

ADDENDUM #1

To: Prospective Bidders
From: Porter Co. Dept. of Development & Storm Water Management
Date: November 26, 2024
Subject: Shorewood Forest Subdivision
Ravine Restoration & Storm Sewer Improvements

The attention of all prospective bidders is called to the following Addendum.

This Addendum, designated as Addendum #1, is hereby included in and made a part of the bidding documents, whether or not attached thereto. Except as modified by this Addendum, all requirements of the bidding documents shall remain in full force and effect.

Bidder shall acknowledge the receipt of this Addendum #1 on his or her bid form.

PRE-BID MEETING SIGN-IN SHEET & MINUTES

1. The pre-bid meeting sign-in sheet and minutes are attached as Attachments A & B to this Addendum. Please note that the meeting minutes may contain clarifications related to bid items that should be considered when preparing bids for this project.

CLARIFICATIONS & MODIFICATIONS

The following clarifications and/or modifications to the bidding documents are being provided or are being made by the Department in response to questions posed and/or as determined necessary by the Department and are hereby included in and made a part of the bidding documents.

Appendices of Technical and Other Data

1. The bidding documents have been modified to include Appendix B "Utility Coordination Summary", which is attached as Attachment C to this Addendum.

Construction Plans

1. After review, it appears that there may be a minor issue with the approximate limits of construction/top of bank that are shown on Sheets 5 & 8 of the drawings. While site observation indicates that the shown limits of construction/top of bank should be adequate to accommodate the proposed step pool stormwater conveyance improvements, the topographic survey/contour data included on the drawings indicates otherwise—that additional earthwork, beyond the shown limits of construction, is needed to tie the improvements into the existing ravine slopes.

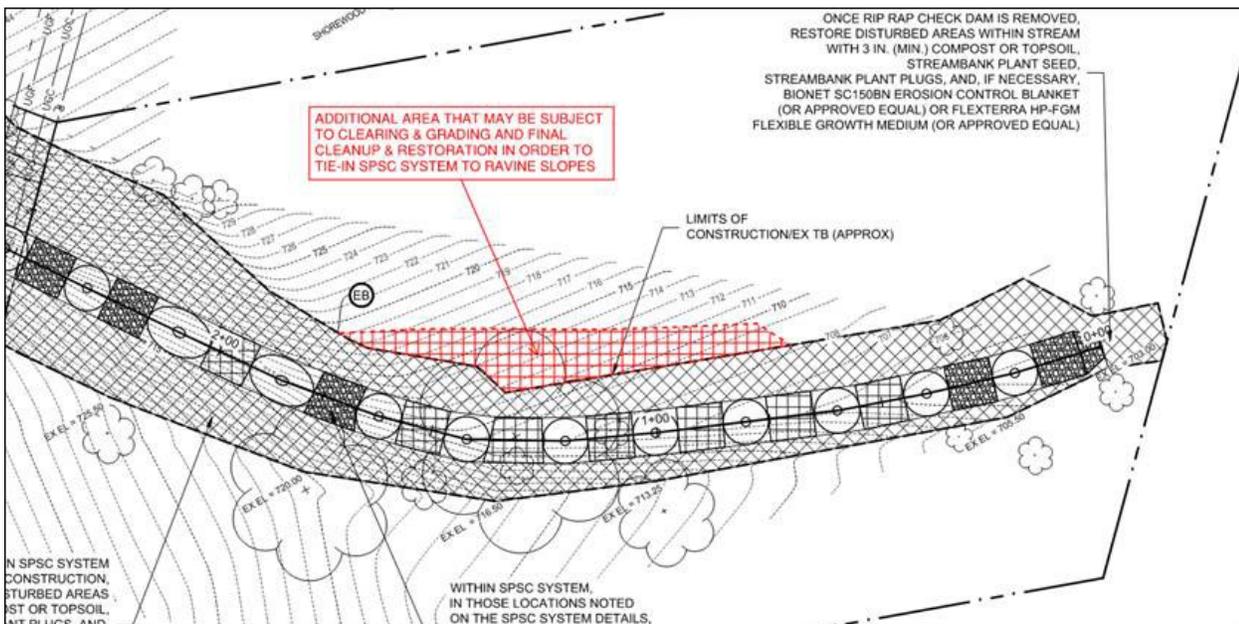
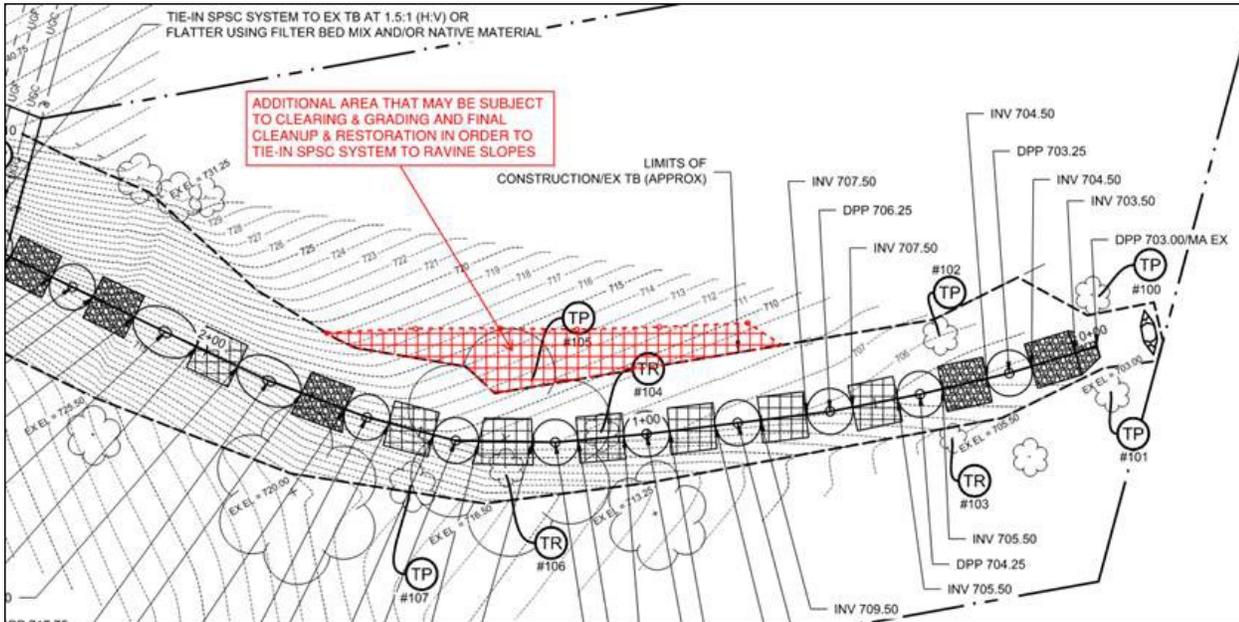
So, assuming that the topographic survey/contour data is true and accurate, the limits of construction may need to be expanded between approx. STA. 0+75 and STA. 1+75, by up to 14 FT, as illustrated below, in order to tie the proposed improvements into the existing ravine slopes. This additional area measures approx. 800 SF.

Prospective bidders are advised to consider this information during the preparation of their bids, particularly with regards to Pay Item 27 "Clearing & Grading – Ravine Limits", which includes the

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miscellaneous earthwork associated with the tie-in grading, and Pay Item 34 "Final Cleanup & Restoration – Ravine Limits", which includes the restoration of areas disturbed during the performance of the work.





CONTRACTOR QUESTIONS

The following are questions received during bidding and all responses will be made part of the bidding documents.

- Q1: Can the outcropping stone or thick outcropping stone used for the cascade boulders and footer boulders be limestone? Or does it have to be granite or sandstone since these are the only materials mentioned in the notes included on Sheet 6?
- A1: *Materials meeting the specified allowable dimensions and the specified minimum allowable unit weight can be used for the cascade boulders and footer boulders. So, yes, the outcropping stone or thick outcropping stone used for the cascade boulders and footer boulders can be limestone. Note that it is the responsibility of the contractor to select suitable material to allow for economical construction of the step pool stormwater conveyance system.*
- Q2: Is the use of bypass pumping envisioned?
- A2: *Per Section 02220 of the technical specifications, the contractor is expected to keep excavations free of water to avoid impacting the work and provide and maintain adequate dewatering equipment to remove and dispose of surface water and groundwater entering excavations. While localized dewatering (i.e., "sump and pump") may be required, given the small size of the tributary drainage area (approx. 10 AC), and the fact that the storm sewer system and ravine only carry flow intermittently—during and immediately following rainfall events—the use of bypass pumping is not envisioned. As with any project involving the construction of stormwater infrastructure, the performance of the work may need to be temporarily suspended during and immediately following rainfall events, due to the resulting site conditions, and items of work may be impacted by and need to be protected from rainfall events, but the use of bypass pumping is not envisioned in order to facilitate the performance and successful completion of the work.*
- Q3: Can #53 slag be utilized under the asphalt pavement? Drawing states #53 aggregate, spec states to be in accordance with INDOT 904, which allows for slag.
- A3: *No. The Porter County Supplemental Design & Construction Standards also apply to and govern the project and such Standards do not allow for the use of slag.*
- Q4: There seems to be some issues with the grading plan for the ravine restoration between stations 1+00 and 2+00. The inverts work with the existing elevations to the south, but on the north side, it creates an additional ravine if we are to stop filling back to the existing TB. Please see the attached screenshot for reference.
- A4: *After review, the issue appears to be associated with the approximate limits of construction/top of bank that are shown on the drawings. Please see the "CLARIFICATIONS & MODIFICATIONS" section above for more information regarding this issue.*
- Q5: Want to confirm that limestone can be utilized for the cascade boulders in lieu of the granite and sandstone. Thoughts would be to utilize class 2 rip-rap.



- A5: *Materials meeting the specified allowable dimensions and the specified minimum allowable unit weight can be used for the cascade boulders and footer boulders. Please be sure to review such required dimensions and required minimum allowable minimum weight, as shown on Sheet 6 of the drawings. But, yes, the outcropping stone or thick outcropping stone used for the cascade boulders and footer boulders can be limestone. Note that it is the responsibility of the contractor to select suitable material to allow for economical construction of the step pool stormwater conveyance system.*
- Q6: Detail IV-1 on sheet 13 of 16 calls for underdrains at low points, however, the demolition limits and quantities do not indicate enough removal for under drains. Are underdrains required? As I believe county standard is 50lf in each direction.
- A6: *No, underdrains are not required at "low points" on this project. While you are correct that Porter County Supplemental Design & Construction Standards specifies that underdrains shall be installed a min. of 50 FT in each direction from the low point of each sag curve in the roadway profile, this project is a storm sewer improvement/replacement project, rather than a roadway improvement/reconstruction project.*

ATTACHMENTS

- ATTACHMENT A&B - PRE-BID MEETING MINUTES & SIGN-IN SHEET
- ATTACHMENT C – APPENDIX B. UTILITY COORDINATION SUMMARY



**ATTACHMENTS A & B
PRE-BID MEETING MINUTES & SIGN-IN SHEET**

**Porter Co. Dept. of Development & Stormwater Management
Shorewood Forest Ravine Restoration & Storm Sewer Improvements**

**Pre-Bid Meeting
Discussion Agenda**

** Discussion summary in red italics*

November 21, 2024, 10:00 AM

Porter Co. Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, IN
also via Videoconference

1. Sign-In & Introductions

- Please include name, company, and contact information on Sign-In Sheet
- *See attached Sign-In Sheet*

2. Project Overview

- The project is located along Shorewood Drive, between Kent Court & Pickwick Place, in Shorewood Forest Subdivision. The subdivision is located in Section 19, Township 35 North, Range 6 West, in Center Township, Porter County, Indiana.
- The project consists of the installation of new stormwater infrastructure, including the installation of new storm sewers and new storm sewer structures, to replace severely deteriorated existing storm sewers along Shorewood Drive, between Kent Court and Pickwick Place, and the installation of a step pool stormwater conveyance system to stabilize and restore a severely eroded ravine located between 219 and 221 Shorewood Drive.
- *Due to substantial portions of the existing storm sewer being “co-located” with Indiana American Water’s existing water main, the new storm sewer is to be installed along a new alignment within the paved sections of Shorewood Dr., Kent Ct., and Pickwick Pl., as indicated on the drawings.*
- *The step pool stormwater conveyance system was originally developed in the Annapolis, MD area as a way to stabilize and restore ravines suffering from erosion caused by stormwater runoff, such as this one. The step pool stormwater conveyance system will serve as a demonstration of ravine restoration methods that can be applied across the Shorewood Forest subdivision and other areas.*

3. Bidding Requirements

- a. Bid Form
 - i. Examination of Bidding Documents & Site
 - ii. Acknowledgement of Addenda
 - iii. Basis of Bid Form

- b. Responsible Bidding Submittal Requirements Form
- c. Bidder's Work History Form
- d. Bidder's Organizational Experience and Workload Form
- e. Bidder's Subcontractor and Supplier Form
 - List entities rendering services or supplies in an amount in excess of 10% of Total Bid
- f. Bid Security
 - In an amount not less than 10% of Total Bid

4. Contract Award

- All bids remain subject to acceptance for 60 days after the opening of bids
- Lowest responsive and responsible bidder whose bid is determined to be in the best interests of the project
- Notice of award issued to successful bidder

5. Signing of Agreement

- Within 10 days of receipt of notice of award, successful bidder shall sign and deliver agreement; contract security (i.e., performance bond – 100% of contract value, payment bond – 100% of contract value); certificate(s) of insurance, incl. insurance policy endorsements; and, E-Verify Affidavit & Certification Regarding Investments in Iran

6. Notice to Proceed/Earliest Date to Begin Work

- In order to provide Owner with the time needed to acquire all necessary easements and landowner agreements and address encumbrances related to Contractor's use of the site (i.e., necessary utility relocations), earliest date to begin work is Jul. 1, 2025.
- *This includes providing the Owner with the time needed to acquire necessary additional easement areas within which portions of the work are located as well as to allow for Indiana American Water (INAW) time to complete relocation work that they believe is necessary to avoid conflict with the new storm sewer system. INAW will complete such work no later than May 31, 2025.*
- American Rescue Plan Act requires all funds to be obligated by Dec. 31, 2024.
- *Hence the need to award the contract prior to the site being ready for use by the contractor.*
- *With regards to the earliest date to begin work and uncertainty associated with the future cost of supplies and materials, prospective bidders' attention is called to Section 109.08 of the General Specifications, "Partial Payments", which provides for payment to be made for materials prior to their use in the work.*

7. Project Description

- a. Storm Sewer
 - New storm sewer, including 872 LFT RCP, Class III or greater, and 16 storm sewer structures, incl. 8 inlets, 7 manholes, and 1 end section, in new alignment & profile

- Abandon or remove existing storm sewer and storm sewer structures as indicated; abandon in place will be via bulkhead and pumping flowable fill, per technical specifications
- Final backfill in pavement loading zone to be Granular Backfill, Class IB (No. 53); placement, compaction, and testing, per technical specifications
- Utilities
 - Utility crossings indicated on Sheets 9 & 10, based on available information; information presented is not guaranteed
 - Protect existing utilities at all utility crossings
 - Storm sewer profile and alignment designed to avoid utilities to maximum extent practicable; INAW planning relocation work to avoid new storm sewer
 - *As previously noted, additional time is needed for Indiana American Water (INAW) to complete the relocation work that they believe is necessary to avoid conflict with the new storm sewer. INAW will complete such work no later than May 31, 2025.*
- Pavement cut and restoration
 - Saw cut and full depth repair storm sewer trench, includes portions of curb and gutter; also mill and resurface remainder of project limits as indicated
 - Quantities are based on limits of construction and governing construction requirements; unless a change is made to the limits of construction by Porter County, additional quantities will not be authorized.
- Maintenance of Traffic
 - Road closure restrictions, per County Standards, technical specifications, and special provisions; Kent Ct. and Pickwick Pl. are dead end streets
 - *Special provisions allow for a partial closure of Shorewood Dr. (e.g., lane restrictions) of up to 45 days and a full closure of Shorewood Dr., with an approved and properly signed detour route, per County Standards, of up to 5 days. However, Kent Ct. and Pickwick Pl. are dead end streets and traffic must be maintained on these streets for the duration of the project.*
 - Maintain traffic for residents at all times and coordinate with residents during construction particularly when constructing across their drives
 - *Note that there are several driveways located along Shorewood Dr. within the limits of construction.*
- Restoration plan
 - Topdress with compost or topsoil, install grass seed, install erosion control blanket (Bionet SC150BN) or flexible growth medium (Flexterra HP-FGM)
 - Lump sum based on based on limits of construction and governing construction requirements; unless a change is made to the limits of construction or otherwise previously approved by Porter County, additional payment will not be authorized.
- Over-Excavation of Poor Soils w/ Granular Backfill, Class IA at Bottom of Trench

- Undistributed quantity of unsuitable soil removal and replacement with suitable material. Estimated quantity (4 FT trench width, 6 IN over-excavation, over 25% of total pipe length). Item as Ordered by Engineer. Use as authorized by Porter County; entire quantity may not be used.
 - *No geotechnical investigation of subsurface conditions has been completed along the storm sewer alignment. Based on conditions within the ravine, it is assumed that suitable soils (e.g., sand and gravel) will be encountered at bottom of trench. However, if poor soils are encountered at the bottom of the trench, this allowance can be used, upon authorization by the Department, to excavate and replace such poor soils with granular backfill material (in addition to that which will already be excavated and replaced with storm sewer bedding material).*
- b. Step Pool Conveyance System
- Includes 7 cascade weirs (grade change of > 1.5 FT), to be constructed of thick outcropping stone (2.5 ft x 2.5 ft x 1.5 ft (H)), and 6 riffle weirs (grade change of 1 to 1.5 FT), to be constructed of d50 = 6 in. (rip rap, revetment)
 - Quantities are based on surveyed cross-sections and longitudinal profile and governing construction requirements, plus contingency for “tie in” grading
 - Construction access route to include temporary construction entrance and access route (\leq ~12%) from Shorewood Dr. to head of ravine and through ravine
 - Minimize tree removal, tree trimming; maximize tree protection
 - Lump sum based on based on limits of construction and governing construction requirements; unless a change is made to the limits of construction by Porter County, additional payment will not be authorized.
 - With approval, allow for reuse of material (e.g., tree trunks, tree rootballs, wood chips) in step pool conveyance system
 - Restoration plan
 - Topdress with compost or topsoil, install bluff or streambank plant seed, install erosion control blanket (Bionet SC150BN) or flexible growth medium (Flexterra HP-FGM), install bluff or streambank plant plugs
 - Utilities
 - Frontier firmly indicates it has two cables crossing the ravine near the rear property lines of 219 & 221 Shorewood Dr. Comcast firmly indicates it has facilities within the right-of-way of Shorewood Dr. Cables are present in the ravine. One runs westerly along the bottom of the ravine to the head of the ravine, where it is buried shallow. One is coiled on itself at the bottom of the ravine, unclear where it goes from that point. All known utility owners denying responsibility for cables.
 - *Cables have no identified owner and all known utility owners are denying responsibility for such cables.*

8. Notable Dates

- a. Pre-Bid Meeting: Thu., Nov. 21, 2024, 10:00 a.m.
- b. Last Day for Questions: Mon., Nov. 25, 2024, 12:00 p.m. local time. Final addendum to be issued by 4:30 p.m. local time, Tue., Nov. 26, 2024.
- c. Bids Due: Tue., Dec. 3, 2024, 10:00 a.m. local time at the Porter Co. Auditor's Office, 155 Indiana Ave., Ste. 204, Valparaiso, IN 46383.
- d. Bid Opening: Tue., Dec. 3, 2024, 10:00 a.m. local time at the Dept. of Development & Storm Water Management, 155 Indiana Ave., Ste. 311, Valparaiso, IN 46383. Also via videoconference.
- e. Anticipated Contract Award: Tue., Dec. 10, 2024 9:00 a.m. local time during a meeting of the Porter Co. Storm Water Management Board.
- f. Earliest Date to Begin Work: Jul. 1, 2025
- g. Substantial Completion: Nov. 30, 2025
- h. Final Completion: May 30, 2026

9. Questions

Q1: Can the outcropping stone or thick outcropping stone used for the cascade boulders and footer boulders be limestone? Or does it have to be granite or sandstone since these are the only materials mentioned in the notes included on Sheet 6?

A1: Materials meeting the specified allowable dimensions and the specified minimum allowable unit weight can be used for the cascade boulders and footer boulders. So, yes, the outcropping stone or thick outcropping stone used for the cascade boulders and footer boulders can be limestone. Note that it is the responsibility of the contractor to select suitable material to allow for economical construction of the step pool stormwater conveyance system.

Q2: Is the use of bypass pumping envisioned?

A2: Per Section 02220 of the technical specifications, the contractor is expected to keep excavations free of water to avoid impacting the work and provide and maintain adequate dewatering equipment to remove and dispose of surface water and groundwater entering excavations. While localized dewatering (i.e., "sump and pump") may be required, given the small size of the tributary drainage area (approx. 10 AC), and the fact that the storm sewer system and ravine only carry flow intermittently—during and immediately following rainfall events—the use of bypass pumping is not envisioned. As with any project involving the construction of stormwater infrastructure, the performance of the work may need to be temporarily suspended during and immediately following rainfall events, due to the resulting site conditions, and items of work may be impacted by and need to be protected from rainfall events, but the use of bypass pumping is not envisioned in order to facilitate the performance and successful completion of the work.

SHOREWOOD FOREST SUBDIVISION - RAVINE RESTORATION & STORM SEWER IMPROVEMENTS

PRE-BID MEETING SIGN IN
November 21, 2024 (10:00 AM CST)

NAME	COMPANY	ADDRESS	OFFICE/CELL/FAX	EMAIL
Chelsey Gordon	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3652	chelsey.gordon@porterco.org
			Cell: (219)252-7499	
			Fax:	
Meredith Poore	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3632	meredith.poore@porterco.org
			Cell:	
			Fax:	
Lori Larson	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 510-9056	lori.larson@porterco.org
			Cell:	
			Fax:	
Rob Goodman	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 510-1152	robert.goodman@porterco.org
			Cell:	
			Fax:	
Tom McNabb	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 510-9058	tom.mcnabb@porterco.org
			Cell:	
			Fax:	
Josh Crandall	Gari UP Construction	3965 Harrison St. Gary, IN 46408	Office: 219-887-5233	josh.crandall@gariup.com
			Cell:	
			Fax:	

CR

MP

NOT PRESENT

Tall

SHOREWOOD FOREST SUBDIVISION - RAVINE RESTORATION & STORM SEWER IMPROVEMENTS

PRE-BID MEETING SIGN IN

November 21, 2024 (10:00 AM CST)

MICHAEL MORTNEY	WESSLER ENGINEERING	379 E 84TH DR. MERRILLVILLE, IN 46110	Office: (219) 235-9869 Cell: (773) 947-4230 Fax:	MICHAELN@WESSLER ENGINEERING.COM
Blaine Howell	Wessler Engineering	379 E 84th Dr. Merrillville, IN 46110	Office: 317-224-2848 Cell: Fax:	Blaine H@wessler engineering.com
Jaxon Goodan	Egolf Coates Excavation		Office: Cell: Fax:	jgoodan@egolfcoates. com
Brian Staresina	Hasse Construction		Office: Cell: Fax:	bstaresina@ hasseconstruction.com
Austin Miller	G.E. Marshall, INC.		Office: Cell: Fax:	austin.miller@gemarshall. com
Matt Vetor	Gough, Inc.		Office: Cell: Fax:	mvetor@goughinc.com

SHOREWOOD FOREST SUBDIVISION - RAVINE RESTORATION & STORM SEWER IMPROVEMENTS

PRE-BID MEETING SIGN IN

November 21, 2024 (10:00 AM CST)

<p>Will Smith</p>	<p>Rieth-Riley Construction Co., Inc.</p>		<p>Office: Cell: Fax:</p>	<p>WSmith@ rieth-riley.com</p>
<p>Luke Haan</p>	<p>Grimmer Construction</p>		<p>Office: Cell: Fax:</p>	<p>lhaan@ grimmerconstruction. com</p>
<p>Bob Trueblood</p>			<p>Office: Cell: Fax:</p>	
			<p>Office: Cell: Fax:</p>	
			<p>Office: Cell: Fax:</p>	
			<p>Office: Cell: Fax:</p>	



**ATTACHMENT C
APPENDIX B
UTILITY COORDINATION SUMMARY**

APPENDIX B

UTILITY COORDINATION SUMMARY

AT&T

Utility Acknowledgment Form (UAF)

I Dennis Protega, have received the plans provided to AT&T from Wessler Engineering for the Ravine Restoration and Storm Sewer Replacement project that they are working on with Porter County Department of Development and Stormwater Management. It was requested that I, Dennis Protega review the preliminary plans and determine if there are currently existing facilities along the alignments.

I have reviewed the preliminary plans and declare that there are NO existing facilities along the alignments.

I have reviewed the preliminary plans and declared that YES there are existing facilities along the alignments.

I have provided a markup of your original preliminary plan showing our current facilities.

I have noted on the marked-up plans' areas of conflict, which include:

A: _____

B: _____

C: _____

Possible resolutions to the conflicts would include: _____

I do NOT feel that a utility coordination meeting is necessary

I DO feel that a utility coordination meeting would be beneficial

We do NOT know of any future projects withing the plan area

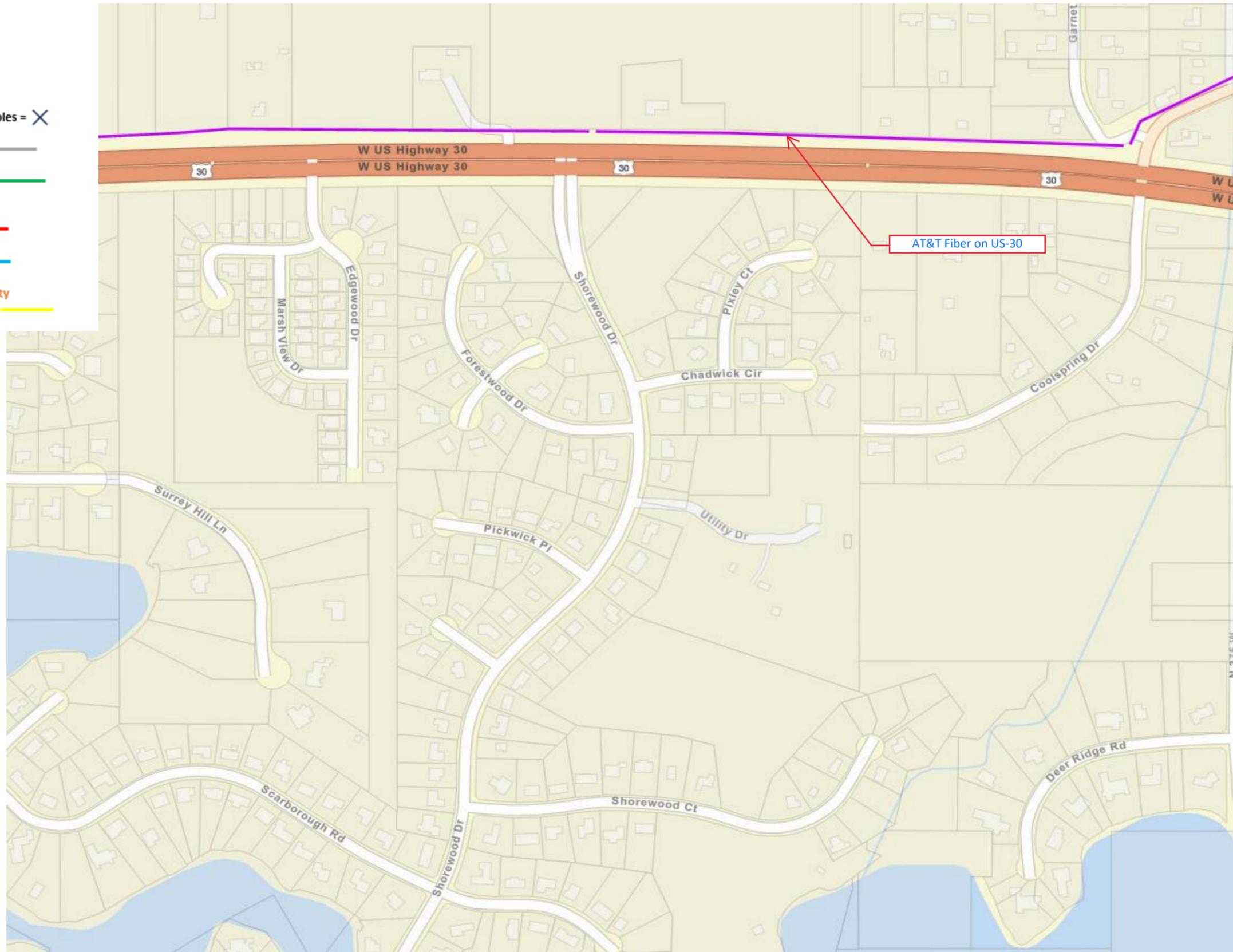
We do have future projects planned within your plan area. Explain: _____

Dennis Protega Name

Dennis Protega
Signature

8/12/2024
Date

- AT&T Conduit = —
- AT&T Manhole/HH =
- AT&T Owned Poles =
- Power Company or Foreign Owned Poles = X
- AT&T Abandoned Fiber/Copper = —
- AT&T Direct Buried Fiber/Copper = —
- AT&T Direct Buried to/from MH/HH with Fiber/Copper = —
- AT&T AERIAL Fiber/Copper = —
- AT&T Fiber/Copper on Private Property or Inside a Building = — or —



****DISCLAIMER****

The mapping provided is to be used as a guide to know and understand that AT&T does have facilities in the area and should not be used in any way whatsoever as an accurate location mapping of our facilities. To determine actual AT&T facility locations, the facilities should be surveyed in the field via 811 Locate requests.

COMCAST

Final Utility Acknowledgment Form (UAF)

I, Thomas Munar, have received the final plans provided to Comcast from Wessler Engineering for the Ravine Restoration and Storm Sewer Replacement project that they are working on with Porter County Department of Development and Stormwater Management. It was requested that I, Thomas Munar review the final plans to determine if there are any remaining, unresolved conflicts between the proposed improvements and Comcast's existing facilities.

I have reviewed the final plans and declare that there are NO existing facilities along the alignments and, therefore, NO remaining, unresolved conflicts between such existing facilities and the proposed improvements.

I have reviewed the final plans and declare that YES there are existing facilities along the alignments, ~~but that~~ and anticipate there are NO remaining, unresolved conflicts between such existing facilities and the proposed improvements. Any potential conflicts appear to have been resolved with the design of the proposed improvements.

Notes: Since the plans were adjusted to move structure A50 2 ft north to avoid conflict with our U/G crossing near sta. 12+95 and since it appears that our U/G in both ROW of Shorewood Dr appear to not be affected, we do not anticipate any conflicts with this project at this time. However, since the location of our facilities are approximate, please locate and protect our facilities from damage. The showing the approx location of facilities is attached.

I have reviewed the final plans and declare that YES there are existing facilities along the alignments, and that Comcast has developed the attached Utility Work Plan to resolve any remaining, unresolved conflicts between such existing facilities and the proposed improvements.

I have attached Comcast's Utility Work Plan.

I have reviewed the final plans and declare that YES there are existing facilities along the alignments, and that YES there are remaining, unresolved conflicts between such existing facilities and the proposed improvements.

I have noted on the attached marked up plans the remaining areas of conflict, which include:

A: _____

B: _____

Possible resolutions to the remaining conflicts would include:

A: _____

B: _____

Thomas Munar

Name

Thomas Munar

Signature

11/25/2024

Date

Michael Novotney

From: Munar, Thomas <Thomas_Munar@comcast.com>
Sent: Monday, November 25, 2024 12:15 PM
To: Michael Novotney
Cc: Dalton, Rhonda (Contractor)
Subject: RE: Porter County Shorewood Forest Utility Forms
Attachments: Comcast Xfinity Utility Acknowledgement Form signed.pdf; cmcst map-Shorewood Forest.pdf

Michael,

As requested, attached is the signed Comcast final utility coordination form indicating that we do not anticipate any conflicts with this project, at this time. Our system drawing that was originally sent is attached for reference as well. Please locate and protect our facilities from damage.

Please note, Larry Smith retired on Friday and at this time, his replacement is unknown at this time. I reached out to see if there is one and will let you know.

In the meantime, if you have any questions about this information don't hesitate to ask.

Thanks
Tom

Thomas Munar
ROW Engineer
Comcast Cable
Thomas_Munar@comcast.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Monday, November 25, 2024 9:01 AM
To: Munar, Thomas <Thomas_Munar@comcast.com>; Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>
Cc: Smith, Larry <Larry_Smith3@comcast.com>
Subject: [EXTERNAL] RE: Porter County Shorewood Forest Utility Forms

All,

Good morning! I am just following up on the status of Comcast's review of the final plans for this storm sewer improvements/replacement project in the Shorewood Forest subdivision. The project is currently out for bid, with the final addendum scheduled to go out tomorrow by 4:30 PM CST. If possible, I would like to include Comcast's final utility coordination form (attached again here) in that addendum.

Hope all is well and look forward to hearing from you again soon. Thank you for your continued coordination with us on this project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://www.wesslerengineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Wednesday, November 6, 2024 8:20 PM
To: Munar, Thomas <Thomas_Munar@comcast.com>
Cc: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Thomas et al.,

As we've discussed, here (please use the link below) are the updated/final plans for Porter County's Ravine Restoration & Storm Sewer Improvements project located within Shorewood Forest Subdivision. These final plans reflect the final revisions that we made to the storm sewer alignment to shift structure A50 and new storm sewer crossing Shorewood Dr. to the north by a couple feet to provide more separation distance between Comcast's existing facilities and the new storm sewer, as previously summarized in my e-mail dated Thu., Oct. 24. Please use these drawings to facilitate your final review of/conflict analysis on the project.

 [Porter Co. Shorewood Forest Final Utilities](#)

If you would please fill out and return the attached final utility coordination form to me at your earliest convenience, I would appreciate it.

Please note that in order to stay on schedule to award their construction services contract by the end of the year, Porter Co. has released this project for bid, as of today.

I very much appreciate your continued coordination with us on this project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Friday, October 25, 2024 12:06 PM
To: Munar, Thomas <Thomas_Munar@comcast.com>
Cc: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Thank you Thomas for your response.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Munar, Thomas <Thomas_Munar@comcast.com>
Sent: Thursday, October 24, 2024 3:32 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Michael,

You are correct. Per our records, we do not have cable that runs east-west between 219 & 221 Shorewood Dr.

Thomas Munar
ROW Engineer
Comcast Cable
Thomas_Munar@comcast.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Thursday, October 24, 2024 1:33 PM
To: Munar, Thomas <Thomas_Munar@comcast.com>
Cc: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>
Subject: [EXTERNAL] RE: Porter County Shorewood Forest Utility Forms

Thomas,

I am writing to follow up on this conversation.

The revised plans are not quite ready for distribution yet, but we are currently revising the storm sewer design/alignment to shift structure A50 and our new crossing of Shorewood Dr. to the north by a couple feet to provide more separation distance between your existing facilities and the new storm sewer. This should alleviate concerns about a potential conflict in that location. I will send you a copy of the revised plans as soon as they are complete.

Also, wanted to follow up with you regarding the cables that were discovered running along the bottom of the ravine. I am assuming that they are not Comcast facilities, based on the information you've already provided, but wanted to confirm with you.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://WesslerEngineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Friday, October 11, 2024 12:35 PM
To: Munar, Thomas <Thomas_Munar@comcast.com>
Cc: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Thomas,

Thank you for your prompt response.

Regarding:

- My question about confirming the front yard location of your facilities: During on-site investigation, we have discovered two cables running along the bottom of the ravine that extends east from Shorewood Dr., between 219 Shorewood Dr. & 221 Shorewood Dr. They are not supposed to be there, based on anyone's records, but they are. Please see attached. Based on information that both you and Frontier has provided us, we believe these to be Frontier's cables, but they have not yet confirmed that to us. If you have any reason to believe that these might be Comcast facilities, please let me know as soon as possible.
- Crossing/potential conflict locations: Where the new storm sewer will cross your facilities on the east side of Shorewood Dr., we will be 9 FT 6 IN +/- to top of pipe. Where the new storm sewer will cross your facilities on the east side of Shorewood Dr., we will be 6 FT 0 IN +/- to top of pipe – we have dropped our storm sewer to avoid INAW's water main here. Yes, the one remaining conflict is with your underground crossing of Shorewood Dr. Part of the reason we did not catch this earlier is that the locator did not locate this crossing or your facilities on the east side of Shorewood Dr. The alignment between the proposed storm sewer and your cable is pretty tight – and we are currently planning to only be about 3 FT to top of pipe. If this is of concern to your construction department, I believe we can shift structure A50 and our new crossing of Shorewood to the north by a couple feet to provide more separation distance between your facilities and the new storm sewer.

I appreciate the communication and all of the information.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://WesslerEngineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Munar, Thomas <Thomas_Munar@comcast.com>
Sent: Wednesday, October 9, 2024 1:30 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Michael,

Please see notes below. Since our underground crossing may or may not be in conflict with the proposed installation method of the 15" RCP, I am referring this to our construction department for review, fill out the utility acknowledgement forms and for any necessary resolution if need be.

Larry, I will be sending you a share file line with the project plans, the acknowledgement paperwork and other information for your use.

Please let us know if you have any questions about this information.

Thanks
Tom

Thomas Munar
ROW Engineer
Comcast Cable
Thomas_Munar@comcast.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Monday, October 7, 2024 11:56 AM
To: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>
Cc: Smith, Larry <Larry_Smith3@comcast.com>
Subject: [EXTERNAL] RE: Porter County Shorewood Forest Utility Forms

Rhonda,

Good morning! I was reaching out to follow up on Porter County's Shorewood Forest Ravine Restoration & Storm Sewer Improvements project.

Due the project being funded by American Rescue Plan Act (ARPA) funds, we have had to move quickly through the design process in order to get to the point where the County can award a construction services contract by the end of 2024. In order to stay on that schedule, the County will need to release bidding documents in early Nov., which is just a month away at this point.

Shortly after we began work on the project in Jun. 2024, we reached out to you and other utilities with a preliminary/30% plan set for review, asking for your review and input on the plans by end of Aug. I then followed up in early Sep. with additional information and our 60% plan set. We are quickly moving toward our final plan set to be released for bidding in early Nov.

So, I am following up at this point to request the following:

1. Confirm that the Comcast/Xfinity facilities located on the east side of Shorewood Dr. are indeed located in the front yards of these lots? **It appears that our maps reflect what is shown in Google street view & that our pedestals are located in the front yards on the east side of the road.**
2. Provide any information you might have regarding the number, type, and approx. depth of these facilities on both the east and west sides of Shorewood Dr. **Based on our maps, we have coaxial cable on the east side from Kent Ct to Pickwick Pl and on the west side between 422 Pickwick Pl and 218 Shorewood Dr in the front yard of the homes. There is also an U/G crossing of Shorewood Dr from pedestal between 217 & 219 Shorewood Dr. We generally like to install our coaxial cable ~ 24-36 inches deep and can be either direct buried or in conduit**

3. We had previously provided a Utility Acknowledgement Form, which we would request that you review, complete and return to us as soon as possible. Please let me know if you need another copy of the form. **Will hand off to our construction department for their review & to fill out form. The U/G crossing referenced in question 2 could possibly be in conflict with the proposed 15" RCP installation the center of Shorewood.**
4. In completing the Utility Acknowledgement Form, please analyze the project plans for any potential conflicts with Comcast's/Xfinity's existing facilities. The project will involve the installation of new storm sewers that will cross those facilities, or run parallel near those facilities, but at 4 FT and then 9 FT to top of pipe at the two locations where it looks like we are crossing the Comcast/Xfinity facilities, the storm sewers should be quite a bit deeper than the Comcast/Xfinity cable. **Since, it appears that the storm sewer will be installed via open cut, I am referring this to our construction department for their review and any necessary resolution due to the referenced U/G crossing. Based on your comments, it looks like you may be able to work around this.**

Please let me know what other information I can provide, how I can assist you, etc. Thank you for coordinating with us on this important project!

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>

Sent: Tuesday, September 10, 2024 1:05 PM

To: Smith, Larry <Larry_Smith3@comcast.com>

Cc: Michael Novotney <MichaelN@wesslerengineering.com>

Subject: RE: Porter County Shorewood Forest Utility Forms

Will do Larry

From: Smith, Larry <Larry_Smith3@comcast.com>

Sent: Tuesday, September 10, 2024 12:17 PM

To: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>

Cc: MichaelN@wesslerengineering.com

Subject: FW: Porter County Shorewood Forest Utility Forms

Please add to list for review if not already on.

Thank you

From: Michael Novotney <MichaelN@wesslerengineering.com>

Sent: Tuesday, September 10, 2024 12:02 PM

To: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Smith, Larry <Larry_Smith3@comcast.com>; Munar, Thomas <Thomas_Munar@comcast.com>

Cc: Pavlo Shyrovokov <PavloS@wesslerengineering.com>; Jaylen Withem <JaylenW@wesslerengineering.com>

Subject: [EXTERNAL] RE: Porter County Shorewood Forest Utility Forms

Good afternoon,

I am writing to follow up with you regarding Porter County's ravine restoration & storm sewer improvements project located on Shorewood Dr., between Kent Ct. and Pickwick Pl. The project will replace severely deteriorated storm sewers along Shorewood Dr. and will address severe ravine erosion that has taken place in the ravine between 219 Shorewood Dr. & 221 Shorewood Dr.

We previously shared the 30% plan set for the project with you seeking your review of the plans for conflict (or absence of conflict) between the contemplated stormwater improvements and Comcast's/Xfinity's existing facilities. In response, you provided a map showing the approximate location of Comcast's/Xfinity's existing facilities in the project area (attached). Thank you for providing that information.

Regarding that information, can you:

1. Confirm that the facilities located on the east side of Shorewood Dr. are located in the front yards of these lots?
2. Provide any information you might have regarding the number, type, and approx. depth of these facilities on both the east and west sides of Shorewood Dr.

I also wanted to ask for further coordination with us on this project:

- We had previously provided a Utility Acknowledgement Form (attached again here), which we would request that you review, complete and return to us.
- In completing the Utility Acknowledgement Form, please analyze the project plans for potential conflicts with Comcast's/Xfinity's existing facilities.

I wanted to note a few things to coordinate with you further on this project.

1. When we initially reached out to you back on Jul. 16, we had just reached 30% design. Our 30% plan set (which you previously received) included information about the horizontal alignment of the contemplated stormwater improvements but did not include information about the vertical profile of the proposed improvements. We were waiting on information from a subsurface utility investigation (i.e., hydroexcavation/potholing and measure down) that was conducted by Porter County before adding the vertical profile/information to the plans. We are still awaiting additional available information from a few utilities regarding the depth of existing facilities.
2. We do have an updated plan set (60% plan set), which the County approved last week, and includes information on the vertical profile of the proposed improvements. Please use the following link to access the 60% plan set: [☐ Porter Co. Shorewood Forest 60% Utilities.](#)
3. The new storm sewers have generally been placed at similar elevations as the existing storm sewers to avoid utility conflicts at utility crossings.
4. Regarding Comcast's/Xfinity's existing facilities, generally, the new storm sewer will be located below the existing cables, unless the cables are unusually/extraordinarily deep. However, we are still awaiting additional available information from Comcast/Xfinity regarding the depth of existing cables to confirm.
5. Information gathered via utility coordination and subsurface investigation has not yet been fully incorporated into plan set, as we are still awaiting as-built information from several utilities. We acknowledge that some adjustment to the depth of the proposed storm sewer may be needed (and is possible) at both the north and south ends of the project (i.e., near Kent Ct. and near Pickwick Pl.) in order to avoid conflicts with INAW's facilities, but these adjustments should keep the new storm sewer clear of (i.e., below) Comcast's/Xfinity's existing facilities.

With these notes in mind, I feel that we have minimized potential conflicts between existing utility facilities and the proposed stormwater improvements, but I would sincerely appreciate your further coordination with us regarding the project

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Pavlo Shyrovkov <PavloS@wesslerengineering.com>

Sent: Monday, July 22, 2024 1:33 PM

To: Michael Novotney <MichaelN@wesslerengineering.com>

Cc: Blaine Howell <BlaineH@wesslerengineering.com>

Subject: FW: Porter County Shorewood Forest Utility Forms

Pavlo Shyrovkov, E.I. | Engineer

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

From: Munar, Thomas <Thomas_Munar@comcast.com>

Sent: Monday, July 22, 2024 12:20 PM

To: Pavlo Shyrovkov <PavloS@wesslerengineering.com>

Cc: Smith, Larry <Larry_Smith3@comcast.com>; Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>; Jaylen Withem <JaylenW@wesslerengineering.com>

Subject: RE: Porter County Shorewood Forest Utility Forms

****WARNING: External email, verify sender before opening attachments or clicking on links.****

Pavlo,

As requested, attached is a Comcast system map indicating the approximate location of our aerial (red solid lines) and underground (green dashed lines) within and/or adjacent to the referenced project limits.

Please let us know if you have any questions about this information.

Thanks

Tom

Thomas Munar

ROW Engineer

Comcast Cable

Thomas_Munar@comcast.com

From: Smith, Larry <Larry_Smith3@cable.comcast.com>
Sent: Wednesday, July 17, 2024 8:07 AM
To: Dalton, Rhonda (Contractor) <Rhonda_Dalton@comcast.com>
Cc: PavloS@wesslerengineering.com; JaylenW@wesslerengineering.com
Subject: FW: Porter County Shorewood Forest Utility Forms

Rhonda, please add to list for review.

Pavlo,
I handle all the public improvement projects
in Lake, Porter, LaPorte, and Jasper Counties of Northwest IN.

Feel free to reach out anytime you need assistance.

Thank you

Larry Smith
Comcast Construction
16 W 84th Dr.
Merrillville IN 46410
574-320-8203



From: Jorgensen, Brian L <Brian_Jorgensen@cable.comcast.com>
Sent: Wednesday, July 17, 2024 7:05 AM
To: Smith, Larry <Larry_Smith3@cable.comcast.com>
Subject: FW: Porter County Shorewood Forest Utility Forms

Fyi

From: Beard, Rick <Richard_Beard@comcast.com>
Sent: Tuesday, July 16, 2024 4:09 PM
To: Jorgensen, Brian L <Brian_Jorgensen@cable.comcast.com>
Cc: PavloS@wesslerengineering.com; JaylenW@wesslerengineering.com
Subject: FW: Porter County Shorewood Forest Utility Forms

Adding Brian Jorgensen for Vaparasio IN

Rick Beard | Manager
Construction Shared Services
Central Division Comcast
CONNECTED
LEAD. GROW. DELIVER. TOGETHER.

From: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Sent: Tuesday, July 16, 2024 4:12 PM

To: Beard, Rick <Richard_Beard@comcast.com>

Cc: Jaylen Withem <JaylenW@wesslerengineering.com>

Subject: [EXTERNAL] Porter County Shorewood Forest Utility Forms

Hello,

Wessler Engineering is preparing to start a water project in Valparaiso, Indiana. We are in the process of gathering information on who the appropriate contact person at Comcast/Xfinity is. For us to correspond with regarding the utilities for the project area and design coordination, can you please provide me with the information or pass this along to whoever should handle this, if you are not the correct person.

Attached are the plans and utility forms relating to our storm sewer and ravine restoration project.

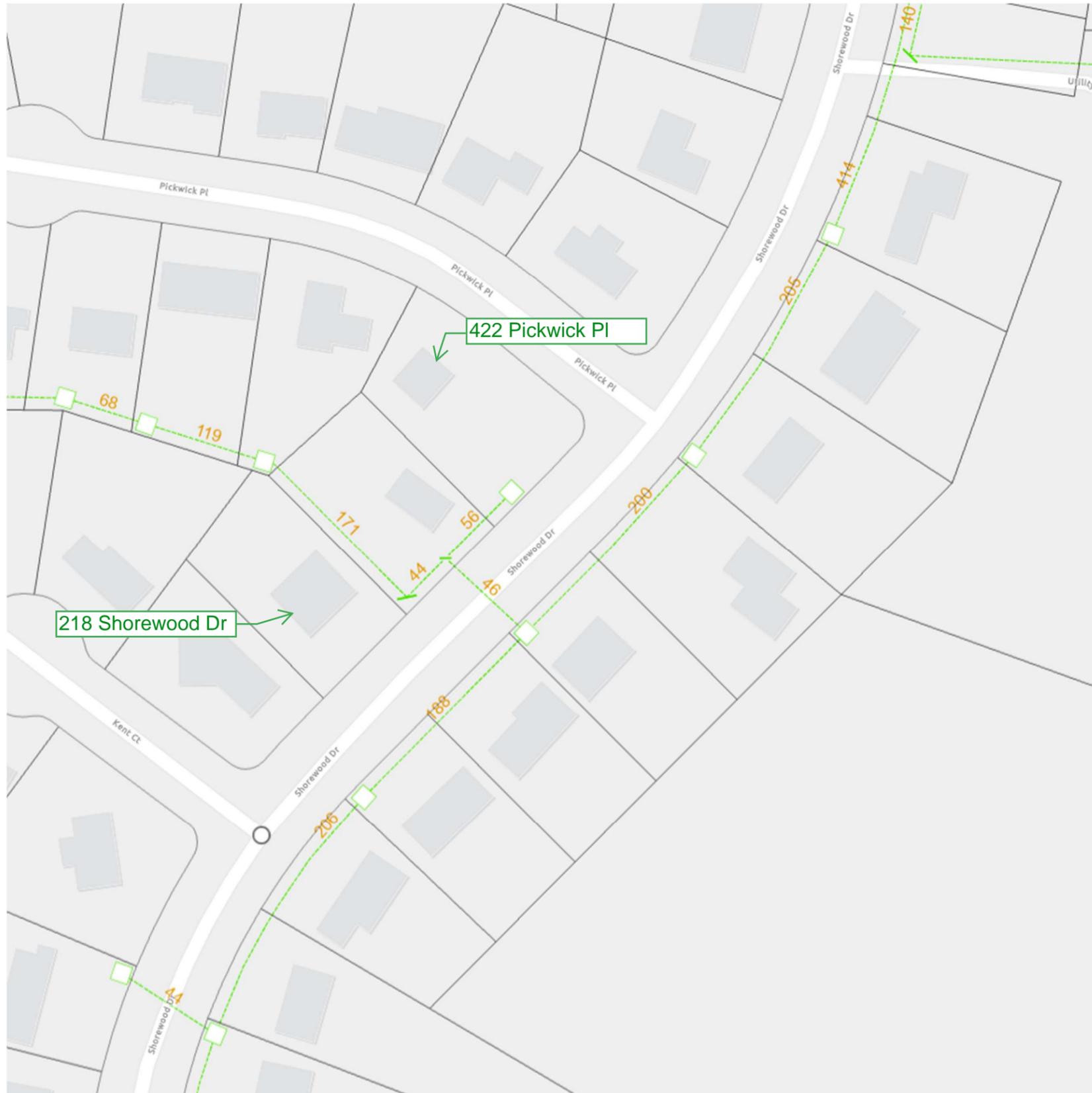
Thank you for your assistance!

Pavlo Shyrov, E.I. | Engineer

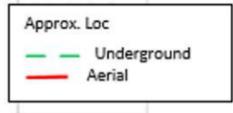
[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P:317-788-4551



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FRONTIER

Final Utility Acknowledgment Form (UAF)

I, Alison Buchanan on behalf of Chuck McKean (Frontier North Inc.), have received the 90% plans provided to Frontier from Wessler Engineering for the Ravine Restoration and Storm Sewer Replacement project that they are working on with Porter County Department of Development and Stormwater Management. It was requested that I, Alison Buchanan, review the 90% plans to determine if there are any remaining, unresolved conflicts between the proposed improvements and Frontier's existing facilities.

I have reviewed the 90% plans and declare that there are NO existing facilities along the alignments and, therefore, NO remaining, unresolved conflicts between such existing facilities and the proposed improvements.

I have reviewed the 90% plans and declare that YES there are existing facilities along the alignments, but that there are NO remaining, unresolved conflicts between such existing facilities and the proposed improvements. Any potential conflicts appear to have been resolved with the design of the proposed improvements.

Notes: _____

I have reviewed the 90% plans and declare that YES there are existing facilities along the alignments, and that Frontier has developed the attached Utility Work Plan to resolve any remaining, unresolved conflicts between such existing facilities and the proposed improvements.

I have attached Frontier's Utility Work Plan.

I have reviewed the 90% plans and declare that YES there are existing facilities along the alignments, and that YES there are remaining, unresolved conflicts between such existing facilities and the proposed improvements.

I have noted on the attached marked up plans the remaining areas of conflict, which include:

A: _____

B: _____

Possible resolutions to the remaining conflicts would include:

A: _____

B: _____

Alison Buchanan for Chuck McKean
Name

Alison Buchanan for CM
Signature

Oct. 28, 2024
Date

Michael Novotney

From: Alison Buchanan <abuchanan@troyergroup.com>
Sent: Monday, October 28, 2024 3:53 PM
To: Michael Novotney
Cc: chuck.mckean@ftr.com
Subject: RE: Utility Coordination-Porter Co. Stormwater Mgmt Shorewood Forest
Attachments: Frontier Final Utility Acknowledgement Form.docx

Here you go.
Thank you!

Alison Buchanan | OSP Engineer

abuchanan@troyergroup.com | c 219-508-1442
3930 Edison Lakes Parkway, Mishawaka IN. 46545 | troyergroup.com



From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Monday, October 28, 2024 1:43 PM
To: Alison Buchanan <abuchanan@troyergroup.com>
Cc: chuck.mckean@ftr.com
Subject: RE: Utility Coordination-Porter Co. Stormwater Mgmt Shorewood Forest

Alison,

Yes, I had to include via a link in my last couple of e-mails. The file size was too big to e-mail the plans directly.

Here is the link again: [Porter Co. Shorewood Forest 90% Utilities](#)

Also, please note that now that you've confirmed the location of Frontier's existing facilities—north-to-south across the ravine in the rear yard easement—that linework is being added to the plans. It's not shown yet, but our CAD group will be adding this week.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Alison Buchanan <abuchanan@troyergroup.com>
Sent: Monday, October 28, 2024 3:40 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>

Cc: chuck.mckean@ftr.com

Subject: RE: Utility Coordination-Porter Co. Stormwater Mgmt Shorewood Forest

****WARNING: External email, verify sender before opening attachments or clicking on links.****

Michael,

I am getting the paperwork filled out, but I have not received the 90% plans yet that is stated on the Final Acknowledgement Form.

Please send the plans to me so I can go ahead and finish the necessary paperwork.

Thank you.

Alison Buchanan | OSP Engineer

abuchanan@troeyergroup.com | c 219-508-1442

3930 Edison Lakes Parkway, Mishawaka IN. 46545 | troeyergroup.com



From: Michael Novotney <MichaelN@wesslerengineering.com>

Sent: Monday, October 28, 2024 11:54 AM

To: Alison Buchanan <abuchanan@troeyergroup.com>

Cc: chuck.mckean@ftr.com

Subject: Utility Coordination-Porter Co. Stormwater Mgmt Shorewood Forest

Alison,

Thank you for taking my call earlier today to discuss this project. I appreciate your continued coordination with us on this—and your understanding of our need to wrap up the utility coordination process in order to get this project out to bid for the County.

Based on our conversation, and the information you've previously provided, the cables that were discovered running east-to-west along the surface of the bottom of the ravine are not Frontier's facilities. Consequently, Frontier would not be concerned about these cables, nor the project's potential impacts on them.

Further, based on our conversation, and the information you've previously provided, Frontier's existing facilities cross the ravine, running north-to-south under the bottom of the ravine, within the existing 10 FT easement located within the rear yards of Lots 33 & 34 (221 & 219 Shorewood Drive, respectively). Based on our conversation, because the ravine restoration project will provide additional cover for Frontier's existing facilities (i.e., they will be buried under an additional approx. 7 FT of fill sand, with some rip rap placed along the surface of the fill sand), Frontier has no concerns about the project. In fact, because the project will provide additional cover for Frontier's existing facilities and stabilize the ravine, the project will provide Frontier's facilities with additional protection against future erosion and potential exposure.

Alison, if you could please fill out and return the attached final utility coordination form at your earliest convenience, I would very much appreciate it. In your updated response, please confirm my summaries above regarding the existing facilities within the ravine; feel free to revise as needed. Feel free to make any attachments to the form. Here is another link to the 90% Plans: [Porter Co. Shorewood Forest 90% Utilities](#)

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

Michael Novotney

From: Michael Novotney
Sent: Tuesday, October 22, 2024 9:54 AM
To: Alison Buchanan
Cc: chuck.mckean@ftr.com
Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

Alison,

Thank you for the response. That is strange that did not receive my e-mails until yesterday! Since I hadn't heard from you, I was going to give you a call today—but it looks like you've got all the information in front of you now.

So, it sounds like these cables laying at/running along the bottom of the ravine are not Frontier's facilities?

In that case, I am assuming that Frontier does not have a concern about them, particularly within the context of the County's project: [Porter Co. Shorewood Forest 90% Utilities](#). I am wanting to confirm with you, because with the ravine to be restored as part of the project, the cables running along the bottom of the ravine will be buried under 7 FT-10 FT of fill sand, rip rap, and boulders/outcropping stone. And with new storm sewer to be installed within the ravine, the cable that runs westerly up the ravine toward Shorewood Dr. may be in the way of the new storm sewer—since our storm sewer install is shallow, the contractor should be able to work around it, but, if they are abandoned/have no owner, then there is no reason to work around the cable.

If those cables laying at/running along the bottom of the ravine are not Frontier's facilities, I suppose that we should assume that Frontier's facilities are still buried and that they cross the ravine—perpendicularly—within the rear yard easement, as shown on the mapping you provided. Regarding those (which are not yet shown on the plans due to uncertainty as to whether or not those cables running along the bottom of the ravine were yours or not—but since they are not, we will add those mapped crossings of the ravine to the plans)—the 1-50 PR copper cable and 1-48 fiber cable buried in the easement behind the houses—they will be buried within the ravine under an additional 7 FT-10 FT of fill sand and rip rap. I am assuming Frontier does not have an issue with this?

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Alison Buchanan <abuchanan@troyergroup.com>
Sent: Monday, October 21, 2024 1:38 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: chuck.mckean@ftr.com
Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

Sorry for the delay in my reply.
For some odd reason, I only got the e-mails this morning.

I have researched the FTR records as far back as 1976 and I was not able to find anything that showed cable going west of the ravine towards Shorewood Drive. I thought it might have been an old abandoned in place cable but not according to the old records.

Alison Buchanan | OSP Engineer

abuchanan@troergroup.com | c 219-508-1442

3930 Edison Lakes Parkway, Mishawaka IN. 46545 | troergroup.com



From: Michael Novotney <MichaelN@wesslerengineering.com>

Sent: Thursday, October 3, 2024 8:29 AM

To: Alison Buchanan <abuchanan@troergroup.com>

Cc: chuck.mckean@ftr.com

Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

You don't often get email from michaeln@wesslerengineering.com. [Learn why this is important](#)

Alison,

Good morning! I was reaching out to follow up on Porter County's Shorewood Forest Ravine Restoration & Storm Sewer Improvements project and the information that I shared with you last month.

Due the project being funded by American Rescue Plan Act (ARPA) funds, we have had to move quickly through the design process in order to get to the point where the County can award a construction services contract by the end of 2024. In order to stay on that schedule, the County will need to release bidding documents in early Nov., which is just a month away at this point.

So, I am following up at this point to see if the cables that I located at the bottom of the ravine are indeed Frontier's facilities and, if so, what, if any, action(s) Frontier would like to take prior to the start of construction of the County's ravine restoration project.

While the County needs to award the construction services contract by the end of the year, in order to comply with the ARPA requirements, construction does not need to be completed until 2026. So, there is time to accommodate relocations or other actions prior to the start of construction. But, at this point, by the end of this month (say Oct. 28), we need to know the date on which Frontier will complete any work that needs to be completed prior to the start of construction so that we can let bidders know in the bidding documents the earliest date on which construction can begin.

Please let me know what other information I can provide, how I can assist you, etc.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Michael Novotney
Sent: Monday, September 9, 2024 11:05 AM
To: Alison Buchanan <abuchanan@troycgroup.com>
Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>; chuck.mckean@ftr.com
Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

Alison,

I was able to visit the site on Fri., Sep. 6 to see what Frontier's locator was able to identify in the field. The locator did flag and paint the approx. location of 2 cables at the top of bank in the rear yard of 219 Shorewood Dr. From there, the cables drop into the ravine – and they are exposed on the surface, basically from the top of bank to the bottom of the ravine.

At the bottom of ravine, what I am assuming is the 48 strand fiber cable (because of the diameter of the cable) is coiled over itself several times, with quite a bit of cable left exposed on the bottom of the ravine. I was unable to track this cable from this point, so not sure if it continues to the north, as per the information you originally provided.

What appears to be the 50 pair copper cable shows up at the bottom of the ravine as well, and heads west from the point where it drops into the ravine, along the bottom of the ravine, all the way to the head of the ravine. It is exposed along much of the 75 FT +/- run between where it drops into the ravine and the head of the ravine. From the head of the ravine, it appears to continue running westerly toward Shorewood Dr.

What I found does not appear to be consistent with the information you originally provided about Frontier's facilities, assuming that the cables that I found are Frontier's facilities. Since they are exposed at the bottom of the ravine, and appear to run along the bottom of the ravine, rather than simply crossing the ravine, I am concerned that they are in conflict with our project. At best, the utility owner is satisfied with their existing condition and location, and they will be buried under 10 FT +/- of sand and boulders. At worst, the cable that runs westerly up the ravine toward Shorewood Dr. is in conflict with the construction of our new storm sewer that will also run westerly up the ravine.

I would request that you review this information and, if possible, as a first step, confirm that these cables are indeed Frontier's facilities. No other utilities are claiming that they have facilities in the rear yards here. From there, it may be beneficial to meet on site to review and discuss in person, because although I've tried to summarize the situation in notes and photos, I'm sure that there are questions that would be best answered looking at this in the field.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://WesslerEngineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Wednesday, August 21, 2024 9:09 AM
To: Alison Buchanan <abuchanan@troycgroup.com>

Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>; chuck.mckean@ftr.com
Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

Alison,

Thanks for the additional information and for confirming the location of Frontier's facilities in the rear yards. I have called in a new locate request for the rear yards of 219 Shorewood Dr. & 221 Shorewood Dr. and will see what the locator identifies for us. Looking back at the ticket that our surveyor submitted back in May was a request to "locate along the property line between 219 & 221", which should have been enough to warrant a "you want me to go the whole property line, all the way to the back?" discussion between the locator and our surveyor, but in fairness, the ravine/property line is really rough terrain.

I thought I would note that the ravine is quite severely eroded – in the area of the rear yard easement, the ravine has eroded 12 FT +/- below the adjacent grade – and some large trees have recently fallen in the area, so wherever Frontier's cables cross the ravine, they may be exposed. There is a lot of woody debris and other material (e.g., fencing, landscape pavers, downspout pipe – all of which has eroded in) in the area, but I'll take a closer look and share what I find once the locator has completed their work.

Let's reconnect at that point to continue the discussion, but I agree with your summary that there is not a conflict between our project and Frontier's existing facilities (we've intentionally designed the new storm infrastructure to avoid existing utilities), but there are crossings that the contractor needs to be aware of and where they will need to take the necessary precautions to protect Frontier's existing facilities.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Alison Buchanan <abuchanan@troyergroup.com>
Sent: Monday, August 19, 2024 4:30 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>; chuck.mckean@ftr.com
Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

Please see my reply in **red** below.
Thank you.

Alison Buchanan | OSP Engineer
abuchanan@troyergroup.com | c 219-508-1442
3930 Edison Lakes Parkway, Mishawaka IN. 46545 | troyergroup.com



From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Monday, August 19, 2024 7:50 AM
To: Alison Buchanan <abuchanan@troycgroup.com>
Cc: Pavlo Shyrokov <PavloS@wesslerengineering.com>; chuck.mckean@ftr.com
Subject: RE: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

You don't often get email from michaeln@wesslerengineering.com. [Learn why this is important](#)

Alison,

Thank you for your response and for coordinating with us and Porter County on this important project.

I have reviewed the information that you provided and did have one initial question for you. The exhibit you provided indicates that there is 1-50 PR copper cable and 1-48 fiber cable buried on the east side of Shorewood Dr. – behind the houses. Is this correct – that the facilities are located behind the houses? Or are they within the R/W?

They are buried behind the houses in utility easement.

As a note, we did call in locates prior to conducting a topographic and site feature survey of the area. The locator did not mark any telecommunication lines in the area you have indicated – and our locate request did extend along the entire length of that ravine. We also noted during our survey that there are telecom pedestals w/in the R/W along the east side of Shorewood Dr., but no facilities were located between or adjacent to these facilities – maybe these are Frontier's? **No, they are not.**

The locator did mark the telecommunications facilities (i.e., 2-900 PR copper, 1-144 fiber) located on the west side of Shorewood Dr.

As shown on Sheets 7-8 of the plan set that we sent you, there are three planned crossings of the telecommunication facilities on the west side of Shorewood Dr. New storm sewer is to be installed below Frontier's facilities, at approx. 8-9 FT deep, and will cross perpendicularly or close to it in all three locations. **If your proposed new storm sewer is to be around 8'9' deep, there shouldn't be any conflict. Just be mindful that FTR's facilities are there.**

There would be one crossing of any telecommunication facilities on the east side of Shorewood Dr. – the depth and separation distance between the new storm and Frontier's cables depends on where Frontier's facilities are actually located. **Please call IUPPS for locate and ask them to flag the location as well. If they do not respond to your satisfaction, please let us know so we can contact their supervisor.**

Please see the attached markups on the information you sent me, which illustrates the comments I've provided above. **I will do revisit your most current attachment.**

After you've had a chance to review, I do think it would be beneficial to have a coordination videoconference about this project and the information you've provided. Can you give me a few dates and times in the coming week or so that would work for you? Thank you! **I am mostly available except for Tuesday and Thursday mornings from 9-10 PDST.**

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230

From: Pavlo Shyrokov <PavloS@wesslerengineering.com>
Sent: Wednesday, August 14, 2024 4:40 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Subject: FW: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

FYI

Pavlo Shyrokov, E.I. | Engineer
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P:317-788-4551

From: Alison Buchanan <abuchanan@troycgroup.com>
Sent: Wednesday, August 14, 2024 11:50 AM
To: Pavlo Shyrokov <PavloS@wesslerengineering.com>
Cc: Mckean, Charles <Chuck.McKean@ftr.com>
Subject: Conflict Analysis Shorewood Forest Stormwater MGT from Frontier (FTR)

****WARNING: External email, verify sender before opening attachments or clicking on links.****

Good morning,

Per attached, Frontier's existing buried copper and fiber cables are identified along with possible conflict locations.

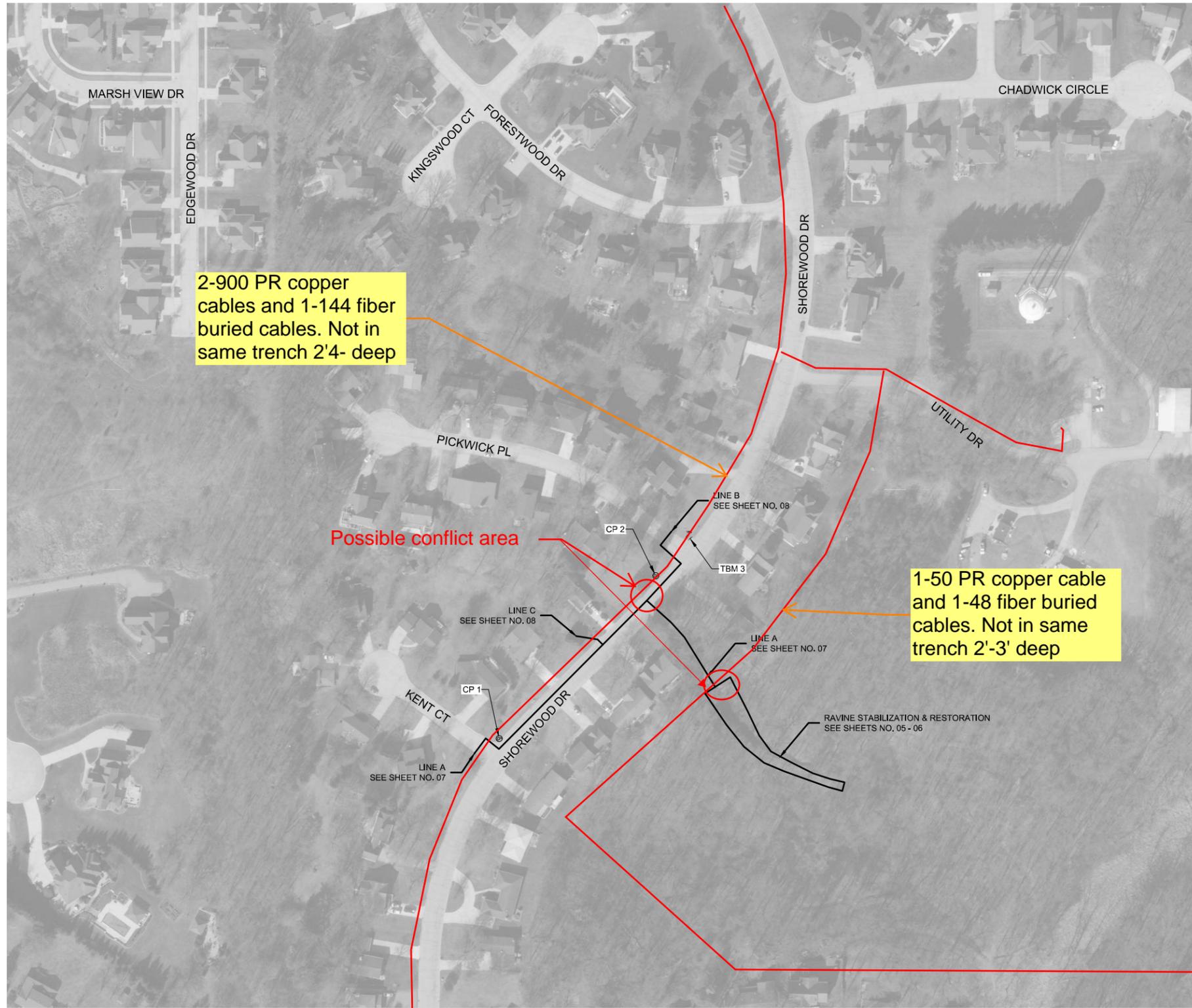
Please contact IUPPS for locates.

Thank you.

Alison Buchanan | OSP Engineer

abuchanan@troycgroup.com | c 219-508-1442
3930 Edison Lakes Parkway, Mishawaka IN. 46545 | troycgroup.com





2023 IMAGERY FROM INDIANA STATE MAP.

LOCATION AND SCOPE OF WORK PLAN



HORIZONTAL AND VERTICAL CONTROL INFORMATION

NOTES:

1. A FIELD SURVEY WAS PERFORMED IN (JUNE 2024).
2. GRID COORDINATES (INDIANA STATE PLANE, WEST ZONE, NAD 83) INCORS BASE POINT RTCM0042, GEOID18.
3. ELEVATIONS (NAVD 88) ARE GPS TRANSFERRED FROM INDOT "BM" L0689 TO TBM NO. 3.
4. UNITS ARE U.S. SURVEY FEET.
5. CONTROL POINTS WERE SET USING GPS.
6. A LEVEL LOOP WAS PERFORMED ON THE CONTROL POINTS AND TBMS.

BENCHMARK DESCRIPTION:

1. TBM NO. 3 - CUT X SOUTHWEST BONNET BOLT ON THE FIRE HYDRANT IN THE NORTHWEST CORNER OF PICKWICK PLACE AND SHOREWOOD DRIVE. EL 750.38
2. INDOT "BM" - L0689 - BRONZE DISK SET IN THE MIDDLE OF NW WINGWALL AT THE SW END OF BRIDGE STRUCTURE 2-64-6833 OVER SIEVERS DITCH (HALL CREEK), SECTION 4, T 34N, R 8W, PORTER TOWNSHIP, PORTER COUNTY, INDIANA. EL 730.88

CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 1	2264586.55	2935042.78	755.36	5/8" REBAR
CP 2	2264857.10	2935303.60	751.94	5/8" REBAR

DRAWING INDEX	
SHEET NO.	DESCRIPTION
GENERAL	
01	TITLE SHEET
02	DRAWING INDEX, AND LOCATION AND SCOPE OF WORK PLAN
03	GENERAL SHEET
PLAN AND PROFILE SHEETS	
04	EXISTING CONDITIONS - DEMOLITION
05	RAVINE - SITE STABILIZATION PLAN
06	RAVINE - SITE RESTORATION PLAN
07	LINE A - PLAN AND PROFILE
08	LINES B AND C - PLAN AND PROFILE
DETAILS AND TABLES	
09	STRUCTURE DATA TABLE
10 - 11	MISCELLANEOUS DETAILS
12 - 13	EROSION CONTROL DETAILS

Please contact IUPPS for locates.

**PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION**

7/3/2024

SCALE VERIFICATION	DRAWN BY	JRW	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
BAR IS ONE INCH LONG ON ORIGINAL DRAWING 	CHECKED BY	WBH				
	APPROVED BY	MEN				
	ISSUE DATE	JULY 2024				
	PROJECT NUMBER	277824-04-001				



RAVINE RESTORATION & STORM SEWER IMPROVEMENTS

PORTER CO. DEPT. OF DEVELOPMENT & STORMWATER MGMT
SHOREWOOD FOREST SUBDIVISION

DRAWING INDEX, AND LOCATION AND SCOPE OF WORK PLAN

SHEET NO.

02

TOTAL SHEETS

13

INDIANA AMERICAN WATER

Michael Novotney

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Sent: Tuesday, November 26, 2024 10:36 AM
To: Michael Novotney
Cc: Rachel Alfaro
Subject: RE: Porter County Shorewood Forest Utility Forms

Thanks Mike! The dropbox link worked.

Amrit Singh, PE

INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Tuesday, November 26, 2024 10:46 AM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Amrit,

I received your voicemail this morning noting that you are having issues accessing the Microsoft 365 Sharepoint site. I'm resending the link below and have also uploaded the plans to Dropbox and am sharing that link below as well. I know that there are systemic issues with Microsoft 365, so maybe that is the issue, because there are no login requirements associated with the Sharepoint site link I'm sharing with you.

Sharepoint: [Porter Co. Shorewood Forest Final Utilities](#)

Dropbox:

<https://www.dropbox.com/scl/fo/w4ues225ikojaqo1ytyo9/AKEw000Z54aNdx0UzBmNSZM?rlkey=aaekqq47s5jpi2gycyg9pq4g6&st=d5gdztai&dl=0>

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Monday, November 25, 2024 8:59 AM
To: 'Indiana On-Call Services' <Indianaon-callservices@amwater.com>
Cc: 'Rachel Alfaro' <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Amrit,

Good morning! I am just following up on the status of INAW's work plan for the water main relocates that are anticipated to be needed in order to accommodate this storm sewer improvements/replacement project in the Shorewood Forest subdivision. The project is currently out for bid, with the final addendum scheduled to go out tomorrow by 4:30 PM CST. If possible, I would like to include INAW's work plan and the final utility coordination form (attached again here) in that addendum.

Hope all is well and look forward to hearing from you again soon. Thank you for your continued coordination with us on this project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://WesslerEngineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Wednesday, November 6, 2024 8:13 PM
To: 'Indiana On-Call Services' <Indianaon-callservices@amwater.com>
Cc: 'Rachel Alfaro' <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Amrit,

As we've discussed, here (please use the link below) are the updated/final plans for Porter County's Ravine Restoration & Storm Sewer Improvements project located within Shorewood Forest Subdivision. These final plans reflect the final revisions that we made to the storm sewer depths, as previously summarized in my e-mail dated Wed., Oct. 30. Please use these drawings to facilitate the preparation of your work plan.

 [Porter Co. Shorewood Forest Final Utilities](#)

As you are preparing your work plan, please also fill out the attached final utility coordination form. Simply return the form to me with your work plan when the work plan is ready for distribution.

I very much appreciate your continued coordination with us on this project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://WesslerEngineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Tuesday, November 5, 2024 6:06 AM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Amrit,

Thank you for following up with this information. I will get the updated/final plans to you and Rachel as soon as they are ready for distribution.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](http://WesslerEngineering.com)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Sent: Monday, November 4, 2024 4:15 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Good afternoon Mike,

Thanks for the phone call today. You can use May 31, 2025 as the target completion date for INAW's relocation.

Although we'll be doing some potholing to verify some of the conflicts, we'll still put together a "worst-case scenario" workplan to include in your bidding documents. We'll keep an eye out for your updated drawings in order to prepare that workplan.

Thank you!

Amrit Singh, PE
INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Wednesday, October 30, 2024 12:55 PM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>

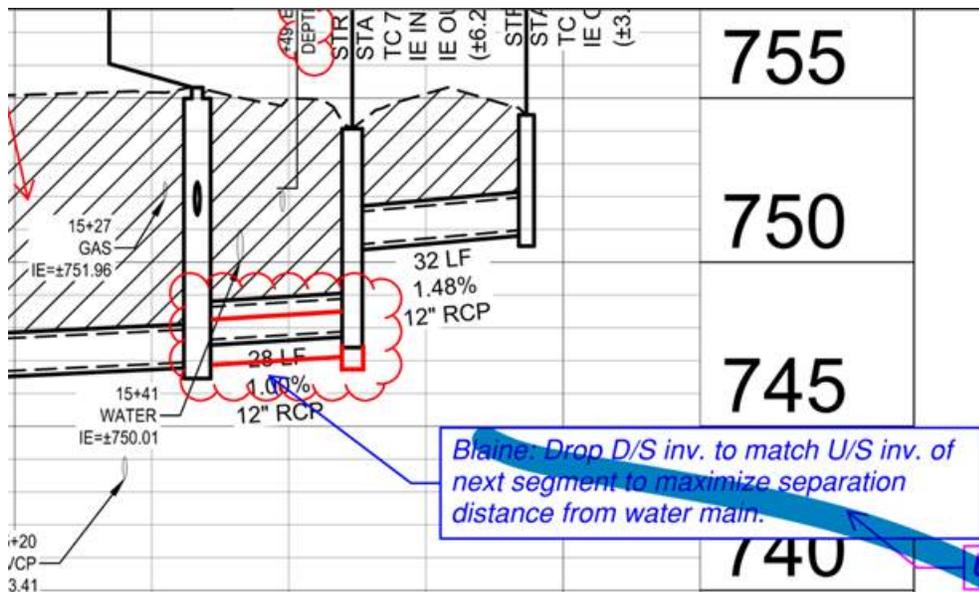
EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Good morning Amrit,

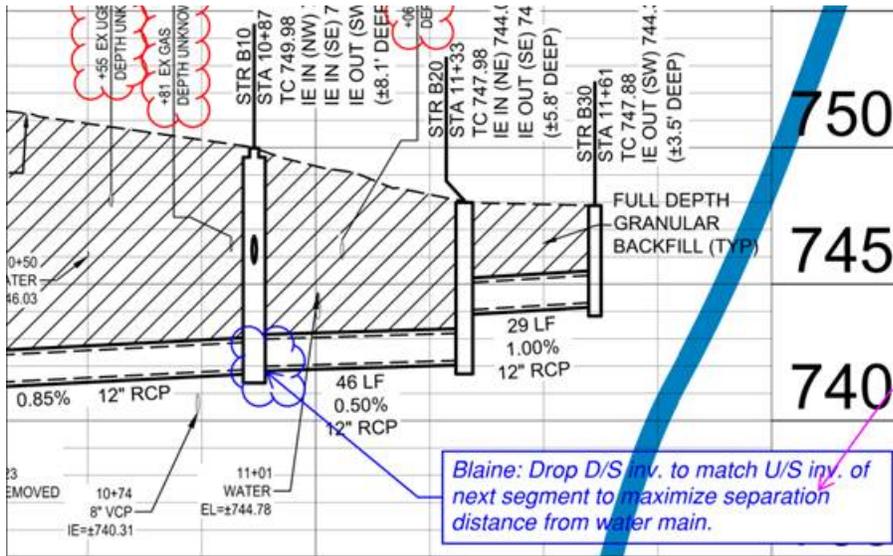
We are working toward finalizing the bidding documents for this project by the end of this week, and I wanted to reach out to you for an update as to the progress of developing your work plan for this project. Ideally, we would have at least a preliminary indication from you by the end of the week as to the timeline for any relocation work to be completed by INAW so that the County's bidders can be made aware of an Earliest Date to Begin Work. INAW's work plan could follow thereafter, as I appreciate the internal coordination needed to further evaluate the system and details of the work plan.

I also had a couple of updates for you regarding adjustments to our plans/storm sewer depths:

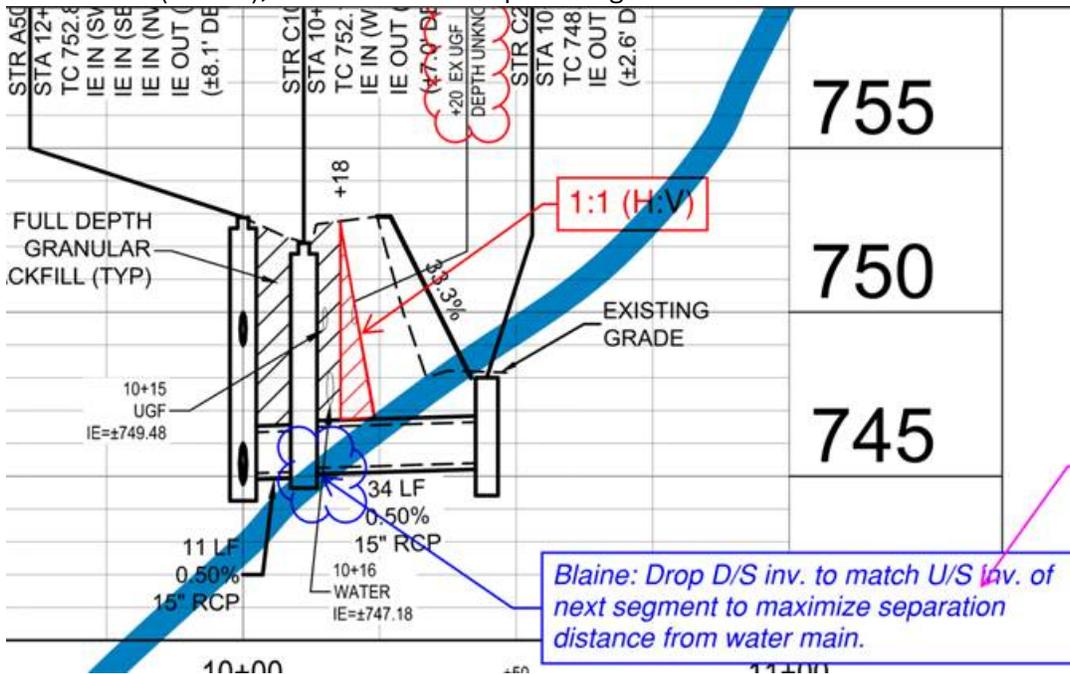
- Regarding Line A, we have further lowered the storm sewer between STR A60 & STR A70 on the north side of Kent Ct. at Shorewood Dr. to maximize the separation distance between the storm sewer and INAW's 12" D.I. water main. Our CAD group has not yet completed the drawing updates, but a screenshot of the changes that are being made is provided below. This change looks like it will provide approx. 18" between the storm sewer and the water main in this location, again assuming that the depth to the top of the water main is 4 FT 6 IN (or less), which is based on potholing that Porter Co. conducted in the area. As with all of our contract documents, the Contractor will be required to protect the water main during construction and we can apply any special provisions that you might want to see at this crossing.



- Regarding Line B, we were able to lower the storm sewer between STR B10 & STR B20 on the south side of Pickwick Pl. at Shorewood Dr. by another 0.1 FT to maximize the separation distance between the storm sewer and INAW's 12" D.I. water main. Again, a screenshot of the changes that are being made is provided below. This provides closer to 6" of separation distance, again assuming that the depth to the top of the water main is 4 FT 6 IN (or less), which is based on potholing that Porter Co. conducted in the area.



- Regarding Line C, we were able to lower the storm sewer between STR C10 & C20 on the west side of Shorewood Dr. by another 0.1 FT. FT to maximize the separation distance between the storm sewer and INAW's 12" D.I. water main. Again, a screenshot of the changes that are being made is provided below. This provides closer to 6" of separation distance, again assuming that the depth to the top of the water main is 5 FT (or less), which is based on potholing that Porter Co. conducted in the area.



I sincerely appreciate your continued coordination with us on this project!

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

Wessler Engineering, Inc.

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

From: Michael Novotney
Sent: Tuesday, October 22, 2024 10:00 AM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: INAWC - Utility Coordination <inutilitycoordination@amwater.com>; Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Thank you Amrit. I appreciate your continued coordination with us on this project—and your understanding of our compressed timeline to get this project out to bid. Thank you for the heads up on the fact that the whole system would have to go offline to accommodate any lowering/offset work—we’ve certainly done our best to try to avoid that! I’ll look forward to your response and additional input.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Sent: Sunday, October 20, 2024 1:18 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: INAWC - Utility Coordination <inutilitycoordination@amwater.com>; Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Good afternoon Michael,

Thank you for providing a revised, draft storm sewer design. We’ll get back to you ASAP on our review.

2 key items we just wanted to make you aware of:

- One, as mentioned earlier on and in your email below, we’ll certainly need to still pothole at the *exact crossings* between existing water main and proposed storm. This is because the prior potholes are several feet away from the actual crossing locations, so are not indicative of the true water main depths at the crossings.
- Second, even just 1 shutdown of this water main for something as simple as lowering/offset will put out the entire subdivision and customers further south, over ~ 1,000 customers. So, as we prepare a “worst-case” scenario workplan, there may need to be some internal discussions to evaluate the system-wide impact and how the workplan ultimately should read.

Will touch base ASAP.

Thank you!

Amrit Singh, PE
INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Friday, October 11, 2024 2:00 PM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: INAWC - Utility Coordination <inutilitycoordination@amwater.com>; Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Amrit & Rachel,

Thank you for the ongoing coordination regarding this project.

We have reviewed and adjusted the design of the proposed storm sewer in an effort to avoid conflicts with INAW's existing facilities. Please see the attached working 90% drawings, complete with notes regarding all utilities on site.

- Regarding Line A, we believe we have enough clearance above Shorewood Forest Utilities' 8" VCP sanitary sewer crossing Shorewood Drive on the north side of Kent Ct. and the sanitary sewer laterals serving 218 & 220 Shorewood Dr. to be able to pass under INAW's 12" D.I. water main with at least 6 IN of clearance. This assumes that the depth to the top of the water main is 4 FT 6 IN (or less) – which is based on potholing that Porter Co. conducted in the area. We cannot practicably lower the proposed storm sewer any further because of the depth of the sanitary sewer laterals serving 218 & 220 Shorewood Dr. As with all of our contract documents, the Contractor will be required to protect the water main during construction and we can apply any special provisions that you might want to the this crossing if the 6 IN vertical separation is acceptable.
- Regarding Line B, this one is more difficult. We have lowered the proposed storm sewer as much as we can before we get into conflicts with Shorewood Forest Utilities' 8" VCP sanitary sewer crossing Shorewood Dr. on the south side of Pickwick Pl. With these changes, we should be able to pass under INAW's 12" D.I. water main with 3 IN of clearance. This assumes that the depth to the top of the water main is 4 FT 6 IN (or less) – which is based on potholing that Porter Co. conducted in the area and the fact that the ground elevations to the south (where the potholing was conducted) drop steeply to this intersection. Again, we cannot practicably lower our proposed storm any further because of the depth of the SFU sanitary sewer here.
- Regarding Line C, this one is also more difficult. We have lowered the proposed storm sewer and reconfigured the ditch inlet here from a pipe and flared end section to a drop inlet structure to try and get under INAW's water main. With these changes, we should be able to pass under INAW's 12" D.I. water main with 3 IN of clearance. This assumes that the depth to the top of the water main is 5 FT (or less). We cannot practicably lower our proposed storm any further because of the depth of the sanitary sewer lateral serving 220 Shorewood Dr., which is located just downstream (north) of Structure A50.

We have certainly tried our best to avoid conflicts with INAW's existing facilities, given all of the site constraints and known information. Please re-review and, if necessary, begin putting together a workplan that identifies any further subsurface investigation (potholing) that may be desired and the extent of relocation (*if relocation still will be necessary*) and the proposed INAW timeline so that the County's bidders can be aware.

If INAW would like further potholing to be conducted in any location (to confirm depth assumptions and/or that relocation is indeed required), I am sure that we can coordinate with the County to have that work completely, but

I do not believe that they would be able to complete it prior to our deadline for providing them with bidding documents.

So, my recommendation would be to err on the side of caution – if you believe that relocation is in any way going to be needed, begin putting together your workplan for such relocation(s). If further subsurface investigation at a later date confirms that you won't need to relocate, that will be fine, the County would just be able to issue a notice to proceed to the contractor at an earlier date.

Please let me know if you have any questions or would like to discuss further via phone or videoconference. I very much appreciate your coordination with us on this quick moving project!

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>

Sent: Thursday, October 3, 2024 11:13 AM

To: Michael Novotney <MichaelN@wesslerengineering.com>

Cc: INAWC - Utility Coordination <inutilitycoordination@amwater.com>; Rachel Alfaro <Rachel.Alfaro@amwater.com>

Subject: RE: Porter County Shorewood Forest Utility Forms

Good morning Michael,

Appreciate the feedback and certainly understand your fast-paced timeline due to ARPA funding schedule. That would be great if some design revisions can be made to accommodate the existing water facilities.

What you mentioned about only needing to bid this year, but not needing to be complete until 2026, that makes this much more feasible! After your potential design revisions, we can certainly re-review & put together a workplan that identifies the extent of relocation (*if relocation still will be necessary*) and the proposed INAW timeline so that your bidders can be aware. This step would not be an issue.

The 1 comment I wanted to make is if design revisions are being considered, sometimes it may be beneficial to consider kind of an *intermediate review*. This would be helpful since the depth of the water main at the originally "potholed" location may be different than the depth of the water main at the "revised" location.

Feel free to reach out if any questions come up in the meantime.

Thank you!

Amrit Singh, PE

INAW Utility Coordination On-Call Services

Indiana-American Water Company, Inc.

P: 317-220-4918

E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>

Sent: Thursday, October 3, 2024 11:39 AM

To: Indiana On-Call Services <Indianaon-callservices@amwater.com>; Rachel Alfaro <Rachel.Alfaro@amwater.com>

Cc: INAWC - Utility Coordination <inutilitycoordination@amwater.com>

Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Amrit & Rachel,

Thank you for the conflict analysis and for your input regarding anticipated conflicts between the proposed storm sewer and INAW's existing facilities.

We are currently reviewing the design and evaluating the potential to adjust the depth of the proposed storm sewer in order to avoid conflicts with INAW's existing facilities. We will have more information and updated plans for review very soon.

I also appreciate your input regarding the need for the utility coordination process to begin as early as possible. I fully agree with that. Shortly after we began work on the project in Jun. 2024, we reached out to you and other utilities with a preliminary/30% plan set for review.

Due the project being funded by American Rescue Plan Act (ARPA) funds, we have had to move quickly through the design process in order to get to the point where the County can award a construction services contract by the end of 2024. In order to stay on that schedule, the County will need to release bidding documents in early Nov., which is just a month away at this point.

In the event that we cannot practicably avoid conflicts with INAW's existing facilities, please note that while the County needs to award the construction services contract by the end of the year (in order to comply with the ARPA requirements) construction does not need to be completed until 2026. So, there is time to accommodate relocations or other actions prior to the start of construction. But, at this point, by the end of this month, we will need to work closely with you Rachel to establish a date by which INAW can complete any necessary relocations so that we can let bidders know in the bidding documents the earliest date on which the site will be ready and that construction of the County's project can begin.

Rachel, I will reach out to you as soon as we have additional/updated information to share regarding our efforts to adjust the depth of the storm sewer in order to avoid conflicts with existing facilities.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](http://www.wesslerengineering.com)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>

Sent: Thursday, September 12, 2024 8:28 PM

To: Michael Novotney <MichaelN@wesslerengineering.com>

Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>; INAWC - Utility Coordination <inutilitycoordination@amwater.com>; Rachel Alfaro <Rachel.Alfaro@amwater.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Hi Michael,

Attached is the **conflict analysis** response. Rachel Alfaro will be the INAW contact for this project.

There are water main conflicts anticipated with the proposed storm sewer construction based on your pothole results and assumed bury depths. Further field investigation may be required.

I noticed the contract bid date for this project is October of this year. I didn't see what your target utility relocation date is. However, as you finalize the storm sewer design, please keep in mind that if water main relocation is needed, INAW would need sufficient time for internal allocation of work, design, bidding, material procurement and construction. This process can take a *minimum* of 3-5 months, even for these minor relocations, given the volume of relocations INAW has throughout the state.

We understand local projects do not need to follow the standard INDOT utility coordination process. However, we certainly encourage all projects/utility coordinators to utilize that process, so that projects are communicated early on with an *initial notice*. This is especially important because, when the INDOT process is not utilized, utility relocation is less likely to meet the City/Town's schedule.

Appreciate your understanding! We'll keep an eye for the next round of design updates. If additional potholing will be needed at this next stage, that can be coordinated as well, if applicable.

Thank you!

Amrit Singh, PE

INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Tuesday, September 10, 2024 11:44 AM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Good morning Amrit. I was just writing to follow up with you regarding regarding the status of your conflict analysis for this project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Sent: Thursday, August 29, 2024 5:51 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovok <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Appreciate the quick response and the updated plan set. We will review the new plans along with the info shared below and get back to you ASAP. We're targeting the end of next week if that works with your schedule.

Thank you!

Amrit Singh, PE
INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Thursday, August 29, 2024 5:15 PM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovok <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Amrit,

Thank you for your response.

When we initially reached out to you back on Jul. 16, we had just reached 30% design. Our 30% plan set (which you previously received) included information about the horizontal alignment of the contemplated stormwater improvements but, as you've pointed out below, did not include information about the vertical profile of the proposed improvements. We were waiting on information from a subsurface utility investigation (i.e., hydroexcavation/potholing and measure down) that was conducted by Porter County and additional information from Shorewood Forest Utilities regarding depth to sanitary building laterals before adding the vertical profile/information to the plans.

We do have an updated plan set (60% plan set), which the County approved this morning, that you can review for conflict. Please use the following link to access the 60% plan set: [Porter Co. Shorewood Forest 60% Utilities](#).

I would like to note a couple of things as you proceed with your review:

1. The new storm sewers have generally been placed at similar elevations as the existing storm sewers to avoid utility conflicts at crossings.

2. It is generally our goal to avoid the need for relocation of any utility facilities, and I believe that we will be able to accomplish that. Of course, there will still be a number of utility crossings where the contractor will need to take precautions to protect the existing utility facilities (as well as adhere to any special provisions requested by the utilities, which can/will be integrated into the bidding documents).
3. Regarding INAW's facilities, Porter County was able to pothole and locate the main and service lines in two locations, one just south of the intersection of Pickwick Pl. and Shorewood Dr. (near STA. 10+30 on "Line B") and one just north of the intersection of Kent Ct. and Shorewood Dr. (near STA. 15+00 on "Line A"). At Line A, STA. 15+00, the top of water main (10"?) was 4 FT below grade, with a service line (1-1/2"?) heading east across Shorewood Dr. at 5 FT 2 IN below grade. At Line B, STA 10+30, the top of the water main was 5 FT 4 IN below grade, with a service line heading west to serve the residence at 422 Pickwick Pl. at 4 FT below grade.
4. Information gathered via utility coordination and subsurface investigation has not yet been fully incorporated into plan set, as we are awaiting as-built information from several utilities, including INAW. We acknowledge that some adjustment to the depth of the proposed storm sewer may be needed (and is possible) at both the north and south ends of the project (i.e., near Kent Ct. and near Pickwick Pl.) in order to avoid conflicts with INAW's facilities.

Once you've completed your conflict analysis, it will probably be beneficial to have a coordination meeting/videoconference to further discuss the project and the necessary utility crossings.

Thank you for coordinating with us and Porter County on this important project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Sent: Thursday, August 29, 2024 7:23 AM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovok <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Good morning all,

As we're finishing up our review, we noticed the storm structure invert elevations are not all shown yet, so we're not able to complete a typical conflict analysis. Do you just want *utility verification* at this stage, or have you developed an updated plan set that we can further review for *conflict analysis* purposes?

Thank you!

Amrit Singh, PE
INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Indiana On-Call Services
Sent: Wednesday, August 7, 2024 6:21 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

No problem!

Amrit Singh, PE
INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Wednesday, August 7, 2024 11:47 AM
To: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Cc: Jaylen Withem <JaylenW@wesslerengineering.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is MichaelN@wesslerengineering.com "Think before you click!"

Thank you Amrit. We appreciate your response and for coordinating with us and Porter County on this important project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Indiana On-Call Services <Indianaon-callservices@amwater.com>
Sent: Wednesday, August 7, 2024 7:56 AM
To: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Cc: Michael Novotney <MichaelN@wesslerengineering.com>; Jaylen Withem <JaylenW@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

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Good morning Pavlo,

We did receive your original email on July 16 and had added this project to our master list of utility coordination projects needing to be reviewed. We'll get you a response per your due date accordingly and will let you know if we have any questions.

Thank you for checking in!

Amrit Singh, PE

INAW Utility Coordination On-Call Services
Indiana-American Water Company, Inc.
P: 317-220-4918
E: indianaon-callservices@amwater.com

From: Pavlo Shyrokov <PavloS@wesslerengineering.com>
Sent: Tuesday, August 6, 2024 7:37 PM
To: Indiana On-Call Services <indianaon-callservices@amwater.com>
Cc: Michael Novotney <MichaelN@wesslerengineering.com>; Jaylen Withem <JaylenW@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

EXTERNAL EMAIL: The Actual Sender of this email is pavlos@wesslerengineering.com "Think before you click!"

Hello,

It has been 3 weeks without a response, so I am following up on the email below to make sure that you've received it and the associated attachments (utility coordination letter, project plan set, and utility acknowledgement form).

This information is regarding a project that we are assisting Porter County with on Shorewood Drive, between Kent Court and Pickwick Place, to replace severely deteriorated storm sewer and address severe ravine erosion that has taken place in the ravine between 219 Shorewood Drive and 221 Shorewood Drive.

Sincerely,

Pavlo Shyrokov, E.I. | Engineer
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P:317-788-4551

From: Pavlo Shyrokov
Sent: Tuesday, July 16, 2024 8:59 PM
To: indianaon-callservices@amwater.com
Subject: Porter County Shorewood Forest Utility Forms

Hello, find attached a plan set and utility forms for our upcoming storm sewer and ravine restoration project.

Pavlo Shyrokov, E.I. | Engineer
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410

P:317-788-4551

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error, please notify the

NIPSCO ELECTRIC

Utility Acknowledgment Form (UAF)

I Robert Charlton, have received the plans provided to NIPSCO from Wessler Engineering for the Ravine Restoration and Storm Sewer Replacement project that they are working on with Porter County Department of Development and Stormwater Management. It was requested that I, Robert Charlton review the preliminary plans and determine if there are currently existing facilities along the alignments.

I have reviewed the preliminary plans and declare that there are NO existing facilities along the alignments.

I have reviewed the preliminary plans and declared that YES there are existing facilities along the alignments.

I have provided a markup of your original preliminary plan showing our current facilities.

I have noted on the marked-up plans' areas of conflict, which include:

A: _____

B: _____

C: _____

Possible resolutions to the conflicts would include: Per the 60% drawing the drainage will be installed below NIPSCO underground electric. Construction methods have been discussed and it's expected precautions will be taken while working around NIPSCO's underground cables. Therefore, there is no expected conflicts with NIPSCO underground electric facilities.

I do NOT feel that a utility coordination meeting is necessary

I DO feel that a utility coordination meeting would be beneficial

We do NOT know of any future projects withing the plan area

We do have future projects planned within your plan area. Explain: _____

Robert Charlton Name

Robert Charlton
Signature

8/30/2024
Date

Michael Novotney

From: Charlton \ Robert \ Lee <RCharlton@nisource.com>
Sent: Friday, August 30, 2024 1:21 PM
To: Michael Novotney
Cc: Pavlo Shyrovkov
Subject: RE: Porter County Shorewood Forest Utility Forms
Attachments: NIPSCO Utility Acknowledgement Form.docx

Michael,
Attached is the completed form. Let me know if there's anything else you need.

Thank you,



Robert Charlton | Field Engineering
22 S State Rd. 49, Valparaiso, IN. 46383
Cell: 219.789.3593 | [✉ rcharlton@nisource.com](mailto:rcharlton@nisource.com)

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Friday, August 30, 2024 12:13 PM
To: Charlton \ Robert \ Lee <RCharlton@nisource.com>
Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

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Robert,

It was good to talk with you a few weeks back about Porter County's Shorewood Forest Ravine Restoration & Storm Sewer Improvements project within the context of NIPSCO's electric facilities.

Per our conversation, we have now reached 60% completion on our design work, and wanted to share some additional information as you fill out/complete the Utility Acknowledgement Form.

1. When we initially reached out to you back on Jul. 16, we had just reached 30% design. Our 30% plan set (which you previously received – and we previously discussed) included information about the horizontal alignment of the contemplated stormwater improvements but, did not include information about the vertical profile of the proposed improvements. We were waiting on information from a subsurface utility investigation (i.e., hydroexcavation/potholing and measure down) that was conducted by Porter County and additional information from Shorewood Forest Utilities regarding depth to sanitary building laterals before adding the vertical profile/information to the plans.
2. We do have an updated plan set (60% plan set), which the County approved yesterday, and includes information on the vertical profile of the proposed improvements. Please use the following link to access the 60% plan set: [Porter Co. Shorewood Forest 60% Utilities](#).
3. The new storm sewers have generally been placed at similar elevations as the existing storm sewers to avoid utility conflicts at crossings.

4. It is generally our goal to avoid the need for relocation of any utility facilities, and I believe that we will be able to accomplish that. Of course, there will still be a number of utility crossings where the contractor will need to take precautions to protect the existing utility facilities (as well as adhere to any special provisions requested by the utilities, which can/will be integrated into the bidding documents).
5. Regarding NIPSCO's electric facilities, generally, the new storm sewer will be located under the existing electric facilities.

With these notes in mind, I feel that we have minimized potential conflicts between NIPSCO's electric facilities and the proposed stormwater improvements, though the contractor will need to take precautions during construction to protect the existing electric facilities at the crossing locations.

Please let me know if you have additional questions or if you would like to discuss further. Again, I appreciate you coordinating with us and Porter County on this important project!

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Charlton \ Robert \ Lee <RCharlton@nisource.com>
Sent: Tuesday, August 6, 2024 10:03 AM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Michael,
Would you have any time available on Friday? I'd like to setup a Team's meeting to go over your print and plan before completing forms.

Thank you,



Robert Charlton | Field Engineering
22 S State Rd. 49, Valparaiso, IN. 46383
Cell: 219.789.3593 | [✉ rcharlton@nisource.com](mailto:rcharlton@nisource.com)

From: Charlton \ Robert \ Lee
Sent: Thursday, August 1, 2024 7:29 AM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Hildebrandt \ Erik <EHildebrandt@nisource.com>; NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Michael,
Thank you for the response. I will be out of the office until Tuesday August 6th. I'll reach out upon my return.

Thank you,



Robert Charlton | Field Engineering
22 S State Rd. 49, Valparaiso, IN. 46383
Cell: 219.789.3593 | [✉ rcharlton@nisource.com](mailto:rcharlton@nisource.com)

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Wednesday, July 31, 2024 4:25 PM
To: Charlton \ Robert \ Lee <RCharlton@nisource.com>
Cc: Hildebrandt \ Erik <EHildebrandt@nisource.com>; NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

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Robert,

Thanks for your response and for your phone call & voicemail earlier this afternoon. I will give you a call back in the morning to discuss the project. There will indeed be work in the ravine between 219 & 221 Shorewood Dr., but there will also be new storm sewer installed within the paved section of Shorewood Dr., from the intersection of Kent Ct. north to Pickwick Pl., as well as new sets of curb inlets installed at those intersections (Shorewood Dr. & Kent Ct., Shorewood Dr. & Pickwick Pl.). We will be crossing gas and electric, both mains and services, along the way, but will be more than 6.5 FT deep (depth still to be determined based on locations of water mains/services and sanitary sewers/laterals in the vertical), so anticipate no conflicts with the existing gas and electric facilities.

We can discuss further tomorrow. Again, thanks for getting back to us so quickly and for coordinating with us and Porter County on this important project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
Wessler Engineering, Inc.
379 East 84th Drive, Merrillville, Indiana 46410
P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Charlton \ Robert \ Lee <RCharlton@nisource.com>
Sent: Wednesday, July 31, 2024 1:51 PM
To: Pavlo Shyrovkov <PavloS@wesslerengineering.com>; Michael Novotney <MichaelN@wesslerengineering.com>
Cc: Hildebrandt \ Erik <EHildebrandt@nisource.com>; NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

****WARNING: External email, verify sender before opening attachments or clicking on links.****

Pavlo/Michael,

I tried to reach out via your phone number listed in your email signature but received an automated message to leave a voicemail. I also reached out to the contact listed on the notification letter, Michael Novetney and left him a voicemail to call me back.

Based on the provided drawing, I'd like to have a quick conversation with someone close to the project, the construction limits appear out of right of way and not in conflict with NIPSCO electric.

Please reach out to me to discuss the scope of construction. I will then be able to provide you with your completed Utility Acknowledgement Form as requested.

Thank you,



Robert Charlton | Field Engineering
22 S State Rd. 49, Valparaiso, IN. 46383
Cell: 219.789.3593 | [✉ rcharlton@nisource.com](mailto:rcharlton@nisource.com)

From: Charlton \ Robert \ Lee
Sent: Monday, July 22, 2024 2:14 PM
To: Hildebrandt \ Erik <EHildebrandt@nisource.com>; NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

All,
Please send previously attached documents for me to review.

Thank you,



Robert Charlton | Field Engineering
22 S State Rd. 49, Valparaiso, IN. 46383
Cell: 219.789.3593 | [✉ rcharlton@nisource.com](mailto:rcharlton@nisource.com)

From: Hildebrandt \ Erik <EHildebrandt@nisource.com>
Sent: Monday, July 22, 2024 2:09 PM
To: NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>; Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Cc: Charlton \ Robert \ Lee <RCharlton@nisource.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Robert Charlton will be the electric field engineer for this project. He is copied on this email so you have his contact information.

Thanks,

Erik Hildebrandt, PMP® | Leader, Field Engineering



Cell (219) 246-0351
NIPSCO, 22 S. SR 49, Valparaiso, IN 46383

From: NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>
Sent: Monday, July 22, 2024 12:59 PM
To: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Cc: Gas Engineering Cost Tech/NCS/Enterprise <gasengcosttech@nisource.com>; Hildebrandt \ Erik <EHildebrandt@nisource.com>; NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>
Subject: FW: Porter County Shorewood Forest Utility Forms

Hello,

Thank you for the notification in Porter County.

After review, NIPSCO has both gas and electric within the project area. I have attached maps of these facilities for planning purposes only. NIPSCO engineers can do a verification based upon GIS maps and records, but it is the Customers responsibility to call in locates, confirm electric/gas locations, and depths in the field. This needs to be done during design to identify all conflicts. NIPSCO does not perform potholing.

Major public improvement projects, once plans are received, typically it take 12 months or longer to engineer, fund, reserve materials, schedule and construct. The assigned engineer will communicate when construction will start and complete.

If you have any questions or need additional information regarding this project, please let me know.

Erik - Please assign a electric engineer.

Kate - Please assign a gas engineer.

Thank you

Dean A. Garrett

NIPSCO

Senior Project Engineer

801 E. 86th Avenue, Merrillville, IN 46410

Phone: (219) 647-6260

Mobile: (219) 713-6929

Fax: (219) 647- 5222

E-mail: utilitycoordination@nisource.com

***Please Note: These maps show the approximate area location of electric and/or gas facilities. These maps should be used for planning purposes only. They should not be used for locating purposes. For locates, contact IUPPS at 1-800-382-5544 or visit www.Indiana811.org.**

From: Pavlo Shyrovkov <PavloS@wesslerengineering.com>

Sent: Tuesday, July 16, 2024 8:43 PM

To: NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>

Subject: Porter County Shorewood Forest Utility Forms

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Think before you click links or open attachments. If suspicious, please use the report phishing button or forward to security@nisource.com for review.

Hello, find attached a plan set and utility forms for our upcoming storm sewer and ravine restoration project.

Pavlo Shyrovkov, E.I. | Engineer

Wessler Engineering, Inc.

379 East 84th Drive, Merrillville, Indiana 46410

P:317-788-4551

NIPSCO GAS

Utility Acknowledgment Form (UAF)

I Melissa Lyons, have received the plans provided to NIPSCO from Wessler Engineering for the Ravine Restoration and Storm Sewer Replacement project that they are working on with Porter County Department of Development and Stormwater Management. It was requested that I, Melissa Lyons review the preliminary plans and determine if there are currently existing facilities along the alignments.

I have reviewed the preliminary plans and declare that there are NO existing facilities along the alignments.

I have reviewed the preliminary plans and declared that YES there are existing facilities along the alignments.

I have provided a markup of your original preliminary plan showing our current facilities.

I have noted on the marked-up plans' areas of conflict, which include:

A: Pickwick & Shorewood - removal of existing pipe and structure and install of new ones

may conflict with gas main

B: Shorewood Dr between structure A40 & A30 and going into structure A70 - if this is new install

may be conflict with new gas main

C: Shorewood Dr - see box on line C plan - may be in conflict with service to home

Possible resolutions to the conflicts would include: relocate gas main and service to one home or slightly

adjust structures if possible

I do NOT feel that a utility coordination meeting is necessary

I DO feel that a utility coordination meeting would be beneficial



We do NOT know of any future projects withing the plan area



We do have future projects planned within your plan area. Explain: _____

Melissa Lyons Name

Signature

8/29/24

Date

Michael Novotney

From: Michael Novotney
Sent: Monday, November 25, 2024 9:20 AM
To: Lyons \ Melissa \ J
Subject: RE: Porter County Shorewood Forest Utility Forms
Attachments: NIPSCO Gas Final Utility Acknowledgement Form.docx; NIPSCO Gas Final Utility Acknowledgement Form.pdf

Melissa,

Good morning! I hope all is well with you.

I did not hear back from you in response to my last e-mail regarding a coordination meeting/videoconference to further discuss this particular project but, in accordance with the notes I provided below, we proceeded with the design of the project, which is currently out to bid. With the adjustments to the plans that were made in order to address the comments/notes you provided on the 30% plan set—and that other utilities provided throughout the design process—I believe we have minimized any potential conflicts between NIPSCO's gas facilities and the storm sewer improvements/replacement.

Here (please use the link below) are the updated/final plans for Porter County's Ravine Restoration & Storm Sewer Improvements project located within Shorewood Forest Subdivision. These final plans reflect the revisions that we made to the storm sewer alignment to avoid conflicts with NIPSCO Gas's existing facilities, based on your comments/notes on the 30% plan set, and as summarized in my e-mail below. Note that there are still crossings of the existing gas facilities that will be made, under such facilities, where the contractor will need to take precautions to protect the existing facilities, but we do not believe there to be any unresolved conflicts with NIPSCO Gas's existing facilities.

[Porter Co. Shorewood Forest Final Utilities](#)

Please use these drawings to facilitate a final review of/conflict analysis on the project. If you would please fill out and return the attached final utility coordination form to me at your earliest convenience, I would appreciate it.

Note that the project is currently out for bid, with the final addendum scheduled to go out tomorrow by 4:30 PM CST. If possible, I would like to include NIPSCO Gas's final utility coordination form (attached) in that addendum, but realize that I am asking for a quick turnaround during a holiday week. Thank you for your continued coordination with us on this important project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: Michael Novotney
Sent: Friday, August 30, 2024 12:01 PM

To: Lyons \ Melissa \ J <MCowan@nisource.com>
Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

Melissa,

Thanks for coordinating with us and Porter County on this project. Good to hear from you and hope you are doing well!

I've reviewed your markups on the 30% plan set and agree that you've identified potential conflict locations between NIPSCO's gas facilities and the proposed stormwater improvements.

I wanted to note a few things to coordinate with you further on this project.

1. When we initially reached out to you back on Jul. 16, we had just reached 30% design. Our 30% plan set (which you previously received) included information about the horizontal alignment of the contemplated stormwater improvements but, did not include information about the vertical profile of the proposed improvements. We were waiting on information from a subsurface utility investigation (i.e., hydroexcavation/potholing and measure down) that was conducted by Porter County and additional information from Shorewood Forest Utilities regarding depth to sanitary building laterals before adding the vertical profile/information to the plans.
2. We do have an updated plan set (60% plan set), which the County approved yesterday, and includes information on the vertical profile of the proposed improvements. Please use the following link to access the 60% plan set: [Porter Co. Shorewood Forest 60% Utilities](#).
3. The new storm sewers have generally been placed at similar elevations as the existing storm sewers to avoid utility conflicts at crossings.
4. It is generally our goal to avoid the need for relocation of any utility facilities, and I believe that we will be able to accomplish that. Of course, there will still be a number of utility crossings where the contractor will need to take precautions to protect the existing utility facilities (as well as adhere to any special provisions requested by the utilities, which can/will be integrated into the bidding documents).
5. Regarding NIPSCO's gas facilities, generally, the new storm sewer will be located under the existing gas facilities.
6. I would agree that the removal of the existing storm structures and pipes at the intersection of Kent Ct. & Shorewood Dr. and Pickwick Pl. & Shorewood Dr. may present a conflict with NIPSCO's gas facilities – or at least a challenge for the contractor. We have revised (or, in the case of Kent Ct. & Shorewood Dr., will be revising) the plans to remove only the storm sewer structures in these locations, and will abandon the pipes from the structures onward (instead of removing them). See Sheet 4 of the 60% plan set at the intersection of Pickwick Pl. & Shorewood Dr. to see what these revisions look like.
7. I also agree that the previous location of Structure B10 on "Line B" posed the potential for conflict with the existing gas main. We have revised the plans to shift that structure further to the north to provide greater horizontal distance between the new structure and the gas main.
8. Information gathered via utility coordination and subsurface investigation has not yet been fully incorporated into plan set, as we are still awaiting as-built information from several utilities, including INAW. We acknowledge that some adjustment to the depth of the proposed storm sewer may be needed (and is possible) at both the north and south ends of the project (i.e., near Kent Ct. and near Pickwick Pl.) in order to avoid conflicts with INAW's facilities, so this would provide even greater vertical separation between NIPSCO's gas facilities and the new storm sewer.

With these notes in mind, I feel that we have minimized potential conflicts between NIPSCO's gas facilities and the proposed stormwater improvements, but I agree that it would probably be beneficial to have a coordination meeting/videoconference to further discuss the project and the necessary utility crossings. Let me know what your schedule looks like over the next week or so and we'll get a call set up.

Thanks again Melissa and look forward to talking with you soon.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Lyons \ Melissa \ J <MCowan@nisource.com>
Sent: Thursday, August 29, 2024 3:18 PM
To: Pavlo Shyrovkov <PavloS@wesslerengineering.com>
Cc: Michael Novotney <MichaelN@wesslerengineering.com>
Subject: RE: Porter County Shorewood Forest Utility Forms

****WARNING: External email, verify sender before opening attachments or clicking on links.****
Also copying Mike Novotney on this one.

Thanks,



Melissa Lyons (nee Cowan)
Associate Gas Field Engineer | NIPSCO
22 S. SR-49, Valparaiso, IN 46383
cell: 219-384-6405
mcowan@nisource.com

From: Lyons \ Melissa \ J
Sent: Thursday, August 29, 2024 3:17 PM
To: PavloS@wesslerengineering.com
Subject: RE: Porter County Shorewood Forest Utility Forms

Hello Paul,

Please see the attached markups and completed utility acknowledgement form for NIPSCO gas. Let me know if you have any questions on these.

Thanks,



Melissa Lyons (nee Cowan)
Associate Gas Field Engineer | NIPSCO
22 S. SR-49, Valparaiso, IN 46383
cell: 219-384-6405
mcowan@nisource.com

From: Gas Engineering Cost Tech/NCS/Enterprise <gasengcosttech@nisource.com>
Sent: Friday, August 2, 2024 2:05 PM
To: Lyons \ Melissa \ J <MCowan@nisource.com>

Cc: NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>; PavloS@wesslerengineering.com

Subject: FW: Porter County Shorewood Forest Utility Forms

Good afternoon,

The gas engineer assigned to this project is Melissa Lyons. Melissa, please work with Pavlo Shyrovok going forward.

Thanks!

Kate DeMik

Cost Tech II

Cell 219-765-4177

From: NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>

Sent: Monday, July 22, 2024 12:59 PM

To: Pavlo Shyrovok <PavloS@wesslerengineering.com>

Cc: Gas Engineering Cost Tech/NCS/Enterprise <gasengcosttech@nisource.com>; Hildebrandt \ Erik <EHildebrandt@nisource.com>; NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>

Subject: FW: Porter County Shorewood Forest Utility Forms

Hello,

Thank you for the notification in Porter County.

After review, NIPSCO has both gas and electric within the project area. I have attached maps of these facilities for planning purposes only. NIPSCO engineers can do a verification based upon GIS maps and records, but it is the Customers responsibility to call in locates, confirm electric/gas locations, and depths in the field. This needs to be done during design to identify all conflicts. NIPSCO does not perform potholing.

Major public improvement projects, once plans are received, typically it take 12 months or longer to engineer, fund, reserve materials, schedule and construct. The assigned engineer will communicate when construction will start and complete.

If you have any questions or need additional information regarding this project, please let me know.

Erik - Please assign a electric engineer.

Kate - Please assign a gas engineer.

Thank you

Dean A. Garrett

NIPSCO

Senior Project Engineer

801 E. 86th Avenue, Merrillville, IN 46410

Phone: (219) 647-6260

Mobile: (219) 713-6929

Fax: (219) 647- 5222

E-mail: utilitycoordination@nisource.com

***Please Note: These maps show the approximate area location of electric and/or gas facilities. These maps should be used for planning purposes only. They should not be used for locating purposes. For locates, contact IUPPS at 1-800-382-5544 or visit www.Indiana811.org.**

From: Pavlo Shyrovkov <PavloS@wesslerengineering.com>

Sent: Tuesday, July 16, 2024 8:43 PM

To: NIPSCO Utility Coordination/NCS/Enterprise <utilitycoordination@nisource.com>

Subject: Porter County Shorewood Forest Utility Forms

This Message Is From an External Sender

This message came from outside your organization.

Think before you click links or open attachments. If suspicious, please use the report phishing button or forward to security@nisource.com for review.

Hello, find attached a plan set and utility forms for our upcoming storm sewer and ravine restoration project.

Pavlo Shyrovkov, E.I. | Engineer

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P:317-788-4551



0 15 30 60 FT
1" = 30'

GENERAL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN OR AS DETERMINED NECESSARY BY CONTRACTOR TO PROVIDE ADEQUATE CONTROL FOR THE CONSTRUCTION AREA.
2. CONTRACTOR TO REPAIR AND REINSTATE ANY DAMAGED FIELD TILE WITHIN 24 HOURS OF OCCURRENCE.
3. XXX

LEGEND

-  PAVEMENT REMOVAL
-  REMOVE PIPE COMPLETELY
-  REMOVE STRUCTURE
-  REMOVE PIPE COMPLETELY
-  ABANDON PIPE WITH NONSHRINK GROUT



EXISTING CONDITIONS - DEMOLITION

SCALE: 1" = 30'

**PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION**

7/3/2024

Drawing: X:\Porter County\277824-Porter Co. Restore and Storm Sewer\DWG\Sheets\277824-PN-DEM.DWG | Layout: 04-EXISTING CONDITIONS - DEMOLITION | Plotlet: 07/03/24 @ 11:35:50 | LastSavedBy: jasonw

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	APPROVED BY	MEN				
	ISSUE DATE	JULY 2024				
	PROJECT NUMBER	277824-04-001				



RAVINE RESTORATION & STORM SEWER IMPROVEMENTS

PORTER CO. DEPT. OF DEVELOPMENT & STORMWATER MGMT
SHOREWOOD FOREST SUBDIVISION

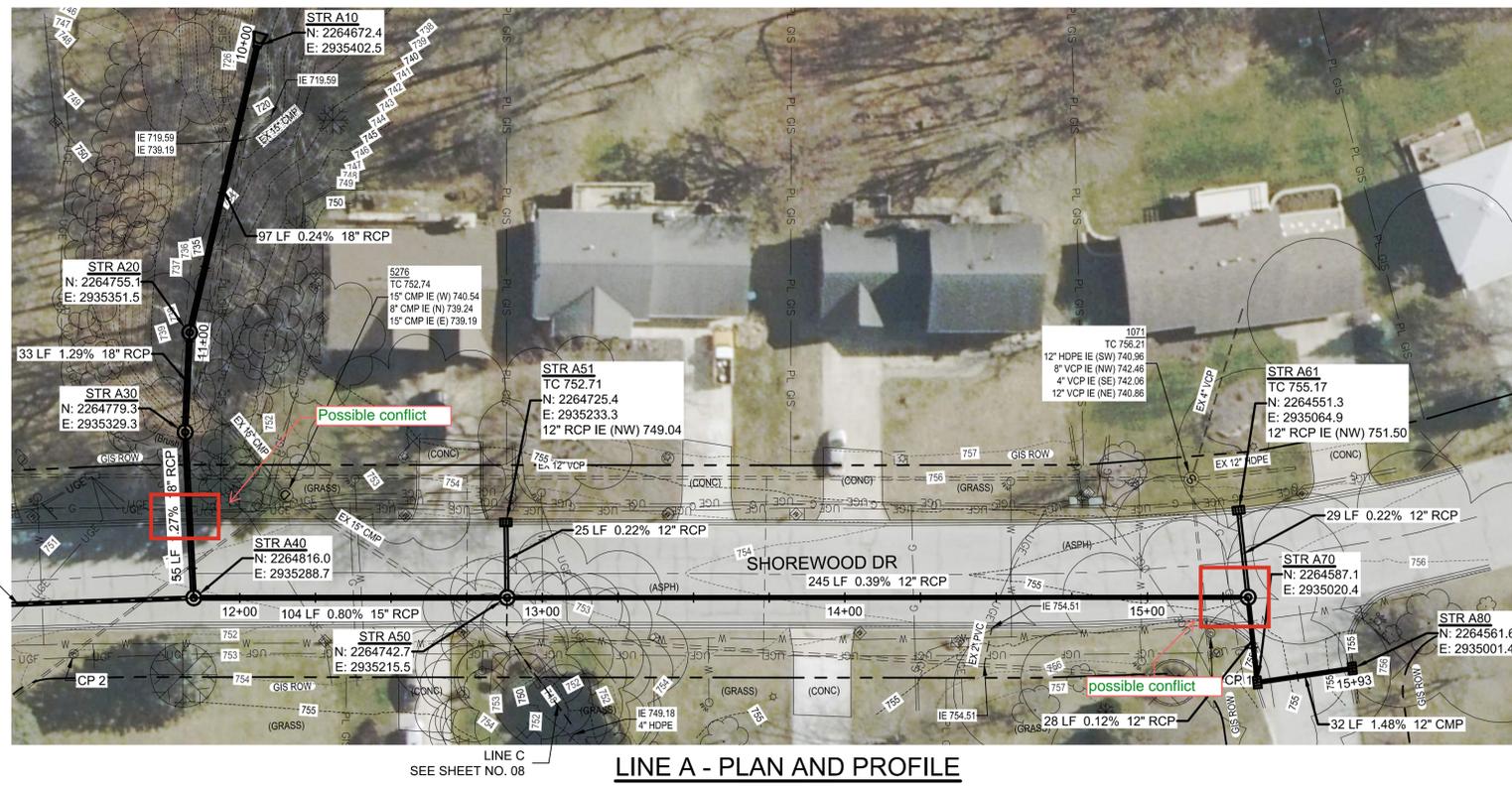
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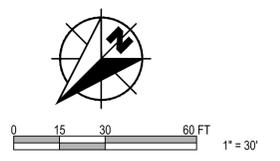
04

TOTAL SHEETS

13



LINE A - PLAN AND PROFILE
SCALE: 1" = 30'



GENERAL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN OR AS DETERMINED NECESSARY BY CONTRACTOR TO PROVIDE ADEQUATE CONTROL FOR THE CONSTRUCTION AREA.
2. CONTRACTOR TO REPAIR AND REINSTATE ANY DAMAGED FIELD TILE WITHIN 24 HOURS OF OCCURRENCE.
3. XXX

KEYED NOTES ○

- D PAVEMENT (LOCAL STREETS) REPAIR AND FULL DEPTH CLASS I BACKFILL
- D1 ASPHALT (INDOT) PAVEMENT REPAIR AND FULL DEPTH CLASS I BACKFILL
- D2 ASPHALT DRIVE REPAIR AND FULL DEPTH CLASS I BACKFILL
- F1 CONCRETE DRIVE REPAIR AND FULL DEPTH CLASS I BACKFILL
- F2 CONCRETE SIDEWALK REPAIR AND FULL DEPTH CLASS I BACKFILL
- N CRUSHED STONE SURFACE REPAIR AND FULL DEPTH CLASS I BACKFILL
- PD APPROXIMATE LOCATION AND DRILL PIT
- PR APPROXIMATE LOCATION OF RECEIVING PIT
- 13 CONCRETE CURB REPAIR, MATCH EXISTING AND FULL DEPTH CLASS I BACKFILL
- 15 CONCRETE CURB AND GUTTER REPAIR, MATCH EXISTING AND FULL CLASS I BACKFILL
- EB EROSION CONTROL BLANKET
- FF FIBER FILTRATION TUBE OUTLET PROTECTION
- I INLET PROTECTION
- SF SILT FENCE

LEGEND

- FULL DEPTH PAVEMENT
- MILL AND RESURFACE PAVEMENT
- CONCRETE SIDEWALK REPLACEMENT
- ASPHALT PAVEMENT REPAIR
- ASPHALT DRIVE REPAIR
- CONCRETE CURB AND GUTTER REPAIR
- CONCRETE DRIVE REPAIR
- CONCRETE SIDEWALK REPAIR
- CRUSHED STONE DRIVE REPAIR
- INLET PROTECTION
- CONCRETE WASHOUT
- EROSION CONTROL BLANKET
- RIP RAP CHECK DAM
- SILT FENCE
- FIBER FILTRATION TUBE

PROFILE - LINE A
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

**PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION**
7/3/2024

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	APPROVED BY	MEN				
	ISSUE DATE	JULY 2024				
	PROJECT NUMBER	277824-04-001				

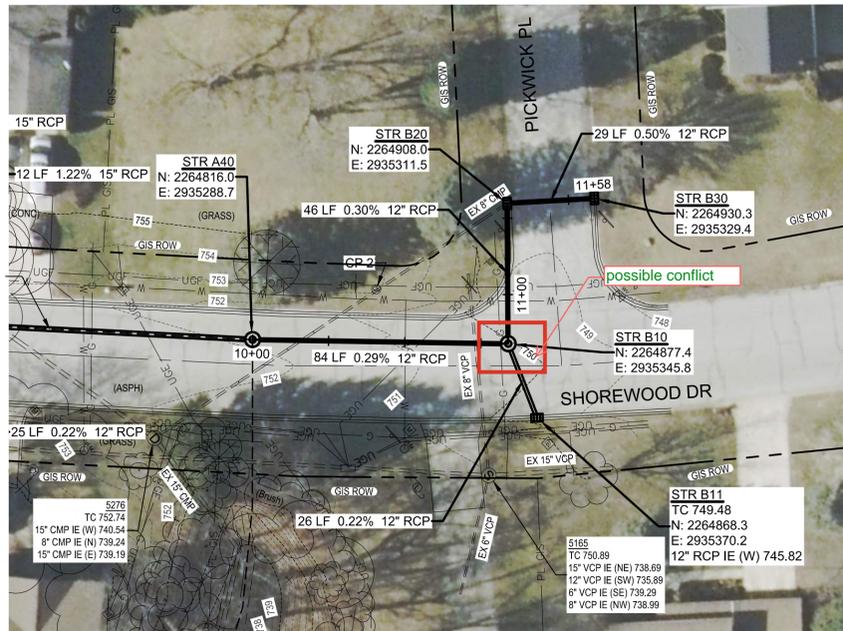


RAVINE RESTORATION & STORM SEWER IMPROVEMENTS
PORTER CO. DEPT. OF DEVELOPMENT & STORMWATER MGMT
SHOREWOOD FOREST SUBDIVISION

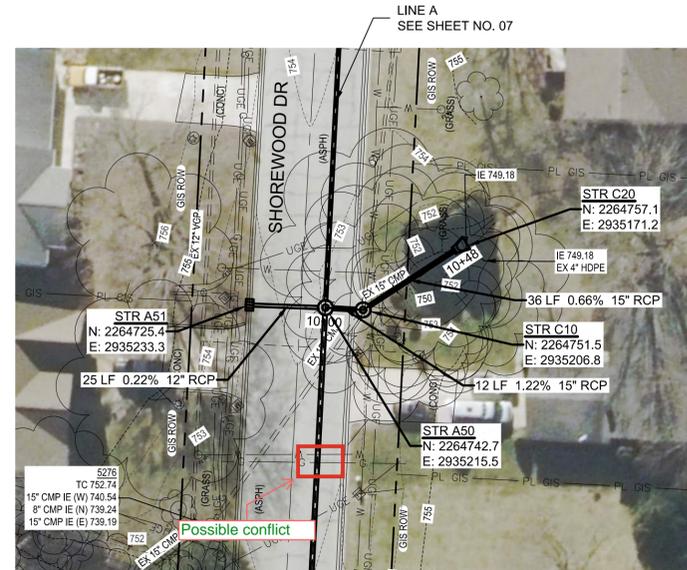
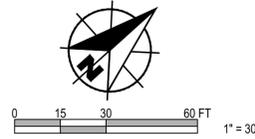
LINE A - PLAN AND PROFILE

SHEET NO.
07
TOTAL SHEETS
13

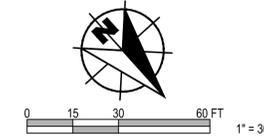
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LINE B - PLAN
SCALE: 1" = 30'



LINE C - PLAN
SCALE: 1" = 30'



GENERAL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN OR AS DETERMINED NECESSARY BY CONTRACTOR TO PROVIDE ADEQUATE CONTROL FOR THE CONSTRUCTION AREA.
2. CONTRACTOR TO REPAIR AND REINSTATE ANY DAMAGED FIELD TILE WITHIN 24 HOURS OF OCCURRENCE.
3. XXX

KEYED NOTES ○

- D PAVEMENT (LOCAL STREETS) REPAIR AND FULL DEPTH CLASS I BACKFILL
- D1 ASPHALT (INDOT) PAVEMENT REPAIR AND FULL DEPTH CLASS I BACKFILL
- D2 ASPHALT DRIVE REPAIR AND FULL DEPTH CLASS I BACKFILL
- F1 CONCRETE DRIVE REPAIR AND FULL DEPTH CLASS I BACKFILL
- F2 CONCRETE SIDEWALK REPAIR AND FULL DEPTH CLASS I BACKFILL
- N CRUSHED STONE SURFACE REPAIR AND FULL DEPTH CLASS I BACKFILL
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- EB EROSION CONTROL BLANKET
- FF FIBER FILTRATION TUBE OUTLET PROTECTION
- I INLET PROTECTION
- SF SILT FENCE

LEGEND

- FULL DEPTH PAVEMENT
- MILL AND RESURFACE PAVEMENT
- CONCRETE SIDEWALK REPLACEMENT
- ASPHALT PAVEMENT REPAIR
- ASPHALT DRIVE REPAIR
- CONCRETE CURB AND GUTTER REPAIR
- CONCRETE DRIVE REPAIR
- CONCRETE SIDEWALK REPAIR
- CRUSHED STONE DRIVE REPAIR
- INLET PROTECTION
- CONCRETE WASHOUT
- EROSION CONTROL BLANKET
- RIP RAP CHECK DAM
- SILT FENCE
- FIBER FILTRATION TUBE

PROFILE - LINE B
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

PROFILE - LINE C
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 5'

PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION
7/3/2024

SCALE VERIFICATION BAR IS ONE INCH LONG ON ORIGINAL DRAWING 	DRAWN BY	JRW	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
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	APPROVED BY	MEN				
	ISSUE DATE					
	JULY 2024					
	PROJECT NUMBER					
277824-04-001						



RAVINE RESTORATION & STORM SEWER IMPROVEMENTS
PORTER CO. DEPT. OF DEVELOPMENT & STORMWATER MGMT
SHOREWOOD FOREST SUBDIVISION
LINES B AND C - PLAN AND PROFILE

SHEET NO.
08
TOTAL SHEETS
13

Drawing: X:\Porter County\277824-PP-B-C.dwg | Layout: 08 LINE B AND LINE C - PLAN AND PROFILE | Plotted: 07/02/24 @ 11:43:25 | L:\Sawyer\jlsawr

SHOREWOOD FOREST UTILITIES

Michael Novotney

From: sfuoffice@gmail.com
Sent: Thursday, September 19, 2024 11:03 AM
To: Michael Novotney
Cc: sfuoffice@gmail.com
Subject: RE: Porter Co. Shorewood Dr. Ravine Restoration & Storm Sewer Replacement

Hi Michael,

We measured the manholes by hand. Also, I know we sleeved (cured-in-place pipe lining) for some of our pipes, however not in the area where you are working.

Thank you,
Linda Walla
Administrative Assistant
Shorewood Forest Utilities, Inc.
219-531-0706

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Wednesday, September 11, 2024 8:50 AM
To: sfuoffice@gmail.com
Subject: RE: Porter Co. Shorewood Dr. Ravine Restoration & Storm Sewer Replacement

Linda,

Thank you very much for the response and for letting me know about the current status of your operations; I was not aware of the change.

I appreciate the information regarding the depths of your existing facilities. Just two follow up questions:

- 1) The pipe depths that you are providing, are those based on as-built plans, record drawings, or other information?
- 2) Since they are clay tile, have the pipes been previously lined (e.g., cured-in-place pipe lining or other)?

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager
[Wessler Engineering, Inc.](#)
379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551
C: 773-947-4230
D: 219-235-9869

From: sfuoffice@gmail.com <sfuoffice@gmail.com>
Sent: Tuesday, September 10, 2024 1:29 PM
To: Michael Novotney <MichaelN@wesslerengineering.com>
Cc: sfuoffice@gmail.com
Subject: RE: Porter Co. Shorewood Dr. Ravine Restoration & Storm Sewer Replacement

****WARNING: External email, verify sender before opening attachments or clicking on links.****

Hi Michael Novotney,

Our plant manager, Forest Ash, is no longer working for us and we now have a subcontractor running our plant as of July 10th of this year. I can provide you with the following information:

Our pipes are mostly 6" tile pipes.

The depth of our pipes is 10 feet at 429 Kent Ct.

The depth of our pipes is 10 feet at 218 Shorewood Dr. & 220 Shorewood Dr.

The depth of our pipes is 12 feet at 422 Pickwick Place.

Please let us know if you need additional information.

Thank you,
Linda Walla
Administrative Assistant
Shorewood Forest Utilities, Inc.
219-531-0706

From: Michael Novotney <MichaelN@wesslerengineering.com>
Sent: Tuesday, September 10, 2024 10:42 AM
To: sfuoffice@gmail.com; sfushop1@gmail.com
Cc: Pavlo Shyrovkov <PavloS@wesslerengineering.com>; Jaylen Withem <JaylenW@wesslerengineering.com>
Subject: RE: Porter Co. Shorewood Dr. Ravine Restoration & Storm Sewer Replacement

Good Morning,

I am writing to follow up on our multiple requests for coordination with you regarding Porter County's ravine restoration & storm sewer improvements project located on Shorewood Dr., between Kent Ct. and Pickwick Pl. The project will replace severely deteriorated storm sewers along Shorewood Dr. and will address severe ravine erosion that has taken place in the ravine between 219 Shorewood Dr. & 221 Shorewood Dr.

We previously shared the 30% plan set for the project with you seeking your review of the plans for conflict (or absence of conflict) between the contemplated stormwater improvements and the existing sanitary sewer mains and sanitary sewer laterals.

We've also reached out to you to ask for any information you might have regarding the size, type, and approx. depth and condition of these pipes.

To date, we have not received a response to our attempts to coordinate with you regarding SFU's existing facilities and would like to ask, once again, for you to coordinate with us on this project.

I wanted to note a few things to coordinate with you further on this project.

1. When we initially reached out to you back on Jul. 16, we had just reached 30% design. Our 30% plan set (which you previously received) included information about the horizontal alignment of the contemplated stormwater improvements but did not include information about the vertical profile of the proposed improvements. We were waiting on information from a subsurface utility investigation (i.e., hydroexcavation/potholing and measure down) that was conducted by Porter County before adding the vertical profile/information to the plans. We are still awaiting additional available information from Shorewood Forest Utilities regarding the depth of the sanitary building laterals.
2. We do have an updated plan set (60% plan set), which the County approved last week, and includes information on the vertical profile of the proposed improvements. Please use the following link to access the 60% plan set: [Porter Co. Shorewood Forest 60% Utilities](#).
3. The new storm sewers have generally been placed at similar elevations as the existing storm sewers to avoid utility conflicts at utility crossings.
4. Regarding SFU's existing sanitary facilities, generally, it appears that the new storm sewer will be located above the existing sanitary facilities. However, we are still awaiting additional available information from Shorewood Forest Utilities regarding the depth of sanitary building laterals to confirm.
5. Information gathered via utility coordination and subsurface investigation has not yet been fully incorporated into plan set, as we are still awaiting as-built information from several utilities, including SFU. We acknowledge that some adjustment to the depth of the proposed storm sewer may be needed (and is possible) at both the north and south ends of the project (i.e., near Kent Ct. and near Pickwick Pl.) in order to avoid conflicts with INAW's facilities, but these adjustments should keep the new storm sewer clear of (i.e., above) SFU's existing facilities.

With these notes in mind, I feel that we have minimized potential conflicts between existing utility facilities and the proposed stormwater improvements, but I would sincerely appreciate your coordination with us regarding the project and any information you might have (e.g., construction plans, as-built plans, system atlas) regarding the depth of SFU's existing facilities.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Michael Novotney

Sent: Friday, July 26, 2024 7:51 AM

To: 'sfuoffice@gmail.com' <sfuoffice@gmail.com>; 'sfushop1@gmail.com' <sfushop1@gmail.com>

Subject: Porter Co. Shorewood Dr. Ravine Restoration & Storm Sewer Replacement

Good morning!

I am following up on the e-mail below to make sure that you've received it and the associated attachments (i.e., utility coordination letter, project plan set, utility acknowledgement form).

This information is regarding a project that we are assisting Porter County with on Shorewood Dr., between Kent Ct. and Pickwick Pl., to replace severely deteriorated storm sewer and address severe ravine erosion that has taken place in the ravine between 219 Shorewood Dr. & 221 Shorewood Dr.

In that light, next week, Porter County will be conducting hydroexcavation/potholing and measure downs on those utilities that the new storm sewer will be crossing. This work will include the location of 2 sanitary sewer mains and 2 sanitary sewer laterals at 425 Kent Ct., 218 Shorewood Dr., 220 Shorewood Dr., and 422 Pickwick Pl. I was hoping to get any information you might have regarding the size, type, and approx. depth and condition of these pipes. Please see the attached exhibit showing the location of these lines.

I also wanted to note that with the County planning to conduct the potholing and measure down work next week, beginning as early as Mon., utility locates were called in on Mon., Jul. 22, but as of yesterday afternoon, the sanitary locates did not appear to have been completed.

Thank you for coordinating with us and with Porter County regarding this important project.

Sincerely,

Michael Novotney, P.E. | Sr. Project Manager II / Office Manager

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551

C: 773-947-4230

D: 219-235-9869

From: Pavlo Shyrovkov

Sent: Tuesday, July 16, 2024 9:15 PM

To: sfuoffice@gmail.com; sfushop1@gmail.com

Subject: Porter County Shorewood Forest Utility Forms

Hello, find attached a plan set and utility forms for our upcoming storm sewer and ravine restoration project.

Pavlo Shyrovkov, E.I. | Engineer

[Wessler Engineering, Inc.](#)

379 East 84th Drive, Merrillville, Indiana 46410

P: 317-788-4551