



April 14, 2020

Sarah Noha
Mi-Tech Services Inc.
1345 North Road, Suite B
Green Bay, WI 54313

Re: Everstream Fiber Communication Cable

Dear Sarah:

MSA Professional Services, Inc. reviewed the documents received on March 16, 2020 for the Everstream Fiber Communication Cable to be placed within the right-of-way in the Village of Cottage Grove. It is understood the intent is to place the cable along the right-of-way throughout the Village limits along CTH N and along CTH BB from CTH N to the easterly Village limits. MSA has the following comments on the plans.

General Comments:

1. The fiber line will be installed with a minimum of 4 feet of horizontal separation or greater from Village Utilities.
2. The fiber optic line structures such as pull and test boxes will not be installed in Village pavements such as roadways, sidewalks and bike paths. Damages to these surfaces during or due to construction will require Village Engineer or Director of Public Works to mark the limits of replacement by the fiber optic company.
3. All structures will be flush with the ground.
4. Contractor shall use slurry backfill at hand holes or utility vaults when within 1:1 depth to distance from bike path or other hard surface improvements.
5. Comments regarding alignment is to prevent future costs to the fiber optic cable owner and delays to the Village for relocations related to planned projects.
6. Numerous water and sanitary utilities and services exist and are not shown. Contractor is responsible to maintain all services and repair anything disturbed during construction.

Plan Sheets CTH N North of CTH BB:

1. Sheets 2-4. A sanitary sewer line runs on the east side of CTH N between CTH BB and Oak Street. Verify horizontal separation of fiber optic.
2. Sheet 4. Parkview Street should be Oak Street. Verify depths of crossing of sewer and watermain on East Oak Street. Verify sewer lateral crossing and watermain crossing along the easterly right-of-way of CTH N north of Oak Street for first two lots.
3. Sheets 4-7. A new 10' wide bike path exists on the east side of CTH N from just north of Oak Street to Northlawn Drive and should be verified for vaults and equipment to remain outside of the path.
4. Sheet 5. Fiber line will cross the sanitary and watermain line on Parkview. Verify depths.

1702 Pankratz Street
Madison, WI 53704

P (608) 242-7779
TF (800) 446-0679
F (608) 242-5664

www.msa-ps.com

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5. Sheets 7-8. The Village is planning to extend the multi-use path on the east side of CTH N. The current plans show the path being widened in general towards CTH N from the existing sidewalk to avoid existing fiber optic utilities. Location of new fiber optic should anticipate this work and locate facilities accordingly. See attached proposed plans that are not final and could be subject to change.
6. Sheet 7. Verify crossing of watermain at Northlawn Drive. Verify depths of boring.
7. Sheet 8. Verify crossing of watermain between Northlawn Drive and School Road. Verify depths of boring.
8. Sheet 8. There is potentially up to three (3) crossings of the sanitary sewer and a watermain crossing near the intersection of CTH N and School Road. Verify depths of boring.
9. Sheet 9. Verify crossing of watermain of CTH N near the North side of Sheet 9. Verify depth of install and plowing.
10. Sheet 11. There is a sanitary main and watermain that will be crossed along Gaston Road. Verify depth of the boring.
11. Sheets 11-14. Verify location of sanitary interceptor on West side of CTH N and horizontal clearance.
12. Sheet 13. Verify watermain location and crossing of watermain service from water tower. Verify depth of install and plowing.
13. Sheet 14. Sanitary crossing north of roundabout for entrance ramps on north side of I94. Verify depth of fiber optic.
14. Sheet 15. Verify crossing of watermain along CTH TT. Verify depth of boring.
15. Sheets 16-20. The Village is working with developers on the north side of CTH T. Anticipate water and sewer extensions in this area and possible roadway widening and improvements. May be in best interest to move closer to the right-of-way to avoid potential conflicts with future development.

Plan Sheets CTH N South of CTH BB:

1. Sheets 2-4. Verify location of sanitary sewer for horizontal clearance. Sanitary appears to run along ditch on east side of CTH N.
2. Sheet 5. Verify crossing of watermain at East Reynolds Street and sanitary sewer north of East Reynolds Street. Verify depth of boring.
3. Sheet 6. Verify crossing of watermain at East Reynolds Street. Verify depth of boring.
4. Sheet 7. Verify location and depth of forcemain crossing south of the railroad tracks. Verify sanitary crossing on north side of railroad tracks south side of 114 S. Main Street building.
5. Sheet 7. Notes for a vault and duct with fiber optic cable inside that is located near CTH N and the fiber optic line is shown close to the right-of-way. Verify which is correct or if they both are.
6. Sheets 7-8. Verify location of sanitary for horizontal clearance. Sanitary appears to run within the easterly right-of-way of CTH N.
7. Sheet 10. Verify crossing of watermain at Taylor Street. Verify depth of boring.
8. Sheet 11. Verify crossing of sanitary main to school. Located near the north side of the school building.
9. Sheet 11. Verify crossing of watermain near the middle of the school parking lot. Verify depth of boring.

Page 3

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April 14, 2020

Plan Sheets CTH BB (from CTH N to East):

1. Sheets 4-6. Verify watermain location for horizontal clearance.
2. Sheet 5. Verify watermain crossing in front of 251 Cottage Grove Road. Verify depth of fiber optic and plowing.

This is just an initial review based on the provided plans and GIS utility information and items should be verified in the field as the responsibility of the fiber optic Owner. Please contact us if you have questions.

Sincerely,

MSA Professional Services, Inc.

Kevin Lord, PE, PLS
Village Engineer