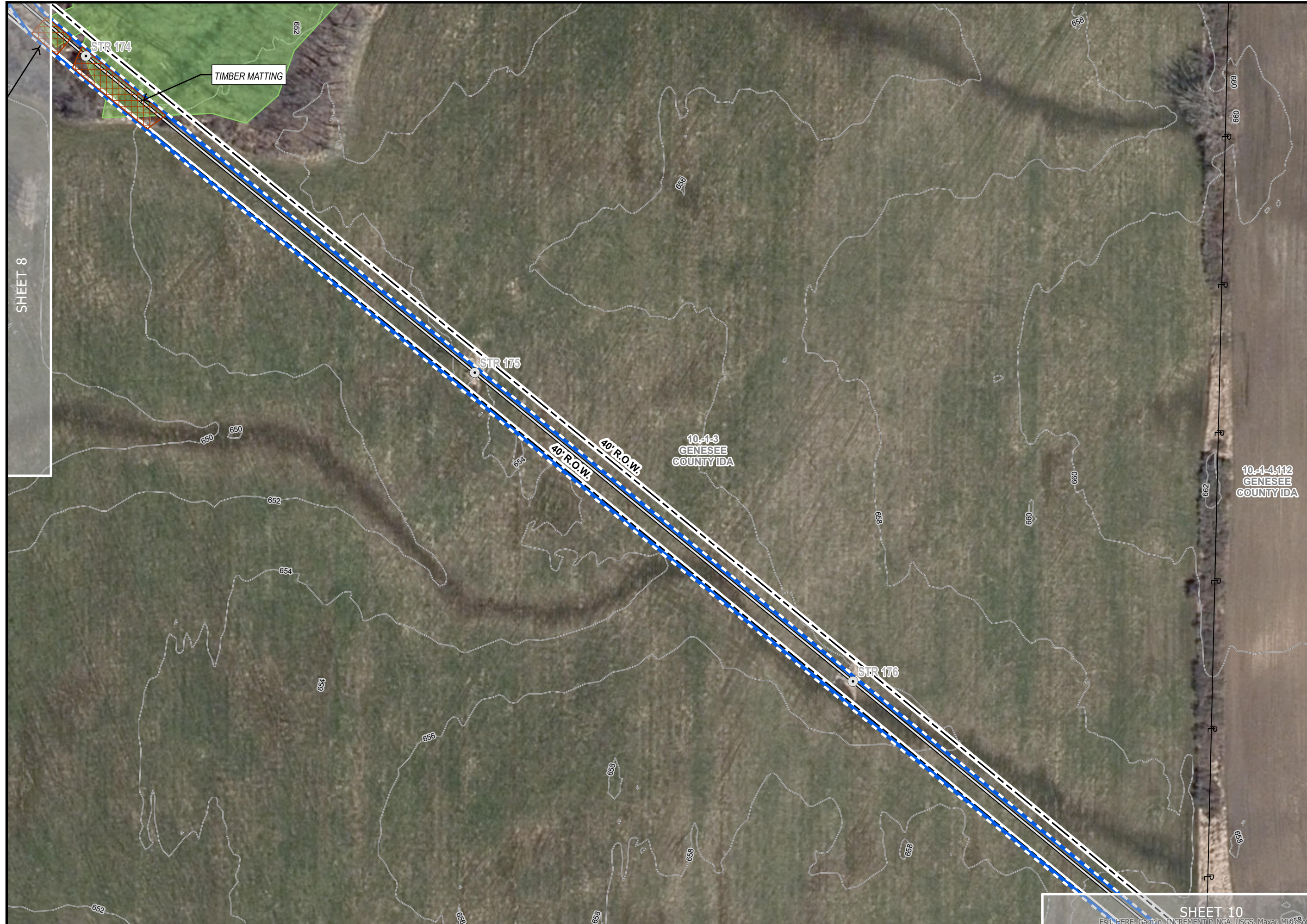


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 Background: NYS ITS GIS Orthos, 2020

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SHEET 9



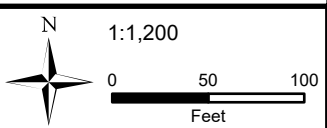
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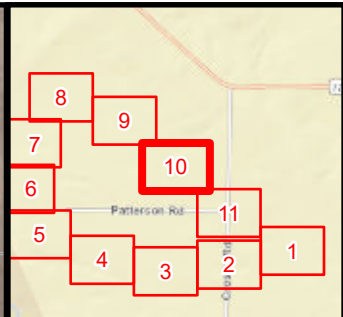
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Background: NYS ITS GIS Orthos, 2020

SHEET 10
 Esri, HERE, Garmin, INCREMENT P, NGA, USGS, Maxar, Microsoft

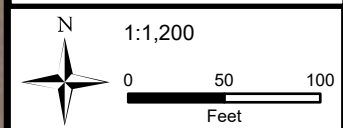


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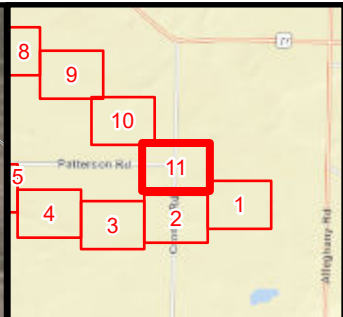
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SHEET 11
Esri, HERE, Garmin, INCREMENT P, NGA, USGS, Maxar, Microsoft

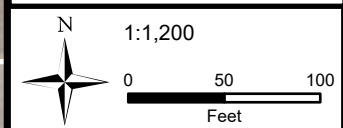


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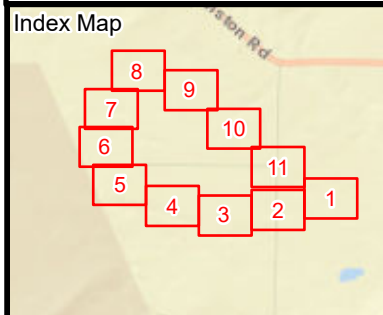
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GENERAL NOTES

1. This plan set is provided to show access and required environmental controls only. Engineering documents should be consulted to determine the scope and location of all construction activities.
2. The suggested Best Management Practices (BMPs) are based on observed site conditions at the time of the fieldwork. Alternative BMPs may be required based upon actual field conditions, the time of year the work is performed, and the type of construction equipment to be used.
3. Appropriate stabilized construction entrances will be used at all points of construction ingress/egress from public and private roadways in accordance with the New York State Standards for Erosion and Sediment Control, the prepared Stormwater Pollution Prevention Plan and National Grid's EG-303NY.
4. Concrete washouts, dewatering and temporary soil stockpiling may be necessary. These activities must be conducted in accordance with EG-303NY. The contractor is responsible for determining site specific locations and following the appropriate procedures. Locations will be verified and approved by National Grid Environmental personnel and/or designated representative.
5. The selected contractor is responsible for protecting all culverts or other drainage features encountered along access roads within the right-of-way.
6. The selected contractor is responsible for street sweeping, as required, at points of ingress/egress from public and private roadways in accordance with EG-303NY.
7. All work within identified wetlands will be accomplished to the conditions of the appropriate permits. All environmental permits are to remain on site while construction activities are taking place.
8. The environmental controls shown on these plans may need to be supplemented due to season of work, work methods proposed, on site conditions at the time of construction, and additional requirements of outstanding permits. Proposed erosion and sediment control barriers may consist of any approved method identified in the NYS Standards and Specifications for Erosion and Sediment Control (2016 or latest version).
9. Swamp mats are required to be installed in identified NYSDEC Wetlands where rutting of greater than four inches will occur. The installation of all other matting will be at the discretion of National Grid's PM&CC group and in consultation with National Grid Environmental personnel as necessary.
10. Swamp matting shown on the plans represents the square footage of matting required. Additional layers of mats may be required at certain locations and shall be determined by the matting contractor.
11. The selected contractor will be responsible for all equipment on the project being transported in a manner clean of invasive species prior to arriving onsite. The contractor will also be responsible for cleaning equipment as it moves within the project to reduce the risk of spreading invasive plant seeds and fragments by adhering to the EENY Best Management Practices (EG-303NY).



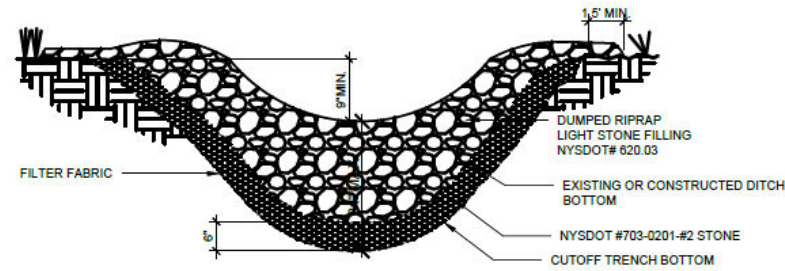
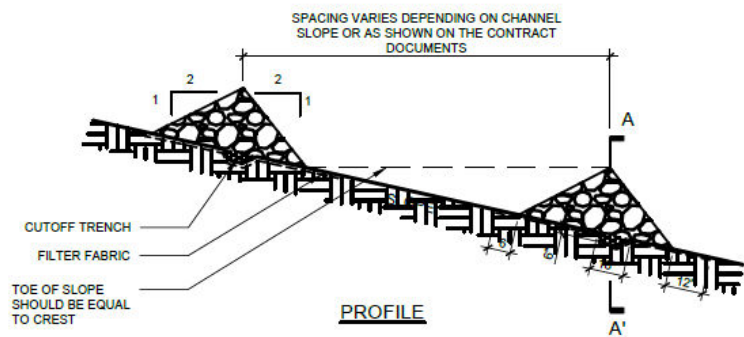
**T1510 LOCKPORT – BATAVIA #112, 115KV – 100477 –
WESTERN NEW YORK SCIENCE AND TECHNOLOGY ADVANCED MANUFACTURING PARK (STAMP) RELOCATION PROJECT**

General Notes

Town of Alabama
Genesee County, New York

Location Map: World Street Map: Esri, HERE, Garmin, INCREMENT P, NGA, USGS

nationalgrid



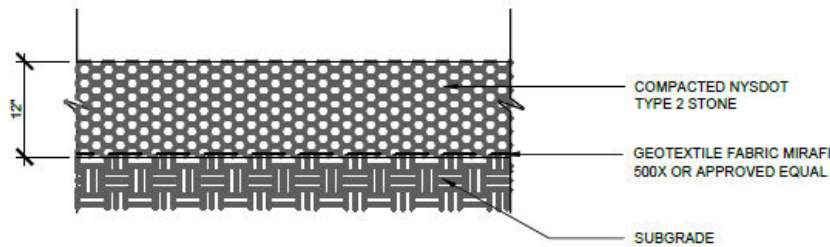
SECTION A-A'

NOTES:

1. STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT STORMWATER FROM FLOWING AROUND THE CHECK DAM.
3. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
4. MAXIMUM DRAINAGE AREA 2 ACRES.

STONE CHECK DAM

NOT TO SCALE



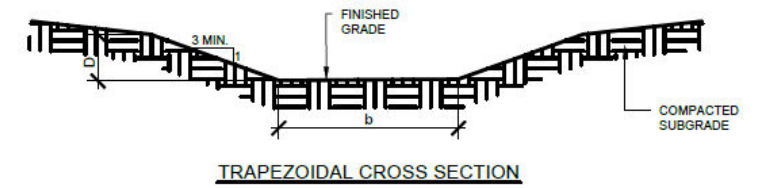
SECTION VIEW

NOTES:

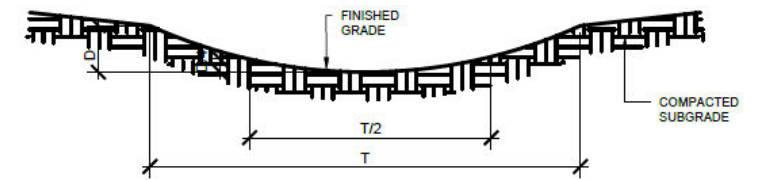
1. LOCATE PARKING AREAS ON NATURALLY FLAT AREAS AS AVAILABLE. KEEP GRADES SUFFICIENT FOR DRAINAGE, BUT NOT MORE THAN 2 TO 3 PERCENT.
2. CLEAR AND STRIP ROADBED AND PARKING AREAS OF ALL VEGETATION.
3. ROAD GRADE - GRAVEL ACCESS ROADS SHALL NOT EXCEED 4% SLOPE. SLOPES GREATER THAN FOUR PERCENT WILL REQUIRE IMPERVIOUS GRAVEL ROADWAYS.
4. ROAD WIDTH - AS SHOWN ON CONTRACT DOCUMENTS.
5. SIDE SLOPE OF ROAD EMBANKMENT - 2H:1V OR FLATTER. FOR STEEPER SLOPE, CONSULT A GEOTECHNICAL ENGINEER FOR DESIGN.
6. PROVIDE SURFACE DRAINAGE AND DIVERT EXCESS RUNOFF TO STABILIZED AREAS.
7. MAINTAIN CUT AND FILL SLOPES TO 2H:1V OR FLATTER AND STABILIZE WITH VEGETATION AS SOON AS GRADING IS COMPLETED.
8. SPREAD 6-INCH LAYER OF STONE EVENLY OVER THE FULL WIDTH OF THE ROAD AND SMOOTH TO AVOID DEPRESSIONS.
9. PROVIDE APPROPRIATE SEDIMENT CONTROL MEASURES TO PREVENT OFFSITE SEDIMENTATION.

GRAVEL ACCESS ROAD

NOT TO SCALE



TRAPEZOIDAL CROSS SECTION



PARABOLIC CROSS SECTION

*DESIGN CONSULTANT SHALL COMPLETE TABLE PER CHART ON PAGE 3.25 OF THE 2018 NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

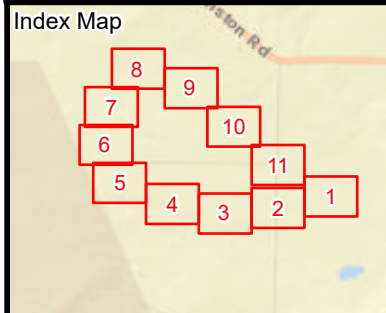
NOTES:

1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF SIDE SLOPE PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. FILLS SHALL BE COMPACTED AS NEEDED TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETED WATERWAY.
4. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
5. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARD AND SPECIFICATIONS FOR VEGETATIVE PRACTICES.
 - 5.A. FOR DESIGN VELOCITIES OF LESS THAN 3.5 FT. PER SEC., SEEDING AND MULCHING MAY BE USED FOR THE ESTABLISHMENT OF VEGETATION. IT IS RECOMMENDED THAT, WHEN CONDITIONS PERMIT, TEMPORARY WATERWAYS OR OTHER MEANS SHOULD BE USED TO PREVENT WATER FROM ENTERING THE WATERWAY DURING THE ESTABLISHMENT OF VEGETATION.
 - 5.B. FOR DESIGN VELOCITIES OF MORE THAN 3.5 FT. PER SEC., THE WATERWAY SHALL BE STABILIZED WITH SOD THAT IS STAKED, WITH SEEDING PROTECTED BY EROSION CONTROL MATTING SPECIFIED BY THE DESIGN CONSULTANT OR WITH SEEDING AND MULCHING PROVIDED THAT THERE IS A TEMPORARY DIVERSION, UNTIL VEGETATION IS ESTABLISHED.

CHANNEL NO.	ACCESS ROAD STATIONS	TOP WIDTH, T (FT)	BOTTOM WIDTH, b (FT)	DEPTH, D (FT)	LEFT SIDE SLOPE	RIGHT SIDE SLOPE
1	0+00 TO 8+25	12	4	1	4H:1V	4H:1V
2	9+50 TO 18+00	12	4	1	4H:1V	4H:1V
3	18+75 TO 33+25	12	4	1	4H:1V	4H:1V
4	33+80 TO 62+15	12	4	1	4H:1V	4H:1V

GRASSED WATERWAY

NOT TO SCALE



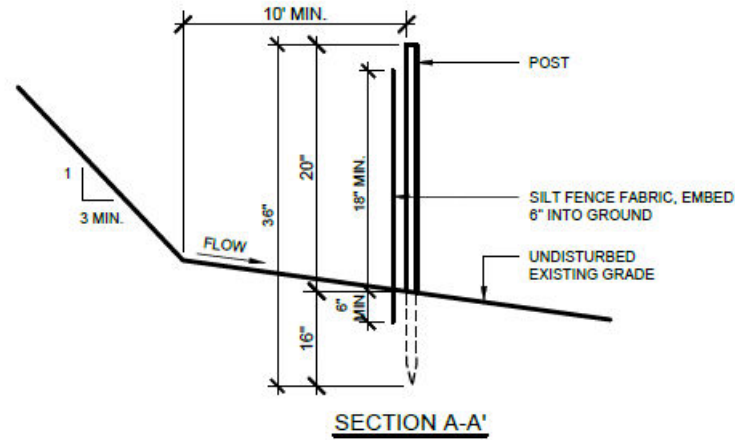
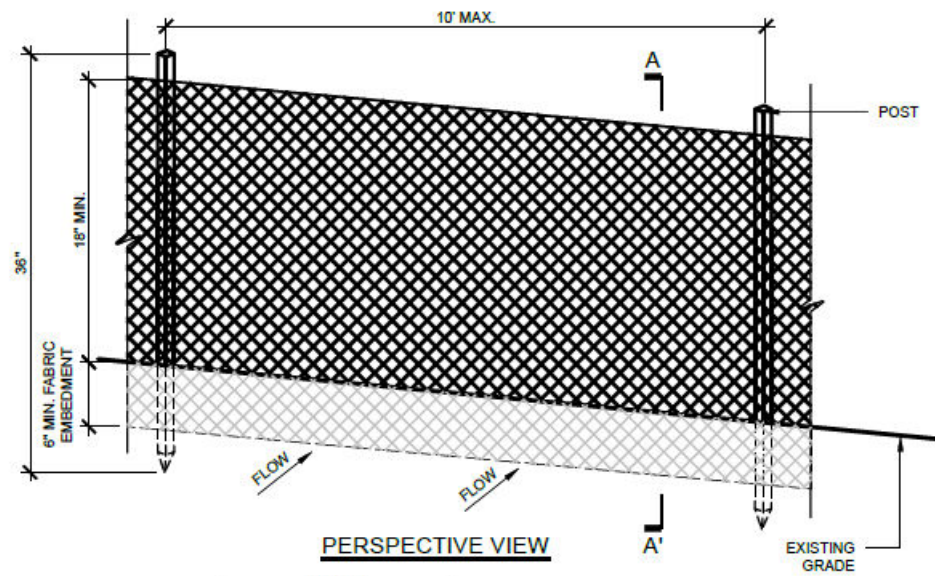
**T1510 LOCKPORT – BATAVIA #112, 115KV – 100477 –
 WESTERN NEW YORK SCIENCE AND TECHNOLOGY ADVANCED MANUFACTURING PARK (STAMP) RELOCATION PROJECT**

**Erosion & Sediment Control Details
 Sheet 1**

Town of Alabama
 Genesee County, New York

Location Map: World Street Map: Esri, HERE, Garmin, INCREMENT P, NGA, USGS

nationalgrid

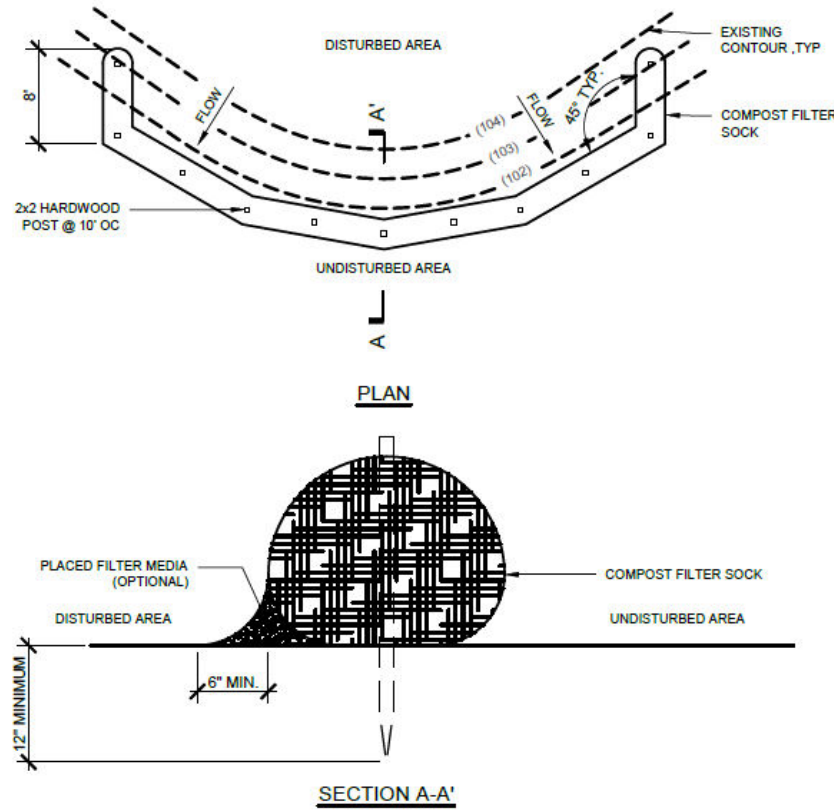


NOTES:

1. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUAL.
2. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
3. MAINTENANCE SHALL BE PERFORMED IMMEDIATELY AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE - STANDARD

NOT TO SCALE



NOTE:

1. COMPOST FILTER SOCKS SHALL BE PLACED ON THE CONTOUR WITH BOTH TERMINAL ENDS OF THE SOCK EXTENDED 8 FEET UPSLOPE AT A 45° ANGLE TO PREVENT BYPASS FLOW.
2. DIAMETERS DESIGNED FOR USE SHALL BE 12"-32".
3. THE FLAT DIMENSION OF THE SOCK SHALL BE AT LEAST 1.5 TIMES THE NOMINAL DIAMETER.
4. THE MAXIMUM SLOPE LENGTH (IN FEET) ABOVE A COMPOST FILTER SOCK SHALL NOT EXCEED THE FOLLOWING LIMITS:
5. THE COMPOST INFILL SHALL BE WELL DECOMPOSED (MATURED AT LEAST 3 MONTHS), WEED-FREE, ORGANIC MATTER. IT SHALL BE AEROBICALLY COMPOSTED, POSSESS NO OBJECTIONABLE ODORS, AND CONTAIN LESS THAN 1%, BY DRY WEIGHT, OF MAN-MADE FOREIGN MATTER. THE PHYSICAL PARAMETERS OF THE COMPOST SHALL MEET THE STANDARDS LISTED IN TABLE 5.2-COMPOST FILTER MEDIA STANDARDS TABLE*. NOTE ALL BIOSOLIDS COMPOST PRODUCED IN NEW YORK STATE (OR APPROVED FOR IMPORTATION) MUST MEET NYS DEC'S 6 NYCRR PART 380 (SOLIDS WASTE MANAGEMENT FACILITIES) REQUIREMENTS. THE PART 380 REQUIREMENTS ARE EQUAL TO OR MORE STRINGENT THAN 40 CFR PART 503 WHICH ENSURE SAFE STANDARDS FOR PATHOGEN REDUCTION AND HEAVY METALS CONTENT. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE A LOW NUTRIENT VALUE.
6. THE COMPOST FILTER SOCK FABRIC MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS GIVEN IN TABLE 5.3-COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS TABLE*.
7. COMPOST FILTER SOCKS SHALL BE ANCHORED IN EARTH WITH 2X2 WOODEN STAKES DRIVEN 12" INTO THE SOIL ON 10 FOOT CENTER ON THE CENTERLINE OF THE SOCK. ON UNEVEN TERRAIN, EFFECTIVE GROUND CONTACT CAN BE ENHANCED BY THE PLACEMENT OF A FILLET OR FILTER MEDIA ON THE DISTURBED AREA SIDE OF THE COMPOST SOCK.
8. ALL SPECIFIC CONSTRUCTION DETAILS AND MATERIAL SPECIFICATIONS SHALL APPEAR ON THE EROSION AND SEDIMENT CONTROL CONSTRUCTIONS DRAWINGS WHEN COMPOST FILTER SOCKS ARE INCLUDED IN THE PLAN.

*TABLE FROM THE 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

TABLE 1 - MAXIMUM SLOPE LENGTH ABOVE COMPOST FILTER SOCK (FEET)

DIA (IN)	SLOPE %						
	2	5	10	20	25	33	50
8	225	200	100	5	20	-	-
12	250	225	125	65	50	40	25
18	275	250	150	70	55	45	30
24	350	275	200	130	100	60	35
32	450	325	275	150	120	75	50

TABLE 2 - COMPOST FILTER MEDIA STANDARDS

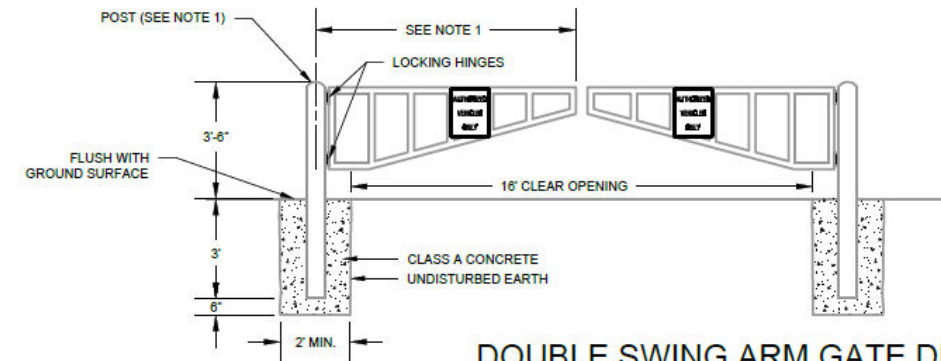
ORGANIC MATTER CONTENT	25% - 100% DRY WEIGHT
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	6.0 - 8.0
MOISTURE CONTENT	30% - 60%
PARTICLE SIZE	100% PASSING A 1" SCREEN AND 10-50% PASSING A 3/8" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 dS/m (mmhos/cm) MAXIMUM

TABLE 3 - COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS

MATERIAL TYPE	3 MIL HDPE	5 MIL HDPE	5 MIL HDPE	MULTI-FILAMENT POLYPROPYLENE	HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE
MATERIAL CHARACTERISTICS	PHOTODEGRAD-ABLE	PHOTODEGRAD-ABLE	BIODEGRAD-ABLE	PHOTODEGRAD-ABLE	PHOTODEGRAD-ABLE
SOCK DIAMETERS	12", 18"	12", 18", 24", 32"	12", 18", 24", 32"	12", 18", 24", 32"	12", 18", 24", 32"
MESH OPENING	3/8"	3/8"	3/8"	3/8"	1/8"
TENSILE STRENGTH		26 PSI	26 PSI	44 PSI	202 PSI
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	23% AT 1000 HR.	23% AT 1000 HR.		100% AT 1000 HR.	100% AT 1000 HR.
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS

COMPOST FILTER SOCK

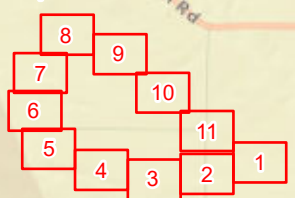
NOT TO SCALE



NOTES:

1. SUGGESTED DESIGN ONLY. FINAL GATE DESIGN TO BE SELECTED AND APPROVED BY OWNER. CONTRACTOR TO SUBMIT SHOP DRAWING TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. POST AND GATE MATERIALS CONTINGENT ON DESIGN.

Index Map



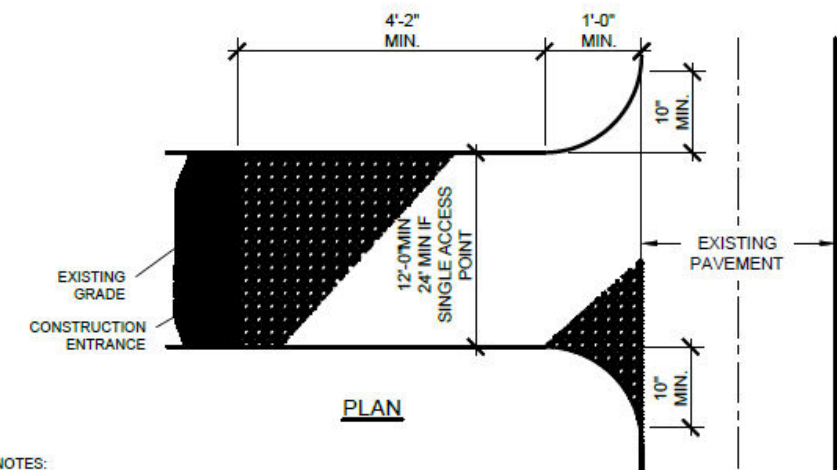
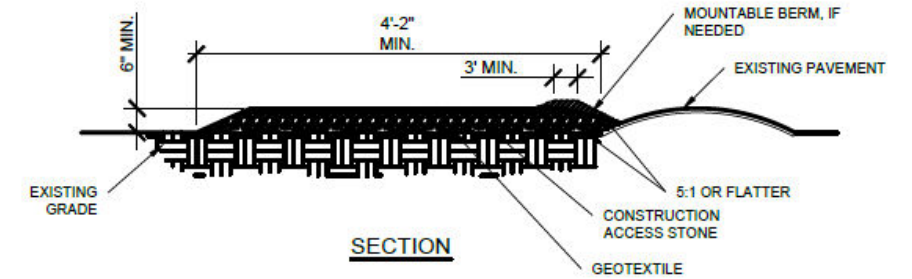
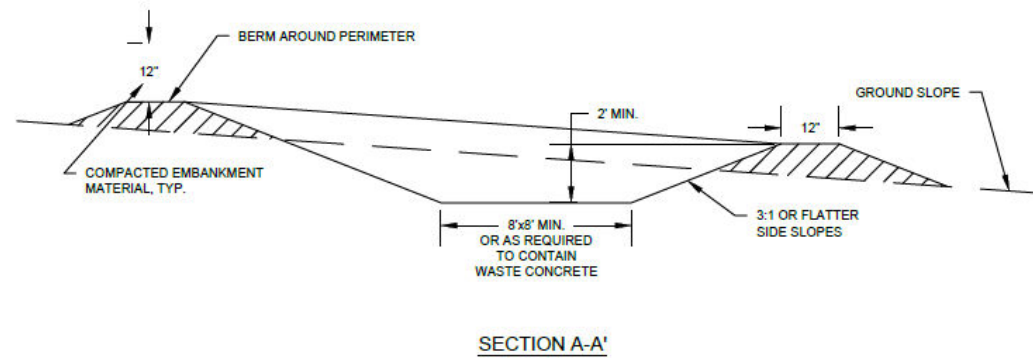
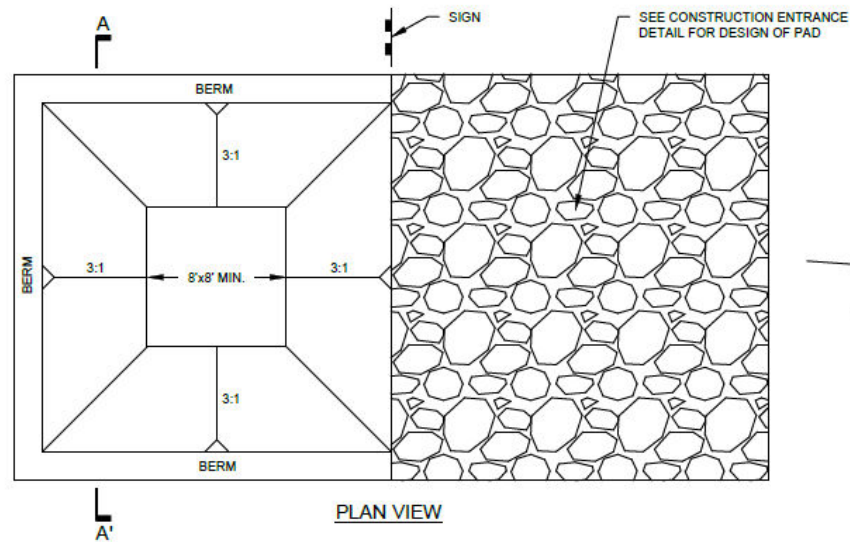
**T1510 LOCKPORT - BATAVIA #112, 115KV - 100477 -
 WESTERN NEW YORK SCIENCE AND TECHNOLOGY ADVANCED MANUFACTURING PARK (STAMP) RELOCATION PROJECT**

**Erosion & Sediment Control Details
 Sheet 2**

Town of Alabama
 Genesee County, New York

Location Map: World Street Map; Esri, HERE, Garmin, INCREMENT P, NGA, USGS

nationalgrid



NOTES:

1. CONSTRUCTION ACCESS STONE SIZE - MATRIX OF NYSDOT #4 AND #5 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. GEOTEXTILE:
 - 2.A. MIRAFI 500X OR APPROVED EQUAL
 - 2.B. SHALL BE PLACED UNDER THE ENTIRE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACING OF STONE.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED ACROSS THE STABILIZED CONSTRUCTION ACCESS. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE USED.
4. MAINTENANCE - THE CONSTRUCTION ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ACCESS ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO A NYSDEC APPROVED SEDIMENT TRAPPING DEVICE.

*CONTRACTOR MAY UTILIZE COMPOSITE TRACKOUT CONTROL MATS IN LIEU OF ROCK CONSTRUCTION ENTRANCE AS APPROVED BY THE ENGINEER.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

CONCRETE WASHOUT AREA INSTALLATION NOTES:

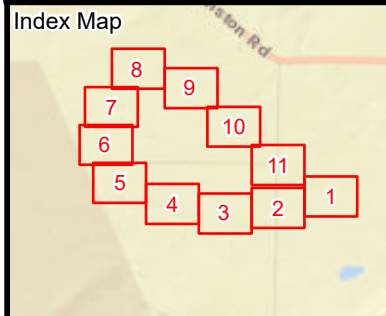
1. CONCRETE WASHOUT AREAS ARE TO BE INSTALLED AT EACH WTG PAD LOCATION, O & M BUILDING SITE, SUBSTATION SITE, LAYDOWN AREA AND WHEREVER ELSE CONCRETE IS USED FOR THE PROJECT.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THE SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES:

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOPSOIL. DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

CONCRETE WASHOUT AREA (BERM TYPE)

NOT TO SCALE



**T1510 LOCKPORT – BATAVIA #112, 115KV – 100477 –
 WESTERN NEW YORK SCIENCE AND TECHNOLOGY ADVANCED MANUFACTURING PARK (STAMP) RELOCATION PROJECT**

**Erosion & Sediment Control Details
 Sheet 3**

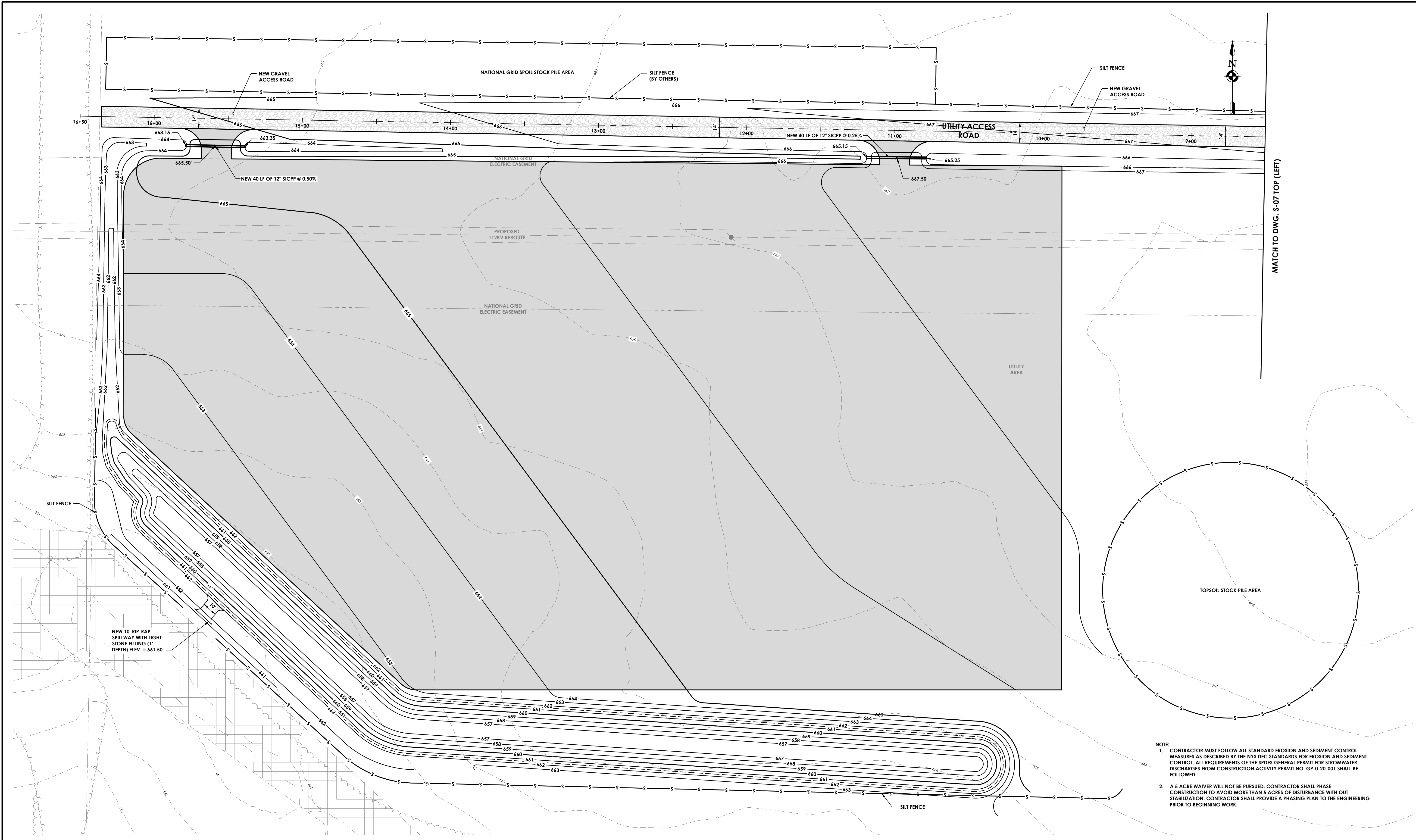
Town of Alabama
 Genesee County, New York

Location Map: World Street Map: Esri,
 HERE, Garmin, INCREMENT P, NGA,
 USGS

nationalgrid

ATTACHMENT D
STAMP Laydown Area Site Plans

Referenced Drawings: STAMP Design-Crosby Road Reconstruction X-BIG WATER STAMP Design-Crosby Road Reconstruction STAMP Basecamp 2019 CH122x34
 Drawing Name: J:\PROJECTS\GCEDC\STAMP Onsite Infra\Design\ACAD\Site\STAMP Utility Parcel Access Rd Elec Reroute.dwg
 Plotted By: Zach Anderson
 Date last plotted: 4/12/2022 3:15 PM
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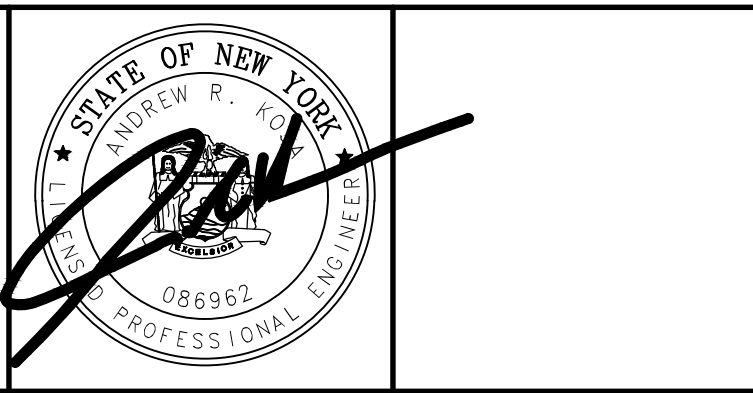


- NOTE:
1. CONTRACTOR MUST FOLLOW ALL STANDARD EROSION AND SEDIMENT CONTROL MEASURES AS DESCRIBED BY THE NYS DEC STANDARDS FOR EROSION AND SEDIMENT CONTROL. ALL REQUIREMENTS OF THE SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY PERMIT NO. GP-0-20-001 SHALL BE FOLLOWED.
 2. A 5 ACRE WAIVER WILL NOT BE PURSUED. CONTRACTOR SHALL PHASE CONSTRUCTION TO AVOID MORE THAN 5 ACRES OF DISTURBANCE WITH OUT STABILIZATION. CONTRACTOR SHALL PROVIDE A PHASING PLAN TO THE ENGINEERING PRIOR TO BEGINNING WORK.

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION
1	12/16/21	NC	ZLA	ADDENDUM NO. 1
2	1/28/22	ZLA	ARK	ISSUED FOR CONSTRUCTION

205 ST. PAUL STREET, SUITE 500
 ROCHESTER, NEW YORK 14604
 TEL (800) 274-9000
 FAX (585) 232-5836
 www.clarkpatterson.com

Clark Patterson Lee
 ARCHITECTURE | ENGINEERING | PLANNING



GENESSEE COUNTY ECONOMIC DEVELOPMENT CENTER

TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

DATE: 6/23/16
 DRAWN: TRB
 DESIGNED: ZLA
 CHECKED: ARK
 SCALE: 1"=30'

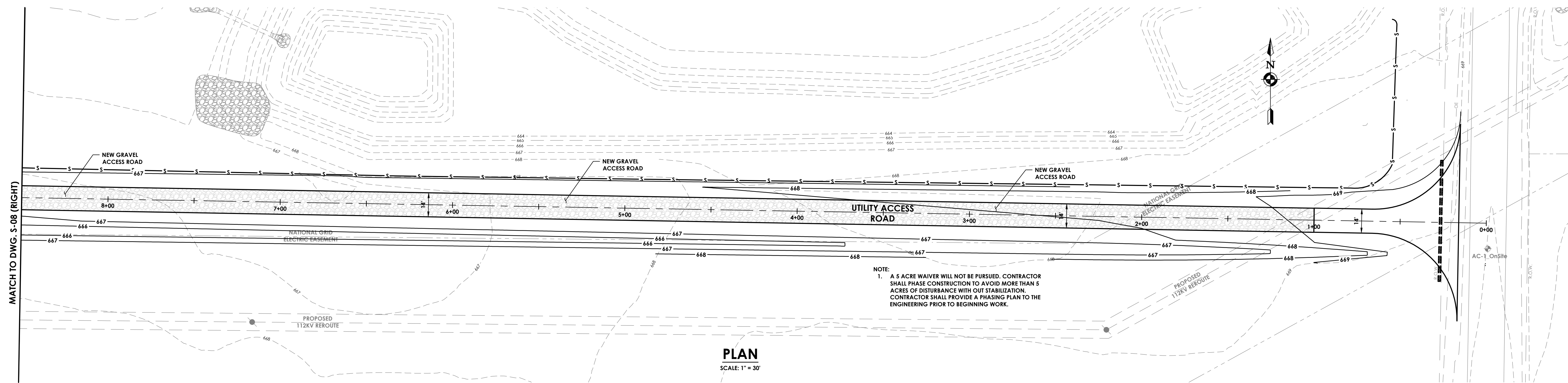
**STAMP UTILITY PARCEL ACCESS ROAD
 UTILITY ACCESS ROAD &
 NATIONAL GRID MARSHALING YARD
 STA. U8+50 TO STA. U16+50**

PROJECT NUMBER
 12498.40

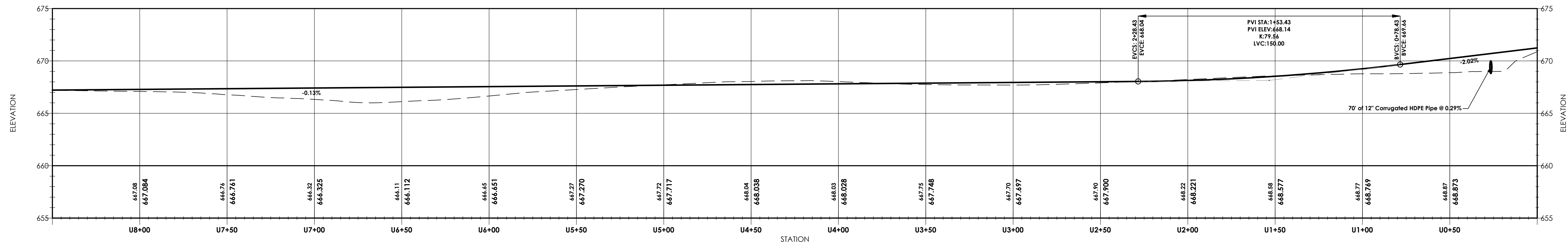
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S-08R

MATCH TO DWG. S-07 TOP (LEFT)

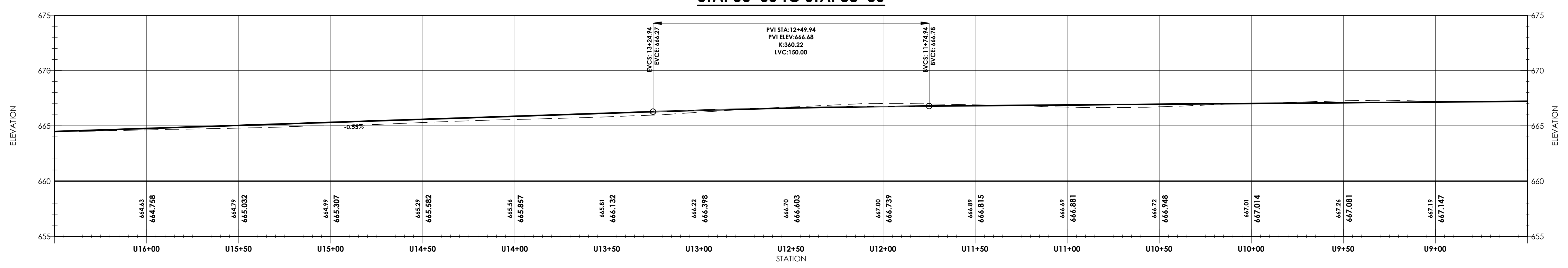
Referenced Drawings: STAMP Design-Crosby Road Reconstruction X-BIG WATER STAMP Design-Crosby Road Reconstruction STAMP Basemap 2019 CH122434
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 Date last accessed: 4/12/2022 2:57 PM
 Date last plotted: 4/12/2022 3:15 PM
 Plotted By: Zach Anderson



PLAN
SCALE: 1" = 30'



UTILITY ACCESS ROAD
STA. U0+00 TO STA. U8+00
SCALE: 1"=30' HORIZONTAL
1"=5' VERTICAL



UTILITY ACCESS ROAD
STA. U8+00 TO STA. U16+00
SCALE: 1"=30' HORIZONTAL
1"=5' VERTICAL

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION
1	1/28/22	ZLA	ARK	ISSUED FOR CONSTRUCTION

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 ROCHESTER, NEW YORK 14604
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Clark Patterson Lee
ARCHITECTURE | ENGINEERING | PLANNING

GENESSEE COUNTY ECONOMIC DEVELOPMENT CENTER
 TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

DATE: 6/23/16
 DRAWN: TRB
 DESIGNED: ZLA
 CHECKED: ARK
 SCALE: 1"=30'

STAMP UTILITY ACCESS ROAD
UTILITY ACCESS ROAD
STA. U1+00 TO STA. U8+00

PROJECT NUMBER
 12498.40
 DRAWING NUMBER
S-07

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