

# AGENDA

## LAKE COUNTY DRAINAGE BOARD and ADVISORY COMMITTEE WEDNESDAY, JANUARY 20, 2016

Advisory Committee Meeting-8:00 A.M.      Drainage Board Meeting-9:00 A.M.  
*Both Meetings Held in the Commissioner's Courtroom, Lake County Government Center  
2293 North Main Street, Crown Point, IN 46307 Phone-219-755-3745 Fax 219-755-3750*

### Lake County Drainage Board

Gerry J. Scheub, Chairman

Michael C. Repay, Member

Peter Katic, Drainage Board Attorney

### Technical Support

Bill Emerson Jr., Lake County Surveyor

Daniel V. Gossman, Drainage Administrator

Rich Budziak, MS4 Coordinator

Clifford E. Duggan Jr., Legal Consultant

Mary Ellen Kupsik, Drainage Board Secretary

**NOTE:** All motions and votes by the Advisory Committee are recommendations to the Lake County Drainage Board and are not final actions. The Lake County Drainage Board is the agency having the authority to act under Indiana Statute.

#### 1. Meeting Called to Order – Pledge of Allegiance

A. Emergency exit announcement: In case of emergency, exit the Commissioners Courtroom and proceed to the stairs and go to the second floor and exit the building. Do not enter an elevator in an emergency. If you require assistance, an employee will escort and/or assist you. Please silence any cellular telephones during this meeting. If you receive a call/text during this meeting, please excuse yourself with as little disruption as possible.

#### 2. Roll Call

A. Reorganization of the Board.

#### 3. Agenda

A. Additions, Deletions, and/or Corrections

B. Permission to Open Bids/Proposals

#### 4. Minutes

A. December 16, 2015

**5. Reports – Correspondence – Information for the Record**

**A. Advisory Committee By Township**

1. Letter from Calumet Township Trustee Kimberly K. Robinson to Lake County Surveyor Bill Emerson, Jr. appointing Mrs. Louise Neese as the representative of Calumet Township on the Lake County Drainage Advisory Committee.
2. Letter from Lake County Surveyor Bill Emerson, Jr. to Mrs. Louise Neese welcoming her to the Lake County Drainage Advisory Committee.
3. Letter from Lake County Surveyor Bill Emerson, Jr. to North Township Trustee Frank Mrvan regarding North Township's appointment to the Lake County Drainage Advisory Committee.

**B. Little Calumet River Watershed**

1. Other.

**C. Kankakee River Watershed**

1. Other

**D. Current Projects - Little Calumet River Watershed**

1. **Hart Ditch, St John Twp.** (State Line to US Highway 30, - Dyer)
2. **Niles Ditch, Center & Winfield Twps.**
3. **Cady Marsh Ditch - Highland, North Twp.** (Hart Ditch to Cline Ave, Highland)
4. **Turkey Creek Lateral # 3 – Scherwood Golf Course, Schererville, St John Twp.**
  - Letter from Drainage Administrator Dan Gossman to Contractor R.A. Oros, Inc. regarding the return of his "Bid Bond" for this project.
5. **Cady Marsh Ditch – Griffith, Calumet Twp.** (Cline Ave to Colfax St, Griffith)
6. **Other**

**E. Current Projects - Kankakee River Watershed**

1. **Brown Levee Ditch – Emergency Levee Repair, Eagle Creek Twp.**
2. **Singleton Ditch Maintenance, West Creek Twp.** (US 41 to Monon Road)
3. **West Creek Maintenance, Hanover Twp.** (125<sup>th</sup> Ave to 133<sup>rd</sup> Ave)
4. **Singleton Ditch Maintenance US 41 to Monon Road – Phase II, Cedar Creek Twp.** (Cedar Creek to Monon Road)
5. **Ernie Niemeyer Creek & Levee – Phase IV, West Creek Twp.** (Stateline to US 41)
6. **Other**

**F. Geographic Information System**

**6. Applications / Petitions**

**A. West Creek Lateral No. 1**

**Applicant: Town of St John – Agent: Haas & Associates**

Application to "Perform Work Within", and "Place Temporary/Permanent Structure" within regulated drain for the purpose of installing two (2) 12" diameter force mains.

**B. Cady Marsh Ditch**

**Applicant: Nipsco**

Application to "Perform Work Within", and "Place Temporary/Permanent Structure" within regulated drain for the purpose of installing a 24" natural gas pipeline.

**C. Other**

**7. MS4 Water Quality**

**A. Capital Projects Status Report**

1. 41<sup>st</sup> Avenue Storm Sewer Project, Calumet Twp.
2. 133<sup>rd</sup> Avenue / S.R. 55 Storm Drainage Project, Center Twp.
3. Upper Beaver Dam Ditch Storage/Water Quality Project
4. Willowdale Sanitary Sewer – Phase II & III
  - Review and recommendation for approval of partial payment of \$71,183.15 from Frank Stewart, P.E. (DLZ). Contractor: Gough, Inc.

**B. MS4 Information and Correspondence**

1. 2016 Public Education/Public Participation and Outreach Agreement
2. 4<sup>th</sup> Annual Lake County Contractor’s Workshop Announcement

**C. Other.**

**8. Financial Issues**

**A. Little Calumet River Watershed**

- 2015 Little Calumet River Watershed Budget Reconciliation

**B. Kankakee River Watershed**

- 2015 Kankakee River Watershed Budget Reconciliation

**9. Approve Plans/Advertise for Bids/Seek Proposals and/or Approve Plan Modifications**

**A. Little Calumet River Watershed**

**B. Kankakee River Watershed**

**10. Receive and Open Bids/Proposals**

**A. Little Calumet River Watershed**

1. Turkey Creek Lateral # 3 – Scherwood Golf Course, Schererville, St John Twp.
  - Open sealed bids submitted.

**B. Kankakee River Watershed**

**11. Award Contracts, Approve Modifications, and/or Ratify Actions by County Surveyor**

**A. Little Calumet River Watershed**

**B. Kankakee River Watershed**

**12. Other Business**

**A. Other**

**13. Adjournment**

- A. The next meeting is scheduled for Wednesday February 17, 2016 in the Lake County Commissioners’ Courtroom at 8:00AM Drainage Advisory Committee and 9:00AM Drainage Board.**

**B. Motion to Adjourn.**

# MINUTES

## LAKE COUNTY DRAINAGE BOARD WEDNESDAY, DECEMBER 16, 2015

Advisory Committee Meeting-8:00 A.M. Drainage Board Meeting-9:00 A.M.  
Both Meetings Held in the Commissioner's Courtroom, Lake County Government Center  
2293 North Main Street, Crown Point, IN 46307 Phone-219-755-3745 Fax 219-755-3750

### Lake County Drainage Board

Gerry J. Scheub, Chairman  
Roosevelt Allen Jr., Member  
Michael C. Repay, Member  
Peter Katic, Drainage Board Attorney

### Technical Support

Bill Emerson Jr., Lake County Surveyor  
Daniel V. Gossman, Drainage Administrator  
Rich Budziak, MS4 Coordinator  
Clifford E. Duggan Jr., Legal Consultant  
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**NOTE:** All motions and votes by the Advisory Committee are recommendations to the Lake County Drainage Board and are not final actions. The Lake County Drainage Board is the agency having the authority to act under Indiana Statute.

### 1. Meeting Called to Order – Pledge of Allegiance

- A. Emergency exit announcement: In case of emergency, exit the Commissioners Courtroom and proceed to the stairs and go to the second floor and exit the building. Do not enter an elevator in an emergency. If you require assistance, an employee will escort and/or assist you. Please silence any cellular telephones during this meeting. If you receive a call/text during this meeting, please excuse yourself with as little disruption as possible.

### 2. Roll Call

Members Present: **Chairman Gerry Scheub**; Board Member, **Roosevelt Allen, Jr.**, and Board Member, **Michael Repay**. [3 Present, 0 Absent]. Also Present: **Lake County Surveyor Bill Emerson, Jr.**; Lake County Drainage Administrator, **Dan Gossman**; Lake County Drainage Board Attorney **Peter Katic**; Drainage Board Secretary, **Mary Ellen Kupsik**; North Watershed Engineering Consultant, **Thomas Burke of Christopher B. Burke Engineering**; and South Watershed Engineering Consultant, and **Brian Ralstin**, American Structurepoint, and Legal Consultant, **Attorney Cliff Duggan**.

3. Agenda **PUBLIC HEARING SCHEDULED FOR 9:15AM**

A. **Additions, Deletions, and/or Corrections**

**Dan Gossman** requested adding Item No. 7-B, a MS4 Report. **Chairman Scheub** requested changing all contracts listed under 11-A-1 thru 3 and 11-B-1 thru 3 to one-year contracts as opposed to two-year contracts. Motion to approve the above-stated addition and corrections was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

B. **Permission to Open Bids/Proposals**

4. Minutes

A. **November 18, 2015**

**Chairman Scheub** requested a motion to accept and approve the minutes from the **November 18, 2015** Lake County Drainage Board. Motion to accept and approve same was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

5. Reports – Correspondence – Information for the Record

A. **Advisory Committee By Township**

**Certificate of Appreciation for Don Jones – Calumet Twp. Advisory Committee**

**Lake County Surveyor Bill Emerson, Jr.** announced that **Don Jones (Calumet Township)** has served on the Lake County Advisory Committee for over 12 years and held the position of Chairman for several of those years. **Surveyor Emerson, Jr.** stated he appreciated Mr. Jones' experience and knowledge while conducting the Drainage Advisory Committee Meetings from his first meeting as Lake County Surveyor up until **Mr. Jones'** last meeting this past year. Both **Lake County Surveyor Bill Emerson, Jr. and the Lake County Drainage Board** thanked **Mr. Jones'** for his service. **Mr. Jones**, in turn, thanked the Lake County Drainage Board, the Lake County Surveyor and his staff and wished everyone a Merry Christmas.

B. **Little Calumet River Watershed**

1. **Cady Marsh Ditch, North Twp.**

- Letter from Wisconsin Central Limited/Canadian National authorizing Midwest Engineering as liaison for activity at mile post 37.94 and the Cady Marsh Ditch.
- Letter from Midwest Engineering regarding work within the RR right-of-way.

2. **Main Beaver Dam Ditch, Center Twp.**

- Letter from Drainage Administrator Dan Gossman to City of Crown Point Engineer Tris Miles regarding emergency sewer repair.
- Email from City of Crown Point Engineer Tris Miles requesting permission for emergency sewer repair.

3. **Schererville Ditch and Dyer Ditch, St John Twp.**

Letter from Drainage Administrator Dan Gossman to Jeff Pintar, P.E. Robinson Engineering regarding approval for brush clearing along the Teibel Ponds.

4. **Spring Street Ditch, North Twp.**

Letter from Indiana Department of Natural Resources to Jeff Williams (Environmental Resources Management Inc.) regarding proposed pipeline repair work 3,000' downstream of Main Street (53<sup>rd</sup> Avenue), Highland, North Twp.

5. Letter from MS4 Compliance Inspector Chris Brown to County Surveyor Bill Emerson, Jr. and County Commissioner Mike Repay regarding status of drainage concerns near 4525 E. Oak Street in Calumet Township.

6. Other.

Item Nos. 5-B-1, 2, 3, 4. **Information Only**

**C. Kankakee River Watershed**

**1. Foss Ditch, Center Twp.**

- Letter from County Planning & Building Administrator Beth Jacobson to Don & Barbara Wittenhagen regarding "Special Exception" for 3 large animals (horses).
  - Letter from Drainage Administrator Dan Gossman to County Plan Commission Director Ned Kovachevich regarding conditions for "Special Exception" near Foss Ditch.
2. Letter from County Councilman Eldon Strong to Gregory Dollinar regarding regulated drain determination.
3. Letter/Report from Asst Drainage Administrator Tom Regalado to County Surveyor Bill Emerson, Jr. regarding Clearing & Snagging Crew activity.

**Dan Gossman** reported that the Clearing & Snagging Crew are finished for the year; however, **Surveyor Bill Emerson, Jr., Chris Brown, Tom Regalado and himself** are still working on breaking up beaver dams as time allows.

4. Other

Item Nos. 5-C-1, 2, & 3. **Information Only**

**D. Current Projects - Little Calumet River Watershed**

1. **Hart Ditch, St John Twp.** (State Line to US Highway 30, - Dyer)
2. **Niles Ditch, Center & Winfield Twps.**

**Dan Gossman** reported that the Surveyor's Office is still waiting for additional information from the contractor and his engineer before moving forward in completing this project.

3. **Main Beaver Dam Ditch, St John Twp.** (East of Blaine Street, Crown Point)
- Review and recommendation for approval of final payment of \$44,799.25 from Asst. Drainage Administrator Tom Regalado. Contractor: Delta III.

**Dan Gossman** requested approval for final payment to Delta III, Inc. in the amount of \$44,799.25 for this project. Motion to approve same was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

4. **Cady Marsh Ditch - Highland, North Twp.** (Hart Ditch to Cline Ave, Highland)
- Review and recommendation for approval of partial payment of \$31,611.29 from Al Walus (CBBEL) Contractor: KDM Services

**Dan Gossman** requested approval for partial payment to KDM Services in the amount of \$31,611.29 for this project. Motion to approve same was made by **Michael C. Repay**, seconded by **Roosevelt Allen, Jr.** Motion carried 3-0.

5. **Turkey Creek Lateral # 3 – Scherwood Golf Course, Schererville, St John Twp.**
- Letter from Legal Advisor Cliff Duggan regarding the "Rejection of All Bids" and "Re-Advertising" for January meeting.

**Dan Gossman** reported that at the October Meeting bids were opened and this project was awarded; however, after further review, there were discrepancies with the subcontractor's cost to perform the pressure grouting. **Attorney Duggan** added that in order to be fair since there was some confusion on the specifications, we need to rebid and requested that all bids be rejected and be re-advertised with bids due at the January, 2016 meeting. Motion to approve rejecting all bids and re-advertised was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

6. **Cady Marsh Ditch – Griffith, Calumet Twp.** (Cline Ave to Colfax St, Griffith)
  - “Notice of Award” to Delta III from Drainage Administrator Dan Gossman
7. **Other**

Item Nos. 5-D-1, 2, & 3. **Information Only**

**E. Current Projects - Kankakee River Watershed**

1. **Brown Levee Ditch – Emergency Levee Repair, Eagle Creek Twp.**
2. **Singleton Ditch Maintenance, West Creek Twp.** (US 41 to Monon Road)

**Dan Gossman** reported that this project will be complete once vegetation is established in the Spring.

3. **West Creek Maintenance, Hanover Twp.** (125<sup>th</sup> Ave to 133<sup>rd</sup> Ave)
4. **Singleton Ditch Maintenance US 41 to Monon Road – Phase II, Cedar Creek Twp.** (Cedar Creek to Monon Road)
  - “Notice of Award” to R.A. Oros from Drainage Administrator Dan Gossman
5. **Ernie Niemeyer Creek & Levee – Phase IV, West Creek Twp.** (Stateline to US 41)
  - “Notice of Award” to R.A. Oros from Drainage Administrator Dan Gossman
6. **Other**

Item Nos. 5-E-1, 2, & 3. **Information Only**

**Chairman Schueb** requested a motion to accept Item Nos. 5-B, C, D & E as a “Matter of Public Record”. Motion to accept same was made by **Michael C. Repay**, seconded by **Roosevelt Allen, Jr.** Motion carried 3-0.

**F. Geographic Information System**

6. **Applications / Petitions**

**PUBLIC HEARING SCHEDULED FOR 9:15AM**

- A. **Petition To Establish a County Regulated Drain – Tributary to Spring Run Ditch**
  - Notice of Hearing to Establish a Regulated Drain under Indiana Code 36-9-27-19
  - Letter from Richard & Deborah Carlson for consideration.

**Commissioner Scheub** opened the Public Hearing to Petition to Establish a Regulated Drain under Indiana Code 36-9-27-19.

**Craig Zandstra (Lake County Parks Department, Superintendent of Planning and Natural Resource Management)**. Addressed the Board regarding this Petition request stating that this ditch currently drains through Buckley County Park and after speaking with both the County Parks Manager at Buckley Homestead, along with a few tenant farmers down around Buckley,

no one claims to have any drainage or flooding issues in that area. He was concerned that if that drain becomes regulated, one side of the drain will be cleared off in order to periodically maintain and currently it is a nice wooded, slow moving, scenic waterway running through to the park with its banks stabilized throughout for visitors to enjoy while walking the property and did not see any benefit to the park if it was made a regulated drain. *"We, the Lake County Parks Department, just wanted to let it be known from our perspective that at this point, we don't see any issues with that drain. We really don't see a need to make it a legal drain. But, we just wanted to make it known to this Board and the Surveyor's Office, we are very happy to work with anybody as far as the project goes. If there is a real need there to do some work to maybe help in some areas that needs to be done. But, as far as the environment goes, I think it is a good thing for the park that the water flows slowly and provides the benefits that it does. That is just the Park's perspective at this point."*

**Tom Truly (Building Commissioner for the Town of Lowell).** *"Three years ago I worked with Dan Gossman and got easement rights from everybody, including the Parks Department, Bob Nickovich, to clean-up the ditch and everybody was agreeable. That ditch drains one-third of the Town of Lowell and because it does not drain properly, it backs up and our roads start flooding whenever we get the heavy rains and that is the reason we petitioned the county to make it a regulated ditch, so they can get it cleaned out. And, as far as I knew, everyone was in favor of it. Three years ago, Bob Nickovich was absolutely in favor of it and he signed a Waiver for us to go through and clean it at that time."*

Upon no one else appearing before the Board at this Public Hearing, **Commissioner Scheub** closed the Public Hearing and turned the meeting back to the **Lake County Surveyor Emerson, Jr.** and his staff. **Surveyor Emerson** stated that the Town of Lowell's concerns need to be addressed and that the Drainage Board/Surveyor's Office would also work with the Parks Department to make as little impact as possible on any wetlands or environmental concerns.

**Attorney Cliff Duggan** further explained that this is a rather streamline process under Indiana Code 36-9-27-19, and on this there is a procedure where you can file written objections up to the date of the Hearing. *"We did receive the one letter that is in your packet and obviously at today's hearing we received testimony and again, procedurally under that statute, the Board would enter some findings after listening to the testimonies that would be reduced to writing if the Board finds that there is a benefit to at least 50% in acreage of the property owners. And those benefits would exceed any damages that people would have by making it from a mutual drain to a regulated drain, then the Board could order it to become a regulated drain. I believe by what the Board has heard, it has heard the benefits, its heard minimal, if any, damages that would occur. The Board would need to make those two findings and order that they may be reduced to writing."*

**Michael C. Repay** stated since the Lake County Parks has some concerns, it was his preference to double check with **Bob Nickovich** to verify whether the Lake County Parks Department is okay with having this be a regulated drain. **Chairman Scheub** stated that this will benefit the Town of Lowell and that he never heard from **Bob Nickovich** regarding anything negative about making this a regulated drain and reiterated the importance of getting this accomplished, because it will give the County the right to legally do what has to be done in order to alleviate further flooding for the Town of Lowell and will not disturb much at all in regards to the Park's property. **Surveyor Emerson, Jr.** replied that if it's the Board's preference to provide a more detailed report, this Petition can be deferred. **Roosevelt Allen, Jr.** commented that if it causing flooding issues for the Town of Lowell and its residents, the

Town should take precedence over the Parks Department, since the residents of the town are the taxpayers and their tax monies supports the Parks Department. He stated that he was in favor of not delaying in making this a regulated drain in order to make the necessary improvements to prevent discomfort to the citizens that live in the town. **Surveyor Emerson, Jr.** requested that in respect to **Mr. Carlson's** request to have a 25 foot easement along the south side of the ditch as long as the 5 mature Norweigan pines remain undisturbed be made a part of this Petition approval. **Commissioner Allen, Jr.** made a motion to approve this Petition to establish a regulated drain, a tributary to Spring Run Ditch with the aforementioned conditions concerning the easement stated by **Surveyor Emerson, Jr. and Attorney Cliff Duggan's** findings and that they would be reduced to writing as well, seconded by **Michael C. Repay.** Motion carried 3-0.

**B. West Creek Lateral No. 1**

**Applicant: Town of St John – Agent: Haas & Associates**

Application to “Perform Work Within”, and “Place Temporary/Permanent Structure” within regulated drain for the purpose of installing two (2) 12” diameter force mains.

**Brian Ralstin (ASI)** reported after review of this application, there are currently outstanding issues that need to be addressed by Applicant prior to recommending approval and requested deferral. Motion to defer was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay.** Motion carried 3-0.

**C. Other**

**7. MS4 Water Quality**

**A. Capital Projects Status Report**

**1. Hermits Lake Sanitary Sewer Project, Center Twp.**

- News article from “Post Tribune”

**Surveyor Emerson, Jr.** reported that after 19 years this project is complete and thanked **Commissioner Scheub** for working hard in getting this project accomplished, with the combined effort from the **City of Crown Point, Mayor Uran and Congressman Visclosky.** Commissioner Repay added mostly importantly could not get done without money. This project provided over 240 homeowner's with sanitary sewers.

**2. 41<sup>st</sup> Avenue Storm Sewer Project, Calumet Twp.**

**3. 133<sup>rd</sup> Avenue / S.R. 55 Storm Drainage Project, Center Twp.**

**Surveyor Emerson, Jr.** reported that a meeting with INDOT has been set next week to discuss outstanding issues related Item Nos. 7-A-2 & 3, as well as other outstanding projects in the county.

**4. Upper Beaver Dam Ditch Storage/Water Quality Project**

**5. Willowdale Sanitary Sewer – Phase II & III**

- Review and recommendation for approval of partial payment of \$134,311.38 from Frank Stewart, P.E. (DLZ). Contractor: Gough, Inc.

**Lake County Surveyor Bill Emerson, Jr.** requested approval for a partial payment to **Gough, Inc. in the amount of \$134,311.38**. Motion to approve partial payment to **Gough, Inc. in the amount of \$134,311.38** was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

- Letter from Drainage Administrator to County Surveyor Bill Emerson, Jr. and County Commissioner Gerry Scheub requesting ratification of County Surveyor action regarding additional tree removal.
- "Notice to Proceed" to RA Oros from Drainage Administrator Dan Gossman.
- Review and recommendation for approval of final payment of \$1,600.00 from Drainage Administrator Dan Gossman. Contractor: RA Oros, Inc.

**Lake County Surveyor Bill Emerson, Jr.** explained that there were a few unanticipated trees in the way of placing the sanitary sewer on a property, which was not called for in the plans and he requested approval for the ratification of County Surveyor's action regarding the tree removals and payment to **R.A. Oros** for the removal of same in the amount of **\$1,600.00**. Motion to approve same was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

#### **B. MS4 Information and Correspondence**

##### **1. Handout-Lake County MS4 Goodhousekeeping Workshop held at Lake County Highway Department on December 10<sup>th</sup> and 11<sup>th</sup>.**

**Rich Budziak** reported this workshop explained in detail the Clean Water Act Requirements for Highway Facilities on Good Housekeeping; County Permitting requirements; Best Management Practices and current updates on Facility Stormwater Management.

#### **C. Other.**

1. Renewal of Contract with DLZ Indiana, LLC for the purpose of performing as its Assistant Deputy Surveyor who will report to the Lake County Surveyor for services pertaining to water quality for the MS4 Department.

**Lake County Surveyor Bill Emerson, Jr.** requested the Renewal of Contract with DLZ Indiana, LLC for the purpose of performing as its Assistant Deputy Surveyor who will report to the Lake County Surveyor for services pertaining to water quality for the MS4 Department. Motion to approve this contract renewal was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

2. Renewal for MS4 Contract for Professional Coordination Services for Lake County Surveyor/Lake County Drainage Board/Lake County Government Facilities between Christopher B. Burke Engineering, LLC and the Lake County Surveyor/Lake County Drainage Board – (One-Year, Reduced Amount)

**Lake County Surveyor Bill Emerson, Jr.** requested the Renewal of Contract Renewal for MS4 Contract for Professional Coordination Services for Lake County Surveyor/Lake County Drainage Board/Lake County Government Facilities between Christopher B. Burke Engineering, LLC and the Lake County Surveyor/Lake County Drainage Board – (One-Year, Reduced Amount). Motion to approve this contract renewal was made by **Michael C. Repay**, seconded by **Roosevelt Allen, Jr.** Motion carried 3-0.

**8. Financial Issues**

- A. Little Calumet River Watershed**
- B. Kankakee River Watershed**

**9. Approve Plans/Advertise for Bids/Seek Proposals and/or Approve Plan Modifications**

**A. Little Calumet River Watershed**

**1. Turkey Creek Lateral # 3 – Scherwood Golf Course, Schererville, St John Twp.**

- Approve the Plans and Specifications to Advertise for Bids to be due at the next scheduled Lake County Drainage Board meeting. (Plans will be available at meeting).

**Dan Gossman** requested the approval of plans and specifications to advertise for bids due at the next scheduled Lake County Drainage Board Meeting for Turkey Creek Lateral #3-Scherwood Golf Course, Schererville, St. John Twp. Motion to approve these plans and specifications was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

**B. Kankakee River Watershed**

**10. Receive and Open Bids/Proposals**

**A. Little Calumet River Watershed**

**B. Kankakee River Watershed**

**1. Ernie Niemeyer Creek & Levee – Annual Maintenance**

- Bid Proposal Requests from Drainage Administrator Dan Gossman to contractors Wunderink Riverside Farms, R.A. Oros, Inc, and Delta III, Inc. to perform Annual Maintenance work on the Ernie Niemeyer Creek & Levee from U.S. 41 at Schneider to the Monon Railroad, west of S.R. 55 at Shelby.

**Dan Gossman** reported that as of 9:00 a.m. this morning no proposals were received and requested extending bid proposals for this project to be due at January's 2016 Meeting to the original three and possibly others. **Attorney Cliff Duggan** requested authorizing the Surveyor's Office to proceed, as appropriate, to solicit bids and bring back to the Board at their January 2016 Meeting. **Michael C. Repay** requested also expanding bid proposals to other contractors. Motion to approve these plans and specifications was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

**11. Award Contracts, Approve Modifications, and/or Ratify Actions by County Surveyor**

**A. Little Calumet River Watershed**

- 1. Accept and Approve one-year Engineering Consultant contract with Christopher B. Burke Engineering for Little Calumet River Watershed.**
- 2. Accept and Approve one-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Bob Jensen and the Lake County Drainage Board/Lake County Surveyor.**
- 3. Accept and Approve one-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Tom Larson and the Lake County Drainage Board/Lake County Surveyor.**

**Dan Gossman** requested approval for one-year contracts under Item Nos. 11-A-1, 2 & 3 above between the Lake County Drainage Board, Lake County Surveyor, CBBEL, and Wildlife Population Control Specialists **Bob Jensen & Tom Larson**. Motion to approve and award same was made by **Michael C. Repay**, seconded by **Roosevelt Allen, Jr.** Motion carried 3-0.

**B. Kankakee River Watershed**

1. **Accept and Approve one-year Engineering Consultant contract with American Structurepoint for Kankakee River Watershed.**
2. **Accept and Approve one-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Bob Jensen and the Lake County Drainage Board/Lake County Surveyor.**
3. **Accept and Approve one-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Tom Larson and the Lake County Drainage Board/Lake County Surveyor.**

**Dan Gossman** requested approval for one-year contracts under Item Nos. 11-B-1, 2 & 3 above between the Lake County Drainage Board, Lake County Surveyor, ASI, and Wildlife Population Control Specialists **Bob Jensen & Tom Larson**. Motion to approve and award same was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

4. **Accept and Approve Wetland Mitigation Design and Coordination contract with American Structurepoint.**

Motion to accept and approve Wetland Mitigation Design and Coordination contract with **American Structurepoint** was made by **Roosevelt Allen, Jr.**, seconded by **Michael C. Repay**. Motion carried 3-0.

**12. Other Business**

**A. 2016 PROPOSED DRANIAGE BOARD MEETING SCHEDULE**

**Dan Gossman** requested the pleasure of the Lake County Drainage Board to accept and approve holding 2016 monthly meetings on the third Wednesday of each month. Motion to accept and approve same was made by **Roosevelt Allen, Jr.**, seconded **Michael C. Repay**. Motion carried 3-0.

**B. Other**

**Chairman Gerry Scheub** wished everyone a very Merry Christmas and Happy New Year!

**13. Adjournment**

- A. **The next meeting is scheduled for Wednesday January 20, 2016 in the Lake County Commissioners' Courtroom at 8:00AM Drainage Advisory Committee and 9:00AM Drainage Board.**
- B. **Motion to Adjourn.**

Meeting adjourned at 9:40 a.m.

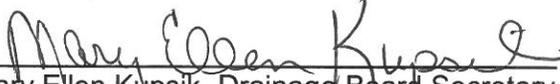
APPROVED THIS 20th DAY OF JANUARY, 2016

**LAKE COUNTY DRAINAGE BOARD**

  
\_\_\_\_\_  
Gerry Scheub, Chairman

\_\_\_\_\_  
Roosevelt Allen, Jr., Member

  
\_\_\_\_\_  
Michael C. Repay, Member

ATTEST:   
\_\_\_\_\_  
Mary Ellen Kupsik, Drainage Board Secretary

# MINUTES

## LAKE COUNTY DRAINAGE BOARD ADVISORY COMMITTEE

**WEDNESDAY, December 16, 2015**

Advisory Committee Meeting-8:00 A.M.      Drainage Board Meeting-9:00 A.M.  
Both Meetings Held in the Commissioner's Courtroom, Lake County Government Center  
2293 North Main Street, Crown Point, IN 46307 Phone-219-755-3745 Fax 219-755-3750

### Lake County Drainage Board

Gerry J. Scheub, Chairman  
Roosevelt Allen Jr., Member  
Michael C. Repay, Member  
Peter Katic, Drainage Board Attorney

### Technical Support

Bill Emerson Jr., Lake County Surveyor  
Daniel V. Gossman, Drainage Administrator  
Rich Budziak, MS4 Coordinator  
Clifford E. Duggan Jr., Legal Consultant  
Mary Ellen Kupsik, Drainage Board Secretary

**NOTE:** All motions and votes by the Advisory Committee are recommendations to the Lake County Drainage Board and are not final actions. The Lake County Drainage Board is the agency having the authority to act under Indiana Statute.

### 1. Meeting Called to Order – Pledge of Allegiance

- A. Emergency exit announcement: In case of emergency, exit the Commissioners Courtroom and proceed to the stairs and go to the second floor and exit the building. Do not enter an elevator in an emergency. If you require assistance, an employee will escort and/or assist you. Please silence any cellular telephones during this meeting. If you receive a call/text during this meeting, please excuse yourself with as little disruption as possible.

### 2. Roll Call

Dave Hubinger, Center Twp.; Jean Shepherd, St. John Twp.; Tom Silich, Hobart Twp.; Milan Dakich, Ross Twp.; Kimberly K. Robinson, Calumet Twp.; Harold Mussman, West Creek Twp., and Alice Dahl, Cedar Creek Twp.; Ken Huseman, Hanover Twp., and John Jurs, Eagle Creek Twp. [9 Present, 2 Absent]. Also Present: Lake County Surveyor Bill Emerson, Jr.; Dan Gossman, Drainage Administrator; Clifford E. Duggan Jr., Legal Consultant; Mary Ellen Kupsik, Drainage Board Secretary; North Watershed Engineering Consultant, Thomas Burke of Christopher B. Burke Engineering; South Watershed Engineering Consultant, Brian Ralstin, American Structurepoint, Inc.

3. **Agenda** **PUBLIC HEARING SCHEDULED FOR 9:15AM**  
A. Additions, Deletions, and/or Corrections  
B. Permission to Open Bids/Proposals

4. **Minutes**  
A. November 18, 2015

**Tom Silich** requested a motion to accept and approve the minutes from the November 18, 2015 Lake County Drainage Advisory Board Minutes. Motion to accept and approve same was made by **Dave Hubinger**, seconded by **Milan Dakich**. Motion carried.

5. **Reports – Correspondence – Information for the Record**  
A. **Advisory Committee By Township**

**Kimberly Robinson** announced that this will be her last meeting that she will be attending as the Advisory Committee person representing Calumet Township and that starting in January of 2016; Louise Neese will be representing Calumet Township. She thanked everyone for the privilege to serve on this Committee and will always be available, if needed, in her capacity as Calumet Township Trustee.

**Jean Shepherd (St. John Twp.)** inquired as to the status regarding a drainage issue of a property owner in St. John Township. **Dan Gossman** replied that upon review, it was determined that the property is located in unincorporated St. John Township; however, the drainage issue in his back yard is in the Town of St. John limits. He stated that he and **Surveyor Emerson, Jr.** will coordinate with the Town Manager of St. John to investigate and address this property owner's drainage issues and keep Jean Shepherd updated.

#### **Certificate of Appreciation for Don Jones – Calumet Twp. Advisory Committee**

**Chairman Tom Silich** introduced former Advisory Board Chairman, Mr. Don Jones, thanking him for being such an asset to this Committee and presented him with a plaque from the Lake County Drainage Board recognizing his years of service, which read as follows:

*“Don Jones of Calumet Township in recognition for 12 years of service and dedication to the Lake County Drainage Advisory Committee, dated August 20, 2015.”*

#### **B. Little Calumet River Watershed**

##### **1. Cady Marsh Ditch, North Twp.**

- Letter from Wisconsin Central Limited/Canadian National authorizing Midwest Engineering as liaison for activity at mile post 37.94 and the Cady Marsh Ditch.
- Letter from Midwest Engineering regarding work within the RR right-of-way.

#### **Information Only.**

##### **2. Main Beaver Dam Ditch, Center Twp.**

- Letter from Drainage Administrator Dan Gossman to City of Crown Point Engineer Tris Miles regarding emergency sewer repair.
- Email from City of Crown Point Engineer Tris Miles requesting permission for emergency sewer repair.

**Information Only.**

**3. Schererville Ditch and Dyer Ditch, St John Twp.**

Letter from Drainage Administrator Dan Gossman to Jeff Pintar, P.E. Robinson Engineering regarding approval for brush clearing along the Teibel Ponds.

**Information Only.**

**4. Spring Street Ditch, North Twp.**

Letter from Indiana Department of Natural Resources to Jeff Williams (Environmental Resources Management Inc.) regarding proposed pipeline repair work 3,000' downstream of Main Street (53<sup>rd</sup> Avenue), Highland, North Twp.

**Information Only.**

- 5.** Letter from MS4 Compliance Inspector Chris Brown to County Surveyor Bill Emerson, Jr. and County Commissioner Mike Repay regarding status of drainage concerns near 4525 E. Oak Street in Calumet Township.

**Information Only.**

- 6.** Other.

**C. Kankakee River Watershed**

**1. Foss Ditch, Center Twp.**

- Letter from County Planning & Building Administrator Beth Jacobson to Don & Barbara Wittenhagen regarding "Special Exception" for 3 large animals (horses).
- Letter from Drainage Administrator Dan Gossman to County Plan Commission Director Ned Kovachevich regarding conditions for "Special Exception" near Foss Ditch.

**Information Only.**

- 2.** Letter from County Councilman Eldon Strong to Gregory Dollinar regarding regulated drain determination.

**Information Only.**

- 3.** Letter/Report from Asst Drainage Administrator Tom Regalado to County Surveyor Bill Emerson, Jr. regarding Clearing & Snagging Crew activity.

**Dan Gossman** explained that this is the last report for 2015 from our Drainage Administrator, **Tom Regalado**, regarding the County's Clearing and Snagging Crew. **Dan** added that he, **Tom Regalado and Chris Brown** have and will be periodically going out to dismantle Beaver Dams until the Clearing and Snagging Crew start up again in the Spring.

- 4.** Other

**D. Current Projects - Little Calumet River Watershed**

1. **Hart Ditch, St John Twp.** (State Line to US Highway 30, - Dyer)
2. **Niles Ditch, Center & Winfield Twps.**

**Dan Gossman** reported that the Surveyor's Office is still waiting for additional information from the contractor and his engineer before moving forward in completing this project.

3. **Main Beaver Dam Ditch, St John Twp.** (East of Blaine Street, Crown Point)
  - Review and recommendation for approval of final payment of \$44,799.25 from Asst. Drainage Administrator Tom Regalado. Contractor: Delta III.

**Dan Gossman** requested recommending approval for final payment to Delta III, Inc. in the amount of \$44,799.25 for this project. Motion to recommend approval of same was made by **Jean Shepherd**, seconded by **Alice Dahl**. Motion carried.

4. **Cady Marsh Ditch - Highland, North Twp.** (Hart Ditch to Cline Ave, Highland)
  - Review and recommendation for approval of partial payment of \$31,611.29 from Al Walus (CBBEL) Contractor: KDM Services

**Dan Gossman** requested recommending approval for partial payment to KDM Services in the amount of \$31,611.29 for this project. Motion to recommend approval of same was made by **Dave Hubinger**, seconded by **Milan Dakich**. Motion carried.

5. **Turkey Creek Lateral # 3 – Scherwood Golf Course, Schererville, St John Twp.**
  - Letter from Legal Advisor Cliff Duggan regarding the "Rejection of All Bids" and "Re-Advertising" for January meeting.

**Dan Gossman** explained that after opening bids and awarding this project a discrepancy was discovered during the final review process. **Surveyor Emerson, Jr.** further explained that there was a mix up with the subcontractor's cost to perform the pressure grouting, originally they came in at a price of \$32,985.00 and the morning of the bid openings, they increased their price to \$65,000.00 from \$32,985.00. After reviewing same with **Attorney Cliff Duggan**, who advised us to return the bids and rebid the project. **Attorney Cliff Duggan** requested recommending to "reject all bids" and "re-advertise" for this project. Motion to recommend approval regarding the "rejection of all bids" and "Re-advertising" with bids due at the January Drainage Board Meeting was made by **Dave Hubinger**, seconded by **Milan Dakich**. Motion carried.

6. **Cady Marsh Ditch – Griffith, Calumet Twp.** (Cline Ave to Colfax St, Griffith)
  - "Notice of Award" to Delta III from Drainage Administrator Dan Gossman

**Information Only.**

7. **Other**

## **E. Current Projects - Kankakee River Watershed**

### **1. Brown Levee Ditch – Emergency Levee Repair, Eagle Creek Twp.**

**John Jurs** inquired as to when a meeting will be set with the Surveyor Staff related to the above project. **Surveyor Emerson, Jr.** requested setting up a date after today's meeting.

### **2. Singleton Ditch Maintenance, West Creek Twp. (US 41 to Monon Road)**

**Dan Gossman** reported that this project is near completion.

### **3. West Creek Maintenance, Hanover Twp. (125<sup>th</sup> Ave to 133<sup>rd</sup> Ave)**

### **4. Singleton Ditch Maintenance US 41 to Monon Road – Phase II, Cedar Creek Twp. (Cedar Creek to Monon Road)**

- "Notice of Award" to R.A. Oros from Drainage Administrator Dan Gossman

## **Information Only.**

### **5. Ernie Niemeyer Creek & Levee – Phase IV, West Creek Twp. (Stateline to US 41)**

- "Notice of Award" to R.A. Oros from Drainage Administrator Dan Gossman

## **Information Only.**

### **6. Other**

**Tom Silich** requested a recommendation to approve and make a "Matter of Public Record" Item Nos.5-B, C, D & E. Motion to recommend approval of same was made by **Alice Dahl**, seconded by **Harold Mussman**. Motion carried.

## **F. Geographic Information System**

### **6. Applications / Petitions**

#### **PUBLIC HEARING SCHEDULED FOR 9:15AM**

#### **A. Petition To Establish a County Regulated Drain – Tributary to Spring Run Ditch**

- Notice of Hearing to Establish a Regulated Drain under Indiana Code 36-9-27-19
- Letter from Richard & Deborah Carlson for consideration.

**Dan Gossman** reported that at 9:15 there will be a Public Hearing regarding a Petition to Establish a Regulated Drain for a lateral to Stony Run on the East Side of Lowell, south of SR 2. He stated that only one remonstrator letter was received indicating that if the Petition is passed, they want the easement only on one side with no trees taken down on the other side.

#### **B. West Creek Lateral No. 1**

##### **Applicant: Town of St John – Agent: Haas & Associates**

Application to "Perform Work Within", and "Place Temporary/Permanent Structure" within regulated drain for the purpose of installing two (2) 12" diameter force mains.

**Brian Ralstin (ASI)** reported, after review of this application, ASI is requesting a resubmittal from Applicant in order to address some outstanding comments. **Surveyor Emerson, Jr.** recommended requesting deferral. Motion to defer was made by **Jean Shepherd**, seconded by **Alice Dahl**. Motion carried.

### C. Other

#### 7. MS4 Water Quality

##### A. Capital Projects Status Report

##### 1. Hermits Lake Sanitary Sewer Project, Center Twp.

- News article from "Post Tribune"

**Surveyor Bill Emerson, Jr.** reported that this long awaited project is complete and is a great improvement for that area

##### 2. 41<sup>st</sup> Avenue Storm Sewer Project, Calumet Twp.

##### 3. 133<sup>rd</sup> Avenue / S.R. 55 Storm Drainage Project, Center Twp.

**Surveyor Bill Emerson, Jr.** reported that a meeting has been set with INDOT next week to discuss Item Nos. 7-A-2&3, along with other outstanding matters and he will provide an update at next month's meeting.

##### 4. Upper Beaver Dam Ditch Storage/Water Quality Project

##### 5. Willowdale Sanitary Sewer – Phase II & III

**Surveyor Bill Emerson, Jr.** reported that this project is moving forward with only a few minor issues to address.

- Review and recommendation for approval of partial payment of \$134,311.38 from Frank Stewart, P.E. (DLZ). Contractor: Gough, Inc.

**Surveyor Bill Emerson, Jr.** requested recommending a partial payment to Gough, Inc. in the amount of \$134,311.38. Motion to recommend approval of same was made by **Dave Hubinger**, seconded by **Milan Dakich**. Motion carried.

- Letter from Drainage Administrator to County Surveyor Bill Emerson, Jr. and County Commissioner Gerry Scheub requesting ratification of County Surveyor action regarding additional tree removal.
- "Notice to Proceed" to RA Oros from Drainage Administrator Dan Gossman.
- Review and recommendation for approval of final payment of \$1,600.00 from Drainage Administrator Dan Gossman. Contractor: RA Oros, Inc.

**Surveyor Bill Emerson, Jr.** explained that in order to tie into the main sanitary sewer line there was an unplanned, but necessary tree removal. He stated that proposal requests were sent to various contractors, in addition to Gough, Inc., to perform same. Upon receipt of said proposals, RA Oros came in with the lowest proposal of \$1,600.00. **Surveyor Emerson, Jr.** requested recommending ratifying the approval of the tree removal by RA Oros in the amount of \$1,600.00. Motion to approve same was made by **Dave Hubinger**, seconded by **Harold Mussman**. Motion carried.

**B. MS4 Information and Correspondence**

**C. Other.**

1. Renewal of Contract with DLZ Indiana, LLC for the purpose of performing as its Assistant Deputy Surveyor who will report to the Lake County Surveyor for services pertaining to water quality for the MS4 Department.

**Lake County Surveyor Bill Emerson, Jr.** requested recommending approval for the Renewal of Contract with DLZ Indiana, LLC for the purpose of performing as its Assistant Deputy Surveyor who will report to the Lake County Surveyor for services pertaining to water quality for the MS4 Department. Motion to request recommending approval of same was made by **Alice Dahl**, seconded by **Dave Hubinger**. Motion carried.

2. Renewal for MS4 Contract for Professional Coordination Services for Lake County Surveyor/Lake County Drainage Board/Lake County Government Facilities between Christopher B. Burke Engineering, LLC and the Lake County Surveyor/Lake County Drainage Board – (One-Year, Reduced Amount)

**Lake County Surveyor Bill Emerson, Jr.** requested recommending approval for the Renewal for MS4 Contract for Professional Coordination Services for Lake County Surveyor/Lake County Drainage Board/Lake County Government Facilities between Christopher B. Burke Engineering, LLC and the Lake County Surveyor/Lake County Drainage Board – (One-Year, Reduced Amount). Motion to request recommending approval of same was made by **Alice Dahl**, seconded by **John Jurs**. Motion carried.

**8. Financial Issues**

- A. Little Calumet River Watershed**
- B. Kankakee River Watershed**

**9. Approve Plans/Advertise for Bids/Seek Proposals and/or Approve Plan Modifications**

**A. Little Calumet River Watershed**

1. **Turkey Creek Lateral # 3 – Scherwood Golf Course, Schererville, St John Twp.**
  - Approve Plans and Specifications to Advertise for Bids to be due at the next scheduled Lake County Drainage Board meeting. (Plans will be available at meeting).

**Lake County Surveyor Bill Emerson, Jr.** requested recommending approval of the Plans and Specifications to Advertise for Bids to be due at the next scheduled Lake County Drainage Board Meeting. Motion to approve same was made by **Jean Shepherd**, seconded by **Alice Dahl**. Motion carried.

**B. Kankakee River Watershed**

**10. Receive and Open Bids/Proposals**

**A. Little Calumet River Watershed**

**B. Kankakee River Watershed**

**1. Ernie Niemeyer Creek & Levee – Annual Maintenance**

- Bid Proposal Requests from Drainage Administrator Dan Gossman to contractors Wunderink Riverside Farms, R.A. Oros, Inc, and Delta III, Inc. to perform Annual

Maintenance work on the Ernie Niemeyer Creek & Levee from U.S. 41 at Schneider to the Monon Railroad, west of S.R. 55 at Shelby.

**Dan Gossman** stated that the above bid proposals will be received and opened at today's Drainage Board Meeting.

**11. Award Contracts, Approve Modifications, and/or Ratify Actions by County Surveyor**

**A. Little Calumet River Watershed**

- 1. Accept and Approve two-year Engineering Consultant contract with Christopher B. Burke Engineering for Little Calumet River Watershed.**

**Dan Gossman** requested recommending approval of a two-year engineering consultant contract with Christopher B. Burke Engineering for Little Calumet River Watershed. Motion to request recommending approval of same was made by **Jean Shepherd**, seconded by **Alice Dahl**. Motion carried. **Dan Gossman** noted that **Surveyor Emerson, Jr.** is now requiring that both engineering consultants provide an itemized monthly invoice instead of a one month lump sum.

- 2. Accept and Approve two-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Bob Jensen and the Lake County Drainage Board/Lake County Surveyor.**
- 3. Accept and Approve two-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Tom Larson and the Lake County Drainage Board/Lake County Surveyor.**

**Dan Gossman** requested recommending approval of a two-year emergency beaver relocation contracts between both Wildlife Population Control Specialist Bob Jensen and Tom Larson for the Little Calumet River Watershed. Motion to request recommending approval of same was made by **Alice Dahl**, seconded by **John Jurs**. Motion carried.

**B. Kankakee River Watershed**

- 1. Accept and Approve two-year Engineering Consultant contract with American Structurepoint for Kankakee River Watershed.**

**Dan Gossman** requested recommending approval of a two-year engineering consultant contract with American StructurePoint, Inc. for Kankakee River Watershed. Motion to request recommending approval of same was made by **Alice Dahl**, seconded by **John Jurs**. Motion carried.

- 2. Accept and Approve two-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Bob Jensen and the Lake County Drainage Board/Lake County Surveyor.**
- 3. Accept and Approve two-year Emergency Beaver Relocation contract between Wildlife Population Control Specialist Tom Larson and the Lake County Drainage Board/Lake County Surveyor.**

**Dan Gossman** requested recommending approval of a two-year emergency beaver relocation contracts between both Wildlife Population Control Specialist Bob Jensen and Tom Larson for the Kankakee River Watershed. Motion to request recommending approval of same was made by **Alice Dahl**, seconded by **John Jurs**. Motion carried.

**4. Accept and Approve Wetland Mitigation Design and Coordination contract with American Structurepoint.**

**Dan Gossman** requested recommending approval of a Wetland Mitigation Design and Coordination contract with American Structurepoint, Inc., for the Brown Levee. Motion to request recommending approval of same was made by **Kimberly Robinson**, seconded by **Milan Dakich**. Motion carried.

**12. Other Business**

**A. 2016 PROPOSED DRAINAGE BOARD MEETING SCHEDULE**

**Information Only.**

**B. Other**

**John Jurs** thanked the Lake County Drainage Advisory Committee members, **Mr. Emerson** and **Mr. Gossman** for composing the letter to the Special Drainage Board requesting a meeting be scheduled to address concerns regarding unapproved changes and subsequent construction by Singleton Stone, LLC and he requested that the letter be made a matter of Public Record, seconded by **Alice Dahl**. Motion carried.

**13. Adjournment**

**A. The next meeting is scheduled for Wednesday January 20, 2016 in the Lake County Commissioners' Courtroom at 8:00AM Drainage Advisory Committee and 9:00AM Drainage Board.**

*Merry Christmas and Happy New Year to All!*

**B. Motion to Adjourn.**

Meeting adjourned at 8:35 a.m.

5-A-1  
1-20-16



# **CALUMET TOWNSHIP**

**Lake County, Indiana**

**KIMBERLY K. ROBINSON, Trustee**

Main Office: 610 Connecticut Street, Gary, IN 46402 (219) 880-4000 Fax: (219)880-1851

Multi-Purpose Center: 1900 West 41<sup>st</sup> Avenue, Gary, IN 46408 (219) 981-4023

North Annex: 487 Broadway, Gary, IN 46402 (219) 880-2201

December 10, 2015

Mr. Bill Emerson, Jr.  
Office of the Lake County Surveyor  
2293 North Main Street  
Crown Point, IN 46307

Re: Calumet Township Appointee to the Lake County Drainage Board Advisory Committee

Dear Mr. Emerson, Jr.:

Please be advised that effective January 1, 2016 I am appointing Mrs. Louise Neese as the representative of Calumet Township on the Lake County Drainage Board Advisory Committee. Please find her contact information noted below.

Mrs. Louise Neese  
1900 West 41<sup>st</sup> Avenue  
Gary, IN 46408  
(O) 219.880.4910

Please contact me if you have any questions. Thank you.

Best Regards,

Kimberly K. Robinson, Trustee

Cc: Mrs. Louise Neese





Bill Emerson, Jr.  
County Surveyor

# Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307  
Phone: (219) 755-3745 • Fax: (219) 755-3750

5-A-2  
1-20-16



January 7, 2017

Mrs. Louise Neese  
1900 West 41<sup>st</sup> Avenue  
Gary, IN 46408

Dear Mrs. Neese:

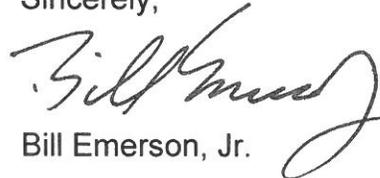
Welcome to the Lake County Drainage Board Advisory Committee. Enclosed please find a copy of a 2016 Drainage Board Meeting Schedule, along with a county map divided by the two watersheds (Little Calumet River & Kankakee River).

Please be advised that the next Lake County Drainage Board Advisory Meeting is scheduled for Wednesday, January 20th at 8:00 a.m. in the Commissioner's Courtroom. We look forward to seeing you there and at all future monthly Drainage Board Meetings.

If you have any questions, please feel free to contact Mary Ellen Kupsik, Lake County Drainage Board Secretary or our Drainage Administrator, Dan Gossman.

Thank you for your willingness to serve the citizens of our area in this capacity. We look forward to your service with us.

Sincerely,



Bill Emerson, Jr.

Enclosures(3)

cc: Kimberly K. Robinson, Calumet Township Trustee



# Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307  
Phone: (219) 755-3745 • Fax: (219) 755-3750

5-A-3  
1-20-16

Bill Emerson, Jr.  
County Surveyor

January 12, 2016

Mr. Frank Mrvan  
North Township Trustee  
5947 Hohman Avenue  
Hammond, IN 46323

Re: North Township Appointee to the  
Lake County Drainage Board Advisory Committee

Dear Mr. Mrvan:

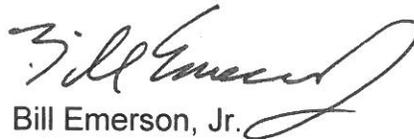
As Lake County Surveyor, and on behalf of the Lake County Drainage Board and Advisory Committee, this letter is to officially advise you that the term of your North Township's appointee to the Lake County Drainage Advisory Committee, Mark Kozy, will expire the end of this month.

Please advise my office, in writing, if you wish Mr. Kozy to continue representing North Township on the Lake County Drainage Advisory Committee.

For your information, enclosed please find a 2016 Lake County Drainage Board/Advisory Committee Meeting schedule.

If you have any questions regarding this matter, please call me at your convenience.

Warm regards,

  
Bill Emerson, Jr.

BE:mek

Enclosure

Cc: Lake County Drainage Board  
Mark Kozy, Advisory Committee Member



# Office of the Lake County Surveyor

5-D-5  
1-20-16

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307  
Phone: (219) 755-3745 • Fax: (219) 755-3750

Bill Emerson, Jr.  
County Surveyor

December 21, 2015

R. A. Oros, Inc.  
8244 Greenwood Avenue  
Munster, IN 46321

**RE: 2015 Turkey Creek, Lateral #3,  
Schervood Golf Course Culvert Improvements  
Scherverville, Indiana, St. John Twp.**

Dear Mr. Poppa,

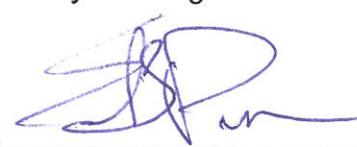
At the Lake County Drainage Board meeting held Wednesday December 16, 2015, the bids received for the above mentioned maintenance project were rejected and therefore, the enclosed "Bid Bond" is being returned to you, as the contractor.

The Lake County Surveyor/Lake County Drainage Board appreciates your interest in our drainage maintenance projects, and looks forward to your company's submittals in the future.

Sincerely,

Daniel V. Gossman  
Drainage Administrator

Cc: Bill Emerson, Jr., Lake County Surveyor  
Cliff Duggan, Legal Advisor  
Peter Katic, Drainage Board Attorney  
Lake County Drainage Board & Advisory Committee

Received By: 

Date: 12-21-15



6-A  
1-20-16

VIA E-MAIL AND 1<sup>ST</sup> CLASS MAIL

Lake County Surveyor's Office  
c/o Mary Ellen Kupsik, Drainage Board Secretary  
2293 North Main Street  
Crown Point, IN 46307

December 17, 2015

Attn: Bill Emerson, Jr.

Re: Lift Station No. 1 – Force Main Crossing Lateral No. 1 of West Creek  
Town of St. John

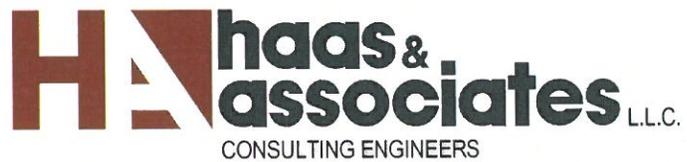
Dear Mr. Emerson:

In response to the American Structurepoint, Inc. review comments dated December 15, 2015, we offer the following responses:

1. Last week the force main ditch crossing banks were delineated as wetlands. As a result, we have added wetland construction procedures to the attached force main ditch crossing detail on sheet 21 of the drawings. These procedures include placement of an erosion control blanket on the top of the backfilled trench, to prevent erosion of the native wetland topsoil which is returned to the top of the trench. We also added a note that the temporary coffer dam in the ditch and any other excess excavated material is to be removed and disposed of off-site.
2. We have expanded the note in the force main ditch crossing detail, regarding the Contractors use of a portable pump to pump water out of and around the ditch crossing excavation, to make the Contractor responsible to prevent any upstream flooding due to the coffer dam.
3. As mentioned in item no. 1, an erosion control blanket will be placed over the native wetland topsoil for stabilization, until wetland vegetation can regrow from the native soil.
4. We hereby request that the diagonal force main crossing of the ditch be allowed as this alignment will keep the two new force main pipes sufficiently clear of existing underground utilities. The diagonal crossing of the ditch will be approximately 40% longer than a perpendicular crossing but this is not significant as the ditch channel is only 10 ft. wide.

We hope these responses are found to be satisfactory. If you need further clarification or revision to these statements, please let us know.

We have enclosed two copies of the revised 11" x 17" drawing sheet no. 21 applicable to the proposed force main ditch crossing detail.



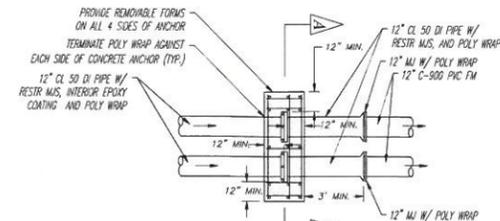
Thank you for your consideration in this matter.

HAAS & ASSOCIATES, LLC

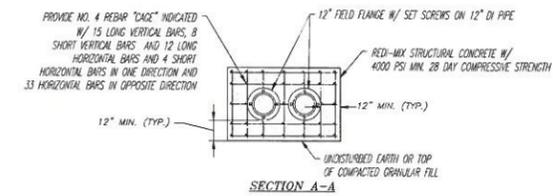
*James H. Maurer*  
James H. Maurer, P.E.

enclosures

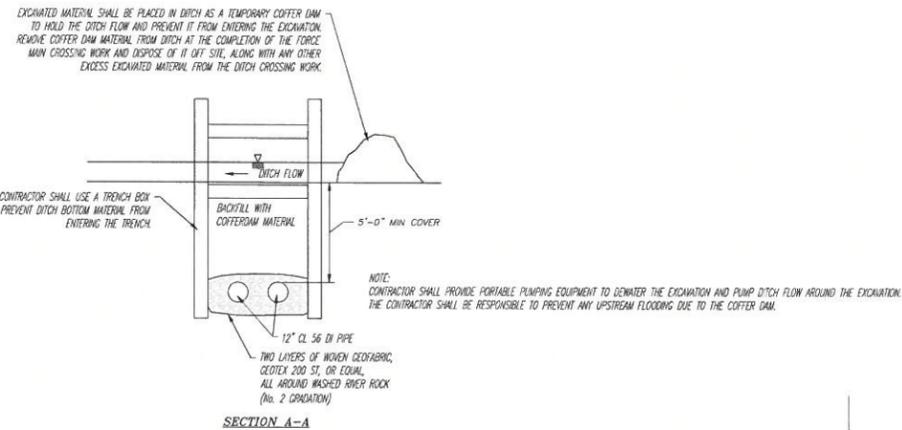
c: Steve Kil, St. John Town Manager  
Brian Payne, American Structurepoint, Inc.  
Brian Ralston, American Structurepoint, Inc.



CONCRETE ANCHOR FOR DUCTILE IRON PIPE DETAIL PLAN  
SCALE: 1/4" = 1'-0"

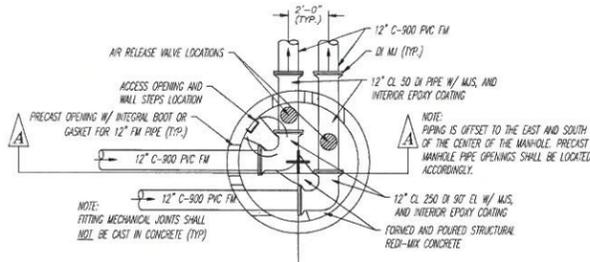


SECTION A-A

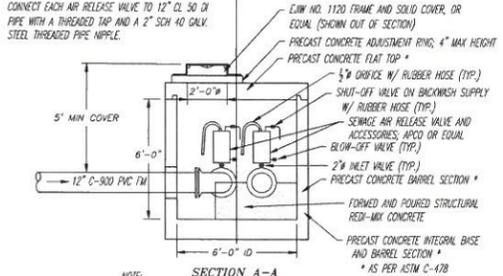


SECTION A-A

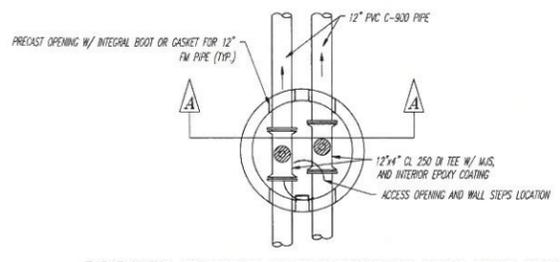
FORCE MAIN DITCH CROSSING DETAIL  
SCALE: 1/4" = 1'-0"



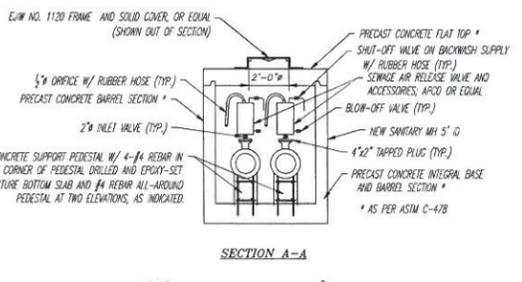
FORCE MAIN 90° TURN AND AIR RELEASE VALVE MANHOLE DETAIL PLAN  
SCALE: 1/4" = 1'-0"



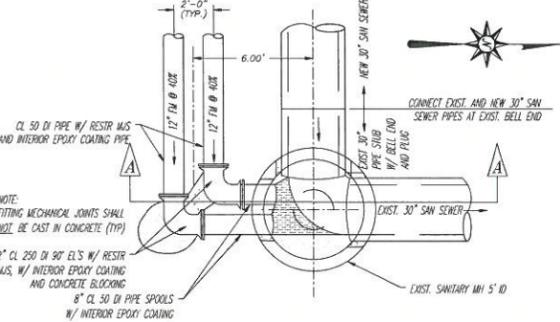
SECTION A-A



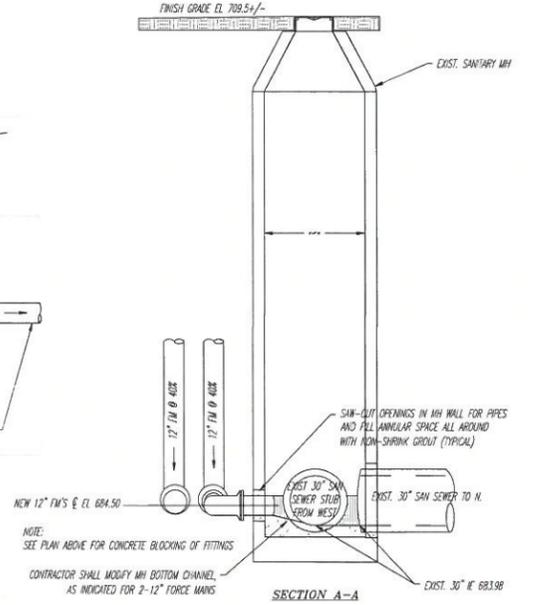
FORCE MAINS AIR RELEASE VALVES MANHOLE AND PIPING DETAIL PLAN  
SCALE: 1/4" = 1'-0"



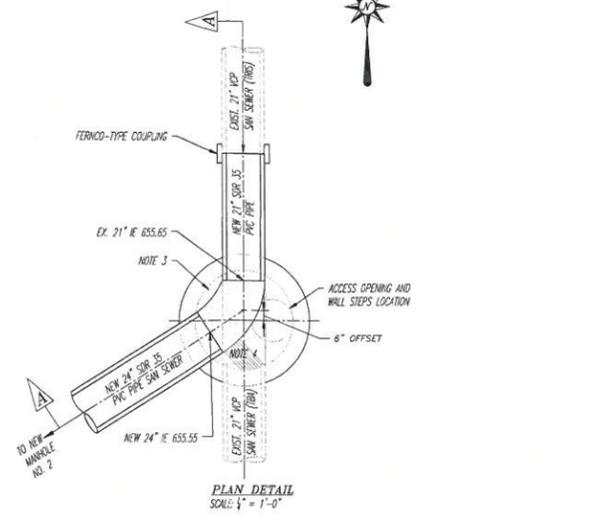
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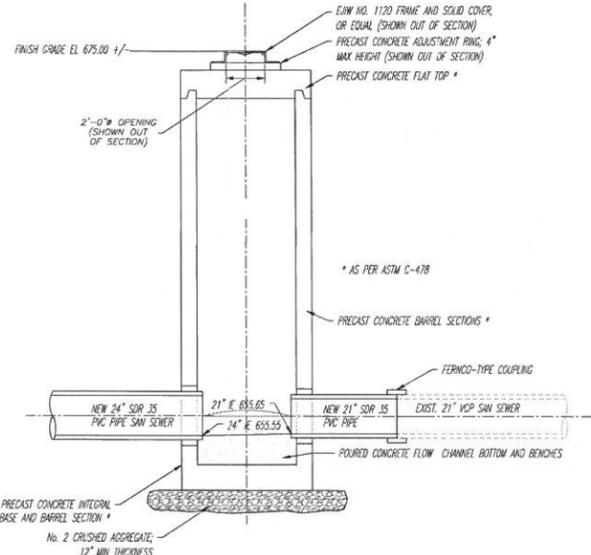
EXISTING MANHOLE FORCE MAIN CONNECTION PLAN  
SCALE: 1/4" = 1'-0"



SECTION A-A



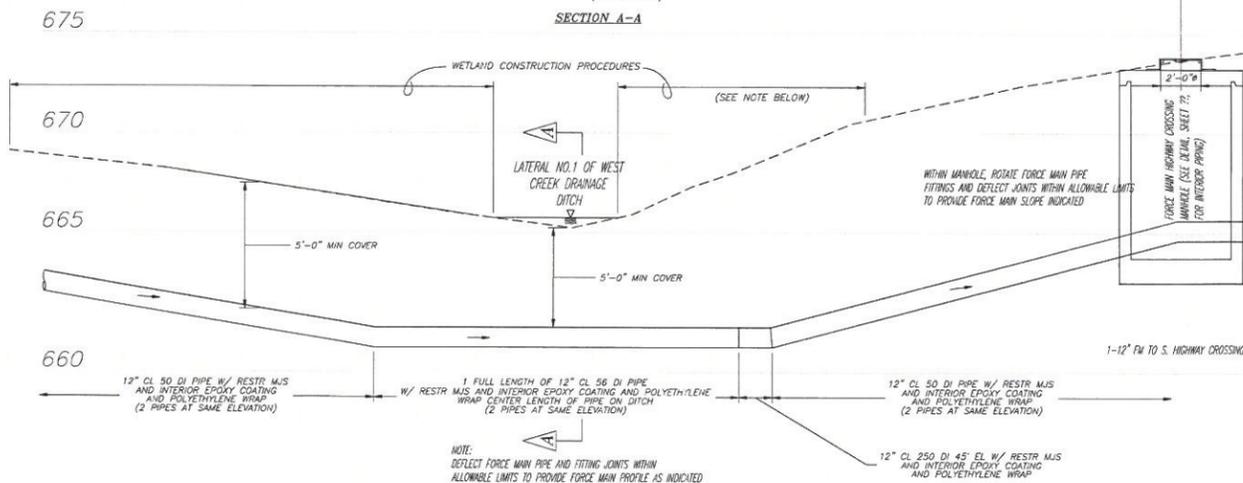
PLAN DETAIL  
SCALE: 1/4" = 1'-0"



SECTION A-A

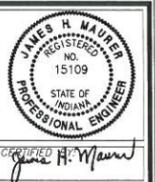
NEW CONNECTION MANHOLE NO. 1 FOR 21" SANITARY SEWER FROM NORTH

- NOTES:
1. PERFORM THIS WORK WHILE BYPASSING PUMPING THE SEWER FLOW FROM THE EXISTING MANHOLE 355 FT. TO THE NORTH OF MANHOLE NO. 1. SAW-CUT AND REMOVE THE INDICATED LENGTH OF EXISTING 21"
  2. AFTER INSTALLING THE NEW MANHOLE INTEGRAL BASE AND BARREL SECTION, INSTALL 21" SDR 35 PVC PIPE INTO THE NEW MANHOLE, USING FERRO-CEMENT TYPE COUPLINGS TO CONNECT THE EXISTING VCP AND NEW PVC PIPES OUTSIDE THE MANHOLE.
  3. INSTALL AND TEMPORARILY PLUG A SHORT LENGTH OF NEW 24" SDR 35 PVC SANITARY SEWER INTO THE NEW MANHOLE AND POUR THE CONCRETE FLOW CHANNEL BOTTOM AND "SHADDED" BENCHES.
  4. THE "CROSS-HATCHED" CONCRETE BENCH SHALL BE FORMED AND POURED AFTER NEW MANHOLE NO. 2 HAS BEEN COMPLETED AND THE NEW 24" SANITARY SEWER TO NEW MANHOLE NO.2 HAS BEEN INSTALLED.



WETLAND CONSTRUCTION PROCEDURES

NOTE: WETLAND CONSTRUCTION PROCEDURES SHALL INVOLVE: (1) EXCAVATION AND STOCKPILING OF WETLAND TOPSOIL, (2) EXCAVATION AND SEPARATE STOCKPILING OF REMAINDER OF TRENCH MATERIAL, (3) BACKFILLING AND COMPACTION OF TRENCH WITH EXCAVATED MATERIAL, (4) PLACEMENT OF STOCKPILED WETLAND TOPSOIL ON TOP OF TRENCH, TO ITS ORIGINAL DEPTH AND SLIGHTLY MOUNDING ABOVE EXISTING GRADE AND (5) PLACEMENT OF EROSION CONTROL BLANKETS ON TOP OF THE NEW WETLAND TOPSOIL.



James H. Maier  
REGISTERED PROFESSIONAL ENGINEER  
NO. 15109  
STATE OF INDIANA  
CONSULTING ENGINEERS  
526 N. 19th St., 4th Fl., Indianapolis, IN 46202-1489  
PH: (317) 635-5489  
FAX: (317) 635-5489  
WEB ADDRESS: www.haasinc.com

LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER  
TOWN OF ST. JOHN, INDIANA - 2015  
NEW FORCE MAIN STRUCTURE PLANS & SECTIONS & DITCH X-ING DETAILS

DATE:	6-15-2015
DRAWN BY:	KJK
CHECKED BY:	JHM
SCALE:	AS NOTED
PAPER SIZE:	24x36
REVISIONS:	
SHEET NO.	21
OF 38	



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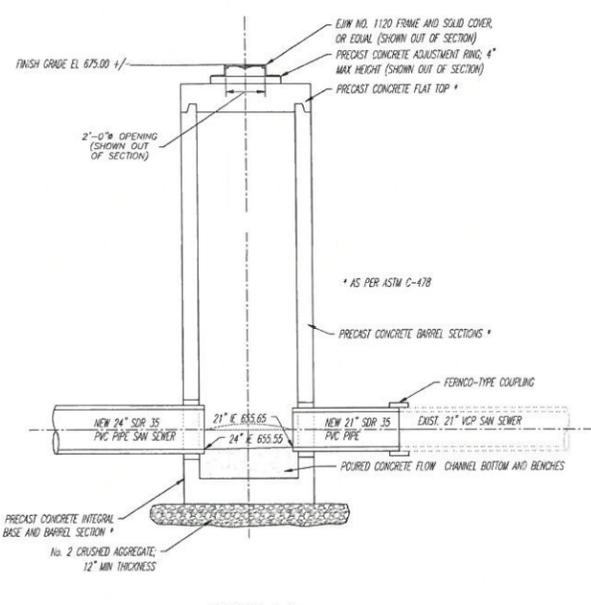
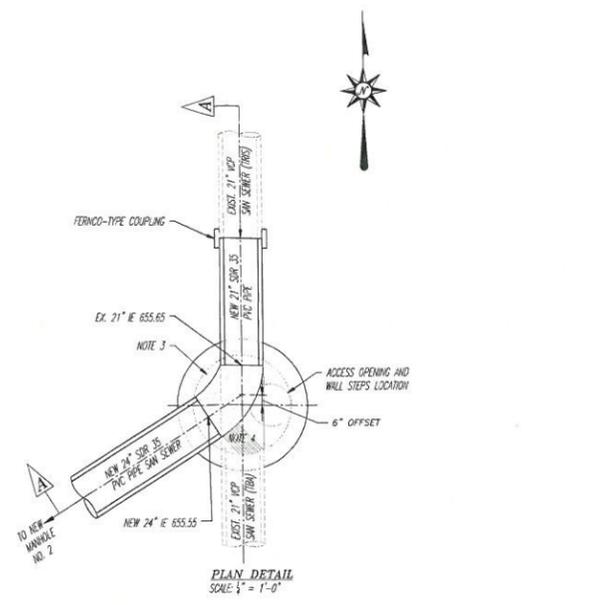


**James H. Mauser**  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 15109  
 STATE OF INDIANA

**H&A Associates, LLC**  
 CONSULTING ENGINEERS  
 1710 N. 29th St., Suite 100  
 Ellettsburg, IA 52621  
 Phone: (319) 272-9400  
 Fax: (319) 272-9409  
 Email: james@handa.com  
 Web: www.handa.com

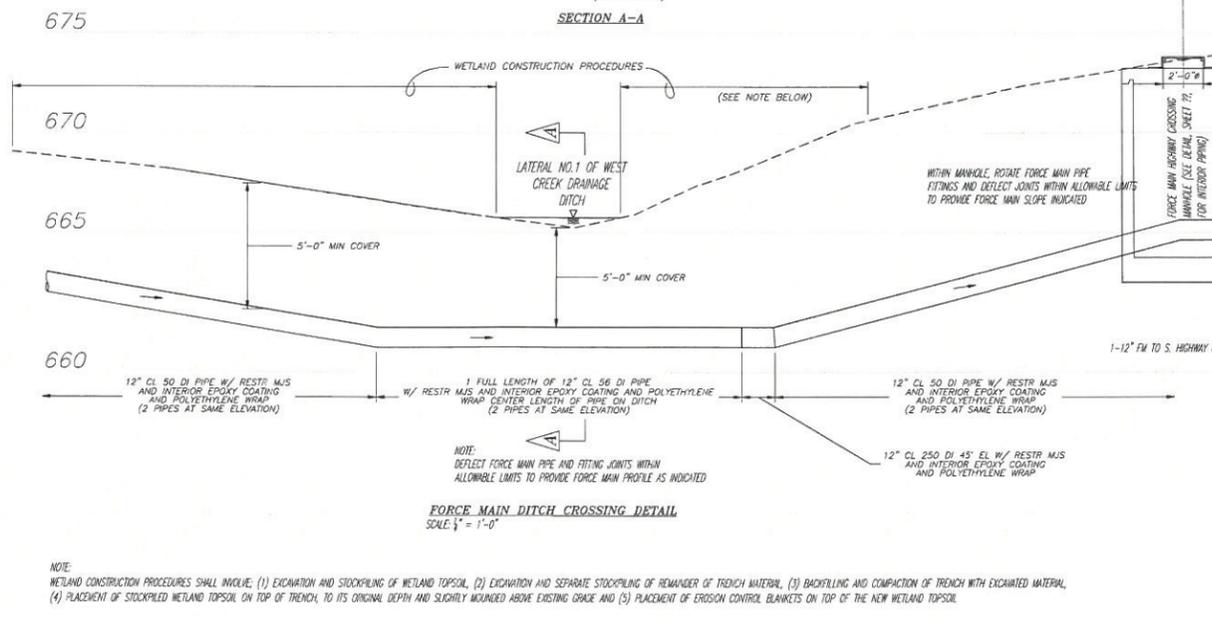
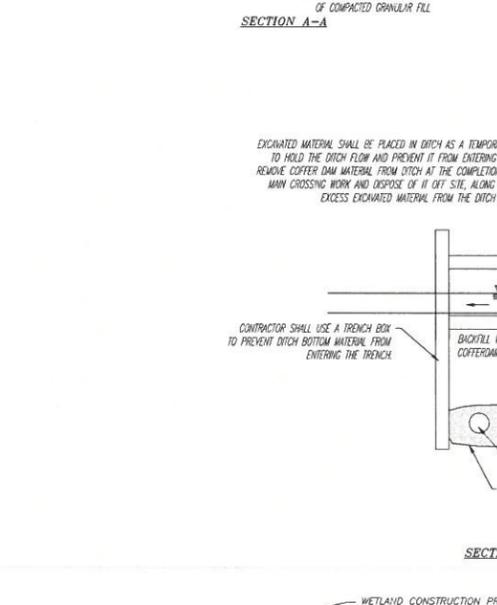
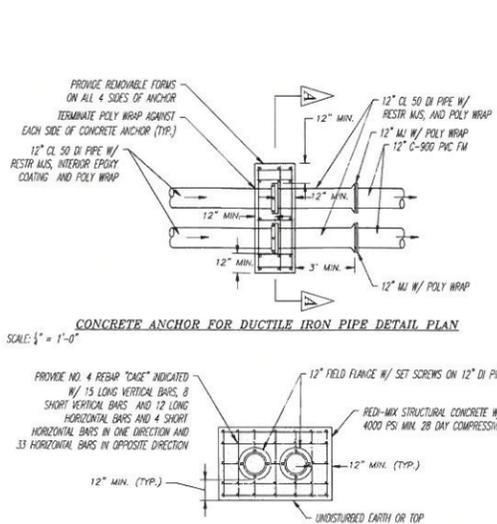
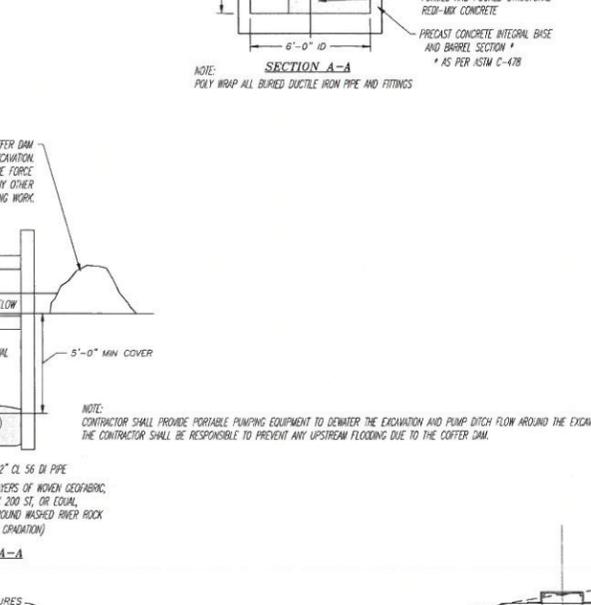
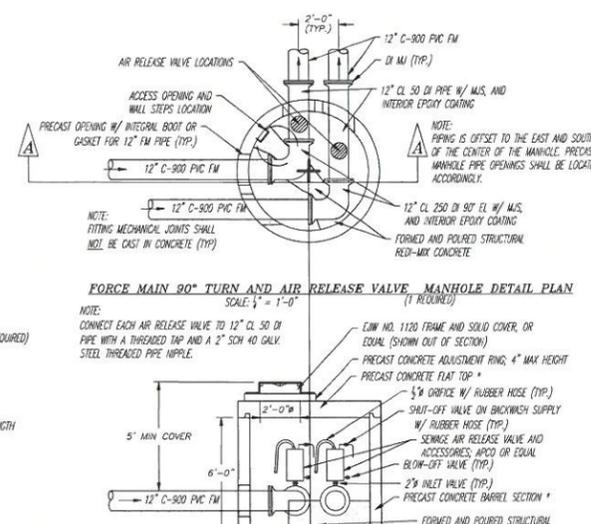
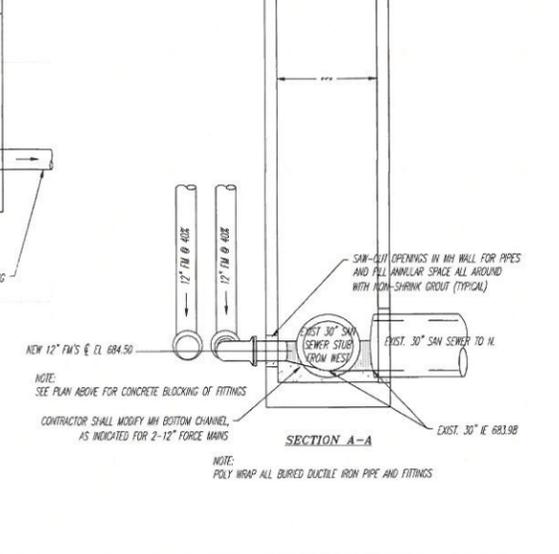
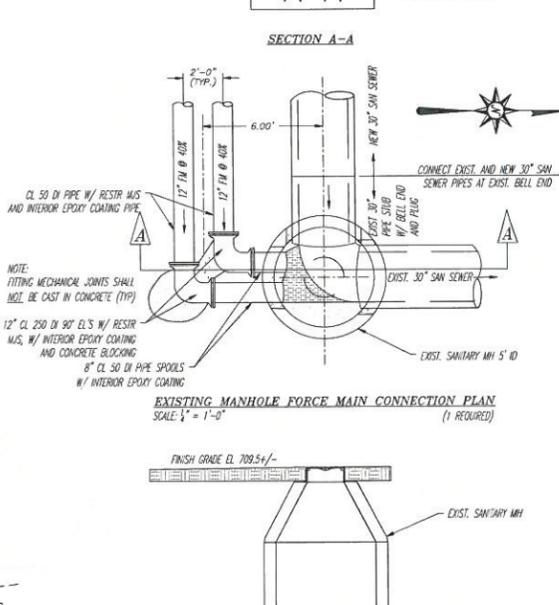
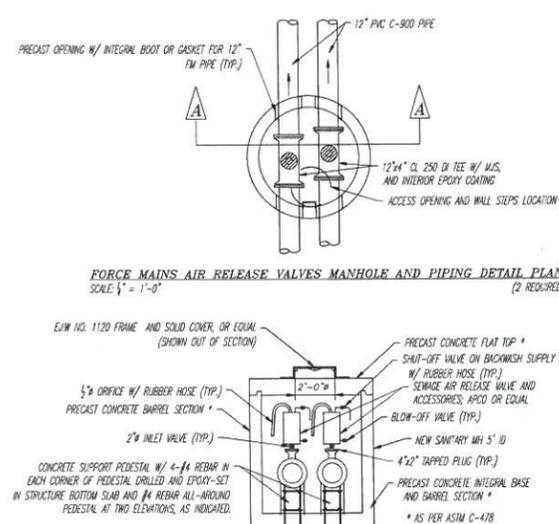
**LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER**  
**TOWN OF ST. JOHN, INDIANA - 2015**  
**NEW FORCE MAIN STRUCTURE PLANS & SECTIONS & DITCH X-ING DETAILS**

DATE:	6-15-2015
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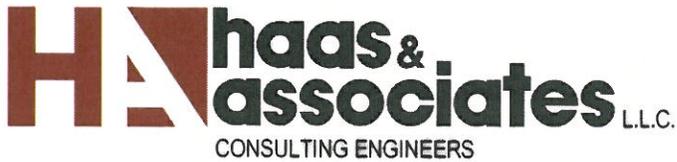
**NOTES:**

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P:\10 Civil\st. john lift station no. 1\ACAD\new is no. 1\4-Production

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6-B  
12-16-15

December 2, 2015

Lake County Surveyor's Office  
c/o Mary Ellen Kupsik, Drainage Board Secretary  
2293 North Main Street  
Crown Point, IN 46307

Re: Lift Station No. 1 – Force Main Crossing Lateral No.1 of West Creek  
Town of St. John

Dear Drainage Board Members:

The Town of St. John, IN is planning to replace their existing Lift Station No. 1 and construct two additional 12" force mains. The new lift station will be constructed immediately north of the existing station that is on the north side of Lateral No. 1 of West Creek on the west side of US 41. The two new force mains will be installed side by side and cross Lateral No. 1 of West Creek immediately south of Lift Station No. 1.

We have enclosed two copies of the application form and two copies of 11" x 17" drawing sheets applicable to the proposed force main crossing.

Please advise if you have any questions or comments.

Sincerely,

HAAS & ASSOCIATES, LLC  
St. John Town Engineer

*James H. Maurer*  
James H. Maurer, P.E.

enclosures

cc: Steve Kil, St. John Town Manager



APPLICATION NO. 288-12-15-I-III

APPLICATION FOR PERMISSION TO PERFORM THE FOLLOWING TASK(S) WITHIN A  
REGULATED DRAIN  
[PLEASE CHECK THE APPROPRIATE BOX]

- I. WORK WITHIN A REGULATED DRAIN
- II. CONNECT/DISCHARGE INTO THE DRAIN/EASEMENT
- III. PLACE TEMPORARY/PERMANENT STRUCTURE IN THE DRAIN/EASEMENT
- IV. REDUCE EASEMENT FROM SEVENTY-FIVE (75) FEET

TO THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY, INDIANA;

(Name) Town of St. John, IN

HEREINAFTER CALLED APPLICANT, HEREBY MAKES APPLICATION TO THE LAKE COUNTY DRAINAGE BOARD TO PERFORM THE ABOVE DESCRIBED ACTIVITY WITHIN A REGULATED DRAIN AND/OR THE EASEMENT FOR A REGULATED DRAIN WHICH IS PART OF THE DRAINAGE SYSTEM FOR LAKE COUNTY, INDIANA.

THE LOCATION IS AS FOLLOWS:

NAME OF WATERWAY: Lateral No. 1 of West Creek

SECTION(s): 5 TOWNSHIP: T34N RANGE: R9W

ADDRESS OR DESCRIPTION OF LOCATION West side of U.S. 41 RW at lateral No. 1 of West Creek; on the south side of St. John Lift Station No. 1

THE REQUEST IS TO CONSIST OF THE FOLLOWING ACTIVITIES:

To install two 12" diameter force mains from Lift Station No. 1 across Lateral No. 1 of West Creek in the U.S. 41 right-of-way on the west side of the highway

THE PURPOSE OF THE REQUEST IS TO:

Allow the permanent placement of two 12" diameter force mains under Lateral No. 1 of West Creek

1. THE APPLICANT HEREBY AGREES TO RESTORE THE LAND, DRAINAGE DITCHES AND ALL OTHER SURFACES AND/OR STRUCTURES WITHIN THE DITCH AND REGULATED DRAIN EASEMENT TO A CONDITION AS GOOD OR BETTER THAN THEY WERE PRIOR TO THE COMMENCEMENT OF THE WORK.

2. THE APPLICANT SHALL AND WILL INDEMNIFY AND HOLD HARMLESS ANY AND ALL COUNTY ENTITIES, INCLUDING BUT NOT LIMITED TO THE COUNTY OF LAKE, BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND/OR AGENTS FROM AND AGAINST ANY AND ALL DAMAGES, INJURIES, LOSSES, DEMANDS, OR COSTS PROXIMATELY CAUSED BY THE FAULT, CULPABILITY OR NEGLIGENCE OF THE APPLICANT IN THE PERFORMANCE OF OR IN ANY WAY RELATED TO OR RESULTING FROM THE PERMITTED WORK OVER AND ACROSS THE DRAINS OR DRAINAGE RIGHTS-OF-WAY UNDER THE JURISDICTION OF THE LAKE COUNTY DRAINAGE BOARD.

3. **IMPORTANT CLAUSE IN THIS PERMIT APPLICATION:** THE APPLICANT FURTHER AGREES TO NOTIFY THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR IN WRITING AT LEAST FIVE (5) DAYS IN ADVANCE OF THE COMMENCEMENT OF THE WORK DESCRIBED IN THIS APPLICATION, AND WILL ALSO GIVE NOTICE TO THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR THE DAY PRECEDING THE COMPLETION OF THE WORK. FAILURE TO PROVIDE SUCH NOTICE MAY CAUSE REVOCATION OF THE PERMIT(S) AND APPLICANT MAY INCUR PENALTIES. PLEASE SEND NOTICES TO: LAKE COUNTY DRAINAGE BOARD, ATTN: LAKE COUNTY DRAINAGE BOARD SECRETARY, 2293 N. MAIN STREET, CROWN POINT, IN 46307

4(a). THE APPLICANT AGREES TO AVOID CAUSING DAMAGE TO THE ESTABLISHED REGULATED DRAIN OR TO LANDOWNERS AFFECTED BY THE DRAIN, PURSUANT TO I.C.36-9-27-72(D).

4(b). FOR APPLICATIONS REGARDING THE PLACEMENT OF TEMPORARY STRUCTURES IN THE DRAIN'S EASEMENT (BOX III, PAGE 1), SUCH AS FENCES, TREES, GARDENS, SHEDS, ETC., THE APPLICANT UNDERSTANDS THAT, IF THE DRAINAGE BOARD GRANTS PERMISSION TO PLACE SAID TEMPORARY STRUCTURES WITHIN THE DRAINAGE EASEMENT, SAID PLACEMENT IS AT THE OWNER'S RISK. SHOULD THE COUNTY SURVEYOR/DRAINAGE BOARD, THEIR AGENTS, REPRESENTATIVES, CONTRACTORS OR OTHERS AT THE DIRECTION OF SAID COUNTY SURVEYOR/DRAINAGE BOARD, NEED ACCESS TO THE DRAIN OR EASEMENT AND THE STRUCTURE REQUIRES REMOVAL, THE OWNER SHALL REMOVE SAME AT THE OWNER'S EXPENSE. SHOULD THE OWNER FAIL TO REMOVE SAME IN A TIMELY FASHION, THEN THE COUNTY SURVEYOR/DRAINAGE BOARD SHALL CAUSE SAME TO BE REMOVED AND THE OWNER SHALL HAVE NO RECOURSE. AFTER COMPLETION OF THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S ACTIVITY, THE OWNER SHALL HAVE THE RIGHT TO REINSTALL THE TEMPORARY STRUCTURE IN COMPLIANCE WITH THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S REQUIREMENTS. THE COUNTY SURVEYOR/DRAINAGE BOARD MAY REQUIRE PAYMENT FROM THE OWNER FOR THE COST OF THE REMOVAL OR REPLACEMENT FOR ANY OF SAID ITEMS, PURSUANT TO STATUTE.

5. THE APPLICANT SHALL HAVE WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY STATE LAW.

6. THE APPLICANT SHALL PAY THE LAKE COUNTY SURVEYOR'S OFFICE AN APPLICATION FEE(S) PRIOR TO THE APPLICATION BEING CONSIDERED AT THE NEXT MONTHLY LAKE COUNTY DRAINAGE BOARD MEETING.

7. THE APPLICANT SHALL CARRY PUBLIC LIABILITY INSURANCE MEETING THE MAXIMUM DOLLAR LIMITS AS SPECIFIED IN I.C. 34-13-3-1 ET SEQ. OR ANY SUBSEQUENTLY ENACTED APPLICABLE STATUTES, AND SHALL LIST THE COUNTY OF LAKE, THE BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND AGENTS AS OTHER INSURED.

8. THIS PERMIT DOES NOT OBTAIN THE NEED TO OBTAIN ANY OTHER FEDERAL, STATE AND/OR LOCAL AUTHORIZATION, IF REQUIRED.

9 BY SUBMITTING THIS APPLICATION, THE APPLICANT HEREBY STATES THE FOLLOWING:

- A. THE PROPOSED WORK MEETS ALL HYDRAULIC REQUIREMENTS THAT WILL PERMIT THE DRAIN TO FUNCTION PROPERLY. (I.C. 36-9-37-72 (C)).
- B. THE REGULATED DRAIN IS ADEQUATE TO HANDLE THE ADDITIONAL FLOW OF WATER, IF ANY
- C. NO HARMFUL POLLUTION IS LIKELY TO RESULT. (I.C. 36-9-27-17(C)).

10. ENGINEERING PLANS, WHICH SUBSTANTIATE THE ABOVE STATEMENTS, MUST ACCOMPANY THIS APPLICATION. THESE PLANS MUST INCLUDE SUFFICIENT DETAIL TO ALLOW VERIFICATION OF THE ABOVE STATEMENTS. (THESE PLANS SHOULD GENERALLY INCLUDE DIMENSIONS, ELEVATIONS, CALCULATIONS, DESCRIPTIONS OR THE QUANTITIES AND TYPES OF MATERIAL TO BE USED, DISCHARGE CALCULATIONS AND OTHER RELEVANT INFORMATION.)

11. UPON COMPLETION OF THE WORK, "AS BUILT PLANS", SIGNED AND SEALED BY AN INDIANA REGISTERED PROFESSIONAL ENGINEER, SHALL BE FORWARDED TO THE LAKE COUNTY DRAINAGE BOARD WITHIN 30 DAYS.

12. THE DRAINAGE BOARD RESERVES THE RIGHT TO WAIVE ANY OF THE REQUIREMENTS STATED HEREON.

SUBMITTED: Stephen Z. Kil, Town Manager DATE: 12/2/15  
(PRINT OR TYPE NAME)

  
(SIGNATURE)

SUBMITTED FOR: Town of St. John

ADDRESS 10955 W. 93rd Avenue  
St. John, IN 4637

PHONE#: (219) 365-6465 ext. 1

(THIS SECTION FOR DRAINAGE BOARD USE ONLY)

LAKE COUNTY DRAINAGE BOARD

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: \_\_\_\_\_ APPROVED: \_\_\_\_\_ DENIED: \_\_\_\_\_

SHOULD ANY APPLICATIONS BE SUBMITTED BY AN AGENT, CONSULTANT, ENGINEER, REPRESENTATIVE OR OTHERS PURPORTING TO ACT AS THE OWNER, THEN A POWER OF ATTORNEY SHALL BE DULY EXECUTED AND ATTACHED TO THESE APPLICATIONS. [SEE ATTACHMENT I]

**APPROVAL SHALL BE VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF APPROVAL. SHOULD THE WORK AND ALL RELATED ACTIVITIES NOT BE COMPLETED BY THAT TIME, PETITIONER IS REQUIRED TO REAPPLY. SHOULD THE SCOPE OF WORK, PLANS AND SPECIFICATIONS, OR ACTIVITIES LISTED HEREIN BE MODIFIED, PETITIONER MUST NOTIFY THE LAKE COUNTY SURVEYOR AND THE DRAINAGE BOARD OF THESE MODIFICATIONS FOR REVIEW AND/OR APPROVAL/DENIAL BY THE COUNTY SURVEYOR/DRAINAGE BOARD.**

LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS AND SANITARY SEWER  
 TOWN OF ST JOHN - 2015  
 ST JOHN, INDIANA



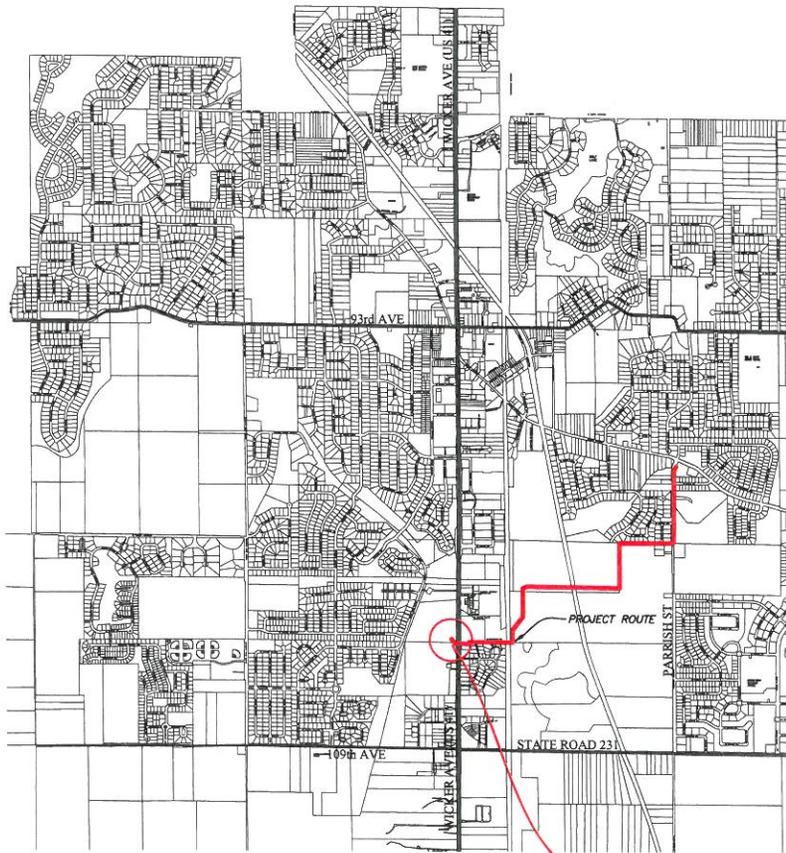
ST. JOHN TOWN COUNCIL

MIKE FORBES	PRESIDENT
LARRY BUSTAMANTE	VICE PRESIDENT
MARK BARENIE	MEMBER
KEN GEMBALA	MEMBER
GREG VOLK	MEMBER

ST. JOHN UTILITY BOARD

GREG VOLK	PRESIDENT
MARK BARENIE	VICE PRESIDENT
LARRY BUSTAMANTE	MEMBER
MIKE FORBES	MEMBER
KEN GEMBALA	MEMBER

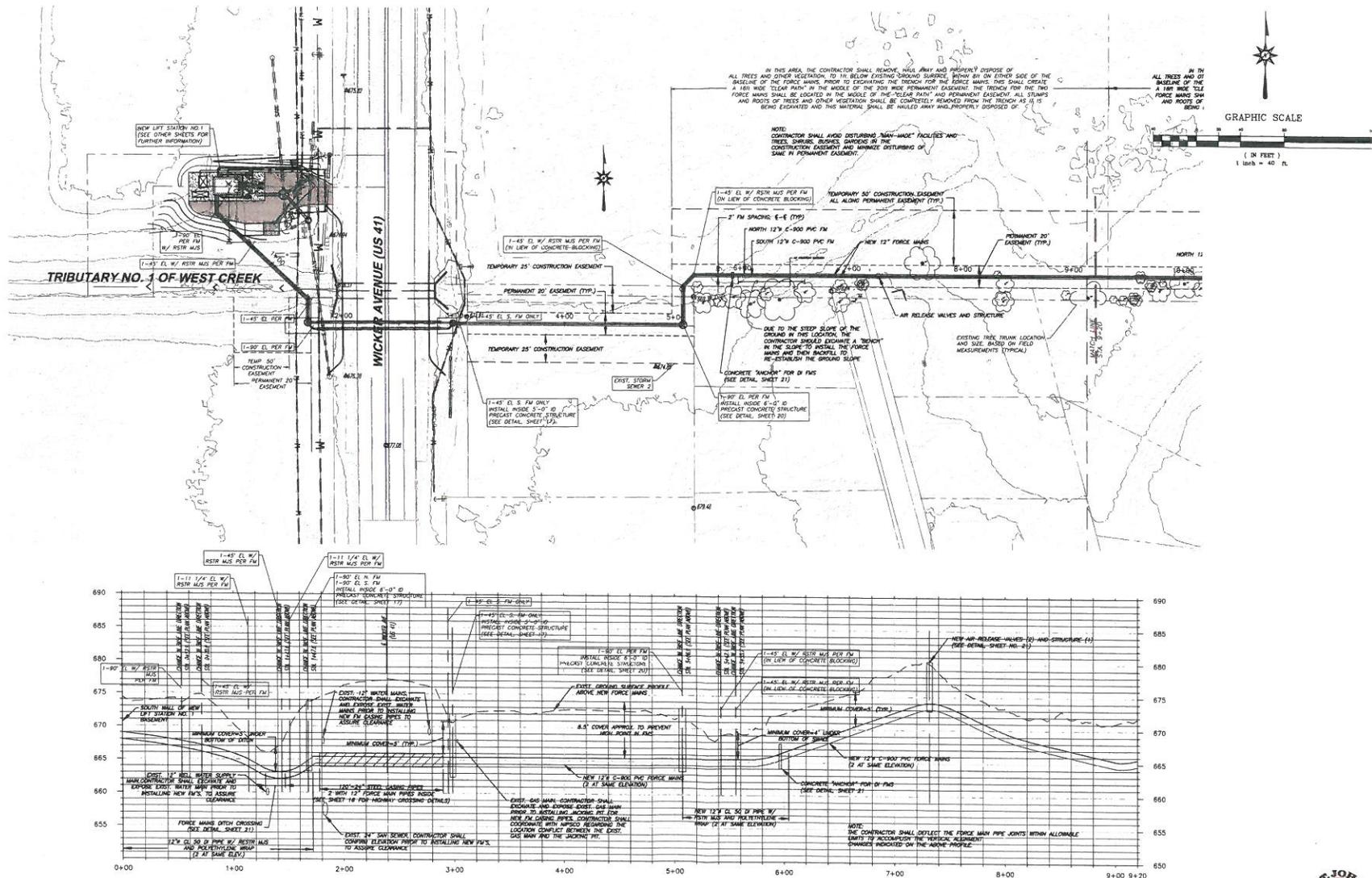
STEVE KIL	TOWN MANAGER
SHERRY SURY	CLERK TREASURER
DAVID AUSTGEN	TOWN ATTORNEY
DERWIN NEITZEL	UTILITY FORMAN



VICINITY MAP  
 NOT TO SCALE

LOCATION OF CROSSING LATERAL  
 NO. 1 OF WEST CREEK



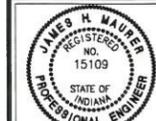


**LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER  
TOWN OF ST. JOHN, INDIANA - 2015  
NEW FORCE MAINS PLAN AND PROFILE**

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CHECKED BY:	JMH
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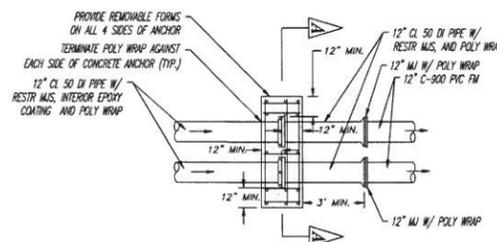


DESIGNED BY: *J. Wauer*

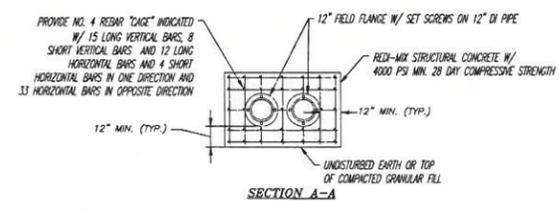


**LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER**  
**TOWN OF ST. JOHN, INDIANA - 2015**  
**NEW FORCE MAIN STRUCTURE PLANS & SECTIONS & DITCH X-ING DETAILS**

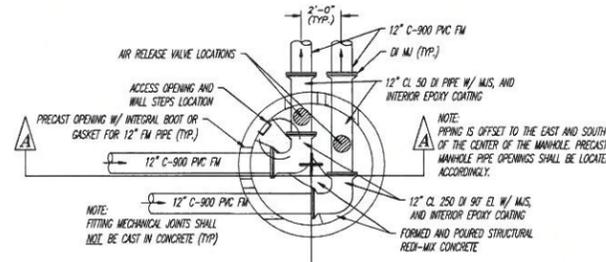
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SHEET NO.:	21
OF 38	



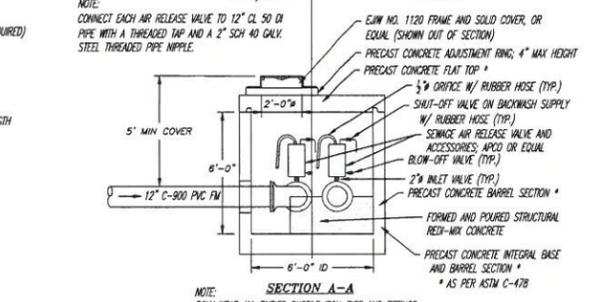
**CONCRETE ANCHOR FOR DUCTILE IRON PIPE DETAIL PLAN**  
SCALE: 1/2" = 1'-0"



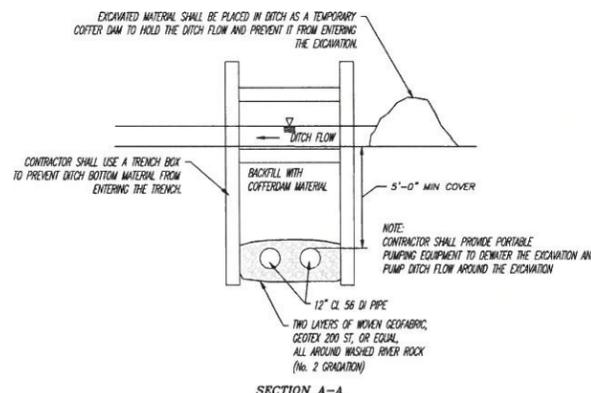
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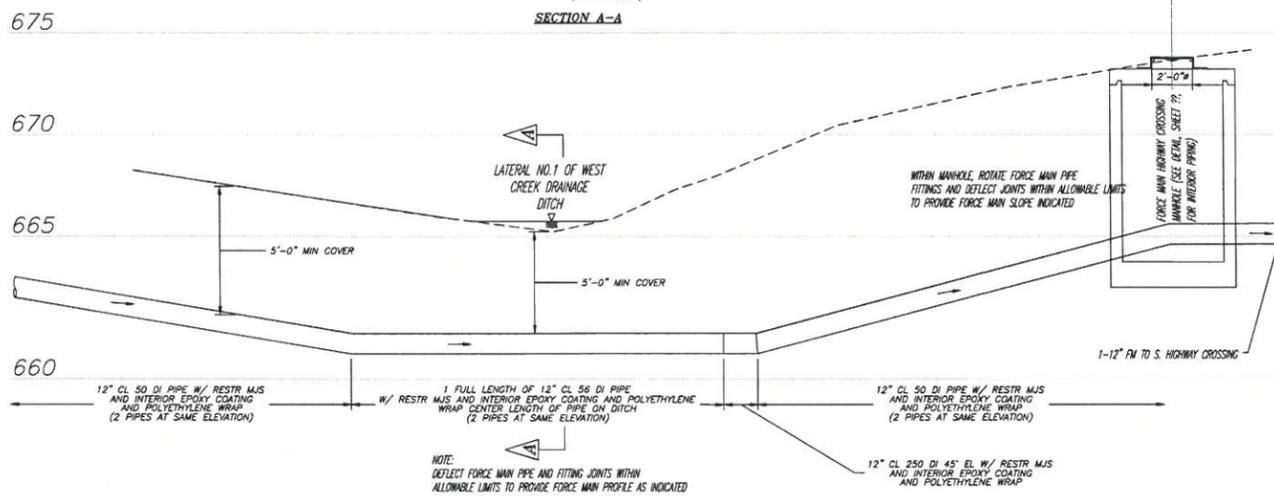
**FORCE MAIN 90° TURN AND AIR RELEASE VALVE MANHOLE DETAIL PLAN**  
SCALE: 1/2" = 1'-0"



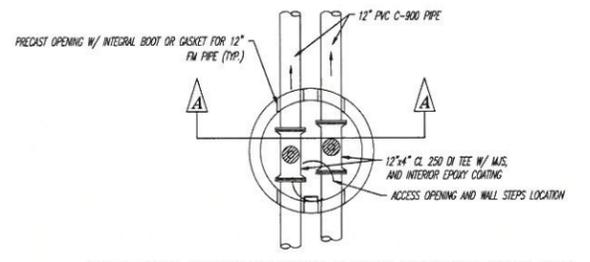
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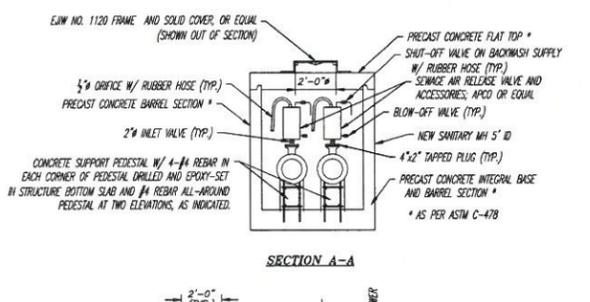
**FORCE MAIN DITCH CROSSING DETAIL**  
SCALE: 1/2" = 1'-0"



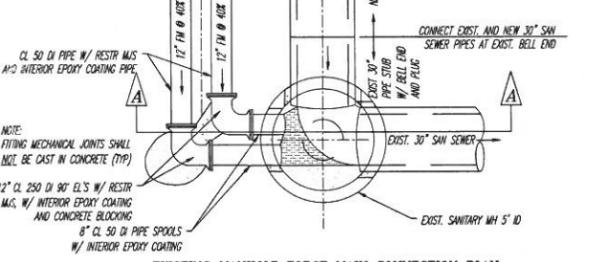
**LATERAL NO. 1 OF WEST CREEK DRAINAGE DITCH**



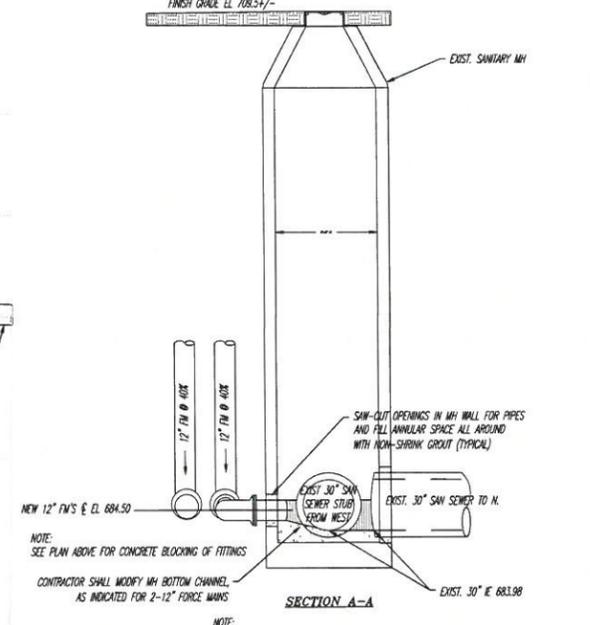
**FORCE MAINS AIR RELEASE VALVES MANHOLE AND PIPING DETAIL PLAN**  
SCALE: 1/2" = 1'-0"



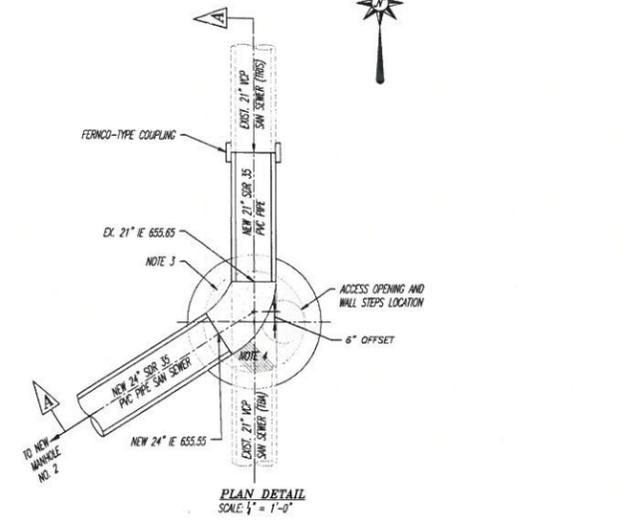
**SECTION A-A**



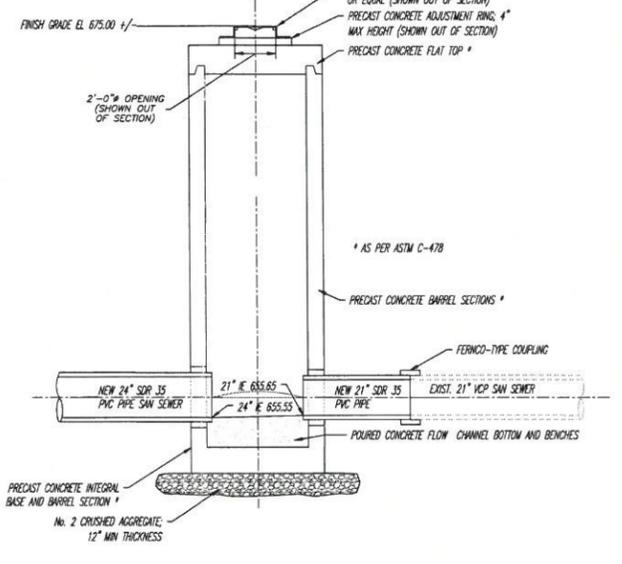
**EXISTING MANHOLE FORCE MAIN CONNECTION PLAN**  
SCALE: 1/2" = 1'-0"



**SECTION A-A**



**NEW CONNECTION MANHOLE NO. 1 FOR 21" SANITARY SEWER FROM NORTH**  
SCALE: 1/2" = 1'-0"



**SECTION A-A**

- NOTES:
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  - THE "CROSS-HATCHED" CONCRETE BENCH SHALL BE FORMED AND POURED AFTER NEW MANHOLE NO. 2 HAS BEEN COMPLETED AND THE NEW 24" SANITARY SEWER TO NEW MANHOLE NO. 2 HAS BEEN INSTALLED.



**SECTION A-A**



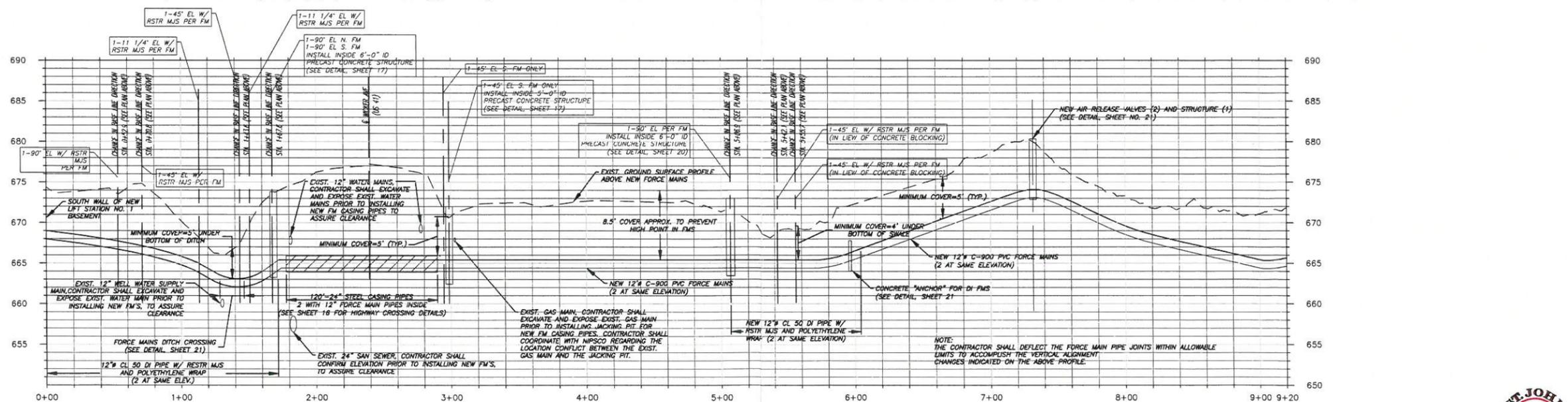
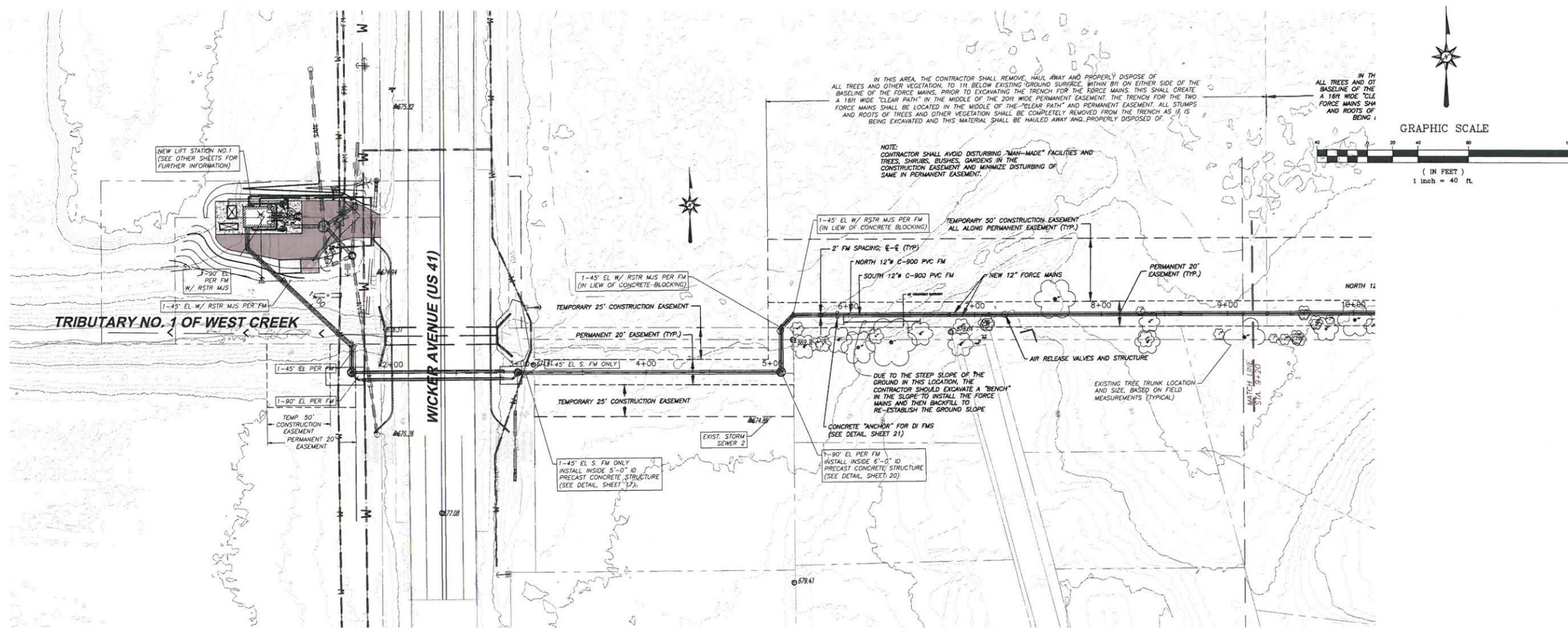
CERTIFIED BY: *James H. Mauzer*

**haas & associates, LLC**  
CONSULTING ENGINEERS  
526 Franklin St., Michigan City, IN 46360  
PH: 219-875-4689  
FAX: 219-875-4699  
EMAIL ADDRESS: maub@haasllc.com  
WEB ADDRESS: www.haasllc.com

**LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER**  
**TOWN OF ST. JOHN, INDIANA - 2015**  
**NEW FORCE MAINS PLAN AND PROFILE**

DATE: 6-15-2015  
DRAWN BY: KJK  
CHECKED BY: JHM  
SCALE: H 1"=40', V 1"=6'  
PAPER SIZE: 24x36

REVISIONS: SHEET NO. 7 OF 38



P:\0 Civil\St. John\Lift Station No. 1\CAD\New LS No. 1\4-Production\Plan & Profile.dwg, P:\0 Civil\St. John\Lift Station No. 1\CAD\New LS No. 1\4-Production\Plan & Profile.dwg, P:\0 Civil\St. John\Lift Station No. 1\CAD\New LS No. 1\4-Production\Plan & Profile.dwg, P:\0 Civil\St. John\Lift Station No. 1\CAD\New LS No. 1\4-Production\Plan & Profile.dwg





6-A  
1-20-16

---

**M E M O R A N D U M**

---

**DATE:** December 30, 2015  
**TO:** Bill Emerson, Jr., Lake County Surveyor  
**FROM:** Brian Payne, Staff Engineer  
**RE:** Force Main Crossing West Creek Lateral No. 1  
**CC:** Brian Ralstin, Jeremy Schmitt

---

American Structurepoint, Inc. has reviewed the response to comments submitted by Haas & Associates for proposed construction of a force main beneath lateral No. 1 of West Creek. The proposed project is described as follows:

- Owner/Developer:** Town of St. John
- Project Name:** Lift Station No. 1 – Force Main Crossing Lateral No. 1 of West Creek
- Project Location:** West side of U.S. 41 Right of Way, at Lateral No. 1 of West Creek; on the south side of St. John Lift Station No. 1.
- Description:** The Applicant is requesting allowance for permanent placement of two 12" diameter forces mains under Lateral No. 1 of West Creek.
- Submittal Information Received:**
- Response Letter from Haas & Associates dated and received at the Lake County Surveyor's Office December 17, 2015.
  - Updated Detail drawing of crossing
-

**Review Comments:**

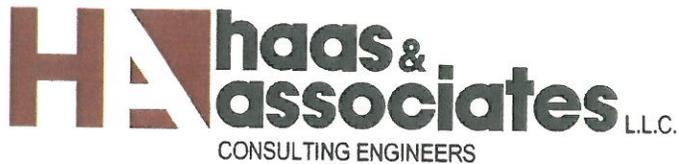
American Structurepoint, Inc. has completed an initial review of the submittal to verify compliance with the requirements of the Lake County Ordinance No. 1365C. This comment letter is a review for general conformance with standards. The Project Engineer is still responsible for his own design and neither the County nor the County's Engineer is responsible for the completeness of the design. We submit the following comments:

1. The Applicant's updated detail satisfactorily notes the contractor's responsibility for ditch restoration.
2. The Applicant's updated detail satisfactorily notes the contractor's responsibility for preventing flooding due to construction.
3. It is the applicant's responsibility to prevent erosion in the regulated drain channel during and after construction until such time as the channel is stable and shows no evidence of continuing erosion. This may require erosion control measures within the limits of the drain's ordinary high water mark which may be as much or greater than measures applied to the vegetated bank.
4. We understand the proposed force main alignment is not perpendicular to the stream flow due to utility conflicts. Therefore, it is the applicant's responsibility to obtain approval of an Alternative Technical Standard from IDEM for their Sanitary Sewer Construction Permit because the crossing will not conform to 327 IAC 3-6-10(d)(1).

**Recommendation:**

American Structurepoint recommends that the Lake County Surveyor approve this application for the Lift Station No. 1 – Force Main Crossing Lateral No. 1 of West Creek. The Applicant shall include the necessary erosion controls in their final plans and obtain the necessary IDEM approval commented on above. Resubmittal of plans is not required.

Reviewed by: Brian Payne  
Date: 12-30-15



6-A  
1-20-16

VIA E-MAIL AND 1<sup>ST</sup> CLASS MAIL

Lake County Surveyor's Office  
c/o Mary Ellen Kupsik, Drainage Board Secretary  
2293 North Main Street  
Crown Point, IN 46307

December 17, 2015

Attn: Bill Emerson, Jr.

Re: Lift Station No. 1 – Force Main Crossing Lateral No. 1 of West Creek  
Town of St. John

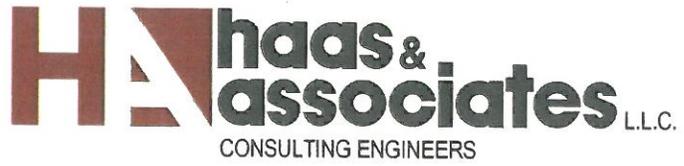
Dear Mr. Emerson:

In response to the American Structurepoint, Inc. review comments dated December 15, 2015, we offer the following responses:

1. Last week the force main ditch crossing banks were delineated as wetlands. As a result, we have added wetland construction procedures to the attached force main ditch crossing detail on sheet 21 of the drawings. These procedures include placement of an erosion control blanket on the top of the backfilled trench, to prevent erosion of the native wetland topsoil which is returned to the top of the trench. We also added a note that the temporary coffer dam in the ditch and any other excess excavated material is to be removed and disposed of off-site.
2. We have expanded the note in the force main ditch crossing detail, regarding the Contractors use of a portable pump to pump water out of and around the ditch crossing excavation, to make the Contractor responsible to prevent any upstream flooding due to the coffer dam.
3. As mentioned in item no. 1, an erosion control blanket will be placed over the native wetland topsoil for stabilization, until wetland vegetation can regrow from the native soil.
4. We hereby request that the diagonal force main crossing of the ditch be allowed as this alignment will keep the two new force main pipes sufficiently clear of existing underground utilities. The diagonal crossing of the ditch will be approximately 40% longer than a perpendicular crossing but this is not significant as the ditch channel is only 10 ft. wide.

We hope these responses are found to be satisfactory. If you need further clarification or revision to these statements, please let us know.

We have enclosed two copies of the revised 11" x 17" drawing sheet no. 21 applicable to the proposed force main ditch crossing detail.



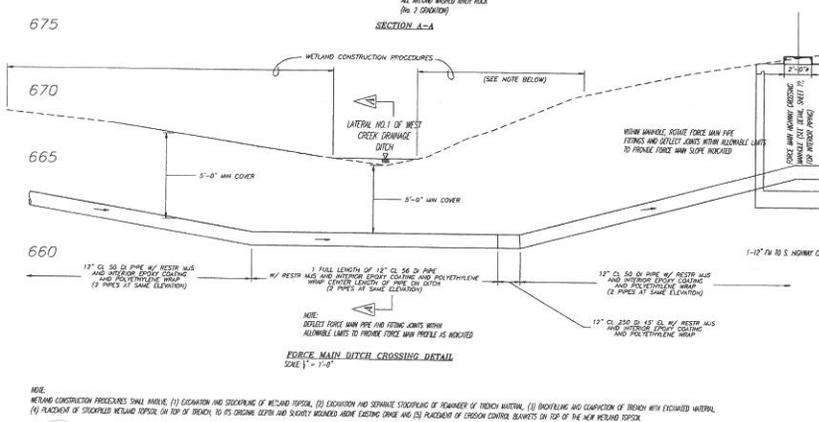
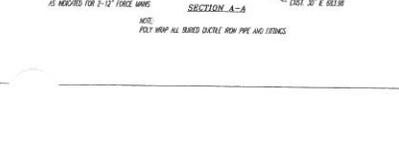
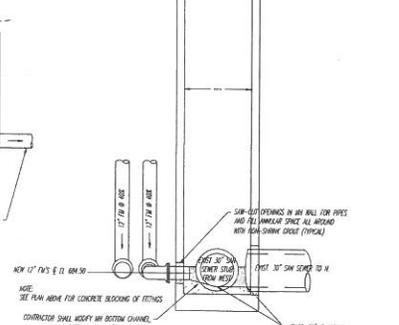
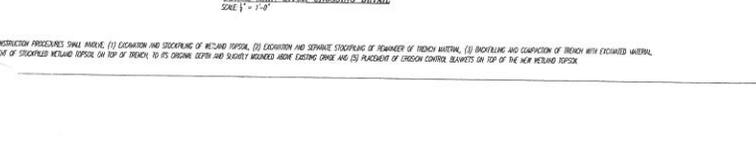
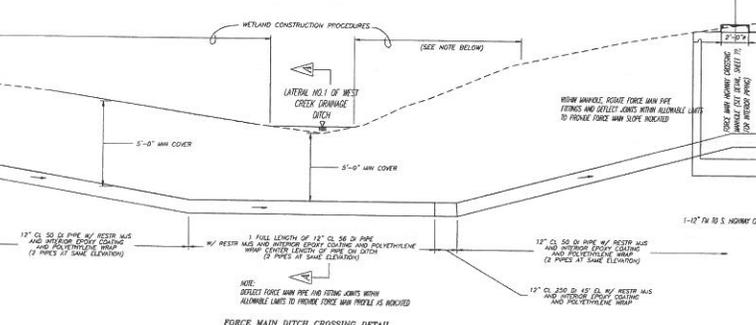
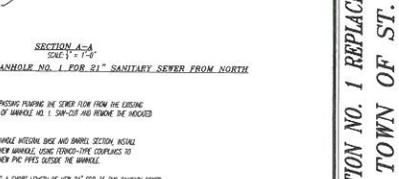
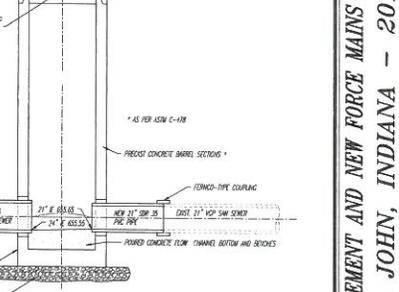
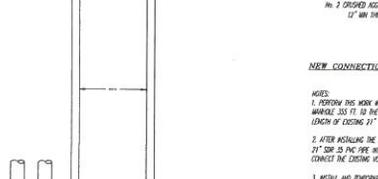
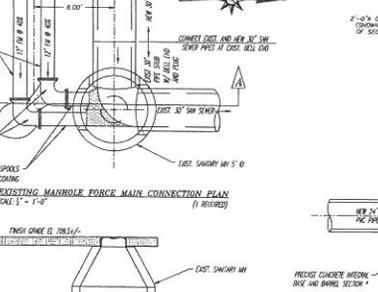
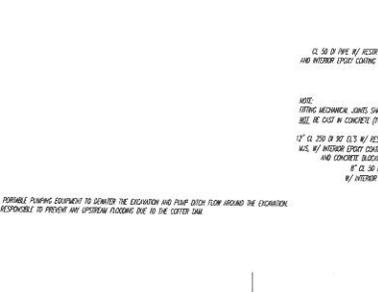
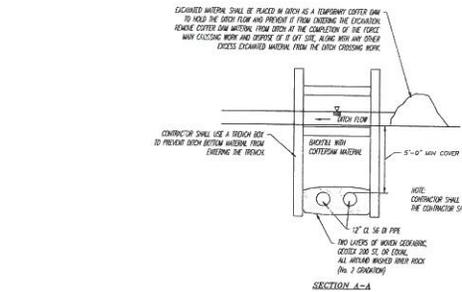
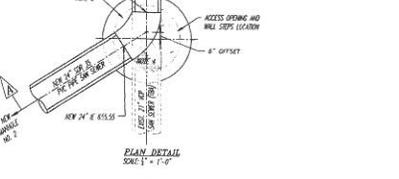
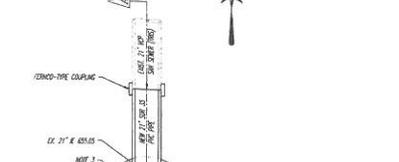
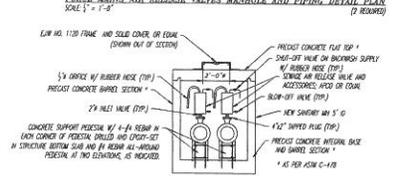
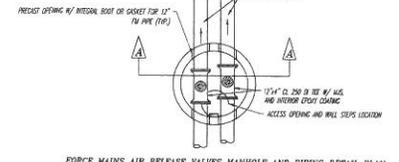
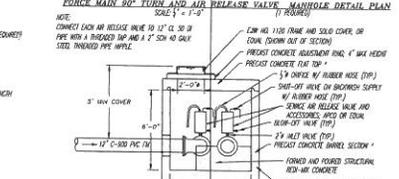
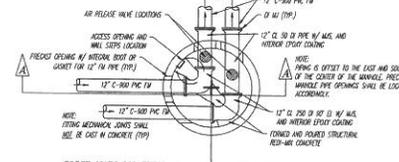
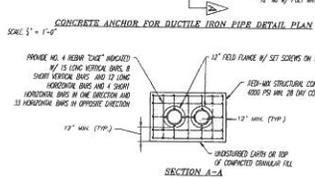
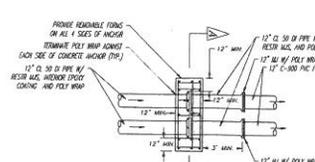
Thank you for your consideration in this matter.

HAAS & ASSOCIATES, LLC

James H. Maurer, P.E.

enclosures

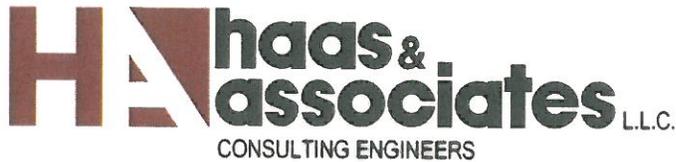
c: Steve Kil, St. John Town Manager  
Brian Payne, American Structurepoint, Inc.  
Brian Ralston, American Structurepoint, Inc.



**LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER TOWN OF ST. JOHN, INDIANA - 2015**  
**NEW FORCE MAIN STRUCTURE PLANS & SECTIONS & DITCH X-ING DETAILS**

DATE:	6-15-2015
DRAWN BY:	K.M.
CHECKED BY:	J.M.
SCALE:	AS NOTED
PAPER SIZE:	24x36
STREET NO.:	21
OF 30	





6-B  
12-16-15

December 2, 2015

Lake County Surveyor's Office  
c/o Mary Ellen Kupsik, Drainage Board Secretary  
2293 North Main Street  
Crown Point, IN 46307

Re: Lift Station No. 1 – Force Main Crossing Lateral No.1 of West Creek  
Town of St. John

Dear Drainage Board Members:

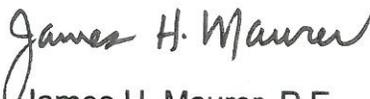
The Town of St. John, IN is planning to replace their existing Lift Station No. 1 and construct two additional 12" force mains. The new lift station will be constructed immediately north of the existing station that is on the north side of Lateral No. 1 of West Creek on the west side of US 41. The two new force mains will be installed side by side and cross Lateral No. 1 of West Creek immediately south of Lift Station No. 1.

We have enclosed two copies of the application form and two copies of 11" x 17" drawing sheets applicable to the proposed force main crossing.

Please advise if you have any questions or comments.

Sincerely,

HAAS & ASSOCIATES, LLC  
St. John Town Engineer

  
James H. Maurer, P.E.

enclosures

cc: Steve Kil, St. John Town Manager





# Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307  
Phone: (219) 755-3745 • Fax: (219) 755-3750

Bill Emerson, Jr.  
County Surveyor



6-A

## NOTICE OF ACTION Application No. 288-12-15-I-III

January 20, 2016

Stephen Z. Kil, Town Manager  
Town of St John  
10955 W. 93<sup>rd</sup> Avenue  
St. John, IN 46373

DEAR PETITIONER:

THIS NOTICE IS TO INFORM YOU THAT YOUR PETITION OR REQUEST FOR

**West Creek Lateral No. 1**

**Applicant: Town of St. John – Agent: Haas & Associates**

Application to Perform Work Within and Temporary/Permanent Structure in a Regulated Drain/Easement for the purpose of installing two (2) 12" diameter force mains.

WAS CONSIDERED BY THE DRAINAGE BOARD AT A MEETING ON THE 20<sup>th</sup> DAY OF JANUARY, 2016 WITH THE FOLLOWING ACTION:

- APPROVED PETITION OR REQUEST.
- APPROVED PETITION OR REQUEST SUBJECT TO CONDITIONS LISTED ON ATTACHMENT #1.
- CONTINUED PETITION OR REQUEST TO **FEBRUARY 17, 2016** MEETING.
- DENIED PETITION OR REQUEST.
- REMOVED FROM THE AGENDA. IF YOU WOULD LIKE TO REAPPLY TO THE DRAINAGE BOARD A NEW APPLICATION WILL NEED TO BE SUBMITTED, 14 DAYS PRIOR TO THAT MONTH'S MEETING.
- PETITION NOT RELEASED DUE TO NON-PAYMENT OF APPLICATION FEE(S).

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CONTACT BILL EMERSON, JR. OR DAN GOSSMAN AT (219) 755-3745.

  
MARY ELLEN KUPSIK  
Lake County Drainage Board Secretary

CC: James H. Maurer, P.E. Haas & Associates, LLC



# Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307  
Phone: (219) 755-3745 • Fax: (219) 755-3750



*Bill Emerson, Jr.*  
County Surveyor

## **ATTACHMENT #1**

Application No. 288-12-15-I-III

THE ABOVE-REFERENCED DRAINAGE BOARD APPLICATION WAS APPROVED WITH  
THE FOLLOWING CONDITION:

**IDEM APPROVAL IS REQUIRED**

APPLICATION NO. 288-12-15-I-III

APPLICATION FOR PERMISSION TO PERFORM THE FOLLOWING TASK(S) WITHIN A  
REGULATED DRAIN  
[PLEASE CHECK THE APPROPRIATE BOX]

- I. WORK WITHIN A REGULATED DRAIN
- II. CONNECT/DISCHARGE INTO THE DRAIN/EASEMENT
- III. PLACE TEMPORARY/PERMANENT STRUCTURE IN THE DRAIN/EASEMENT
- IV. REDUCE EASEMENT FROM SEVENTY-FIVE (75) FEET

TO THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY, INDIANA;

(Name) Town of St. John, IN

HEREINAFTER CALLED APPLICANT, HEREBY MAKES APPLICATION TO THE LAKE COUNTY DRAINAGE BOARD TO PERFORM THE ABOVE DESCRIBED ACTIVITY WITHIN A REGULATED DRAIN AND/OR THE EASEMENT FOR A REGULATED DRAIN WHICH IS PART OF THE DRAINAGE SYSTEM FOR LAKE COUNTY, INDIANA.

THE LOCATION IS AS FOLLOWS:

NAME OF WATERWAY: Lateral No. 1 of West Creek

SECTION(s): 5 TOWNSHIP: T34N RANGE: R9W

ADDRESS OR DESCRIPTION OF LOCATION West side of U.S. 41 R/W at lateral No. 1 of West Creek; on the south side of St. John Lift Station No. 1

THE REQUEST IS TO CONSIST OF THE FOLLOWING ACTIVITIES:

To install two 12" diameter force mains from Lift Station No. 1 across Lateral No. 1 of West Creek in the U.S. 41 right-of-way on the west side of the highway

THE PURPOSE OF THE REQUEST IS TO:

Allow the permanent placement of two 12" diameter force mains under Lateral No. 1 of West Creek

1. THE APPLICANT HEREBY AGREES TO RESTORE THE LAND, DRAINAGE DITCHES AND ALL OTHER SURFACES AND/OR STRUCTURES WITHIN THE DITCH AND REGULATED DRAIN EASEMENT TO A CONDITION AS GOOD OR BETTER THAN THEY WERE PRIOR TO THE COMMENCEMENT OF THE WORK.

2. THE APPLICANT SHALL AND WILL INDEMNIFY AND HOLD HARMLESS ANY AND ALL COUNTY ENTITIES, INCLUDING BUT NOT LIMITED TO THE COUNTY OF LAKE, BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND/OR AGENTS FROM AND AGAINST ANY AND ALL DAMAGES, INJURIES, LOSSES, DEMANDS, OR COSTS PROXIMATELY CAUSED BY THE FAULT, CULPABILITY OR NEGLIGENCE OF THE APPLICANT IN THE PERFORMANCE OF OR IN ANY WAY RELATED TO OR RESULTING FROM THE PERMITTED WORK OVER AND ACROSS THE DRAINS OR DRAINAGE RIGHTS-OF-WAY UNDER THE JURISDICTION OF THE LAKE COUNTY DRAINAGE BOARD.

3. **IMPORTANT CLAUSE IN THIS PERMIT APPLICATION:** THE APPLICANT FURTHER AGREES TO NOTIFY THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR IN WRITING AT LEAST FIVE (5) DAYS IN ADVANCE OF THE COMMENCEMENT OF THE WORK DESCRIBED IN THIS APPLICATION, AND WILL ALSO GIVE NOTICE TO THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR THE DAY PRECEDING THE COMPLETION OF THE WORK. FAILURE TO PROVIDE SUCH NOTICE MAY CAUSE REVOCATION OF THE PERMIT(S) AND APPLICANT MAY INCUR PENALTIES. PLEASE SEND NOTICES TO: LAKE COUNTY DRAINAGE BOARD, ATTN: LAKE COUNTY DRAINAGE BOARD SECRETARY, 2293 N. MAIN STREET, CROWN POINT, IN 46307

4(a). THE APPLICANT AGREES TO AVOID CAUSING DAMAGE TO THE ESTABLISHED REGULATED DRAIN OR TO LANDOWNERS AFFECTED BY THE DRAIN, PURSUANT TO I.C.36-9-27-72(D).

4(b). FOR APPLICATIONS REGARDING THE PLACEMENT OF TEMPORARY STRUCTURES IN THE DRAIN'S EASEMENT (BOX III, PAGE 1), SUCH AS FENCES, TREES, GARDENS, SHEDS, ETC., THE APPLICANT UNDERSTANDS THAT, IF THE DRAINAGE BOARD GRANTS PERMISSION TO PLACE SAID TEMPORARY STRUCTURES WITHIN THE DRAINAGE EASEMENT, SAID PLACEMENT IS AT THE OWNER'S RISK. SHOULD THE COUNTY SURVEYOR/DRAINAGE BOARD, THEIR AGENTS, REPRESENTATIVES, CONTRACTORS OR OTHERS AT THE DIRECTION OF SAID COUNTY SURVEYOR/DRAINAGE BOARD, NEED ACCESS TO THE DRAIN OR EASEMENT AND THE STRUCTURE REQUIRES REMOVAL, THE OWNER SHALL REMOVE SAME AT THE OWNER'S EXPENSE. SHOULD THE OWNER FAIL TO REMOVE SAME IN A TIMELY FASHION, THEN THE COUNTY SURVEYOR/DRAINAGE BOARD SHALL CAUSE SAME TO BE REMOVED AND THE OWNER SHALL HAVE NO RECOURSE. AFTER COMPLETION OF THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S ACTIVITY, THE OWNER SHALL HAVE THE RIGHT TO REINSTALL THE TEMPORARY STRUCTURE IN COMPLIANCE WITH THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S REQUIREMENTS. THE COUNTY SURVEYOR/DRAINAGE BOARD MAY REQUIRE PAYMENT FROM THE OWNER FOR THE COST OF THE REMOVAL OR REPLACEMENT FOR ANY OF SAID ITEMS, PURSUANT TO STATUTE.

5. THE APPLICANT SHALL HAVE WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY STATE LAW.

6. THE APPLICANT SHALL PAY THE LAKE COUNTY SURVEYOR'S OFFICE AN APPLICATION FEE(S) PRIOR TO THE APPLICATION BEING CONSIDERED AT THE NEXT MONTHLY LAKE COUNTY DRAINAGE BOARD MEETING.

7. THE APPLICANT SHALL CARRY PUBLIC LIABILITY INSURANCE MEETING THE MAXIMUM DOLLAR LIMITS AS SPECIFIED IN I.C. 34-13-3-1 ET SEQ. OR ANY SUBSEQUENTLY ENACTED APPLICABLE STATUTES, AND SHALL LIST THE COUNTY OF LAKE, THE BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND AGENTS AS OTHER INSURED.

8. THIS PERMIT DOES NOT OBTAIN THE NEED TO OBTAIN ANY OTHER FEDERAL, STATE AND/OR LOCAL AUTHORIZATION, IF REQUIRED.

9 BY SUBMITTING THIS APPLICATION, THE APPLICANT HEREBY STATES THE FOLLOWING:

- A. THE PROPOSED WORK MEETS ALL HYDRAULIC REQUIREMENTS THAT WILL PERMIT THE DRAIN TO FUNCTION PROPERLY. (I.C. 36-9-37-72 (C)).
- B. THE REGULATED DRAIN IS ADEQUATE TO HANDLE THE ADDITIONAL FLOW OF WATER, IF ANY
- C. NO HARMFUL POLLUTION IS LIKELY TO RESULT. (I.C. 36-9-27-17(C)).

10. ENGINEERING PLANS, WHICH SUBSTANTIATE THE ABOVE STATEMENTS, MUST ACCOMPANY THIS APPLICATION. THESE PLANS MUST INCLUDE SUFFICIENT DETAIL TO ALLOW VERIFICATION OF THE ABOVE STATEMENTS. (THESE PLANS SHOULD GENERALLY INCLUDE DIMENSIONS, ELEVATIONS, CALCULATIONS, DESCRIPTIONS OR THE QUANTITIES AND TYPES OF MATERIAL TO BE USED, DISCHARGE CALCULATIONS AND OTHER RELEVANT INFORMATION.)

11. UPON COMPLETION OF THE WORK, "AS BUILT PLANS", SIGNED AND SEALED BY AN INDIANA REGISTERED PROFESSIONAL ENGINEER, SHALL BE FORWARDED TO THE LAKE COUNTY DRAINAGE BOARD WITHIN 30 DAYS.

12. THE DRAINAGE BOARD RESERVES THE RIGHT TO WAIVE ANY OF THE REQUIREMENTS STATED HEREON.

SUBMITTED: Stephen Z. Kil, Town Manager DATE: 12/2/15  
 (PRINT OR TYPE NAME)  
  
 (SIGNATURE)

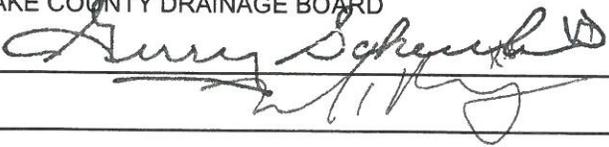
SUBMITTED FOR: Town of St. John

ADDRESS 10955 W. 93rd Avenue  
St. John, IN 4637

PHONE#: (219) 365-6465 ext. 1

(THIS SECTION FOR DRAINAGE BOARD USE ONLY)

LAKE COUNTY DRAINAGE BOARD

  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE: JANUARY 20, 2016 APPROVED: X\* DENIED: \_\_\_\_\_

SHOULD ANY APPLICATIONS BE SUBMITTED BY AN AGENT, CONSULTANT, ENGINEER, REPRESENTATIVE OR OTHERS PURPORTING TO ACT AS THE OWNER, THEN A POWER OF ATTORNEY SHALL BE DULY EXECUTED AND ATTACHED TO THESE APPLICATIONS. [SEE ATTACHMENT I]

**APPROVAL SHALL BE VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF APPROVAL. SHOULD THE WORK AND ALL RELATED ACTIVITIES NOT BE COMPLETED BY THAT TIME, PETITIONER IS REQUIRED TO REAPPLY. SHOULD THE SCOPE OF WORK, PLANS AND SPECIFICATIONS, OR ACTIVITIES LISTED HEREIN BE MODIFIED, PETITIONER MUST NOTIFY THE LAKE COUNTY SURVEYOR AND THE DRAINAGE BOARD OF THESE MODIFICATIONS FOR REVIEW AND/OR APPROVAL/DENIAL BY THE COUNTY SURVEYOR/DRAINAGE BOARD.**

\*[NOTE: APPROVED WITH CONDITION. SEE ATTACHED "NOTICE OF ACTION".]

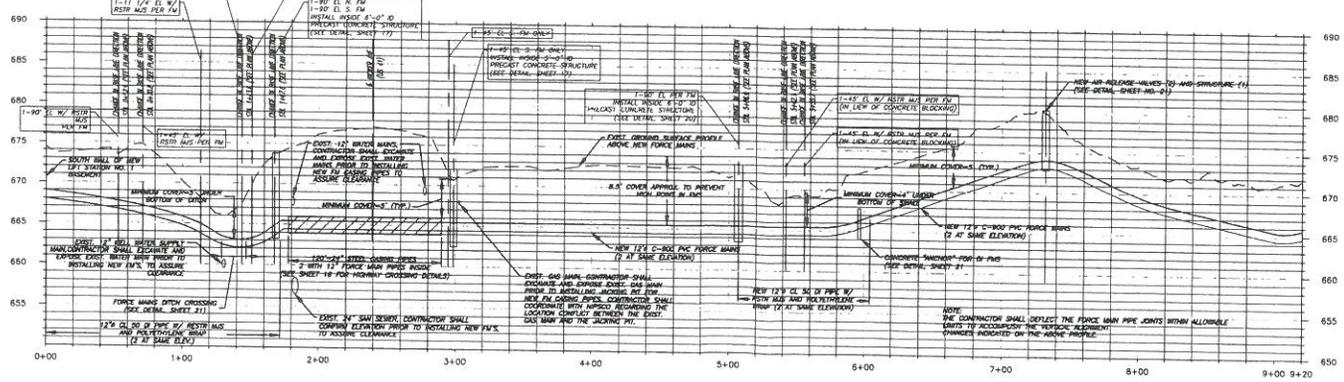
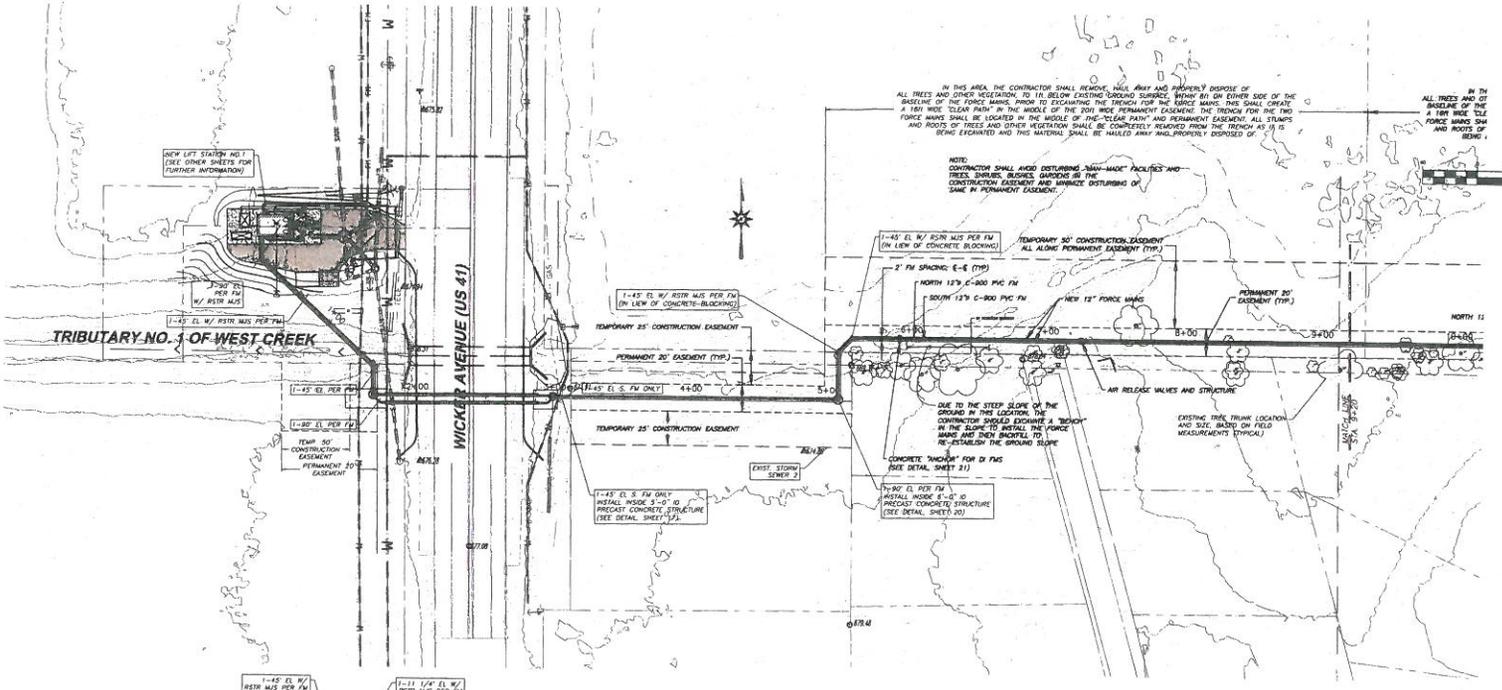
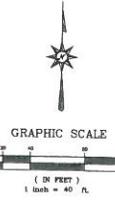




HA Associates  
CONSULTING ENGINEERS  
11075 E. 100th Ave., Suite 100  
Indianapolis, IN 46240  
Tel: 317.552.2222  
Fax: 317.552.2223  
www.haassoc.com

**LIFT STATION NO. 1 REPLACEMENT AND NEW FORCE MAINS & SAN. SEWER  
TOWN OF ST. JOHN, INDIANA - 2015  
NEW FORCE MAINS PLAN AND PROFILE**

DATE:	8-15-2015
DRAWN BY:	K.M.
CHECKED BY:	J.M.
SCALE:	H 1"=40' V 1"=6'
PAPER SIZE:	24x36
REVISIONS:	
SHEET NO.:	7
OF 38	



PLD Civil/CR John Lift Station No. 1 (ACSD) New 15 No. 714-Production

PLD Civil/CR John Lift Station No. 1 (ACSD) New 15 No. 714-Production





# Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307  
Phone: (219) 755-3745 • Fax: (219) 755-3750

Bill Emerson, Jr.  
County Surveyor



6-B

## NOTICE OF ACTION Application No. 289-1-16-I-III

January 20, 2016

Natalie Conlon  
Natural Resources Permitting Coordinator  
NIPSCO  
801 E. 86<sup>th</sup> Avenue  
Merrillville, IN 46410

DEAR PETITIONER:

THIS NOTICE IS TO INFORM YOU THAT YOUR PETITION OR REQUEST FOR

**Cady Marsh Ditch**  
**Applicant: NIPSCO**

Application to Perform Work Within and Place Temporary/Permanent Structure in a Regulated Drain/Easement for the purpose of installing a 24" natural gas pipeline.

WAS CONSIDERED BY THE DRAINAGE BOARD AT A MEETING ON THE 20<sup>th</sup> DAY OF JANUARY, 2016 WITH THE FOLLOWING ACTION:

- APPROVED PETITION OR REQUEST.
- APPROVED PETITION OR REQUEST SUBJECT TO CONDITIONS LISTED ON ATTACHMENT #1.
- CONTINUED PETITION OR REQUEST TO **FEBRUARY 17, 2016** MEETING.
- DENIED PETITION OR REQUEST.
- REMOVED FROM THE AGENDA. IF YOU WOULD LIKE TO REAPPLY TO THE DRAINAGE BOARD A NEW APPLICATION WILL NEED TO BE SUBMITTED, 14 DAYS PRIOR TO THAT MONTH'S MEETING.
- PETITION NOT RELEASED DUE TO NON-PAYMENT OF APPLICATION FEE(S).

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CONTACT BILL EMERSON, JR. OR DAN GOSSMAN AT (219) 755-3745.

MARY ELLEN KUPSIK



January 19, 2016

NIPSCO  
801 E. 86<sup>th</sup> Avenue  
Merrillville, IN 46410

Attention: Natalie Conlon  
Natural Resources Permitting Coordinator

Subject: **NIPSCO Pipeline, 24-inch**  
**Watercourse:** Cady Marsh Ditch & Schoon Ditch  
**Applicant:** NIPSCO  
**Engineer:** EN Engineering  
(CBBEL Project No. 93-169)

Dear Ms. Conlon:

At the request of the Lake County Surveyor's Office (LCSO), Christopher B. Burke Engineering, LLC (CBBEL) has performed a review of the material submitted for the subject project by NIPSCO. The project consists of the installation of a proposed 24-inch steel pipeline adjacent to Schoon Ditch and Cady Marsh Ditch in the Town of Munster, Indiana. The pipeline will be directionally bored approximately 15 ft. below the thalweg of Cady Marsh Ditch and Hart Ditch. The proposed pipeline will also parallel Schoon Ditch within the southern easement limits. There is mapped floodplain and floodway associated with all waterways according to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Lake County, Indiana and Incorporated Areas, Panels 117 & 136 of 480, dated January 18, 2012. The purpose of the CBBEL review was to comment on compliance with the Lake County, Indiana Stormwater Management Ordinance (Ordinance) and standard engineering methods.

CBBEL received the following items for review:

- Letter, prepared by NIPSCO, dated January 18, 2016.
- Lake County Drainage Board Permit Application
- Project Narrative, prepared by Golder Associates, dated December 2015.
- Various Plan Sheets/Appendices, prepared by NIPSCO/EN, dated varies.

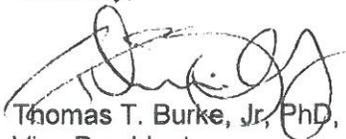
CBBEL staff has reviewed the supplied information and provides the following comments:

1. As previously noted, the Applicant has assumed that the LCSO will review and approve the Stormwater Pollution Prevention Plan (SWPPP). However, the LCSO generally does not take jurisdiction over these approvals since a majority of the disturbance associated with this project is outside of the regulated drain easements. We assume another

- jurisdictional agency will provide final approval of the SWPPP like the Lake County Soil Water Conservation District or the Lake County Plan Commission.
2. As previously noted, the LCSO should be copied on all Indiana Department of Environmental Management (IDEM) and/or United States Army Corps of Engineers 401 and 404 permitting. No work should commence until all required state and federal permits are obtained. This comment will remain a condition of approval.
  3. As previously noted, NIPSCO shall provide an on-site contact to the LCSO and notify the LCSO 48 hours prior to the directional boring activities commence. This comment will remain a condition of approval.
  4. It appears that the open cut method is applicable along Schoon Ditch until west of Columbia Avenue. It appears that the proposed pipeline will be under pavement from Columbia Avenue to Calumet Avenue. Perhaps a directional bore application would be better for this area to limit pavement disturbance adjacent to the waterway. Additionally, there are several driveways and entrances that will be impacted by the open cut method west of Calumet Avenue.
  5. At minimum, the Soil Erosion and Sediment Control Plan should include methods for restoration of open cut areas within the drainage easement (areas should be restored to existing conditions), dewatering procedures for the bore pits or open cut areas (as noted in the Golder narrative), possible locations of stockpiles, and details/specifications for all Best Management Practices proposed on-site. The installation plans appear to only show silt fence for the project.
  6. The Applicant should clarify proposed hydrostatic testing procedures. The Golder narrative references that some testing waters will be discharged to a Munster storm sewer and others will be discharged to a dewatering pit. The Applicant should clarify if any of this testing effluent will be directly discharged to a regulated drain. If so, NIPSCO shall notify the LCSO at least 48 hours in advance and cease any discharge if the waterways are high or if storm events have been forecasted.

If you have any questions please do not hesitate to call (847) 823-0500.

Sincerely,



Thomas T. Burke, Jr, PhD, PE  
Vice President  
Head, Water Resources Department

CC: Bill Emerson, Jr. – Lake County Surveyor  
Dan Gossman – LCSO  
Mary Ellen Kupsik – LCSO

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December 22, 2015

Environmental Resources Management  
3352 128<sup>th</sup> Avenue  
Holland, MI 49424-9263

Attention: Natalie Conlon  
Natural Resources Permitting Coordinator

Subject: **NIPSCO Pipeline, 24-inch**  
**Watercourse:** Cady Marsh Ditch & Schoon Ditch  
**Applicant:** NIPSCO  
**Engineer:** EN Engineering  
(CBBEL Project No. 93-169)

Dear Ms. Conlon:

At the request of the Lake County Surveyor's Office (LCSO), Christopher B. Burke Engineering, LLC (CBBEL) has performed a review of the material submitted for the subject project by NIPSCO. The project consists of the installation of a proposed 24-inch steel pipeline adjacent to Schoon Ditch and Cady Marsh Ditch in the Town of Munster, Indiana. The pipeline will be directionally bored approximately 15 ft. below the thalweg of Cady Marsh Ditch and Hart Ditch. The proposed pipeline will also parallel Schoon Ditch within the southern easement limits. There is mapped floodplain and floodway associated with Spring Street Ditch according to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Lake County, Indiana and Incorporated Areas, Panel 136 of 480, dated January 18, 2012. The purpose of the CBBEL review was to comment on compliance with the Lake County, Indiana Stormwater Management Ordinance (Ordinance) and standard engineering methods.

CBBEL received the following items for review:

- Letter, prepared by NIPSCO, dated December 14, 2015.
- Lake County Drainage Board Permit Application
- Project Narrative, prepared by Golder Associates, dated December 2015.
- Various Plan Sheets/Appendices, prepared by NIPSCO/EN, dated varies.

CBBEL staff has reviewed the supplied information and provides the following comments:

1. The Lake County drainage easement limits should be shown on Plan Sheet P-017 for Schoon Ditch and Cady Marsh Ditch. The drainage easement should be shown as 75 ft. from each top of bank. We assume the westerly bore pit is within the Schoon Ditch regulated limits. If so, the Lake County Drainage Board Permit Application should be revised to include this waterway.

2. Floodway limits of Schoon Ditch, Hart Ditch, and Cady Marsh Ditch should be shown on all applicable plan sheets.
3. We recommend that the plans be signed and sealed by a Registered Indiana Professional Engineer.
4. Plan Sheet P-017 should be modified to be reflective of the legend shown on wetland sheets 1-4. These sheets differentiate between open cut and directional bore limits, but same linetype/color is used.
5. Plan Sheet P-017 indicates that the 24-inch diameter pipeline will be installed via an open cut method west of the boring locations. It appears that this open cut area is within the regulated drain limits of Schoon Ditch. Additional plan sheets should be submitted to show the entirety of the proposed work within this regulated drain easement.
6. The Applicant has assumed that the LCSO will review and approve the Stormwater Pollution Prevention Plan (SWPPP). However, the LCSO generally does not take jurisdiction over these approvals since a majority of the disturbance associated with this project is outside of the regulated drain easements. We assume another jurisdictional agency will provide final approval of the SWPPP like the Lake County Soil Water Conservation District or the Lake County Plan Commission.
7. A Soil Erosion and Sediment Control (SESC) plan should be provided for the two boring pits and open cut installations. While we will not review the SWPPP, we will review the SESC plan for general compliance and utilization of Best Management Practices to minimize sediment deposition into the adjacent waterways.
8. We do not recommend that stockpiling activities associated with the bore pits be placed within the floodway of any of the adjacent waterways.
9. The LCSO should be copied on all Indiana Department of Environmental Management (IDEM) and/or United States Army Corps of Engineers 401 and 404 permitting. No work should commence until all required state and federal permits are obtained.
10. NIPSCO shall provide an on-site contact to the LCSO and notify the LCSO 48 hours prior to the directional boring activities commence.

If you have any questions please do not hesitate to call (847) 823-0500.

Sincerely,



Thomas T. Burke, Jr, PhD, PE  
Vice President  
Head, Water Resources Department

CC: Bill Emerson, Jr. – Lake County Surveyor  
Dan Gossman – LCSO  
Mary Ellen Kupsik – LCSO

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6-B

1-20-16



December 14, 2015

Lake County Drainage Board  
Building A, 3rd Floor  
2293 North Main St.  
Crown Point, IN 46307

RE: APPLICATION FOR PERMISSION TO PERFORM WORK NEAR A REGULATED DRAIN  
NIPSCO STATELINE TO HIGHLAND 24" GAS PIPELINE INSTALLATION  
SECTION 29, T36N R9W  
LAKE COUNTY, INDIANA

Dear Recipient:

NIPSCO respectfully submits the enclosed Application for Permission to Perform Work near a Regulated Drain.

NIPSCO project engineers have carefully considered the proposed project activities, which are presented in the attached permit application. The application presents a plan to install a 24" natural gas pipeline below the Cady Marsh Ditch via horizontal directional drill (HDD), while minimizing impacts to the surrounding environment. Though portions of the work will be completed in its vicinity, no direct or permanent impacts to the ditch are anticipated due to the proposed project.

If requested, NIPSCO will endeavor to provide additional information about the proposed activities in a timely manner.

We appreciate your continued time and attention to this project. If you have questions, please contact Natalie Conlon at [nconlon@nisource.com](mailto:nconlon@nisource.com) or (219) 647-5251.

Respectfully,  
NIPSCO

Natalie Conlon  
Natural Resources Permitting Coordinator

cc: Keith Tollenaere, Golder Associates Inc.

Enclosed:

Attachments:

Lake County Application

Attachment A – Site Location Map

Attachment B – Project Description

Attachment C – Wetland Exhibit

December 9, 2015

Lake County Drainage Board  
Building A, 3<sup>rd</sup> Floor  
2293 North Main St.  
Crown Point, IN 46307

**RE: APPLICATION FOR PERMISSION TO PERFORM WORK NEAR A REGULATED DRAIN  
NIPSCO STATELINE TO HIGHLAND 24" GAS PIPELINE INSTALLATION  
SECTION 29, T36N R9W  
LAKE COUNTY, INDIANA**

Dear Recipient:

NIPSCO respectfully submits the enclosed Application for Permission to Perform Work near a Regulated Drain.

NIPSCO project engineers have carefully considered the proposed project activities, which are presented in the attached permit application. The application presents a plan to install a 24" natural gas pipeline below the Cady Marsh Ditch via horizontal directional drill (HDD), while minimizing impacts to the surrounding environment. Though portions of the work will be completed in its vicinity, no direct or permanent impacts to the ditch are anticipated due to the proposed project.

If requested, NIPSCO will endeavor to provide additional information about the proposed activities in a timely manner.

We appreciate your continued time and attention to this project. If you have questions, please contact Natalie Conlon at [nconlon@nisource.com](mailto:nconlon@nisource.com) or (219) 647-5251.

Respectfully,  
**NIPSCO**

Natalie Conlon  
Natural Resources Permitting Coordinator

cc: Keith Tollenaere, Golder Associates Inc.

Enclosed:

Attachments:

Lake County Application  
Attachment A – Site Location Map  
Attachment B – Project Description  
Attachment C – Wetland Exhibit

APPLICATION NO. 289-1-16-I-III

APPLICATION FOR PERMISSION TO PERFORM THE FOLLOWING TASK(S) WITHIN A REGULATED DRAIN  
[PLEASE CHECK THE APPROPRIATE BOX]

- I. WORK WITHIN A REGULATED DRAIN
- II. CONNECT/DISCHARGE INTO THE DRAIN/EASEMENT
- III. PLACE TEMPORARY/PERMANENT STRUCTURE IN THE DRAIN/EASEMENT
- IV. REDUCE EASEMENT FROM SEVENTY-FIVE (75) FEET

TO THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY, INDIANA;

(Name) Northern Indiana Public Service Company (NIPSCO)

HEREINAFTER CALLED APPLICANT, HEREBY MAKES APPLICATION TO THE LAKE COUNTY DRAINAGE BOARD TO PERFORM THE ABOVE DESCRIBED ACTIVITY WITHIN A REGULATED DRAIN AND/OR THE EASEMENT FOR A REGULATED DRAIN WHICH IS PART OF THE DRAINAGE SYSTEM FOR LAKE COUNTY, INDIANA.

THE LOCATION IS AS FOLLOWS:

NAME OF WATERWAY: Cady Marsh Ditch

SECTION(s): 29 TOWNSHIP: T36N RANGE: R9W

ADDRESS OR DESCRIPTION OF LOCATION: NIPSCO Right of Way

See Attachment A

THE REQUEST IS TO CONSIST OF THE FOLLOWING ACTIVITIES:

See Attachment B. No direct impacts to the Cady Marsh Ditch are anticipated based upon the project; however, aspects of the project will be completed in the vicinity of the ditch. The pipeline will cross the Cady Marsh Ditch via Horizontal Directional Drill (HDD).

THE PURPOSE OF THE REQUEST IS TO:

See Attachment B

1. THE APPLICANT HEREBY AGREES TO RESTORE THE LAND, DRAINAGE DITCHES AND ALL OTHER SURFACES AND/OR STRUCTURES WITHIN THE DITCH AND REGULATED DRAIN EASEMENT TO A CONDITION AS GOOD OR BETTER THAN THEY WERE PRIOR TO THE COMMENCEMENT OF THE WORK.

2. THE APPLICANT SHALL AND WILL INDEMNIFY AND HOLD HARMLESS ANY AND ALL COUNTY ENTITIES, INCLUDING BUT NOT LIMITED TO THE COUNTY OF LAKE, BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND/OR AGENTS FROM AND AGAINST ANY AND ALL DAMAGES, INJURIES, LOSSES, DEMANDS, OR COSTS PROXIMATELY CAUSED BY THE FAULT, CULPABILITY OR NEGLIGENCE OF THE APPLICANT IN THE PERFORMANCE OF THE PERMITTED WORK OVER AND ACROSS THE DRAINS OR DRAINAGE RIGHTS-OF-WAY UNDER THE JURISDICTION OF THE LAKE COUNTY DRAINAGE BOARD.

3. **IMPORTANT CLAUSE IN THIS PERMIT APPLICATION:** THE APPLICANT FURTHER AGREES TO NOTIFY THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR IN WRITING AT LEAST FIVE (5) DAYS IN ADVANCE OF THE COMMENCEMENT OF THE WORK DESCRIBED IN THIS APPLICATION, AND WILL ALSO GIVE NOTICE TO THE LAKE COUNTY DRAINAGE BOARD OR THE LAKE COUNTY SURVEYOR THE DAY PRECEDING THE COMPLETION OF THE WORK. FAILURE TO PROVIDE SUCH NOTICE MAY CAUSE REVOCATION OF THE PERMIT(S) AND APPLICANT MAY INCUR PENALTIES. PLEASE SEND NOTICES TO: LAKE COUNTY DRAINAGE BOARD, ATTN: LAKE COUNTY DRAINAGE BOARD SECRETARY, 2293 N. MAIN STREET, CROWN POINT, IN 46307

4(a). THE APPLICANT AGREES TO AVOID CAUSING DAMAGE TO THE ESTABLISHED REGULATED DRAIN OR TO LANDOWNERS AFFECTED BY THE DRAIN, PURSUANT TO I.C.36-9-27-72(D).

4(b). FOR APPLICATIONS REGARDING THE PLACEMENT OF TEMPORARY STRUCTURES IN THE DRAIN'S EASEMENT (BOX III, PAGE 1), SUCH AS FENCES, TREES, GARDENS, SHEDS, ETC., THE APPLICANT UNDERSTANDS THAT, IF THE DRAINAGE BOARD GRANTS PERMISSION TO PLACE SAID TEMPORARY STRUCTURES WITHIN THE DRAINAGE EASEMENT, SAID PLACEMENT IS AT THE OWNER'S RISK. SHOULD THE COUNTY SURVEYOR/DRAINAGE BOARD, THEIR AGENTS, REPRESENTATIVES, CONTRACTORS OR OTHERS AT THE DIRECTION OF SAID COUNTY SURVEYOR/DRAINAGE BOARD, NEED ACCESS TO THE DRAIN OR EASEMENT AND THE STRUCTURE REQUIRES REMOVAL, THE OWNER SHALL REMOVE SAME AT THE OWNER'S EXPENSE. SHOULD THE OWNER FAIL TO REMOVE SAME IN A TIMELY FASHION, THEN THE COUNTY SURVEYOR/DRAINAGE BOARD SHALL CAUSE SAME TO BE REMOVED AND THE OWNER SHALL HAVE NO RECOURSE. AFTER COMPLETION OF THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S ACTIVITY, THE OWNER SHALL HAVE THE RIGHT TO REINSTALL THE TEMPORARY STRUCTURE IN COMPLIANCE WITH THE COUNTY SURVEYOR'S/DRAINAGE BOARD'S REQUIREMENTS. THE COUNTY SURVEYOR/DRAINAGE BOARD MAY REQUIRE PAYMENT FROM THE OWNER FOR THE COST OF THE REMOVAL OR REPLACEMENT FOR ANY OF SAID ITEMS, PURSUANT TO STATUTE.

5. THE APPLICANT SHALL HAVE WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY STATE LAW.

6. THE APPLICANT SHALL PAY THE LAKE COUNTY SURVEYOR'S OFFICE AN APPLICATION FEE(S) PRIOR TO THE APPLICATION BEING CONSIDERED AT THE NEXT MONTHLY LAKE COUNTY DRAINAGE BOARD MEETING.

7. THE APPLICANT SHALL CARRY PUBLIC LIABILITY INSURANCE MEETING THE MAXIMUM DOLLAR LIMITS AS SPECIFIED IN I.C. 34-13-3-1 ET SEQ. OR ANY SUBSEQUENTLY ENACTED APPLICABLE STATUTES, AND SHALL LIST THE COUNTY OF LAKE, THE BOARD OF COMMISSIONERS OF THE COUNTY OF LAKE, THE LAKE COUNTY DRAINAGE BOARD, LAKE COUNTY SURVEYOR, ITS ELECTED OFFICIALS, ITS APPOINTED OFFICIALS, ITS OFFICERS, ITS EMPLOYEES, ITS DEPARTMENTS, ITS BOARDS AND AGENTS AS OTHER INSURED.

8. THIS PERMIT DOES NOT OBIVATE THE NEED TO OBTAIN ANY OTHER FEDERAL, STATE AND/OR LOCAL AUTHORIZATION, IF REQUIRED.

9 BY SUBMITTING THIS APPLICATION, THE APPLICANT HEREBY STATES THE FOLLOWING:

- A. THE PROPOSED WORK MEETS ALL HYDRAULIC REQUIREMENTS THAT WILL PERMIT THE DRAIN TO FUNCTION PROPERLY. (I.C. 36-9-37-72 (C)).
- B. THE REGULATED DRAIN IS ADEQUATE TO HANDLE THE ADDITIONAL FLOW OF WATER, IF ANY
- C. NO HARMFUL POLLUTION IS LIKELY TO RESULT. (I.C. 36-9-27-17(C)).

10. ENGINEERING PLANS, WHICH SUBSTANTIATE THE ABOVE STATEMENTS, MUST ACCOMPANY THIS APPLICATION. THESE PLANS MUST INCLUDE SUFFICIENT DETAIL TO ALLOW VERIFICATION OF THE ABOVE STATEMENTS. (THESE PLANS SHOULD GENERALLY INCLUDE DIMENSIONS, ELEVATIONS, CALCULATIONS, DESCRIPTIONS OR THE QUANTITIES AND TYPES OF MATERIAL TO BE USED, DISCHARGE CALCULATIONS AND OTHER RELEVANT INFORMATION.)

11. UPON COMPLETION OF THE WORK, "AS BUILT PLANS", SIGNED AND SEALED BY AN INDIANA REGISTERED PROFESSIONAL ENGINEER, SHALL BE FORWARDED TO THE LAKE COUNTY DRAINAGE BOARD WITHIN 30 DAYS.

12. THE DRAINAGE BOARD RESERVES THE RIGHT TO WAIVE ANY OF THE REQUIREMENTS STATED HEREON.

SUBMITTED: Natalie Conlon DATE: 12/14/2015  
 (PRINT OR TYPE NAME)  
Natalie Conlon  
 (SIGNATURE)

SUBMITTED FOR: NIPSCO  
 ADDRESS: 801 East 8<sup>th</sup> Ave  
merrillville, IN 46410  
 PHONE#: 219-647-5251

(THIS SECTION FOR DRAINAGE BOARD USE ONLY)

LAKE COUNTY DRAINAGE BOARD  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE: \_\_\_\_\_ APPROVED: \_\_\_\_\_ DENIED: \_\_\_\_\_

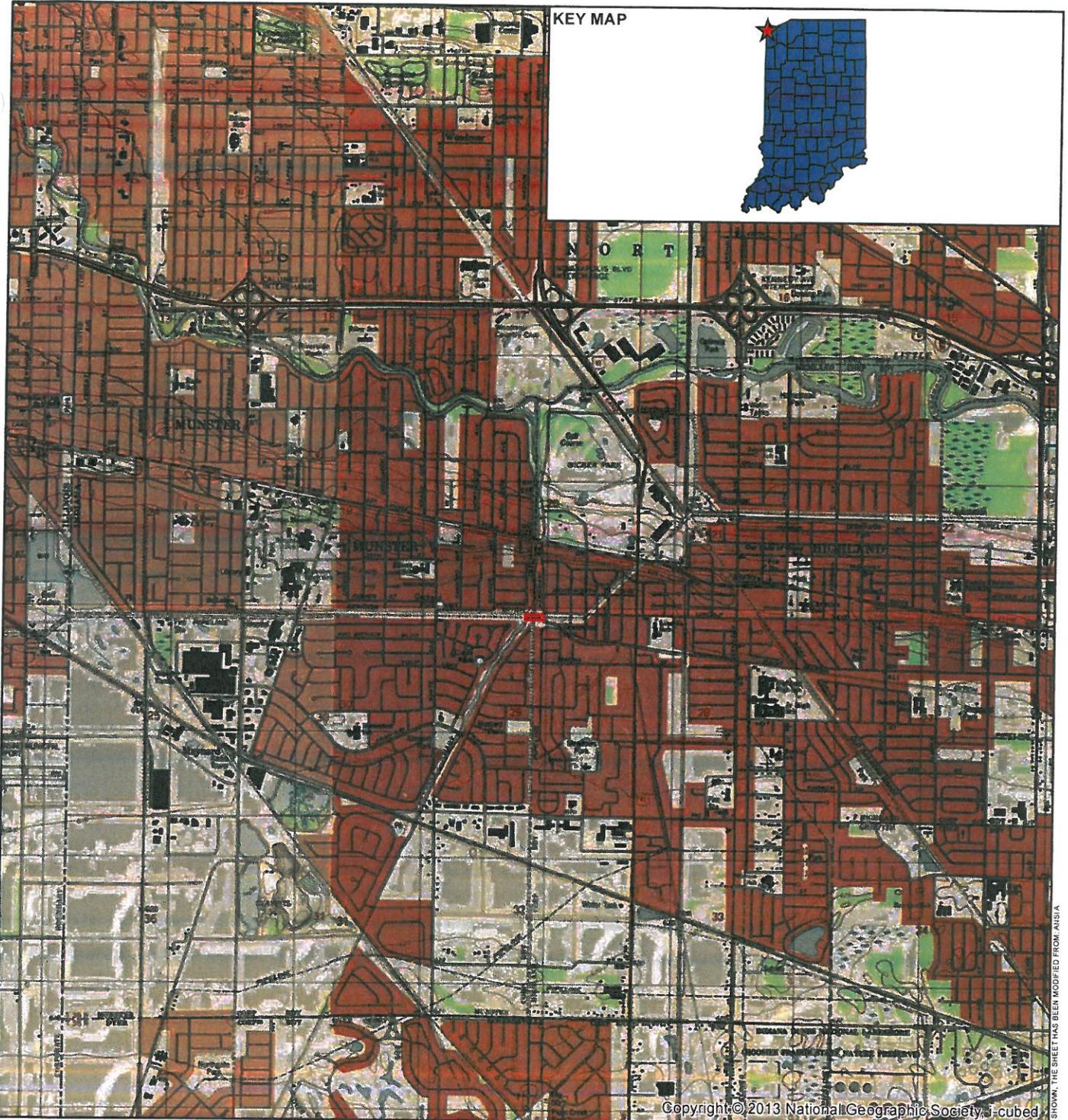
SHOULD ANY APPLICATIONS BE SUBMITTED BY AN AGENT, CONSULTANT, ENGINEER, REPRESENTATIVE OR OTHERS PURPORTING TO ACT AS THE OWNER, THEN A POWER OF ATTORNEY SHALL BE DULY EXECUTED AND ATTACHED TO THESE APPLICATIONS. [SEE ATTACHMENT I]

**APPROVAL SHALL BE VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF APPROVAL. SHOULD THE WORK AND ALL RELATED ACTIVITIES NOT BE COMPLETED BY THAT TIME, PETITIONER IS REQUIRED TO REAPPLY. SHOULD THE SCOPE OF WORK, PLANS AND SPECIFICATIONS, OR ACTIVITIES LISTED HEREIN BE MODIFIED, PETITIONER MUST NOTIFY THE LAKE COUNTY SURVEYOR AND THE DRAINAGE BOARD OF THESE MODIFICATIONS FOR REVIEW AND/OR APPROVAL/DENIAL BY THE COUNTY SURVEYOR/DRAINAGE BOARD.**

**LAKE COUNTY DRAINAGE BOARD  
PERMIT APPLICATION ATTACHMENTS**

**ATTACHMENT A**  
**Site Location Map**

KEY MAP



LEGEND

 Approximate Ditch Crossings

REFERENCE

NAD\_1983\_STATEPLANE\_INDIANA\_WEST\_FIPS\_1302\_FEET  
PROJECTION: TRANSVERSE\_MERCATOR



CLIENT  
NORTHERN INDIANA PUBLIC SERVICE COMPANY  
NIPSCO

---

PROJECT  
STATELINE TO HIGHLAND GAS PIPELINE REPLACEMENT

TITLE  
SITE LOCATION MAP  
USGS TOPOGRAPHIC MAP

CONSULTANT



YYYY-MM-DD	2014-10-15
PREPARED	KPL
DESIGN	KDT
REVIEW	JBM
APPROVED	KDT

PROJECT No. 1522017 CONTROL

Rev. 2015-06-26

FIGURE 2

Path: H:\US-Projects\1522017\_NIPSCO\_Site\_Line\_to\_Highland\Site\_Location\_Map\Site\_Location\_Map\_Ditch\_Crossing.mxd

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM AINSA

**ATTACHMENT B**  
**Project Description**



## PROJECT DESCRIPTION AND PURPOSE

### **Background/Setting**

Northern Indiana Public Service Company (NIPSCO) operates hundreds of miles of natural gas pipeline throughout the state of Indiana. This pipeline network plays an important role in distributing natural gas to individual homes and commercial/industrial end users across the state. Portions of the pipeline network date to the 1950s and routine maintenance activities, including replacement of pipeline, are necessary for the continued safe and efficient distribution of natural gas to NIPSCO's customers.

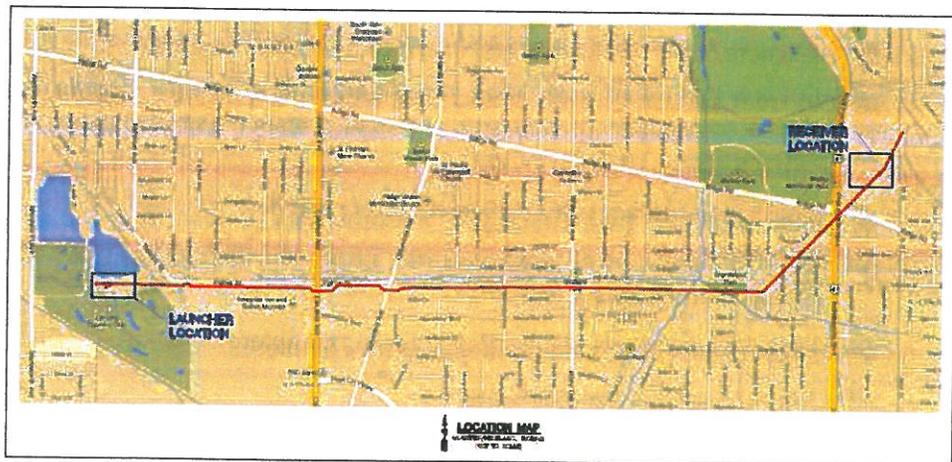
NIPSCO carefully analyzes the potential environmental impacts of each proposed project in advance of a decision to proceed. This includes assessing options for avoidance of wetland and floodplain issues and subsequent mitigation opportunities before initiating the permit process. Pursuant to this analysis, NIPSCO has chosen the proposed pipeline route described in this permit application.

This project description, though being submitted to support the application for work in the vicinity of a regulated drain, presents the entire proposed project for background and context.

### **Project Details**

The proposed project involves installation of a natural gas pipeline to replace existing feeds within a NIPSCO-owned electric transmission right-of-way (ROW) beginning at the state line in Munster, Indiana. The project extends approximately 3.5 miles within the ROW. From the state line, the proposed project extends east within the ROW along Fisher Street and the Munster bike trail, across the Hart and Cady Marsh Ditches, along Lincoln Avenue to Prairie Avenue, where it turns northeast and proceeds through the intersection of Ridge Road and Indianapolis Boulevard before ending at the Highland Junction in the city of Highland, Indiana. NIPSCO proposes to install a 24-inch diameter pipeline within the ROW that is expected to operate at a pressure of 483 pounds per square inch (psi). The replaced pipelines will be abandoned in place following appropriate regulatory guidelines.

Proposed installation techniques for the pipeline include open-cut trenching (OC), jack-and-bore, and horizontal directional drilling (HDD). NIPSCO will use jack-and-bore methods to install pipeline below roadways and other existing surface features such as tennis courts, playgrounds, and railroads where the total required length to bypass the feature is less than approximately 200 feet. For features requiring a longer bore, NIPSCO will use HDD. For this project,





NIPSCO has proposed to use HDD to install the pipeline below the intersection of Indianapolis Boulevard and Ridge Road for a distance of approximately 850 feet. NIPSCO will also use HDD to install the pipeline below the Hart and Cady Marsh Ditches. For the remaining portions of the project, NIPSCO plans to install the pipeline using OC. In general, OC will result in the top of the pipeline being placed approximately 3-4 feet below ground surface (bgs).

The pipeline trench will be the width of the pipe plus approximately two feet on either side (~6 feet).

Installation of the proposed pipeline is expected to result in 0.16 acres of permanent and 0.35 acres of temporary wetland impacts as a result of OC, access roads, temporary work areas, and other project-related activities. Where possible, NIPSCO has designed the project to avoid wetland impacts. Temporarily-impacted wetland areas will be restored to prior grades and reseeded/mulched within one week following completion of the soil disturbance. The restoration and monitoring plan further details actions for restoring temporarily-impacted wetlands. No mitigation is expected to be required for the limited permanent wetland impacts on this project.

A project plan set is included as Attachment C. The plan set shows the proposed route of the pipeline within the ROW as well as the location of wetlands and anticipated extent of temporary wetland impacts. Prior to commencement of site work, ditch and wetland areas in the vicinity of proposed activities will be defined with high visibility flagging and/or fencing. Contractors will be directed to avoid all but permitted work areas. Appropriate erosion and sedimentation (E&S) measures will be installed and maintained throughout the project. The project SWPPP and NOI will be submitted to the Lake County Surveyor's Office for their review. No construction will begin without the required notifications and approvals.

The following is a summary of the proposed general construction sequence and methods. The sequence and methods presented here are subject to change based on the contractor's equipment and means. Substantive changes will be discussed with representatives of the USACE, Indiana Department of Environmental Management (IDEM), and/or Indiana Department of Natural Resources (IDNR) – Water Resource Division prior to implementation.

- Designate/stake work areas and install silt fence/E&S measures
- Cut trees and clear vegetation in work areas, if necessary. Debris from tree and shrub clearing will be transported off-site for disposal or remain on-site in upland areas, but will not be placed in the ditches or wetland areas.
- Install jack-and-bore and HDD sections of pipeline
- Install OC sections of pipeline starting from launcher area at the state line and work towards receiver in Highland Junction
- Perform hydrostatic testing when pipeline complete
- Restore/stabilize disturbed areas
- Remove silt fence when exposed soils are stabilized by vegetation



In summary, construction will be performed using standard construction practices for similar work. Equipment and material staging areas and access roads will be located within existing uplands along the site and may move as the project progresses. Periodic inspections and maintenance will be performed in accordance with NPDES General Permit requirements. When construction and restoration activities are complete and exposed soils stabilized by vegetation, silt fencing and other necessary temporary erosion controls will be removed. Throughout the project, no soil, equipment, or construction materials or debris will be staged or placed in regulated stream/ditch or wetland areas without prior approval from the USACE, IDEM, IDNR, or other appropriate regulatory agency.

### **Hart and Cady Marsh Ditches**

The Hart Ditch (HUC 71200030304) runs from southwest to northeast through the ROW while the Cady Marsh Ditch (HUC 7120003030040) runs from southeast to northwest through the ROW. The confluence of the two ditches is located approximately 50 feet north of the ROW. The 2014 IDEM Section 303(d) list of impaired waters in Indiana includes the Hart Ditch and its tributaries as having impairments to biotic communities, nutrients, *E. coli* and chloride. The Cady Marsh Ditch is listed for the same impairments: biotic communities, nutrients, *E. coli*, and chloride (IDEM 2014). NIPSCO does not anticipate that the proposed project will further impair these waterbodies.

The Cady Marsh Ditch is a warm-water, perennial tributary to the Hart Ditch, which flows into the Little Calumet River (HUC 71200030305) approximately one mile north of the proposed ditch crossing. The Little Calumet River flows west/northwest before emptying into the Calumet-Saganashkee Channel (Cal-Sag Channel; HUC 71200030403), which then flows east and ultimately north, past Lake Calumet, emptying into Lake Michigan north of Calumet Park in the city of South Chicago.

At the point of the ditch crossings, the Hart Ditch has a drainage area of approximately 53 mi<sup>2</sup> and the Cady Marsh Ditch has a drainage area of approximately 16 mi<sup>2</sup> (FEMA n.d.). Both ditches receive urban storm water runoff and exhibit flashy flow, with rapid increases and decreases in gage height and flow levels following storm events. USGS Gaging Station No. 05536190 on the Hart Ditch at Munster indicates that during June 2015, gage height varied between 0.80 feet and 6.54 feet and discharge varied between 37 and at least 854 ft<sup>3</sup>/s. Some discharge data has not yet been posted for June, including discharge when the gage height was 6.54 feet. The discharge of 854 ft<sup>3</sup>/s corresponds to a gage height of 5.54 feet.

### **Reference**

Federal Emergency Management Agency. No Date. Flood Insurance Study: Lake County, Indiana and Incorporated Areas. Flood Insurance Study Number 18089CV001A. Volume 1 of 3. 101 pp.

IDEM. 2014. Notice of Public Comment Period for Indiana's Draft 2014 303(d) List of Impaired Waters. Indiana Department of Environmental Management, Office of Water Quality. Accessed on July 9, 2015 at: <http://www.in.gov/idem/nps/2647.htm>

U.S. Geological Survey, 2015. National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed July 9, 2015, at URL <http://waterdata.usgs.gov/in/nwis/uv/?>

**ATTACHMENT C**  
**Project Plan Set / Wetland Exhibit**



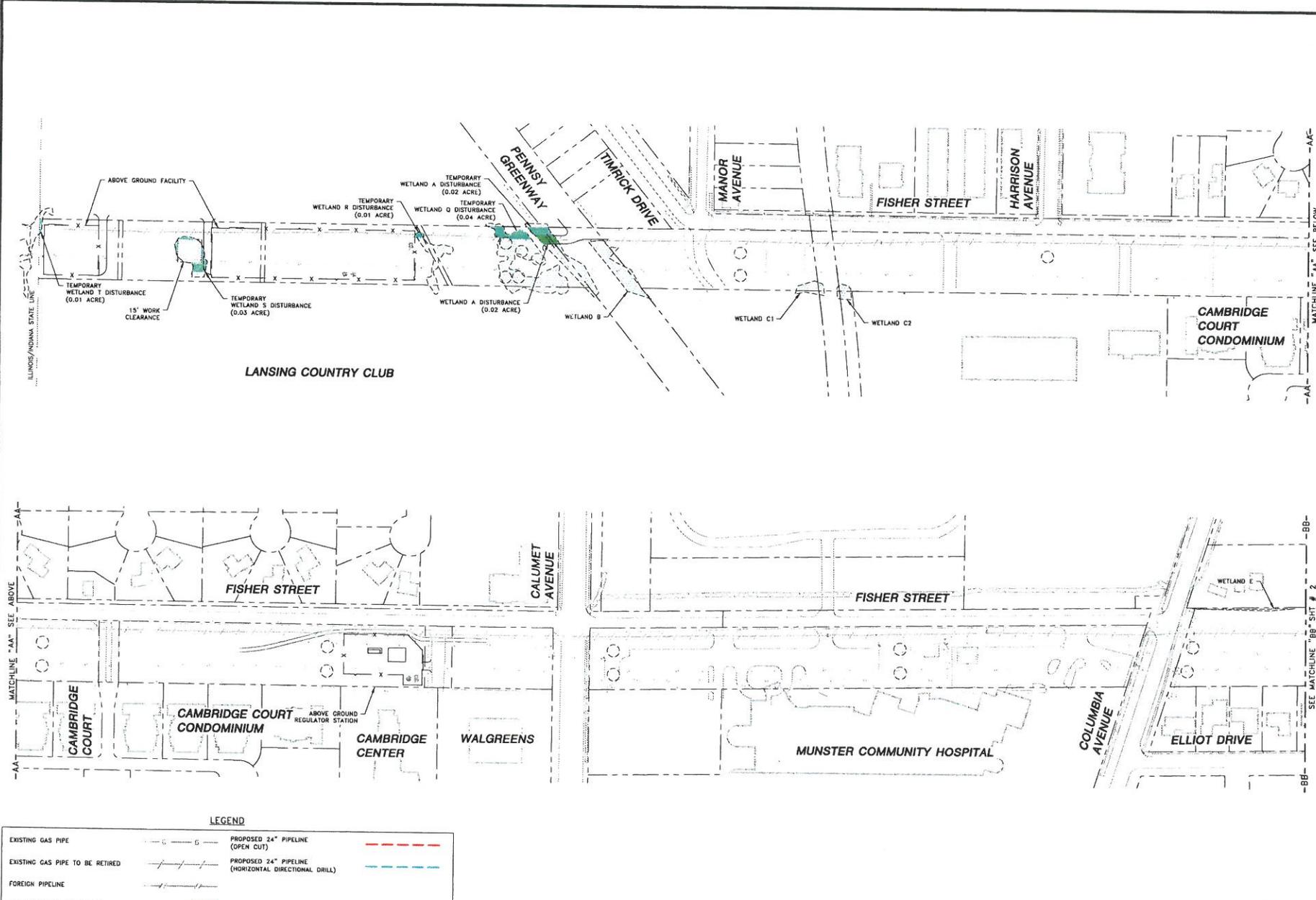
ENGR. FABERBCK
PHONE NO. 219-707-4008
CELL. NO. 219-263-8718
PAGER NO.

DRAWN: EATON
DATE: 12-01-15
TOWNSHIP: MUNSTER/HIGHLAND
COUNTY: LAKE

24" WETLAND DISTURBANCE EXHIBIT
LOCATION: MUNSTER/HIGHLAND, INDIANA
DESCRIPTION: INSTALLATION OF 24" PIPELINE FROM STATELINE TO HIGHLAND JUNCTION
TAXING UNIT: M2/A29
CNE #: 140500.29
FILENAME:

SCALE: 1"=100'
REV. NO. 70114-913
WORK ORDER NO.
40114-913

SHEET: 1



**LEGEND**

EXISTING GAS PIPE		PROPOSED 24" PIPELINE (OPEN CUT)	
EXISTING GAS PIPE TO BE RETIRED		PROPOSED 24" PIPELINE (HORIZONTAL DIRECTIONAL DRILL)	
FOREIGN PIPELINE			
WETLAND IMPACT PERMANENT			
WETLAND IMPACT TEMPORARY			

**PRELIMINARY  
BID SET  
12-01-15**

**ENEngineering**  
28100 TORCH PARKWAY, STE. 400  
WARRICKVILLE, IN 46384  
TEL: 630-353-4000  
FAX: 630-353-7777  
WWW.ENENGINEERING.COM

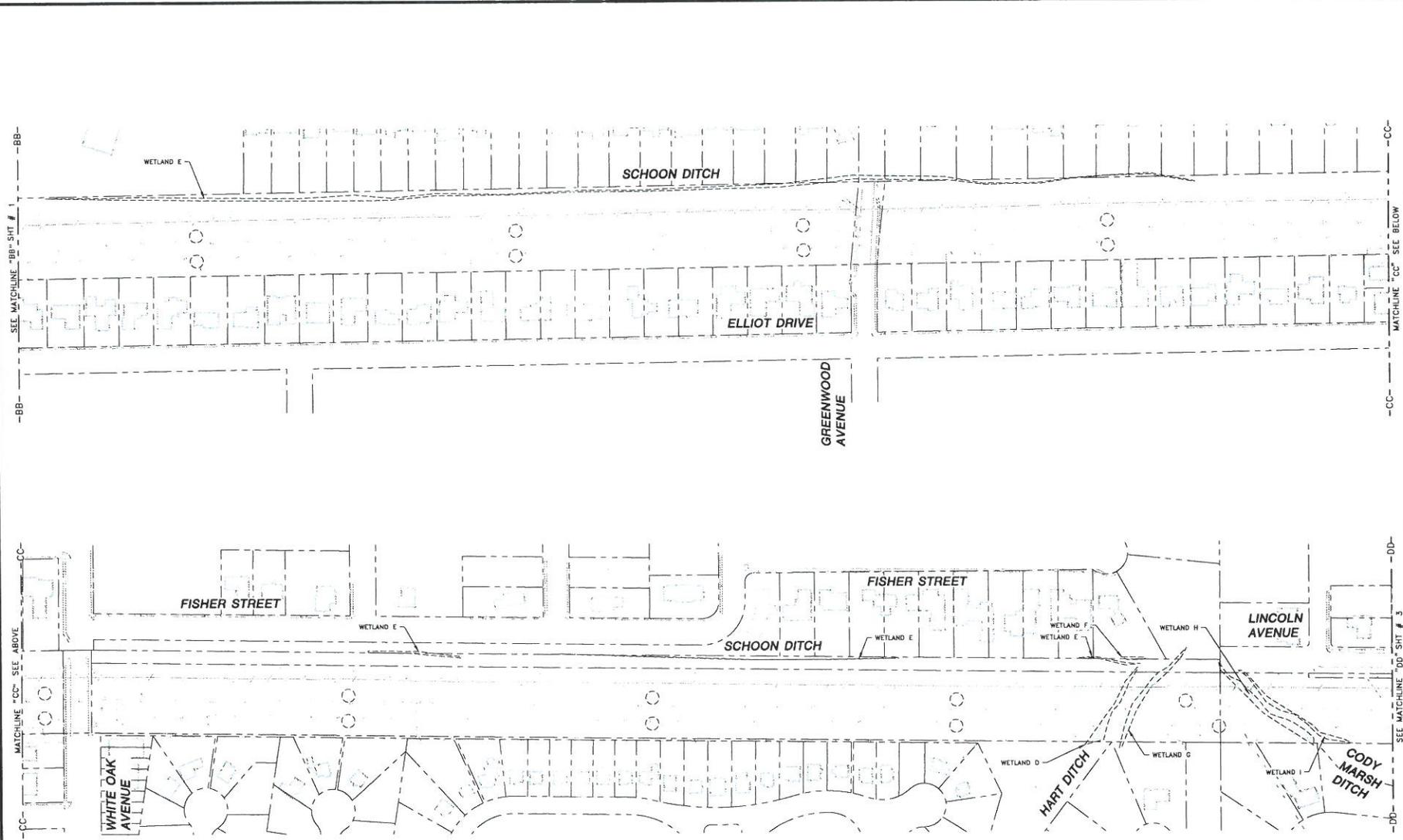


ENGR. / FABERBOCK  
 PHONE NO. 219-707-4699  
 CELL NO. 219-283-8718  
 PAGER NO.

DRAWN BY: DTON  
 DATE: 12-01-15  
 TOWNSHIP: MUNSTER/HIGHLAND  
 COUNTY: LAKE

SCALE: 1"=100'  
 RET. V.O. NO. 70114-913  
 WORK ORDER NO.  
 40114-913

24" WETLAND DISTURBANCE EXHIBIT  
 LOCATION: MUNSTER/HIGHLAND, INDIANA  
 DESCRIPTION: INSTALLATION OF 24" PIPELINE FROM STATELINE TO HIGHLAND JUNCTION  
 FILE NAME: C:\WORKING\15\150000.DWG  
 DATE: 12-01-15  
 SHEET: 2

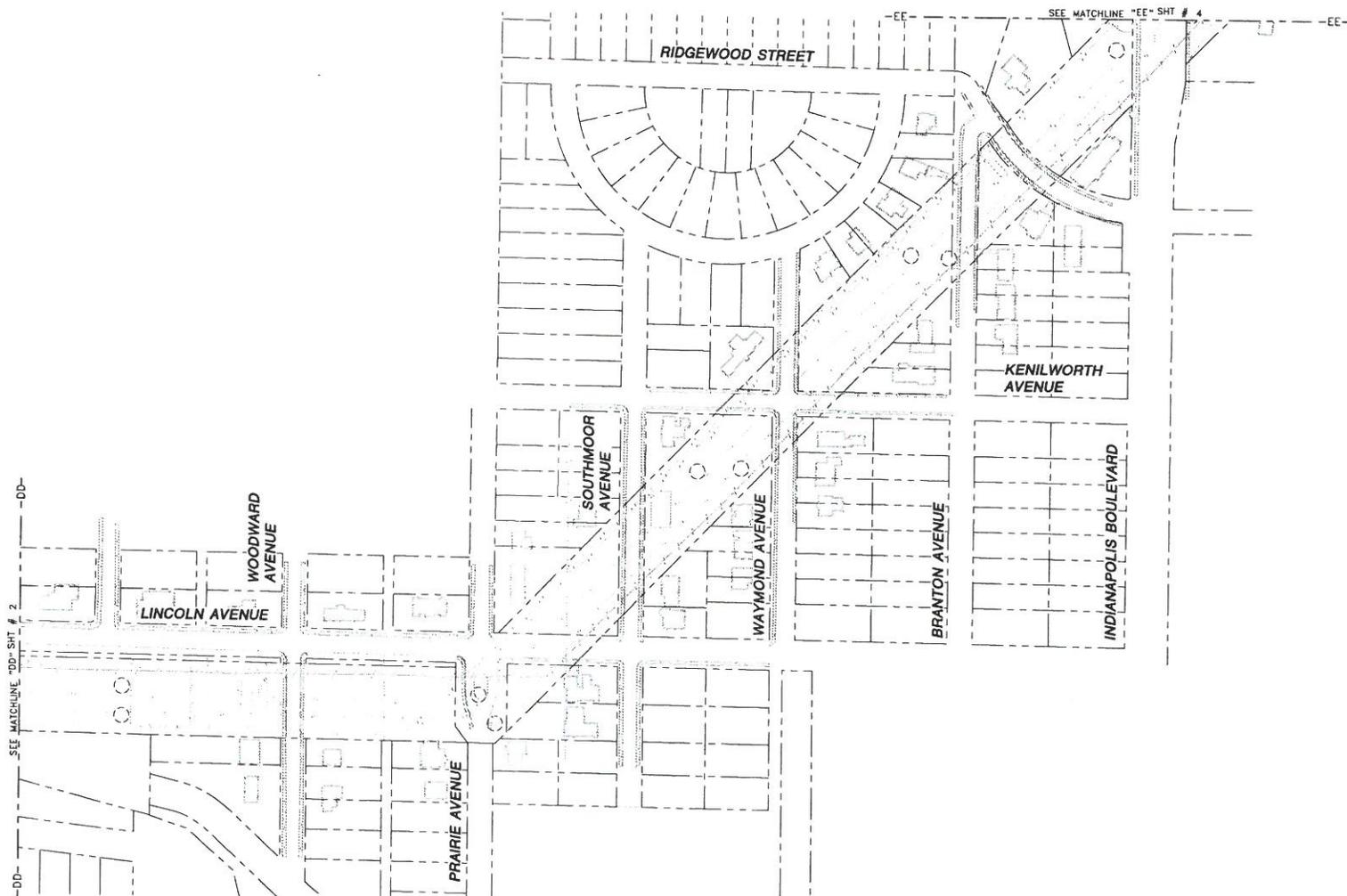


**LEGEND**

EXISTING GAS PIPE		PROPOSED 24" PIPELINE (OPEN CUT)	
EXISTING GAS PIPE TO BE RETIRED		PROPOSED 24" PIPELINE (HORIZONTAL DIRECTIONAL DRILL)	
FOREIGN PIPELINE			
WETLAND IMPACT PERMANENT			
WETLAND IMPACT TEMPORARY			

**PRELIMINARY  
 BID SET  
 12-01-15**





**LEGEND**

EXISTING GAS PIPE		PROPOSED 24" PIPELINE (OPEN CUT)	
EXISTING GAS PIPE TO BE RETIRED		PROPOSED 24" PIPELINE (HORIZONTAL DIRECTIONAL DRILL)	
FOREIGN PIPELINE			
WETLAND IMPACT PERMANENT			
WETLAND IMPACT TEMPORARY			

**PRELIMINARY  
BID SET  
12-01-15**

**ENEngineering**  
28100 TORCH PARKWAY, STE. 400  
WINDERSVILLE, IN 46385  
TEL: 830-352-6000  
FAX: 830-352-7777  
WWW.ENENGINEERING.COM



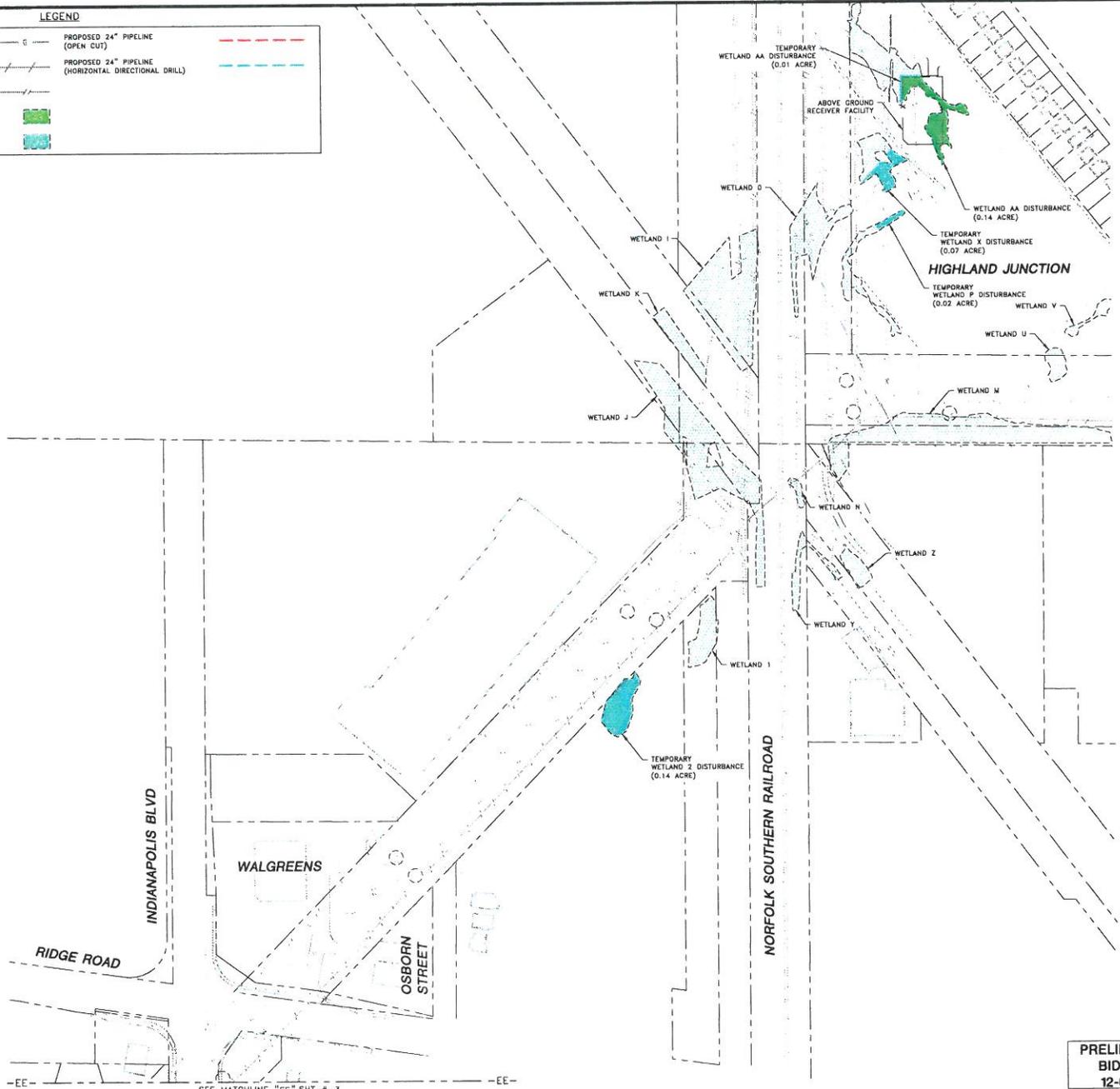
**NIPSCO**

ENGR. FAGERBOOK PHONE NO. 219-707-4688 CELL NO. 219-263-8718 PAGER NO.	DRAWN BY: ETON DATE: 12-01-15 TOWN/SHIP: MUNSTER/HIGHLAND COUNTY: LAKE	LOCATION: MUNSTER/HIGHLAND, INDIANA DESCRIPTION: INSTALLATION OF 24" PIPELINE FROM STATELINE TO HIGHLAND JUNCTION	TANKING UNIT: M2/A29 ENE #: 140500.29 FILENAME:
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SCALE: 1" = 100'  
 RET. V. 8: 70114-913  
 WORK ORDER NO.  
**40114-913**  
 SHEET: 3

**LEGEND**

EXISTING GAS PIPE	PROPOSED 24" PIPELINE (OPEN CUT)	PROPOSED 24" PIPELINE (HORIZONTAL DIRECTIONAL DRILL)
EXISTING GAS PIPE TO BE RETIRED	FOREIGN PIPELINE	WETLAND IMPACT PERMANENT
FOREIGN PIPELINE	WETLAND IMPACT TEMPORARY	



SEE MATCHLINE "EE" SHT # 3

**PRELIMINARY  
BID SET  
12-01-15**

**ENEngineering**  
28100 TORCH PARKWAY, STE. 400  
WARRICKVILLE, IN 46555  
TEL. 830-333-4000  
FAX 830-333-1777  
WWW.ENENGINEERING.COM

<b>ENGINEER</b> FAERBEROCK	PHONE NO. 219-707-4089	DATE: 12-01-15	DRAWN BY DADON
	FCELL NO. 219-293-8718	TOWNSHIP MUNSTER/HIGHLAND	
	PAGER NO.	COUNTY LAKE	
<b>24" WETLAND DISTURBANCE EXHIBIT</b> LOCATION: MUNSTER/HIGHLAND, INDIANA DESCRIPTION: INSTALLATION OF 24" PIPELINE FROM STATELINE TO HIGHLAND JUNCTION		SHEET NO. 140500.29 DRAWING UNIT: M24/A29	
SCALE: 1"=100'		FILE NAME	
REV. NO. 70114-913		WORK ORDER NO.	
		<b>40114-913</b>	
SHEET 4			

7-A-4  
1-20-16



INNOVATIVE IDEAS  
EXCEPTIONAL DESIGN  
UNMATCHED CLIENT SERVICE

January 6, 2016

Mr. Bill Emerson, Jr.  
Lake County Surveyor  
Office of the Lake County Surveyor  
2293 North Main Street  
Crown point, Indiana 46307

**RE:** Willowdale Subdivision Sanitary Sewer Project, Phase 2 and 3

Dear Mr. Emerson;

DLZ Indiana, LLC (DLZ) has received a copy of a Request for Payment and a Request for Payment Detail from Gough, Inc. (Gough). The current request is for the amount of \$71,183.15 with a \$12,561.75 balance in retainage. No change orders are shown on this Request for Payment. DLZ performed a limited site inspection on 01/05/2016. All eight (8) inch sewer lines, branches and lateral connections appear to have been constructed to individual homes. In addition, stormwater pollution prevention practices have been installed including silt socks and silt fencing.

DLZ recommends payment be considered to Gough for the amount of \$71,183.15 as requested. A current payment and retainage summary table is provided below.

Item	Amount
Total Work Amount Completed to Date	\$494,857.95
Retainage (15%)	-\$74,228.69
<b>Total Completed less Retainage</b>	<b>\$420,629.26</b>
Payment #1	\$86,427.99
Payment #2	\$128,708.03
Payment #3	\$134,311.38
Payment #4	\$71,183.15
<b>Total Requests for Payment</b>	<b>\$420,630.55</b>
Original Contract Amount	\$542,831.80
Approved Change Orders	\$0.00
<b>Total Contract Amount (Original Contract + Change Orders)</b>	<b>\$542,831.80</b>
<b>Total Remaining to Bill (Total Contract - Payments)</b>	<b>\$122,201.25</b>
<b>Total Remaining Less Retainage</b>	<b>\$47,972.52</b>

Sincerely,

Frank D. Stewart, P.E.  
Civil Engineer

**CC:** File

**LAKE COUNTY DRAINAGE BOARD**

**APPROVED THIS 20<sup>th</sup> DAY OF Jan. 2016**

REQUEST FOR PAYMENT

From: GOUGH  
2200 E 88TH DR  
MERRILLVILLE, IN 46410

To: Lake County Drainage Board  
2293 North Main St  
Crown Point, IN 46307

Invoice: 734004  
Draw: 4  
Invoice date: 1/14/2016  
Period ending date: 12/31/2015

Contract For:

Request for payment:

Original contract amount	\$542,831.80	
Approved changes	\$0.00	
Revised contract amount		\$542,831.80
Contract completed to date		\$494,857.95
Add-ons to date	\$0.00	
Taxes to date	\$0.00	
Less retainage	\$74,228.73	
Total completed less retainage		\$420,629.22
Less previous requests	\$349,446.07	
Current request for payment		\$71,183.15
Current billing		\$83,744.90
Current additional charges	\$0.00	
Current tax	\$0.00	
Less current retainage	\$12,561.75	
Current amount due		\$71,183.15
Remaining contract to bill	\$122,202.58	

Project: 01-734-1  
Willowdale Sanitary Ph II&III

Contract date: 8/19/2015

Architect:

Scope:

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Changes approved in previous months by Owner		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

I hereby certify that the work performed and the materials supplied to date, as shown on the above represent the actual value of the accomplishment under the terms of the Contract (and all authorized changes thereof) between the undersigned and the Lake County Drainage Board relating to the above referenced project. I also certify that the contractor has paid all amounts previously billed and paid by the owner.

CONTRACTOR: GOUGH

By: [Signature]  
Date: 1/14/16

State Of Indiana

County Of Lake

Subscribed and sworn to before me this 14<sup>th</sup> day of January 2016

Notary Public Cindy Taylor  
My commission expires: 4-2-16



REQUEST FOR PA UENT DETAIL

Project: 01-734-1 / Willowdale Sanitary Ph II&III

Invoice: 734004

Draw: 4

Period Ending Date: 12/31/2015

Detail Page 2 of 3 Pages

Item ID	Description	Unit of Measure	CONTRACTED			CURRENT		TOTAL TO DATE		Units to Finish
			Bid Quantity	Unit Price	Amount	Quantity	Amount	Quantity	Amount	
02-0000	PHASE II				0.00					
02-0001	Mobilization/Demobilization	LS	1.00	6,640.00	6,640.00	0.15	996.00	0.91	6,028.50	0.09
02-0002	Construction Engineering	LS	1.00	7,025.00	7,025.00			1.00	7,025.00	
02-0003	Maintaining Traffic	LS	1.00	2,120.00	2,120.00			1.00	2,120.00	
02-0004	Temporary Erosion & Sediment	LS	1.00	1,900.00	1,900.00			1.00	1,900.00	
02-0005	Site Clearing and Restoration	LS	1.00	22,105.00	22,105.00	0.25	5,526.25	0.75	16,578.75	0.25
02-0006	Compacted Agg#53 Top of Trench	TON	820.00	16.00	13,120.00			820.00	13,120.00	
02-0007	Sanitary Lateral - Intercept	LF	2,995.00	26.90	80,565.50	1,598.00	42,986.20	2,598.00	69,886.20	397.00
02-0008	Sanitary Lateral - Plug	LF	20.00	130.00	2,600.00			20.00	2,600.00	
02-0009	Sanitary Manhole Type A	EA	5.00	2,595.00	12,975.00			5.00	12,975.00	
02-0010	Sanitary Sewer - 8in SDR21	LF	1,266.00	70.15	88,809.90			1,266.00	88,809.90	
02-0011	Tree Removal	EA	1.00	850.00	850.00			1.00	850.00	
02-0012	Fence Removal-Reinstall	LF	89.00	60.00	5,340.00			45.00	2,700.00	44.00
02-0013	Sanitary Sewer Tap Fee	EA	27.00	2,650.00	71,550.00			27.00	71,550.00	
02-0014	Septic Tank Abandonment	EA	27.00	650.00	17,550.00	23.00	14,950.00	23.00	14,950.00	4.00
03-0000	Phase III				0.00					
03-0001	Mobilization/Demobilization	LS	1.00	7,670.00	7,670.00	0.15	1,150.50	0.90	6,903.00	0.10
03-0002	Construction Engineering	LS	1.00	6,350.00	6,350.00			1.00	6,350.00	
03-0003	Maintaining Traffic	LS	1.00	2,120.00	2,120.00			1.00	2,120.00	
03-0004	Temporary Erosion & Sediment	LS	1.00	2,375.00	2,375.00			1.00	2,375.00	
03-0005	Site Clearing & Restoration	LS	1.00	11,685.00	11,685.00	0.25	2,921.25	0.75	8,763.75	0.25
03-0006	Asphalt Pavement Patching	SYS	16.00	265.00	4,240.00			16.00	4,240.00	
03-0007	Compacted Agg#53 Top of Trench	TON	410.00	21.90	8,979.00			410.00	8,979.00	
03-0008	Driveway Remove & Replace	SYS	22.00	80.00	1,760.00	11.00	880.00	22.00	1,760.00	
03-0009	Watermain- Vertical Adjustment	EA	1.00	4,315.00	4,315.00			1.00	4,315.00	
03-0010	Mail Box Remove & Reset	EA	1.00	170.00	170.00			1.00	170.00	
03-0011	Sanitary Lateral - Intercept	LF	1,027.00	26.35	27,061.45	322.00	8,484.70	922.00	24,294.70	105.00
03-0012	Sanitary Lateral - Plug	LF	21.00	130.00	2,730.00			21.00	2,730.00	
03-0013	Sanitary Manhole Type A	EA	6.00	2,590.00	15,540.00			6.00	15,540.00	
03-0014	Sanitary Drop Manhole	EA	1.00	4,770.00	4,770.00			1.00	4,770.00	
03-0015	Sanitary Sewer - 8in SDR35	LF	227.00	85.25	19,351.75			227.00	19,351.75	
03-0016	Sanitary Sewer - 8in SDR21	LF	687.00	66.60	45,754.20			464.00	30,902.40	223.00
03-0017	Sanitary 8in- Connect To Exist	EA	1.00	1,700.00	1,700.00			1.00	1,700.00	

REQUEST FOR PA...ENT DETAIL

Project: 01-734-1 / Willowdale Sanitary Ph II&III

Invoice: 734004

Draw: 4

Period Ending Date: 12/31/2015

Detail Page 3 of 3 Pages

Item ID	Description	Unit of Measure	CONTRACTED			CURRENT		TOTAL TO DATE		Units to Finish
			Bid Quantity	Unit Price	Amount	Quantity	Amount	Quantity	Amount	
03-0018	Concrete Pipe Saddle	EA	1.00	1,050.00	1,050.00			1.00	1,050.00	
03-0019	Curb & Gutter - Rem & Replace	LF	16.00	75.00	1,200.00			16.00	1,200.00	
03-0020	Fence - Remove & Replace	LF	131.00	60.00	7,860.00			65.00	3,900.00	66.00
03-0021	Sanitary Sewer Tap Fee	EA	10.00	2,650.00	26,500.00			10.00	26,500.00	
03-0022	Septic Tank Abandonment	EA	10.00	650.00	6,500.00	9.00	5,850.00	9.00	5,850.00	1.00

Totals				542,831.80		83,744.90		494,857.95	
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# Partial Waiver of Lien

STATE OF INDIANA, as:

Whereas, the undersigned GOUGH, INC has been heretofore employed  
by Lake County Surveyor to furnish certain material and labor,  
to-wit: Willowdale Sanitary Sewer

for the building owned by Lake County Government Center and located on  
Noble St & Jennings Pl, at Crown Point, IN  
City of Crown Point County of Lake, State of Indiana.

NOW THEREFORE, KNOW YE, That the undersigned, for and in consideration of \$71,183.15\*\*\*\*\*  
\*\*\*\*\* Dollars, the receipt of which is hereby acknowledged, hereby and now  
waives and releases unto the said owner of said premises, any and all lien, right of lien or claim of whatsoever kind  
of character on the above-described building and real estate, TO AND FOR SAID AMOUNT, on account of any and all  
labor material, or both, furnished for or incorporated into said building by the undersigned, up to this date, and  
further certify that the consideration moving to the undersigned for executing this **PARTIAL WAIVER OF**  
**LIEN** has been mutually given and accepted as a part payment to or on account of the said COMPANY  
for said building and real estate.

Signed, sealed and delivered this 14<sup>th</sup> day of January, 20 16

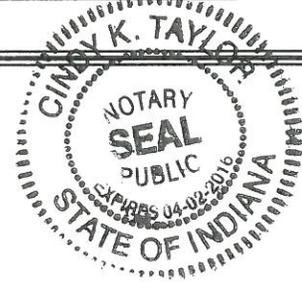
Signed  
JOHN REDMOND, AUTHORIZED AGENT

Personally appeared before me this 14<sup>th</sup> day of January, 20 16  
JOHN REDMOND who, being duly sworn on oath, says: That he  
is AUTHORIZED AGENT Of the GOUGH, INC. and that he hereby  
acknowledges the execution of the foregoing instrument for and on behalf of said COMPANY

and at THEIR special instance and request.

My Commission Expires 4-2-16  
Cindy Taylor Notary Public  
Resident of Porter County

This instrument prepared by: JOHN REDMOND



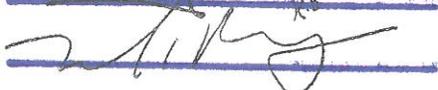
1-A-5  
1-20-16  
HAND OUT

# Invoice

Lake County Soil and Water Conservation District  
880 East 99th Court, Suite A  
Crown Point, IN 46307-7893  
219-663-7042

<b>To: Lake County Surveyor's Office</b> 2293 North Main Street Crown Point, IN 46307	<b>1/19/2016</b>
<b>For: MS4 Water Quality Program</b>	
Description	Amount
<b>2014 Agricultural Cover Crop Cost Share Program</b> \$20 per acre on a maximum of 50 acres, \$1,000 cap/year	
Huseman Farm, Lowell 50 acres	<b>\$1,000.00</b>
Keith Kleine, Cedar Lake 50 acres	<b>\$1,000.00</b>
Paul Kleine Farm, Cedar Lake 50 acres	<b>\$1,000.00</b>
Bob Kleine Farm, Cedar Lake 50 acres	<b>\$1,000.00</b>
Joseph Little, Hebron 50 acres	<b>\$1,000.00</b>
Seth Little, Hebron 50 acres	<b>\$1,000.00</b>
James Phillips, Lowell 50 acres	<b>\$1,000.00</b>
Kevin Reichert, Lowell 50 acres	<b>\$1,000.00</b>
Dan Sutton, Lowell 50 acres	<b>\$1,000.00</b>
Alan Wietbrock, Lowell 50 acres	<b>\$1,000.00</b>
Brian Wietbrock, Lowell 50 acres	<b>\$1,000.00</b>
Craig Wietbrock, Lowell 50 acres	<b>\$1,000.00</b>
<b>Total Due:</b>	<b>\$12,000.00</b>

LAKE COUNTY DRAINAGE BOARD

APPROVED THIS 20 DAY OF Jan 2016

7-B-1  
1-20-16

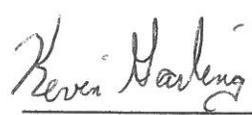
2016

**Public Education/Public Participation and Outreach Agreement Between  
The Lake County Drainage Board/Lake County Surveyor's Office/MS4  
Stormwater Quality Department and the Lake County Soil and Water  
Conservation District**

By this Agreement, the Lake County Soil and Water Conservation District agrees to Provide Public Education and Public Participation services to the Lake County Surveyor's Office for the MS4 Water Quality Program for calendar year 2016.

Compensation for the services will be Five Thousand Dollars and 00/100ths (\$5000.00), Payable to the Lake County Soil and Water District in the first quarter of calendar year 2016, By the submission of a claim to the Surveyor's Office.

The services to be provided are attached to this agreement, as Attachment A- "Scope of Services"

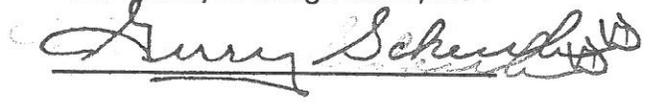


Kevin Garling, SWCD Chairman

Accepted: 1-14-16

Accepted and Approved this 20th day of January, 2016.

Lake County Drainage Board/MS4



Gerry Scheub

 KB.

Roosevelt Allen, Jr.

\_\_\_\_\_

Michael C. Repay

\_\_\_\_\_

Bill Emerson, Jr. Lake County Surveyor

## Attachment A

### SCOPE OF SERVICES for PUBLIC EDUCATION and OUTREACH

Annual services to be provided by Lake County Soil & Water Conservation District (SWCD) include, but are not limited to:

- To present Stormwater Programs and related programs in the classrooms within the community school district.
- To develop additional stormwater classroom programs that can be added to the existing list of hour-long programs currently offered by SWCD.
- To present and provide stormwater related programs to 4-H members/clubs, scouts, environmental clubs in the community.
- To present stormwater related programs and distribute stormwater materials at the County Ag Awareness Day held at the Lake County Fairgrounds targeted for 3<sup>rd</sup> graders in the county.
- To develop news articles containing related stormwater program articles to communities for their newsletters.
- To promote workshops for related stormwater trainings.
- To promote workshops for volunteer stream monitoring.
- To promote the use rain barrels to the local residents.
- To organize a rain garden demonstration project within the community that involves volunteers.
- To present and distribute stormwater-related materials and information to the public at the Lake County Fair.
- To assist in local clean-up events in your community that involves local residents and the enhancement of a waterway, detention pond or wetland.
- To promote and distribute schedules for Lake County Household Hazardous Waste Collection events.
- To attend select community Stormwater Board & Northwest Indiana Stormwater Advisory Group (NISWAG) meetings as needed to provide updates on applicable SWCD MCM 1 implementation activities.
- To coordinate Rule 13 Coordinator as needed to ensure that activities are eligible for local MS4 compliance.
- Interact with and assist community staff, as needed.
- Document all activities for Rule 13 annual reports. Information provided to communities includes but is not limited to:
  - Number of students, program and date visited for each school
  - Amount and type of MS4 outreach materials distributed
  - Description of stormwater-related classroom programs
  - Number and description of educational events that involved the community residents.

7-13-2 1-20-16



**4th Annual  
Lake County Contractor's Workshop  
For Stormwater Pollution Prevention  
Wednesday, March 30, 2016 - 8:00 a.m. until 12:00 p.m.**

**Location: Lake County Fairgrounds - 4H Building - Registration 7:30 a.m.**

*All Workshop Attendees will Receive:*

Handouts of all presentations.  
Forms & Guides to assist with MS4 compliance on Construction Sites.

No cost to attend. RSVP Lake County Surveyor's Office:  
[myresct@lakecountyin.org](mailto:myresct@lakecountyin.org) (219) 755-3753

*Sponsored By:*  
Office of the Lake County Surveyor  
Bill Emerson, Jr.  
**MS4 - Stormwater  
Department**

PLANNING ASSISTANCE TO STATES AGREEMENT  
BETWEEN  
THE DEPARTMENT OF THE ARMY  
AND  
THE LAKE COUNTY, INDIANA, BOARD OF COMMISSIONERS  
FOR THE SANITARY/ SEPTIC INFRASTRUCTURE MASTER PLAN STUDY

THIS AGREEMENT is entered into this \_\_\_\_\_ day, of \_\_\_\_\_, 20\_\_\_, by and between the Department of the Army (hereinafter the "Government"), represented by the District Engineer executing this Agreement, and the Lake County, Indiana, Board of Commissioners (hereinafter the "Non-Federal Non-Federal Sponsor"), represented by its President, executing the Agreement.

WITNESSETH, that

WHEREAS, Section 22 of the Water Resources Development Act ("WRDA") of 1974 (Public Law 93-251), as amended, authorizes the Secretary of the Army, acting through the Chief of Engineers, to assist the States, as therein defined, in the preparation of comprehensive plans for the development, utilization and conservation of water and related resources of drainage basins, watersheds or ecosystems located within the boundaries of such State;

WHEREAS, section 319 of the WRDA of 1990 (Public Law 101-640) authorizes the Secretary of the Army to collect fees from States and other non-Federal governmental entities for the purpose of recovering 50 percent of the cost of the program established by WRDA of 1974, Section 22;

WHEREAS, the Non-Federal Sponsor has reviewed the State's comprehensive water plans and identified the need for planning assistance as described in the Scope of Work;

WHEREAS, the Non-Federal Sponsor has the authority and capability to furnish the cooperation hereinafter set forth and is willing to participate in the study cost-sharing and financing in accordance with the terms of this Agreement; and

WHEREAS, the Non-Federal Sponsor may provide up to 100 percent of its required contribution of Study Costs by the provision of services, materials, supplies, or other in-kind services.

NOW THEREFORE, the parties agree as follows:

ARTICLE I - DEFINITIONS

For the purposes of this Agreement:

A. The term "Study Costs" shall mean all disbursements by the Government pursuant to this Agreement, from Federal appropriations or from funds made available to the Government by the Non-Federal Sponsor and all negotiated costs of work performed by the Non-Federal Sponsor pursuant to this Agreement. Study Costs shall include, but not be limited to: labor charges; direct costs; overhead expenses; supervision and administration costs; the costs of participation in Study Management and Coordination in accordance with Article IV of this Agreement; the costs of contracts with third parties, including termination or suspension charges; and any termination or suspension costs (ordinarily defined as those costs necessary to terminate ongoing contracts or obligations and to properly safeguard the work already accomplished) associated with this Agreement.

B. The term "estimated Study Costs" shall mean the estimated cost of performing the Study as of the effective date of this Agreement, as specified in Article III.A. of this Agreement.

C. The term "study period" shall mean the time period for conducting the Study, commencing with the release to the U.S. Army Corps of Engineers, Chicago District, of initial Federal funds following the execution of this Agreement and ending when the Chicago District provides the planning report to the Non-Federal Sponsor.

D. The term "Scope of Work" (SOW) means a description of the work to be performed. The SOW will not be considered binding on either party and is subject to change by the Government, in consultation with the Non-Federal Sponsor.

E. The term "fiscal year" shall mean one fiscal year of the Government. The Government fiscal year begins on October 1 and ends on September 30.

F. The term "negotiated costs" shall mean the costs of in-kind services to be provided by the Non-Federal Sponsor in accordance with the SOW.

## ARTICLE II - OBLIGATIONS OF PARTIES

A. The Government, subject to receiving funds appropriated by the Congress of the United States (Congress), using funds and in-kind services provided by the Non-Federal Sponsor and funds appropriated by the Congress, shall expeditiously prosecute and complete the Study, in accordance with the provisions of this Agreement and Federal laws, regulations, and policies.

B. In accordance with this Article and Article III.A., III.B., and III.C. of this Agreement, the Non-Federal Sponsor shall contribute cash and in-kind services equal to fifty (50) percent of Study Costs. If agreeable to all parties, in-kind services may comprise up to 100 percent of the Non-Federal Sponsor's contributions. The in-kind services to be provided by the Non-Federal Sponsor, the estimated negotiated costs for those services, and the estimated schedule under which those services are to be provided are specified in the Scope of Work. Negotiated costs shall be subject to an audit by the Government to determine reasonableness, allocability, and allowability.

C. The Non-Federal Sponsor understands that the schedule of work may require the Non-Federal Sponsor to provide cash or in-kind services at a rate that may result in the Non-Federal Sponsor temporarily diverging from the obligations concerning cash

and in-kind services specified in paragraph B. of the Article. Such temporary divergences shall be identified in the quarterly reports provided for in Article III.A. of this Agreement and shall not alter the obligations concerning costs and services specified in paragraph B. of the Article or the obligations concerning payment specified in Article III of this Agreement.

D. No Federal funds may be used to meet the Non-Federal Sponsor's share of Study Costs under this Agreement unless the Federal agency providing the funds verifies in writing that the funds are authorized to be used to carry out the Study.

E. The award and management of any contract with a third party in furtherance of this Agreement which obligates Federal appropriations shall be exclusively within the control of the Government. The award and management of any contract by the Non-Federal Sponsor with a third party in furtherance of the Agreement which obligates funds of the Non-Federal Sponsor and does not obligate Federal appropriations shall be exclusively within the control of the Non-Federal Sponsor, but shall be subject to applicable Federal laws and regulations.

F. Notwithstanding any provision of this Agreement, this Agreement and the Government's obligations hereunder shall not be effective and will not commence until Federal funds have been appropriated and allocated to the District Engineer, U.S. Army Corps of Engineers, Chicago District, for the implementation of this study. In the event that Federal funds are allocated to the District Engineer for this study after the date that the parties hereto execute this Agreement, the effective date of this Agreement shall be the date that funding approval is provided to the District Engineer.

### ARTICLE III - METHOD OF PAYMENT

A. The Government shall maintain current records of contributions provided by the parties, current projections of Study Costs, and current projections of each party's share of Study Costs. At least quarterly, the Government shall provide the Non-Federal Sponsor a report setting forth this information. As of the effective date of this Agreement, estimated Study Costs are \$300,000 and the Non-Federal Sponsor's share of estimated Study Costs is \$150,000. In order to meet the Non-Federal Sponsor's cash payment requirements for its share of estimated Study Costs, the Non-Federal Sponsor must provide a cash contribution currently estimated to be \$150,000. The dollar amounts set forth in this Article are based upon the Government's best estimates, which reflect the scope of the study described in the SOW, projected costs, price-level changes, and anticipated inflation. Such cost estimates are subject to adjustment by the Government and are not to be construed as the total financial responsibilities of the Government and the Non-Federal Sponsor.

B. The Non-Federal Sponsor shall provide its cash contribution required under Article II.B. of this Agreement in accordance with the following provisions:

1. For purposes of budget planning, the Government shall notify the Non-Federal Sponsor by November 30 of each year of the estimated funds that will be required from the Non-Federal Sponsor to meet the Non-Federal Sponsor's share of Study Costs for the upcoming fiscal year.

2. No later than 60 calendar days prior to the scheduled date of the Government's issuance of the solicitation for the first contract for the Study or for the Government's anticipated first significant in-house expenditure for the Study, the Government shall notify the Non-Federal Sponsor in writing of the funds the Government determines to be required from the Non-Federal Sponsor to meet its required share of Study Costs for the first fiscal year of the Study. No later than 30 calendar days thereafter, the Non-Federal Sponsor shall provide the Government with the full amount of the required funds by delivering a check payable to "FAO, USAED, Chicago District" to the District Engineer or verifying to the satisfaction of the Government that the Non-Federal Sponsor has deposited the required funds in an escrow account or other account acceptable to the Government, with interest accruing to the Non-Federal Sponsor, or presenting the Government with an irrevocable letter of credit acceptable to the Government for the required funds, or providing an Electronic Funds Transfer in accordance with the procedures established by the Government.

3. For the second and subsequent fiscal years of the Study, the government shall, no later than 60 calendar days prior to the beginning of the fiscal year, notify the Non-Federal Sponsor in writing of the funds the Government determines to be required from the Non-Federal Sponsor to meet its required share of Study Costs for that fiscal year, taking into account any temporary divergences identified under Article II.D. of this Agreement. No later than 30 calendar days prior to the beginning of the fiscal year, the Non-Federal Sponsor shall make the full amount of the required funds available to the Government through any of the funding mechanisms specified in paragraph B.2. of this Article.

4. The Government shall draw from the funds provided by the Non-Federal Sponsor such sums as the Government deems necessary to cover the Non-Federal Sponsor's share of contractual and in-house fiscal obligations attributable to the Study as they are incurred.

5. In the event the Government determines that the Non-Federal Sponsor must provide additional funds to meet its share of Study Costs, the Government shall so notify the Non-Federal Sponsor in writing. No later than 60 calendar days after receipt of such notice, the Non-Federal Sponsor shall make the full amount of the additional required funds available through any of the funding mechanisms specified in paragraph B.2. of this Article.

C. Within 90 days after the conclusion of the Study Period or termination of this Agreement, the Government shall conduct a final accounting of Study Costs, including disbursements by the Government of Federal funds, cash contributions by the Non-Federal Sponsor, and credits for the negotiated costs of the Non-Federal Sponsor, and shall furnish the Non-Federal Sponsor with the results of this accounting. Within 30 days thereafter, the Government, subject to the availability of funds, shall reimburse the Non-Federal Sponsor for the excess, if any, of cash contributions and credits given over its required share of Study Costs, or the Non-Federal Sponsor shall provide the Government any cash contributions required for the Non-Federal Sponsor to meet its required share of Study Costs.

## ARTICLE IV - STUDY MANAGEMENT AND COORDINATION

To provide for consistent and effective communication, the Government's Project Manager for the Study and the Non-Federal Sponsor's designated representative shall communicate regularly until the end of the Study Period.

## ARTICLE V - DISPUTES

As a condition precedent to a party bringing any suit for breach of this Agreement, that party must first notify the other party in writing of the nature of the purported breach and seek in good faith to resolve the dispute through negotiation. If the parties cannot resolve the dispute through negotiation, they may agree to a mutually acceptable method of non-binding alternative dispute resolution with a qualified third party acceptable to both parties. The parties shall each pay 50 percent of any costs for the services provided by such a third party as such costs are incurred. Such costs shall not be included in Study Costs. The existence of a dispute shall not excuse the parties from performance pursuant to this Agreement.

## ARTICLE VI - MAINTENANCE OF RECORDS AND AUDIT

A. Within 60 days of the effective date of this Agreement, the Government and the Non-Federal Sponsor shall develop procedures for keeping books, records, documents, and other evidence pertaining to costs and expenses incurred pursuant to this Agreement. These procedures shall incorporate, and apply as appropriate, the standards for financial management systems set forth in the Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments at 32 C.F.R. Section 33.20. The Government and the Non-Federal Sponsor shall maintain such books, records, documents, and other evidence in accordance with these procedures and for a minimum of three years after the period of design and resolution of all relevant claims arising therefrom. To the extent permitted under applicable Federal laws and regulations, the Government and the Non-Federal Sponsor shall each allow the other to inspect such books, documents, records, and other evidence.

B. In accordance with 31 U.S.C. Section 7503, the Government may conduct audits in addition to any audit that the Non-Federal Sponsor is required to conduct under the Single Audit Act. Any such Government audits shall be conducted in accordance with Government Auditing Standards and the cost principles in OMB Circular No. A-87 and other applicable cost principles and regulations. The costs of Government audits shall be included in total Study Costs and cost shared in accordance with the provisions of this Agreement.

## ARTICLE VII - RELATIONSHIP OF PARTIES

The Government and the Non-Federal Sponsor act in independent capacities in the performance of their respective rights and obligations under this Agreement, and neither is to be considered the officer, agent, or employee of the other.

## ARTICLE VIII - OFFICIALS NOT TO BENEFIT

No member of or delegate to the Congress, nor any resident commissioner, shall be admitted to any share or part of this Agreement, or to any benefit that may arise therefrom.

#### ARTICLE IX - FEDERAL AND STATE LAWS

In the exercise of the Non-Federal Sponsor's rights and obligations under this Agreement, the Non-Federal Sponsor agrees to comply with all applicable Federal and State laws and regulations, including Section 601 of Title VI of the Civil Rights Act of 1964 (Public Law 88-352) and Department of Defense Directive 5500.11 issued pursuant thereto and published in 32 C.F.R. Part 195, as well as Army Regulations 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army."

#### ARTICLE X - TERMINATION OR SUSPENSION

A. This Agreement shall terminate at the conclusion of the Study Period, and neither the Government nor the Non-Federal Sponsor shall have any further obligations hereunder, except as provided in Article III.C.; provided, that prior to such time and upon 30 days written notice, either party may terminate or suspend this Agreement. In addition, the Government shall terminate this Agreement immediately upon the failure of the parties to extend the study under Article II.D. of the Agreement, or upon failure of the Non-Federal Sponsor to fulfill its obligation under Article III. of this Agreement. In the event that either party elects to terminate this Agreement, both parties shall conclude their activities relating to the Study and proceed to a final accounting in accordance with Article III.C. of this Agreement. Upon termination of this Agreement, all data and information generated as part of the Study shall be made available to both parties.

B. Any termination of this Agreement shall not relieve the parties of liability for any obligations previously incurred, including the costs of closing out or transferring any existing contracts.

#### ARTICLE XI – LIMITATION ON GOVERNMENT EXPENDITURE

In accordance with Section 22 of WRDA of 1974, as amended, Government financial participation in the cooperative preparation of comprehensive plans for development, utilization, and conservation of water and related resources pursuant to said authority shall be limited to the expenditure of not more than \$2,000,000 in any one year in any one State.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, which, subject to the provisions of Article II.G. of this Agreement, shall become effective upon the date it is signed by the District Engineer for the U.S. Army Corps of Engineers, Chicago District.

DEPARTMENT OF THE ARMY

LAKE COUNTY BOARD OF  
COMMISSIONERS

BY: \_\_\_\_\_  
Christopher T. Drew  
Colonel, U.S. Army  
District Engineer  
Chicago District

BY: \_\_\_\_\_  
Gerry Scheub  
President

CERTIFICATE OF AUTHORITY

I, John Dull, do hereby certify that I am the principal legal officer of the Lake County Board of Commissioners, and that the Lake County Board of Commissioners is a legally constituted public body with full authority and legal capability to perform the terms of the Agreement between the Department of the Army and the Lake County Board of Commissioners in connection with the Sanitary/Septic Infrastructure Master Plan Study, and that the person who has executed this Agreement on behalf of the Lake County Board of Commissioners has acted within his/her statutory authority.

IN WITNESS WHEREOF, I have made and executed this certification this \_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_.

Signature: \_\_\_\_\_

John Dull  
County Commissioner Attorney

8-A  
1-20-16

BUDGET RECONCILIATION – 2015  
LITTLE CALUMET RIVER WATERSHED  
FUND NOS. 790-2600 & 012-2900

LAKE COUNTY COUNCIL TOTAL APPROPRIATION (BOTH WATERSHEDS)	\$1,200,000.00
LITTLE CALUMET RIVER WATERSHED (COUNTY COUNCIL)	\$ 674,568.58
<b>LITTLE CALUMET RIVER ENGINEERING Fund 790</b>	<b>\$ 61,324.35</b>
LITTLE CALUMET RIVER CONSTRUCTION (Fund 012 \$505,933.57 + Fund 790 \$107,310.65)	\$ 613,244.22

**FUND NO. 012-2900-44520**

Contract 2013-LC-1 Hart Ditch Calumet Ave. to 213 <sup>th</sup> (Change Order #1) DELTA III	\$ 2,870.00
Contract 2013-LC-4 Hart Ditch Stabilization (Change Order #1) DELTA III	\$ 503,063.57
Contract 2015-LC-3 Main Beaver Dam Ditch Maintenance East of Blaine Street DELTA III	\$ 1,150.00
Hartsdale Pond Pump Delivery and Installation- <u>FLOW-TECHNICS, INC.</u>	\$ 501,913.57
Contract 2013-LC-4 Hart Ditch Stabilization (Change Order #2) DELTA III	\$ 69,505.00
Emergency Spring Street North of 45 <sup>th</sup> Culvert Replacement \$22,470.00 DELTA III	\$ 432,408.57
Contract 2015-LC-4 Cady Marsh Ditch—Highland KDM SERVICES	\$ 900.00
Schererville Ditch "Materials Only" ST. REGIS CULVERT, INC	\$ 431,508.57
Contract 2015-LC-6 Cady Marsh Ditch-Griffith DELTA III	\$ 3,750.00
[2015=012 \$6,403.32]+790=\$26,525.67 + 2016=\$25,192.01 TOTAL: \$58,121.00	\$ 427,758.57
	\$ 22,470.00
	\$ 405,288.57
	\$ 397,826.25
	\$ 7,462.32
	\$ 1,059.00
	\$ 6,403.32
	\$ - 0 -

**FUND NO. 012-2900-43160**

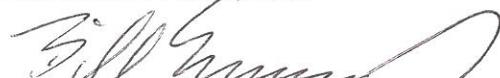
<b>LITTLE CALUMET RIVER ENGINEERING</b>	\$ 56,000.00
Contract 2015-Eng-LC-1 Amendment	\$ 56,000.00
	\$ - 0 -

**FUND NO. 790-2600-44520**

Emergency Kaiser Ditch (Change Order #1) GARIUP CONSTRUCTION	\$ 107,310.65
Emergency Spring Street North of 45 <sup>th</sup> Culvert Replacement Change Order #1 \$17,520.00 DELTA III	\$ 2,163.22
Hart Ditch (State Line to US 30) Soil Boring Testing for Bank Stabilization-K&S SOIL TESTING	\$ 105,147.43
Johnson Ditch Culvert Replacement (Oak Ridge Prairie) "Materials Only"-GRIMMER CONSTRUCTION	\$ 17,520.00
Beaver Relocator (Turkey Creek & Sprout Ditch) 4 Beavers @ \$200. Ea.-LARSON	\$ 87,627.43
Emergency Cady Marsh Ditch at Grant Street Culvert Repair – DELTA III	\$ 9,800.00
Cady Marsh Ditch "Materials Only" ST. REGIS CULVERT, INC.	\$ 77,827.43
Beaver Relocator (Sprout Ditch, Spring & Griesel) 5 Beavers @ \$200. Ea.-LARSON	\$ 17,000.00
Contract 2015-LC-6 Cady Marsh Ditch-Griffith DELTA III	\$ 60,827.43
[2015=012 \$6,403.32+790=\$26,525.67 + 2016=\$25,192.01 TOTAL: \$58,121.00	\$ 800.00
	\$ 60,027.43
	\$ 28,500.00
	\$ 31,527.43
	\$ 4,001.76
	\$ 27,525.67
	\$ 1,000.00
	\$ 26,525.67
	\$ - 0 -

Approved this 20<sup>th</sup> day of January 2016

LAKE COUNTY SURVEYOR

  
Bill Emerson Jr.

  
Mary Ellen Kupsik, Drainage Board Secretary

LAKE COUNTY DRAINAGE BOARD

  
Gerry Scheub, Chairman

  
Michael C. Repay, Member

**BUDGET RECONCILIATION- 2015  
KANKAKEE RIVER WATERSHED  
FUND NOS. 790-2600 & 012-2900**

8-B  
1-20-16

<b>LAKE COUNTY COUNCIL TOTAL APPROPRIATION (BOTH WATERSHEDS)</b>	<b>\$1,200,000.00</b>
KANKAKEE RIVER WATERSHED (COUNTY COUNCIL)	\$ 525,431.42
<b>KANKAKEE RIVER ENGINEERING Fund 790</b>	<b>\$ 47,766.45</b>
KANKAKEE RIVER CONSTRUCTION (Fund 012 \$394,066.43 + Fund 790 \$83,598.55)	\$ 477,664.97

<b><u>FUND NO. 012-2900-44530</u></b>	<b>\$ 394,066.43</b>
Contract 2014-K-3 Ernie Niemeyer Levee Culvert Installation (Change Order #1) <u>R.A. OROS</u>	<u>\$ 6,262.00</u>
Ernie Niemeyer Creek & Levee Annual Maintenance (Authorization 2-18-15) <u>WUNDERINK RIVERSIDE FARMS</u>	<u>\$ 12,000.00</u>
Contract 2014-K-3 Ernie Niemeyer Phase III (2014=\$167,0097.20+2015=\$7,242.80) <u>DELTA III</u>	<u>\$ 7,242.80</u>
Contract 2015-K-3 Stony Run Ditch West Branch Structure Removal <u>DELTA III</u>	<u>\$ 14,780.00</u>
Cedar Creek Emergency Bank Stabilization (Authorization 8-14-15) Emergency- <u>BROOKER CONTRACTING</u>	<u>\$ 46,556.00</u>
Contract 2015-K-4 Singleton Ditch Maintenance Phase II – R.A. OROS	<u>\$ 165,747.25</u>
Contract 2015-K-5 Ernie Niemeyer Levee & Ditch Mtce. Phase IV – R.A. OROS [2015=\$141,478.38 (012) + \$81,618.55 (790) + 2016=\$75,523.07 (790) TOTAL: \$298,620.00	<u>\$ 141,478.38</u>
	- 0 -

<b><u>FUND NO. 012-2900-43165</u></b>	<b>\$ 44,000.00</b>
<b>KANKAKEE RIVER ENGINEERING</b>	<b>\$ 44,000.00</b>
Contract 2015-Eng-K-1 Amendment	- 0 -

<b><u>FUND NO. 790-2600-44530</u></b>	<b>\$ 83,598.55</b>
Beaver Relocator – LARSON 4 Beavers @ \$200/ea. <u>ERNIE NIEMEYER</u>	<u>\$ 800.00</u>
Beaver Relocator – LARSON 2 Beavers @ \$200/ea. <u>GREASAL &amp; VAN KEPPEL</u>	<u>\$ 400.00</u>
Singleton Stabilization Repair (Authorization 7-15-15) Emergency – <u>WUNDERINK RIVERSIDE FARMS</u>	<u>\$ 780.00</u>
Contract 2015-K-5 Ernie Niemeyer Levee & Ditch Mtce. Phase IV – R.A. OROS [2015=\$141,478.38 (012) + \$81,618.55 (790) + 2016=\$75,523.07 (790) TOTAL: \$298,620.00	<u>\$ 81,618.55</u>
	- 0 -

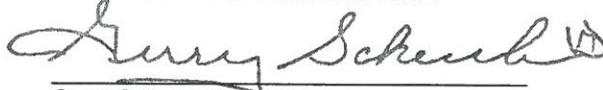
Approved this 20<sup>th</sup> day of **January 2016**

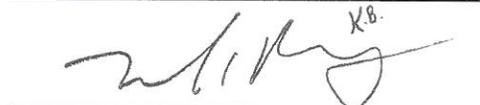
LAKE COUNTY SURVEYOR

  
\_\_\_\_\_  
Bill Emerson Jr.

  
\_\_\_\_\_  
Mary Ellen Kupsik, Drainage Board Secretary

LAKE COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
Gerry Scheub, Chairman

  
\_\_\_\_\_  
Michael C. Repay, Member

**POTENTIAL BIDDERS**  
**2016 TURKEY CREEK LATERAL NO. 3 – CULVERT IMPROVEMENTS**  
**SCHERWOOD GOLF COURSE, SCHERERVILLE, ST JOHN TWP.**

Delta III  
2063 W. 1250 S  
Hanna, IN 46340 \$ \_\_\_\_\_

Ellas Construction Company, Inc  
3810 E 7<sup>th</sup> Avenue  
Gary, IN. 46403 \$ \_\_\_\_\_

Gariup Construction Co. Inc.  
3965 Harrison Street  
Gary, IN 46401 \$ 94,800.<sup>00</sup>

G.E. Marshall, Inc.  
1351 Joliet Road  
Valparaiso, IN 46385 \$ \_\_\_\_\_

Gough, Inc.  
2200 E 88<sup>th</sup> Drive  
Merrillville, IN 46410 \$ 88,763.23

Hasse Construction  
10 Lincoln Avenue  
Calumet City, IL 60409 \$ \_\_\_\_\_

LGS Plumbing, Inc.  
1112 E Summit Street  
Crown Point, IN46307 \$ \_\_\_\_\_

R.A. Oros, Inc  
8244 Greenwood Avenue  
Munster, IN 46321 \$ 84,270.<sup>00</sup>

Boyd Construction Co., Inc.  
450 South Ohio Street  
Hobart, IN 46342 \$ \_\_\_\_\_

Dyer Construction Company, Inc.  
1716 Sheffield Avenue  
Dyer, IN 46311 \$ \_\_\_\_\_

Grimmer Construction, Inc.  
2619 Main Street  
Highland, IN 46322 \$ 80,252.49

Robert Balash Trucking and Excavation  
4012 East 73<sup>rd</sup> Avenue  
Merrillville, IN 46410 \$ \_\_\_\_\_

Austgen Equipment  
11309 Broadway, Suite C3  
Crown Point, IN 46307 \$ 80,522.<sup>00</sup>

January 20, 2016

Indiana Department of Transportation - LaPorte District - Mr. McFadden, Rick Powers

315 East Boyd Blvd.

Laporte, Indiana 46350

and

Indiana Department of Transportation

100 N. Senate Ave.

Indianapolis, Indiana 46204

On December 15th and again on December 22, 2015; in accordance with the Indiana Access to Public Records, I requested all documentation (dated after Nov. 11, 2015) from the road work on State Road 2 and Clay Street (Lake County) intersection being done by Reith/Riley Construction and/or Singleton Stone Company. Please include but not limited to all revised survey specifications, correspondence between the state and the company, inspection logs and notes, material lists, testing paperwork done on the soil removed and the disposal destination.

I would also like to be notified if any or all of this paperwork is missing.

Prudence Tokarz

4804 E. 181st. Ave,

Hebron, Indiana 46341

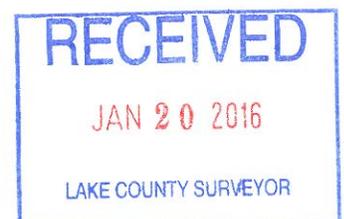
219-996-2758    pct5492@yahoo.com

cc: Lake County Highway Garage - Mr. Alverson, Mr. Malczewski

Lake County Advisory Drainage Board

Lake County Drainage Board

1 attachment



### My list of concerns and questions

A. The original plans (blueprints) and setting of the culverts were wrong. Reith/Riley called out the surveyors again, took new measurements and common sense says they would have to draw up new plans. They then dug up the culvert on the west and relaid it. This must be wrong also because they (R/R) have blocked the culvert opening with plywood and sandbags (I have pictures). Also in that same corner, there was an old small drainage pipe that runs diagonal across State Road 2 and opens on the southeast side of Clay which R/R cut off and left some where under southbound Clay. During the one and only rain event this fall the runoff entered the old pipe and bubbled up along the southeast side of Clay (I have pictures).

B. On the southwest side. They installed a stormwater vault (I do not believe that it is connected to anything at this time). The problem is that it sits 8 to 10 inches above the road level. Also even the the addition of the turning lane, the angle is so sharp that the large trucks and even cars drive off the road way. At first they left a drop off of 6 to 8 inches. They came back to add gravel but again the drop off is just as bad. They can't widen the turn much more because of this stormwater vault. ( I have pictures)

C. On the northeast corner. The culvert is set so high that runoff water will sit and backup farther then it ever has.

D. On the southeast corner . No water ran through it because it can not enter on the northeast corner. The ditch that runs on the southeast side of Clay Street only runs for a very short distance and then end against a wall of ground....the water can only back up. They also have left a berm at least 18 inches high between the ditch and the field. The farmer's field can not drain. A new culvert runs from the southeast side of Clay to the Southwest side. No water runs here because the culvert is too high. About 2 feet before the exit of this culvert is where the runoff is bubbling up from the northwest (A) side through the old cut off pipe. Is it washing out under the roadway??

E. In the scope of work done on this roadway - the old dirt shoulders were dug up and the soil taken to the mine site. They did the same with the groundup asphalt. IDEM informed me that the soil needed to be tested for contaminates - and according to the results there are several dumping sites required for the disposing of the soil.

As of January 19th. the state has not provided the paperwork asked for under the Access to Public Records.

Hoffman  
Field  
"A"

N. CLAY

Sokary  
Home  
"C"

new culvert - blocked with plywood  
and sand bags

= old drainage pipe

culvert set too  
high

no ditch

no ditch

W.

E.

S.R. 2

S.R. 2

VAULT

vault set 8 to 10 inches  
above the road bed

drop off  
to slushes

new culvert built out of the  
side of ditch

new culvert - no flow from  
across the street

high - feet cannot  
drain

DEEP DITCH

Burn at least 12" high

level down  
no culvert,  
no ditch

Hon's  
Business "B"

S. CLAY

"D"  
Hoffman  
Field

# LAKE COUNTY DRAINAGE BOARD

Lake County Government Center  
2293 North Main Street, Crown Point, IN 46307  
Phone-219-755-3745 Fax 219-755-3750

9-2

## Drainage Board

Commissioner Gerry J. Scheub, Chairman  
Commissioner Roosevelt Allen, Jr., Member  
Commissioner Michael C. Repay, Member  
Peter Katic, Drainage Board Attorney

## Technical Support

Bill Emerson, Jr., Lake County Surveyor  
Daniel V. Gossman, Sr. Drainage Admin.  
Tom Regalado, Asst. Drainage Admin.  
Clifford E. Duggan, Jr., Technical Advisor  
C.B. Burke Eng. Ltd., Consultant  
American Structurepoint, Consultant  
Mary Ellen Kupsik, Drainage Board Secretary

## ADVISORY COMMITTEE

### CENTER TOWNSHIP

DAVID HUBINGER  
12887 Monroe Street  
Crown Point, IN 46307  
[david@hubingers.com](mailto:david@hubingers.com)  
Home: 746-8552  
Term Expires: 1-01-19

### ST. JOHN TOWNSHIP

JEAN SHEPHERD  
1515 LINCOLN HIGHWAY  
SCHERERVILLE, IN 46375  
[stjohn township@sbcglobal.net](mailto:stjohn township@sbcglobal.net)  
Cell: 718-1510  
Term Expires: 1-01-19

### ROSS TOWNSHIP

MILAN DAKICH  
1865 West 64<sup>TH</sup> Place  
Merrillville, IN 46410  
[dakich@sbcglobal.net](mailto:dakich@sbcglobal.net)  
Home: 887-4459  
Term Expires: 7-01-19

### WINFIELD TOWNSHIP

LARRY COPE  
14320 Elkhart Street  
Leroy, IN 46355  
Cell: 219-613-5213  
Home: 219-663-5661  
Work: 219-663-5561  
Term Expires: 7-1-18

### HOBART TOWNSHIP

THOMAS D. SILICH  
3820 Roche Street  
Hobart, IN 46342  
[hobarttrustee@frontier.com](mailto:hobarttrustee@frontier.com)  
Home: 219-942-9420  
Cell: 219-617-2788  
Term Expires: 7-1-17

### CALUMET TOWNSHIP

LOUISE NEESE  
1900 West 41<sup>ST</sup> Avenue  
Gary, IN 46408  
[en63373@gmail.com](mailto:en63373@gmail.com)  
Work: 880-4910  
Term Expires: 8-01-19

### CEDAR CREEK TWP.

ALICE F. DAHL  
151 N. Freemont Street.  
Lowell, IN 46356  
[alicefdahl@yahoo.com](mailto:alicefdahl@yahoo.com)  
Home: 696-0611  
Work: 696-9713  
Fax: 696-8963  
Term Expires: 6-01-18

### HANOVER TOWNSHIP

KENNETH HUSEMAN

10328 West 151st  
Cedar Lake, IN 46303  
[kphuseman@att.net](mailto:kphuseman@att.net)  
Home: 696-9506  
Cell: 765-0580  
Term Expires: 2-1-19

### NORTH TOWNSHIP

MARK KOZY  
7946 Madison Avenue  
Munster, IN 46321  
[Mkozy614@gmail.com](mailto:Mkozy614@gmail.com)  
Home: 836-4090  
Cell: 201-4230  
Term Expires: 1-1-16

### WEST CREEK TOWNSHIP

HAROLD MUSSMAN  
11821 West 185<sup>th</sup> Avenue  
Lowell, IN 46356  
[Wctcpcts1-5@att.net](mailto:Wctcpcts1-5@att.net)  
Work: 696-9432  
Term Expires: 7-01-18

### EAGLE CREEK TOWNSHIP

JOHN R. JURIS  
4103 East 217<sup>th</sup> Avenue  
Hebron, IN 46341  
[johnjurs@gmail.com](mailto:johnjurs@gmail.com)  
Cell: 219-805-4316  
Term Expires: 7-1-17



# ATTENDANCE FOR LAKE COUNTY DRAINAGE BOARD MEETINGS – 2016

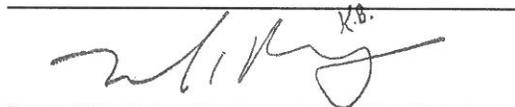
	JAN 20	FEB 17	MAR 16	APR 20	MAY 18	JUNE 15	JULY 20	AUG 17	SEPT 21	OCT 19	NOV 16	DEC 21
COMMISSIONER SCHEUB	X											
COMMISSIONER												
COMMISSIONER REPAY	X											

TO BE PAID EVERY THREE MONTHS (QUARTERLY)  
EACH MEETING \$35.00

**LAKE COUNTY DRAINAGE BOARD**



GERRY SCHEUB



MICHAEL C. REPAY