



## ADDENDUM #2

---

To: Known Qualified Firms  
From: Porter Co. Dept. of Development & Storm Water Management  
Date: April 22, 2021  
Subject: Shorewood Forest Stormwater Infrastructure Study (Storm Sewer Televising)  
Maintenance Services

---

The attention of all known qualified firms are called to the following Addendum.

This Addendum, designated as Addendum #2, is hereby included in and made a part of the Request for Quotes, whether or not attached thereto. Except as modified by this Addendum, all requirements of the Request for Quotes shall remain in full force and effect.

Firms shall acknowledge the receipt of this Addendum #2 on his or her quote form.

### **Clarifications & Modifications**

The following clarifications and/or modifications to the Request for Quotes 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 Request for Quotes.

### **PRE-SUBMITTAL MEETING MINUTES & SIGN-IN SHEET**

1. The pre-submittal meeting minutes and sign-in sheet are attached to this Addendum. Please note that the meeting minutes may contain clarifications related to work items that should be should considered when preparing quotes for this project.

### **STORM SEWER & CULVERT INVENTORY**

2. Storm Sewer & Culvert Inventory

**The Shorewood Forest Storm Sewer & Culvert Inventory has been revised** to include the locations of observed pipe failures/sinkholes, as identified by the Engineer. Please replace the Storm Sewer & Culvert Inventory dated Apr. 8, 2021, with the attached revised Storm Sewer & Culvert Inventory dated Apr. 21, 2021

### **PUBLIC OPENING OF QUOTES**

3. Public Opening of Quotes

As stated in the Request for Quotes, quotes will be opened at 10:00 a.m., or as soon thereafter as possible, on Monday, April 22, 2021, at a public opening of quotes to be held at 10:00 a.m. local time at the Porter Co. Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383. In accordance with the Department's COVID-19 Safety & Action Plan, the public opening of quotes will also be conducted live via videoconference. All respondents, as well as members of the public, are welcome to attend and participate in the opening of quotes, either in person or via videoconference.

The following information may be used to access and participate in the videoconference.



Join Zoom Meeting:

<https://us02web.zoom.us/j/84370378173?pwd=NXlzWE4zOFozZk9QR2ZOR1o4YUg3Zz09>

Meeting ID: 843 7037 8173

Passcode: Lqds45

At the meeting, quotes will be opened and, unless obviously non-responsive, read aloud publicly. Respondents are invited to be present at the opening of quotes. An abstract of the total quotes will be made available to respondents after the opening of quotes.

#### **Attachments**

- PRE-SUBMITTAL MEETING MINUTES & SIGN-IN SHEET
- REVISED SHOREWOOD FOREST STORM SEWER & CULVERT INVENTORY



---

## **MEETING MINUTES**

April 20, 2021 10:00 am  
155 Indiana Ave., Ste. 311, Valparaiso, IN  
Pre-Submittal Meeting  
Shorewood Forest Stormwater Infrastructure Study  
Storm Sewer Televising

### **1. Sign-in and Introductions**

Sign in sheet was passed around to all attendees (attached) and introductions were made.

### **2. Project Overview**

An overview of the project was provided.

The project is located in the Shorewood Forest Subdivision. The project generally consists of televising approximately 28,300 linear feet of storm sewers, which range in size from 12 inches to 42 inches in diameter, and include corrugated metal pipe (CMP), reinforced concrete pipe (RCP), and other storm sewer serving the Shorewood Forest Subdivision.

Light and/or heavy cleaning of the storm sewers may be required in order to facilitate the televising work. The successful respondent, in conjunction with the Department, shall determine whether such light and/or heavy cleaning is necessary prior to the start of the cleaning and/or televising of any storm sewer run. Such determination shall be based upon a setup at the storm sewer structures located at both the upstream and downstream ends of a storm sewer run and a review of the video inspection attempted as part of each setup. Based on the results of such setup, the successful respondent, in conjunction with the Department, shall determine the whether the manhole reach is to be video inspected, light cleaned, heavy cleaned, or not subjected to any further investigation.

The successful respondent shall have the capabilities to open lids and all other types of covers on storm sewer structures in order to obtain access to the storm sewers for the televising work. Lids and other types of covers damaged during the performance of the work shall be replaced by the successful respondent at no additional cost to the Department. The successful respondent shall also have the ability to access all storm sewer structures and outfalls through rear yards, side yards, and open spaces without causing damage to private property. All areas disturbed during the performance of the work shall be restored by the successful respondent at no additional cost to the Department.

### **3. Addendum**

- A. Addendum #2 to be issued following the Pre-Submittal Meeting by the end of day Thursday, April 22<sup>nd</sup> to address any questions that may arise that materially affect the request for quotes and/or contract documents.

### **4. Notable Dates**

- A. Pre-Submittal Meeting: April 20, 2021, 10:00 am local time.
- B. Last Day for Questions: Wednesday, April 21, 4:30 pm local time, to allow for release of final addendum by end of day, Thursday, April 22.

- C. Quote Due Date: Monday, April 26, 2021 10:00 am local time, Porter County Department of Development and Stormwater Management, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- D. Quote Opening: Monday, April 26, 2021 10:00 am local time, at the Porter County Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- E. Anticipated Contract Award: Tuesday, April 27, 2021 9:00 am local time at a regular meeting of the Storm Water Management Board, 155 Indiana Ave., Ste. 205, Valparaiso, Indiana 46383.
- F. Substantial Completion: September 4, 2021, following issuance of the Notice to Proceed, with Final Completion 15 days thereafter.

## 5. Questions & Answers

Q1: What are the restrictions for allowable work hours?

A1: Per Section 107.28 of the General Specifications, construction within 1,000 feet of an occupied residence shall be confined to the period between the hours of 7:00 AM and 7:00 PM on weekdays and between the hours of 8:00 AM and 6:00 PM on Saturdays.

Q2: How should the cleaning of the storm sewer pipes near the outfalls be managed? Is it acceptable for the accumulated sediment to be washed into the lake?

A2: The Contractor shall investigate and clean, as necessary, all storm sewer pipes that drain directly into Lake Louise. The Department shall coordinate with the Shorewood neighborhood regarding the necessity of this storm sewer cleaning work.

Q3: Is it possible to accommodate for parked construction vehicles near the Shorewood Forest subdivision?

A3: The Contractor may stage their equipment at either the Porter County Highway Department's Center District Facility (located at the intersection of SR2 & CR 50 W). Alternatively, the Contractor may stage their equipment at the Shorewood Forest Utilities Maintenance Facility (located in Shorewood Forest subdivision, at the water tower off of Shorewood Drive, just south of the main entrance to the subdivision off of US30).

Q4: The contract indicates that heavy storm sewer cleaning will be handled on an hourly basis. How should that be calculated?

A4: Heavy cleaning of the storm sewers may be necessary in some instances. The total extent of this cleaning is unknown and for that reason a \$30,000 heavy cleaning allowance has been included in the contract, as shown on the Basis of Quote Form. The Contractor shall provide an hourly rate for this heavy cleaning work, which will be paid on an hourly basis and deducted from the \$30,000 heavy cleaning allowance as the job progresses.

Q5: Explain, in more detail, the “Manhole Setup” work item?

A5: The “Manhole Setup” fee has been provided as a means of compensating the contractor for the initial time required to setup televising equipment and take an initial look at a storm sewer system to learn the extent of cleaning required. The number provided in the Basis of Quote Form equals the total number of storm structures plus outfalls.

Q6: Given the potential for severe weather and rain events during the summer months, may the contract time be extended?

A6: Some weather delays have been accounted for with the September 4, 2021 substantial completion data, and the contract time will not be extended.

Q7: Can you include the locations of the observed pipe failures/sinkholes in the storm sewer and culvert inventory map?

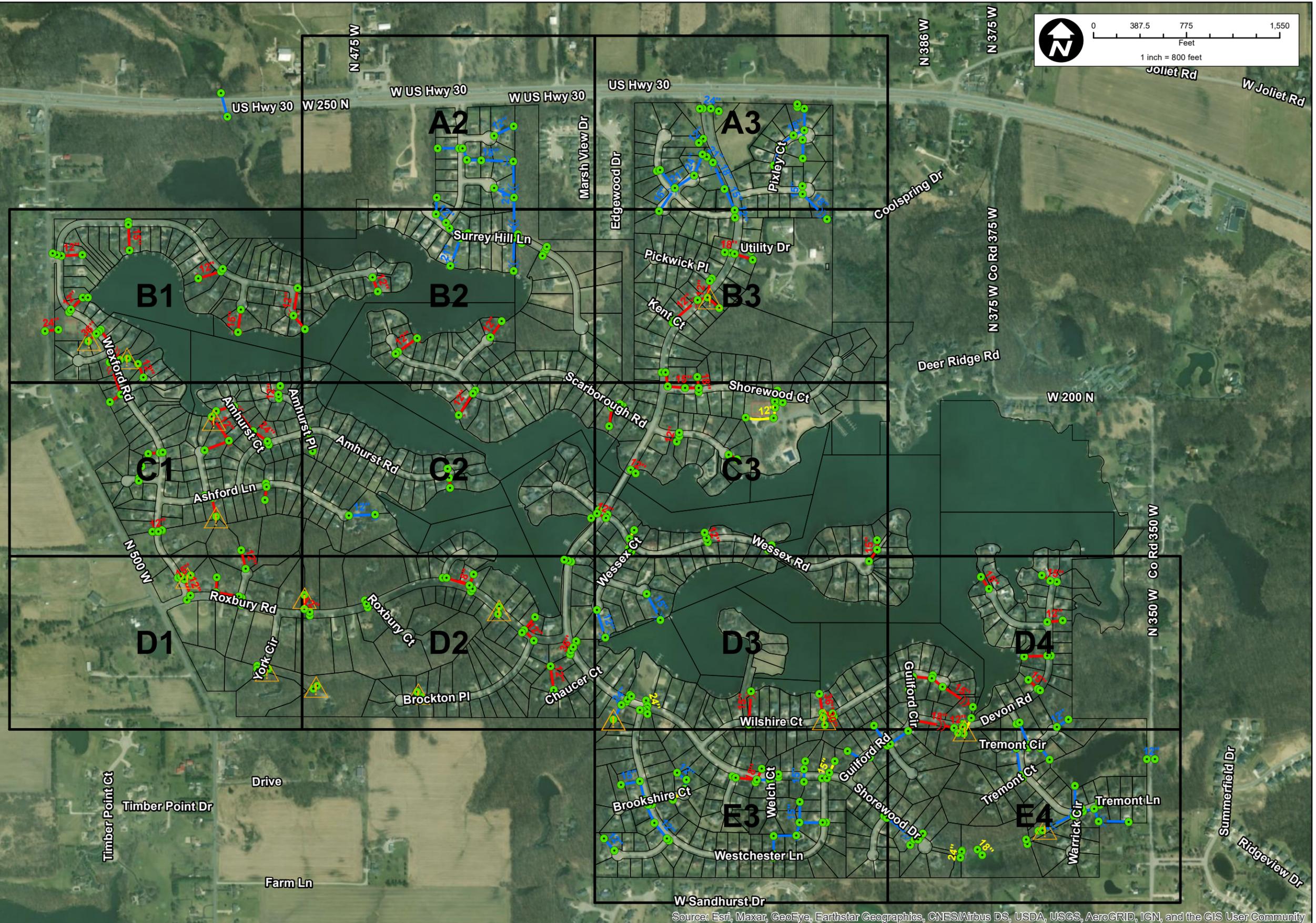
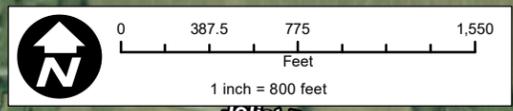
A7: The locations of pipe failures/sinkholes is shown on the revised storm sewer and culvert inventory maps.

SHOREWOOD FOREST STORMWATER INFRASTRUCTURE STUDY - STORM SEWER TELEVISION  
 PRE-BID MEETING  
 APRIL 20, 2021 (10:00 AM CST)

NAME	COMPANY	ADDRESS	OFFICE/CELL/FAX	EMAIL
Michael Novotney	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3507 Cell: (219) 307-3311 Fax: (219) 465-3543	
Adam McAlpine	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 510-1116 Cell: (219) 252-9647 Fax: (219) 465-3543	
Kyle Rogers David Flanders	Accudig	4844 E 1505 MONTICELLO, IN 47960	Office: 574 583 4814 Cell: 574 297 1268 Fax: 574-808-2544	Krogers@accudigservices.com (Kyle) 574-297-1356 (David) dflanders@accudigservices.com
JAMES HOLBERT	ELITE PIPELINE (VIDEOCONFERENCE)		Office: Cell: Fax:	
Bryan Bean	R+R Visual Inc.	1828 W. Olson Rd	Office: 224-5455 Cell: 574-386-8877 Fax:	bbenn@seepipe.com
Robert Hinds	Hydromax USA	2501 S Kentucky Av	Office: Cell: 502-812-3604 Fax:	robert.hinds@hydromaxusa.com
JENNIFER MEYERS	HYDROMAX USA (VIDEOCONFERENCE)		Office: Cell: Fax:	
TODD SHOBYKO	NATIONAL POWER RODDING (VIDEOCONFERENCE)		Office: Cell: Fax:	
			Office: Cell: Fax:	
			Office: Cell: Fax:	
			Office: Cell: Fax:	

### Legend

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- Parcel Boundary
- ▲ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

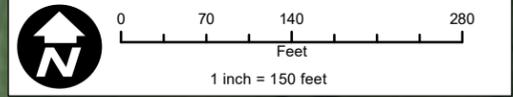
TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 4/21/21  
 SHEET 1 OF 15  
 DRAWING NO. **SHEET INDEX**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

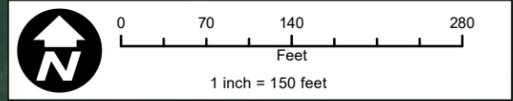
**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 3 OF 15  
 DRAWING NO. **SHEET A3**



### Legend

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

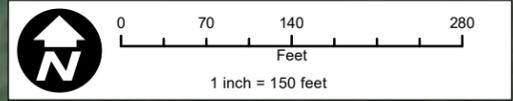
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 4 OF 15  
 DRAWING NO. **SHEET B1**

### Legend

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CB** **CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 5 OF 15  
 DRAWING NO. **SHEET B2**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- ▭ Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole

0 70 140 280  
Feet  
1 inch = 150 feet



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

CLIENT:  
The Department of  
**DEVELOPMENT &  
STORM WATER  
MANAGEMENT**  
Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:  
**SHOREWOOD FOREST SUBDIVISION  
STORM SEWER/CULVERT INVENTORY**

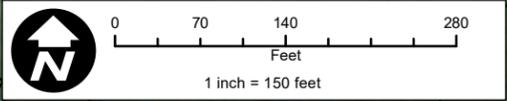
PROJ. NO. 20-0085  
DATE: 2/3/21  
SHEET 7 OF 15  
DRAWING NO.  
**SHEET C1**





**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- ▭ Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CB**  
**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT:  
 The Department of  
**DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:  
**SHOREWOOD FOREST SUBDIVISION  
 STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 10 OF 15  
 DRAWING NO.  
**SHEET D1**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- ▭ Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole

0 70 140 280  
Feet  
1 inch = 150 feet



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE ENGINEERING LTD.**  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

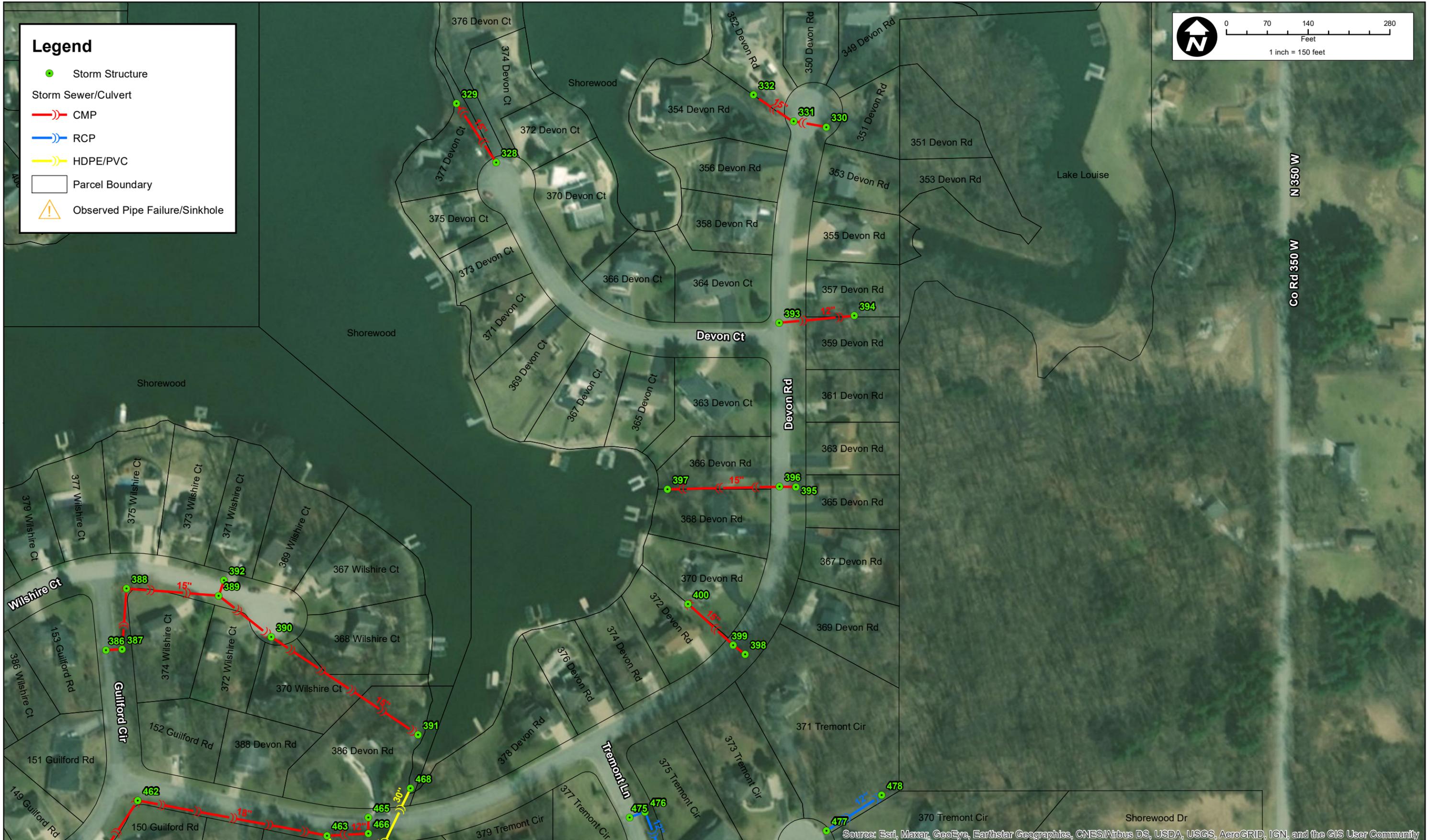
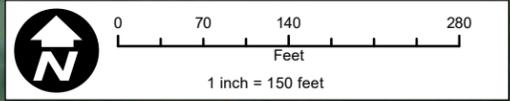
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 12 OF 15  
 DRAWING NO. **SHEET D3**

**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- ▭ Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

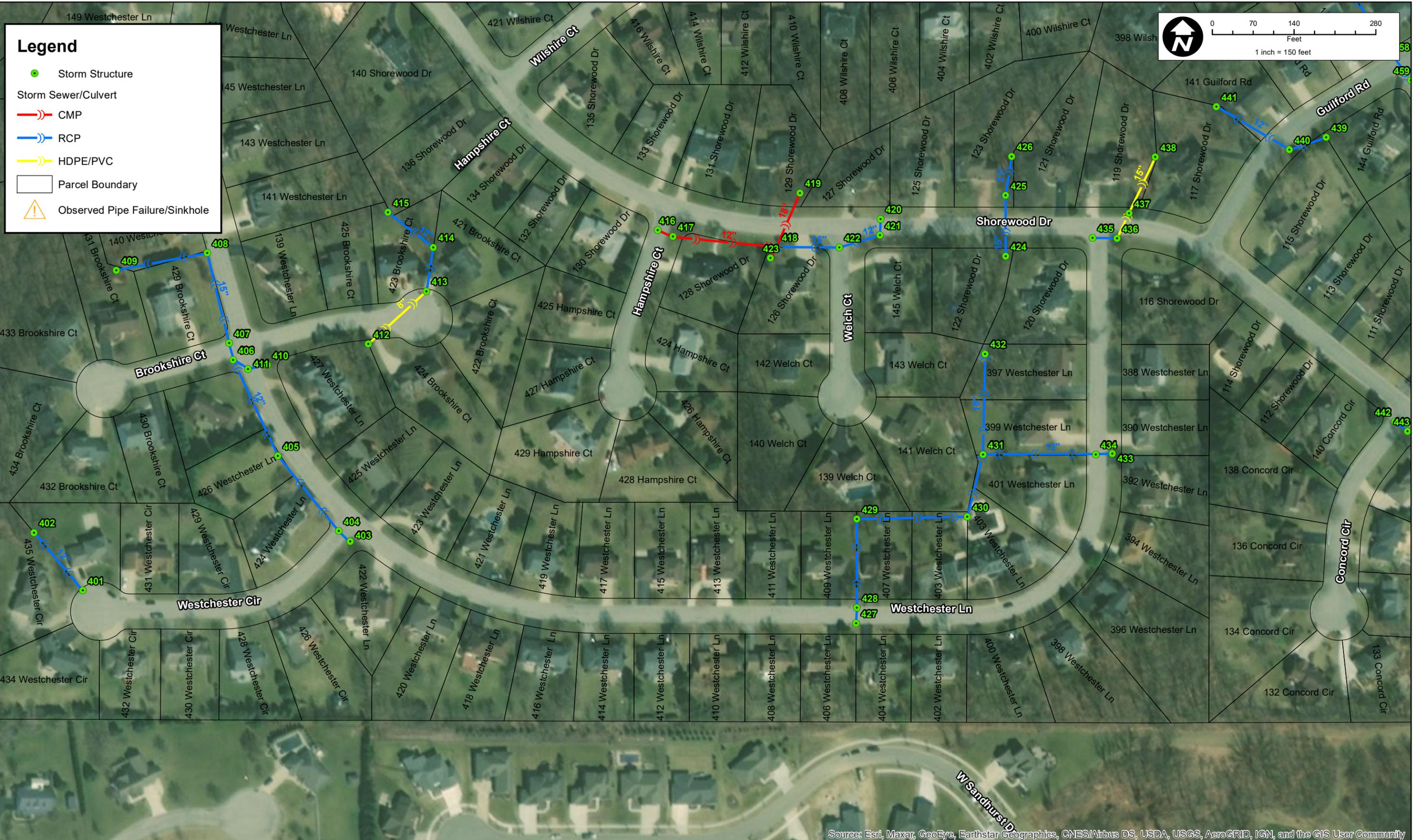
**CB**  
**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of  
**DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 13 OF 15  
 DRAWING NO. **SHEET D4**



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

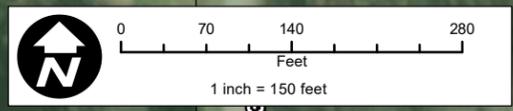
**CB** **CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHGD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 14 OF 15  
 DRAWING NO. **SHEET E3**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ▲ Observed Pipe Failure/Sinkhole

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CB** **CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 15 OF 15  
 DRAWING NO. **SHEET E4**

---

## **MEETING MINUTES**

April 20, 2021 10:00 am  
155 Indiana Ave., Ste. 311, Valparaiso, IN  
Pre-Submittal Meeting  
Shorewood Forest Stormwater Infrastructure Study  
Storm Sewer Televising

### **1. Sign-in and Introductions**

Sign in sheet was passed around to all attendees (attached) and introductions were made.

### **2. Project Overview**

An overview of the project was provided.

The project is located in the Shorewood Forest Subdivision. The project generally consists of televising approximately 28,300 linear feet of storm sewers, which range in size from 12 inches to 42 inches in diameter, and include corrugated metal pipe (CMP), reinforced concrete pipe (RCP), and other storm sewer serving the Shorewood Forest Subdivision.

Light and/or heavy cleaning of the storm sewers may be required in order to facilitate the televising work. The successful respondent, in conjunction with the Department, shall determine whether such light and/or heavy cleaning is necessary prior to the start of the cleaning and/or televising of any storm sewer run. Such determination shall be based upon a setup at the storm sewer structures located at both the upstream and downstream ends of a storm sewer run and a review of the video inspection attempted as part of each setup. Based on the results of such setup, the successful respondent, in conjunction with the Department, shall determine the whether the manhole reach is to be video inspected, light cleaned, heavy cleaned, or not subjected to any further investigation.

The successful respondent shall have the capabilities to open lids and all other types of covers on storm sewer structures in order to obtain access to the storm sewers for the televising work. Lids and other types of covers damaged during the performance of the work shall be replaced by the successful respondent at no additional cost to the Department. The successful respondent shall also have the ability to access all storm sewer structures and outfalls through rear yards, side yards, and open spaces without causing damage to private property. All areas disturbed during the performance of the work shall be restored by the successful respondent at no additional cost to the Department.

### **3. Addendum**

- A. Addendum #2 to be issued following the Pre-Submittal Meeting by the end of day Thursday, April 22<sup>nd</sup> to address any questions that may arise that materially affect the request for quotes and/or contract documents.

### **4. Notable Dates**

- A. Pre-Submittal Meeting: April 20, 2021, 10:00 am local time.
- B. Last Day for Questions: Wednesday, April 21, 4:30 pm local time, to allow for release of final addendum by end of day, Thursday, April 22.

- C. Quote Due Date: Monday, April 26, 2021 10:00 am local time, Porter County Department of Development and Stormwater Management, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- D. Quote Opening: Monday, April 26, 2021 10:00 am local time, at the Porter County Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- E. Anticipated Contract Award: Tuesday, April 27, 2021 9:00 am local time at a regular meeting of the Storm Water Management Board, 155 Indiana Ave., Ste. 205, Valparaiso, Indiana 46383.
- F. Substantial Completion: September 4, 2021, following issuance of the Notice to Proceed, with Final Completion 15 days thereafter.

## 5. Questions & Answers

Q1: What are the restrictions for allowable work hours?

A1: Per Section 107.28 of the General Specifications, construction within 1,000 feet of an occupied residence shall be confined to the period between the hours of 7:00 AM and 7:00 PM on weekdays and between the hours of 8:00 AM and 6:00 PM on Saturdays.

Q2: How should the cleaning of the storm sewer pipes near the outfalls be managed? Is it acceptable for the accumulated sediment to be washed into the lake?

A2: The Contractor shall investigate and clean, as necessary, all storm sewer pipes that drain directly into Lake Louise. The Department shall coordinate with the Shorewood neighborhood regarding the necessity of this storm sewer cleaning work.

Q3: Is it possible to accommodate for parked construction vehicles near the Shorewood Forest subdivision?

A3: The Contractor may stage their equipment at either the Porter County Highway Department's Center District Facility (located at the intersection of SR2 & CR 50 W). Alternatively, the Contractor may stage their equipment at the Shorewood Forest Utilities Maintenance Facility (located in Shorewood Forest subdivision, at the water tower off of Shorewood Drive, just south of the main entrance to the subdivision off of US30).

Q4: The contract indicates that heavy storm sewer cleaning will be handled on an hourly basis. How should that be calculated?

A4: Heavy cleaning of the storm sewers may be necessary in some instances. The total extent of this cleaning is unknown and for that reason a \$30,000 heavy cleaning allowance has been included in the contract, as shown on the Basis of Quote Form. The Contractor shall provide an hourly rate for this heavy cleaning work, which will be paid on an hourly basis and deducted from the \$30,000 heavy cleaning allowance as the job progresses.

Q5: Explain, in more detail, the “Manhole Setup” work item?

A5: The “Manhole Setup” fee has been provided as a means of compensating the contractor for the initial time required to setup televising equipment and take an initial look at a storm sewer system to learn the extent of cleaning required. The number provided in the Basis of Quote Form equals the total number of storm structures plus outfalls.

Q6: Given the potential for severe weather and rain events during the summer months, may the contract time be extended?

A6: Some weather delays have been accounted for with the September 4, 2021 substantial completion data, and the contract time will not be extended.

Q7: Can you include the locations of the observed pipe failures/sinkholes in the storm sewer and culvert inventory map?

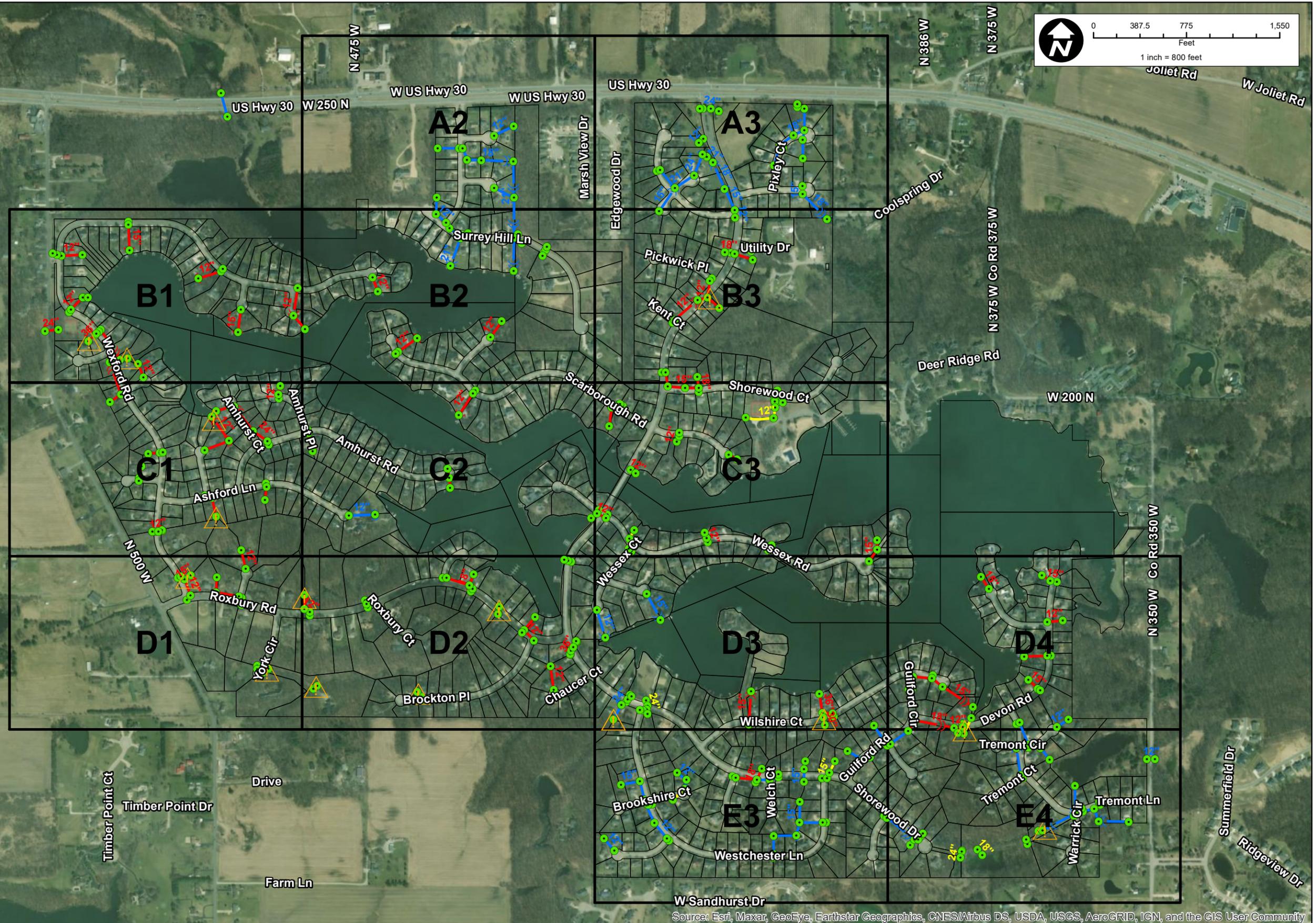
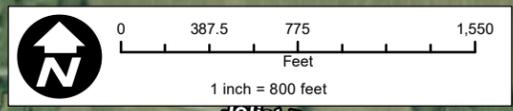
A7: The locations of pipe failures/sinkholes is shown on the revised storm sewer and culvert inventory maps.

SHOREWOOD FOREST STORMWATER INFRASTRUCTURE STUDY - STORM SEWER TELEVISION  
 PRE-BID MEETING  
 APRIL 20, 2021 (10:00 AM CST)

NAME	COMPANY	ADDRESS	OFFICE/CELL/FAX	EMAIL
Michael Novotney	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3507 Cell: (219) 307-3311 Fax: (219) 465-3543	
Adam McAlpine	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 510-1116 Cell: (219) 252-9647 Fax: (219) 465-3543	
Kyle Rogers David Flanders	Accudig	4844 E 1505 MONTICELLO, IN 47960	Office: 574 583 4814 Cell: 574 297 1268 Fax: 574-808-2544	Krogers@accudigservices.com (Kyle) 574-297-1356 (David) dflanders@accudigservices.com
JAMES HOLBERT	ELITE PIPELINE (VIDEOCONFERENCE)		Office: Cell: Fax:	
Bryan Bean	R+R Visual Inc.	1828 W. Olson Rd	Office: 224-5455 Cell: 574-386-8877 Fax:	bbenn@seepipe.com
Robert Hinds	Hydromax USA	2501 S Kentucky Av	Office: Cell: 502-812-3604 Fax:	robert.hinds@hydromaxusa.com
JENNIFER MEYERS	HYDROMAX USA (VIDEOCONFERENCE)		Office: Cell: Fax:	
TODD SHOBYKO	NATIONAL POWER RODDING (VIDEOCONFERENCE)		Office: Cell: Fax:	
			Office: Cell: Fax:	
			Office: Cell: Fax:	
			Office: Cell: Fax:	

### Legend

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- Parcel Boundary
- ▲ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

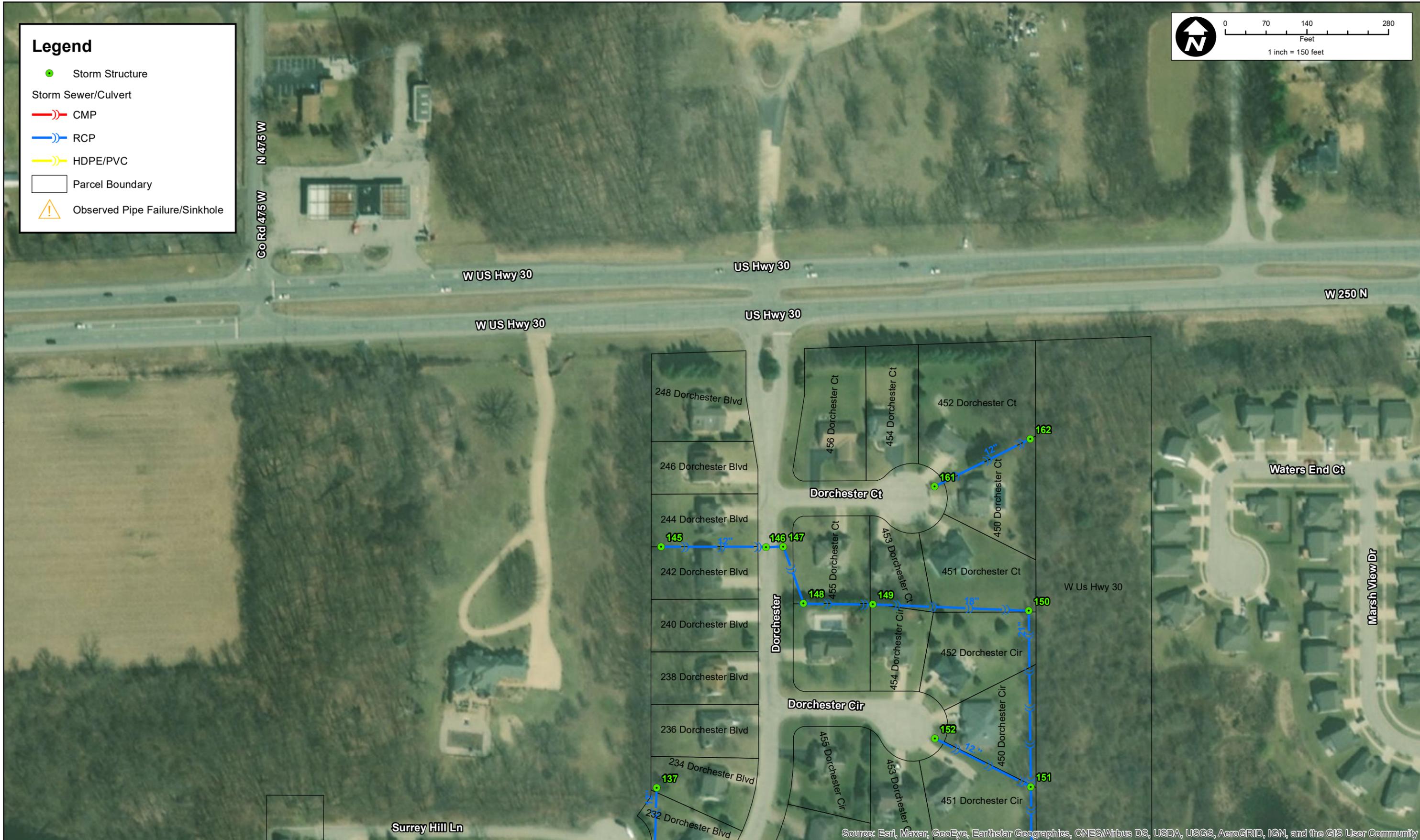
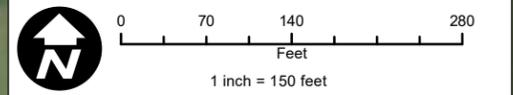
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 4/21/21  
 SHEET 1 OF 15  
 DRAWING NO.  
**SHEET INDEX**

**Legend**

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT:  
 The Department of  
**DEVELOPMENT &  
 STORM WATER  
 MANAGEMENT**  
 Porter County, Indiana

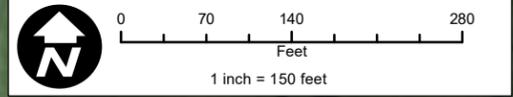
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:  
**SHOREWOOD FOREST SUBDIVISION  
 STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 2 OF 15  
 DRAWING NO.  
**SHEET A2**

**Legend**

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

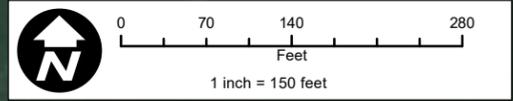
**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 3 OF 15  
 DRAWING NO. **SHEET A3**



### Legend

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of  
**DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

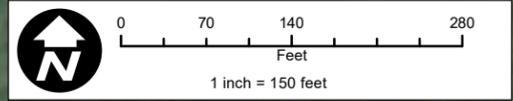
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION  
 STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 4 OF 15  
 DRAWING NO.  
**SHEET B1**

### Legend

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CB** **CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

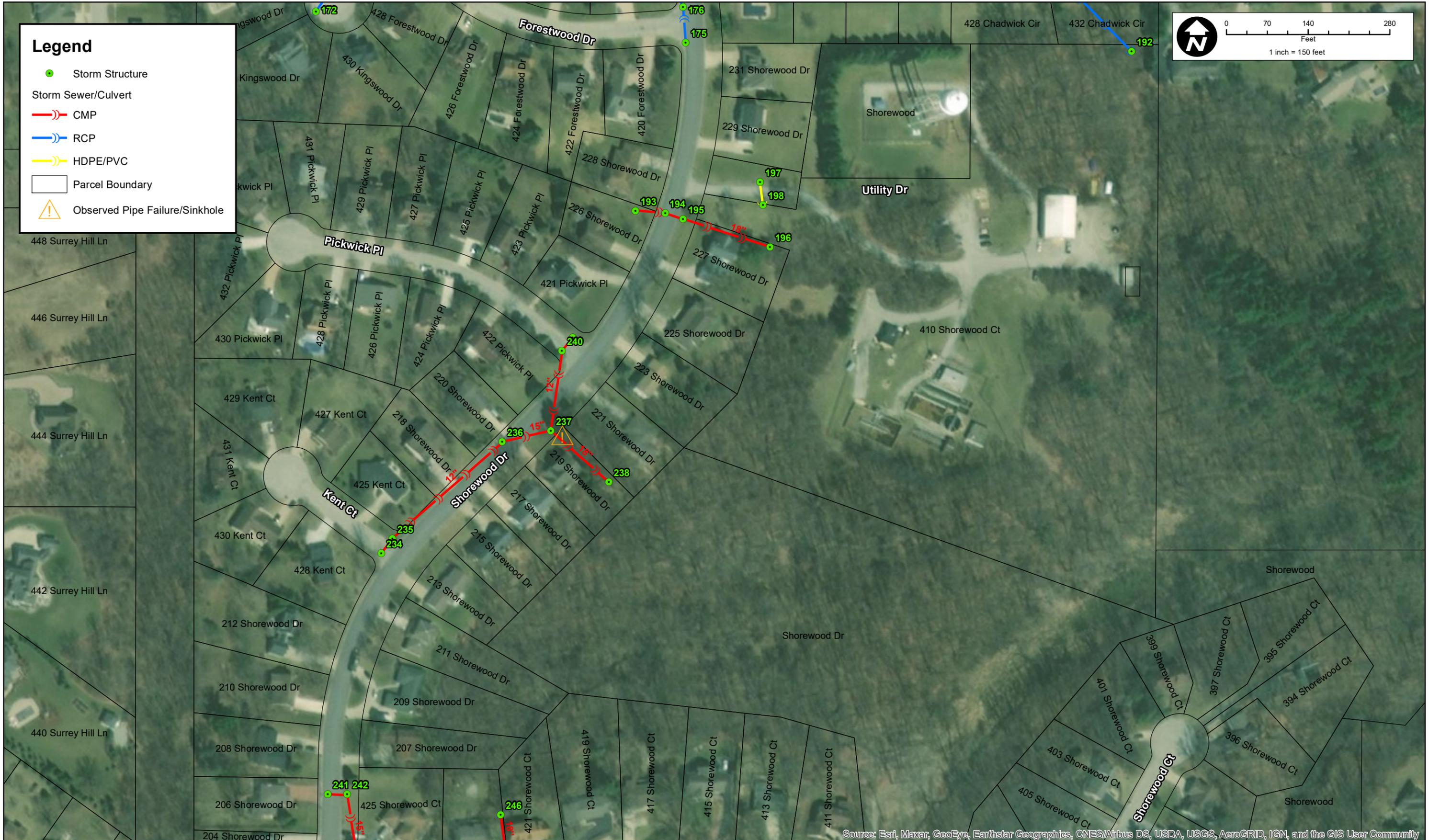
TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 5 OF 15  
 DRAWING NO. **SHEET B2**

### Legend

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole

0 70 140 280  
Feet  
1 inch = 150 feet



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

CLIENT:

The Department of  
**DEVELOPMENT &  
STORM WATER  
MANAGEMENT**  
Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:

**SHOREWOOD FOREST SUBDIVISION  
STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
DATE: 2/3/21  
SHEET 6 OF 15  
DRAWING NO.  
**SHEET B3**







**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- ▭ Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole

0 70 140 280  
Feet  
1 inch = 150 feet



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

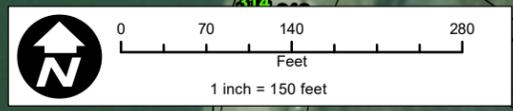
**CB**  
**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

CLIENT:  
The Department of  
**DEVELOPMENT & STORM WATER MANAGEMENT**  
Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:  
**SHOREWOOD FOREST SUBDIVISION  
STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
DATE: 2/3/21  
SHEET 10 OF 15  
DRAWING NO.  
**SHEET D1**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- Parcel Boundary
- ▲ Observed Pipe Failure/Sinkhole

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 11 OF 15  
 DRAWING NO. **SHEET D2**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
- CMP
- RCP
- HDPE/PVC
- Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole

0 70 140 280  
Feet  
1 inch = 150 feet

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**BCB** **CHRISTOPHER B. BURKE** ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

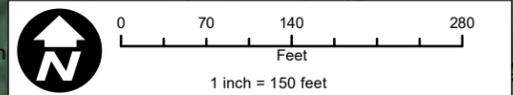
TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
DATE: 2/3/21  
SHEET 12 OF 15  
DRAWING NO.  
**SHEET D3**



**Legend**

- Storm Structure
- Storm Sewer/Culvert
  - CMP
  - RCP
  - HDPE/PVC
- ▭ Parcel Boundary
- ⚠ Observed Pipe Failure/Sinkhole



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**CB** **CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CLIENT: The Department of **DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

NO.	DATE	NATURE OF REVISION	CHGD.	MODEL:

TITLE: **SHOREWOOD FOREST SUBDIVISION STORM SEWER/CULVERT INVENTORY**

PROJ. NO. 20-0085  
 DATE: 2/3/21  
 SHEET 14 OF 15  
 DRAWING NO. **SHEET E3**

