



CITY OF BLOOMINGTON UTILITIES

Engineering Department
www.bloomngton.in.gov/utilities/review

Date: **12/9/21**

Subject:

Utility Relocation Work Plan for:	City of Bloomington Utilities (CBU)
Facility Type:	Water and Sanitary Sewer

Section 1: General Information

A. INDOT/LPA Project Information

1.	DES NO.:	1900402
2.	Route Number:	17 th Street
3.	Location:	From 325' east of Monroe Street to Grant Street, Bloomington, IN
4.	Work Type:	Bike/Pedestrian Facilities
5.	Letting Date:	04/06/2022
6.	Date Work Plan Needed	12/15/2021
7.	Target Date for Utility to be out of conflict with INDOT Project	04/30/2022
	Intermediate Phase	NA
	Intermediate Phase	NA

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Jane Fleig, PE
2.	Office telephone:	(812)349-3631
3.	Mobile telephone:	N/A
4.	Email address:	fleigj@bloomington.in.gov
5.	Agency name	City of Bloomington Utilities
6.	Address:	600 E Miller Dr PO Box 1216
7.	City, State, Zip Code:	Bloomington, IN 47402
8.	Construction Emergency Contact:	
	12" water Name:	24-hr Operator
	Number:	(812) 339-1444

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 Riehle
2.	Office Telephone:	812-759-4144
3.	Mobile Telephone:	812-309-1625
4.	Email Address:	mriehle2@lochgroup.com
5.	Agency Name:	Lochmueller Group, Inc.
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of existing facilities within the project limits and any facility relocation that will be required. [IAC 13-3-3(c)]

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

The City of Bloomington Utilities has:

- 6”, 8”, 12”, 16” and 18” water mains and associated appurtenances (water valves, fire hydrants, water meters, water services lines, etc.)

- 8” and 10” gravity sanitary sewer mains and associated manholes.

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

Water infrastructure APPROXIMATELY as shown on the plans received from Lochmueller Group, Inc. on 10/7/21. PLEASE NOTE, the plans indicate the existing 16” water main on the south side of 17th St WAS NOT FIELD LOCATED, but appears to be based on the City’s GIS information. This means the accuracy of the information is not warranted and all utility infrastructure MUST BE field located prior to any construction activities.

Sewer infrastructure approximately as shown on the plans received from Lochmueller Group, Inc on 10/7/21.

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

Most of the existing water infrastructure MUST be protected during construction. The contractor must be extremely careful when working within 15’ of the existing 16” water main on the south side of 17th St. Contractor must notify CBU inspector at least 48 hours in advance of any work to be performed on the south side of 17th St.

Please note all stations reference Line “PR-A”.

CBU will relocate the existing water service line at approx. Sta 105+03 if it is in conflict with the proposed 12” storm pipe from Str No 12.

The existing water meter pit at approx. Sta 113+65 will be relocated north of the proposed Multi-Use Pedestrian Trail.

CBU will relocate the existing water service line at approx. Sta 117+19 if it is in conflict with the proposed 12” storm pipe from Str No 20. The existing water meter pit will either be adjusted to grade or relocated out of the proposed drive.

CBU will relocate the existing water service line at approx. Sta 118+36 if it is in conflict with the proposed 12" storm pipe from Str No 21.

CBU will either adjust to grade or relocate the existing water meter pit out of the proposed drive at approx. Sta 119+97.

CBU will relocate the existing water service line at approx. Sta 121+32 if it is in conflict with the proposed 12" storm pipe from Str No 28.

The existing water meter pit at approx. Sta 123+06 will be relocated north of the proposed Multi-Use Pedestrian Trail.

CBU will relocate the existing water service line at approx. Sta 126++85 if it is in conflict with the proposed 12" storm pipe from Str No 35.

The existing water meter pit at approx. Sta 127+50 will be relocated north of the proposed Multi-Use Pedestrian Trail.

The existing water meter pit at approx. Sta 128+92 will be relocated north of the proposed Multi-Use Pedestrian Trail.

The existing water meter pit at approx. Sta 129+72 will be relocated north of the proposed Multi-Use Pedestrian Trail.

CBU will pothole the existing 6" water mains at approx. Sta 131+69 and 131+77 and provide this information to Lochmueller if the proposed storm pipe from Str No 37 is found to be in conflict. *Please note that CBU will likely not be able to obtain this information until January or February of 2022 due to equipment issues.* Based on the revised plan sheets received from Lochmueller Group, Inc on 12/9/21, we believe the proposed storm sewer can be redesigned to be slightly deeper *if necessary* to eliminate the conflict with the existing water main(s).

CBU will relocate the existing water service line at approx. Sta 132+00 if it is in conflict with the proposed 12" storm pipe from Str No 40.

CBU will relocate the existing water service line at approx. Sta 142+12 if it is in conflict with the proposed 12" storm pipe from Str No 59. The existing water meter pit will be relocated north of the proposed Multi-Use Pedestrian Trail.

CBU will relocate the existing water service line at approx. Sta 142+68 if it is in conflict with the proposed 12" storm pipe from Str No 62. The existing water meter pit will be relocated north of the proposed Multi-Use Pedestrian Trail.

All sanitary sewer infrastructure to be protected during construction. The plans include some sanitary manholes that are to be adjusted to grade by the contractor. All work shall conform to City of Bloomington Utilities Construction Specifications.

- D. Describe the details of the proposed new facilities.
See Section 2C above.
- E. Describe the proposed location of the new facilities.
See Section 2C above.
- F. By signing here, the Utility has determined to the best of their ability that they have facilities within the

or the department's contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

- 1. Work item A
The Right of Way must be staked.
 - 2. Work item B
The location and elevation of the back of proposed Multi-Use Pedestrian Trail must be staked.
 - 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: 15 days
- D. The number of calendar days to complete the relocation work: 25 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, needs to be on INDOT Construction drawings. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

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)]

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)]

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:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A relocation permit from INDOT/LPA: NOT SURE	<input type="checkbox"/>	<input type="checkbox"/>

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



Signature of Utility Representative

12/9/21

Date

Jane Fleig, PE

Utility Representative Name Printed

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

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	N/A	Utility Coordinator Initials
(1.a) is compatible with department permit requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(1.b) is compatible with the project plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(1.c) is compatible with the construction schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(1.d) is compatible with other utility relocation work plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(2.a) has reasonable relocation scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(2.b) has a reasonable cost for compensable work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MR

(Note: Double-click on box under Yes or N/A to mark it with an "X")



Utility Coordinator Signature

12/16/2021

Date

Mark Riehle

Utility Coordinator Name Printed

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

I have reviewed the work plan and have been made aware of the schedule and budget.

Project Manager Signature (LPA Project – ERC Signature)

Date

Project Manager Name Printed (LPA Project – ERC Name Printed)