

NARRATIVE

Project Description

- The purpose of this project is to construct a fiber optic network within the city of Orono, MN for Midcontinent Communications (Midco). The project entails multiple crossings that fall within the watersheds district. All crossings in the area will be permitted under one permit.
- All the proposed crossings will be horizontally directionally drilled; with the drill being set up a minimum of 100' away from each of the said crossings, unless noted otherwise on overviews.

Planned Erosion and Sedimentation Control Practices

-Our method of installation will not require surface destabilization; only if/when other existing utilities impede our path to installation will destabilization be required. If needed, surface stabilization will be accomplished with existing vegetation, straw mats and straw wattles until regrowth occurs in affected areas. Affected areas will be hand dug holes to locate any potential utilities in conflict with the installation of the proposed utility. Those potential affected areas will not be known until proximity to the installation date.

-For setbacks under 100' due to geographic or existing roadway circumstances, straw wattles will be placed around the drill rig until drilling is complete. Once the drill rig is removed from the location, The first erosion control practice(s) will be utilized for the area within the wattles as stated in the previous paragraph. The wattles originally around the drill will remain until regrowth occurs within the affected area. The specific location for the drill to be setup within 100' will be carefully selected so as to maintain stream or wetland integrity with minimal disturbance to be re-stabilized.

CONSTRUCTION SCHEDULE

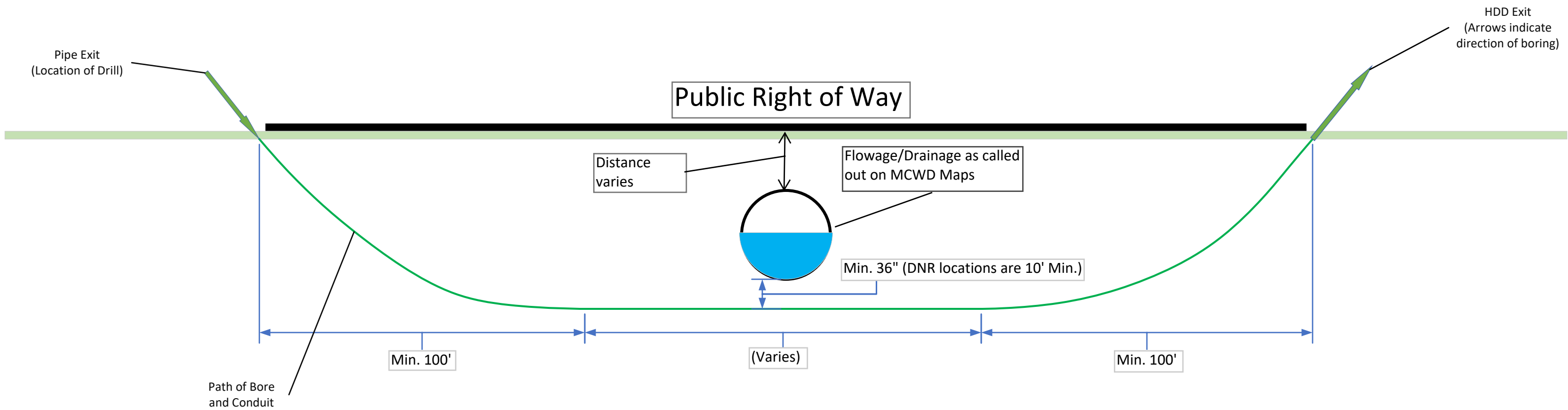
1. Obtain plan approval and other applicable permits.
2. Flag the work area and note setbacks for equipment no closer than 100 feet from waterbody.
3. If a disturbance in the soil is necessary, straw wattles will be placed near the soil collection mounds to impede runoff or erosion to the waterbody. (See also under 100 foot setback erosion plan)
4. Install conduit under waterway/wetland in accordance with this permit.
5. Disturbed areas will be backfilled, compacted to 3" lower than grade; loose fill soil will then be placed to grade with seed to initiate re-stabilization.
6. Install temporary straw mats and wattles over and around any destabilized surface areas that were required for the installation of the conduit.
7. All soil and erosion control methods implemented will be monitored after rainfall events and no longer than weekly. Needed repairs will be made promptly.
8. After site(s) is stabilized, remove all temporary measures.

Reroute Statement

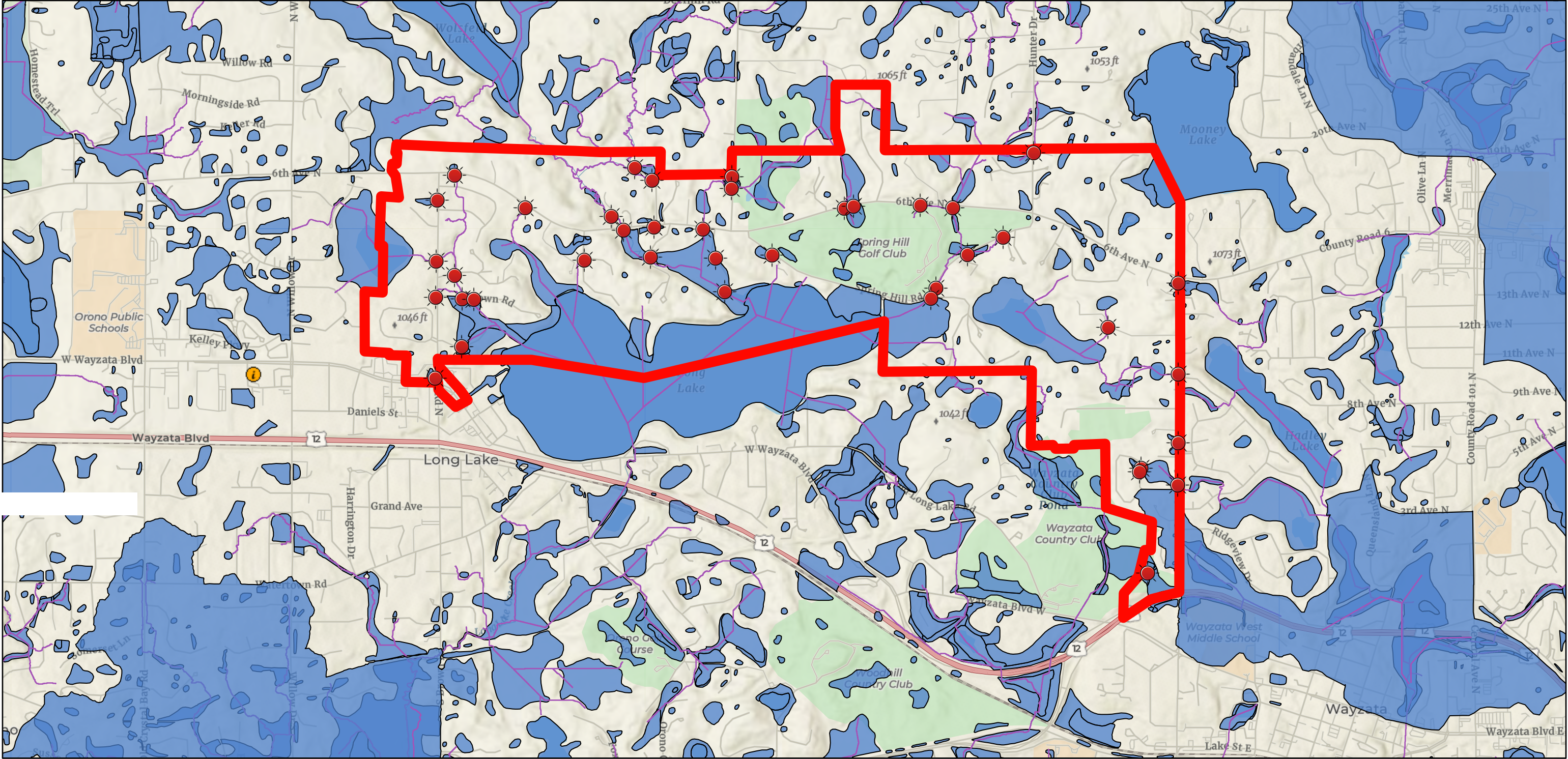
We are servicing fiber optic cable to all parcels within City limits. Reroute(s), while technically possible, would not eliminate substantial amounts of watershed stream locations. Reroute(s) that would lower the overall number affected locations would simultaneously prohibit certain parcels from being able to be serviced with fiber optic cables for our project. We will be horizontally Directionally drilling everything, setting up at a minimum of 100' from the stream or waterbody. Minimal impact will be exercised at all locations.

General Overview

Overviews of each crossing or parallel are included in this permit application. The MCWD Stream Order Map, MS4 Data Set and the Functional Assessment of Wetlands feature layers were overlayed onto our mapping system temporarily for ease of visualization. These overviews will indicate which side of a public road right-of-way we intend to drill. The specific distance from centerline will be determined when locates become valid during construction. Due diligence will be taken when choosing the route to be as minimally invasive as possible. The specific location of the bore path start pit and stop pit will vary but will be **at least 100'** from the wetland or stream, unless noted otherwise on the overviews. The wetlands classified as "NA" or "NW" are omitted from this application, unless they happen to be near classified wetlands in the overview. They will be noted as such. For the "wetlands" that are encompassed by houses and roads, overviews are included in this permit application with a callout indicating distances assumed. A side profile will be included at the beginning of the permit pack. Those specifications indicated will be followed anytime there is a crossing of a stream or wetland, as called out in the MCWD dataset. In the instance a crossing also requires a MNDNR crossing permit, we are mandated to be 10' below culvert and or thalweg.



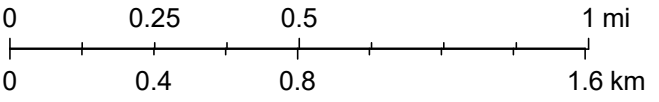
MIDCO 2026 511 BUILD OVERVIEW



8/10/2026, 1:51:47 PM

1:29,678

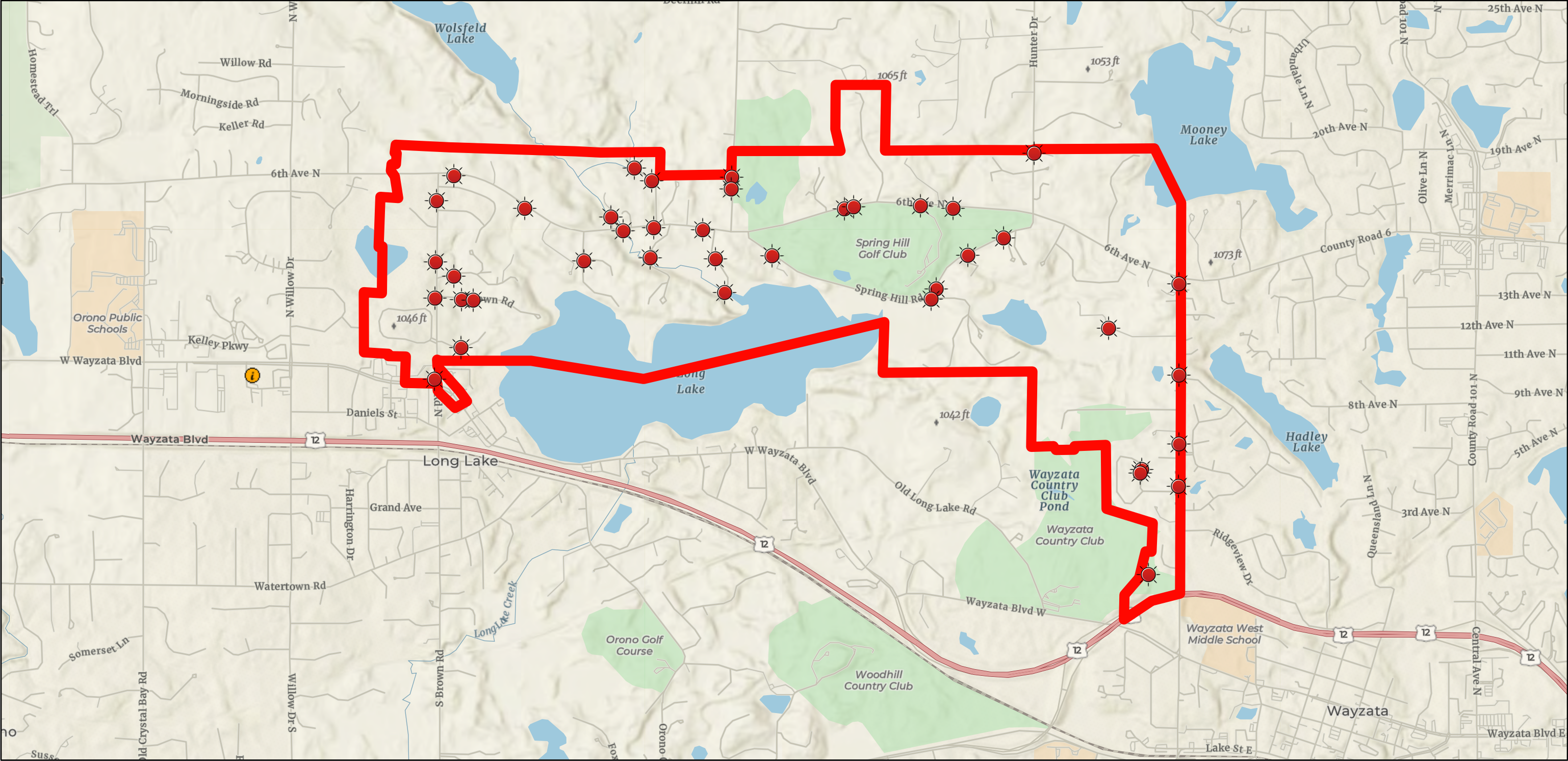
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- MCWD_MS4_gdb - MS4_DRAINAGE_AREA
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- MCWD_FAW_gdb - MCWD_FAW
- MCWD CONFLICT
- PROJECT BORDER



Esri, NASA, NGA, USGS, FEMA, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

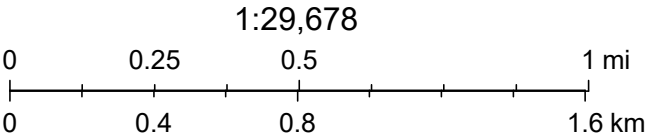
Fiber Address Point

MIDCO 2026 511 BUILD OVERVIEW_NO MCWD LAYERS



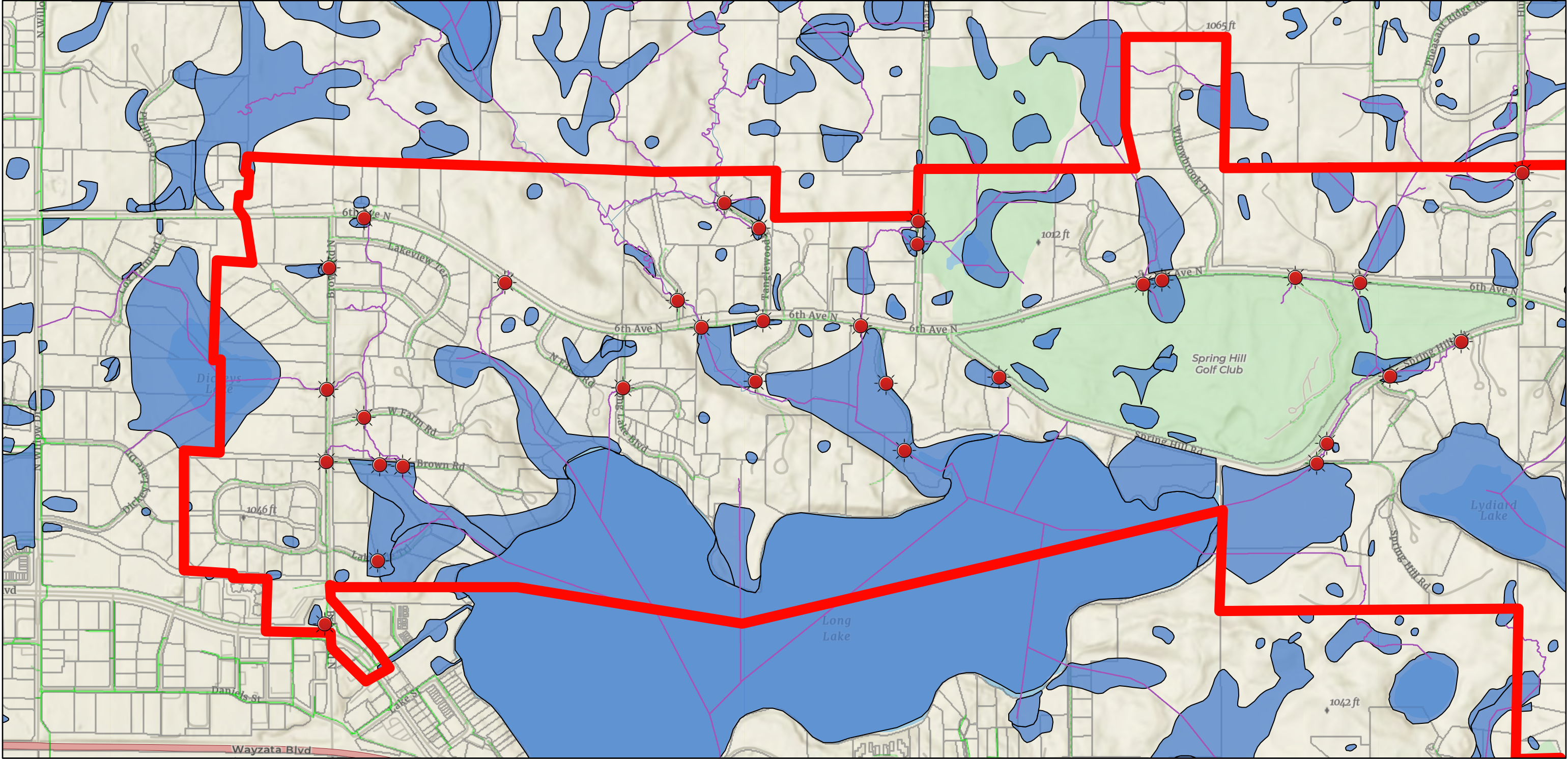
8/10/2026, 1:52:50 PM

- Fiber Address Point
- MCWD CONFLICT
- PROJECT BORDER



Esri, NASA, NGA, USGS, FEMA, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

MIDCO 2026 511 BUILD MAP 1



8/10/2026, 1:46:40 PM

1:14,839

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

MCWD CONFLICT

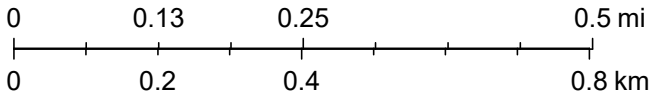
PROJECT BORDER

Trench

<all other values>

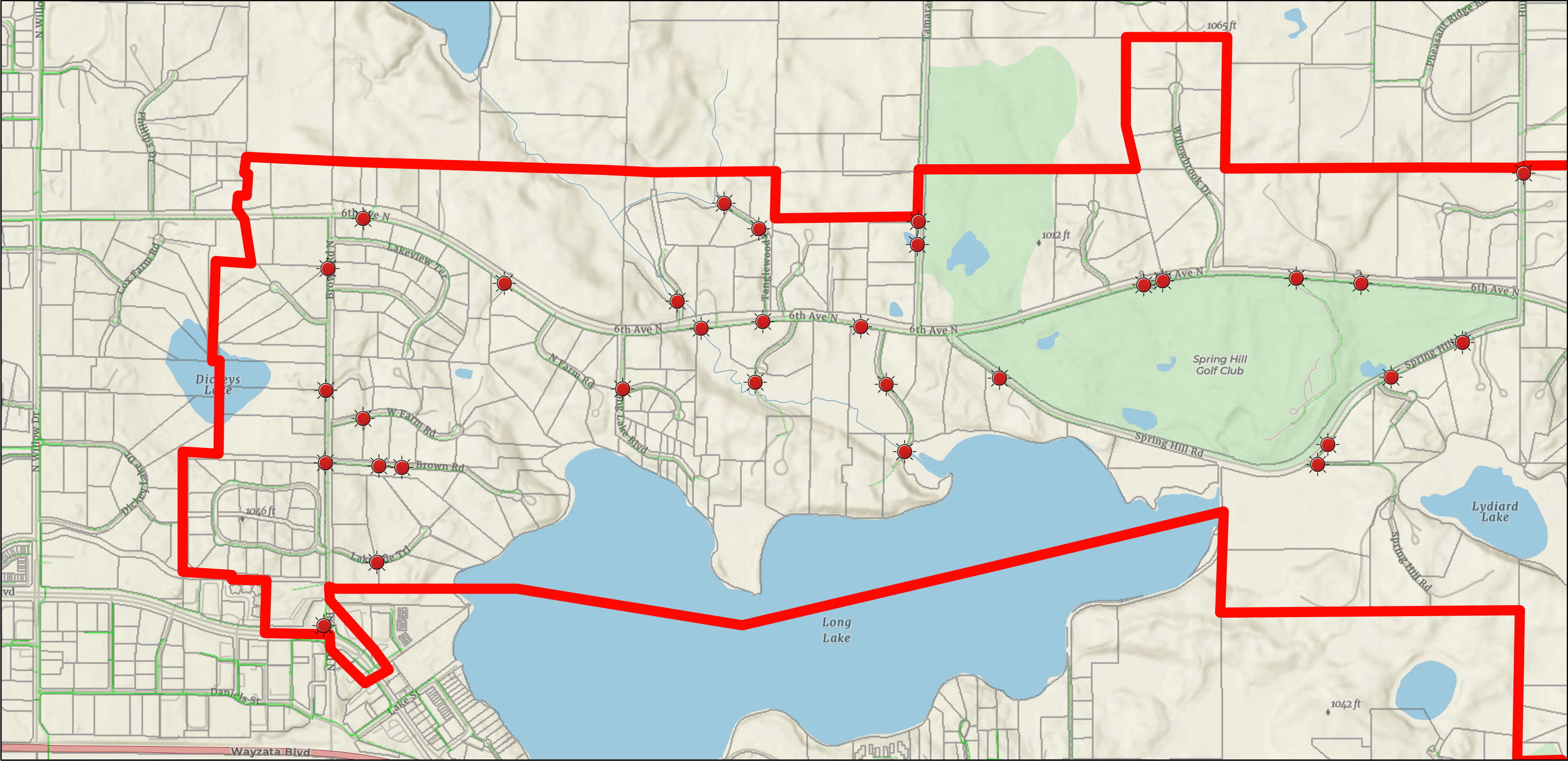
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Yes



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MIDCO 2026 511 BUILD MAP 1_NO MCWD LAYER



8/10/2026, 1:47:42 PM

Fiber Address Point
Trench

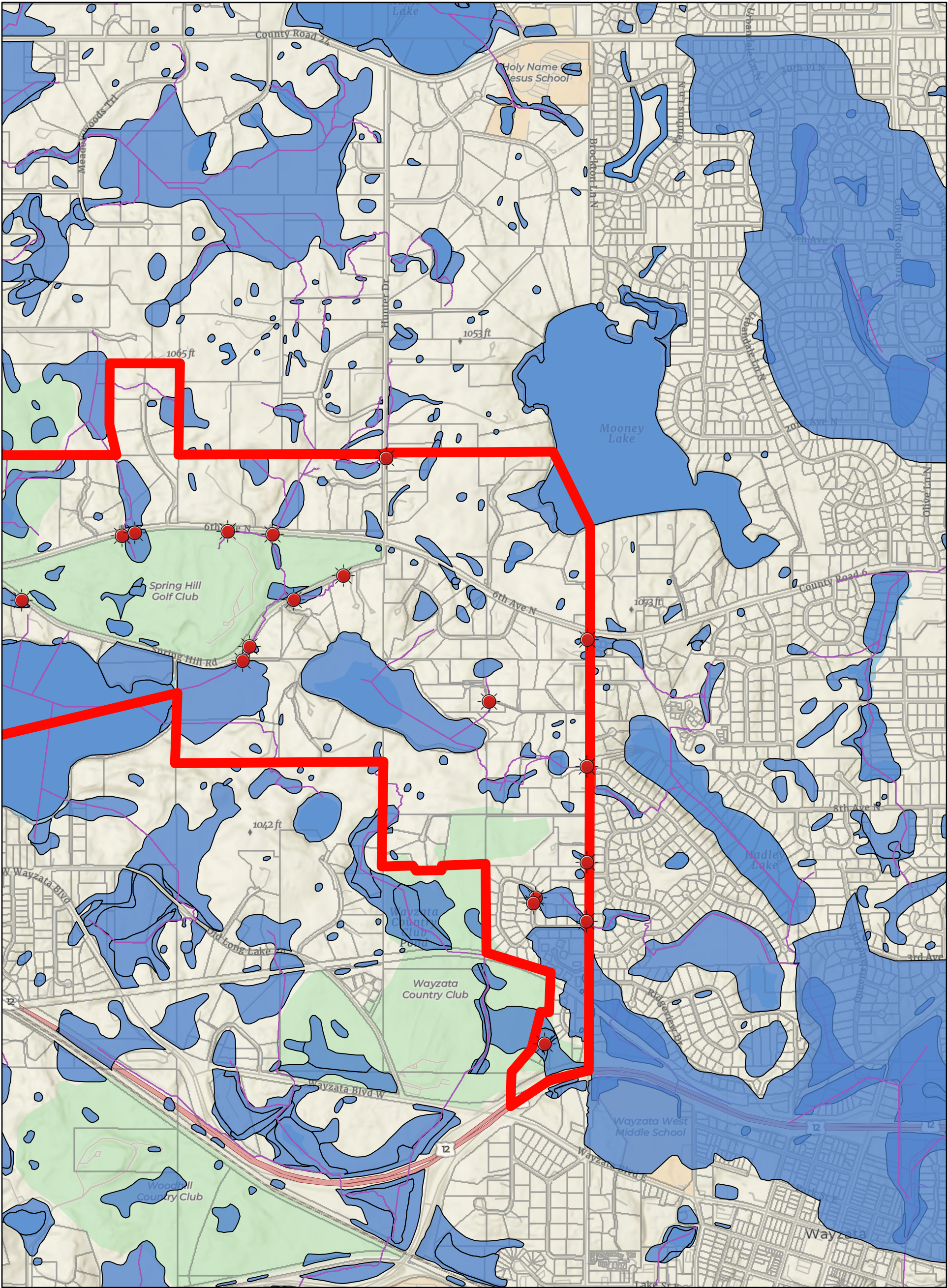
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-- No
-- Yes

MCWD CONFLICT
PROJECT BORDER

1:14,839
0 0.13 0.25 0.5 mi
0 0.2 0.4 0.8 km

Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA

MIDCO 2026 511 BUILD MAP 2



8/10/2026, 1:50:46 PM

- MCWD_MS4_gdb - MS4_DITCH
- MCWD_MS4_gdb - MS4_DRAINAGE_AREA
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- MCWD_FAW_gdb - MCWD_FAW
- Fiber Address Point
- MCWD CONFLICT
- PROJECT BORDER

1:20,586

00.150.30.6 mi

00.250.51 km

Esri, NASA, NGA, USGS, FEMA

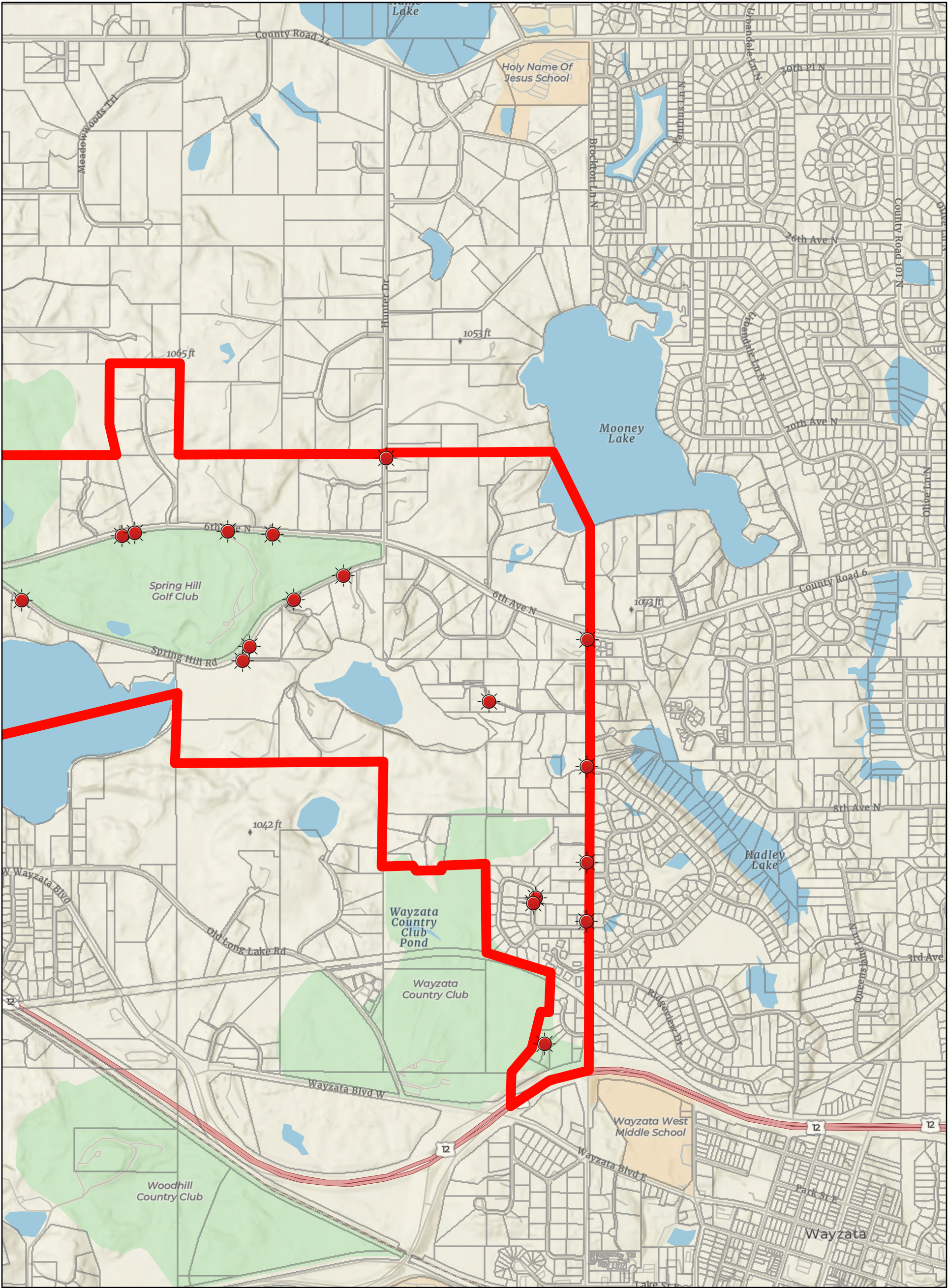
Metropolitan Council, MetroGIS, Three Rivers Park District, MN

Dept Natural Resources, Esri, TomTom, Garmin, SafeGraph,

GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census

Bureau, USDA, USFWS

MIDCO 2026 511 BUILD MAP 2_NO MCWD LAYER



8/10/2026, 1:49:16 PM

Fiber Address Point

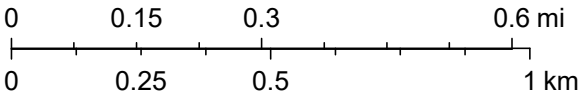


MCWD CONFLICT



PROJECT BORDER

1:20,586



Esri, NASA, NGA, USGS, FEMA
Metropolitan Council, MetroGIS, Three Rivers Park District, MN
Dept Natural Resources, Esri, TomTom, Garmin, SafeGraph,
GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census
Bureau, USDA, USFWS

100 Chevy Chase Drive



8/6/2026, 4:01:01 PM

 MCWD_FAW_gdb - MCWD_FAW

MCWD STREAM ORDER gdb - WETLAND CONFLICT

Fiber Address Point

UndergroundJunction

- BoreHole

- Junction

UndergroundStructure

- <all other values>

V Tap Vault

■ PED

 Apt Box

V Vault

Trench

- ... <all other values>

☐ ☐ ☐ No

☒ Yes

WETLAND CONFLICT

1:1,855

0 0.01 0.03 0.06 mi

0 0.03 0.05 0.1 km

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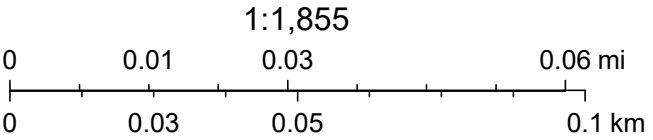
425 Ferndale North



8/6/2026, 3:58:01 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
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| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |

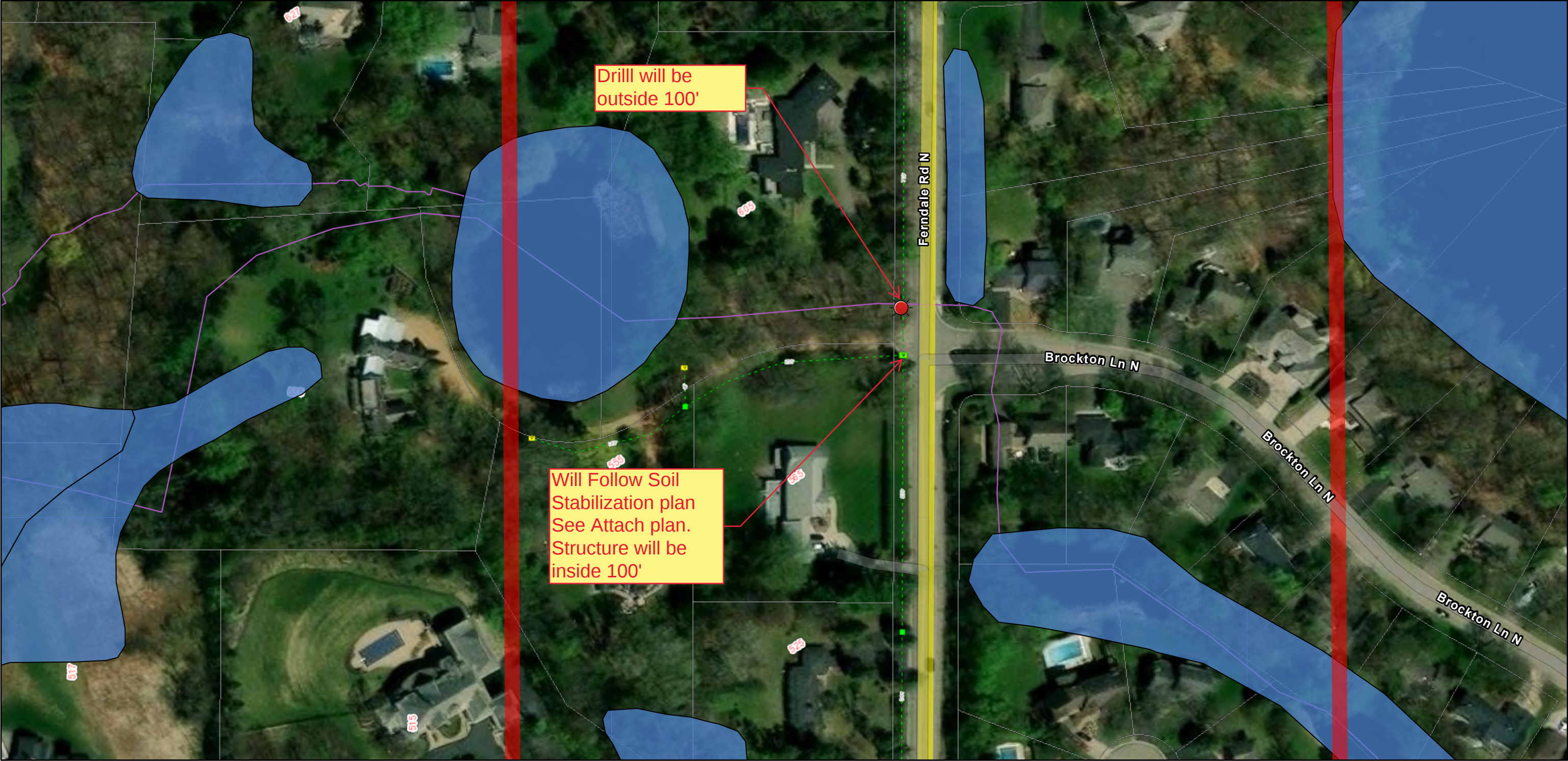


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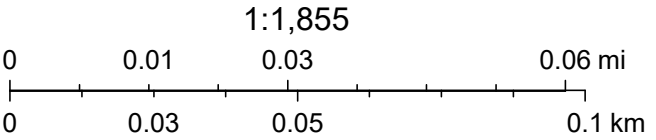
605 Ferndale North



8/6/2026, 3:56:27 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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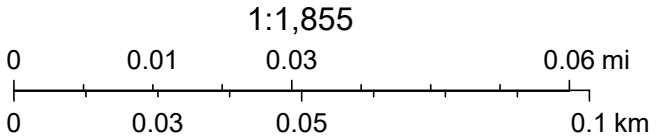
809 Brown Road North



8/6/2026, 3:39:13 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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809 Brown Road North
West side of Road View at Street
Crossing.

Share



Google Maps



+

-

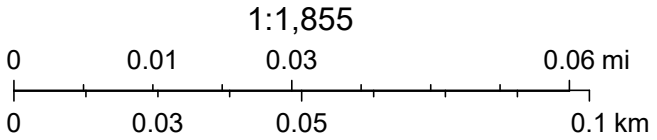
865 Ferndale North



8/6/2026, 3:55:24 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



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915 Brown Road North



8/6/2026, 3:39:58 PM

MCWD_FAW_gdb - MCWD_FAW

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

Fiber Address Point

UndergroundJunction

BoreHole

Junction

UndergroundStructure

<all other values>

Tap Vault

PED

Apt Box

Vault

Trench

<all other values>

No

Yes

WETLAND CONFLICT

1:1,855

0 0.01 0.03 0.06 mi
0 0.03 0.05 0.1 km

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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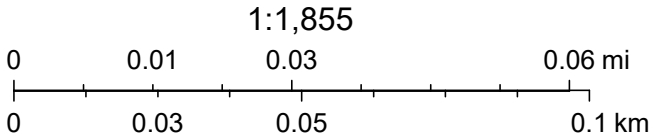
960 Long Bridge Lane



8/6/2026, 3:46:29 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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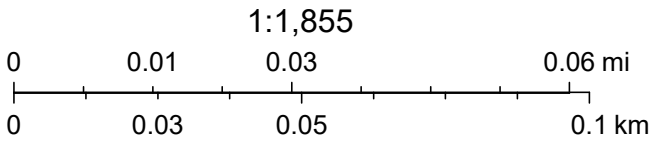
1140 Wyndmere Road



8/6/2026, 3:48:45 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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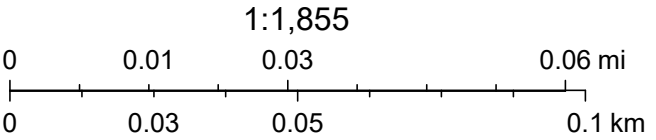
1300 County Road 6



8/6/2026, 3:47:18 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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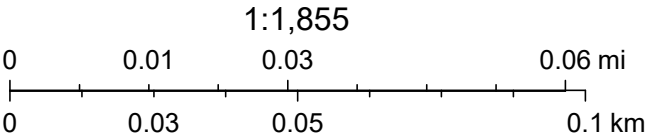
1525 County Road 6



8/6/2026, 3:45:33 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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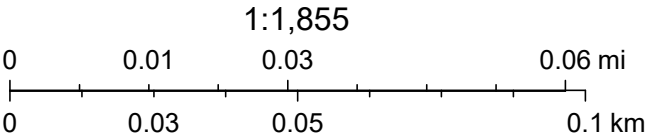
1805 County Road 6



8/6/2026, 3:44:30 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



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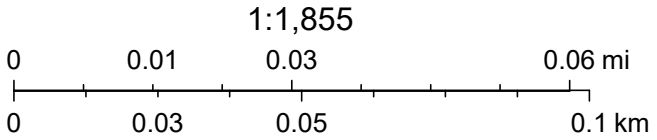
1960 Lake View Terrace



8/6/2026, 3:43:09 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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2040 Brown Road North



8/6/2026, 3:37:25 PM

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

UndergroundJunction

BoreHole

Junction

UndergroundStructure

<all other values>

Tap Vault

PED

Apt Box

Vault

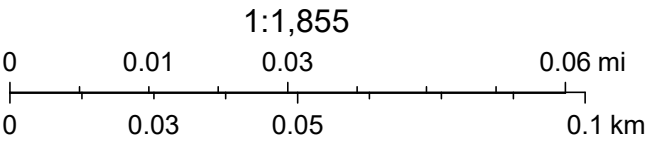
WETLAND CONFLICT

Trench

<all other values>

No

Yes



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

Web AppBuilder for ArcGIS

2040 Brown Road North
Street View



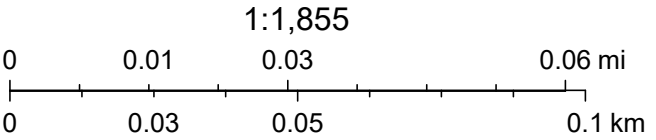
2080 Salem Court



8/6/2026, 3:42:05 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |



Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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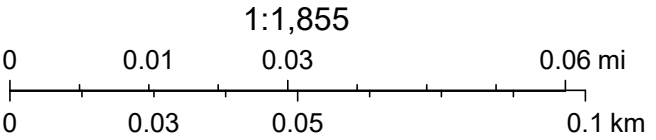
Spring Hill Golf Course County Road 6



8/6/2026, 3:51:09 PM

- MCWD_FAW_gdb - MCWD_FAW
- MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER
- Fiber Address Point
- UndergroundJunction
 - BoreHole
 - Junction

- | UndergroundStructure | Trench |
|----------------------|--------------------|
| <all other values> | <all other values> |
| Tap Vault | No |
| PED | Yes |
| Apt Box | WETLAND CONFLICT |
| Vault | |

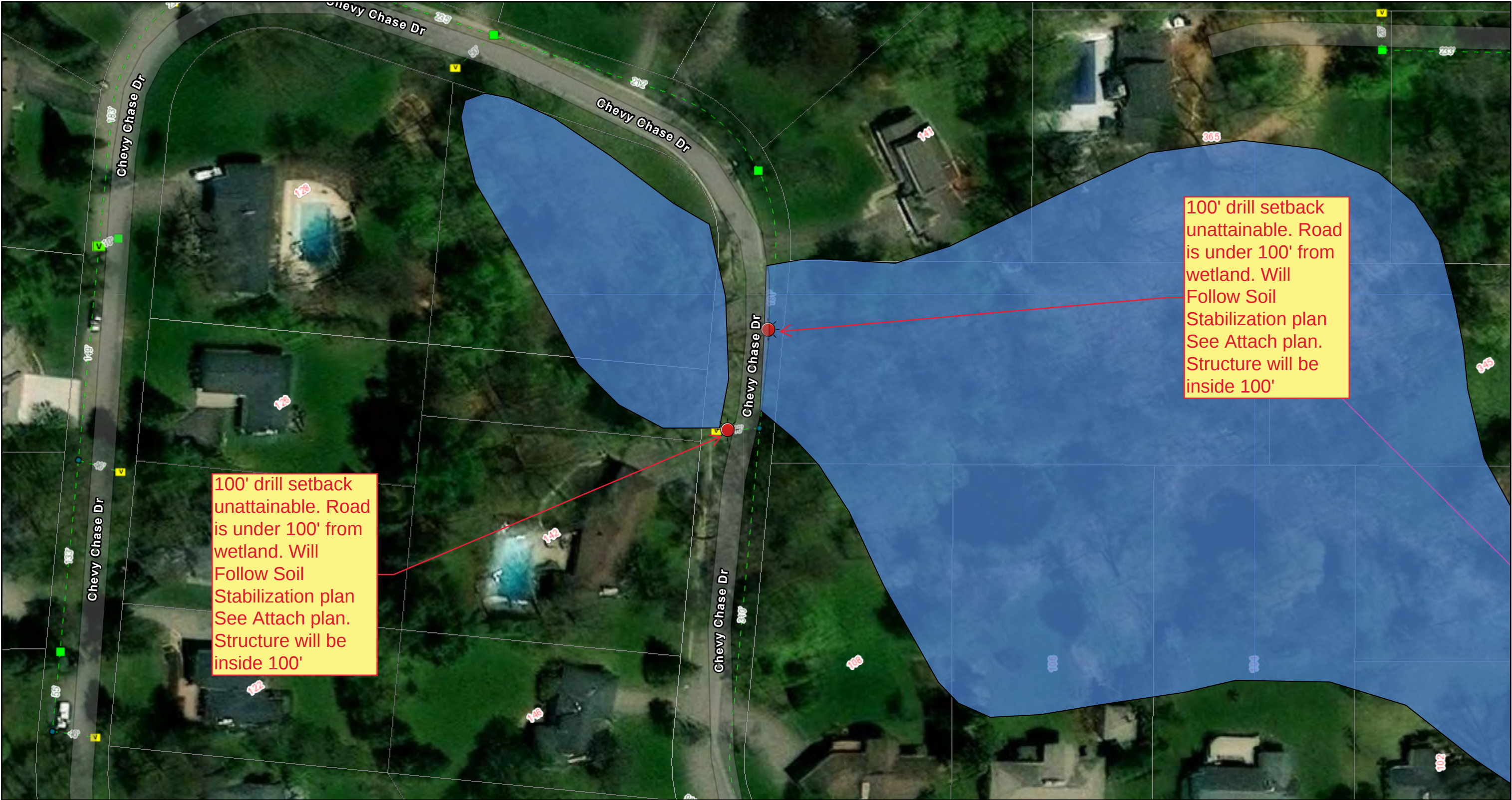


Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, MN Dept Natural Resources, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

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142 Chevy Chase Drive



8/10/2026, 12:41:06 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

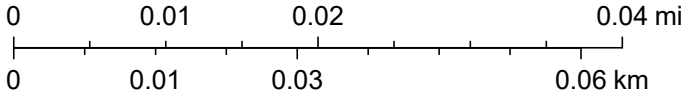
<all other values>

Tap Vault

PED

Apt Box

Vault



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Web AppBuilder for ArcGIS

725 Ferndale Road North



8/10/2026, 12:44:29 PM

1:564

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

UndergroundStructure

<all other values>

V

Tap Vault

■

PED

■

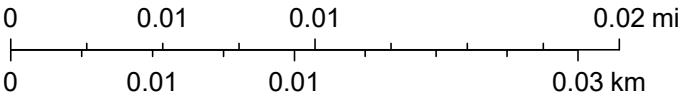
Apt Box

V

Vault

●

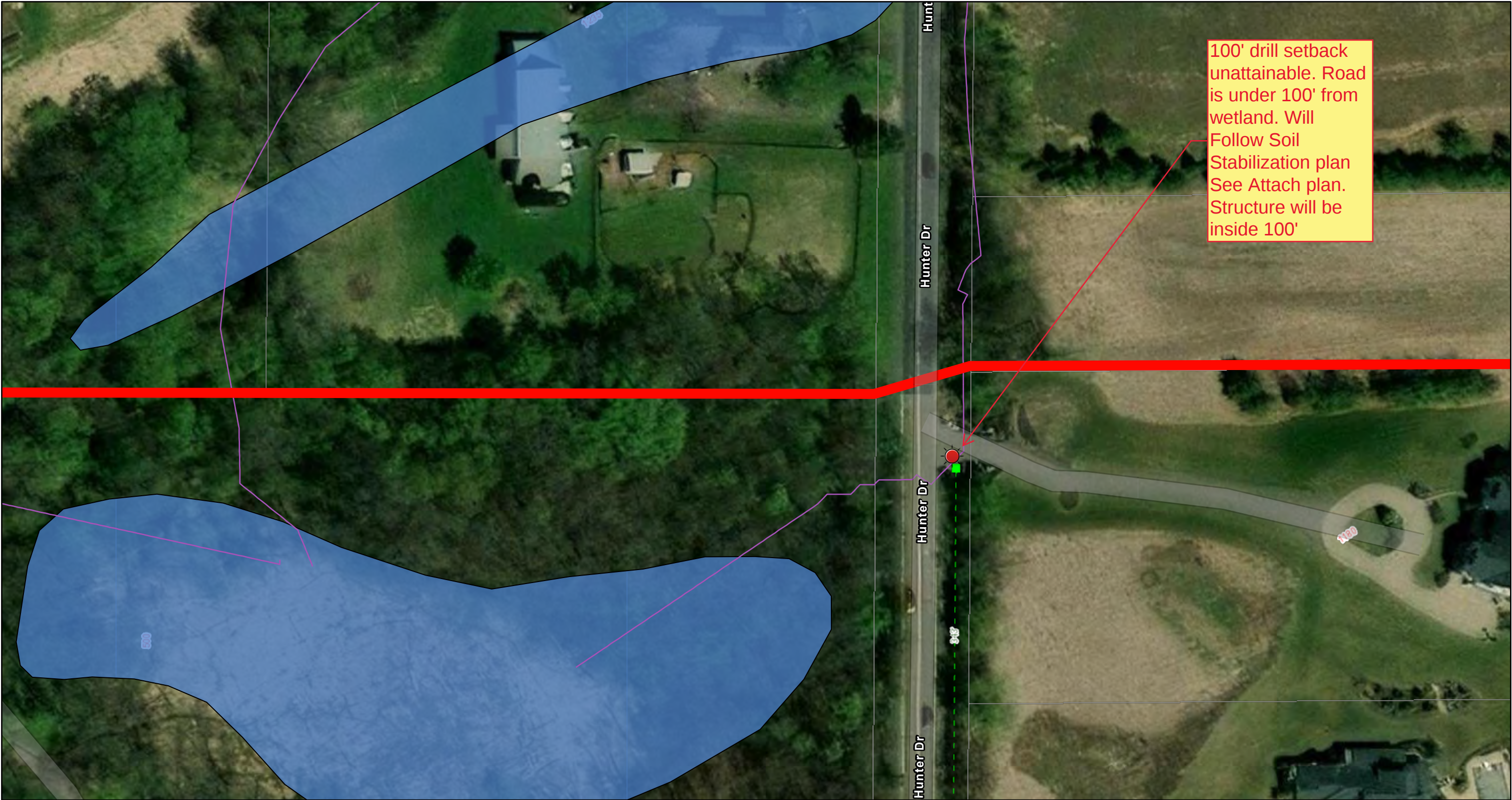
MCWD CONFLICT



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Web AppBuilder for ArcGIS

1180 Hunter DRive



8/10/2026, 12:47:16 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

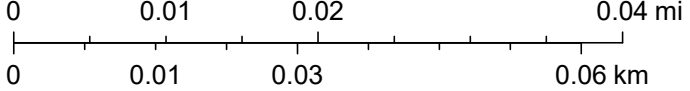
<all other values>

Tap Vault

PED

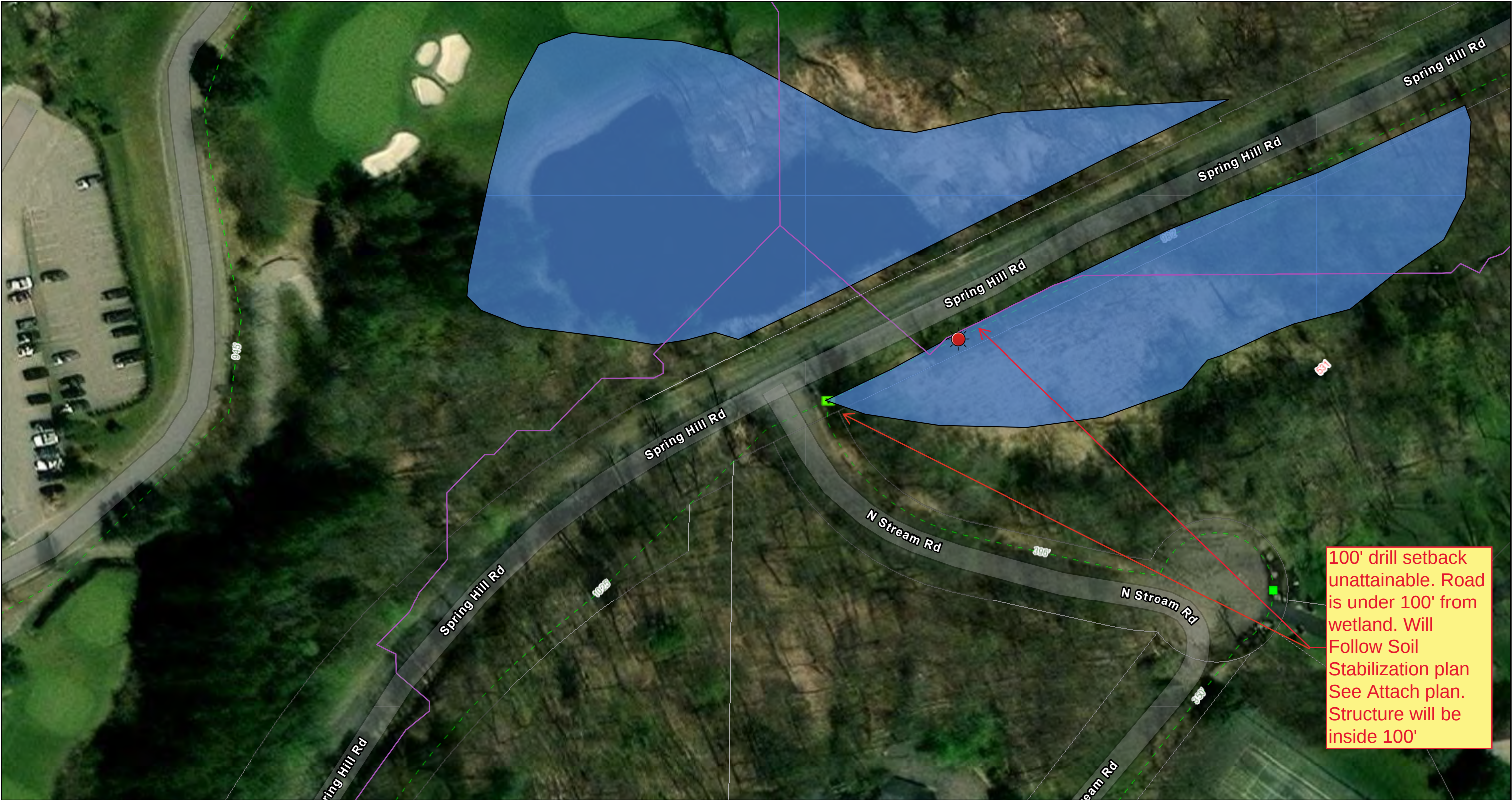
Apt Box

Vault



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531 Stream Road North



8/10/2026, 12:49:08 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

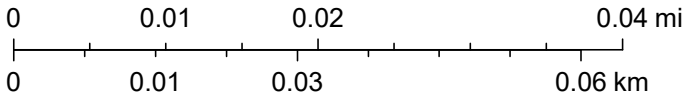
<all other values>

Tap Vault

PED

Apt Box

Vault



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Web AppBuilder for ArcGIS

625 Spring Hill Road



8/10/2026, 12:51:30 PM

1:564

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

UndergroundStructure

<all other values>

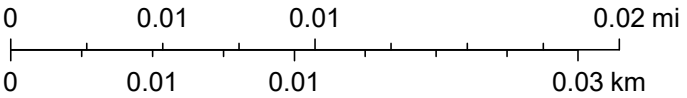
MCWD CONFLICT

Tap Vault

PED

Apt Box

Vault



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Web AppBuilder for ArcGIS

1125 Spring Hill Road



8/10/2026, 12:54:00 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

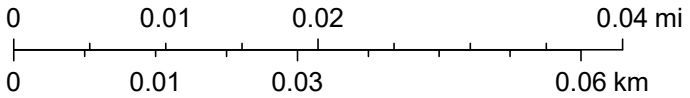
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Tap Vault

PED

Apt Box

Vault



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Web AppBuilder for ArcGIS

1111 Tamarack Drive



8/10/2026, 12:56:22 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

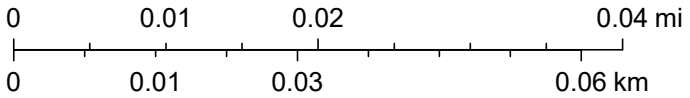
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Tap Vault

PED

Apt Box

Vault



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1505 Tanglewood Road



8/10/2026, 12:58:16 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

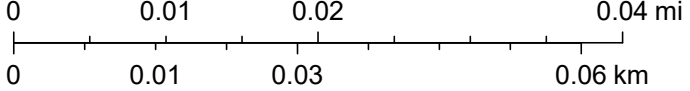
<all other values>

Tap Vault

PED

Apt Box

Vault



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835 Long Bridge Drive



8/10/2026, 1:00:33 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

<all other values>

Tap Vault

PED

Apt Box

Vault

00.000.010.020.040

00.010.030.06 km

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1580 County Road 6



8/10/2026, 1:02:32 PM

1:564

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

UndergroundStructure

<all other values>

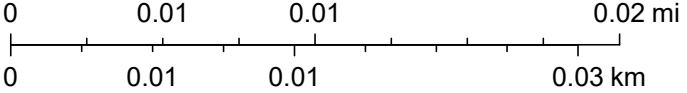
Tap Vault

PED

Apt Box

Vault

MCWD CONFLICT



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940 Dakota Ave



8/10/2026, 1:04:58 PM

1:564

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

UndergroundStructure

<all other values>

MCWD CONFLICT

V

Tap Vault

■

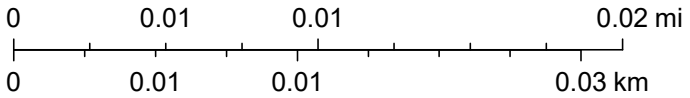
PED

■

Apt Box

V

Vault



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Web AppBuilder for ArcGIS

1995 West Farm Road



8/10/2026, 1:07:10 PM

1:564

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

UndergroundStructure

<all other values>

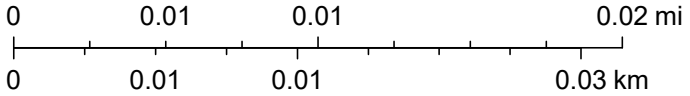
MCWD CONFLICT

Tap Vault

PED

Apt Box

Vault



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1925 Lakeside Trial



8/10/2026, 1:10:58 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

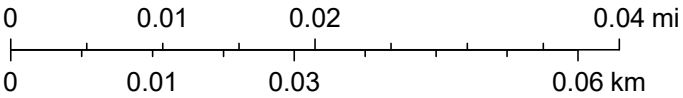
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Tap Vault

PED

Apt Box

Vault



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Web AppBuilder for ArcGIS

744 N Brown Road



8/10/2026, 1:15:41 PM

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

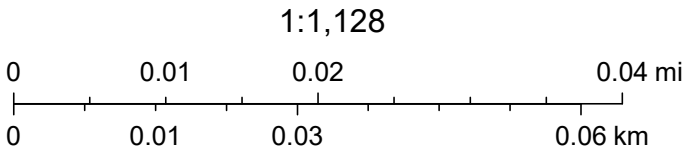
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Tap Vault

PED

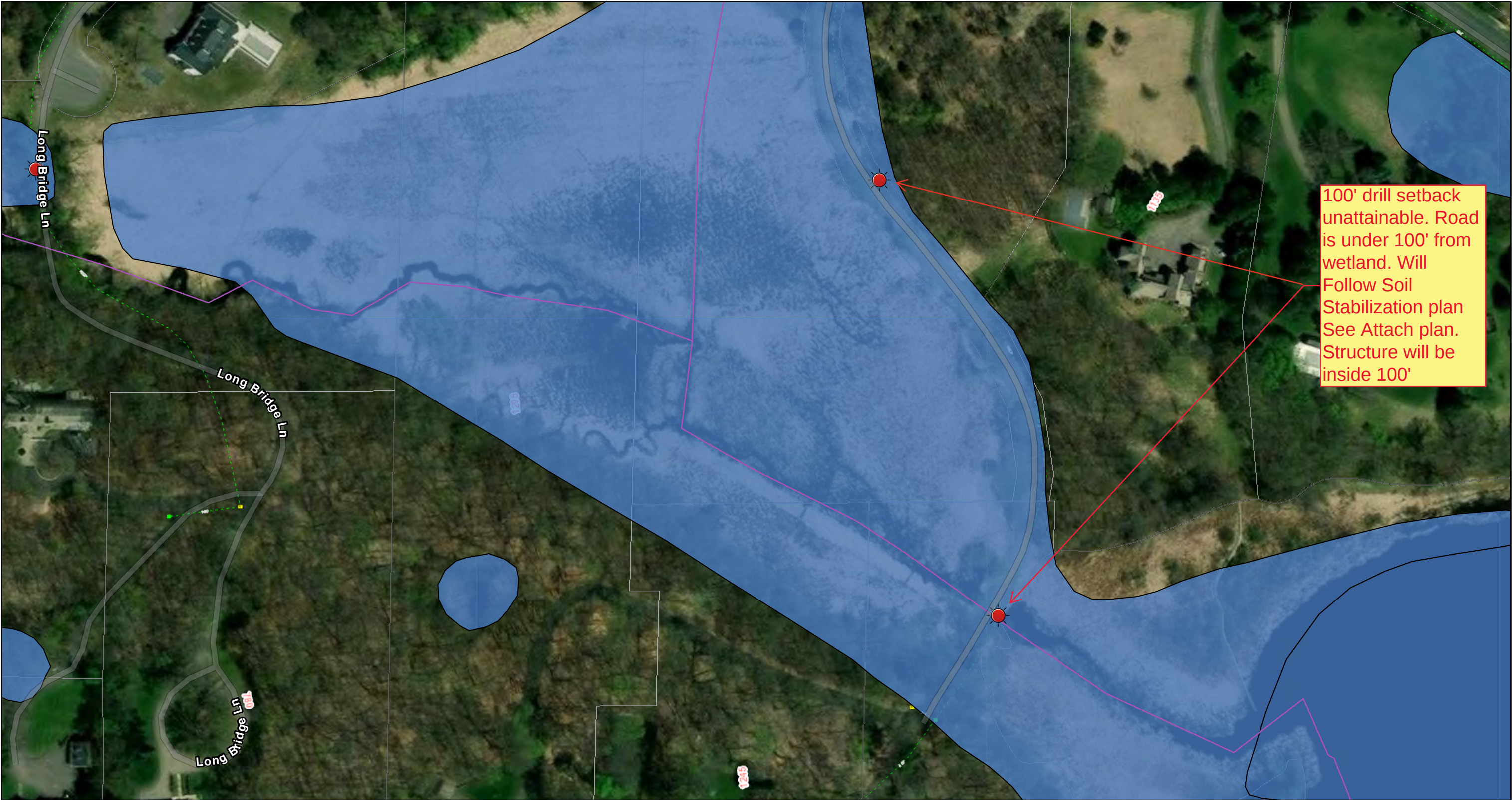
Apt Box

Vault



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1245 Couty Road 6



8/10/2026, 1:19:02 PM

1:2,257

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

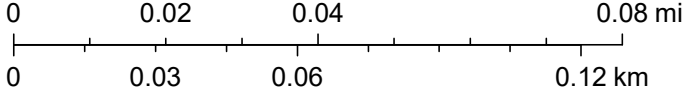
<all other values>

Tap Vault

PED

Apt Box

Vault



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Web AppBuilder for ArcGIS

65 Ferndale Green



8/10/2026, 1:21:39 PM

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

<all other values>

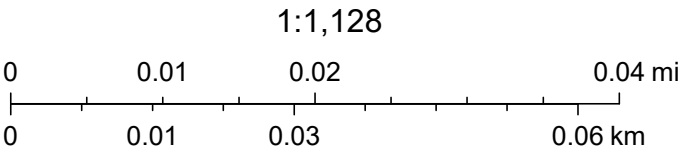
MCWD CONFLICT

Tap Vault

PED

Apt Box

Vault



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465 Spring Hill Road



8/10/2026, 1:25:06 PM

1:1,128

MCWD_STREAM_ORDER_gdb - MCWD_STREAM_ORDER

MCWD_FAW_gdb - MCWD_FAW

Fiber Address Point

Address Point

UndergroundJunction

BoreHole

Junction

Trench

<all other values>

No

Yes

MCWD CONFLICT

UndergroundStructure

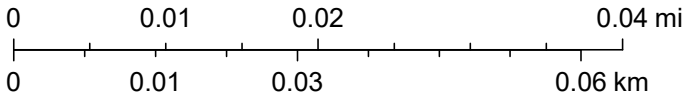
<all other values>

Tap Vault

PED

Apt Box

Vault



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