

Approximately One Mile

LOCATION MAP

Fort Wayne West 7.5 Minute Topographic

NOTICE TO CONTRACTOR

NO REPRESENTATION IS MADE AS TO THE EXISTENCE OR NONEXISTENCE OF UNDERGROUND HAZARDS. AT LEAST 2 WORKING DAYS PRIOR TO START OF CONSTRUCTION, THE OWNERS OF PIPELINES OR OTHER UTILITIES MUST BE NOTIFIED OF THE PENDING CONSTRUCTION BY THE CONTRACTOR. UTILITIES THAT PARTICIPATE WITH THE INDIANA UNDERGROUND PLANT PROTECTION SERVICES, INC. CAN BE NOTIFIED BY CALLING 1-800-382-5544, TOLL FREE.

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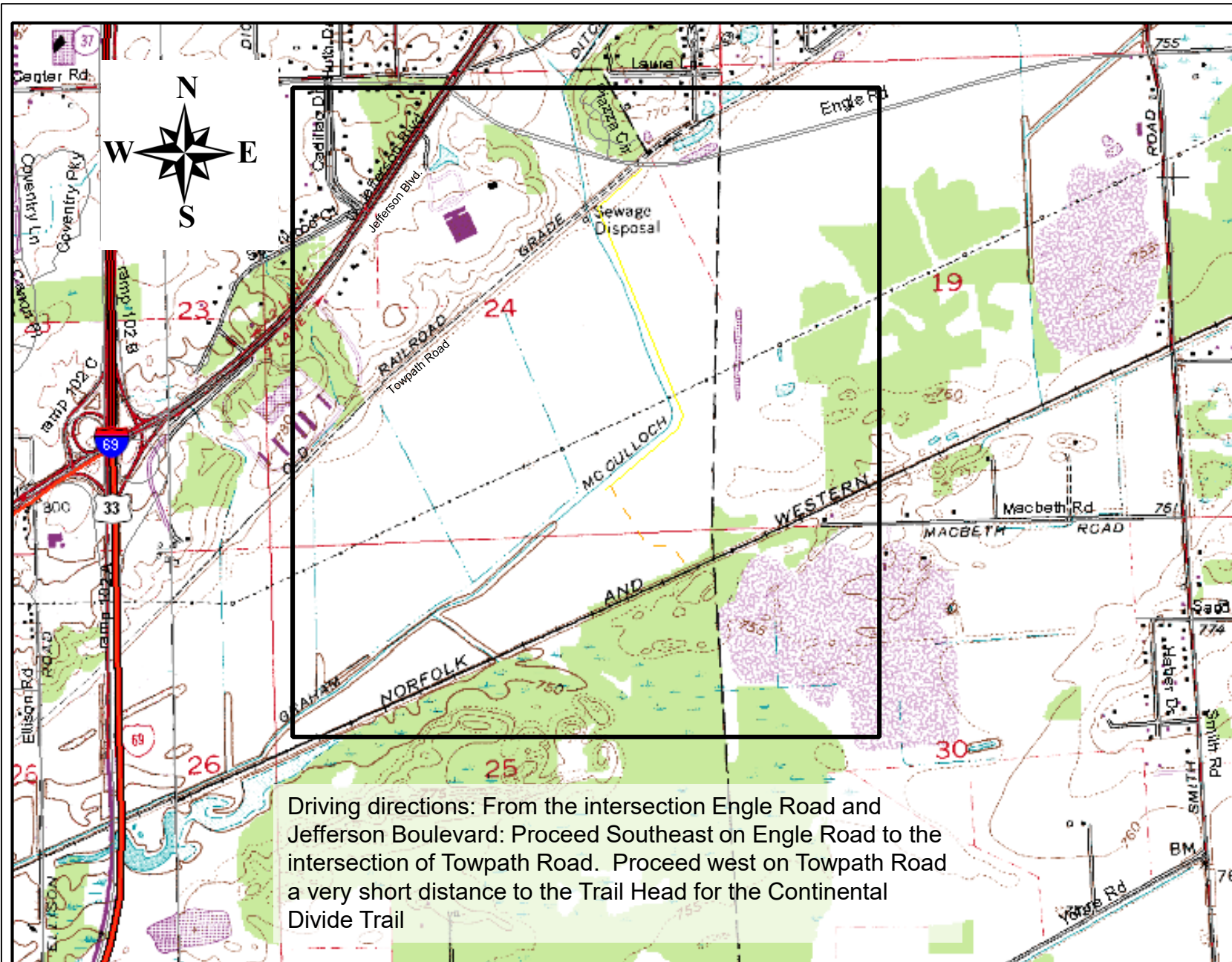


DRAWING NO.
SHEET 1 OF 6

EAGLE MARSH EROSION BERM ENHANCEMENT
ALLEN COUNTY INDIANA

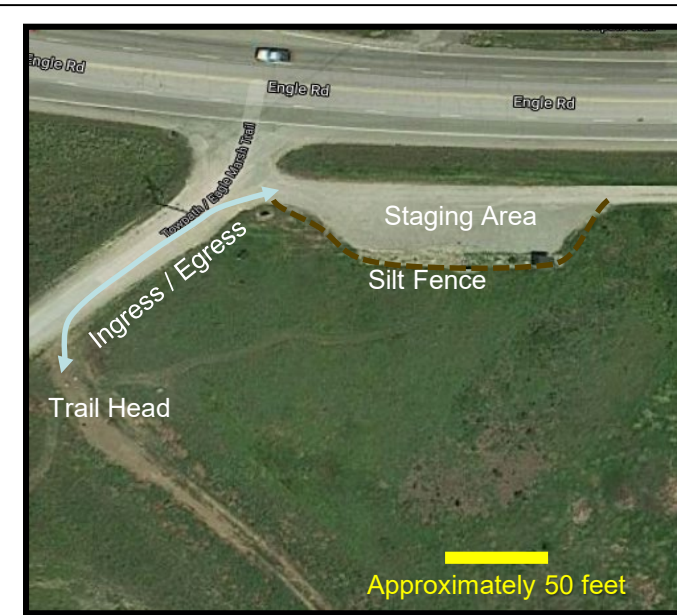
INDIANA DEPARTMENT OF NATURAL RESOURCES

PROJECT No.	<u>ENG2102908001</u>	DATE	<u> </u>
DRAWN	<u>Greg Waltz</u>		<u>6/1/2020</u>
CHECKED	<u>David Nance</u>		<u>6/1/2020</u>



Driving directions: From the intersection Engle Road and Jefferson Boulevard: Proceed Southeast on Engle Road to the intersection of Towpath Road. Proceed west on Towpath Road a very short distance to the Trail Head for the Continental Divide Trail

INGRESS / EGRESS LOCATION MAP



Ingress - Egress Staging area to Trail Head:
The staging area is located where indicated on the diagram. The construction area is along the crest of the berm starting at the trail head. Ingress and egress will occur between the two sites using the public road. The Contractor shall maintain a stable and clean construction entrance throughout the duration of the project. The Contractor shall keep public roads clean by removing dust, dirt, and debris.. See specifications for additional information.



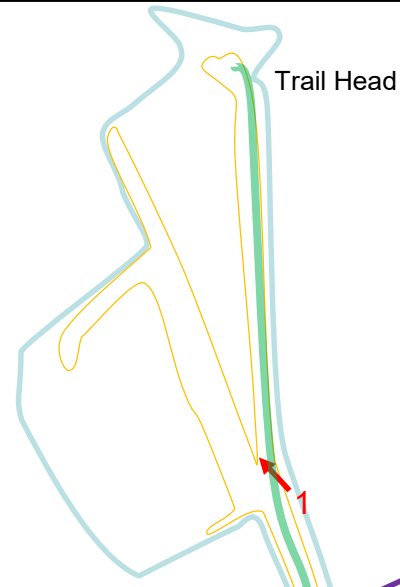
Follow the berm crest from the trail head to various work sections.
Work consists of the following:
Installation of 9' wide / 4" tall geoweb along the center line of the berm crest. Material will be placed as per manufacture recommendations and detail specification.

DRAWING NO.
SHEET 2 OF 6

EAGLE MARSH BERM CREST STABILIZATION
ALLEN COUNTY INDIANA

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Berm Crest Improvements are along the center line of the berm Crest, 9 to 9.5' total width.

Rock Fill Section



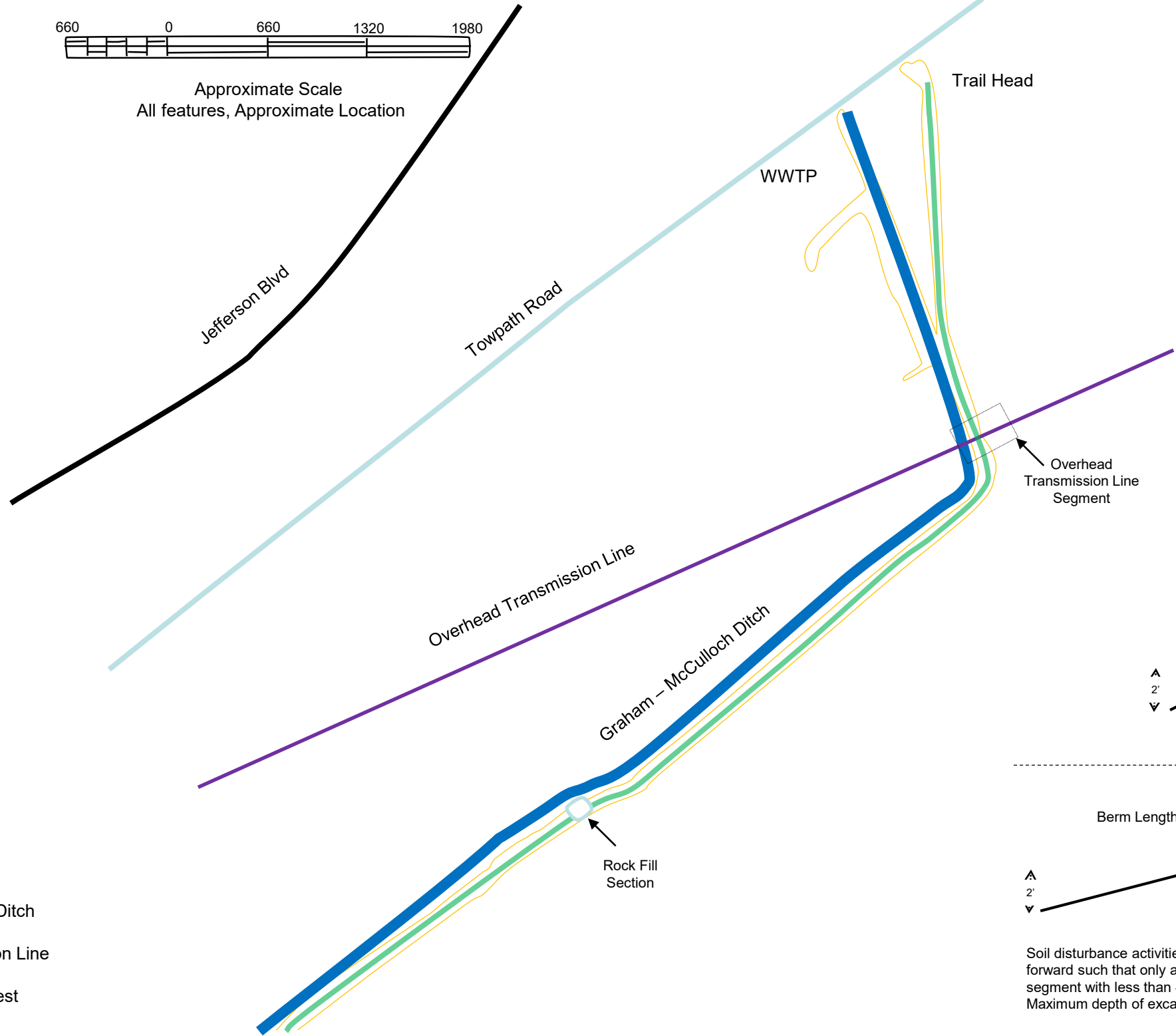
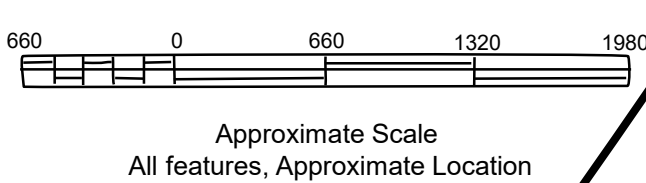
Approximate Scale



DRAWING NO.
SHEET 3 OF 6

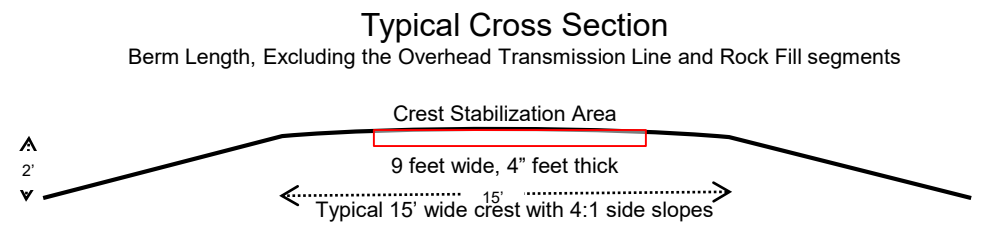
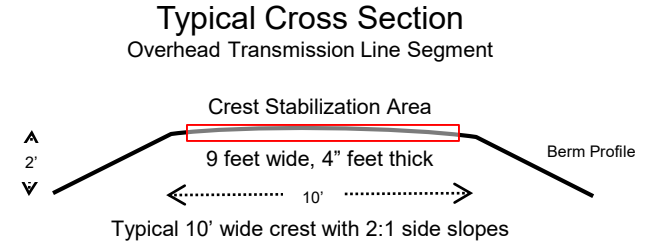
EAGLE MARSH BERM CREST STABILIZATION
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Legend

- Gravel Towpath Road
- Graham - McCulloch Ditch
- Overhead Transmission Line
- Centerline of Berm Crest



Soil disturbance activities will be limited to the crest of the berm. Work will be performed from the back forward such that only a limited amount of crest is exposed at a time. Silt fence will be required for the segment with less than 4:1 side slope and 10 feet wide associated with the overhead transmission line. Maximum depth of excavation will be 4.0"

DRAWING NO.
SHEET 4 OF 6

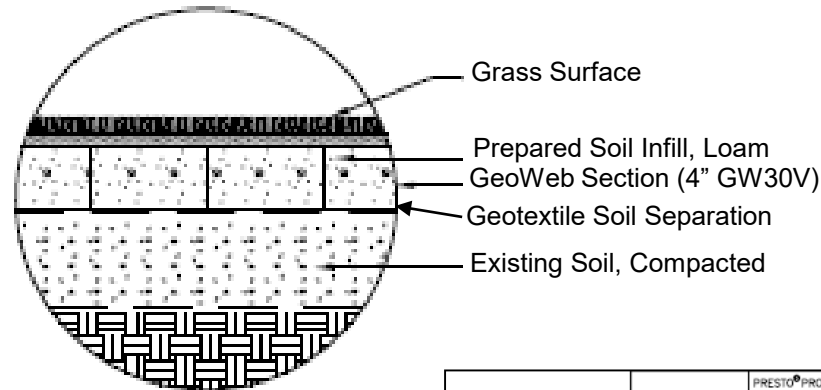
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SECTION A - A



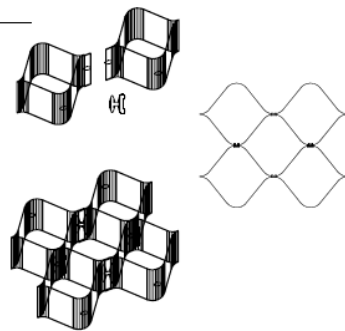
DETAIL A

TYPICAL GRASS TRAIL DETAILS

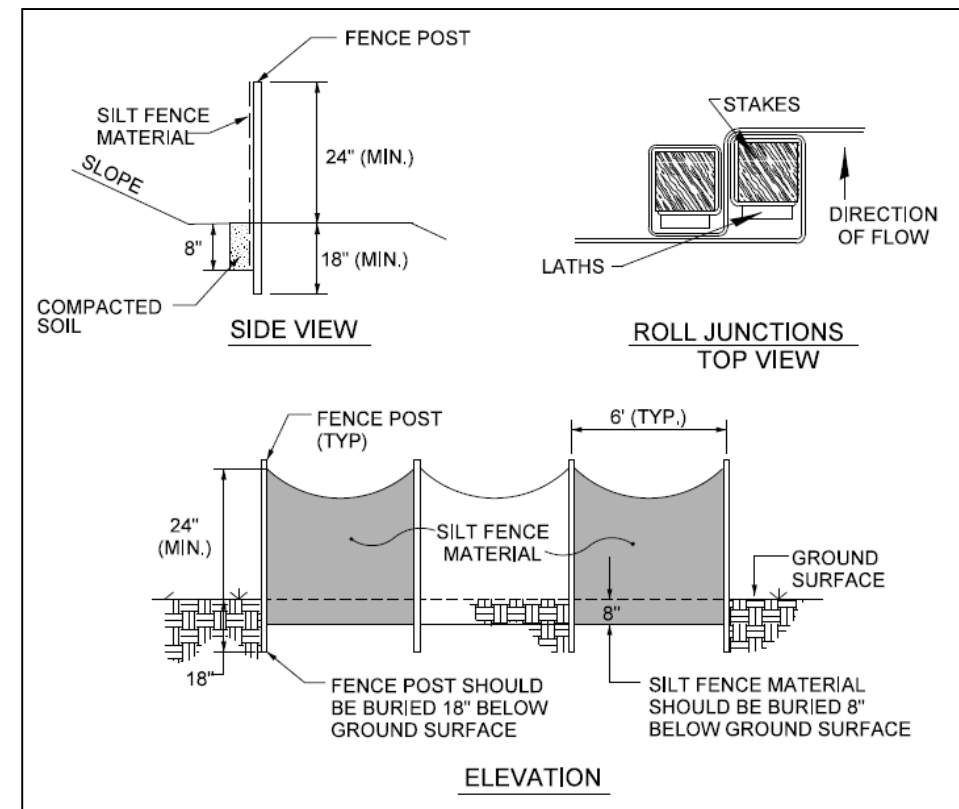
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	<p>GENUINE GEOWEB® SURFACE PAVEMENT DETAILS</p> <p>PRESTO®, GEOWEB®, AND ATRA® ARE REGISTERED TRADEMARKS OF PRESTO PRODUCTS. DATE: NOVEMBER 2019 FILE NAME: 04/27/2019 SCALE: NTS SHEET: 1 OF 2 PRESTO GEOSYSTEMS</p>

ATRA® KEY CONNECTION DETAILS

- GEOWEB CONNECTION NOTES:
1. THE TOP EDGES OF ADJACENT CELL WALLS SHALL BE FLUSH WHEN CONNECTING.
 2. ALIGN THE I-SLOTS FOR INTERLEAF AND END TO END CONNECTIONS.
 3. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH INTERLEAF AND END TO END CONNECTION.



Presto GeoWeb Details



SILT FENCE

Requirements:

1. Fence post shall be buried 18 inches minimum below the ground surface.
2. Fence post shall be spaced a maximum of 6 feet laterally.
3. The trench depth should be a minimum of 8 inches. The width should be a minimum of 4 inches.
4. A minimum of 12 inches of silt fence should be buried: 8 inches vertically below the ground surface and 4 inches horizontally on the bottom of the trench.
5. Utilize 2" x 2" hardwood posts. Fence post shall have a minimum height above the ground surface of 24 inches.
6. Install parallel to the slope contour.
7. Where practical, locate fence at least 10 feet beyond the total of slope to provide a sediment storage area.
8. Refer to the specifications to geotextile fabric.

Installation:

1. For silt fence being constructed on-site, attach the geotextile fabric to the support post and attach wooden lathe to secure the fabric to the post.
2. Dig an 8 inch deep by 4 inch wide trench along proposed fence line (a trenching machine is needed on long runs).
3. Pound support posts at least 18 inches into the ground. Be sure to stretch fabric taut when pounding stakes. (Note: Stakes must be on the down-slope side of the fence and the fabric on the up-slope side).
4. Drape loose ends of Geo textile in to trench. At least 12 inches of the filter fabric should extend into the fence (8 inches vertically and 4 inches on the bottom of the trench pointing towards the upslope side of the trench).
5. Turn the ends of the silt fence up-slope so that the point of contact between the ground and the bottom of the fence at the end is at a higher elevation at the lowest top of the fence elevation.
6. Backfill and compact soil on both sides.

Maintenance

Inspect the silt fence weekly and after each storm event. If the fence fabric tears, starts to decompose, or in anyway becomes ineffective, immediately replace the affected segment. Sediment should be removed when it reaches half the height of the fence at the lowest point or when it causes the fabric to bulge. Take care to avoid undermining the fence during clean out. After the contributing drainage area has been stabilized, remove the fence and sediment deposits, grade the area, and stabilize.

Reference:

Indiana Department of environmental management. [Indiana Stormwater Quality Manual](#). October 2007.

DRAWING NO.
SHEET 5 OF 6

EAGLE MARSH BERM CREST STABILIZATION
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