

ADDENDUM NO. 1

TO THE

DRAWINGS AND SPECIFICATIONS

FOR THE

17th & Dunn Intersection Improvements Project

Issued From: The City of Bloomington
Engineering Department
Post Office Box 100
401 North Morton Street, Suite #130
Bloomington, Indiana 47404

Issue Date: March 9, 2021

Letting Date: March 15, 2021

This Addendum No. 1 to the drawings and specifications shall supplement, amend and become a part of the Bid documents, plans, and specifications for the 17th & Dunn Intersection Improvements Project. All Bids and construction contracts shall be based on these modifications to the original contract documents. Bidders shall acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Item No. 1: The Work Plans and Notices to Proceed for all of the Utilities that are required to relocate facilities as part of the project have been attached to the Addendum. The relocation of the Vectren facilities is scheduled to take place while the contractor has the intersection closed to traffic. The Contractor shall coordinate with Vectren regarding relocation work schedule.

Item No. 2: The Maintaining Pedestrian Accessibility during Construction section of the Special Provisions has been updated. The updated sheet is attached to the Addendum. The Maintenance of Traffic detour page, Sheet 7, of the Plan Set, has been updated and the updated sheet is included in the Addendum. The quantity for Pay Item 85, Construction Sign, B, has been changed to 26 (Each). The quantity for Pay Item 87, Barricade, III-B, has been changed to 176.00 LFT. The Unit Price Sheet has been updated to reflect these changes and the updated sheet has been attached to this Addendum.

Item No. 3: All trees designated for removal per the plan set may be removed at any time during the project contract.

Item No. 4: The quantity for Pay Item 56, Landscape Stone, has been changed to 25.00 tons. The Unit Price Sheet has been updated to reflect this change and the updated sheet has been attached to this Addendum. The Landscape Stone Table on the Miscellaneous Tables page in the Plan Set has also been updated to reflect this change. The updated sheet is included in the Addendum.

	<p>CERTIFIED BY: <u>Andrew Cibor</u> <u>3/9/2021</u></p> <p>ANDREW CIBOR CITY ENGINEER CITY OF BLOOMINGTON, IN</p>
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Acknowledge receipt of the addendum by representing it on the Bid Form in Section B and submitting a signed copy with your quote proposal.

RECEIVED BY: CONTRACTOR (FIRM AND ADDRESS)

SIGNATURE: _____

DATE: _____

PRINTED NAME: _____

TITLE: _____



Project Title : 17th & Dunn Intersection Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
001	104-05404	DESIGN/BUILD (CURB RAMP)	LS	1.00		
002	105-06845	CONSTRUCTION ENGINEERING	LS	1.00		
003	110-01001	MOBILIZATION AND DEMOBILIZATION	LS	1.00		
004	201-02245	TREE 6 IN., REMOVE	EACH	4.00		
005	201-02250	TREE 10 IN., REMOVE	EACH	1.00		
006	201-02255	TREE 18 IN., REMOVE	EACH	1.00		
007	201-02260	TREE 30 IN., REMOVE	EACH	1.00		
008	201-52370	CLEARING RIGHT OF WAY	LS	1.00		
009	202-02272	PAVED SIDE DITCH, REMOVE	LFT	101.00		
010	202-02279	CURB AND GUTTER, REMOVE	LFT	714.00		
011	202-52710	SIDEWALK, CONCRETE, REMOVE	SYS	407.00		
012	202-90747	RETAINING WALL, REMOVE	LFT	65.00		
013	202-91385	INLET, REMOVE	EACH	2.00		
014	202-93047	MANHOLE, REMOVE	EACH	1.00		
015	202-93615	CONCRETE, REMOVE	SYS	2.00		
016	202-96128	GUTTER, CONCRETE, REMOVE	LFT	247.00		
017	202-96133	PIPE, REMOVE	LFT	150.00		
018	203-02000	EXCAVATION, COMMON	CYS	365.00		
019	203-02070	BORROW	CYS	55.00		
020	205-03371	SEDIMENT, REMOVE	CYS	10.00		
021	205-06933	TEMPORARY INLET PROTECTION	EACH	15.00		
022	205-06934	TEMPORARY MULCH	TON	1.00		
023	205-06937	TEMPORARY SILT FENCE	LFT	505.00		
024	205-08594	FILTER SOCK	LFT	10.00		
025	205-09543	NO. 2 STONE	TON	50.00		
026	205-11591	TEMPORARY SEED MIXTURE	LBS	45		
027	207-08264	SUBGRADE TREATMENT, TYPE II	SYS	286		
028	207-08268	SUBGRADE TREATMENT, TYPE IV	SYS	844		
029	211-09265	STRUCTURE BACKFILL TYPE 2	CYS	146		

Project Title : 17th & Dunn Intersection Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
030	211-09266	STRUCTURE BACKFILL TYPE 3	CYS	74.00		
031	211-09267	STRUCTURE BACKFILL TYPE 4	CYS	74.00		
032	214-12237	GEOTEXTILE FOR PAVEMENT, TYPE IB	SYS	169.00		
033	301-12234	COMPACTED AGGREGATE, NO. 53	CYS	257.00		
034	305-07464	PCC BASE PATCHING, 9 IN	SYS	122.00		
035	306-08034	MILLING, ASPHALT, 1 1/2 IN.	SYS	2344.00		
036	401-XXXXX	HMA, TYPE B, SURFACE	TON	274.00		
037	401-XXXXX	HMA, TYPE B, INTERMEDIATE	TON	548.00		
038	401-XXXXX	HMA, TYPE B, BASE	TON	140.00		
039	401-10258	JOINT ADHESIVE, SURFACE	LFT	1962.00		
040	401-10259	JOINT ADHESIVE, INTERMEDIATE	LFT	1830.00		
041	401-11785	LIQUID ASPHALT SEALANT	LFT	1962.00		
042	406-05520	ASPHALT FOR TACK COAT	TON	2.00		
043	601-02241	GUARDRAIL, REMOVE	LFT	48.00		
044	604-06070	SIDEWALK, CONCRETE	SYS	580.00		
045	604-08086	CURB RAMP, CONCRETE	SYS	140.00		
046	604-12083	DETECTABLE WARNING SURFACES	SYS	19.00		
047	604-95344	HAND RAIL, PEDESTRIAN	LFT	295.00		
048	605-06120	CURB, CONCRETE	LFT	196.00		
049	605-06155	CURB & GUTTER, CONCRETE, MODIFIED	LFT	1413.00		
050	610-07487	HMA FOR APPROACHES, TYPE B	TON	19.00		
051	610-09108	PCCP FOR APPROACHES, 9 IN.	SYS	238.00		
052	615-06527	MONUMENT, SECTION CORNER	EACH	1.00		
053	621-01004	MOBILIZATION/DEMOBILIZATION SEEDING	EACH	1.00		
054	621-06545	FERTILIZER (FOR TEMPORARY SEEDING)	TON	0.10		
055	621-06567	WATER	KGAL	6.00		
056	621-XXXXX	LANDSCAPING STONE	TON	25.00		
057	621-06570	TOPSOIL	CYS	60.00		
058	621-06575	SODDING, NURSERY	SYS	1349.00		
059	622-05650	PLANT, DEC. TREE, SINGLE STEM, 2 IN. TO 2.5	EACH	5.00		
060	702-44240	CONCRETE A, STRUCTURES	CYS	2.40		
061	715-05048	PIPE, TYPE 4, CIRCULAR, 6 IN.	LFT	292.00		
062	715-05053	PIPE, UNDERDRAIN OUTLET, 6 IN.	LFT	16.00		
063	715-05149	PIPE, TYPE 2, CIRCULAR, 12 IN.	LFT	92.00		
064	715-05151	PIPE, TYPE 2, CIRCULAR, 15 IN.	LFT	53.00		
065	715-05154	PIPE, TYPE 2, CIRCULAR, 24 IN.	LFT	134.00		
066	715-05331	PIPE, TYPE 2, DEFORMED, MIN. AREA 3.3 SFT	LFT	100.00		
067	715-09064	VIDEO INSPECTION FOR PIPE	LFT	395.00		

Project Title : 17th & Dunn Intersection Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
068	715-46020	PIPE END SECTION, DIAMETER, 24 IN.	EACH	1.00		
069	715-92537	PIPE PVC 8 IN.	LFT	16.00		
070	718-04986	CLEANOUT	EACH	1.00		
071	720-02442	PIPE, PLUG EXISTING	EACH	3.00		
072	720-04682	INLET (G4)	EACH	1.00		
073	720-04682	INLET (F4)	EACH	1.00		
074	720-44000	CASTING, ADJUST TO GRADE, INLET & MANH.	EACH	4.00		
075	720-44045	CASTING, 8, FURNISH, ADJUST TO GRADE	EACH	1.00		
076	720-45045	INLET, J10	EACH	4.00		
077	720-45055	INLET, M10	EACH	1.00		
078	720-45410	MANHOLE, C4	EACH	3.00		
079	720-90349	MANHOLE, C8	EACH	4.00		
080	732-11810	MODULAR BLOCK WALL	SFT	2867.00		
081	732-11811	MODULAR BLOCK WALL ERECTION	SFT	2867.00		
082	801-04308	ROAD CLOSURE SIGN ASSEMBLY	EACH	4.00		
083	801-06625	DETOUR ROUTE MARKER ASSEMBLY	EACH	23.00		
084	801-06640	CONSTRUCTION SIGN, A	EACH	4.00		
085	801-06645	CONSTRUCTION SIGN, B	EACH	26.00		
086	801-06775	MAINTAINING TRAFFIC	LS	1.00		
087	801-07119	BARRICADE, III-B	LFT	176.00		
088	802-05701	SIGN POST, SQUARE, 1, RNFRCD ANCHR BSE	LFT	78.00		
089	802-07058	SIGN, SHEET, ASSEMBLY, RELOCATE	EACH	3.00		
090	802-07060	SIGN, SHEET, RELOCATE	EACH	5.00		
091	802-09838	SIGN, SHEET, WITH LEGEND, 0.080 IN.	SFT	23.00		
092	802-09840	SIGN, SHEET, WITH LEGEND, 0.100 IN.	SFT	14.00		
093	802-09842	SIGN, SHEET, WITH LEGEND, 0.125 IN.	SFT	19.00		
094	805-01300	TRAFFIC SIGNAL EQUIPMENT, REMOVE	EACH	1.00		
095	805-01842	HANDHOLE SIGNAL TYPE 1	EACH	5.00		
096	805-01844	CONDUIT, STEEL, GALVANIZED, 2 IN.	LFT	60.00		
097	805-02150	PEDESTRIAN SGNL HD, COUNTDOWN 18 IN.	EACH	8.00		
098	805-02445	CNTRLR & CBNT, P1, W/ UPS ATTCHD CBNT	EACH	1.00		
099	805-02645	SGNL POLE FNDTN 24 IN. X 24 IN. X 36 IN.	EACH	7.00		
100	805-04782	VIDEO VEHICLE DETECTOR SYSTEM	EACH	1.00		
101	805-05405	SGNL POLE, PDDL, 4 FT., PAINTED BLACK	EACH	7.00		
102	805-11387	SGNL CNTLVR STRC, SPRD FTNG FNDTN, C	EACH	4.00		
103	805-11437	SGNL CNTLVR STRC SNGL ARM CMB ARM LM	EACH	4.00		
104	805-11815	CONDUIT, HDPE, 2 IN. SCHEDULE 80	LFT	1300.00		
105	805-11817	PEDESTRIAN PUSH BUTTON, APS	EACH	8.00		

Project Title : 17th & Dunn Intersection Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
106	805-78205	TRAFFIC SIGNAL HEAD, 3 SECTION, 12 IN.	EACH	8.00		
107	805-78225	TRAFFIC SIGNAL HEAD, 4 SECTION, 12 IN.	EACH	3.00		
108	805-78445	SIGNAL SERVICE	EACH	1.00		
109	805-78467	SIGNAL CABLE, SERVICE, COPPER 3C/8 GA	LFT	210.00		
110	805-78480	SIGNAL CABLE, SERVICE, COPPER, 3C/14 GA	LFT	1300.00		
111	805-78485	SIGNAL CABLE, SERVICE, COPPER, 5C/14 GA	LFT	240.00		
112	805-78490	SIGNAL CABLE, SERVICE, COPPER, 7C/14 GA	LFT	810.00		
113	805-78495	SIGNAL CABLE, SERVICE, COPPER, 9C/14 GA	LFT	740.00		
114	805-78925	CONTROLLER CABINET FOUNDATION, P1	EACH	1.00		
115	805-XXXXX	MODIFY EXIST. SGNL CABNT & FNDTN, P1	LS	1.00		
116	805-XXXXX	AI-500-02 SRS GLNC PRE-EMPT & PRY FLD MNT	EACH	1.00		
117	807-86910	CONNECTOR KIT, UNFUSED	EACH	4.00		
118	807-86915	CONNECTOR KIT, FUSED	EACH	1.00		
119	807-95709	PHOTOCELLS	EACH	1.00		
120	807-95889	WIRE, NO. 10 COPPER, 1/C	LFT	2560.00		
121	808-03439	TRNVRS MRKNGS THRMPLSTC CRSWLK WHT 24"	LFT	329.00		
122	808-06703	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.	LFT	239.00		
123	808-75245	LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.	LFT	1856.00		
124	808-75297	TRNSVRS MRKNG, THRMPLSTC, STOP LINE, 24 IN.	LFT	86.00		
125	808-75320	ARRW	EACH	5.00		

TOTAL PROJECT BID:



Date: February 12, 2019

Subject:

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

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	NA
2. Route Number:	E. 17 th Street
3. Location:	Intersection of 17 th Street and Dunn Street
4. Work Type:	Intersection Improvements
5. Letting Date:	Summer 2019
6. Date Work Plan Needed	April 2019
7. Target Date for Utility to be out of conflict with City Project	Summer 2019

B. Utility Designated Contact – Information

1. Designated Contact Name:	Chris Yax
2. Office telephone:	248.926.3619
3. Mobile telephone:	989.213.6847
4. Email address:	Christopher.yax@leidos.com
5. Agency name	Duke Energy
6. Address:	1250 N. Pontiac Trail
7. City, State, Zip Code:	Walled Lake, MI 48390
8. Construction Emergency Contact:	
Name:	Chris Yax
Number:	989.213.6847

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:	Michael Walsh
2.	Office Telephone:	812-479-6200
3.	Mobile Telephone:	812-774-7541
4.	Email Address:	mwalsh@lochgroup.com
5.	Agency Name:	Lochmueller Group
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of the facility relocation that will be required.

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

There is an existing OH pole line with two 12kv, 3 phase distribution circuits along the East side of N Dunn Street. There is a 3 phase spur from the OH pole 168-584 northeast of the intersection of 17th & Dunn spanning to the West across Dunn Street to pole 131-216 northwest of the intersection feeding the convenience store. See Duke Energy drawing Exhibit A dated 10/10/2020.

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 OH pole line with two 12kv, 3 phase distribution circuits along the East side of N Dunn Street. There is a 3 phase spur from the OH pole 168-584 northeast of the intersection of 17th & Dunn spanning to the West across Dunn Street to pole 131-216 northwest of the intersection feeding the convenience store. See Duke Energy drawing Exhibit A dated 10/10/2020.

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.

Duke energy will be relocating the pole feeding the convenience store outside of the new construction, 80' northwest from its existing location. One of the flood lights mounted on 161-216 will be relocated to the north side of the parking lot to pole 175-599. Pole 168-854 northeast of the intersection will be replaced with a taller pole and relocated 3' west. The span between 168-584 & 161-216 will be removed. Pole 168-585 north of 168-584 will be replaced with a taller pole.

D. Describe the details of the proposed new facilities.

Pole MNI9978 will be installed at the southwest corner of the convenient mart within right of way, which is northwest of the intersection of N Dunn Street and E 17th Street. A 3 Phase overhead 12kv slack span will be ran to pole MNI9981 25' east & 60' south of 168-584. A 3 phase 120/240V underground secondary line will be run from MNI9981 to MNI9978 maintaining 8' depth to be out of the way of storm pipes and the retaining wall construction. A taller pole will replace 168-584 & 168-584.



E. Describe the proposed location of the new facilities.

Pole MNI9978 will be installed at the southwest corner of the convenient mart within right of way, which is northwest of the intersection of N Dunn Street and E 17th Street. A 3 Phase overhead 12kv slack span will be ran to pole MNI9981 25' east & 60' south of 168-584. A 3 phase 120/240V underground secondary line will be run from MNI9981 to MNI9978 maintaining 8' depth to be out of the way of storm pipes and the retaining wall construction. A taller pole will replace 168-584 & 168-584. The replacement of 168-584 with a taller pole will allow the installation of the street light on top of the signal arm on the northeast corner. The light on the south east corner will need to wait until the line has been transferred to the proposed transmission pole to the south of the intersection. The signal light owner is responsible for making the order to reconnect the service to pole MNI9978 as well as running the cable to the proposed pole.

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

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 INDOT 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 an INDOT OR 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:	0 Days
B.	The expected lead time in calendar days to obtain materials:	60
C.	The expected lead time in calendar days to schedule work crews (Scheduling is not included within the Pre-Construction Activity time line below):	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:	INDOT to obtain all ROW
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	Material Reservation Contingent on Work Plan Approval. Scheduling Contingent on Notice to Proceed
G.	The total number of calendar days for pre-construction activities (accounting for concurrent activities) and not including Scheduling of Construction crews:	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)]

No attached utilities present.

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

Work item A

INDOT or 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

INDOT OR LPA will work closely with Duke Energy to safely clear all trees, shrubs and structures (from sky to ground) at INDOT OR 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

INDOT OR LPA will notify Duke Energy after staking (A or B):

A. INDOT OR LPA ROW limits every 200 ft with station identification before relocation construction begins. DUKE ENERGY WILL NEED THE ROW STAKED ALONG THE NORT SIDE OF E 17TH STREET WEST OF N DUNN STREET

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

Work item D

INDOT OR LPA will provide signed copies of all reimbursement agreements before Relocation construction begins. NOT APPLICABLE



Work item E

INDOT OR LPA will provide Duke Energy a “Signed” work plan on or before as the ready for contracts date.

Work item F

INDOT OR 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 OR LPA immediately. Because time is of the essence, the INDOT OR 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 OR 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 INDOT OR LPA and Duke Energy Indiana, the earliest date when Duke Energy Indiana could begin construction.

- 1.) **If the INDOT OR LPA ROW staking and clearing is contained in the INDOT OR LPA’s construction contract, Duke Energy Indiana will begin construction within 60 days after Duke Energy Indiana has received from INDOT or LPA both a “Notice to Proceed” (confirming the staking and clearing has been completed) and a fully executed Work Plan.**

If the INDOT OR LPA ROW staking and clearing is let as a separate contract, Duke Energy Indiana will begin construction within 60 days after Duke Energy Indiana has received from INDOT or 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 120 days from the most current published letting date, the INDOT OR 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 OR LPA, to provide to the INDOT OR 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: **90 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)].

See Exhibit 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)]

An Estimate will be provided for Reimbursable Projects only per IAC Rule.



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:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A relocation permit from INDOT/LPA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Chris Yax

10/10/2020

Submitter Signature

Date

Chris Yax

Submitter Name Printed



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

(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:

Reviewer Signature

Date

Reviewer Name Printed

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

I have reviewed the work plan and found it acceptable.

Nicholas Will

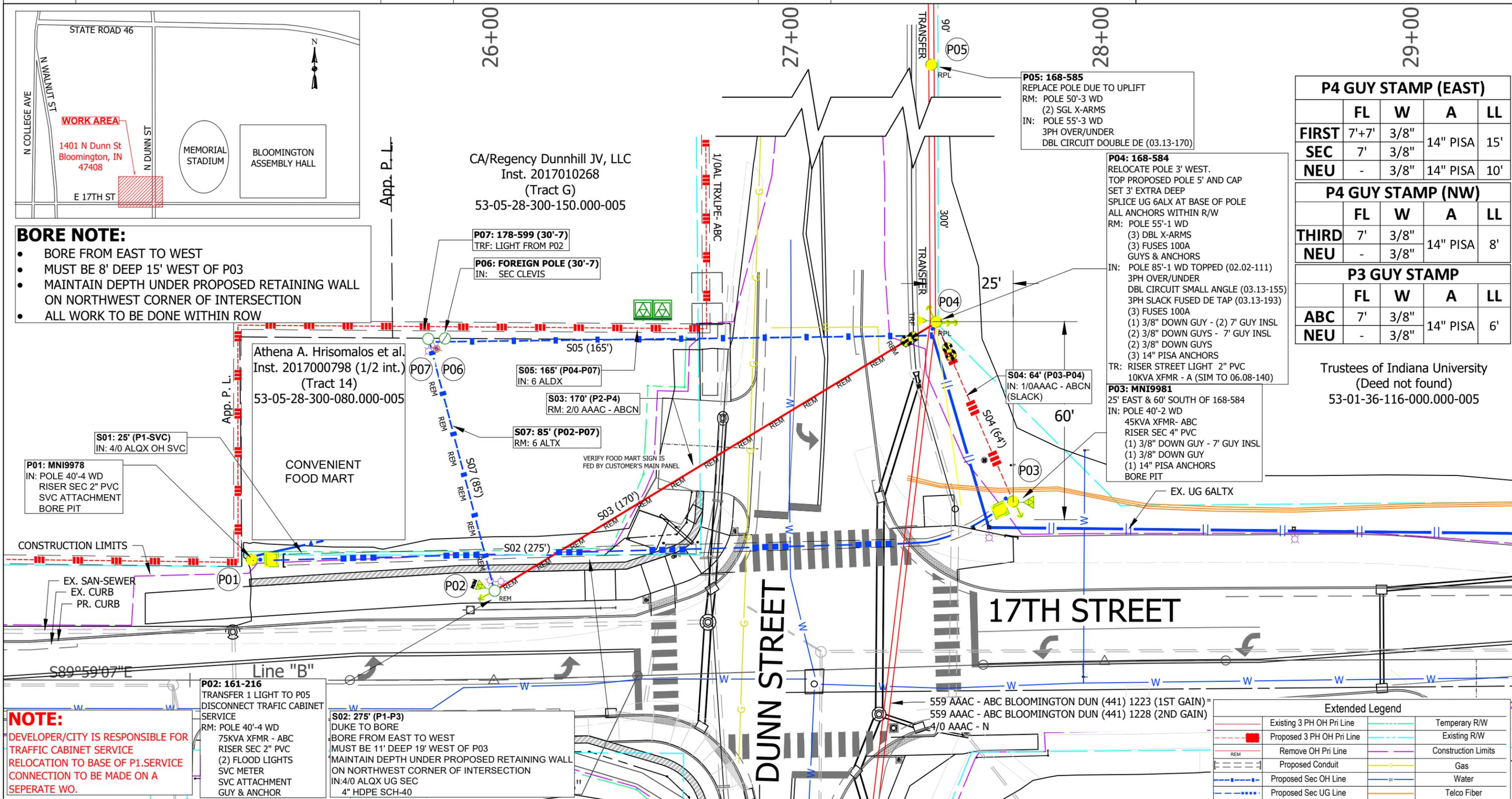
02/10/2021

Project Manager Signature

Date

Nicholas Will

Project Manager Name Printed



BORE NOTE:

- BORE FROM EAST TO WEST
- MUST BE 8' DEEP 15' WEST OF P03
- MAINTAIN DEPTH UNDER PROPOSED RETAINING WALL ON NORTHWEST CORNER OF INTERSECTION
- ALL WORK TO BE DONE WITHIN ROW

NOTE:

DEVELOPER/CITY IS RESPONSIBLE FOR TRAFFIC CABINET SERVICE RELOCATION TO BASE OF P1. SERVICE CONNECTION TO BE MADE ON A SEPERATE WO.

P4 GUY STAMP (EAST)

	FL	W	A	LL
FIRST SEC	7'+7'	3/8"	14" PISA	15'
NEU	-	3/8"	14" PISA	10'

P4 GUY STAMP (NW)

	FL	W	A	LL
THIRD SEC	7'	3/8"	14" PISA	8'
NEU	-	3/8"	14" PISA	8'

P3 GUY STAMP

	FL	W	A	LL
ABC SEC	7'	3/8"	14" PISA	6'
NEU	-	3/8"	14" PISA	6'

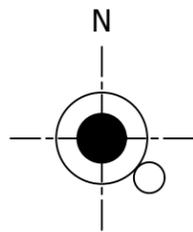
Trustees of Indiana University
(Deed not found)
53-01-36-116-000.000-005

Extended Legend

	Existing 3 PH OH Pri Line		Tempary R/W
	Proposed 3 PH OH Pri Line		Existing R/W
	Remove OH Pri Line		Construction Limits
	Proposed Conduit		Gas
	Proposed Sec OH Line		Water
	Proposed Sec UG Line		Telco Fiber

	Upstream Protection		Safety Reminders / Adverse Conditions		REMEMBER: Work zone area conditions may have changed for this job. Everyone is responsible for verifying the safety information is correct prior to any work being performed each day.	Other Project Notes
	BREAKER AT SUB: BLOOMINGTON DUNN ST (441) (12.47/7.2kV)		Remember "Your Circle of Safety"			TRAFFIC FLAGGING REQUIRED
	515 E 13TH ST BLOOMINGTON, IN 47408		ALL LOCATIONS TRUCK ACCESSIBLE			CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, INVERTS, AND GRADES PRIOR TO CONSTRUCTION

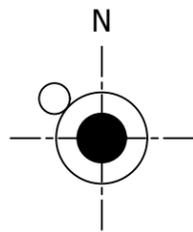
NW OF 17TH & DUNN
BLOOMINGTON, IN 47408



P01 40'-4 INSTALL

INSTALL SECONDARY RISER

NE OF 17TH & DUNN
BLOOMINGTON, IN 47408



P03 40'-2 INSTALL

INSTALL SECONDARY RISER

GENERAL NOTES:

- DUCT PROJECTILE SHALL BE BLOWN THROUGH EACH DUCT TO VERIFY MINIMUM OPENING.
- ALL HORIZONTAL BENDS TO BE A 10' RADIUS AND ALL VERTICAL BENDS TO BE A 5. RADIUS UNLESS OTHERWISE SPECIFIED.
- DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- CONTRACTOR MUST FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, INVERTS , AND GRADES PRIOR TO CONSTRUCTION.
- ALL PROPOSED ROW AND STORM INSTALLS TO BE STAKED PRIOR TO CONSTRUCTION.
- CONDUITS TO MAINTAIN 12" HORIZONTAL SEPARATION WHEN NOT ENCASED IN CONCRETE.
- CONDUITS TO MAINTAIN 18" VERTICAL SEPARATION WHEN NOT INCASED IN CONCRETE.
- PRIMARY CONDUIT TRENCH TO BE INSTALLED AT 36" BELOW GRADE MINIMUM, UNLESS OTHERWISE NOTED.
- DIRECTIONAL BORING CONDUIT TO BE INSTALLED AT 48" BELOW GRADE MINIMUM.
- BEWARE OF EXISTING FACILITIES IN THE WORK ZONE: GAS, SEWER, SANITARY, STORM, AND COMMUNICATIONS.

BORE NOTES:

- BORE FROM EAST TO WEST
- MUST BE 8' DEEP 19' WEST OF P03
- MAINTAIN DEPTH UNDER PROPOSED RETAINING WALL ON NORTHWEST CORNER OF INTERSECTION
- ALL WORK TO BE DONE WITHIN ROW

CONSTRUCTION SEQUENCE:

1. DIRECTIONAL BORE NEW CABLE
2. INSTALL POLES & EQUIPMENT
3. TRANSFER PRIMARY
4. TRANSFER SERVICE AND STREET LIGHT FEED
5. REMOVE POLES

PERMITS REQUIRED:

- NONE

BACKFILL:

- BACKFILL WITHIN 12 INCHES OF CONDUIT SHALL BE SAND AND FREE OF ROCK OR MATERIAL THAT MAY DAMAGE CONDUIT
- THE REMAINING BACKFILL SHOULD BE FREE OF MATERIAL GREATER THAN FOUR INCHES IN MAXIMUM DIMENSION.

COMPACTION:

- BACKFILL MUST BE ADEQUATELY COMPACTED. BACKFILL SHALL BE COMPACTED SUCH THAT WASHING AND SETTLING OF THE TRENCH SURFACE WILL NOT OCCUR. ADDITIONAL BUILDUP OF THE BACKFILL MAY BE NECESSARY TO PREVENT SETTLING. FINAL SUFACE COMPACTION SHALL LIMIT THE AMOUNT OF SETTLING TO 1/3" OF LESS. ANY REWORK OF THE TRENCH IS THE RESPONSIBILITY OF THE INSTALLER.
- MACHINE COMPACTION SHALL NOT BE USED WITHIN SIX INCHES OF CABLE OR CONDUIT.
- WHEN MACHINE COMPACTION IS REQUIRED, TRENCHES SHALL BE BACKFILLED BY ALTERNATING FILL AND TAMPING THE FIRST 12 INCHES IN EACH ADDITIONAL 12 INCH INCREMENT.

	General Information		Work Order Information					Circuit Information		Duke Energy Legend					INDEX	12kV DISTRIBUTION LINES	
	INDOT DES #	N/A	Distribution			OU / Center	Distribution		Existing Duke Pole	Existing Downguy	DETAIL		CORNER OF 17TH & DUNN STREET				
	17TH & DUNN STREET		Emax #	Project Code		**Unknown**	BLOOMINGTON DUNN ST (441) 1223		Proposed Duke Pole	Proposed Downguy	DATE	10/10/2020	LOCATION		39.179071°, -86.528685°		
	INTERSECTION IMPROVEMENT		36012182	**Unknown**		**Unknown**	BLOOMINGTON DUNN ST (441) 1228		Remove Duke Pole	Distribution Line	DRAWN	Chris Yax			PHONE	(248) 926-3619	
	CITY OF BLOOMINGTON		Transmission					Transmission		Existing Foreign Pole	Secondary Line	ELECTRIC TRANSMISSION & DISTRIBUTION LINE ENGINEERING			APPROVAL SIGNATURE	DWG NO	SHEET 1 OF 2
MONROE COUNTY, IN		Emax #	Install	Remove	OH Maint.	UG Maint.	OU / Center	N/A	Overhead Light								
BLOOMINGTON TOWNSHIP							N/A		Remove Foreign Pole								



02/10/2021

Chris Yax
Leidos representing Duke Energy
1250 N. Pontiac Trail
Walled Lake, MI 48390

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Mr. Yax

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

Nick Will
Utility Coordinator

Cc: File

Date: November 12, 2020

Subject:

Utility Relocation Work Plan for:	AT&T
Facility Type:	Communication

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	NA
2. Route Number:	E. 17 th Street
3. Location:	Intersection of 17 th Street and Dunn Street
4. Work Type:	Intersection Improvements
5. Letting Date:	December 2020
6. Date Work Plan Needed	November 2020
7. Target Date for Utility to be out of conflict with City Project	Spring 2021

B. Utility Designated Contact – Information

1. Designated Contact Name:	Russell Owen
2. Office telephone:	812-334-4629
3. Mobile telephone:	812-606-2973
4. Email address:	ro1325@att.com
5. Agency name	AT&T
6. Address:	4517 E Indiana Bell Ct
7. City, State, Zip Code:	Bloomington In 47408
8. Construction Emergency Contact:	
Name:	Domenic Ferlaino
Number:	317-525-1472

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:	Nicholas Will
2.	Office Telephone:	812-479-6200
3.	Mobile Telephone:	812-306-6272
4.	Email Address:	nwill@lochgroup.com
5.	Agency Name:	Lochmueller Group
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of the facility relocation that will be required.

- A. Describe what types of existing active and inactive facilities are present. AT&T has an aerial copper 25 pair cable and 1 service wire

- B. Describe the location of existing active and inactive facilities. The existing AT&T 25 pair cable is dead ended on Duke Energy pole AT&T # 1402 – Duke #168/584 on Northeast corner of Dunn St and 17th St and heads to the North. The service wire is aerial over N Dunn St to a pole on the west side and feed the convenient food mart.

- C. Describe what will be done with existing active and inactive facilities. The aerial 25 pair will be transferred to the new proposed Duke Energy pole as well as the service drop.

- D. Describe the details of the proposed new facilities. There are no new facilities required

- E. Describe the proposed location of the new facilities. All existing facilities will be transferred to the new Duke Energy pole.

- 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 **<Enter Date Received Plans>**

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: The Utility Construction Scheduling Information.

- 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.
 - 1. Utility A, with a description of the required work. The aerial transfer work is dependent on Duke Energy placing the proposed pole.
 - 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 department or the department’s contractor with a description of that work.
 - 1. Work item A N/A
 - 2. Work item B
 - 3. Work item C

- C. How many calendar days after the notice to proceed can the utility begin construction: 10

- D. The number of calendar days to complete the relocation work: 10

Section 4: 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. Plans must be attached to this Work Plan Document. See Duke Energy Relocation Plan.

Section 5: The implementation of this approved work plan is dependent upon the issuance of a notice to proceed.

Russell Owen

11/12/2020

Signature of Utility Representative

Date

Russell Owen

Utility Representative Name Printed

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

(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:

Reviewer Signature

Date

Reviewer Name Printed

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

I have reviewed the work plan and found it acceptable.

Nicholas Will

Project Manager Signature

02/10/2021

Date

Nicholas Will

Project Manager Name Printed



02/10/2021

Russell Owen
A&T
4517 E Indiana Bell Ct
Bloomington, In 47408

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Mr. Owen

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

Nick Will
Utility Coordinator

Cc: File



CITY OF BLOOMINGTON UTILITIES

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

Date: **February 9, 2021**

Subject:

Utility Relocation Work Plan for:	City of Bloomington Utilities
Facility Type:	Water, Sanitary Sewer and Storm Sewer

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	NA
2. Route Number:	E. 17 th Street
3. Location:	Intersection of 17 th Street and Dunn Street
4. Work Type:	Intersection Improvements
5. Letting Date:	Summer 2021
6. Date Work Plan Needed	January 2021
7. Target Date for Utility to be out of conflict with City Project	Summer 2021

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:	fleig@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:	
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:	Nicholas Will
2.	Office Telephone:	812-479-6200
3.	Mobile Telephone:	812-306-6272
4.	Email Address:	nwill@lochgroup.com
5.	Agency Name:	Lochmueller Group
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of the facility relocation that will be required.

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

1½”, 16” and 20” water mains and associated appurtenances including valves, fire hydrants and water meters.

8” sanitary sewer mains and associated appurtenances including manholes.

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

1½” water main on north side of 17th St from Dunn St to approx. 106’ west (this is shown in our GIS but we will need to verify and relocate if necessary)
16” water main in 17th St, approx. in the south travel lane at west project limits then jogging to approx. the center of 17th St at Dunn St intersection.
20” water main on the south side of 17th St from the Dunn St intersection to the east project limits.
16” water main approx. in the middle of Dunn St from the 17th St intersection to the south project limits
18” water main approx. in the middle of Dunn St from the 17th St intersection to the north project limits.

8” sanitary sewer in the middle of 17th St from approx Sta 25+00 Line “B” continuing to the west.
8” sanitary sewer in the middle of 17th St from approx the center of the intersection continuing east.
8” sanitary sewer on the east side of Dunn St from approx the center of the intersection continuing south.

Various storm sewer infrastructure approx as shown on the plans received from Lochmueller Group on 1/29/21.

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

All water mains and most associated appurtenances to remain in place.

1½” water main on north side of 17th St from Dunn St to approx. 106’ west is shown in our GIS but we will need to verify and will relocate if necessary.

Fire hydrant at approx. Sta 15+79 Line “S-1-B” Lt to be relocated to the east side of the proposed sidewalk if possible (storm sewer crossing may prohibit). If this is not possible, we will try to relocate

on the west side of the proposed sidewalk, depending on the location of other utilities.

Water meters to be adjusted to grade if necessary during construction.

Please note the existing water service line from the water meter at approx Sta 26+10 Line "B" Lt to the building at 1401 N Dunn St may be in conflict with the proposed retaining wall. This section of the water service line is private and will have to be addressed by the contractor.

All sanitary sewer mains and manholes to remain in place. Contractor to adjust castings to grade per Construction Specifications for the City of Bloomington Utilities.

Storm sewer infrastructure to be removed and replaced as shown on the plans received from Lochmueller Group on 1/29/21.

D. Describe the details of the proposed new facilities.

N/A

E. Describe the proposed location of the new facilities.

See C above.

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 <Enter Date Received Plans>

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: The Utility Construction Scheduling Information.

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.

1. Utility A, with a description of the required work.
Need to know if the existing gas main at approx Sta 15+79 Line "S-1-B" Lt is to be relocated.

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 department or the department's contractor with a description of that work.

1. Work item A
**The location and elevation of the planned back of curb and walk at approx Sta 15+79 Line "S-1-B"
It must be staked prior to the relocation of the existing fire hydrant.**
 2. Work item B
 3. Work item C
- C. How many calendar days after the notice to proceed can the utility begin construction: **14 days**
- D. The number of calendar days to complete the relocation work:**3 days**

Section 4: 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. Plans must be attached to this Work Plan Document.

Section 5: The implementation of this approved work plan is dependent upon the issuance of a notice to proceed.



Signature of Utility Representative

2/9/21

Date

Jane Fleig

Utility Representative Name Printed

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

(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:

Reviewer Signature

Date

Reviewer Name Printed

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

I have reviewed the work plan and found it acceptable.

Nicholas Will

Project Manager Signature

02/10/2021

Date

Nicholas Will

Project Manager Name Printed



02/10/2021

Jane Fleig, PE
City of Bloomington Utilities
600 E Miller Dr
PO Box 1216
Bloomington, In 47402

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Ms. Fleig

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

Nick Will
Utility Coordinator

Cc: File

Nicholas Will

From: Mcartor, Steve <Steve_Mcartor@comcast.com>
Sent: Tuesday, November 24, 2020 2:29 PM
To: Nicholas Will
Subject: RE: Bloomington Intersection Project Utility Coordination - 17th/Dunn Street - Work Plan Request

Follow Up Flag: Follow up
Flag Status: Flagged

Good day will

Comcast will transfer over to the new duke pole 168-584 and 168-585.and stay in place after duke has completed there work .

From: Nicholas Will <NWill@lochgroup.com>
Sent: Thursday, November 5, 2020 6:49 PM
To: Mcartor, Steve <Steve_Mcartor@cable.comcast.com>
Subject: [EXTERNAL] RE: Bloomington Intersection Project Utility Coordination - 17th/Dunn Street - Work Plan Request

Hey Steve

My name is Nick Will. Mike Walsh is no longer with Lochmueller Group and I am trying to finish up utility coordination on the 17th and Dunn Intersection Improvement Project in Bloomington. I noticed on the attached work plan document that Comcast has existing coax cable and fiber on Duke Powers at the intersection. At that time Duke's pole in the north east corner was staying in place. Since then their work plan has been revised and it is being moved. I have attached the work plan from Duke for your reference.

I would greatly appreciate your help in reviewing Duke's Work Plan as soon as possible and revising the work plan. The City is planning on putting the intersection project out for Bid this Winter with the major intersection construction being completed over the Summer of 2021.

Nicholas Will, PE
Project Manager - Associate

Lochmueller Group

812.759.4159 (direct) | 812.306.6272 (mobile)

NWill@lochgroup.com

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From: Mcartor, Steve <Steve_Mcartor@comcast.com>
Sent: Thursday, February 14, 2019 3:42 PM
To: Walsh, Michael <MWalsh@lochgroup.com>
Subject: FW: Bloomington Intersection Project Utility Coordination - 17th/Dunn Street - Work Plan Request

[Here you go work plan](#)

From: Templeton, Scott (Indiana)
Sent: Thursday, February 14, 2019 2:16 PM
To: Mcartor, Steve <Steve_Mcartor@comcast.com>; Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>
Cc: Walters, James <James_Walters@comcast.com>
Subject: FW: Bloomington Intersection Project Utility Coordination - 17th/Dunn Street - Work Plan Request

Adding Steve Mcartor

Scott Templeton
Southern Indiana and Kentucky Area Supervisor
1600 West Fountain Drive
Bloomington In 47404

TX 812-822-3262

From: Dalton, Rhonda (Contractor)
Sent: Thursday, February 14, 2019 1:30 PM
To: [IND -- Sup - Construction] <IND_Sup_Construction@comcast.com>
Cc: Schulter, Bob <Bob_Schulter@comcast.com>; Walters, James <James_Walters@comcast.com>
Subject: FW: Bloomington Intersection Project Utility Coordination - 17th/Dunn Street - Work Plan Request

Good Afternoon Everyone;

Please see the email below and 3 attachments for Bloomington, Indiana for assistance in resolving.
Thank you so very much,
Rhonda

From: Walsh, Michael [<mailto:MWalsh@lochgroup.com>]
Sent: Tuesday, February 12, 2019 2:25 PM
To: Mcartor, Steve <Steve_Mcartor@comcast.com>; Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>
Subject: [EXTERNAL] RE: Bloomington Intersection Project Utility Coordination - 17th/Dunn Street - Work Plan Request

Steve,

Attached you will find a letter requesting a Work Plan, a Work Plan template, and the preliminary final plans for the intersection project at 17th and Dunn Street. Please provide all information requested in the letter. The City of Bloomington has put the other intersection (17th and Kinser Pike/Madison Street) on hold for the time being, so we only need to worry about the 17th and Dunn Street intersection for this Work Plan. We are hoping to receive Work Plans from you by the end of March (approximately 45 days). Please feel free to contact me with any questions regarding the plans or what is needed for the Work Plan.

Thanks,

Michael Walsh
Project Engineer



6200 Vogel Road, Evansville, IN 47715
812.479.6200 (work) | 812.759.4149 (direct)
MWalsh@lochgroup.com
<http://lochgroup.com>

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From: Mcartor, Steve [mailto:Steve_Mcartor@comcast.com]
Sent: Friday, January 11, 2019 8:25 AM
To: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Walsh, Michael <MWalsh@lochgroup.com>
Subject: RE: Bloomington Intersection Projects Preliminary Field Check Meeting Minutes - 17th/Dunn & 17th/Madison/Kinser Pike

I see [no conflict here](#)

From: Dalton, Rhonda (Contractor)
Sent: Wednesday, January 9, 2019 10:30 AM
To: Mcartor, Steve <Steve_Mcartor@cable.comcast.com>
Subject: FW: Bloomington Intersection Projects Preliminary Field Check Meeting Minutes - 17th/Dunn & 17th/Madison/Kinser Pike

Hi Steve,
Was not sure if you need these meeting notes but I thought I would send them along.
Thanks so very much,
Rhonda

From: Walsh, Michael [<mailto:MWalsh@lochgroup.com>]
Sent: Wednesday, January 02, 2019 8:21 AM
To: ms4822@att.com; fleigj@bloomington.in.gov; Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; mmenefee@indiana.edu; brad.hudoff@smithville.com; MOORE, TOD A <tm1925@att.com>; Andrews, Neal J. <nandrews@Vectren.com>; MOORE, TOD A <tm1925@att.com>; Goodwin Jr, Donald R <drgoodwi@indiana.edu>
Subject: [EXTERNAL] Bloomington Intersection Projects Preliminary Field Check Meeting Minutes - 17th/Dunn & 17th/Madison/Kinser Pike

All,

Attached are the meeting minutes from our preliminary field check meeting that was held back on December 12th for the above referenced project. Please feel free to contact me with any questions regarding the meeting minutes. We will need to coordinate a time to talk via phone/or meet in the field with each individual utility to discuss possible conflicts. I will follow up with another email in the near future with an updated set of plans and we can find a time to discuss further.

Thanks,

Michael Walsh

Project Engineer



6200 Vogel Road, Evansville, IN 47715
812.479.6200 (work) | 812.759.4149 (direct)
MWalsh@lochgroup.com
<http://lochgroup.com>

This e-mail message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient(s), please contact the sender by reply e-mail and destroy all copies of the original message. Thank you!



02/10/2021

Steve Mcartor
Comcast
Steve_Mcartor@cable.comcast.com

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Mr. Mcartor

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

Nick Will
Utility Coordinator

Cc: File



Date: November 12, 2020

Subject:

Utility Relocation Work Plan for:	Smithville Communications, Inc.
Facility Type:	Communications

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	NA
2. Route Number:	E. 17 th Street
3. Location:	Intersection of 17 th Street and Dunn Street
4. Work Type:	Intersection Improvements
5. Letting Date:	Summer 2020
6. Date Work Plan Needed	November 2020
7. Target Date for Utility to be out of conflict with City Project	Summer 2021

B. Utility Designated Contact – Information

1. Designated Contact Name:	Joe Bryniarski
2. Office telephone:	812-935-2262
3. Mobile telephone:	812-320-9317
4. Email address:	joebryniarski@smithville.com
5. Agency name	Smithville Communications
6. Address:	1600 W. Temperance
7. City, State, Zip Code:	Ellettsville, IN 47129
8. Construction Emergency Contact:	
Name:	John Sexton
Number:	O: 812-935-2306 M: 812-327-1405

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:	Michael Walsh
2.	Office Telephone:	812-479-6200
3.	Mobile Telephone:	812-774-7541
4.	Email Address:	mwalsh@lochgroup.com
5.	Agency Name:	Lochmueller Group
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of the facility relocation that will be required.

- A. Describe what types of existing active and inactive facilities are present.
Existing active facilities consist of aerial fiber optic cable.
No inactive facilities exist.

- B. Describe the location of existing active and inactive facilities.
Existing active facilities are attached to power poles on the east side of Dunn Street.

- C. Describe what will be done with existing active and inactive facilities.
Existing active facility attachments will be transferred to the new power poles proposed by Duke.

- D. Describe the details of the proposed new facilities.
No new facilities are proposed unless, due to longer spans resulting from the relocation of power poles, it becomes necessary to insert new cable to extend existing facilities to new poles.

- E. Describe the proposed location of the new facilities.
n/a

- 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 <11/5/2020>**

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: The Utility Construction Scheduling Information.

- 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.

Facility relocation is dependent on work to be done by another utility

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

Duke Energy: Placement of new poles

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 department or the department's contractor with a description of that work.

Facility relocation is not dependent on work to be done by the department or the department's contractor.

1. Work Item A

2. Work Item B

3. Work Item C

- C. How many calendar days after the notice to proceed can the utility begin construction: 14

- D. The number of calendar days to complete the relocation work: 4



Section 4: 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. Plans must be attached to this Work Plan Document.

Attached to this document

Section 5: The implementation of this approved work plan is dependent upon the issuance of a notice to proceed.

Joseph Bryniarski

Joseph Bryniarski
2020.11.12 12:42:10
-05'00'

Signature of Utility Representative

Date

Utility Representative Name Printed

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

(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:

Reviewer Signature

Date

Reviewer Name Printed

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

I have reviewed the work plan and found it acceptable.

Nicholas Will

Project Manager Signature

02/10/2021

Date

Nicholas Will

Project Manager Name Printed



30+00

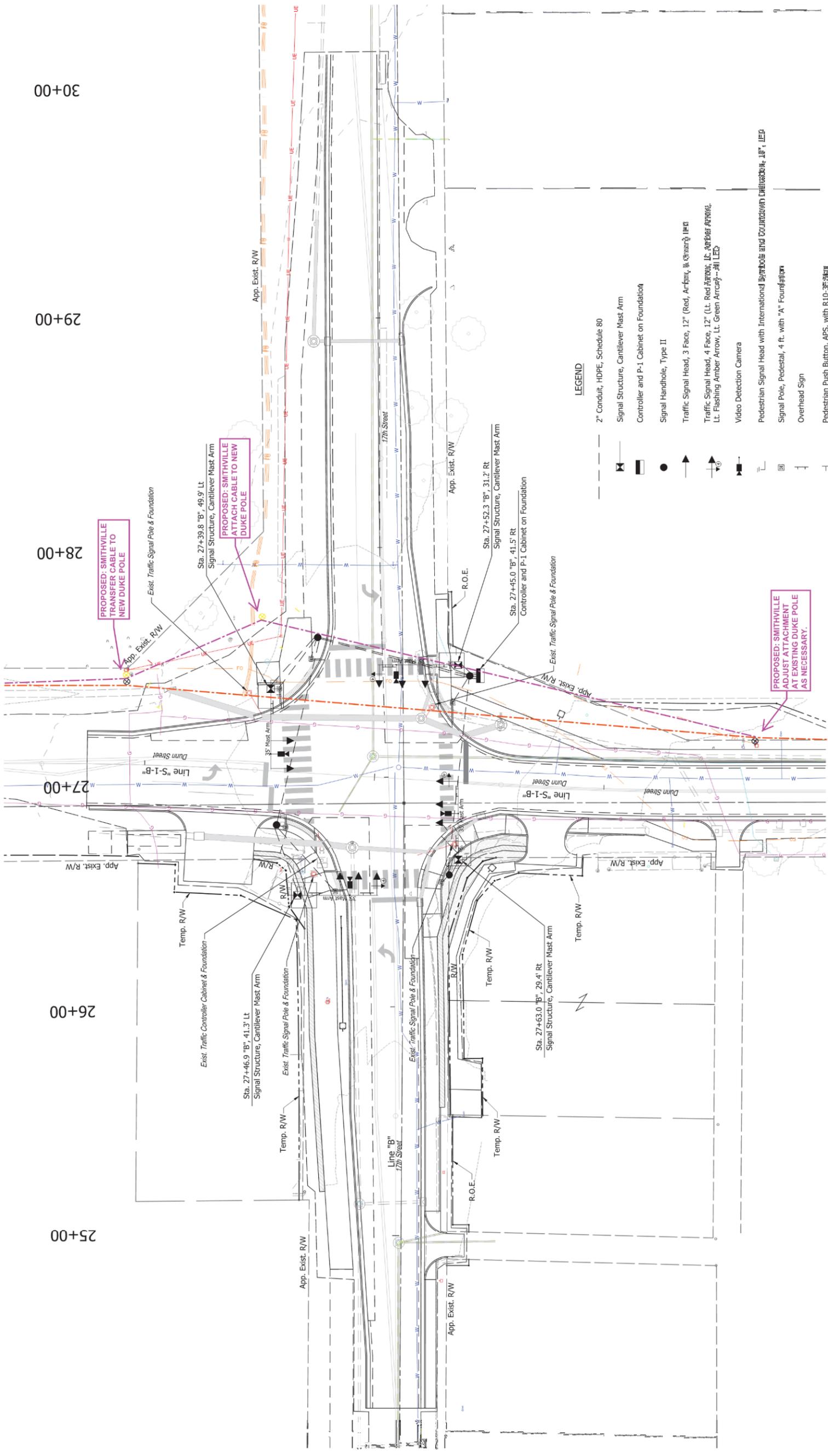
29+00

28+00

27+00

26+00

25+00



LEGEND

- 2" Conduit, HDPE, Schedule 80
- Signal Structure, Cantilever Mast Arm
- Controller and P-1 Cabinet on Foundation
- Signal Handhole, Type II
- Traffic Signal Head, 3 Face, 12" (Red, Ar-Ambr, Lt. Green) LED
- Traffic Signal Head, 4 Face, 12" (Lt. Red, Ar-Ambr, Lt. Green, Amber Arrow, Lt. Green Arrow) - All LED
- Video Detection Camera
- Pedestrian Signal Head with International Symbol for Pedestrian, 18" LED
- Signal Pole, Pedestal, 4 ft. with "A" Foundation
- Overhead Sign
- Pedestrian Push Button, APS, with R10-3E Sign

PROPOSED: SMITHVILLE
ADJUST ATTACHMENT
AT EXISTING DUKE POLE
AS NECESSARY.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	10/28/15	DATE
	DAS	LFJ	
DESIGNED:	DAS	DRAWN:	LFJ
CHECKED:	JAW	CHECKED:	JAF
INTERSECTION 17th & DUMM ST. CONSTRUCTION PLAN CITY OF BLOOMINGTON, INDIANA			
HORIZONTAL SCALE 1" = 30'		VERTICAL SCALE 1" = 10'	
PROJECT NUMBER 15-000000		SHEET NUMBER 15-000000-1	
DATE 10/28/15		DRAWN BY LFJ	
CHECKED BY JAF		PROJECT MANAGER JAF	
PRELIMINARY SIGNAL DETAIL			



02/10/2021

Joe Bryniarski
Smithville Communications
1600 W. Temperance
Ellettsville, In 47129

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Mr. Bryniarski

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

Nick Will
Utility Coordinator

Cc: File



Date: 3/2/2020

Subject:

Utility Relocation Work Plan for:	Vectren-A CenterPoint Energy Company
Facility Type:	Natural Gas Distribution

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	NA
2. Route Number:	E. 17 th Street
3. Location:	Intersection of 17 th Street and Dunn Street
4. Work Type:	Intersection Improvements
5. Letting Date:	Summer 2019
6. Date Work Plan Needed	April 2019
7. Target Date for Utility to be out of conflict with City Project	Summer 2019

B. Utility Designated Contact – Information

1. Designated Contact Name:	Shawn Williams
2. Office telephone:	317-776-5574
3. Mobile telephone:	317-790-8475
4. Email address:	Shawn.williams@centerpointenergy.com
5. Agency name	Vectren-A CenterPoint Energy Company
6. Address:	16000 Allisonville RD
7. City, State, Zip Code:	Noblesville, IN 46060
8. Construction Emergency Contact:	
Name:	24 Hr Call Center
Number:	1-800-227-1376

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



D. INDOT/LPA Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Michael Walsh
2.	Office Telephone:	812-479-6200
3.	Mobile Telephone:	812-774-7541
4.	Email Address:	mwalsh@lochgroup.com
5.	Agency Name:	Lochmueller Group
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of the facility relocation that will be required.

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

Active:

- 2" PE main
- 4" PE main
- ½" PE service line
- 1" PE service line
- 2" PE service line
- 2" STL service line

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

- 2" PE main located on W and E side of Dunn Street.
- 4" PE main located on E side of Dunn Street N of 17th Street.
- ½"/1" PE service line crossing Dunn Street N of 17th Street.
- 2"PE/STL service line serving Memorial Stadium N of 17th Street.
- 1" PE service line crossing Dunn Street along N side of bank entrance S of 17th Street.

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

- All existing service lines will remain in place.
- Existing 2" PE main will be relocated W of the existing line from station 14+24 to 15+77 (S-1-B).
- Existing 4" PE main will remain in place.

D. Describe the details of the proposed new facilities.

- New 2" PE main will be installed W of the existing line from station 14+24 to 15+77 (S-1-B). The new main will be installed in Dunn Street.

E. Describe the proposed location of the new facilities.

- See item D.

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 **<Enter Date Received Plans>**

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: The Utility Construction Scheduling Information.

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

 - 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 department or the department's contractor with a description of that work.
 - 1. Work item A
Stake all R/W along Vectren's relocation route and include stationing on these stakes.

 - 2. Work item B
Stake or paint all centers of proposed storm pipe and structures. Include cut to invert information.

 - 3. Work item C
Due to the location of Vectren's proposed main, the intersection must be shut down to through traffic before Vectren's relocation can begin. Please coordinate closure with Vectren, so that relocation can begin in a timely manner.

- C. How many calendar days after the notice to proceed can the utility begin construction: **TBD-based on crew availability and schedule once NTP is received.**

- D. The number of calendar days to complete the relocation work: **7 Days-dependent on Vectren's relocation taking place under road closure.**



Section 4: 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. Plans must be attached to this Work Plan Document.

Please see attached drawing.

Section 5: The implementation of this approved work plan is dependent upon the issuance of a notice to proceed.

A handwritten signature in blue ink that reads "Shawn Williams".

Signature of Utility Representative

3/2/2020

Date

Shawn Williams

Utility Representative Name Printed

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

(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:

Reviewer Signature

Date

Reviewer Name Printed

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

I have reviewed the work plan and found it acceptable.

Nicholas Will

Project Manager Signature

02/10/2021

Date

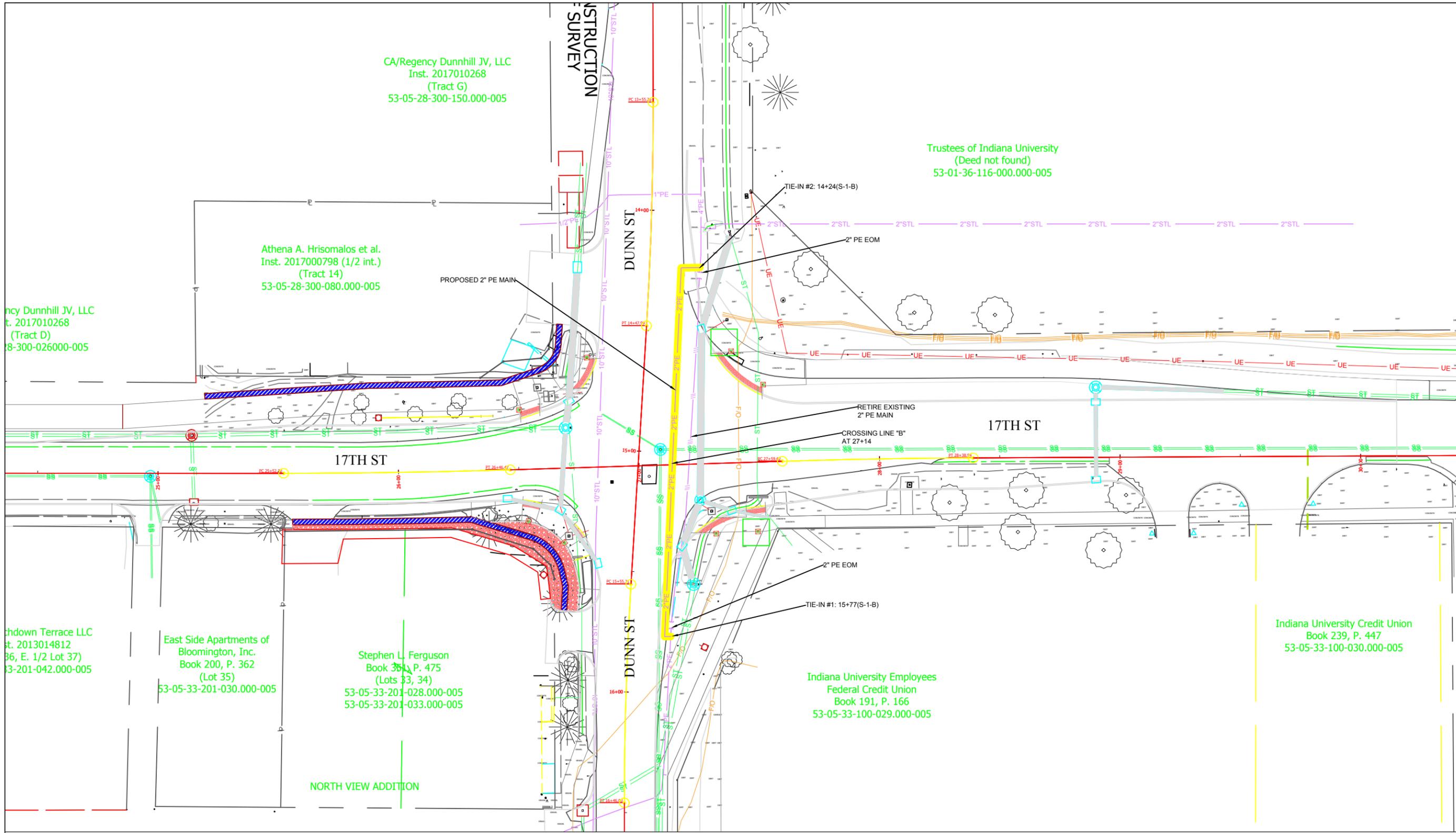
Nicholas Will

Project Manager Name Printed

LEGEND

- PROPOSED GAS MAIN
- PROPOSED GAS SERVICE
- RETIRED GAS MAIN
- EXISTING GAS MAIN
- EXISTING GAS SERVICE
- GAS VALVE
- NON CRITICAL GAS VALVE #
- CRITICAL GAS VALVE #
- ROAD CENTER LINE
- EASEMENT LINE
- ROW
- EXISTING PAVEMENT
- CABLE PHONE LINE
- FIBER OPTIC
- U.G. ELECTRIC LINE
- OVERHEAD ELECTRIC LINE
- WATER MAIN
- STORM LINE
- SANITARY LINE

CONTRACTOR:	
CREW LEADER:	
VECTREN INSPECTOR:	
PROJECT START DATE:	
INSERVICE DATE:	
COMPLETION DATE:	
PROPOSED MAOP:	45
SYSTEM MAOP:	45
SYSTEM NOP:	40.5
DIVISION:	SE
OPERATING CENTER:	BL
CITY:	BLOOMINGTON
STATE:	IN
COUNTY:	MONROE
GIS GRID:	169-206
LATITUDE:	39.179042
LONGITUDE:	-86.528327
DESIGNER:	SAWILLIAMS
DATE:	03/28/2019
REVISION DATE:	N/A
ORACLE PROJECT NUMBER:	19592402061221
MAXIMO NUMBER:	16705489
DWG TITLE:	CONST. DWG
DWG NUMBER:	1 of 1



CA/Regency Dunhill JV, LLC
Inst. 2017010268
(Tract G)
53-05-28-300-150.000-005

Trustees of Indiana University
(Deed not found)
53-01-36-116-000.000-005

Athena A. Hrisomalos et al.
Inst. 2017000798 (1/2 int.)
(Tract 14)
53-05-28-300-080.000-005

Regency Dunhill JV, LLC
Inst. 2017010268
(Tract D)
53-05-28-300-026000-005

Chdown Terrace LLC
Inst. 2013014812
36, E. 1/2 Lot 37)
53-05-33-201-042.000-005

East Side Apartments of
Bloomington, Inc.
Book 200, P. 362
(Lot 35)
53-05-33-201-030.000-005

Stephen L. Ferguson
Book 351, P. 475
(Lots 33, 34)
53-05-33-201-028.000-005
53-05-33-201-033.000-005

Indiana University Employees
Federal Credit Union
Book 191, P. 166
53-05-33-100-029.000-005

Indiana University Credit Union
Book 239, P. 447
53-05-33-100-030.000-005

NORTH VIEW ADDITION

ALL PROPOSED MAIN TO BE INSTALLED AT A DEPTH OF 3 - 4 FEET BELOW EXISTING GRADE. ALL MAIN WILL BE INSTALLED BY OPEN TRENCH.



SCALE: 1"=40'-0"

- Unless noted, all plastic pipe material is ASTM D 2513 MDPE 2708 OR HDPE 4710
- Unless noted, all steel pipe material is API 5LX52.



02/10/2021

Shawn Williams
Vectren-A CenterPoint Energy Company
16000 Allisonville Rd
Noblesville, In 46060

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Mr. Williams

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

Nick Will
Utility Coordinator

Cc: File



Date: November 20, 2020

Subject:

Utility Relocation Work Plan for:	Zayo
Facility Type:	Communications

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	NA
2. Route Number:	E. 17 th Street
3. Location:	Intersection of 17 th Street and Dunn Street
4. Work Type:	Intersection Improvements
5. Letting Date:	Summer 2019
6. Date Work Plan Needed	April 2019
7. Target Date for Utility to be out of conflict with INDOT Project	

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 Bandwidth
6. Address:	9209 Castlegate Dr.
7. City, State, Zip Code:	Indianapolis, IN, 46256
8. Construction Emergency Contact:	
Name:	
Number:	

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:	Michael Walsh
2.	Office Telephone:	812-479-6200
3.	Mobile Telephone:	812-774-7541
4.	Email Address:	mwalsh@lochgroup.com
5.	Agency Name:	Lochmueller Group
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

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.
3 plastic ducts with FO cables.

- B. Describe the location of existing active and inactive facilities.
Down the power pole at the NE corner of the intersection, under the east leg of Dunn St. and the south leg of 17th St. and south along the west side of 17th.

- C. Describe what will be done with existing active and inactive facilities.
Remain active and transferred to the new Duke riser pole.

- D. Describe the details of the proposed new facilities.
No new facilities.

- E. Describe the proposed location of the new facilities.
No 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 January 31, 2020.

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 needed

Section 4: A statement whether the utility is or is not willing to allow the INDOT contractor to do the required work as part of the highway contract. [IAC 13-3-3(c) (3)]
Is 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:	0
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:	n.a.
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	7 days after poles are ready.
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	21

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 need to make ready the existing pole they are retiring.

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

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

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



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.

n.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)]

Approx. \$2000

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)]

n.a.

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:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Signature of Utility Representative

November 20, 2020

Date

Adam Lamb, 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	No	Initials
(1.a) is compatible with department permit requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NW
(1.b) is compatible with the project plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NW
(1.c) is compatible with the construction schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NW
(1.d) is compatible with other utility relocation work plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NW
(2.a) has reasonable relocation scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NW
(2.b) has a reasonable cost for compensable work	<input type="checkbox"/>	<input type="checkbox"/>	N/A

(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:

Reviewer Signature

Date

Reviewer Name Printed

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

I have reviewed the work plan and found it acceptable.

Nicholas Will

Project Manager Signature

02/10/2021

Date

Nicholas Will

Project Manager Name Printed



02/10/2021

Waylon Higgins
Zayo Bandwidth
9209 Castlegate Dr
Indianapolis, IN 46256

Subject: Notice to Proceed for Intersection Improvement Project at 17th and Dunn Street

Dear Mr. Higgins

The following is related to Intersection Improvement Project at 17th and Dunn Street in the City of Bloomington, Indiana.

- | | |
|---|---|
| (1) Name or route number: | E. 17 th Street |
| (2) Geographical limits: | Intersection of 17 th Street and Dunn Street |
| (3) General description of work: | Intersection Improvements |
| (4) Letting Date: | March 2021 |
| (5) Name of designer and contact information: | Nick Will, P.E., Lochmueller Group, Inc.
nwill@lochgroup.com , 812-479-6200 |

In accordance with 105 IAC 13-3-4(a), please execute your approved work plan. Use of City of Bloomington right-of-way shall subject the permitted utility to comply with the provisions of City of Bloomington. The permitted utility shall obtain any and all necessary permits for example, but not limited to, environmental permits; permits required by local public agencies; and permits issued by county drainage boards and permits from railroad companies. Please acknowledge this notification by email within fifteen days via a response to the address or email listed below.

You are required to contact the City of Bloomington Engineer, Neil Kopper by Telephone: 812 349-3423 or email: koppern@bloomington.in.gov prior to beginning any work on the City right-of-way including delivery of materials, placement of equipment, or beginning construction.

If you have any questions regarding this letter, please contact Nick Will, Lochmueller Group, Inc., 6200 Vogel Road, Evansville, IN 47715, telephone: 812-479-6200, fax: 812-730-4120, nwill@lochgroup.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Nick Will".

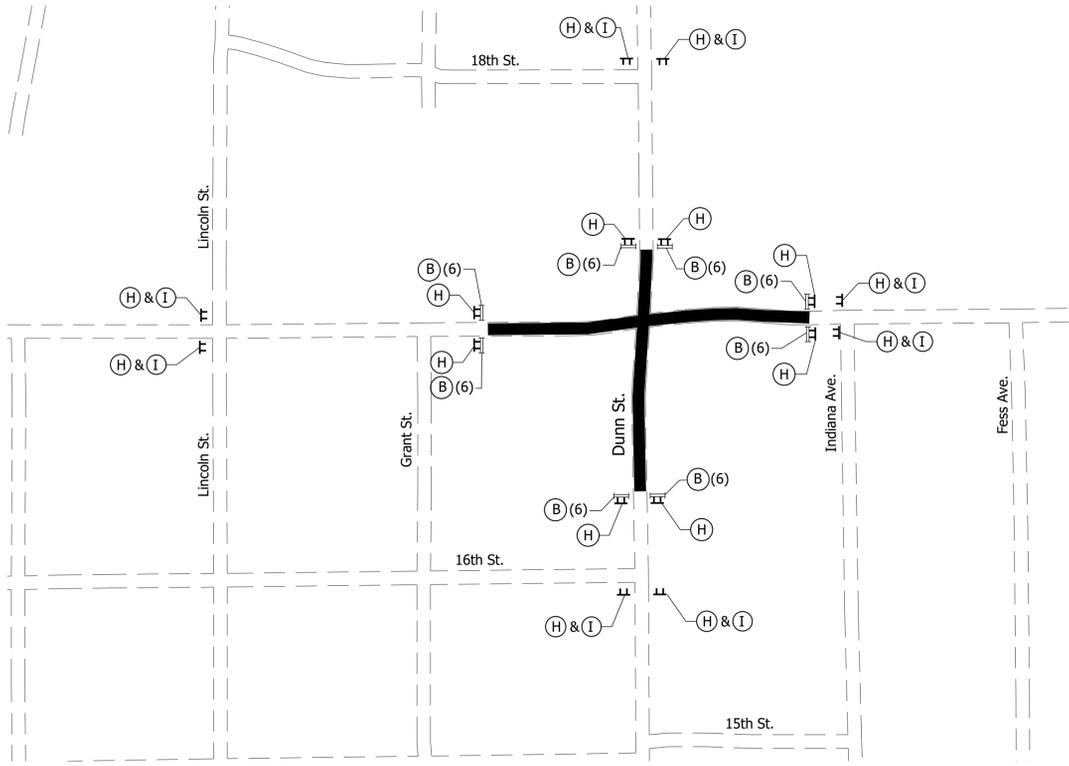
Nick Will
Utility Coordinator

Cc: File

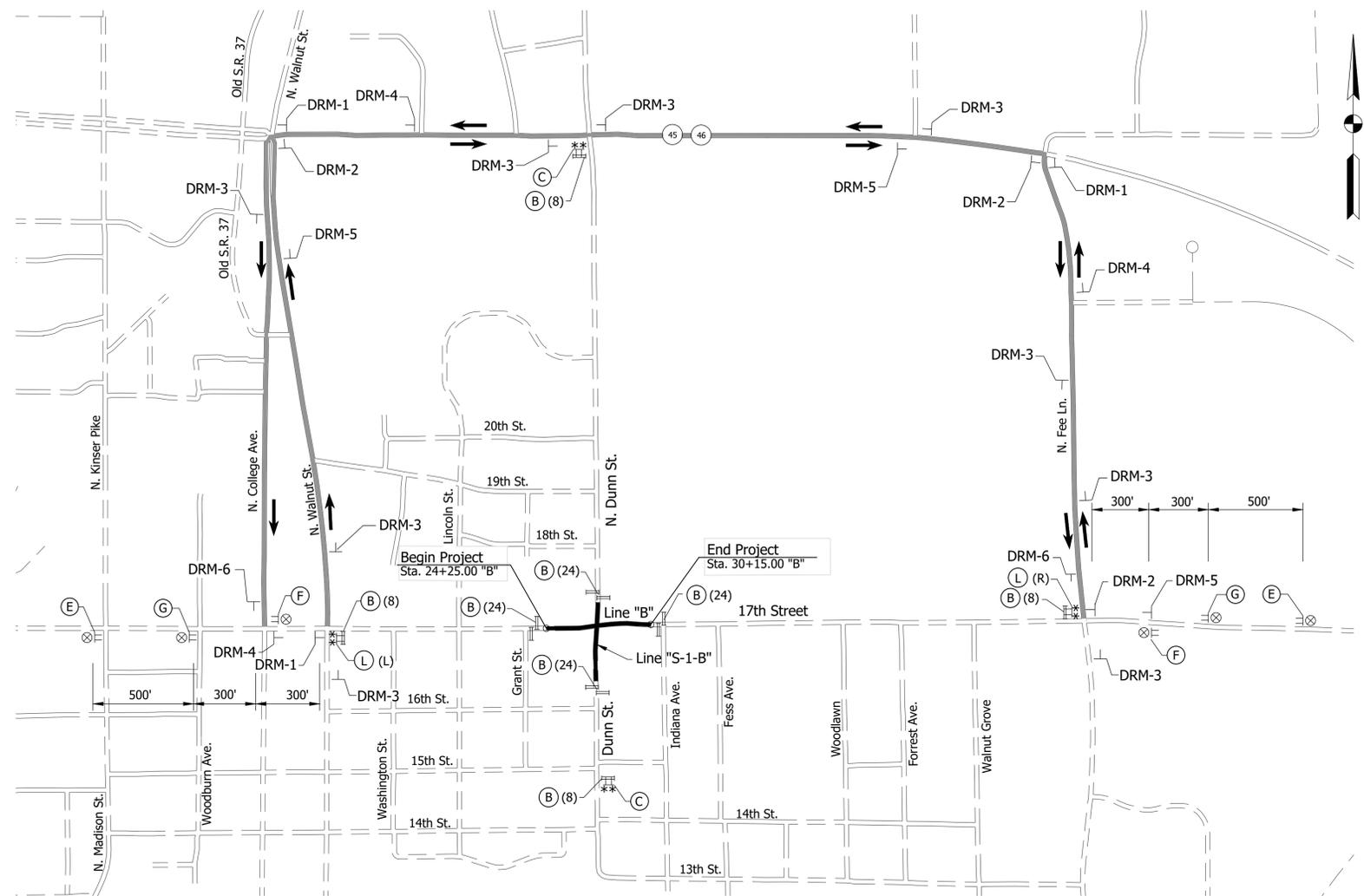
MAINTAINING PEDESTRIAN ACCESSIBILITY DURING CONSTRUCTION

Maintaining pedestrian access within the intersection is not required during the full closure of the intersection. The sidewalks shall be closed, and signs placed per the plans.

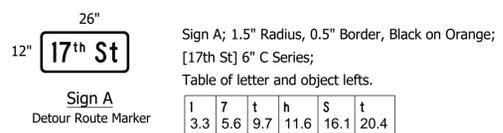
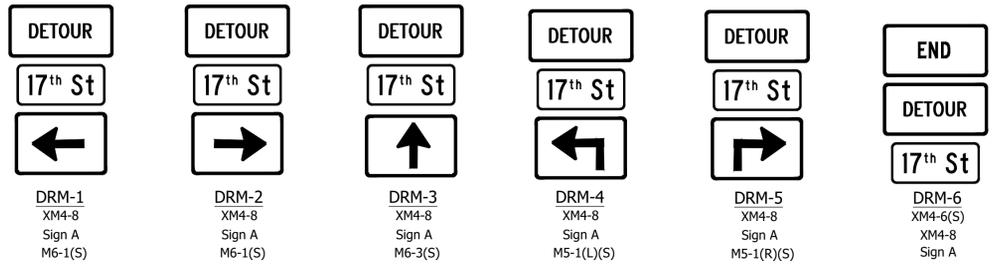
Sidewalk closure outside of the full intersection closure is not allowed without approval by the Engineer. If the Contractor completes work outside of the full closure time period that requires sidewalk closure then the Contractor shall provide temporary accommodations for pedestrians. The cost of the temporary accommodations shall not be paid for directly, but rather included in the cost of other items. The Engineer shall approve the final layout of the temporary pedestrian accessibility at each location prior to closing the existing sidewalk.



Pedestrian Maintenance of Traffic



- LEGEND**
- (B) Std. Barricade, Type III-B (Feet Req'd.)
 - (C) Road Closure Sign Assembly; R11-3 (Road Closed Local Traffic Only)
 - (E) Construction Sign A, XG20-3 (Road Closed Ahead)
 - (F) Construction Sign B, XG20-2 (End Construction)
 - (G) Construction Sign A, XW20-2 (Detour Ahead)
 - (H) Construction Sign B, R9-9 (Sidewalk Closed)
 - (I) Construction Sign B, W19-9p (Ahead)
 - (L) Road Closure Sign Assembly; R11-4 (Road Closed to Thru Traffic) w/ XM4-10 (R or L) (Detour Arrow)
 - T Detour Route Marker
 - TT Construction Sign
 - ⊗ Construction Warning Light, A
 - ** Construction Warning Light, B
 - ▬ Std. Barricade
 - Work Area
 - Detour Route



Phase	Construction Sign, A	Construction Sign, B	Barricade, III-B	Road Closure Sign Assembly	Detour Route Marker Assembly
	Each	Each	LFT	Each	Each
Detour Phase I	4	2	128	4	23
Pedestrian MOT		24	48		
TOTAL	4	26	176	4	23

Detour Information

1. Close 17th St. to thru traffic from Walnut St. to Fee Ln.
2. Detour 17th St. traffic to S.R. 45/46 via Walnut St./College Ave & Fee Ln.
3. Detour shall be used throughout construction of all phases.
4. Maintain access to all drives and businesses.

Date: Mar 09, 2021, 10:51am User Name: Iorrie File: S:_2017\117-0022\Road\CAD\Misc\DMGIB_MOT_Detour.dwg



RECOMMENDED FOR APPROVAL *Nicholas A. Will* DESIGN ENGINEER 02/11/2021 DATE

DESIGNED: NAW DRAWN: LLF
CHECKED: JAW CHECKED: NAW

INTERSECTION 17th & DUNN ST. CONSTRUCTION PLANS
CITY OF BLOOMINGTON, INDIANA

MAINTENANCE OF TRAFFIC DETOUR

HORIZONTAL SCALE	BRIDGE FILE
As Shown	N/A
VERTICAL SCALE	DESIGNATION
-	N/A
SURVEY BOOK	SHEETS
	7 of 38
CONTRACT	PROJECT
-	---

CURB & SIDEWALK TABLE						
FROM STATION	TO STATION	LEFT MEDIAN RIGHT	CURB & GUTTER, CONCRETE, MODIFIED	CURB, CONCRETE		
				LFT	LFT	SYS
LINE "B"						
24+25.00	26+99.62	X		272		182.4
24+25.00	26+99.62		X	251	111	123.4
26+99.62	30+15.00	X		291		21.0
26+99.62	30+15.00		X	174	25.0	12.2
LINE "S-1-B"						
13+75.00	15+06.00	X		86		11.1
13+75.00	15+06.00		X	33		4.7
15+06.00	17+65.29	X		175	17.0	106.8
15+06.00	17+65.29		X	131	43.0	80.4
TOTAL				1413	196	64.8

SODDING SUMMARY TABLE					
FROM STATION	TO STATION	LEFT	RIGHT	SODDING	TOPSOIL
				FOR LAWN	UNDER SOD
LINE "B"					
24+25.00	26+99.62	X		231.4	
24+25.00	26+99.62		X	39.8	
26+99.62	30+15.00	X		177.0	60.0
26+99.62	30+15.00		X	160.1	
LINE "S-1-B"					
13+75.00	15+06.00	X		193.2	
13+75.00	15+06.00		X	36.9	
15+06.00	17+65.29	X		387.8	
15+06.00	17+65.29		X	122.0	
TOTAL				1348.2	60

TREE REMOVE						
STATION	LEFT	MEDIAN	RIGHT	TREE, 6 IN.	TREE, 10 IN.	TREE, 18 IN.
				EACH	EACH	EACH
LINE "B"						
25+13.70			X	1		
25+47.00			X		1	
26+37.00			X	1		
28+60.90			X			1
29+02.40			X			1
LINE "S-1-B"						
15+46.85			X	1		
15+64.90			X	1		
TOTAL				4	1	1

CURB & GUTTER REMOVE				
FROM STATION	TO STATION	LEFT	RIGHT	LENGTH
				LFT.
LINE "B"				
24+25.00	26+99.62	X		285.0
24+25.00	26+99.62		X	261.0
26+99.62	30+15.00	X		68.0
26+99.62	30+15.00		X	28.0
LINE "S-1-B"				
13+75.00	15+06.00	X		
13+75.00	15+06.00		X	45.0
15+06.00	17+65.29	X		15.0
15+06.00	17+65.29		X	12.0
TOTAL				714

CONCRETE REMOVE				
FROM STATION	TO STATION	LEFT	RIGHT	AREA
				SYS
LINE "S-1-B"				
16+75.00	16+77.66		X	1.1
16+85.09	16+87.78		X	0.9
TOTAL				2

CONCRETE CURB RAMP		
LOCATION	CURB RAMP, CONCRETE	DETECTABLE WARNING SURFACES
	SYS	SYS
Line "B"		
17th & Dunn St NW Corner	47.8	5.1
17th & Dunn St SW Corner	42.8	3.1
17th & Dunn St NE Corner	24.2	5.4
17th & Dunn St SE Corner	24.3	4.9
TOTAL		139.1

PEDESTRIAN PUSH BUTTON, POLE & FOUNDATION							
STATION	LEFT	RIGHT	OFFSET	PEDESTRIAN PUSH BUTTON, APS	SIGNAL POLE, PEDESTAL, 4 FT., PAINTED BLACK	SIGNAL POLE FOUNDATION, 24 IN. x 24 IN. x 36 IN.	REMARKS
Line "B"							
26+50.47	X		25.24	1	1	1	
26+79.50	X		45.92	1	1	1	
26+52.08		X	20.67	1	1	1	
26+69.12		X	31.38	1	1	1	
27+39.76		X	47.92	1			Sta./Offset of Signal Structure, Extension Req'd
27+53.00		X	33.03	1	1	1	
27+32.55		X	29.57	1	1	1	
27+52.99		X	22.19	1	1	1	
TOTAL				8	7	7	

PLANT, DECIDUOUS TREE, SINGLE STEM, 2 IN. TO 2.5 IN.			
LINE	STATION	LOCATION	EACH
"B"			
	28+05	Lt.	1
	28+40	Lt.	1
	28+75	Lt.	1
	28+60	Rt.	1
	28+90	Rt.	1
TOTAL			5

SIDEWALK CONCRETE REMOVE				
FROM STATION	TO STATION	LEFT	RIGHT	AREA
				SYS
LINE "B"				
24+25.00	26+99.62	X		109.3
24+25.00	26+99.62		X	101.0
26+99.62	30+15.00	X		54.9
26+99.62	30+15.00		X	19.4
LINE "S-1-B"				
13+75.00	15+06.00	X		
13+75.00	15+06.00		X	13.1
15+06.00	17+65.29	X		102.7
15+06.00	17+65.29		X	5.7
TOTAL				407

GUTTER, CONCRETE REMOVE				
FROM STATION	TO STATION	LEFT	RIGHT	LENGTH
				LFT.
LINE "B"				
27+70.00	30+15.00	X		247.0
TOTAL				247

RETAINING WALL REMOVE				
FROM STATION	TO STATION	LEFT	RIGHT	LENGTH
				LFT.
LINE "B"				
25+74	26+38		X	65
TOTAL				65

PAVED SIDE DITCH REMOVE				
STATION	DESCRIPTION	LEFT	RIGHT	LENGTH
				LFT.
LINE "S-1-B"				
14+53			X	18
15+46			X	34
15+53		X		49
TOTAL				101

GUARDRAIL REMOVE				
STATION	DESCRIPTION	LEFT	RIGHT	LENGTH
				LFT.
LINE "B"				
SE Corner				48
TOTAL				48

LANDSCAPE STONE				
FROM STATION	TO STATION	LEFT	RIGHT	QTY
				TON
LINE "B"				
25+56.00	26+66.68		X	16.0
26+37.61	26+73.52		X	9.0
TOTAL				25.0

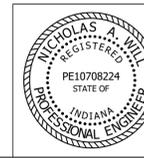
EARTHWORK SUMMARY (Cu. Yards)							
Line	Cut	Fill Available	Excavation Unsuitable Material	* Benching	Benching +25%	Fill	Fill + 25%
Line "B"	285	285				160	190
Line "S-1-B"	80	80				175	220
TOTALS		365	365			355	420

* Benching not paid for directly.

EXCAVATION, COMMON	365 CYD
BORROW	55 CYD

TABLE OF MONUMENTS		
LOCATION	SECTION CORNER	OFFSET
Line "B"		
Sta. 26+88.55	1	6.37' Rt.
TOTAL		

PIPE & STRUCTURE REMOVAL							
STATION	DESCRIPTION	LEFT	RIGHT	PIPE REMOVE	INLET REMOVE	MANHOLE REMOVE	PIPE PLUG
				LFT.	EACH	EACH	EACH
LINE "B"							
26+50	Existing Curb Inlet & 12" Pipe		X		1		1
26+72	Existing 18"x29" Elliptical Pipe		X	76			
27+50	Existing 20"x29" Elliptical Pipe		X				2
29+41	Existing Curb Inlet	X			1		
LINE "S-1-B"							
14+10	Existing 24" CPP	X		44			
14+25	Existing 24" CPP		X	30			
14+50	Existing Drainage Manhole	X				1	
TOTAL				150	2	1	3



RECOMMENDED FOR APPROVAL	<i>Nicholas A. Will</i>	02/11/2021
DESIGNED:	NAW	DRAWN:
CHECKED:	JAW	CHECKED:

INTERSECTION 17th & DUNN ST.
CONSTRUCTION PLANS
CITY OF BLOOMINGTON, INDIANA

MISCELLANEOUS TABLES

HORIZONTAL SCALE	BRIDGE FILE
No Scale	N/A
VERTICAL SCALE	DESIGNATION
-	N/A
SURVEY BOOK	SHEETS
	26 of 38
CONTRACT	PROJECT
-	---