

construction Plans/Iree_Cov

Rail Trail/MSTN/De

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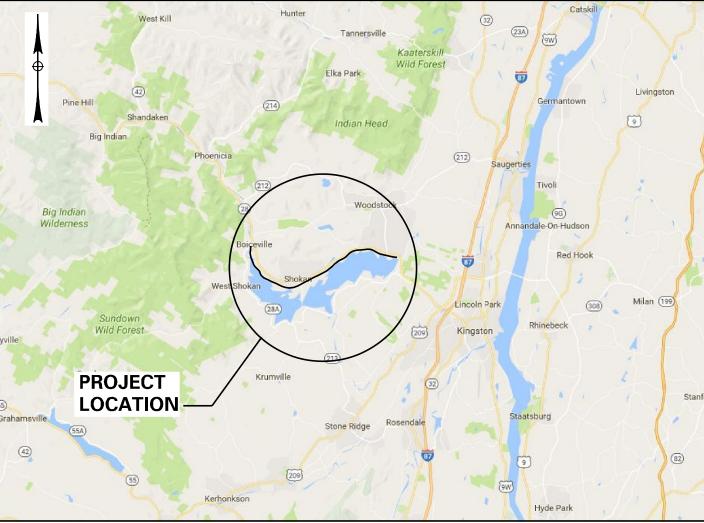
Ashok

FILE



ASHOKAN RAIL TRAIL ULSTER COUNTY

TREE REMOVAL CONTRACT DRAWINGS SEPTEMBER 15, 2017

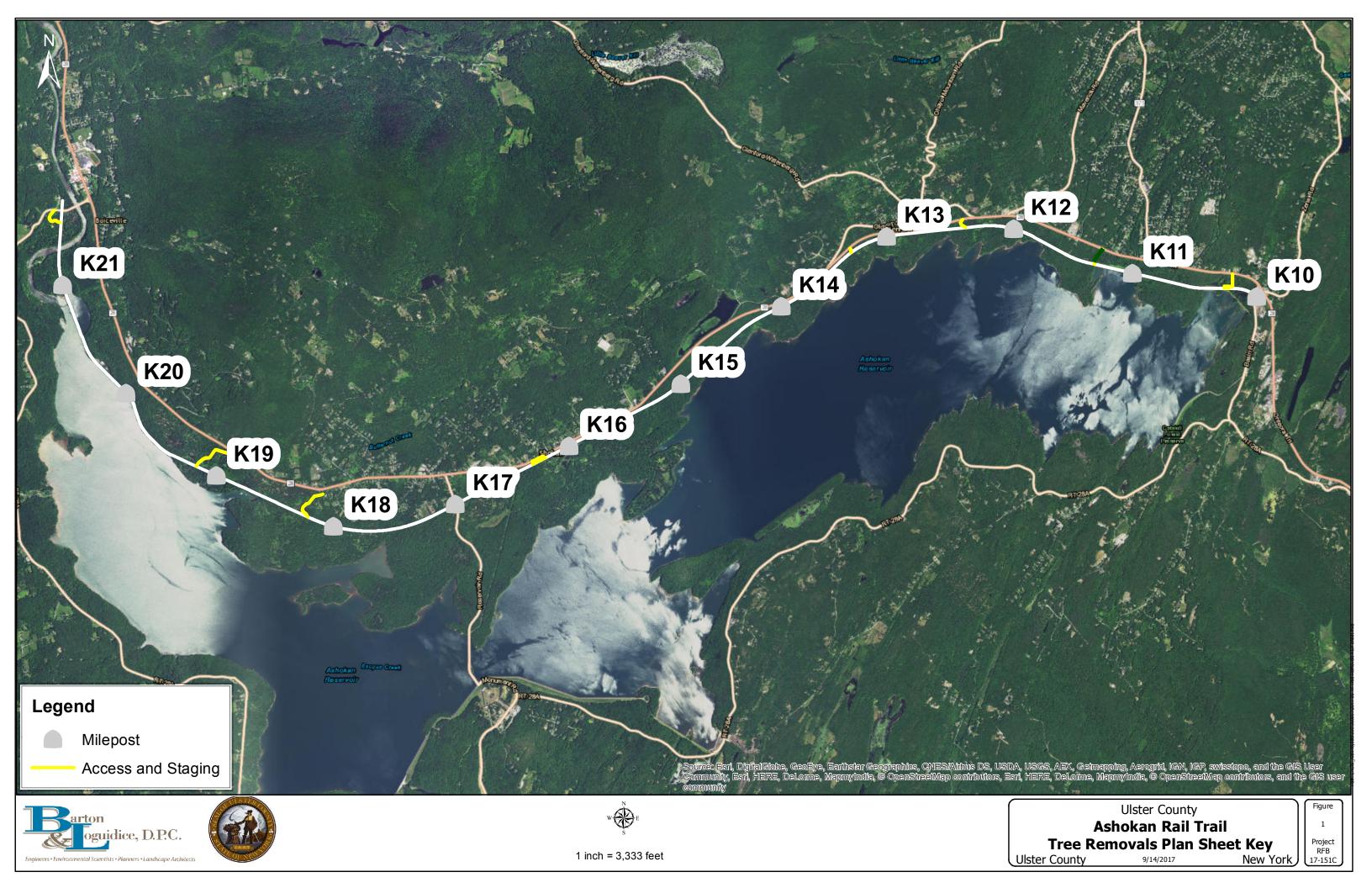


PROJECT LOCATION



PREPARED AND RECOMMENDED BY

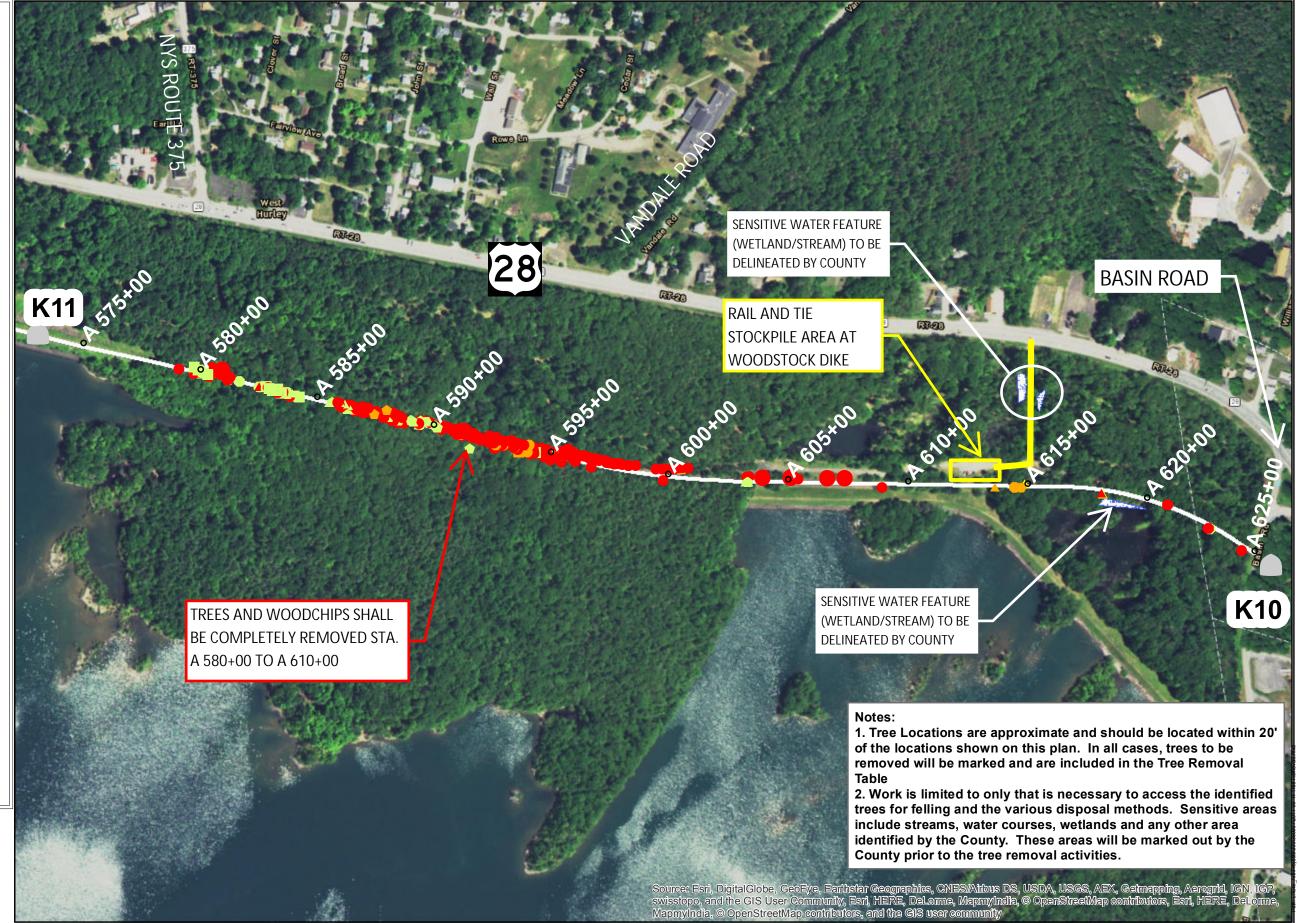
THOMAS C. BAIRD, P.E. DATE NEW YORK STATE PROFESSIONAL ENGINEERS LICENSE NO. 074590



Trees K10_K11

Status, DBH_range, Species (Segment Quantity)

- alive, 4-14, Birch (20)
- alive, 4-14, Maple (20)
- alive, 4-14, Oak (2)
- alive, 4-14, Other (3)
- alive, 4-14, Pine (9)
- dead standing, 15-24, Ash (11)
- dead standing, 4-14, Ash (157)
- dead standing, 4-14, Birch (1)
- dead standing, 4-14, Other (3)
- dead standing, 4-14, Pine (3)
- down, 4-14, Ash (7)
- down, 4-14, Birch (3)
- down, 4-14, Maple (1)
- down, 4-14, Oak (1)
- down, 4-14, Other (3)
- down, 4-14, Pine (1)
- stressed, 4-14, Oak (1)
- stressed, 4-14, Pine (2)
- Milepost
- Access and Staging
- Streams
- Wetlands









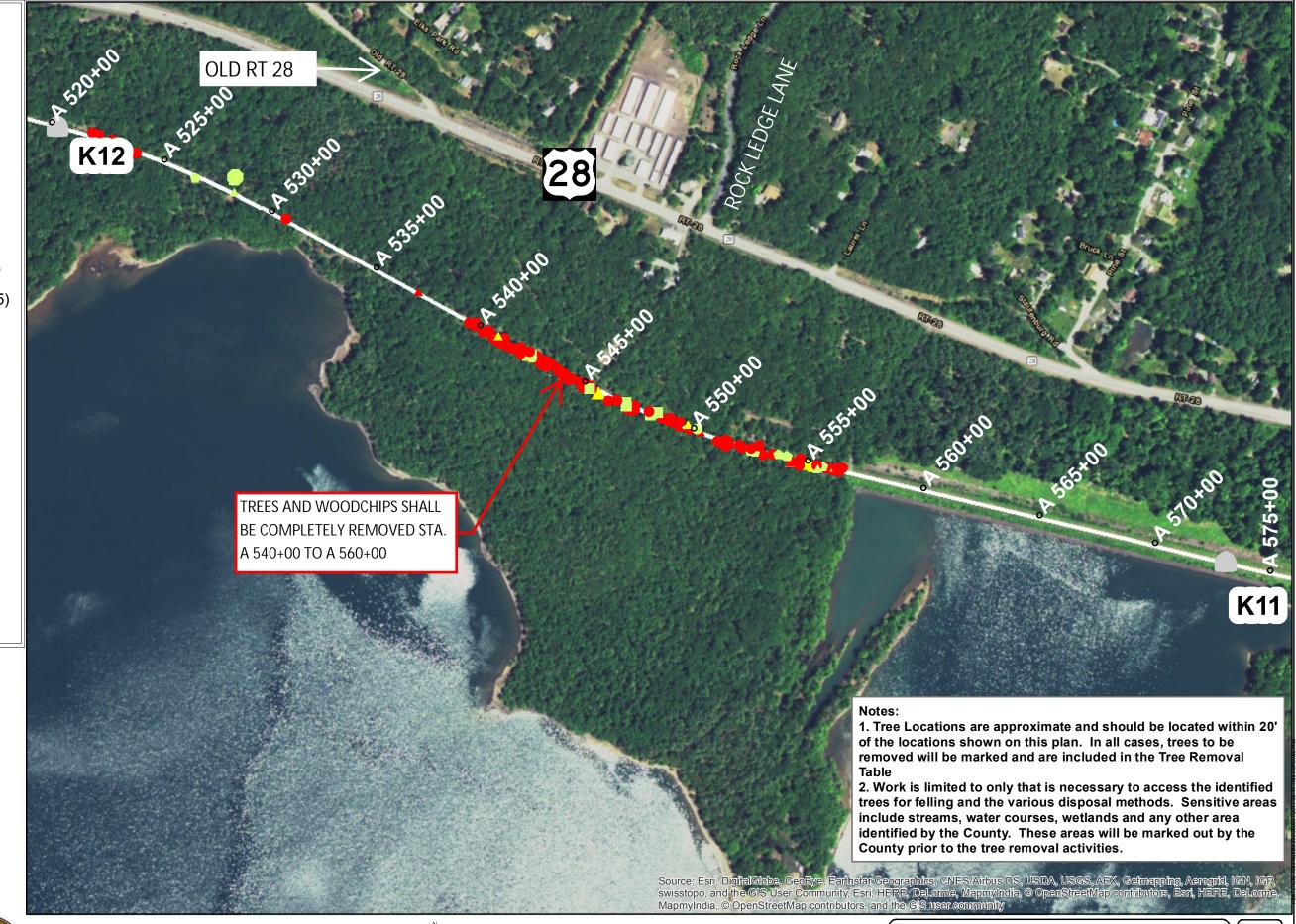
1 inch = 400 feet



Trees K11_K12

Status, DBH_range, Species (Segment Quantity)

- alive, 15-24, Other (1)
- alive, 4-14, Ash (1)
- alive, 4-14, Birch (15)
- alive, 4-14, Maple (11)
- alive, 4-14, Pine (5)
- dead standing, 15-24, Ash (1)
- dead standing, 4-14, Ash (105)
- dead standing, 4-14, Pine (5)
- down, 4-14, Pine (1)
- stressed, 15-24, Pine (1)
- stressed, 4-14, Birch (1)
- stressed, 4-14, Other (2)
- stressed, 4-14, Pine (9)
- Milepost
 - Access and Staging Streams
- Wetlands







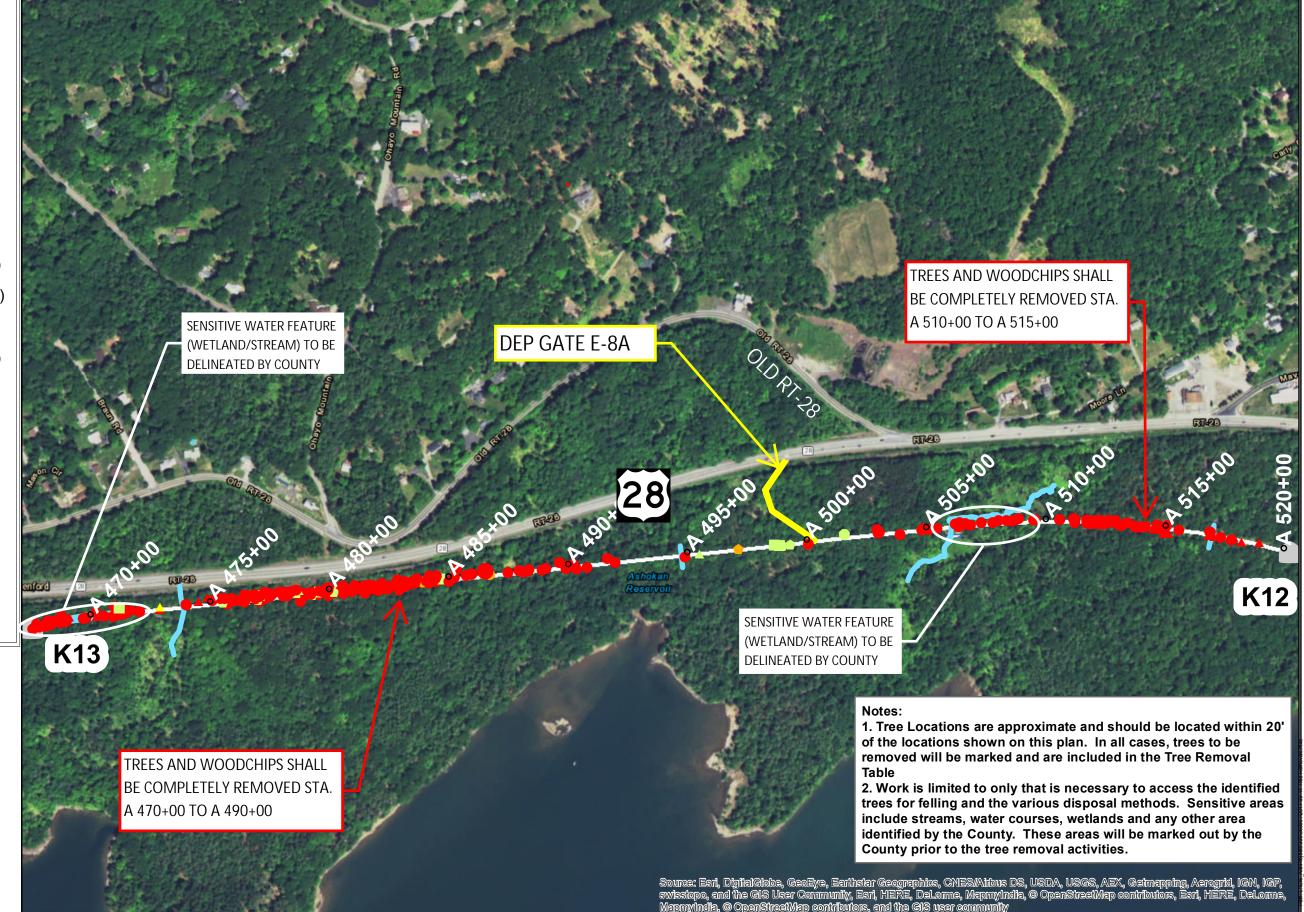




Trees K12_K13

Status, DBH_range, Species (Segment Quantity)

- alive, 4-14, Birch (6)
- alive, 4-14, Maple (9)
- alive, 4-14, Other (1)
- alive, 4-14, Pine (2)
- dead standing, 15-24, Ash (1)
- dead standing, 15-24, Pine (1)
- dead standing, 4-14, Ash (275)
- dead standing, 4-14, Birch (1)
- dead standing, 4-14, Pine (25)
- down, 4-14, Ash (2)
- down, 4-14, Birch (1)
- stressed, 4-14, Ash (1)
- stressed, 4-14, Pine (3)
- Milepost
 - Access and Staging Streams
- Wetlands









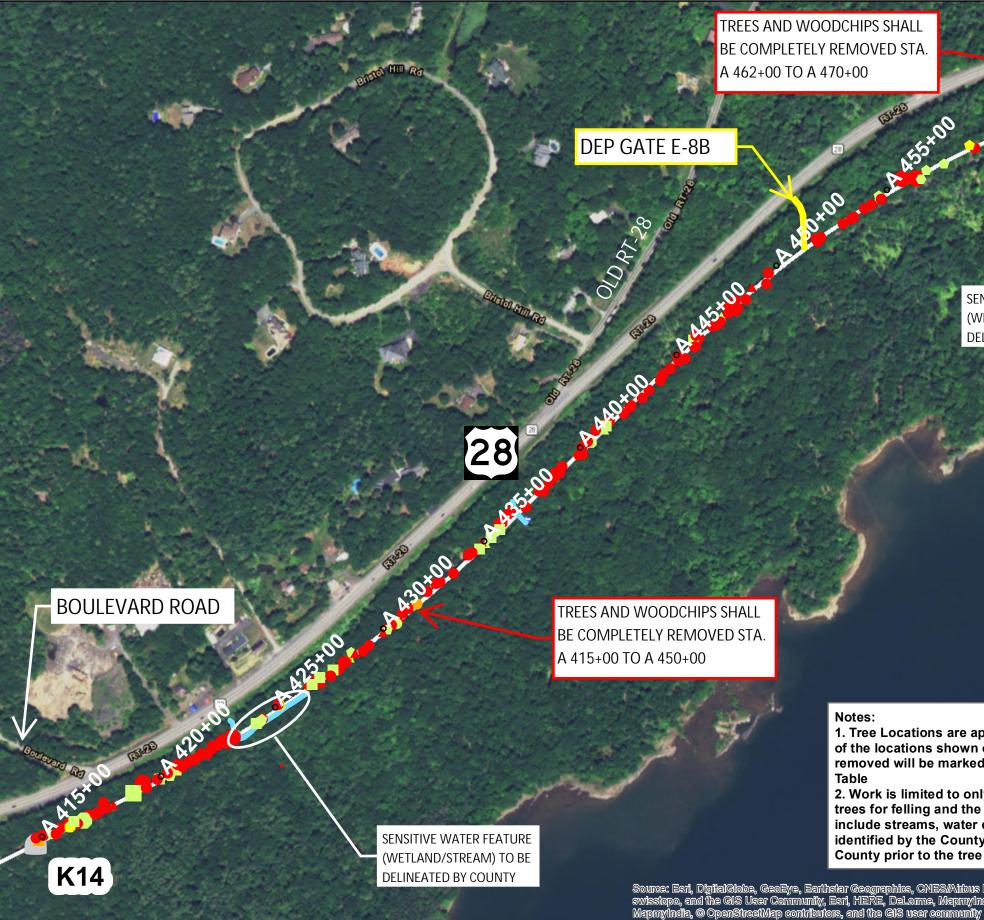
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Trees K13_K14

Status, DBH_range, Species (Segment Quantity)

- alive, 15-24, Maple (1)
- alive, 15-24, Other (1)
- alive, 4-14, Ash (1)
- alive, 4-14, Birch (15)
- alive, 4-14, Maple (23)
- alive, 4-14, Oak (2)
- alive, 4-14, Other (3)
- alive, 4-14, Pine (12)
- dead standing, 15-24, Ash (4)
- dead standing, 4-14, Ash (207)
- dead standing, 4-14, Oak (1)
- dead standing, 4-14, Pine (17)
- down, 4-14, Ash (3)
- down, 4-14, Maple (1)
- stressed, 4-14, Ash (2)
- stressed, 4-14, Birch (2)
- stressed, 4-14, Other (4)
- stressed, 4-14, Pine (5)
- Milepost
- Access and Staging
- Streams
- Wetlands









Table

SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY

K13

1. Tree Locations are approximate and should be located within 20' of the locations shown on this plan. In all cases, trees to be removed will be marked and are included in the Tree Removal

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.

Source: Esrl, Digital Globe, GeoEye, Earthstar Geographics, CNES/Atious DS, USDA, USGS, AEX, Getn swisstopo, and the GIS User Community, Esrl, HERE, DeLorme, MapmyIndia, © OpenStreetMap contrib MapmyIndia, © OpenStreetMap contributors, and the GIS user community



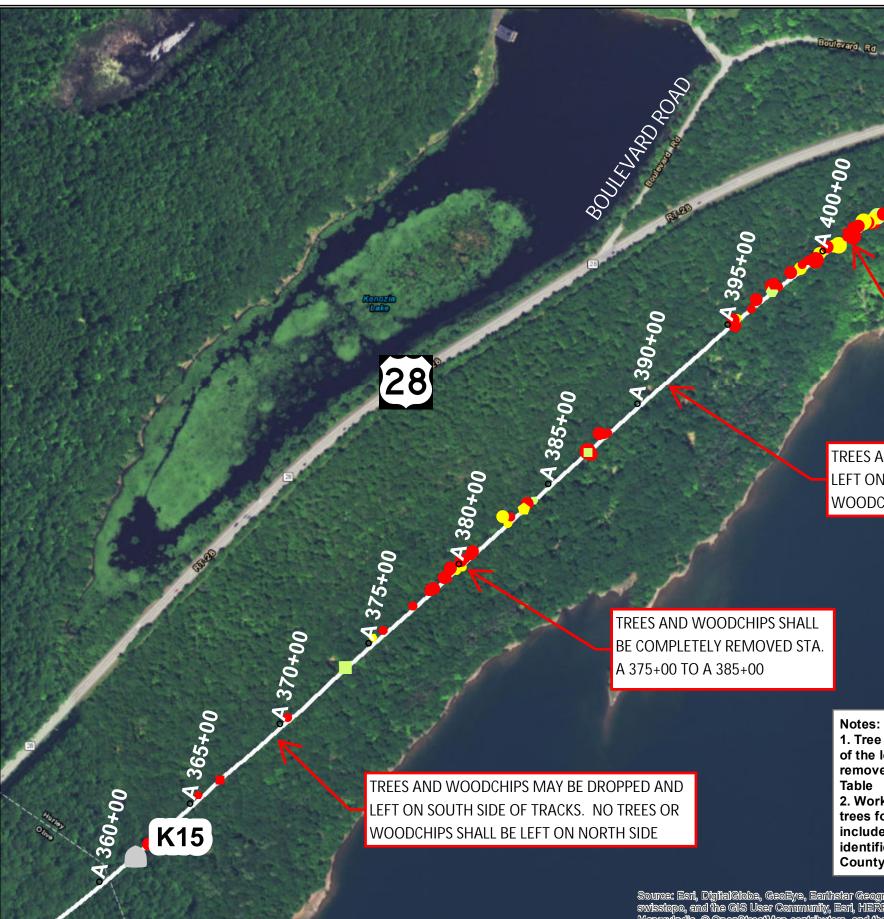
Trees K14_K15

Status, DBH_range, Species (Segment Quantity)

- alive, 15-24, Ash (1)
- alive, 4-8, Birch (1)
- alive, 4-8, Maple (1)
- alive, 4-8, Oak (1)
- alive, 4-8, Other (1)
- alive, 9-14, Maple (1)
- alive, 9-14, Oak (3)
- dead standing, 15-24, Ash (3)
- dead standing, 4-14, Ash (1)
- dead standing, 4-8, Ash (34)
- dead standing, 4-8, Maple (2)
- dead standing, 4-8, Oak (1)
- dead standing, 4-8, Other (1)
- dead standing, 9-14, Ash (32)
- dead standing, 9-14, Oak (2)
- dead standing, 9-14, Other (1)
- stressed, 15-24, Ash (2)
- stressed, 4-8, Ash (5)
- stressed, 4-8, Oak (1)
- stressed, 9-14, Ash (7)
- stressed, 9-14, Birch (1)
 - Milepost
- Access and Staging
- Streams
- Wetlands











TREES AND WOODCHIPS MAY BE DROPPED AND LEFT ON BOTH SIDES OF TRACKS. NO TREES OR WOODCHIPS SHALL BE LEFT IN STREAMS

TREES AND WOODCHIPS MAY BE DROPPED AND LEFT ON SOUTH SIDE OF TRACKS. NO TREES OR WOODCHIPS SHALL BE LEFT ON NORTH SIDE

50

1. Tree Locations are approximate and should be located within 20' of the locations shown on this plan. In all cases, trees to be removed will be marked and are included in the Tree Removal

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.

: Esri, Digital Globa, Geoegya, Earthstar Geographics, CNES/Altious DS, USDA, USGS, AEX, Geim po, and the GIS User Community, Esri, HERE, DeLorme, MapmyIndita, © OpenStreetMap contribu Indita, © OpenStreetMap contributors, and the GIS user community



Trees K15_K16

Status, DBH_range, Species (Segment Quantity)

- dead standing, 15-24, Ash (36)
- dead standing, 25-34, Ash (3)
- dead standing, 4-8, Ash (163)
- dead standing, 4-8, Birch (1)
- dead standing, 4-8, Maple (1)
- dead standing, 4-8, Other (2)
- dead standing, 9-14, Ash (144)
- down, 9-14, Ash (3)
- down, 9-14, Maple (1)
- down, 9-14, Oak (1)
- stressed, 4-8, Ash (4)
- stressed, 9-14, Ash (9)
- Milepost
- Access and Staging Streams
- Wetlands

TREES AND WOODCHIPS MAY BE DROPPED AND LEFT ON SOUTH SIDE OF TRACKS. NO TREES OR WOODCHIPS SHALL BE LEFT ON NORTH SIDE

TREES AND WOODCHIPS SHALL

BE COMPLETELY REMOVED STA.

A 320+00 TO A 350+00

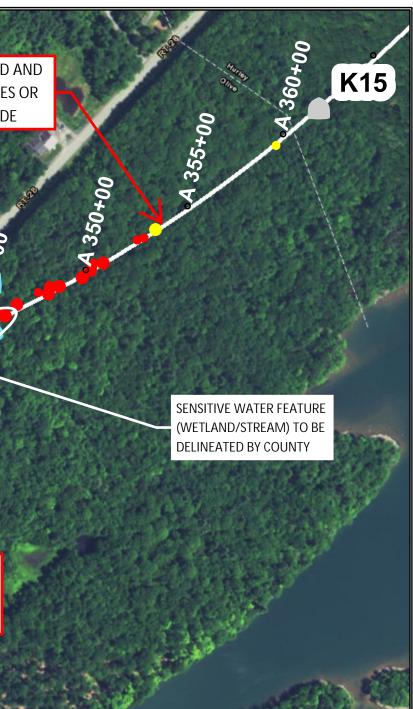
SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY

TREES AND WOODCHIPS MAY BE DROPPED AND LEFT ON SOUTH SIDE OF TRACKS. NO TREES OR WOODCHIPS SHALL BE LEFT ON NORTH SIDE OR IN DELINEATED SENSITIVE AREAS





K16



1. Tree Locations are approximate and should be located within 20' of the locations shown on this plan. In all cases, trees to be removed will be marked and are included in the Tree Removal

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.

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Trees K16_K17

Status, DBH_range, Species (Segment Quantity)

- dead standing, 15-24, Ash (14)
- dead standing, 15-24, Pine (1)
- dead standing, 4-8, Ash (40)
- dead standing, 4-8, Other (1)
- dead standing, 4-8, Pine (1)
- dead standing, 9-14, Ash (101)
- dead standing, 9-14, Other (2)
- down, 15-24, Ash (1)
- stressed, 15-24, Ash (5)
- stressed, 4-8, Ash (1)
- stressed, 9-14, Ash (7)
 - Milepost
- Access and Staging
- Streams
- Wetlands

TREES AND WOODCHIPS SHALL BE COMPLETELY REMOVED STA. A 255+00 TO A 275+00

00+09

RAIL AND TIE STOCKPILE AREA AT SHOKAN STATION

> SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE **DELINEATED BY COUNTY**

> > Notes: Table

re. Earthstar Geogra ics, CNES/Alibus DS, USDA, USGS, AEX, y, Esri, HERE, DeLorme, MapmyIndia, © Op: utors, and the CIS user community

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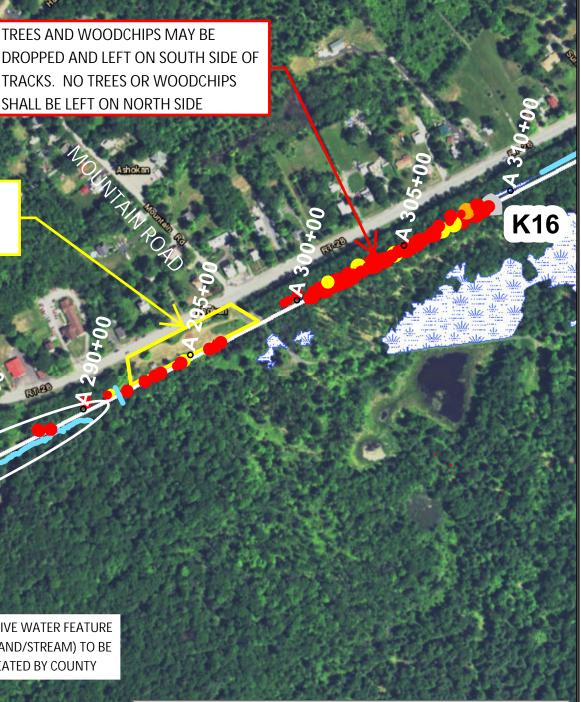
SENSITIVE WATER FEATURE

(WETLAND/STREAM) TO BE

DELINEATED BY COUNTY

27

265+00



1. Tree Locations are approximate and should be located within 20' of the locations shown on this plan. In all cases, trees to be removed will be marked and are included in the Tree Removal

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.



Trees K17_K18

Status, DBH_range, Species (Segment Quantity)

- alive, 4-8, Maple (1)
- dead standing, 15-24, Ash (12)
- dead standing, 4-8, Ash (90)
- dead standing, 4-8, Birch (2)
- dead standing, 4-8, Maple (1)
- dead standing, 4-8, Other (2)
- dead standing, 4-8, Pine (1)
- dead standing, 9-14, Ash (118)
- dead standing, 9-14, Birch (2)
- dead standing, 9-14, Maple (1)
- dead standing, 9-14, Oak (1)
- dead standing, 9-14, Other (5)
- down, 15-24, Ash (1)
- down, 9-14, Birch (1)
- down, 9-14, Other (1)
- stressed, 4-8, Ash (4)
- stressed, 4-8, Birch (2)
- stressed, 9-14, Ash (4)
- stressed, 9-14, Other (1)

Milepost

- Access and Staging
- Streams
- sk Tale Wetlands



Table

oEve, Earthstar Geograp ics. CNES/Alibus DS. USDA. USGS. AEX. Ge , of Hammellin, Esri, HERE, DeLorme, Mapmyindia, © OpenSi contributors, and the GIS user community









Notes:

1. Tree Locations are approximate and should be located within 20' of the locations shown on this plan. In all cases, trees to be removed will be marked and are included in the Tree Removal

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.



Trees K18_K19

Status, DBH_range, Species (Segment Quantity)

- alive, 4-8, Maple (4)
- dead standing, 15-24, Ash (5)
- dead standing, 4-8, Ash (78)
- dead standing, 4-8, Birch (2)
- dead standing, 4-8, Maple (1)
- dead standing, 4-8, Other (2)
- dead standing, 4-8, Pine (23)
- dead standing, 9-14, Ash (61)
- dead standing, 9-14, Oak (2)
- dead standing, 9-14, Other (2)
- dead standing, 9-14, Pine (5)
- stressed, 4-8, Ash (2)
- stressed, 4-8, Pine (2)
- stressed, 9-14, Ash (10)
- stressed, 9-14, Other (1)
- stressed, 9-14, Pine (1)

Milepost

- Access and Staging
 - Streams
- Wetlands

NUE BRAEL A 150+00 55+00 K19 65+00 28 DEP GATE W-5 SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY TREES AND WOODCHIPS SHALL BE COMPLETELY REMOVED STA. A 175+00 TO A 220+00

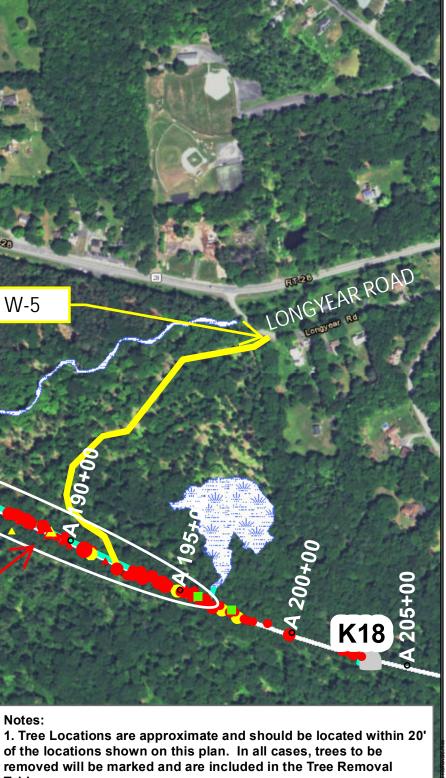
Table

oEye, Earthstar Geographics, CNES/Altous DS, USDA, USGS, AEX, Getma community, Esri, HERE, Delorme, MapmyIndia, © OpenStreetMap contribut p contributors, and the GIS user com









2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.



Trees K19_K20

Status, DBH_range, Species (Segment Quantity)

- alive, 4-8, Birch (2)
- alive, 4-8, Maple (1)
- alive, 4-8, Other (2)
- alive, 9-14, Maple (1)
- dead standing, 15-24, Ash (13)
- dead standing, 15-24, Other (2)
- dead standing, 25-34, Ash (2)
- dead standing, 4-8, Ash (17)
- dead standing, 4-8, Birch (1)
- dead standing, 4-8, Pine (1)
- dead standing, 9-14, Ash (32)
- dead standing, 9-14, Birch (3)
- dead standing, 9-14, Other (3)
- Milepost
 - Access and Staging
- Streams
- Wetlands

K20 02+00 DANCING ROCK ROAD × 110+00 28 120+00 SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE **DELINEATED BY COUNTY** TREES AND WOODCHIPS SHALL NOT BE DEPOSITED ON RESERVOIR SIDE OF TRACKS 130 TREES AND WOODCHIPS SHALL BE COMPLETELY REMOVED STA. A 130+00 TO A 145+00 Notes: 1. Tree Locations are approximate and should be located within 20' CONTRACTOR MAY ELECT TO USE THIS

of the locations shown on this plan. In all cases, trees to be removed will be marked and are included in the Tree Removal Table

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.

AREA FOR STAGING AND STOCKPILING. CONTRACTOR SHALL SUBMIT PLAN TO COUNTY FOR APPROVAL PRIOR TO USE









SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE **DELINEATED BY COUNTY**

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Alrous DS, USDA, USGS, AE swisstopo, and the GIS User Community, Esri, HERE, DeLorme, MapmyIndia, @ OpenStreetMap MapmyIndia, © OpenStreetMap contributors, and the GIS user community

A 150+00

K19

55+0

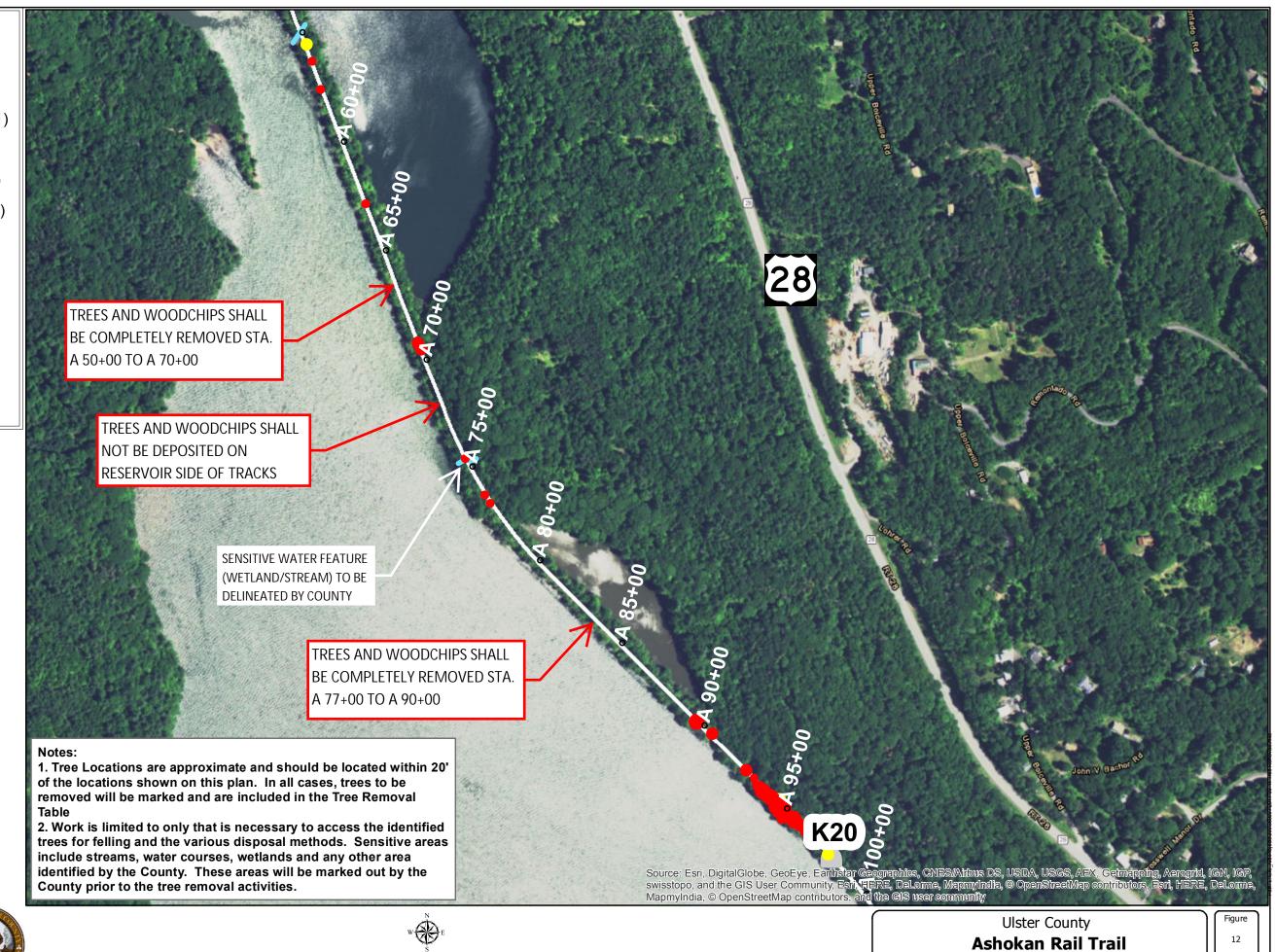


Trees K20_K21

- Status, DBH_range, Species (Segment Quantity)
 - dead standing, 15-24, Ash (11)
 - dead standing, 4-8, Ash (24)
 - dead standing, 9-14, Ash (25)
 - dead standing, 9-14, Other (1)
 - stressed, 9-14, Ash (2)
 - stressed, 9-14, Other (1)
 - Milepost
 - Access and Staging
 - Streams
 - Wetlands

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. Description of the second s





Ulster County						
Ashokan Rail Trail						
Tree Removals K20-K21 Ulster County 9/14/2017 New York						
Ulster County	9/14/2017	New York	17-151C			

Trees K20_K21

Status, DBH_range, Species (Segment Quantity)

e alive, 9-14, Ash (2)

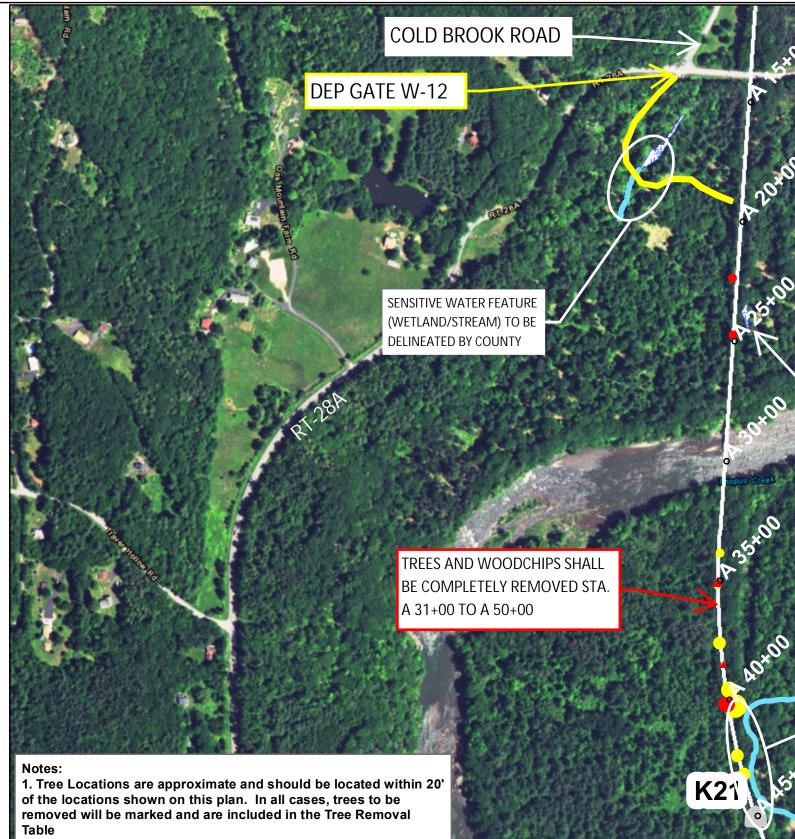
Trees K21_K21.5

Status, DBH_range, Species (Segment Quantity)

- alive, 4-8, Birch (1)
- dead standing, 15-24, Ash (1)
- dead standing, 4-8, Ash (1)
- dead standing, 4-8, Other (1)
- dead standing, 4-8, Pine (2)
- ▲ dead standing, 9-14, Pine (1)
- stressed, 15-24, Ash (1)
- stressed, 35-44, Ash (1)
- stressed, 4-8, Ash (1)
- stressed, 9-14, Ash (4)

Milepost

- Access and Staging
 Streams
- Wetlands



2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.







1 inch = 400 feet

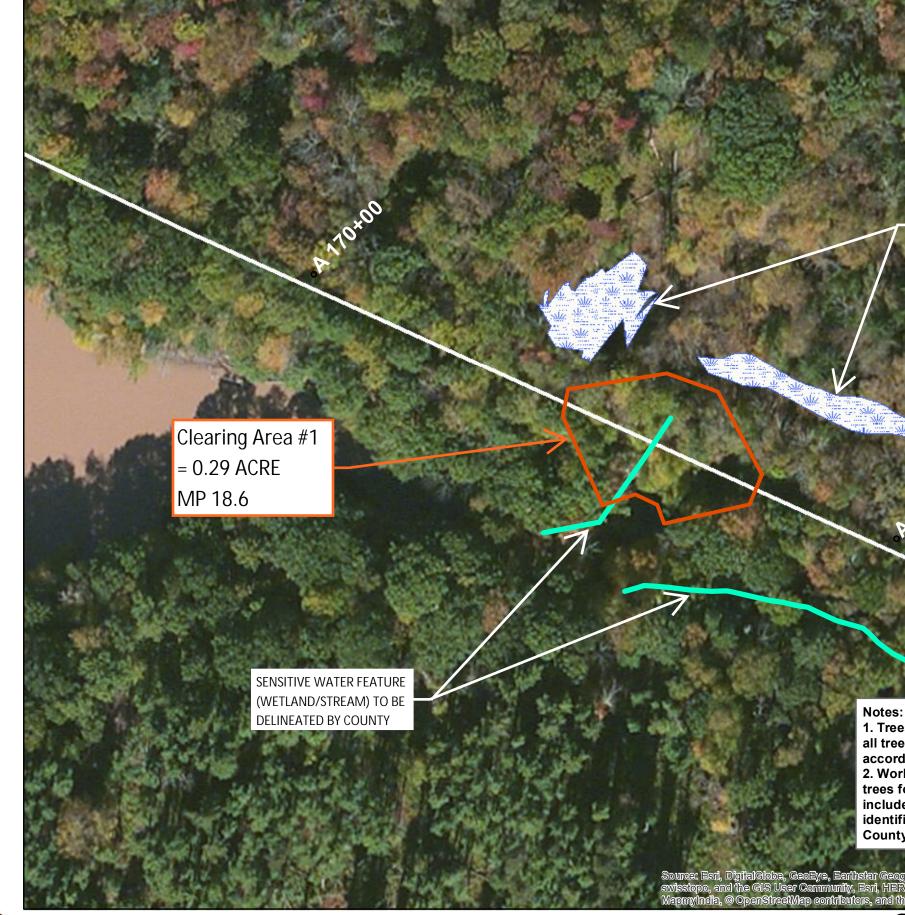
SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY

> SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY

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Legend Clearing Areas (1) Milepost Access and Staging Streams Wetlands









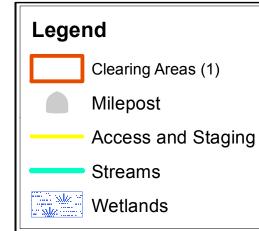
SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY

1. Trees within highlighted areas consists of dense hardwood and all trees within highlighted area shall be removed and disposed of accordingly

2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area identified by the County. These areas will be marked out by the County prior to the tree removal activities.

s, CNES/Aitbus DS, USDA, USGS, AEX, Go , Esri, HERE, DeLorme, MapmyIndia, © OpenS GIS user com





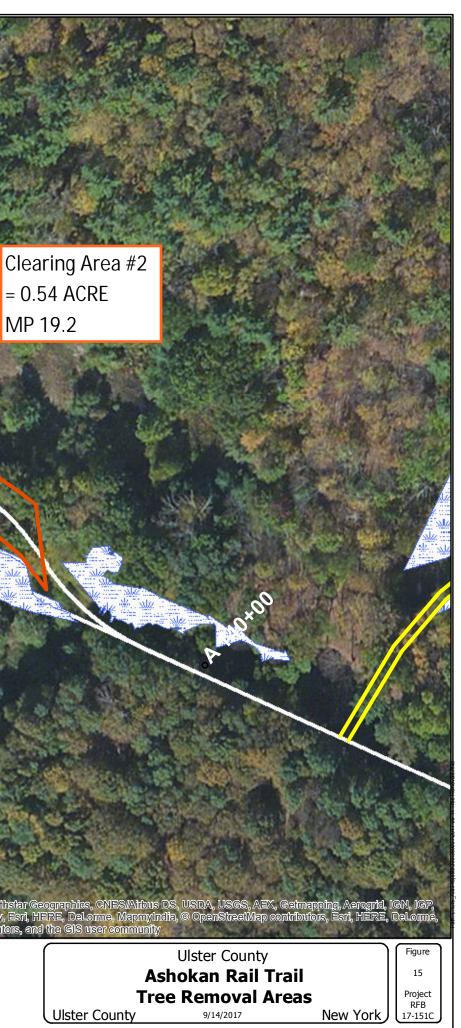
SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY MP 19.2 SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY Notes: 1. Trees within highlighted areas consists of dense hardwood and all trees within highlighted area shall be removed and disposed of accordingly 2. Work is limited to only that is necessary to access the identified trees for felling and the various disposal methods. Sensitive areas include streams, water courses, wetlands and any other area

identified by the County. These areas will be marked out by the County prior to the tree removal activities.

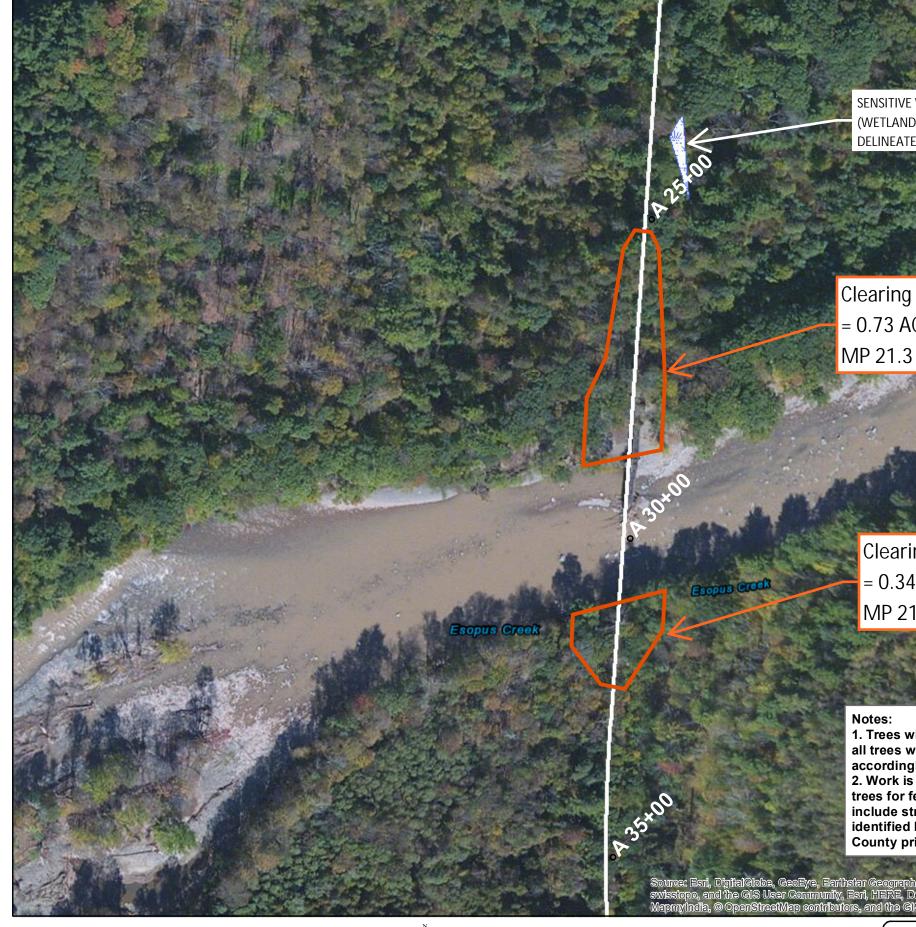


















1 inch = 150 feet

SENSITIVE WATER FEATURE (WETLAND/STREAM) TO BE DELINEATED BY COUNTY

Clearing Area #4 = 0.73 ACRE

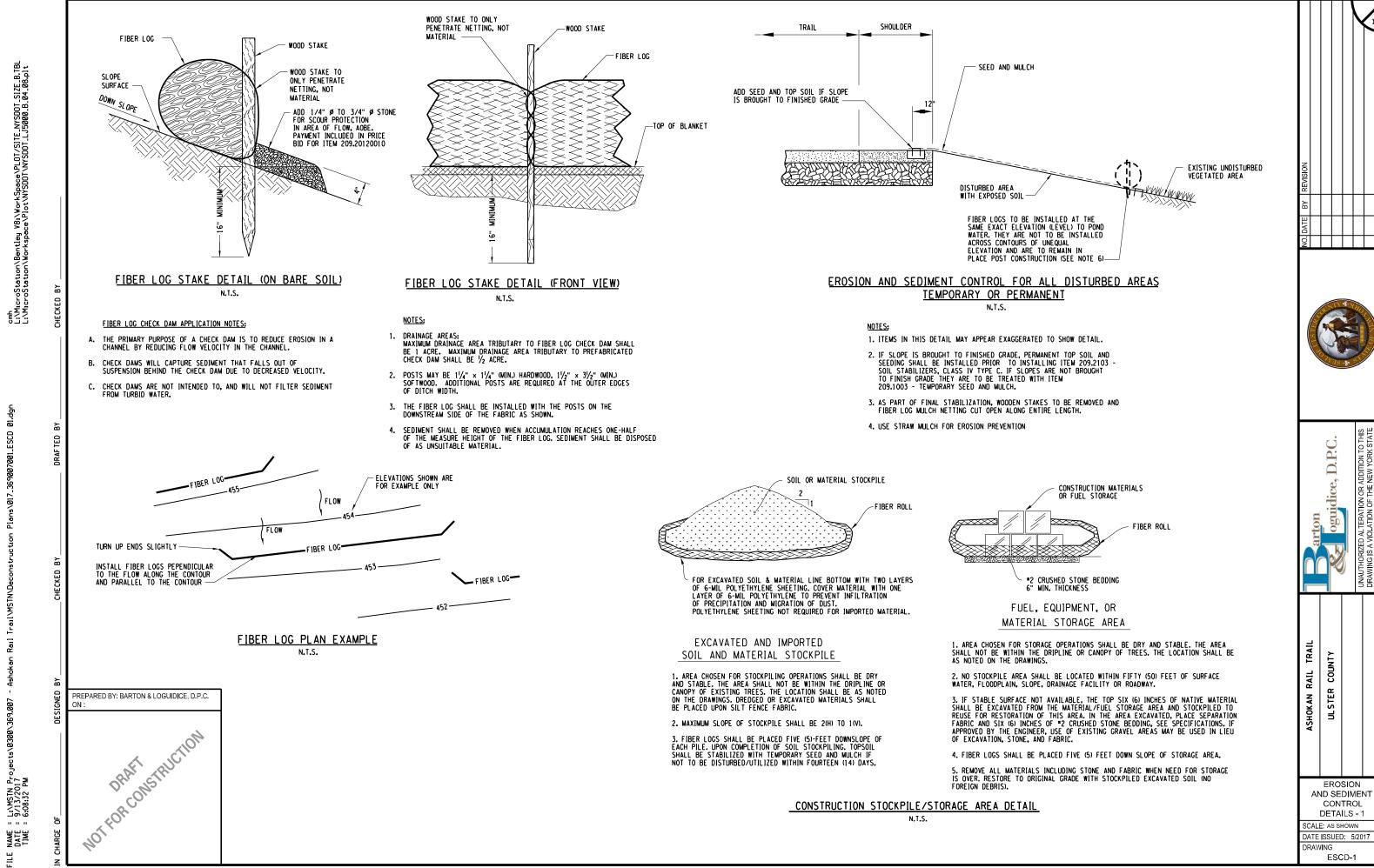
> Clearing Area #3 = 0.34 ACRE MP 21.2

1. Trees within highlighted areas consists of dense hardwood and all trees within highlighted area shall be removed and disposed of accordingly

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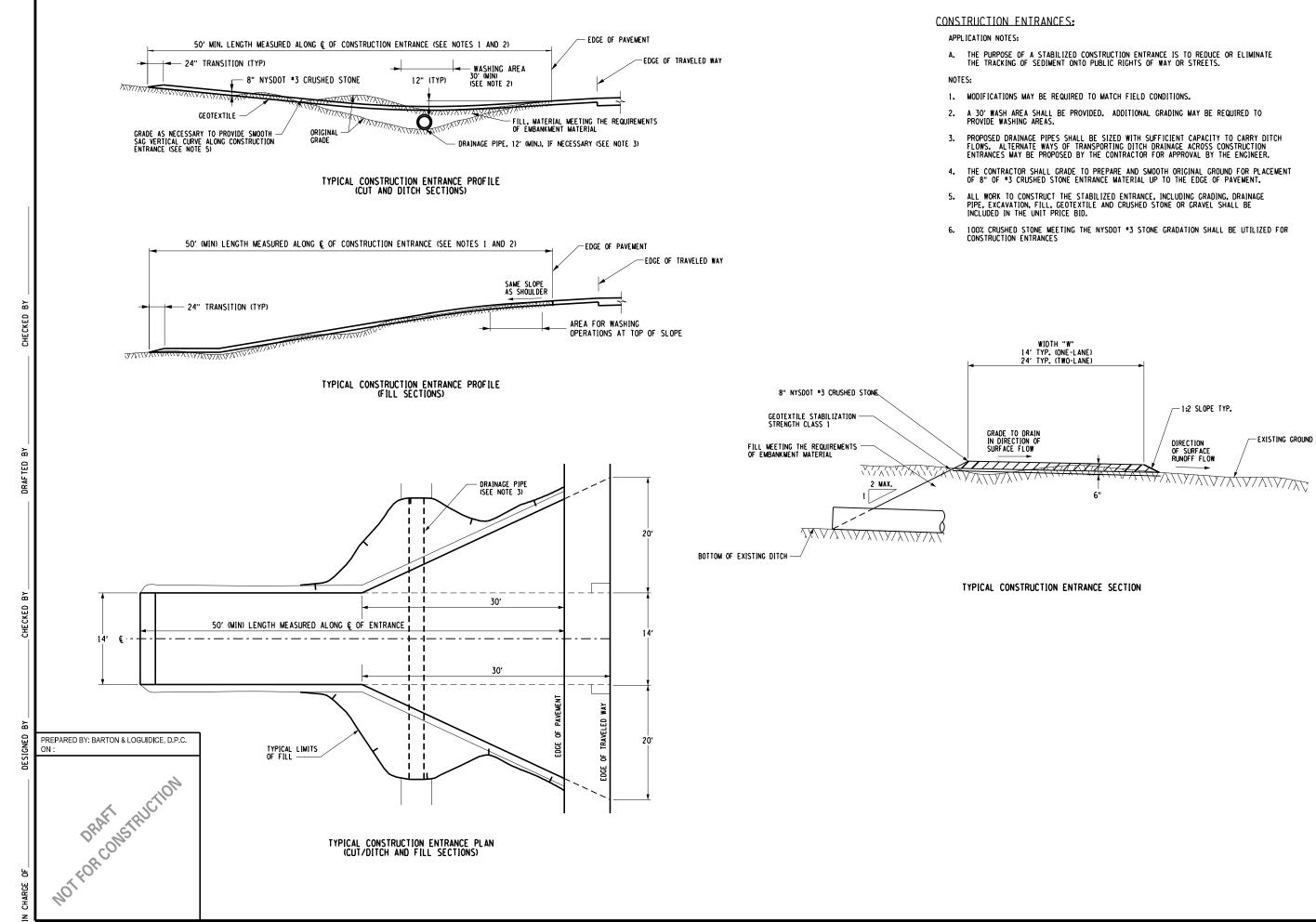
Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, G mity, Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap con ributors, and the GIS user community





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arton Sguidice, D.P.C.					UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209			
ASUAKAN PATI TPATI		III STED COUNTY						
EROSION AND SEDIMENT CONTROL DETAILS - 2 SCALE: NOME DATE ISSUED: 3/2017 DRAWING ESCD-2								