



CITY OF URBANA, ILLINOIS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

MEMORANDUM

TO: Mayor Laurel L. Prussing and Members of the City Council
FROM: William R. Gray, Public Works Director
Bradley M. Bennett, Assistant City Engineer
DATE: July 24, 2014
RE: Gargoyle Technologies, Inc., Agreement for Use of Right-of-Way

Action Requested

Approval of the attached ordinance entitled “AN ORDINANCE APPROVING A SECOND AMENDMENT TO AN AGREEMENT FOR USE OF RIGHT-OF-WAY WITH GARGOYLE TECHNOLOGIES, INC., D/B/A VOLO BROADBAND.”

Background and Facts

On May 8, 2014, the City Council approved and the Mayor executed a license agreement with Gargoyle Technologies (Volo Broadband) of Champaign, Illinois, to authorize the installation of fiber optic cables below ground in conduits within the rights-of-way of the City. The proposed routing of the fiber optic cable was depicted in Exhibits A, B, C, D, E, F, G and H to the license agreement.

Gargoyle Technologies (Volo Broadband) has decided to expand its fiber optic infrastructure build-out to outside the limits defined in the exhibits to the license agreement. The additional infrastructure installations require changes to Exhibits A, F and H. Additionally, Exhibits I, J, and K were added to the agreement to reflect the new areas where Gargoyle Technologies (Volo Broadband) plans to expand their fiber optic infrastructure. It is necessary to amend the agreement by substituting the original Exhibits A, F and H (dated April 21, 2014) with the revised Exhibits A, F and H (dated July 21, 2014) and by adding Exhibits I, J, and K (dated July 21, 2014), all of which are attached to the license agreement. The proposed amendment is included for your reference.

Financial Impact

The proposed installation will be at no cost to the City. Gargoyle Technologies, Inc. (Volo Broadband) is not subject to the City’s utility maintenance fee for right-of-way occupation because it is a retailer of telecommunications services as defined under the Illinois Simplified Telecommunications Tax Act.

Recommendations

It is recommended that the City Council approve the attached ordinance entitled, “AN ORDINANCE APPROVING A SECOND AMENDMENT TO AN AGREEMENT FOR USE OF RIGHT-OF-WAY WITH GARGOYLE TECHNOLOGIES, INC., D/B/A VOLO BROADBAND.”

Attachments: AN ORDINANCE APPROVING A SECOND AMENDMENT TO AN AGREEMENT FOR USE OF RIGHT-OF-WAY WITH GARGOYLE TECHNOLOGIES, INC., D/B/A VOLO BROADBAND
SECOND AMENDMENT TO AGREEMENT FOR USE OF RIGHT-OF-WAY (Gargoyle Technologies, Inc. d/b/a Volo Broadband)

ORDINANCE NO. 2014-07-069

AN ORDINANCE APPROVING A SECOND AMENDMENT TO AN AGREEMENT FOR USE OF
RIGHT-OF-WAY WITH GARGOYLE TECHNOLOGIES, INC., D/B/A VOLO BROADBAND

Willow Street between Willow Court and Country Club Road
Country Club Road between Willow Street and Cunningham Avenue
Springfield Avenue between Harvey Street and Busey Avenue
Lincoln Avenue between Springfield Avenue and Western Avenue
Gregory Street between Stoughton Street and Springfield Avenue
Right-of-way west of 707 Cunningham between Barr Avenue and Stebbins Drive
Barr Avenue between right-of-way west of 707 Cunningham Avenue and Cunningham Avenue
Broadway Avenue between Franklin Street and Stebbins Drive
Philo Road between Silver Street and Mumford Drive
Silver Street between Fletcher Street and Philo Road
Fletcher Street between Silver Street and Mumford Drive
Vawter Street between Harding Drive and Silver Street
Mitchem Drive between Bruce Drive and Vawter Street
Brighton Drive between Bruce Drive and Vawter Street
Harding Drive between Cottage Grove Avenue and Philo Road

WHEREAS, the parties hereto did on the 8th day of May 2014, pursuant to Ordinance No. 2014-04-043, enter into an agreement to allow Gargoyle Technologies, Inc., d/b/a Volo Broadband ("Volo") to install fiber optic cables above and below ground within the certain rights-of-way of the City of Urbana ("City"); and

WHEREAS, Volo and the City have determined that the best interests of both entities are served by making and entering into a second amendment to said agreement to authorize Volo to install additional fiber optic cables above and below ground as provided therein.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Urbana, Champaign County, Illinois, as follows:

Section 1.

The amendment to the prior agreement, as reflected in the attached agreement entitled "Second Amendment to Agreement for Use of Right-Of-Way, Gargoyle Technologies, Inc., d/b/a Volo Broadband," is hereby authorized and approved.

Section 2.

The Mayor of the City of Urbana, Illinois, be and the same is hereby authorized to execute and deliver and the City Clerk of the City of Urbana, Illinois, be and the same is hereby authorized to attest to said execution of said amendment as so authorized and approved for and on behalf of the City of Urbana, Illinois.

PASSED BY THE CITY COUNCIL this ____ day of _____, _____.

AYES:

NAYS:

ABSENT:

ABSTAINED:

Phyllis D. Clark, City Clerk

APPROVED BY THE MAYOR this ____ day of _____, _____.

Laurel Lunt Prussing, Mayor

After recording return to:

City of Urbana Legal Division
400 S. Vine Street
Urbana, IL 61801

SECOND AMENDMENT TO AGREEMENT FOR USE OF RIGHT-OF-WAY

Gargoyle Technologies, Inc., d/b/a Volo Broadband

The Agreement for Use of Right-Of-Way made between the City of Urbana, Illinois ("City"), and Gargoyle Technologies, Inc., d/b/a Volo Broadband ("Company"), authorized by Ordinance No. 2014-04-043 and entered into on May 8, 2014, is hereby amended as follows:

1. Paragraph 1, "Right-of way," is amended and as amended shall read as set forth below.

1. **Right-of-way.** The following are roadways ("right-of-way") of at least sixty feet of dedicated right-of-way: East Amber Lane, South Anderson Street, East Barr Avenue, East Brighton Drive, North and South Broadway Avenue, South Boulder Drive, East Country Club Road, North Cunningham Avenue, West Delaware Avenue, South Fletcher Street, East and West Florida Avenue, Florida Court, Florida Drive, G H Baker Drive, Golfview Drive, North Gregory Street, South Grove Street, North Hagan Boulevard, East Harding Drive, South Hillcrest Street, East Hollywood Drive, North and East Kenyon Road, North Lincoln Avenue, East Main Street, South Maple Street, East and West Michigan Avenue, East Mitchem Drive, East Mumford Drive, South Myra Ridge Drive, East and West Pennsylvania Avenue, South Philo Road, South Pleasant Street, North and South Race Street, East Silver Street, West Springfield Avenue, East Stebbins Drive, East Trails Drive, South Vawter Street, West Vermont Avenue, North and South Vine Street, East Water Street, North Willow Court, North Willow Road, and East Windsor Road.

2. Paragraph 2, "Grant of license," is amended and as amended shall read as set forth below.

2. **Grant of license.** The City hereby grants the Company a limited license to construct a Facility ("Facility") within said right-of-way, as described in Exhibit A and as shown in Exhibits B through K, inclusive, all of which exhibits are attached hereto and are made a part hereof.

3. Exhibit A, dated July 1, 2014, is replaced with a revised Exhibit A, dated July 21, 2014, attached to and made a part of this Second Amendment.

4. Exhibit F is replaced with a revised Exhibit F, dated July 21, 2014, attached to and made a part of this Second Amendment.

5. Exhibit H is replaced with a revised Exhibit H, dated July 21, 2014, attached to and

Second Amendment to Agreement for Use of Right-of-Way

made a part of this Second Amendment.

6. Exhibit I, dated July 21, 2014, is attached to and made a part of this Second Amendment.

7. Exhibit J, dated July 21, 2014, is attached to and made a part of this Second Amendment.

8. Exhibit K, dated July 21, 2014, is attached to and made a part of this Second Amendment.

All other terms and conditions of the Agreement remain in full force and effect.

This Second Amendment shall take effect upon execution by the City and Company.

This Second Amendment will be recorded in the Office of the Champaign County Recorder of Deeds at the expense of the Company.

The duly authorized representatives of the City and Company have executed this Second Amendment as of the dates shown.

City of Urbana, Illinois:

Laurel Lunt Prussing
Mayor

Date

ATTEST:

Phyllis Clark
City Clerk

Gargoyle Technologies, Inc., d/b/a Volo Broadband

Peter Folk
President

Date

ATTEST:

Peter Folk
Secretary

Name (Printed)

Attachments: Exhibit A Network Buildout Written Description (Revision 1.8) (9 pages)
Exhibit F Segment map (1 page)
Exhibit H Segment map (1 page)
Exhibit I Segment map (1 page)
Exhibit J Segment map (1 page)
Exhibit K Segment map (1 page)

Exhibit A (July 21, 2014)

Network Buildout Written Description

Revision 1.8 July 21, 2014

Scope:

This document provides a written language description of the proposed conduit segments as diagrammed in the accompanying schematic illustrations. These written descriptions are being provided to facilitate definition in writing for the license document.

Detailing Exhibit B:

Boulder Drive Path 001 (BDP1) runs in the utility easement along Boulder Drive. The total pathway length is approximately four hundred and eleven (411) feet to be occupied by one (1) 1.0" HDPE duct with a total of one (1) underground hand-hole and two (2) above-ground pedestals to be installed (above-ground pedestals will be used where existing utilities use above-ground pedestals and below-ground space is not required). Standard depth for the duct is thirty-six (36) inches below finished grade. BDP1 begins at 40.082123° North, -88.187318° West and ends 40.083021° North, -88.188076° West.

Boulder Drive Path 002 (BDP2) crosses Boulder Drive connecting BDP1 and BDP3. The total pathway length is approximately sixty-five (65) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. BDP2 begins at 40.083021° North, -88.188076° West and ends 40.083134° North, -88.187896° West.

Boulder Drive Path 003 (BDP3) runs in the utility easement along Boulder Drive. The total pathway length is approximately two hundred and fifty-three (253) feet to be occupied by one (1) 1.0" HDPE. Standard depth for the duct is thirty-six (36) inches below finished grade. BDP3 begins at 40.083134° North, -88.187896° West and ends 40.083650° North, -88.187684° West.

Myra Ridge Path 001 (MRP1) runs in the utility easement behind homes along Trails Drive and South Myra Ridge Drive. The total pathway length is approximately three thousand one hundred and eight (3108) feet to be occupied by one (1) 1.0" HDPE duct and/or up to one (1) direct-buried fiber-optic cable up to ½" in diameter, with a total of twenty (20) above-ground pedestals to be installed (above-ground pedestals will be used where existing utilities use above-ground pedestals and below-ground space is not required). Standard depth for the duct and/or cable is thirty-six (36) inches below finished grade. MRP1 begins at 40.078384° North, -88.189931° West and ends at 40.083694° North, -88.185801° West.

Pines to UC2B Path 001 (PU1) runs in the utility easement on the south side of East Windsor Road connecting BDP3 and PU2. The total pathway length is approximately two hundred and thirty-two (232) feet to be occupied by two (2) 1.0" HDPE ducts with a total of and one (1) above-ground pedestal to be installed (above-ground pedestals will be used where existing utilities use above-ground pedestals and below-ground space is not required). Standard depth for the ducts is thirty-six (36) inches below finished grade. PU1 begins at 40.083648° North, -88.187637° West and ends at 40.083680° North, -88.186818° West.

Pines to UC2B Path 002 (PU2) enters the Public ROW at the eastern end of PU1 to eventually cross E. Windsor Road to the northeast corner of E. Windsor Road and S. Myra Ridge Drive. The total pathway length is approximately five hundred and two (502) feet to be occupied by two (2) 1.0" HDPE ducts with a total of and one (1) underground hand-hole. Standard depth for the ducts is thirty-six (36) inches below finished grade. PU2 begins at 40.083680° North, -88.186818° West and ends at 40.084001° North, -88.185248° West.

Detailing Exhibit C:

Volo Myra Ridge Path 001 (VMRP1) begins at the southeast corner of E. Mumford Drive and S. Philo Road, and terminates at the northwest corner of the T intersection of E. Amber Lane and S. Myra Ridge Drive. The total pathway length is approximately two thousand six hundred and twenty-four (2624) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMRP1 begins at 40.090608° North, -88.190426° West and ends at 40.087458° North, -88.185754° West.

Detailing Exhibit D:

Volo Blair Path 001 (VBP1) begins south of 102 E Michigan Ave, Urbana, IL, and terminates at the northeast corner of E Florida Avenue and S Vine Street. The total pathway length is approximately one thousand nine hundred and sixty-eight (1968) feet to be occupied by one (1) 1.0" HDPE duct with a total of eight (8) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP1 begins at 40.102058° North, -88.206668° West and ends at 40.098399° North, -88.205182° West.

Volo Blair Path 002 (VBP2) runs in the utility easement behind the houses along W. Michigan Avenue and S. Broadway Avenue. The total pathway length is approximately four hundred ninety-six (496) feet to be occupied by one (1) 1.0" HDPE duct with a total of six (6) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP2 begins at 40.101348° North, -88.209083° West and ends at 40.101356° North, -88.207321° West.

Volo Blair Path 003 (VBP3) crosses S. Broadway Avenue connecting the two utility easements running behind the houses between W. Michigan Avenue and W. Pennsylvania Avenue. The total pathway length is approximately eighty-five (85) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP3 begins at 40.101356° North, -88.207321° West and ends at 40.101360° North, -88.207023° West.

Volo Blair Path 004 (VBP4) runs along the south side of E. Michigan Avenue in front of the homes. The total pathway length is approximately five hundred (500) feet to be occupied by one (1) 1.0" HDPE duct with a total of four (4) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP4 begins 40.101915° North, -88.206672° West and ends at 40.101927° North, -88.204884° West.

Volo Blair Path 005 (VBP5) runs in the utility easement behind the houses along W. Pennsylvania Avenue and W. Vermont Avenue. The total pathway length is approximately five hundred and six (506) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP5 begins at 40.100270° North, -88.209105° West and ends at 40.100281° North, -88.207293° West.

Volo Blair Path 006 (VBP6) crosses S. Broadway Avenue connecting the utility easement running behind the houses between W. Pennsylvania Avenue and W. Vermont Avenue. The total pathway length is approximately sixty-seven (67) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP6 begins at 40.100281° North, -88.209105° West and ends at 40.100315° North, -88.207069° West.

Volo Blair Path 007 (VBP7) crosses S. Broadway Avenue connecting the utility easement running behind the houses between W. Vermont Avenue and W. Delaware Avenue. The total pathway length is approximately sixty-five (65) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP7 begins at 40.099634° North, -88.207280° West and ends at 40.099643° North, -88.207066° West.

Volo Blair Path 008 (VBP8) runs in the utility easement behind the houses along W. Delaware Avenue and W. Florida Avenue. The total pathway length is approximately five hundred and forty-four (544) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP8 begins at 40.098672° North, -88.209217° West and ends at 40.098696° North, -88.207272° West.

Volo Blair Path 009 (VBP9) crosses S. Broadway Avenue connecting the utility easement running behind the houses between W. Delaware Avenue and W. Florida Avenue. The total pathway length is approximately sixty-two (62) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP9 begins at 40.098696° North, -88.207272° West and ends at 40.098700° North, -88.207054° West.

Volo Blair Path 010 (VBP10) crosses S. Florida Avenue connecting the utility easement running behind the houses between Florida Court and Pleasant Street. The total pathway length is approximately eighty-six (86) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP10 begins at 40.098399° North, -88.207038° West and ends at 40.098236° North, -88.207253° West.

Volo Blair Path 011 (VBP11) runs in the utility easement running behind the houses along S. Race Street and Florida Drive. The total pathway length is approximately four hundred and seventy-seven (477) feet to be occupied by one (1) 1.0" HDPE duct with a total of three (3) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP11 begins at 40.097961° North, -88.209165° West and ends at 40.097401° North, -88.208186° West.

Volo Blair Path 012 (VBP12) runs in the utility easement running behind the houses along Florida Drive and Florida Court. The total pathway length is approximately four hundred and fifty-four (454) feet to be occupied by one (1) 1.0" HDPE duct with a total of three (3) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP12 begins at 40.097919° North, -88.208200° West and ends at 40.097405° North, -88.207248° West.

Volo Blair Path 013 (VBP13) runs in the utility easement running behind the houses along Florida Court and Pleasant Street. The total pathway length is approximately one thousand four hundred and seventy-five (1475) feet to be occupied by one (1) 1.0" HDPE duct with a total of seven (7) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP13 begins at 40.098399° North, -88.205182° West and ends at 40.095566° North, -88.209034° West.

Volo Blair Path 014 (VBP14) runs in the utility easement running behind the houses along Pleasant Street and S. Vine Street. The total pathway length is approximately one thousand seven hundred and fifty-seven (1757) feet to be occupied by one (1) 1.0" HDPE duct with a total of six (6) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP14 begins at 40.095574° North, -88.207228° West and ends at 40.097844° North, -88.205726° West.

Volo Blair Path 015 (VBP15) runs on the south side of E Michigan Avenue crossing S Vine Street. The total pathway length is eight hundred and twenty-six (826) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP15 begins at 40.100799° North, -88.207072° West and ends at 40.100799° North, -88.207072° West.

Volo Blair Path 016 (VBP16) runs in the utility easement between S Vine Street and S Hillcrest Street. The total pathway length is one hundred and seventy-five (175) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBP16 begins at 40.100799° North, -88.207072° West and ends at 40.100186° North, -88.204259° West.

Detailing Exhibit E:

Volo Maple Path 001 (VMP1) runs in the utility easement behind homes along S. Vine Street and S. Hillcrest Street. The total pathway length is approximately eight hundred and sixty-four (864) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP1 begins at 40.098786° North, -88.204237° West and ends at 40.100200° North, -88.203753° West.

Volo Maple Path 002 (VMP2) crosses S. Hillcrest Street connecting the utility easements running behind the houses between S. Vine Street and S. Maple Street along E. Pennsylvania Avenue. The total pathway length is approximately fifty-eight (58) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP2 begins at 40.100200° North, -88.203753° West and ends at 40.100203° North, -88.203542° West.

Volo Maple Path 003 (VMP3) runs in the utility easement behind homes along S. Hillcrest Street and S. Maple Street. The total pathway length is approximately one hundred and fifty (150) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP3 begins at 40.100203° North, -88.203542° West and ends at 40.100218° North, -8.203006° West.

Volo Maple Path 004 (VMP4) runs in the utility easement behind homes along S. Hillcrest Street and S. Maple Street. The total pathway length is approximately six hundred and fifty-four (654) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP4 begins at 40.098825° North, -88.203012° West and ends at 40.100222° North, -88.202486° West

Volo Maple Path 005 (VMP5) crosses S. Maple Street connecting the utility easements running behind the houses between S. Maple Street and S. Grove Street along E. Pennsylvania Avenue. The total pathway length is approximately sixty-one (61) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP5 begins at 40.100222° North, -88.202486° West and ends at 40.100222° North, -88.202264° West.

Volo Maple Path 006 (VMP6) runs in the utility easement behind homes along S. Maple Street and S. Grove Street. The total pathway length is approximately one hundred and thirty-five (135) feet to be occupied by one (1) 1.0" HDPE duct with a total of one (1) above-ground pedestal. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP6 begins at 40.100222° North, -88.202264° West and ends at 40.100226° North, -88.201786° West.

Volo Maple Path 007 (VMP7) runs in the utility easement behind homes along S. Maple Street and S. Grove Street. The total pathway length is approximately six hundred and twelve (612) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP7 begins at 40.098893° North, -88.201773° West and ends at 40.100235° North, -88.201332° West.

Volo Maple Path 008 (VMP8) crosses S. Grove Street connecting the utility easements running behind the houses between S. Maple Street and S. Anderson Street along E. Pennsylvania Avenue. The total pathway length is approximately fifty (50) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP8 begins at 40.100235° North, -88.201332° West and ends at 40.100233° North, -88.201160° West.

Volo Maple Path 009 (VMP9) runs in the utility easement behind homes along S. Grove Street and S. Anderson Street. The total pathway length is approximately six hundred and forty-one (641) feet to be occupied by one (1) 1.0" HDPE duct with a total of six (6) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP9 begins at 40.100233° North, -88.201160° West and ends at 40.098818° North, -88.200695° West.

Volo Maple Path 010 (VMP10) begins one hundred and fifty-five (155) feet south of the southeast corner of E. Pennsylvania Avenue and S. Maple Street and ends forty-five (45) feet north of the northeast corner of E. Michigan Avenue and S. Vine Street. The total pathway length is approximately nine hundred and ninety-six (996) feet to be occupied by one (1) 1.0" HDPE duct with a total of two (2) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP10 begins at 40.102015° North, -88.204893° West and ends at 40.101281° North, -88.202295° West.

Volo Maple Path 011 (VMP11) runs in the utility easement behind homes along E. Michigan Avenue and E. Pennsylvania Avenue. The total pathway length is approximately nine five hundred and twenty-six (526) feet to be occupied by one (1) 1.0" HDPE duct with a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP11 begins at 40.101252° North, -88.204378° West and ends at 40.101274° North, -88.202502° West.

Volo Maple Path 012 (VMP12) crosses S. Maple Street connecting the utility easements running behind the houses between E. Michigan Avenue and E. Pennsylvania Avenue along S. Maple Street. The total pathway length is approximately sixty-two (62) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP12 begins at 40.101274° North, -88.202502° West and ends at 40.101280° North, -88.202276° West.

Volo Maple Path 013 (VMP13) runs in the utility easement behind homes along E. Michigan Avenue and E. Pennsylvania Avenue along S. Maple Street. The total pathway length is approximately three hundred and twelve (312) feet to be occupied by one (1) 1.0" HDPE duct with a total of three (3) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP13 begins at 40.101280° North, -88.202276° West and ends at 40.101286° North, -88.201159° West.

Volo Maple Path 014 (VMP14) runs in the utility easement behind homes along E. Hollywood Drive and S. Vine Street. The total pathway length is approximately two hundred and ninety (290) feet to be occupied by one (1) 1.0" HDPE duct with a total of two (2) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP14 begins at 40.102220° North, -88.204015° West and ends at 40.102998° North, -88.204015° West.

Volo Maple Path 015 (VMP15) crosses E. Hollywood Drive connecting the utility easement running behind the houses along E. Hollywood Drive and S. Vine Street. The total pathway length is approximately fifty-four (54) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VMP15 begins at 40.103013° North, -88.204012° West and ends at 40.103065° North, -88.203902° West

Detailing Exhibit F

Volo Timber ROW 003 (VTR3) crosses Hagan Boulevard connecting VTU4 and VTR4 The total pathway length is approximately fifty-two (52) feet to be occupied by one (1) 1.0" HDPE duct with a total of one (1) underground hand-hole to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTR3 begins at 40.134320° North, -88.204400° West and ends at 40.134322° North, -88.204217° West.

Volo Timber ROW 004 (VTR4) runs in the Right of Way south of E Kenyon Road connecting VTR3 and VTU7. The total pathway length is approximately one thousand four hundred and eighty-three (1483) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VTR4 begins 40.134015° North, -88.204200° West and ends at 40.134209° North, -88.200024° West.

Volo Timber ROW 005 (VTR5) runs along and crosses G H Baker Drive feeding into VTU5. The total pathway length is approximately five hundred and twenty-seven (527) feet to be occupied by one (1)

1.0" HDPE duct with a total of two (2) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTR5 begins 40.134015° North, -88.204200° West and ends at 40.134015° North, -88.204200° West.

Volo Timber ROW 006 (VTR6) crosses G H Baker Drive and N. Willow Road connecting VTR5 and VTR7. The total pathway length is approximately three hundred and forty-six (346) feet to be occupied by one (1) 1.0" HDPE duct with a total of one (1) underground hand-hole to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTR6 begins at 40.131546° North, -88.201728° West and ends at 40.131443° North, -88.200607° West.

Volo Timber ROW 007 (VTR7) crosses and runs along N Willow Road connecting VTU6 and VTR6. The total pathway length is approximately one thousand one hundred and twenty-seven (1127) feet to be occupied by one (1) 1.0" HDPE duct with a total of four (4) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTR7 begins at 40.131442° North, -88.200632° West and ends at 40.128509° North, -88.200777° West.

Volo Timber ROW 011 (VTR11) begins three hundred and fifty-nine (359) feet north of the northeast corner of E Country Club Road and N Willow Road and terminates at the northwest corner of E Country Club Road and N Cunningham Avenue. The total pathway length is approximately six hundred and fourteen (614) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VTR11 begins at 40.128502° North, -88.200555° West and ends at 40.127509° North, -88.199628° West.

Volo Timber Utility 006 (VTU6) runs in the utility easement wrapping around Willow Court between Golfview Drive and N Willow Road. The total pathway length is approximately five hundred and ninety-three (593) feet to be occupied by one (1) 1.0" HDPE duct and a total of four (4) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTU6 begins at 40.129232° North, -88.201085° West and ends at 40.128512° North, -88.200760° West.

Volo Timber Utility 007 (VTU7) runs in the utility easement east of N Willow Road. The total pathway length is approximately nine hundred and eleven (911) feet to be occupied by one (1) 1.0" HDPE duct and a total of four (4) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTU7 begins at 40.134203° North, -88.200022° West and ends at 40.131714° North, -88.199984° West.

Volo Timber Utility 008 (VTU8) runs in the utility easement between Golfview Drive and N Willow Road. The total pathway length is approximately six hundred and ninety-two (692) feet to be occupied by one (1) 1.0" HDPE duct and a total of five (5) above-ground pedestals to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VTU8 begins at 40.129225° North, -88.201278° West and ends at 40.131047° North, -88.201207° West.

Detailing Exhibit G

Volo Schnucks ROW 001 (VSR1) runs east from the north east corner of E Water Street and N Vine Street to the ROW boundary. The total pathway length is approximately twenty-four (24) feet to be occupied by one (1) 1.0" HDPE duct with a total of one (1) underground hand-hole to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VSR1 begins 40.113674° North, -88.204846° West and ends at 40.113674° North, -88.204768° West.

Detailing Exhibit H:

Volo Street Path 001 (VSP1) begins at the northeast corner of E. Water Street and N. Broadway Avenue and terminates sixty (60) feet south of the southwest corner of Goose Alley and N. Broadway Avenue. The total pathway length is approximately three hundred and fifty-eight (358) feet to be

occupied by one (1) 1.0" HDPE duct with a total of two (2) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VSP1 begins at 40.113574° North, -88.207314° West and ends at 40.112804° North, -88.207587° West.

Volo Street Path 002 (VSP2) begins sixty feet south of the southeast corner of Goose Alley and N. Race Street, and terminates at the southwest corner of Goose Alley and N. Race Street. The total pathway length is approximately seventy-seven (77) feet to be occupied by one (1) 1.0" HDPE duct with a minimum of one (1) and maximum of two (2) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VSP2 begins at 40.112789° North, -88.208842° West and ends at 40.112892° North, -88.209040° West.

Volo Street Path 003 (VSP3) begins east across the street from the Urbana School District 116 Admin building at 205 N. Race Street, and terminates in the existing hand-hole in front of 205 N. Race Street. The total pathway length is approximately forty-six (46) feet to be occupied by one (1) 1.0" HDPE duct with a total of one (1) underground hand-hole to be installed on the east side of Race St.. Standard depth for the duct is thirty-six (36) inches below finished grade. VSP3 begins at 40.114105° North, -88.209050° West and ends at 40.114103° North, -88.208880° West.

Volo Street Path 004 (VSP4) runs north from the northwest corner of the Goodyear lot at the corner of E Elm Street and S Vine Street, across E Elm Street, to the UC2B handhole on the northeast corner of that intersection. The total pathway length is approximately seventy-two (72) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VSP4 begins at 40.111574° North, -88.204861° West and ends at 40.111763° North, -88.204864° West.

Volo Street Path 005 (VSP5) begins at the southwest corner of Goose Alley and N. Broadway Street, and terminates sixty (60) feet south of the southeast corner of Goose Alley and N. Race Avenue. The total pathway length is approximately four hundred and thirty-eight (438) feet to be occupied by one (1) 1.0" HDPE duct with a minimum of two (2) and maximum of three (3) underground hand-holes to be installed. Standard depth for the duct is thirty-six (36) inches below finished grade. VSP5 begins at 40.112981° North, -88.207547° West and ends at 40.112791° North, -88.208833° West. Volo may not require this path, but includes it for completeness in case it becomes necessary.

Volo Street Path 006 (VSP6) begins at the southwest corner of the County Plaza building on the east side of North Broadway Avenue and terminates twenty-six (26) feet south of the southeast corner of Goose Alley and North Broadway Avenue. The total pathway length is approximately eighty-nine (89) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VSP6 begins at 40.112858° North, -88.207294° West and ends at 40.112890° North, -88.207550° West.

Detailing Exhibit I:

Volo Lincoln ROW 001 (VLR01) begins approximately fifty (50) feet east of the northeast corner of W Springfield Avenue and N Lincoln Avenue and terminates approximately fifty (50) feet south of the southwest corner of W Springfield Avenue and N Lincoln Avenue. The total pathway length is approximately two hundred and thirty-seven (237) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VLR01 begins at 40.112897° North, -88.219032° West and ends at 40.112565° North, -88.219440° West.

Volo Lincoln ROW 002 (VLR02) begins approximately fifty (50) feet east of the southeast corner of W Springfield Avenue and N Gregory Street and terminates approximately two hundred and two (202) feet west of the northwest corner of W Springfield Avenue and N Gregory Street. The total pathway length is approximately four hundred and fifty-two (452) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VLR02 begins at 40.112690° North, -88.220411° West and ends at 40.112861° North, -88.221495° West.

Detailing Exhibit J:

Volo Barr ROW 001 (VBR1) begins at the southwest corner of Barr Avenue and N Cunningham Avenue and terminates approximately one hundred and eighty (180) feet to the west and approximately two hundred and thirty (230) feet to the south. The total pathway length is approximately four hundred and sixteen (416) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBR1 begins at 40.120105° North, -88.203113° West and ends at 40.119482° North, -88.203760° West.

Volo Barr ROW 002 (VBR2) begins thirty-two (32) feet south of the southeast corner of Stebbins Drive and N Broadway Avenue and terminates approximately three hundred and fifteen (315) feet to the north of the same corner. The total pathway length is approximately three hundred and forty-eight (348) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VBR2 begins at 40.119548° North, -88.207481° West and ends at 40.120481° North, -88.207538° West.

Detailing Exhibit K:

Volo Philo Road ROW 001 (VPRR1) begins at the southeast corner of E Mumford Drive and S Philo Road and terminates at the northwest corner of Silver Street and S Philo Road. The total pathway length is approximately four hundred and sixty-five (465) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR1 begins at 40.090582° North, -88.190398° West and ends at 40.091558° North, -88.190763° West.

Volo Philo Road ROW 002 (VPRR2) begins one hundred and sixteen (116) feet north of the northwest corner of E Mumford Drive and S Philo Road and terminates 5 feet to the west. The total pathway length is approximately five (5) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR2 begins at 40.091056° North, -88.190754° West and ends at 40.091055° North, -88.190773° West.

Volo Philo Road ROW 003 (VPRR3) begins at the southwest corner of Silver Street and S Philo Road and terminates one hundred and twenty-two (122) feet south of the southwest corner of Silver Street and Fletcher Street. The total pathway length is approximately seven hundred and ninety-two (792) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR3 begins at 40.091399° North, -88.190765° West and ends at 40.091064° North, -88.193160° West.

Volo Philo Road ROW 004 (VPRR4) begins at the northwest corner of Silver Street and S Philo Road and terminates at the northwest corner of Mitchem Drive and Vawter Street. The total pathway length is approximately six hundred and nine (609) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR4 begins at 40.091547° North, -88.190769° West and ends at 40.092332° North, -88.191924° West.

Volo Philo Road ROW 005 (VPRR5) begins at the northeast corner of Silver Street and Vawter Street and terminates on the north side of the T-intersection of Silver Street and Fletcher Street. The total pathway length is approximately three hundred and sixty-three (363) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR5 begins at 40.091535° North, -88.191757° West and ends at 40.091539° North, -88.193040° West.

Volo Philo Road ROW 006 (VPRR6) begins at the southeast corner of Mitchem Drive and Vawter Street and terminates two hundred and fifty-two (252) feet to the west. The total pathway length is approximately two hundred and sixty-six (266) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR6 begins at 40.092210° North, -88.191758° West and ends at 40.092172° North, -88.192665° West.

Volo Philo Road ROW 007 (VPRR7) begins at the northwest corner of Mitchem Drive and Vawter Street and terminates two hundred and seven (207) feet west of the northwest corner of Brighton Drive and Vawter Street. The total pathway length is approximately four hundred and ninety-eight (498) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR7 begins at 40.092332° North, -88.191925° West and ends at 40.092963° North, -88.193047° West.

Volo Philo Road ROW 008 (VPRR8) begins at the southwest corner of Brighton Drive and Vawter Street and terminates three hundred and eleven (311) feet to the west. The total pathway length is approximately three hundred and seventeen (317) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR8 begins at 40.092996° North, -88.191933° West and ends at 40.092961° North, -88.193046° West.

Volo Philo Road ROW 009 (VPRR9) begins at the northeast corner of Mitchem Drive and Vawter Street and terminates two hundred and fifty-five (255) feet west of the southeast corner of E Harding Drive and Vawter Street. The total pathway length is approximately seven hundred and eighty-five (785) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR9 begins at 40.092324° North, -88.191756° West and ends at 40.093739° North, -88.192688° West.

Volo Philo Road ROW 010 (VPRR10) begins two hundred and fifty-five (255) feet west of the southeast corner of E Harding Drive and Vawter Street and terminates one hundred and two (102) feet to the west. The total pathway length is approximately one hundred and eleven (111) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR10 begins at 40.093758° North, -88.192686° West and ends at 40.093740° North, -88.193058° West.

Volo Philo Road ROW 011 (VPRR11) begins at the southeast corner of E Harding Drive and Vawter Street and terminates four hundred and eleven (411) feet to the west of the northeast corner of E Harding Drive and Vawter Street. The total pathway length is approximately four hundred and seventy-two (472) feet to be occupied by one (1) 1.0" HDPE duct. Standard depth for the duct is thirty-six (36) inches below finished grade. VPRR11 begins at 40.093760° North, -88.191769° West and ends at 40.093905° North, -88.193256° West.

Exhibit F (July 21, 2014)



Exhibit H (July 21, 2014)



Exhibit I (July 21, 2014)

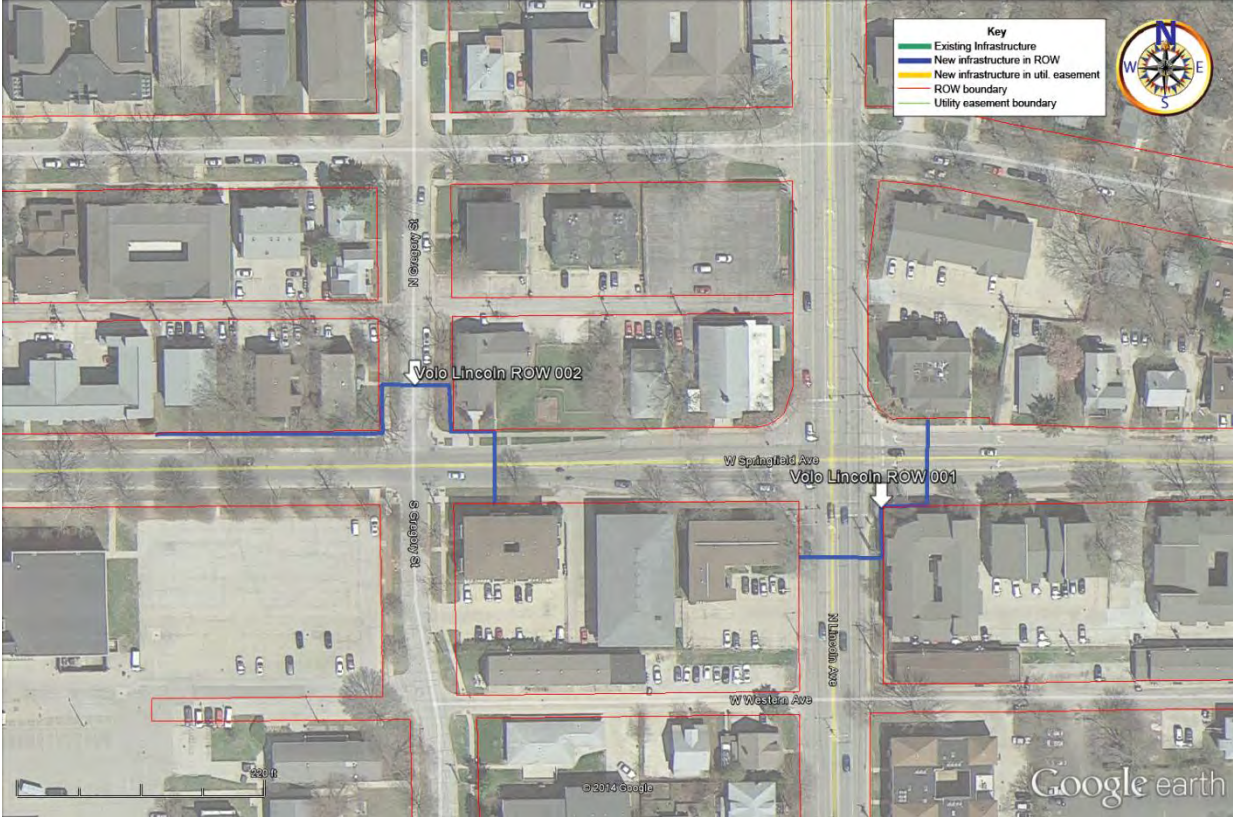


Exhibit J (July 21, 2014)



