Date: **January 3, 2019 - Revised**

Subject:

Utility Relocation Work Plan for:	**Duke Energy**
Facility Type:	**Electric**

Section 1: General Information

A. INDOT/LPA Project Information

1.	Des Number.:	**NA**
2.	Route Number:	**17th street**
3.	Location:	**17th Street, Bloomington, IN**
4.	Work Type:	**Road Reconstruction & Multi-Use Path**
5.	Letting Date:	**August 1, 2018**
6.	Date Work Plan Needed:	**February 12, 2018**
7.	Target Date for Utility to be out of conflict with INDOT Project:	**June 1, 2018**
	Intermediate Phase:	**n/a**
	Intermediate Phase:	**n/a**

B. Utility Designated Contact – Information

1.	Designated Contact Name:	**Brynn Streeter**
2.	Office telephone:	**317-776-5351**
3.	Mobile telephone:	**317-703-0681**
4.	Email address:	Brynn.streeter@duke-energy.com
5.	Agency name:	**Duke Energy**
6.	Address:	**100 S Mill Creek Rd**
7.	City, State, Zip Code:	**Noblesville, IN 46062**
8.	Construction Emergency Contact:	
	Name:	**Brynn Streeter**
	Number:	**317-703-0681**

**** For Outage and Damage Issues please contact 1-800-521-2232 ****

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

D. INDOT/LPA Utility Coordinator Contact Information

1.	Utility Coordinator Name:	**Mark Kaiser**
2.	Office Telephone:	**317-266-8000**
3.	Mobile Telephone:	**630-301-2132**
4.	Email Address:	**mkaiser@cbbel-in.com**
5.	Agency Name:	**Christopher Burke Engineering, LLC**
6.	Address:	**115 W. Washington Street, Suite 1368 South**
7.	City, State, Zip Code	**Indianapolis, IN 46204**

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.

There is an existing 12kv 3-phase line along the north side of 17th street under-build on 69kv transmission line. There are several overhead and underground primary and secondary crossings throughout the project limits. Please see Duke Energy drawings dated 12/23/2018.

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation by Duke Energy.

B. Describe the location of existing active and inactive facilities.

There is an existing 12kv 3-phase line along the north side of 17th street under-build on 69kv transmission line. There are several overhead and underground primary and secondary crossings throughout the project limits. Please see Duke Energy drawings dated 12/23/2018.

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation by Duke Energy.

C. Describe what will be done with existing active and inactive facilities.

The existing 12kv overhead distribution along the north side of 17th street will remain in place with the exception of several poles that will be changed out by transmission.

The anchors located on pole 768-321 on the north west corner of 17th street and Arlington Park Blvd will need to be temporarily removed and the pole will need to be held for the duration of the pipe installation. Duke Energy will need 10 business day notice prior to securing crew to hold pole for construction.

Poles 814-4101 and 814-4102 will be changed out by transmission, the distribution will re-attach to the new poles once installed.

Pole 167-301 will be relocated 4' east of the existing pole on the south east corner of 17th street and Lindbergh Dr. A new 10' anchor will be installed to the north east of the proposed pole as shown on "Attachment A".

Pole 814-4104 will remain in place, the existing underground secondary and primary cable to the north will need to be relocated at a depth no shallower than 7' when crossing the proposed storm pipe. This new cable will be splice in at normal depth, 5' north of the right of way line.

Pole MNI-6963 will be removed and the overhead wire will remain in place.

Pole 161-345 will be changed out in place and the new pole will need to be installed north of the existing one. The existing anchors will be removed to eliminate the conflict with the proposed walk and a new anchor will be installed 8' south of the proposed pole.

Pole MNI-6964 will be relocated 40' to the east of the existing pole and will be set at a depth 5' deeper than normal depth to allow grading in area.

Pole 814-4107 will be changed out by transmission, distribution will transfer their facilities once the new pole is installed.

Poles 814-4107-01 and 814-4107-02 will be removed by transmission

Distribution will install two new poles west and east of 814-4108 to relocate necessary equipment

Pole 814-4108 will be changed out by transmission, distribution will relocate facilities to new pole once installed.

Please see Duke Energy's drawings "Attachment A" dated 12/23/2018.

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation by Duke Energy.

PLEASE REFER TO THE OSHA WEBSITE FOR ALL CLEARANCE REQUIREMENTS BASED ON THE VOLTAGE OF OUR LINES LISTED ABOVE.
http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=19

WARNING: ANY ORANGE OR YELLOW COVER-UP THAT DUKE ENERGY WOULD PLACE ON THE DISTRIBUTION LINE WOULD BE FOR VISUAL IDENTIFICATION ONLY AND WILL NOT PROTECT AGAINST THE TRAVEL OF ELECTRICTY, THEREFORE ALL WIRES WOULD BE CONSIDERED BARE, UNINSULATED, AND ENERGIZED AT ALL TIMES.

IF THE CONTRACTOR WOULD LIKE VISUAL COVER INSTALLED ON THE DISTRIBUTION WIRES, THEY WILL NEED TO CONTACT THE DUKE ENERGY CALL CENTER FOR SCHEDULING AT 1.800.521.2232, MONDAY THROUGH FRIDAY FROM 7A TO 7P OR ON SATURDAY FROM 8A TO 1P.

D. Describe the details of the proposed new facilities.

The existing 12kv overhead distribution along the north side of 17th street will remain in place with the exception of several poles that will be changed out by transmission.

The anchors located on pole 768-321 on the north west corner of 17th street and Arlington Park Blvd will need to be temporarily removed and the pole will need to be held for the duration of the pipe installation. Duke Energy will need 10 business day notice prior to securing crew to hold pole for construction.

Poles 814-4101 and 814-4102 will be changed out by transmission, the distribution will re-attach to the new poles once installed.

Pole 167-301 will be relocated 4' east of the existing pole on the south east corner of 17th street and Lindbergh Dr. A new 10' anchor will be installed to the north east of the proposed pole as shown on "Attachment A".

Pole 814-4104 will remain in place, the existing underground secondary and primary cable to the north will need to be relocated at a depth no shallower than 7' when crossing the proposed storm pipe. This new cable will be splice in at normal depth, 5' north of the right of way line.

Pole MNI-6963 will be removed and the overhead wire will remain in place.

Pole 161-345 will be changed out in place and the new pole will need to be installed north of the existing one. The existing anchors will be removed to eliminate the conflict with the proposed walk and a new anchor will be installed 8' south of the proposed pole.

Pole MNI-6964 will be relocated 40' to the east of the existing pole and will be set at a depth 5' deeper than normal depth to allow grading in area.

Pole 814-4107 will be changed out by transmission, distribution will transfer their facilities once the new pole is installed.

Poles 814-4107-01 and 814-4107-02 will be removed by transmission

Distribution will install two new poles west and east of 814-4108 to relocate necessary equipment

Pole 814-4108 will be changed out by transmission, distribution will relocate facilities to new pole once installed.

Please see Duke Energy's drawings "Attachment A" dated 12/23/2018.

E. Describe the proposed location of the new facilities.

The existing 12kv overhead distribution along the north side of 17th street will remain in place with the exception of several poles that will be changed out by transmission.

The anchors located on pole 768-321 on the north west corner of 17th street and Arlington Park Blvd will need to be temporarily removed and the pole will need to be held for the duration of the pipe installation. Duke Energy will need 10 business day notice prior to securing crew to hold pole for construction.

Poles 814-4101 and 814-4102 will be changed out by transmission, the distribution will re-attach to the new poles once installed.

Pole 167-301 will be relocated 4' east of the existing pole on the south east corner of 17th street and Lindbergh Dr. A new 10' anchor will be installed to the north east of the proposed pole as shown on "Attachment A".

Pole 814-4104 will remain in place, the existing underground secondary and primary cable to the north will need to be relocated at a depth no shallower than 7' when crossing the proposed storm pipe. This new cable will be splice in at normal depth, 5' north of the right of way line.

Pole MNI-6963 will be removed and the overhead wire will remain in place.

Pole 161-345 will be changed out in place and the new pole will need to be installed north of the existing one. The existing anchors will be removed to eliminate the conflict with the proposed walk and a new anchor will be installed 8' south of the proposed pole.

Pole MNI-6964 will be relocated 40' to the east of the existing pole and will be set at a depth 5' deeper than normal depth to allow grading in area.

Pole 814-4107 will be changed out by transmission, distribution will transfer their facilities once the new pole is installed.

Poles 814-4107-01 and 814-4107-02 will be removed by transmission

Distribution will install two new poles west and east of 814-4108 to relocate necessary equipment

Pole 814-4108 will be changed out by transmission, distribution will relocate facilities to new pole once installed.

Please see Duke Energy's drawings "Attachment A" dated 12/23/2018.

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on **<NA >**

Signature of Utility Representative | Print Name | Date

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]

(A) Duke Energy must have acquired all ROW, RR, State or Federal permits before relocation construction begins.
(B) Duke Energy must have acquired all private "possessory rights" needed for the approved relocation plan before relocation construction begins.
(C) Duke Energy will not be acquiring easements for the said project.

Section 4: A statement whether the utility is or is not willing to allow the LPA's contractor to do the required work as part of the highway contract. [IAC 13-3-3(c) (3)]

Duke Energy Indiana is not willing to have a LPA's contractor perform the required relocation.

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	**60**
B.	The expected lead time in calendar days to obtain materials:	**60 Days**
C.	The expected lead time in calendar days to schedule work crews:	**60 Days (Minimum)**
D.	If the contractor is being selected by competitive bid what is the date of selection?	**Not Applicable**
E.	The expected lead time in calendar days to obtain new property interests:	**NA**
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	**Once the Work Plan has been Approved and Received**
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	**60 Days**

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

The removal of Duke Energy's pole(s) is dependent upon the removal of attachers to our poles. The attachers must remove their facilities before the existing poles can be removed. The existing attachers to our poles on this project are:

(1) TELE, with a description of the required work:
Contact all the onsite utilities for their proposed relocation plans

(2) CATV, with a description of the required work:
Contact all the onsite utilities for their proposed relocation plans

(3) FIBER(S), with a description of the required work:
Contact all the onsite utilities for their proposed relocation plans

If the existing attacher is transferring their facilities to our new poles, the existing attacher's construction schedule may begin only after Duke Energy's relocation construction is completed. Duke Energy has no control over the start date or finish date for attachers vacating our existing poles.

B. A statement whether the facility relocation is or is not dependent on work to be done by the LPA or the LPA'S contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

Work item A
LPA will give written notice to Duke Energy that all "possessory rights" have been acquired for the entire length of the approved work plan area before relocation construction begins.

Work item B
LPA will work closely with Duke Energy to safely clear all trees, shrubs and structures, at the LPA's cost, for the entire length of the approved relocation plan area, including areas sufficiently beyond the construction limits to accommodate the approved relocation work plan before relocation construction begins.

Work item C
LPA will notify Duke Energy after staking (A or B):
A. LPA ROW limits every 100 ft with station identification before relocation construction begins. Throughout the project extents from the west to the east side along S. 17th Street.

B. Station and offset identification provided by Duke Energy for each Duke Energy facility before location construction begins.

Work item D
LPA will provide signed copies of all reimbursement agreements before Relocation construction begins. NOT APPLICABLE

Work item E
LPA will provide Duke Energy a "Signed" work plan on or before as the ready for contracts date.

Work item F

LPA will provide Duke Energy a "Letter to Proceed" on or before the ready for contracts date but no event later than the required pre-construction lead time prescribed in Sections 5 F & G.

In the event that Duke Energy Indiana decides to hold, protect or guard its installed facilities before, after or during relocation construction, for the safe installation of another facility or utility, Duke Energy Indiana will notify the LPA immediately. Because time is of the essence, the LPA and Duke Energy Indiana agree to work together to minimize costs and delays for all parties involved, and Duke Energy Indiana agrees to not proceed until an agreement is reached with the LPA regarding reimbursement of Duke Energy Indiana's costs for holding protecting or guarding its facilities.

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction:

Absent an agreement expediting the work between the LPA and Duke Energy Indiana, the earliest date when Duke Energy Indiana could begin construction.

1.) **If the LPA ROW staking and clearing is contained in the LPA's construction contract, Duke Energy Indiana will begin construction within 20 days after Duke Energy Indiana has received from LPA both a "Notice to Proceed" (confirming the staking and clearing has been completed) and a fully executed Work Plan.**

If the LPA ROW staking and clearing is let as a separate contract, Duke Energy Indiana will begin construction within 20 days after Duke Energy Indiana has received from LPA both a "Notice to Proceed" (confirming the staking and clearing has been completed) and a fully executed Work Plan.

If at any time within 20 days from the most current published letting date, the LPA changes the letting date by more than fourteen (14) days, Duke Energy Indiana reserves the right upon written notice sent by mail to the LPA, to provide to the LPA a revised work plan within 20 days from the date Duke Energy Indiana is notified of the change.

D. The number of calendar days to complete the relocation work: **75 Days (Contingent upon the installation of transmissions poles)**

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)].

See Attachment A.

Section 8: For each work plan the utility shall include a cost estimate for the facility relocation. For reimbursable work the estimate will identify betterment and salvage, which is not reimbursable. [IAC 13-3-3(d)]

Not Applicable.

Section 9: For work the utility is entitled to be compensated by the Department, the work plan shall include documentation of property interests and compensable land rights. [IAC 13-3-3(d)]

Not Applicable.

Section 10: The implementation of this approved work plan is dependent upon the issuance of: (a notice to proceed will be provided when items in Section 6 are accomplished)

Items Completed	Yes	Not Applicable
An executed reimbursement agreement with INDOT/LPA:	☐	X
A relocation permit from INDOT/LPA:	☒	

(Note: Double-click on box in Yes or NA to mark it with an "X")

Submitter Signature

12-24-2018 – Revised 1/3/2019
Date

Brynn Streeter
Submitter Name Printed

DUKE ENERGY.

INDOT/LPA use only below this point ---------- INDOT/LPA use only below this point

The following sections are to be used by INDOT personnel to review the utility relocation work plan.

Section 11: The Department shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with department permit requirements	☑	☐	
(1.b) is compatible with the project plans	☑	☐	
(1.c) is compatible with the construction schedule	☑	☐	
(1.d) is compatible with other utility relocation work plans	☑	☐	
(2.a) has reasonable relocation scheme	☑	☐	
(2.b) has a reasonable cost for compensable work	☑	☐	

(**Note:** Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.b) that were marked No:

[signature] 1/3/19

Reviewer Signature Date

MARK KAISER UTILITY COORDINATOR

Reviewer Name Printed

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and found it acceptable.

[signature] January 10, 2019

Project Manager Signature Date

Adrian Reid

Project Manager Name Printed

[signature] 1/9/2019

Project Engineer Signature Date

Neil Kopper

Project Engineer Name Printed

AZTEC Engineering Group, Inc.
320 W 8th Street, Suite 100
Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
www.aztec.us

Date: August 31, 2018

Subject:

Utility Relocation Work Plan for:	Duke Energy
Facility Type:	Electric - Transmission

Section 1: General Information

A. Project Information

1.	Location:	17th Street, Bloomington Indiana
2.	Work Type:	Roadway Reconstruction & Multi-Use Path
3.	Letting Date:	January 1, 2019
4.	Date Work Plan Needed	September 15, 2018
5.	Target Date for Utility to be out of conflict with Project	April 1, 2019
	Intermediate Phase	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Dwayne Wright
2.	Office telephone:	317-838-2044
3.	Mobile telephone:	317-450-6749
4.	Email address:	DEI-TLine-Coord@duke-energy.com
5.	Agency name	Duke Energy
6.	Address:	1000 E Main Street
7.	City, State, Zip Code:	Plainfield, IN 46168
8.	Construction Emergency Contact:	
	Name:	Emergency Number
	Number:	800-521-2232

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

_____ _____

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

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www.aztec.us

D. Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Mark Kaiser
2.	Office Telephone:	317-266-8000
3.	Mobile Telephone:	630-301-2132
4.	Email Address:	mkaiser@cbbel-in.com
5.	Agency Name:	Christopher Burke Engineering, LLC
6.	Address:	115 W Washington Street, Suite 1368 South
7.	City, State, Zip Code	Indianapolis, IN 46204

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.

This work plan is being submitted for transmission facilities only and a separate work plan is being submitted for distribution facilities. There is an overhead 69kV transmission line along the north side of 17th street throughout the length of the project.

Please see exhibit A - Rev 2

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation

B. Describe the location of existing active and inactive facilities.

This work plan is being submitted for transmission facilities only and a separate work plan is being submitted for distribution facilities. There is an overhead 69kV transmission line along the north side of 17th street throughout the length of the project.

Please see exhibit A - Rev 2

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation

C. Describe what will be done with existing active and inactive facilities.

4 poles on the 69kV transmission line will be replaced and set approximately in the same location. Structures that will remain in place, as is, are noted. It is requested that any excavation around Duke poles are limited to a hand grade within 5ft of pole.

See Exhibit A – Rev 2.

PLEASE REFER TO THE OSHA WEBSITE FOR ALL CLEARANCE REQUIREMENTS BASED ON THE VOLTAGE OF OUR LINES LISTED ABOVE.

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=19

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D. Describe the details of the proposed new facilities.
(3) 80' Steel transmission Poles
(1) 85' Steel transmission Poles

E. Describe the proposed location of the new facilities

Poles will be placed in the same location

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on November 10, 2017.

_____ _____

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]

Duke Energy must have acquired all ROW, RR, State or Federal permits before relocation construction begins. Duke Energy will not be acquiring easements.

Section 4: A statement whether the utility is or is not willing to allow the contractor to do the required work as part of the roadway contract. [IAC 13-3-3(c) (3)]

Duke Energy Indiana is not willing to have INDOT/LPA's contractor perform the required relocation.

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	60 Days
B.	The expected lead time in calendar days to obtain materials:	120 Days
C.	The expected lead time in calendar days to schedule work crews:	150 Days
D.	If the contractor is being selected by competitive bid what is the date of selection?	Not Applicable
E.	The expected lead time in calendar days to obtain new property interests:	Not Applicable
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	Contingent on Notice to Proceed
G.	The total number of calendar days for pre-construction activities:	150 Days

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	(accounting for concurrent activities)	

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

It should be noted that there are foreign utilities currently attached to the poles and Duke Energy reserves the right to require that the last utility to remove their facilities from the poles be held responsible for the removal of the pole per JUR agreements. Construction of the new pole line is not dependent on the removal, however the removal of Duke Energy's existing poles are dependent upon the removal of foreign attachments. If the existing attacher is transferring their facilities to our new poles, the existing attacher's construction schedule may begin only after Duke Energy's relocation construction is completed. Duke Energy has no control over the start date or finish date for attachers vacating our existing poles.

Duke Transmission Foreign Attachers:
Duke Distribution
Comcast
AT&T
US Signal
Zayo

B. A statement whether the facility relocation is or is not dependent on work to be done by the City or the City's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

Work item A
INDOT/LPA will give written notice to Duke Energy that all "possessory rights" have been acquired for the entire length of the approved work plan area before relocation construction begins. NOT APPLICABLE

Work item B
INDOT/LPA will work closely with Duke Energy to safely clear all trees, shrubs and structures, at the INDOT/LPA's cost, for the entire length of the approved relocation plan area, including areas sufficiently beyond the construction limits to accommodate the approved relocation work plan before relocation construction begins. NOT APPLICABLE

Work item C
INDOT/LPA will notify Duke Energy after staking:
INDOT/LPA ROW limits every 200 ft with station identification before relocation construction begins. NOT APPLICABLE

Work item D
INDOT/LPA will provide signed copies of all reimbursement agreements before Relocation construction begins. NOT APPLICABLE

Work item E
INDOT/LPA will provide Duke Energy a "Signed" work plan on or before as the ready for contracts date.

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Work item F
INDOT/LPA will provide Duke Energy a "Letter to Proceed" on or before the ready for contracts date but no event later than the required pre-construction lead time prescribed in Sections 5 F & G.

In the event that Duke Energy Indiana decides to hold, protect or guard its installed facilities before, after or during relocation construction, for the safe installation of another facility or utility, Duke Energy Indiana will notify the INDOT/LPA immediately. Because time is of the essence, the INDOT/LPA and Duke Energy Indiana agree to work together to minimize costs and delays for all parties involved, and Duke Energy Indiana agrees to not proceed until an agreement is reached with the INDOT/LPA regarding reimbursement of Duke Energy Indiana's costs for holding protecting or guarding its facilities.

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction:
Absent an agreement expediting the work between INDOT/LPA and the utility, the earliest date when the utility could begin construction.

1.) **If the INDOT/LPA ROW staking and clearing is contained in the INDOT/LPA's construction contract, Duke Energy Indiana will begin construction 60 days after the actual letting date of the construction project. Not Applicable**

2.) **If the INDOT/LPA ROW staking and clearing is let as a separate contract, Duke Energy Indiana will begin construction up to 60 days after the actual letting date of the staking and clearing contract provided that the separate contract for staking and clearing was published on the 18 month letting listing at the same time the contract for construction was published. Not Applicable**

If at any time within 150 days from the most current published letting date, the INDOT/LPA changes the letting date by more than fourteen (14) days, Duke Energy Indiana reserves the right upon written notice sent by mail to the INDOT/LPA, to provide to the INDOT/LPA a revised work plan within 60 days from the date Duke Energy Indiana is notified of the change.

D. The number of calendar days to complete the relocation work: **60 Days**

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

See Exhibit A – Rev 2.

Dwayne Wright **8/31/18**

Signature of Utility Representative Date

Dwayne Wright

Utility Representative Name Printed

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Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
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Project Personnel use only below this point ----------Project Personnel use only below this point

The following sections are to be used by project personnel to review the utility relocation work plan.

Section 11: The designer shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with permit requirements	☑	☐	
(1.b) is compatible with the project plans	☑	☐	
(1.c) is compatible with the construction schedule	☑	☐	
(1.d) is compatible with other utility relocation work plans	☑	☐	
(2.a) has reasonable relocation scheme	☑	☐	

(**Note**: Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.a) that were marked No:

Utility Coordinator Signature — Date: 9/17/18

MARK KAISER
Utility Coordinator Name Printed

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and found it acceptable.

Project Manager Signature — Date: 9/17/2018

Adrian Reid
Project Manager Name Printed

Project Engineer Signature — Date: 9/17/2018

Neil Kopper
Project Engineer Name Printed

AZTEC Engineering Group, Inc.
320 W 8th Street, Suite 100
Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
www.aztec.us

Date: December 13, 2017

Subject:

Utility Relocation Work Plan for:	Vectren Energy Delivery
Facility Type:	Gas Distribution.

Section 1: General Information

A. Project Information

1.	Location:	17th Street, Bloomington Indiana
2.	Work Type:	Roadway Reconstruction & Multi-Use Path
3.	Letting Date:	January 1, 2019
4.	Date Work Plan Needed	September 15, 2018
5.	Target Date for Utility to be out of conflict with Project	April 1, 2019
	Intermediate Phase	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Christopher Baldwin
2.	Office telephone:	812-348-6710
3.	Mobile telephone:	
4.	Email address:	cbaldwin@vectren.com
5.	Agency name	Vectren Energy Delivery
6.	Address:	205 S. Madison
7.	City, State, Zip Code:	Bloomington, IN 47403
8.	Construction Emergency Contact:	
	Name:	Emergency Number
	Number:	800-227-1376

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

_____ _____

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

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D. Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Mark Kaiser
2.	Office Telephone:	317-266-8000
3.	Mobile Telephone:	630-301-2132
4.	Email Address:	mkaiser@cbbel-in.com
5.	Agency Name:	Christopher Burke Engineering, LLC
6.	Address:	115 W Washington Street, Suite 1368 South
7.	City, State, Zip Code	Indianapolis, IN 46204

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.

- **A 2" Plastic main exists on the North side of 17th Street**
- **A 2" Plastic main crosses 17th Street**
- **A 2" Steel gas main exists on the South side of 17th Street**
- **A 2" Plastic Gas Main exists on the South side of 17th Street**
- **A 2" Plastic Gas Main exists on the West Side of Lindbergh Drive.**

B. Describe the location of existing active and inactive facilities.

- **A 2" Plastic main exists on the North side of 17th St, from Station10+0 to 13+95**
- **A 2" Plastic main crosses 17th St Station 13+95**
- **A 2" Steel gas main exists on the South side of 17thSt, from Station 13+95 to Station 30+50 On private right of way from Station 18+50 to 30+60, and between Station 32+20 to 33+60**
- **A 2" Plastic Gas Main exists on the South side of 17th St from Station 30+50 to beyond Station 35+00**
- **A 2" Plastic Gas Main exists on the West side of Lindbergh Drive from Station 100+10 to 102+70**

C. Describe what will be done with existing active and inactive facilities.

- **Existing 2" Plastic Gas Main from Station 10+00 to 13+00 to Remain in Place**
- **Existing 2" Plastic crossing at Station 13+70 to be Retired and Abandoned in Place.**
- **Existing 2" Steel Gas Main from Station 13+00 to 23+90 to be Retired and Abandoned in Place.**
- **Existing 2" Steel Gas Main from Station 23+90 to station 30+50 to Remain in Place.**
- **Existing 2" Plastic Gas Main from Station 30+50 to beyond 35+00 Remain in Place**
- **Existing 2" Plastic Gas Main on Lindbergh Dr, from Station 100+20 to 100+30 to be Retired and Abandoned in Place.**
- **Existing 2" Plastic Gas Main on Lindbergh Dr, from Station 100+30 to 103+40 to Remain in Place**

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D. Describe the details of the proposed new facilities.

- Proposed 2" Plastic Gas Main will be installed on the north side of 17th Street , between Stations 13+00 to 17+12
- Proposed 2" Plastic Gas Main will be installed on the north side of 17th Street, between Stations 23+65 to 31+36
- Proposed 2" Plastic Gas Main will be installed crossing W 17th Street at Station 31+36 to existing 2" Plastic Main on the south side of W 17th Street.
- Proposed 2" Plastic Gas Main will be installed on the west side of Lindbergh Drive, between Stations 103+40 to existing 2" Plastic Gas Main on 15th Street.

(8) New Service Replacements, and (7) Service Tie overs

E. Describe the proposed location of the new facilities.

All new proposed 2" Plastic Gas Mains will be installed inside of R/W boundaries:

- 2" Plastic, from Station 13+00 to 17+12, Off Set- 35' North, Elevations - 853+5 to 879+5
- 2" Plastic, from Station 23+65 to 31+36, Off Set -26' – 31' North, Elevations - 790 to 815
- 2" Plastic, crossing 17th Street at Station 31+36, Off Set – 30' N -27' S, Elevations – 785
- 2" Plastic, Lindbergh Dr from Station 103+40 to existing 2" on 15th St, Off Set- 17' West, Elevations- 3.5' below existing grade

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on November 10, 2017.

_____ _____

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]

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Relocation of Gas Mains will not require acquisition of easements.

Section 4: A statement whether the utility is or is not willing to allow the contractor to do the required work as part of the roadway contract. [IAC 13-3-3(c) (3)]

Vectren Crews will relocate Gas Mains and Services

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	45
B.	The expected lead time in calendar days to obtain materials:	45
C.	The expected lead time in calendar days to schedule work crews:	35
D.	If the contractor is being selected by competitive bid what is the date of selection?	N/A
E.	The expected lead time in calendar days to obtain new property interests:	90 – 120
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	12/12/2018
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	35-45

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

1. Utility A, with a description of the required work.

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2. Utility B, with a description of the required work.

3. Utility C, with a description of the required work.

B. A statement whether the facility relocation is or is not dependent on work to be done by the City or the City's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

1. Work item A Structure and R/W Staking (Permanent and Temporary)

2. Work item B R/W clearing (permanent)

3. Work item C

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction: 35 – 45

D. The number of calendar days to complete the relocation work:
35 - 40

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

See Relocation Plan

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ec.us

Signature of Utility Representative

11/13/2018
Date

Christopher S Baldwin
Utility Representative Name Printed

Project Personnel use only below this point ----------Project Personnel use only below this point

The following sections are to be used by project personnel to review the utility relocation work plan.

Section 11: The designer shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with permit requirements	☑	☐	
(1.b) is compatible with the project plans	☑	☐	
(1.c) is compatible with the construction schedule	☑	☐	
(1.d) is compatible with other utility relocation work plans	☑	☐	
(2.a) has reasonable relocation scheme	☑	☐	

(**Note**: Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.a) that were marked No:

Utility Coordinator Signature

11/14/18
Date

MARK KAISER
Utility Coordinator Name Printed

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

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I have reviewed the work plan and found it acceptable.

Project Manager Signature

November 20, 2018
Date

Adrian Reid
Project Manager Name Printed

Project Engineer Signature

11/20/2018
Date

Neil Kopper
Project Engineer Name Printed

AZTEC Engineering Group, Inc.
320 W 8th Street, Suite 100
Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
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Date: September 13, 2018

Subject:

Utility Relocation Work Plan for:	AT&T Distribution
Facility Type:	Phone / Fiber

Section 1: General Information

A. Project Information

1.	Location:	17th Street, Bloomington Indiana
2.	Work Type:	Roadway Reconstruction & Multi-Use Path
3.	Letting Date:	January 1, 2019
4.	Date Work Plan Needed	September 30, 2018
5.	Target Date for Utility to be out of conflict with Project	May 1, 2019
	Intermediate Phase	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Brent McCabe
2.	Office telephone:	812-334-4521
3.	Mobile telephone:	812-327-4189
4.	Email address:	Bm1792@att.com
5.	Agency name	AT&T Distribution
6.	Address:	4517 Indiana Bell Ct.
7.	City, State, Zip Code:	Bloomington, IN 47408
8.	Construction Emergency Contact:	
	Name:	Brent McCabe
	Number:	812-327-4189

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

_____ _____

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

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D. Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Mark Kaiser
2.	Office Telephone:	317-266-8000
3.	Mobile Telephone:	630-301-2132
4.	Email Address:	mkaiser@cbbel-in.com
5.	Agency Name:	Christopher Burke Engineering, LLC
6.	Address:	115 W Washington Street, Suite 1368 South
7.	City, State, Zip Code	Indianapolis, IN 46204

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.

B. Describe the location of existing active and inactive facilities.

C. Describe what will be done with existing active and inactive facilities.

D. Describe the details of the proposed new facilities.

E. Describe the proposed location of the new facilities.

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on November 10, 2017.

Signature of Utility Representative

Print Name

Date

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

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Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]

NOT DEPENDENT

Section 4: A statement whether the utility is or is not willing to allow the contractor to do the required work as part of the roadway contract. [IAC 13-3-3(c) (3)]

NOT WILLING

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	N/A
B.	The expected lead time in calendar days to obtain materials:	N/A
C.	The expected lead time in calendar days to schedule work crews:	30
D.	If the contractor is being selected by competitive bid what is the date of selection?	
E.	The expected lead time in calendar days to obtain new property interests:	N/A
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	4/1/2019
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	30

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

1. Utility A, with a description of the required work.

DUKE ENERGY WILL HAVE TO PLACE POLES, TRANSFER FACILITIES AND TOP EXISTING WOOD POLES

2. Utility B, with a description of the required work.

ZAYO WILL HAVE TO TRANSFER TO NEW DUKE POLES

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3. Utility C, with a description of the required work.

COMCAST WILL HAVE TO TRANSFER FACILITIES TO NEW POWER POLES

B. A statement whether the facility relocation is or is not dependent on work to be done by the City or the City's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

1. Work item A

N/A

2. Work item B

N/A

3. Work item C

N/A

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction: 30

D. The number of calendar days to complete the relocation work:

30

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

Brent McCabe
Signature of Utility Representative

9/17/2018
Date

BRENT MCCABE
Utility Representative Name Printed

Project Personnel use only below this point ----------Project Personnel use only below this point

The following sections are to be used by project personnel to review the utility relocation work plan.

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Section 11: The designer shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with permit requirements	☐	☐	
(1.b) is compatible with the project plans	☐	☐	
(1.c) is compatible with the construction schedule	☐	☐	
(1.d) is compatible with other utility relocation work plans	☐	☐	
(2.a) has reasonable relocation scheme	☐	☐	

(**Note**: Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.a) that were marked No:

Utility Coordinator Signature _____ Date _____

Utility Coordinator Name Printed _____

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and found it acceptable.

Project Manager Signature _____ Date _____

Project Manager Name Printed _____

Project Engineer Signature _____ Date _____

Project Engineer Name Printed _____

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Date: December 13, 2017

Subject:

Utility Relocation Work Plan for:	Comcast of Central Indiana
Facility Type:	Cable / Fiber

Section 1: General Information

A. Project Information

1.	Location:	17th Street, Bloomington Indiana
2.	Work Type:	Roadway Reconstruction & Multi-Use Path
3.	Letting Date:	January 1, 2019
4.	Date Work Plan Needed	September 20, 2018
5.	Target Date for Utility to be out of conflict with Project	May 1, 2019
	Intermediate Phase	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Scott Templeton
2.	Office telephone:	
3.	Mobile telephone:	812-822-3262
4.	Email address:	Scott_templeton@cable.comcast.com
5.	Agency name	Comcast of Central Indiana
6.	Address:	1600 W Vernal Pike
7.	City, State, Zip Code:	Bloomington, IN 47404
8.	Construction Emergency Contact:	
	Name:	Scott Templeton
	Number:	812-822-3262

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

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D. Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Mark Kaiser
2.	Office Telephone:	317-266-8000
3.	Mobile Telephone:	630-301-2132
4.	Email Address:	mkaiser@cbbel-in.com
5.	Agency Name:	Christopher Burke Engineering, LLC
6.	Address:	115 W Washington Street, Suite 1368 South
7.	City, State, Zip Code	Indianapolis, IN 46204

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.
Coax cable and fiber

B. Describe the location of existing active and inactive facilities.
Aerial coax cable and fiber

C. Describe what will be done with existing active and inactive facilities.
To b transfer to new duke poles

D. Describe the details of the proposed new facilities.
On duke poles no new facilities just pole transfer from old pole to new pole

E. Describe the proposed location of the new facilities.
To be transfer to duke poles

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on November 10, 2017.

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

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Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]
N/A

Section 4: A statement whether the utility is or is not willing to allow the contractor to do the required work as part of the roadway contract. [IAC 13-3-3(c) (3)]
N/A

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	0
B.	The expected lead time in calendar days to obtain materials:	0
C.	The expected lead time in calendar days to schedule work crews:	10
D.	If the contractor is being selected by competitive bid what is the date of selection?	N/A
E.	The expected lead time in calendar days to obtain new property interests:	0
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	0
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	10

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

1. Utility A, with a description of the required work.
   Duke

2. Utility B, with a description of the required work.
   N/A

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3. Utility C, with a description of the required work.

   N/A

B. A statement whether the facility relocation is or is not dependent on work to be done by the City or the City's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

   1. Work item A N/A

   2. Work item B

   3. Work item C

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction:
   After duke complete all work 10 working day

D. The number of calendar days to complete the relocation work:
   After duke complete all work 10 working day

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

_____ 9/14/2018

Signature of Utility Representative Date

Steve Mcartor

Utility Representative Name Printed

Project Personnel use only below this point ----------Project Personnel use only below this point

The following sections are to be used by project personnel to review the utility relocation work plan.

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Section 11: The designer shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with permit requirements	☐	☐	
(1.b) is compatible with the project plans	☐	☐	
(1.c) is compatible with the construction schedule	☐	☐	
(1.d) is compatible with other utility relocation work plans	☐	☐	
(2.a) has reasonable relocation scheme	☐	☐	

(**Note**: Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.a) that were marked No:

Utility Coordinator Signature _____ Date _____

Utility Coordinator Name Printed _____

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and found it acceptable.

Project Manager Signature _____ Date _____

Project Manager Name Printed _____

Project Engineer Signature _____ Date _____

Project Engineer Name Printed _____

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Date: December 13, 2017

Subject:

Utility Relocation Work Plan for:	US Signal
Facility Type:	Fiber

Section 1: General Information

A. Project Information

1.	Location:	17th Street, Bloomington Indiana
2.	Work Type:	Roadway Reconstruction & Multi-Use Path
3.	Letting Date:	August 1, 2018
4.	Date Work Plan Needed	February 12, 2018
5.	Target Date for Utility to be out of conflict with Project	August 1, 2018
	Intermediate Phase	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Rob Fisher
2.	Office telephone:	616-988-5319
3.	Mobile telephone:	616-862-7102
4.	Email address:	rfisher@tkns.net
5.	Agency name	Turnkey Network Solutions
6.	Address:	201 Ionia Ave, SW
7.	City, State, Zip Code:	Grand Rapids, MI 49503
8.	Construction Emergency Contact:	
	Name:	Maintenance Services
	Number:	855-840-8567

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

Signature of Utility Representative

Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

AZTEC Engineering Group, Inc.
320 W 8th Street, Suite 100
Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
www.aztec.us

D. Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Mark Kaiser
2.	Office Telephone:	317-266-8000
3.	Mobile Telephone:	630-301-2132
4.	Email Address:	mkaiser@cbbel-in.com
5.	Agency Name:	Christopher Burke Engineering, LLC
6.	Address:	115 W Washington Street, Suite 1368 South
7.	City, State, Zip Code	Indianapolis, IN 46204

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.

Active 72-count aerial fiber

B. Describe the location of existing active and inactive facilities.

Parallel to W 17th Street on the north side, attached to Duke Energy pole line.

C. Describe what will be done with existing active and inactive facilities.

Dependent on Duke Energy; if they place new poles we will transfer to the new pole line.

D. Describe the details of the proposed new facilities.

On Duke Energy Poles

E. Describe the proposed location of the new facilities.

US-Signal we be removed from two wooden Duke Energy poles and transferring to three new Steel Poles.

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on November 10, 2017.

Signature of Utility Representative _____ Print Name _____ Date _____

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

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Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]

N/A

Section 4: A statement whether the utility is or is not willing to allow the contractor to do the required work as part of the roadway contract. [IAC 13-3-3(c) (3)]

US-Signal is NOT willing to allow another contractor to complete the work.

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	We will not require permits to attach to new poles.
B.	The expected lead time in calendar days to obtain materials:	14 Days
C.	The expected lead time in calendar days to schedule work crews:	21 Days
D.	If the contractor is being selected by competitive bid what is the date of selection?	N/A
E.	The expected lead time in calendar days to obtain new property interests:	N/A
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	Dependent on Duke Energy
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	21 Days

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

1. Utility A, with a description of the required work.

US-Signal will transfer to new Duke Energy poles once they are in place.

2. Utility B, with a description of the required work.

AZTEC Engineering Group, Inc.
320 W 8th Street, Suite 100
Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
www.aztec.us

3. Utility C, with a description of the required work.

B. A statement whether the facility relocation is or is not dependent on work to be done by the City or the City's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

1. Work item A

N/A

2. Work item B

3. Work item C

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction:

21 Days

D. The number of calendar days to complete the relocation work:

1 Day

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

Signature of Utility Representative

4/13/2018
Date

Rob Fisher

AZTEC Engineering Group, Inc.
320 W 8th Street, Suite 100
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P: 812.717.2554 | F: 812.333.3941
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Utility Representative Name Printed

Project Personnel use only below this point ----------Project Personnel use only below this point

The following sections are to be used by project personnel to review the utility relocation work plan.

Section 11: The designer shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with permit requirements	☐	☐	
(1.b) is compatible with the project plans	☐	☐	
(1.c) is compatible with the construction schedule	☐	☐	
(1.d) is compatible with other utility relocation work plans	☐	☐	
(2.a) has reasonable relocation scheme	☐	☐	

(**Note**: Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.a) that were marked No:

Utility Coordinator Signature

Date

Utility Coordinator Name Printed

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and found it acceptable.

Project Manager Signature

Date

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320 W 8th Street, Suite 100
Bloomington, IN 47404
P: 812.717.2554 | F: 812.333.3941
www.aztec.us

_____

Project Manager Name Printed

Zayo Bandwidth
9209 Castlegate Dr
Indianapolis, IN 46256

Date: April 02, 2018

Subject:

Utility Relocation Work Plan for:	Zayo Fiber Solutions
Facility Type:	Fiber

Section 1: General Information

A. Project Information

1.	Location:	17th Street, Bloomington Indiana
2.	Work Type:	Roadway Reconstruction & Multi-Use Path
3.	Letting Date:	August 1, 2018
4.	Date Work Plan Needed	February 12, 2018
5.	Target Date for Utility to be out of conflict with Project	August 1, 2018
	Intermediate Phase	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Waylon Higgins
2.	Office telephone:	
3.	Mobile telephone:	765-341-1199
4.	Email address:	Waylon.higgins@zayo.com
5.	Agency name	Zayo Fiber Solutions
6.	Address:	9209 Castlegate Drive
7.	City, State, Zip Code:	Indianapolis, IN 46256
8.	Construction Emergency Contact:	
	Name:	Zayo Network Control Center
	Number:	866-364-6033

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct

D. Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Mark Kaiser
2.	Office Telephone:	317-266-8000
3.	Mobile Telephone:	630-301-2132
4.	Email Address:	mkaiser@cbbel-in.com
5.	Agency Name:	Christopher Burke Engineering, LLC
6.	Address:	115 W Washington Street, Suite 1368 South
7.	City, State, Zip Code	Indianapolis, IN 46204

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.
Zayo has an active 144 count fiber Optic cable within the limits of the project

B. Describe the location of existing active and inactive facilities.
The 144 Fiber cable is located on Duke Energy poles on the north side of 17th St

C. Describe what will be done with existing active and inactive facilities.
Zayo will remain in place, and transfer to the new Duke poles that are indicated on the Duke Relocation plan.

D. Describe the details of the proposed new facilities.
No new facilities will be placed

E. Describe the proposed location of the new facilities.
Zayo's facilities will remain in place and contact the new Duke poles.

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on November 10, 2017.

Signature of Utility Representative Print Name Date

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]
Not Dependent

Section 4: A statement whether the utility is or is not willing to allow the contractor to do the required work as part of the roadway contract. [IAC 13-3-3(c) (3)]
Not willing

Section 5: From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	14
B.	The expected lead time in calendar days to obtain materials:	2
C.	The expected lead time in calendar days to schedule work crews:	14
D.	If the contractor is being selected by competitive bid what is the date of selection?	TBD
E.	The expected lead time in calendar days to obtain new property interests:	NA
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	5/01/2018
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	14

Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

1. Utility A, with a description of the required work.
   Zayo is dependent upon the completion of the Duke relocation plan prior to beginning their construction.

2. Utility B, with a description of the required work.

3. Utility C, with a description of the required work.

B. A statement whether the facility relocation is or is not dependent on work to be done by the City or the City's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

1. Work item A
   NA

2. Work item B

3. Work item C

C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction: 7 Days

D. The number of calendar days to complete the relocation work: 2 days

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document. **Included**

Signature of Utility Representative

04/02/2018
Date

Brian Cravens (Agent for Zayo)
Utility Representative Name Printed

Project Personnel use only below this point ----------Project Personnel use only below this point

The following sections are to be used by project personnel to review the utility relocation work plan.

Section 11: The designer shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	No	Initials
(1.a) is compatible with permit requirements	☐	☐	
(1.b) is compatible with the project plans	☐	☐	
(1.c) is compatible with the construction schedule	☐	☐	
(1.d) is compatible with other utility relocation work plans	☐	☐	
(2.a) has reasonable relocation scheme	☐	☐	

(**Note**: Double-click on box under Yes or No to mark it with an "X")

Comments on any sections (1.a – 2.a) that were marked No:

Utility Coordinator Signature _____ Date _____

Utility Coordinator Name Printed _____

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and found it acceptable.

Project Manager Signature _____ Date _____

Project Manager Name Printed _____