



# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1653  
E-mail: littlecal@nirpc.org

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~~EMERSON DELANEY, Chairman~~  
~~Governor's Appointment~~

WILLIAM TANKE, Vice Chairman  
Porter County Commissioners'  
Appointment

~~ARLENE COLVIN, Treasurer~~  
~~Mayor of Gary's~~  
~~Appointment~~

CURTIS VOSTI, Secretary  
Governor's Appointment

CHARLES AGNEW  
Governor's Appointment

GEORGE CARLSON  
Mayor of Hammond's  
Appointment

STEVE DAVIS  
Dept. of Natural Resources'  
Appointment

JOHN DE MEO  
Governor's Appointment

ROBERT HUFFMAN  
Governor's Appointment

JOHN MROCZKOWSKI  
Governor's Appointment

~~MARION WILLIAMS~~  
~~Lake County Commissioners'~~  
~~Appointment~~

DAN GARDNER  
Executive Director

LOUIS CASALE  
Attorney

## MEETING NOTICE

**THERE WILL BE A MEETING OF THE  
LITTLE CALUMET RIVER BASIN  
DEVELOPMENT COMMISSION  
AT 6:00 P.M. THURSDAY, FEBRUARY 3, 2000  
AT THE COMMISSION OFFICE  
6100 SOUTHPORT ROAD  
PORTAGE, IN**

**WORK STUDY SESSION - 5:00 P.M.**

## A G E N D A

1. Call to Order by Chairman Emerson Delaney
2. Pledge of Allegiance
3. Recognition of Visitors and Guests
4. Approval of Minutes of January 6, 2000
5. Chairman's Report
  - Committee structure for this year
6. Executive Director's Report
  - Meeting w/John Sirles to discuss sponsor/COE relationship/funding held on January 20<sup>th</sup>
  - News article on Hartsdale Pond
    - Meeting for pre-bid to be held February 2

change  
to  
minutes!

1-5

6



7. Standing Committees
- A. Land Acquisition/Management Committee – Chuck Agnew, Chairman
- Appraisals, offers, acquisitions, recommended actions
  - COE Real Estate meeting to be held on February 1st
  - Right-of-entry's for Pump Stations Phase 1 and Burr Street Betterment Levee given to COE
  - Other issues
- B. Project Engineering Committee – Bob Huffman, Chairman
- Recommended actions
  - Meeting on 1/26 with Highland officials and Hammond Sanitary District re: pump stations, Phase 2
  - Meeting to be held this month with Hammond/Munster for Stage VII
  - Presented information to COE on 1/24 for formliner consideration
  - Other issues
- C. Legislative Committee – Arlene Colvin, Chairperson
- Letter to Rep. Earl Harris re: short session fund corrections
  - Paperwork sent to Budget Agency for \$1.5 million approval to draw
  - Other issues
- D. Recreational Development Committee – George Carlson, Chairman
- Continuing discussion on the Hammond/Highland trail connection
  - Other Issues
- E. Marina Development Committee – Bill Tanke, Chairman
- Support letter to IDEM regarding dredging of waterway
  - Environmental Assessment available
  - IDEM public notice re: AT&T cable under Burns Harbor Waterway reconstruction
  - Other issues
- F. Finance/Policy Committee – Arlene Colvin, Chairperson
- Financial status report
  - Approval of claims for January 2000
  - Other issues
- G. Minority Contracting Committee – Marion Williams, Chairman
- Minority utilization update
8. Other Business
9. Statements to the Board from the Floor
10. Set date for next meeting

7-8

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10  
11-14

15  
16-17

**MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION**  
**HELD AT 6:00 P.M. THURSDAY, JANUARY 6, 2000**  
**AT THE COMMISSION OFFICE**  
**6100 SOUTHPORT ROAD**  
**PORTAGE, INDIANA**

Chairman Emerson Delaney called the meeting to order at 6:20 p.m. Ten (10) Commissioners were present. Pledge of Allegiance was recited. Quorum was declared and guests were recognized.

**Development Commissioners:**

Charles Agnew  
Arlene Colvin  
George Carlson  
John Mroczkowski  
Marion Williams  
William Tanke  
Bob Huffman  
Emerson Delaney  
John DeMeo  
Curt Vosti

**Visitors:**

Pete Zak – South Shore Marina  
Mark Lopez – Congressman Visclosky's Office  
Jomary Crary – IDNR, Div. of Water  
Jim Flora – R.W. Armstrong Co.

**Staff:**

Dan Gardner  
Sandy Mordus  
Lou Casale  
Jim Pokrajac  
Judy Vamos

Arlene Colvin made a motion to approve the minutes of the December 7th meeting; motion seconded by George Carlson; motion passed unanimously.

**Chairman's Report** – Chairman Emerson Delaney referred to the Nominating Committee, consisting of Chair Chuck Agnew, John DeMeo and George Carlson, for their report. Mr. Agnew reported that the committee met and he proceeded to present the slate of officers for the year 2000.

For the office of Secretary, Mr. Agnew made a motion to elect Curt Vosti; motion seconded by Bob Huffman; motion passed unanimously.

For the office of Treasurer, Mr. Agnew made a motion to retain Arlene Colvin; motion seconded by Bill Tanke; motion passed unanimously.

For the office of Vice Chairman, Mr. Agnew made a motion to retain ~~John DeMeo~~ <sup>Bill Tanke</sup>; motion seconded by John DeMeo; motion passed unanimously.

For the office of Chairman, Mr. Agnew made a motion to retain Emerson Delaney; motion seconded by Bob Huffman; motion passed unanimously.

No other nominations were made.



Mr. Carlson commented that this was the first time he has ever served on the Nominating Committee and, although, he voted unanimously with the selection of officers, he was not in agreement how the process took place. He felt that consideration should have been given to the time of service and the time spent in various offices. There should be guidelines in place that all Nominating Committee members would follow.

Chairman Emerson Delaney thanked the Nominating Committee for their trust in him. He stated it was an honor and privilege to serve again as Chairman. After having moved up through the offices and already serving one term as chairman, he felt he has learned quite a lot and would be honored to serve the residents of Northwest IN to their best interest. He further stated that we have some busy years ahead of us to finish this project, but feels that with working together with the COE, with the Congressman's support, and the excellent staff we have, all will be accomplished.

Chairman Delaney referred to the Committee Preference sheets distributed to each member and asked them to fill them out and return to Sandy.

**Executive Director's Report** – Executive Director Dan Gardner referred to the letter from Christopher Burke Engineering Co., consultants to the town of Highland, regarding the Wicker Park Manor Subdivision being removed from FEMA's floodplain designation. Although getting this floodplain removal status took a long time, hopefully, it has laid the groundwork for future areas to be removed once the levee protection system is in place in those respective areas. Discussion was held on whether the town will be releasing a press release with this information. Staff will check to make sure.

Mr. Gardner announced that he and attorney Lou Casale will meet on January 11<sup>th</sup> with the new COE Deputy District Engineer, John Sirles, to discuss state funding dollars in regards to the aggressive COE schedule. The biggest concern is whether the Commission will have the financial capability to allow the COE to let all the \$18 million for construction.. Mr. Gardner presented a draft letter addressed to Representative Pat Bauer, Chairman of Ways & Means, asking for up to \$3 million to be included in a Technical Corrections bill, which is needed to use the Federal funds.

Mr. Gardner announced that the COE has completed the final plans and specifications for the Hammond/Munster area (Northcote to Columbia) and they will be distributed to them. Staff will be scheduling a meeting with key officials in those respective cities and towns to discuss these plans. They need to have a complete understanding of the plans because they probably will be getting phone calls/questions from area residents once construction begins. the project needs to have 100% support from town officials. Secondary meetings will be scheduled with residents in each phase of construction. Public outreach will be important in the west reach areas. Residents will need the opportunity to have their concerns addressed.

Mr. Gardner stated that he will be speaking at the Hammond Rotary Club on January 11<sup>th</sup>. He and Judy Vamos will show the recently-completed project video.

**Land Acquisition Committee** – Committee Chairman Chuck Agnew made a motion for Commission to pay up to \$1,000 to landowner Morris Green (DC-753/756) so he can move his livestock out of project area; motion seconded by George Carlson; motion passed unanimously.

Mr. Agnew then stated that we have a signed offer from the Mansards Apartments (DC-603) for some land needed on the south side of their property. A safety concern that they had was fencing by the ditch area. We have committed to constructing a 4' chain link fence costing \$4,500-\$5,000). The Mansards will incur the additional expense if they choose to upgrade the fencing. Mr. Tanke and Mr. Huffman wanted a solid dollar amount for the fencing before giving final approval. Staff will obtain that figure and report back at the next meeting.

Mr. Agnew made a motion for authorization for Commission to demolish the garage at the rental property, 3120 Gerry Street, Gary. It originally was going to be moved but it is now going to be torn down by the contractor and will be part of the project cost. The renters are aware of this and have given their approval for the demolition. The garage is in the line of ditch work to be done in that area.

Mr. Agnew reported that staff has received a set of the Operation & Maintenance Manuals from Richmond VA that they were given from the COE for their project.

Also, Mr. Agnew stated that letters have been sent to the N.W. IN Food Bank and the Committee for Emerson to see if they have an interest in farming a 5-acre plat the Commission owns. There has been no response yet.

**Project Engineering Committee** – Committee Chairman Bob Huffman gave the engineering report. He reported that a bid opening for the pump stations, Phase 1A was held on January 6<sup>th</sup>. The COE's estimate for the construction of the 4 pump stations was \$2.9 million. There were 3 bids received with the lowest bid being \$4.6 million. It is not known at this time how the COE will proceed but since the bid is 63% over government estimate, the COE can only accept a bid if it is within 25% of estimate.

Mr. Huffman also reported that a pre-construction meeting was held with Dillion Contractors for Stage IV Phase 1. Their bid was \$700,000 below the COE estimate. They are reviewing scope of work.

The construction season has stopped for the East Reach Remediation area. It will resume in the spring.

Cost estimates for formliners are being worked up by the manufacturer. Formliners are more eye-appealing to use in the west reach area on the I-walls and especially since they will be facing the backyards of residents, it is desired by the Commission to use formliners.

Discussion was held on the Commission request to the COE on having directional bores for the Phillips Pipeline Company under the river west of Conrail. The COE wants to use an up & over the levee approach and staff feels directional boring is safer. This is an ongoing issue with the COE and no conclusion has been reached.

**Legislative Committee** – Committee Chairperson Arlene Colvin gave the report. She informed that on December 8<sup>th</sup>, she and Dan Gardner met with Representative Earl Harris to brief him of our concern of not being able to keep up with the Federal construction schedule. We are hoping to obtain up to \$3 million in a Technical Corrections bill this short session. Since it is not an open budget session, the only possibility of obtaining any intended funds is through this procedure. We will not know until final days of session. We have kept the Colonel and the Congressman informed of the situation.

**Recreational Development Committee** – Committee Chairman George Carlson informed the Board that no final conclusion has been made yet regarding whether COE approval/funding would be made available to complete our section of the Hammond-Highland trail at Indianapolis Blvd. *this year.*

**Marina Committee** – Committee Chairman Bill Tanke reported that we are waiting for Doug Olson to get settled in as the new Mayor of Portage. He and staff has met with him previously to inform him of marina status. We will meet again to talk about completion/financing of marina.

Mr. Tanke also referred to the IDEM public notice for the Burns Waterway channel dredging. Concern is quality of dredged material to be removed. The COE has determined that the quality is OK to use as beach nourishment but IDEM has to clear it and approve it. Mr. Gardner requested to write a support letter on behalf of the Commission. Curt Vosti made a motion authorizing him to write the letter; motion seconded by John DeMeo; motion passed unanimously.

**Finance Committee** – Committee Chairperson Arlene Colvin stated that there were no year-end budget transfers needed and proceeded to make a motion to accept the financial report and approve the December claims totaling \$100,682.55; motion seconded by Chuck Agnew; motion passed unanimously.

Mr. Tanke questioned a claim of \$12,834.50 from Porter Lakes Engineering. Mr. Gardner explained that this is a claim to be paid out of the money earmarked for Gary Parks & Rec (money that was approved and equal in value for needed easements from Gary Parks) once the claim is approved by the Gary Park Dept. It will not be paid until we have something in writing stating to do so. There is a question of who authorized the work and the high cost of the additional work. The original request that was approved was for \$4,500. Staff is keeping informed of issue.

Mr. Vosti added that the stage and phase needs to be stipulated on all construction claims.

Ms. Colvin further reported that a CD has been purchased in the amount of \$90,056, which is the total of Lake Erie Land Company's monies received to date. The money is being earmarked for levee maintenance. Staff secured a one-year note @ 6.15%, which was the highest quote from area banks.

Ms. Colvin made a motion to adopt the proposed budget for the year 2000; motion seconded by Bill Tanke; motion passed unanimously. Mr. Gardner added that the \$1 million COE escrow money has already been put into Line 5892 (Project cost share payment/escrow account).

Ms. Colvin then referred to the agreement for administrative services with NIRPC. Changes from last year's agreement are minimal and are reflected on page 11 in the agenda packet. Ms. Colvin made a motion to approve the agreement; motion seconded by Bill Tanke; motion passed unanimously.

Ms. Colvin then reported that the Finance Committee has met several times and after an extensive study and research, presented these increases/bonuses for approval. Ms. Colvin made a motion to extend the present contract for independent contractors Jim Pokrajac and Judy Vamos for a one-year period at an increase of \$38 to \$42/hour and \$24.50 to \$30/hr respectively; motion seconded by Bill Tanke; motion passed unanimously.

Ms. Colvin further made a motion to approve a bonus payment to staff director Dan Gardner and business coordinator Sandy Mordus in the amount of \$5,500 and \$4,000 respectively; motion seconded by Bill Tanke; motion passed unanimously. For the record, Arlene added that in terms of the increase and bonuses, they are based upon merit and performance and are not an automatic increase.

**Minority Contracting Committee** – Committee Chairman Marion Williams reported that the contractor for the ERR area has submitted several minority reports to the COE, a copy of which all Board members have received. Mr. Williams stated he would be scheduling a committee meeting soon to review this data to make sure the contractor is indeed fulfilling his obligation in meeting Federal regulation for minority hiring. Mr. Gardner added that 2 items that are now in place are (1) the contractor has to sign the reports asserting their validity and (2) for each contract, they must prepare specific affirmative action steps.

**Other Business** – There was none.

**Statements to the Board** – Appreciation was expressed to the Board for their recognition and approval of increases/bonuses by Judy, Jim, Dan and Sandy.

There being no further business, the next regular Commission meeting was scheduled for **6:00 p.m. Thursday, February 3, 2000.**

/sjm



## REGION

# Hartsdale Pond to offer Little Cal flood relief

■ When the project is complete, the former clay pit will lower the river level by up to a foot.

By SHELLEY SEPIOL  
Staff Writer

SCHERERVILLE — A small pond soon will have a higher calling: providing extra capacity within the entire 40-square-mile watershed south of the Little Calumet River.

Within two years, Hartsdale Pond will have a maximum capacity of 300 acre-feet of storm water storage. An acre-foot of storage means that one acre of land could hold one

foot of water.

Such storage on Hartsdale could lower the Little Calumet River by as much as 6 inches to 1 foot, according to Lake County Surveyor George Van Til.

"That's pretty substantial," Van Til said, "because as more water collects the greater the chance of flooding."

Located on Spring Street Ditch, just west of Kennedy Avenue and northwest of Division Street, the pond was created about 10 years ago when former owner Florian O'Day used the site to excavate clay.

O'Day struck a deal to let the county take over the pit if he were allowed to fill in Spring Street Ditch on his property and set its course farther west.

The county agreed and acquired the clay pit pond. In 1998, the county spent \$28,000 to construct a low-flow channel along the edge of the pond, once again disconnecting the ditch's flow from the pond.

The body of water has since been used to collect storm water during rainy weather. The Lake County Drainage Board on Wednesday approved plans and specifications to install a pump, pump station and concrete spillway along the pond.

The plan is to pump the pond dry in drier weather when the Little Calumet can handle the additional flow. The empty pond then will be able to hold excess water in rainy weather, decreasing local flooding.

The concrete spillway will keep water runoff from eroding the

banks. The county also plans to excavate the pond bottom to create the full 300-acre-feet of storage.

Van Til said U.S. Rep. Peter Visclosky, D-Merrillville, is bending the ear of the Army Corps of Engineers to encourage it to use excavated clay for the construction of levees along the banks of the Little Calumet.

Van Til anticipates installation of the pump will begin in six months. Nearly \$400,000 from the county surveyor's cumulative capital improvement fund, Lake County Drainage Board and Build Indiana Fund will cover the costs.


Construction of a spillway will cost an estimated \$200,000 more, which Van Til hopes to receive from the Indiana Department of Environmental Management.



**AUTHORIZATION FOR ENTRY FOR CONSTRUCTION  
LITTLE CALUMET RIVER BASIN  
FLOOD PROTECTION AND RECREATION PROJECT  
PUMP STATIONS REHABILITATION, PHASE 1**

I, Dan Gardner, Executive Director, Little Calumet River Basin Development Commission, do hereby certify that the Little Calumet River Basin Development Commission has acquired the real property interests required by the Department of the Army for Pump Stations Rehabilitation, Phase 1, Tracts BA-RI, SK-RI, HW-RI, and WA-RI and otherwise is vested with sufficient title and interest in lands to support construction of the Pump Stations Rehabilitation, Phase 1, Local Flood Protection Project. Further, I hereby authorize the Department of the Army, its agents, employees and contractors to enter upon said lands as identified on attached map to construct the features as set forth in the plans and specifications held in the U.S. Army Corps of Engineers' Chicago District Office, Chicago, Illinois.

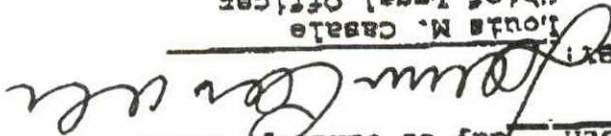
Witness my signature as Executive Director, Little Calumet River Basin Development Commission this 5th day of January, 2000.

BY:   
Dan Gardner  
Executive Director

**ATTESTATION OF AUTHORITY**

I, Louis M. Casale, Chief Legal Officer for the Little Calumet River Basin Development Commission, State of Indiana certify that the Little Calumet River Basin Development Commission has authority to grant the above authorization for entry; that said authorization for entry is executed by the proper duly authorized officer; and that the authorization for entry is in sufficient form to grant the authorization therein stated.


Witness my signature as Chief Legal Officer for the Little Calumet River Basin Development Commission, this 5th day of January, 2000.

  
Louis M. Casale  
Chief Legal Officer

**AUTHORIZATION FOR ENTRY FOR CONSTRUCTION  
LITTLE CALUMET RIVER BASIN  
FLOOD PROTECTION AND RECREATION PROJECT  
BURR STREET BETTERMENT LEVEE, PHASE 1**

I, Dan Gardner, Executive Director, Little Calumet River Basin Development Commission, do hereby certify that the Little Calumet River Basin Development Commission has acquired the real property interests required by the Department of the Army for the Burr Street Betterment Levee, Phase 1, as outlined on the attached Real estate Mapping, and otherwise is vested with sufficient title and interest in lands to support construction of this segment of the project, excepting the EJ&E Railroad easement which is listed as a one year option in the construction contract. Further, I hereby authorize the Department of the Army, its agents, employees and contractors to enter upon said lands as identified on attached map to construct the features as set forth in the plans and specifications held in the U.S. Army Corps of Engineers' Chicago District Office, Chicago, Illinois.

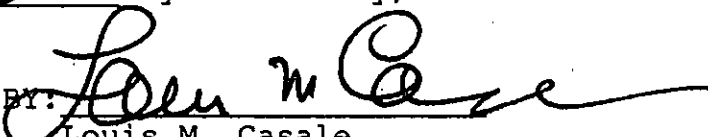
Witness my signature as Executive Director, Little Calumet River Basin Development Commission this 20<sup>th</sup> day of January, 2000.

BY:   
Dan Gardner  
Executive Director

**ATTORNEY'S CERTIFICATE OF AUTHORITY**

I, Louis M. Casale, Chief Legal Officer for the Little Calumet River Basin Development Commission, State of Indiana Certify that the Little Calumet River Basin Development Commission has authority to grant the above Authorization for Entry; that said Authorization for Entry is executed by the proper duly authorized officer; and that the Authorization for Entry is in sufficient form to grant the authorization therein stated.

Witness my signature as Chief Legal Officer for the Little Calumet River Basin Development Commission, this 20 day of January, 2000.

BY:   
Louis M. Casale  
Chief Legal Officer

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# Little Calumet River Basin Development Commission

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MARION WILLIAMS  
*Lake County Commissioners' Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 25, 2000

Honorable Earl Harris  
IN State Representative  
State House  
Indianapolis, Indiana 46204

Dear Earl:

I trust you have received a copy of the letter sent to Representative Pat Bauer and other key leadership regarding the need to access up to an additional \$3 million to allow Federal construction contracts to be let for the Little Calumet River Flood Control Project. We have had a separate discussion with Congressman Visclosky's staff and Pete has committed to being available to talk to the Governor or others as you see fit. The Corps of Engineers is pressing us for some indication of reaction to the request. In early February, they begin the Federal budget process for the next Federal fiscal year.

Please call me at your earliest convenience to discuss the matter. We appreciate your continued support and anxiously await your response.

Sincerely,

  
Dan Gardner  
Executive Director

/sjm

cc: Congressman Pete Visclosky  
Lt. Col. Peter Rowan  
John Sirles, COE





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DAN GARDNER  
Executive Director

LOUIS CASALE  
Attorney

January 10, 2000

Mr. Marty Maupin  
State of Indiana  
IN Dept. Environmental Management  
100 North Senate Avenue  
Indianapolis, Indiana 46206

*Marty*  
Dear Mr. Maupin:

The Little Calumet River Basin Development Commission is writing to submit comments regarding proposed dredging by the U.S. Army Corps of Engineers of the Burns Small Boat Harbor and Burns Waterway. The Development Commission is the non-Federal sponsor with the Corps on the Federal twin breakwaters construction at the mouth of Portage Burns Waterway, which created the Federal interest in the dredging of the waterway. Since the initial construction and dredging in 1982-83, the waterway has not been dredged. The situation has become increasingly more serious with respect to safe boating use of the waterway and harbor entry. The Federal funding commitment graphically illustrates the recognition of need to dredge.

With this as background, I offer the following water quality comments. It appears from reading the just recently-released sediment contamination determination report the by the Corps of Engineers that Tier 2 and Tier 3 analysis indicate the sediments acceptable for open water disposal, with some dredge areas suitable for beach nourishment. We urge that such suitable material be used in that way. The report also states that no adverse effects were observed based on biological elutriated results.

Based on these results, and on the critical need to provide a safe harbor and channel for the some 600+ boats that use the waterway, the Little Calumet River Basin Development Commission urges IDEM to grant a waiver of existing water quality standards for Ammonia-Nitrogen as requested by the Corps of Engineers. We also urge IDEM to act expeditiously so the dredging project can be accomplished prior to the start of the next boating season.

Sincerely,

*Dan Gardner*  
Dan Gardner  
Executive Director

cc: Mr. Steve West, IDEM  
Mr. Dennis Clark, IDEM  
Ms. Mary Ellen Gray, IDEM  
Mr. Matt Rueff, IDEM  
Ms. Lori Kaplan, IDEM  
Congressman Peter Visclosky  
Douglas Olson, Mayor of Portage  
Jerry Hodges, Portage Port Authority



1. The first part of the report  
describes the general situation  
of the country and the  
main problems facing it.

2. The second part of the report  
describes the results of the  
survey and the main findings.

3. The third part of the report  
describes the main conclusions  
of the survey and the main  
recommendations.

4. The fourth part of the report  
describes the main conclusions  
of the survey and the main  
recommendations.

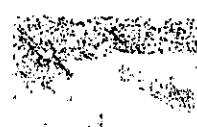
The first part of the report describes the general situation of the country and the main problems facing it. The second part of the report describes the results of the survey and the main findings.

The third part of the report describes the main conclusions of the survey and the main recommendations. The fourth part of the report describes the main conclusions of the survey and the main recommendations.

The fifth part of the report describes the main conclusions of the survey and the main recommendations. The sixth part of the report describes the main conclusions of the survey and the main recommendations.

The seventh part of the report describes the main conclusions of the survey and the main recommendations. The eighth part of the report describes the main conclusions of the survey and the main recommendations.

The ninth part of the report describes the main conclusions of the survey and the main recommendations. The tenth part of the report describes the main conclusions of the survey and the main recommendations.



11. The eleventh part of the report describes the main conclusions of the survey and the main recommendations. The twelfth part of the report describes the main conclusions of the survey and the main recommendations.

## Public Notice

Little Calumet River Basin Development Committee  
 Attn: Mr. Dan Gardner  
 Executive Director  
 6100 Southport Rd.  
 Portage, IN 46368

Date January 20, 2000

Indiana Code 14-11-4 was enacted to ensure that adjacent property owners are notified of permit applications and provided with an opportunity to present their views to the Department of Natural Resources prior to action.

Under the legislation, the applicant or agent is responsible for providing notice to the owner of the real property owned by a person, other than the applicant, which is both of the following: 1.) located within one-fourth (1/4) mile of the site where the licensed activity would take place, and 2.) has a border or point in common with the exterior boundary of the property where the licensed activity would take place. Included is property which would share a common border if not for the separation caused by a roadway, stream, channel, right-of-way, easement, or railroad.

Due to your proximity to the project site, you are considered to be an adjacent property owner; therefore, notice is being provided in conformance with the provisions of IC 14-11-4 and 312 IAC 2-3.

Applicant's Name, Address, and Telephone  
AT&T Corp.  
1200 Peachtree Street NE P.A. 165  
Atlanta, GA 30309 (404) 810-4409

Agent's Name, Address, and Telephone  
C & S Contract Services, Inc.  
308 Rogers Road  
Martinsville, IN 46151

Stream or Lake Name Burns Waterway

Project Description and Location City of Portage, IN (Crisman Rd.) Directional bore under the river on city right-of-way for installation of communications cable system in Portage, Indiana between Interstate Route 94 and US Route 12 near old bridge crossing west of US 249.

Check relevant Statute or Rule:

- ☒ Flood Control Act, IC 14-28-1
- ☐ Lake Preservation Act, IC 14-26-2
- ☐ "Ditch Act", IC 14-26-5
- ☐ Channels Act, IC 14-29-4
- ☐ Removal of Sands or Gravel, IC 14-29-3

Questions relating to the project should be directed to:

C & S Contract Services, Inc.  
 Chesley E. "Buddy" Bowden  
 308 Rogers Rd.  
 Martinsville, IN 46151  
 (765) 342-9539

You may request an informal public hearing, pre-AOPA (Administrative Orders and Procedures Act) hearing, on this application by filing a petition with the Division of Water. The petition must conform to administrative rule 312 IAC 2-3-4 as follows:

- (a) This section establishes the requirements for a petition to request a public hearing under IC 14-11-4-8(a)(2).



To be approvable a project must demonstrate that it will:

- (a) not adversely affect the efficiency or unduly restrict the capacity of the floodway; defined as, the project will not result in an increase in flood stages of more than 0.14 feet above the base 100-year regulatory flood elevation.
- (b) not constitute an unreasonable hazard to the safety of life or property; defined as, the project will not result in either of the following during the regulatory flood: (1) the loss of human life, (2) damage to public or private property to which the applicant has neither ownership nor a flood easement;
- (c) not result in unreasonably detrimental effects upon fish, wildlife or botanical resources.

Additionally, the Department must consider the cumulative effects of the above items.

A request for a pre-AOPA public hearing or notice of initial determination should be addresses to:

Permit Administration Section  
Division of Water  
Department of Natural Resources  
402 West Washington Street, Room W264  
Indianapolis, Indiana 46204-2748  
Telephone: (317) 233-5635

You may also request that the Department notify you in writing when an initial determination is made to issue or deny the permit. Following the receipt of the approval or denial notice, you may request administrative review of the determination by the Natural Resources Commission under IC 4-21.5 and 312 IAC 2-3.

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- (b) The petition shall include the signatures of at least twenty-five (25) individuals who are at least eighteen (18) years of age and who reside in the county where the licensed activity would take place or who own real property within one (1) mile of the site of the proposed or existing licensed activity.
- (c) The complete mailing addresses of the petitioners shall be typed or printed legibly on the petition.
- (d) Each individual who signs the petition shall affirm that the individual qualifies under subsection (b).
- (e) The petition shall identify the application for which a public hearing is sought, either by division docket number (application number) or by the name of the applicant and the location of the project.

A pre-AOPA public hearing on the application will be limited to the Department's authority under the permitting statutes. Only the issues relevant to the Department's jurisdiction directly related to this application for construction will be addressed. Under permitting statutes, the Department has no authority in zoning, local drainage, burning, traffic safety, etc.; therefore, topics beyond the Department's jurisdiction will not be discussed during the public hearing.

The Department's jurisdiction under the Flood Control Act is confined to the floodway of the stream and its review limited to the following criteria.

The Department's jurisdiction under the Lakes Preservation Act is confined to the area at or lakeward of the shoreline of the lake and any impact which the project may have on:

- (a) the natural resources and/or scenic beauty of the lake;
- (b) the water level or contour of the lake below the waterline;
- (c) fish, wildlife or botanical resources.

Additionally, the department must consider the cumulative effects of the above items.

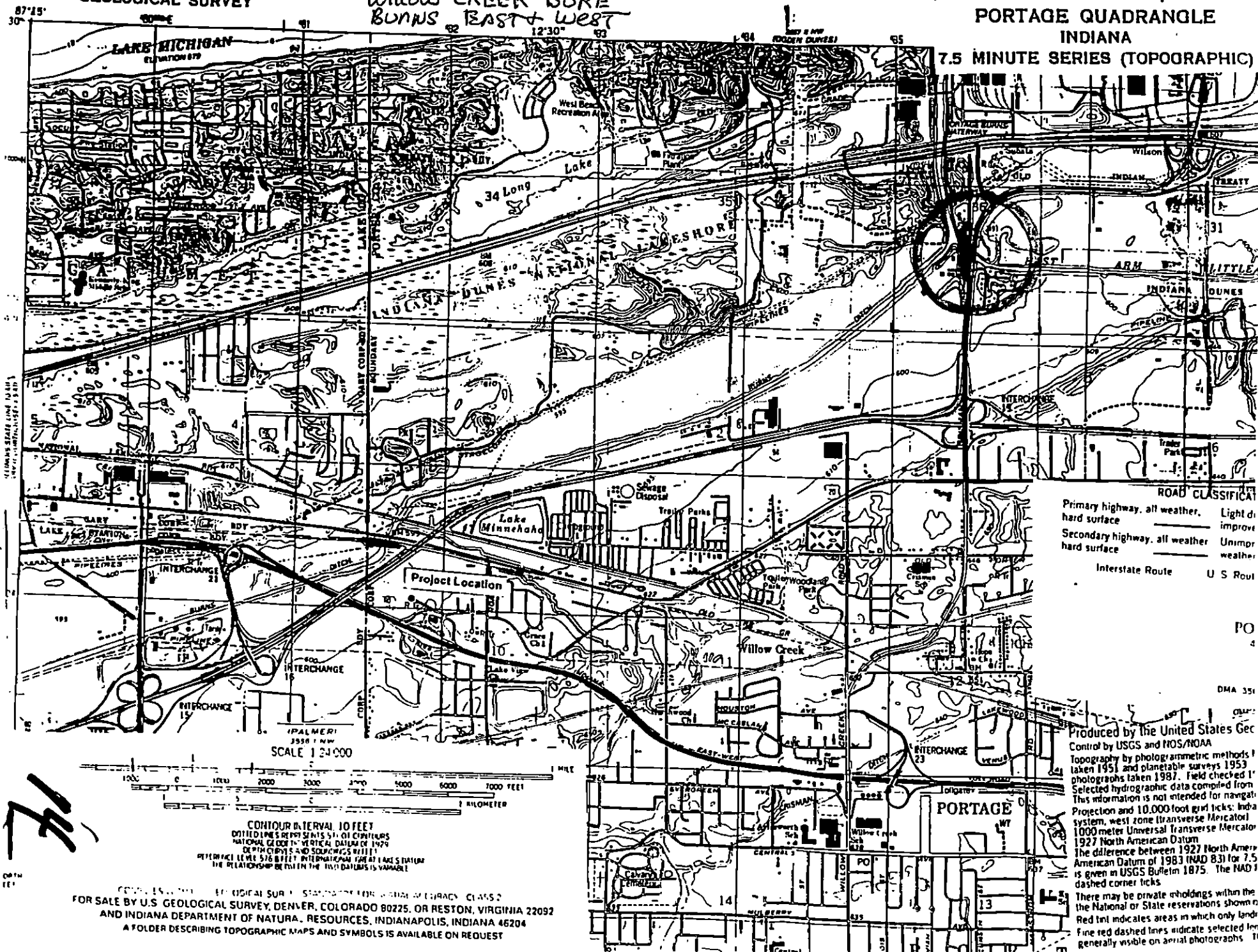


DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

AT&T PORTAGE P.O.P. ACCESS  
WILLOW CREEK BORE  
BURNS EAST & WEST

11/24/00

PROJECT LOCATION MAP PG 1 OF 2  
PORTAGE QUADRANGLE  
INDIANA  
7.5 MINUTE SERIES (TOPOGRAPHIC)



## LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

## FINANCIAL STATEMENT

JANUARY 1, 1999 - DECEMBER 31, 1999

CASH POSITION - JANUARY 1, 1999

## CHECKING ACCOUNT

LAND ACQUISITION	51,373.91	
GENERAL FUND	109,925.65	
TAX FUND	0.00	
INVESTMENTS	1,137,500.00	
ESCROW ACCOUNT INTEREST	4,245.98	
	<hr/>	1,303,045.54

RECEIPTS - JANUARY 1, 1999 - DECEMBER 31, 1999

LEASE RENTS	63,358.52	
INTEREST INCOME	42,348.78	
LAND ACQUISITION	802,370.07	
ESCROW ACCOUNT INTEREST	7,045.39	
MISC. INCOME	253.00	
KRBC REIMBURSEMENT RE: TELEPHONE CHARGE	2,015.20	
PROCEEDS FROM CERTIFICATE	68,556.60	
DON EWOLDT (LEL)	21,500.00	
	<hr/>	917,390.96
TOTAL RECEIPTS		

DISBURSEMENTS - JANUARY 1, 1999 - DECEMBER 31, 1999

## ADMINISTRATIVE

1998 EXPENSES PAID IN 1999	59,886.95	
PER DIEM	9,450.00	
LEGAL SERVICES	4,920.96	
NIRPC	109,084.80	
TRAVEL & MILEAGE	10,341.04	
PRINTING & ADVERTISING	3,687.11	
BONDS & INSURANCE	5,841.63	
TELEPHONE EXPENSE	7,673.21	
MEETING EXPENSE	5,355.97	

## LAND ACQUISITION

LEGAL SERVICES	78,268.09	
APPRAISAL SERVICES	94,600.00	
ENGINEERING SERVICES	59,696.80	
LAND PURCHASE CONTRACTUAL	13,179.00	
FACILITIES/PROJECT MAINTENANCE SERVICES	20,224.33	
OPERATIONS SERVICES	0.00	
LAND MANGEMENT SERVICES	131,085.55	
SURVEYING SERVICES	93,716.40	
ECONOMIC/MARKETING SOURCES	8,045.69	
PROPERTY & STRUCTURE COSTS	46,153.42	
MOVING ALLOCATION	0.00	
TAXES	4,790.07	
LAND PURCHASE CONTRACTUAL	0.00	
PROPERTY & STRUCTURES INSURANCE	20,699.00	
UTILITY RELOCATION SERVICES	8,789.89	
LAND CAPITAL IMPROVEMENT	39,817.80	
STRUCTURAL CAPITAL IMPROVEMENTS	2,195.75	
ESCROW ACCOUNT NBD BANK	0.00	
	<hr/>	777,616.51
TOTAL DISBURSEMENTS		

CASH POSITION - DECEMBER 31, 1999

## CHECKING ACCOUNT

LAND ACQUISITION	244,197.40	
GENERAL FUND	143,144.40	
TAX FUND	0.00	
INVESTMENTS	1,331,136.97	
ESCROW ACCOUNT INTEREST	11,729.84	
	<hr/>	1,730,208.61

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# CLAIMS PAYABLE FOR JANUARY 2000

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5801	ROBERT HUFFMAN	100.00	PER DIEM FOR MEETINGS 11/23/99 & 12/7/99
5811	LOUIS CASALE	283.33	RETAINER FEE BILLED THROUGH 1/26/00
5812	NIRPC	8,523.13	SERVICES PERFORMED DECEMBER 1999
5812	DAN GARDNER	5,500.00	ADDITIONAL LUMP SUM PAYMENT FOR 1999
5812	SANDRA MORDUS	4,000.00	ADDITIONAL LUMP SUM PAYMENT FOR 1999
5812	UNITED PARCEL SERVICE	14.00	OVERNIGHT MAIL SERVICE
5812	FEDERAL EXPRESS	25.00	EXPRESS MAIL SERVICE
5821	SANDY MORDUS	22.40	MILEAGE 12/1/99-12/7/99
5821	JIM POKRAJAC	17.50	EXPENSES INCURRED FOR MEETING IN CHICAGO 1/13/00
5824	GTE NORTH	70.94	MODEM TELEPHONE SERVICE 12/28/99-1/28/00
5824	MCI	367.82	BILLING PERIOD 11/15/99-12/14/99(TOTAL BILL 382.08 KRBC 14.26)
5825	SAND RIDGE BANK	729.60	HOTEL EXPENSE FOR WM TANKE FOR NAFSMA CONFERENCE IN PHILA
5838	LOUIS CASALE	5,866.80	LAND ACQUISITION/LEGAL SERVICES THROUGH 1/26/00
5841	ASSOCIATED PROPERTY COUSELORS	3,500.00	ADDITIONAL APPRAISAL FEE FOR DC-59
5841	MARTINEZ,SHARMAT & ASSOCIATES	2,500.00	APPRAISAL FEE FOR DC-582 & DC583
5842	J. F. NEW	2,485.00	ADD'L COST FOR WELAND PERMIT APPLICATION & MITIGATION DESIGN
5842	R. W. ARMSTRONG	3,453.30	ENGINEERING SERVICES FOR PERIOD ENDED 1/14/00
5842	GREAT LAKES ENGINEERING L.L.C.	2,000.00	ENGINEERING SERVICES FOR BETTERMENT LEVEE
5843	LAWYERS TITLE INSURANCE COMPANY	65.00	TITLE INSURANCE FEE FOR DC-765
5843	LAWYERS TITLE INSURANCE COMPANY	65.00	TITLE INSURANCE FEE FOR DC-812
5843	TICOR TITLE INSURANCE COMPANY	345.00	TITLE INSURANCE FEE FOR DC-505
5844	JAMES POKRAJAC	3,444.00	LAND MANAGEMENT/ENG SERVICES 1/4/00-1/14/00
5844	JUDITH VAMOS	2,400.00	LAND ACQUISITION/MANAGEMENT SERVICES 1/4/00-1/14/00
5844	SANDY MORDUS	202.15	CREDITING TECHNICIAN SERVICES 1/5/99-1/12/99
5847	COLE ASSOCIATES	328.50	SURVEY SERVICES INCURRED FOR STAGE V PHASE III
5847	COLE ASSOCIATES	309.50	SURVEY SERVICES INCURRED FOR STAGE IV-PHASE IS
5847	COLE ASSOCIATES	1,900.00	SURVEY SERVICES INCURRED FOR STAGE IV-1'S
5847	COLE ASSOCIATES	1,420.00	SURVEY SERVICES INCURRED FOR STAGE IV-1S
5847	COLE ASSOCIATES	454.50	SURVEY SERVICES INCURRED FOR STAGE V PHASE III
5847	COLE ASSOCIATES	440.00	SURVEY SERVICES INCURRED FOR WETLANDS
5847	COLE ASSOCIATES	240.00	SURVEY SERVICES INCURRED FOR ERR AREA
5847	COLE ASSOCIATES	600.00	SURVEY SERVICES INCURRED FOR STAGE VI
5847	COLE ASSOCIATES	240.00	SURVEY SERVICES INCURRED FOR STAGE IV-1S
5847	COLE ASSOCIATES	90.00	SURVEY SERVICES INCURRED FOR STAGE IV-1N
5847	COLE ASSOCIATES	1,290.00	SURVEY SERVICES INCURRED FOR STAGE V-II
5847	COLE ASSOCIATES	576.40	SURVEY SERVICES INCURRED FOR STAGE VI
5847	COLE ASSOCIATES	93.17	SURVEY SERVICES INCURRED FOR ERR AREA
5861	STAR REGISTER PUBLICATIONS	77.58	SUMMONS & NOTICE FOR DC-476
5861	D. & J. EVEN/JEFFREY EVEN/J. TAYLOR	147,152.00	PURCHASE PRICE OF DC-707
5861	JOHN R. AND EMILY M. PHELPS	725.00	PURCHASE PURCHASE OF TEMPORARY EASEMENT FOR DC-806
5881	CNA	464.00	INSURANCE FOR COMMISSION OWNED PROPERTY
5882	R. W. ARMSTRONG	557.50	UTILITY RELOCATION SERVICES FOR PERIOD ENDING 1/14/2000
5883	RICK EICK	550.00	CARPENTRY WORK FOR COMMISSION RENTAL PROPERTY

**TOTAL      203,488.12**

**WORK STUDY SESSION**  
**ENGINEERING COMMITTEE**  
**FEBRUARY 3, 2000**  
**Bob Huffman, Committee Chairman**

1. A pre-bid meeting was held with the COE on December 16<sup>th</sup> on the Pump Station Phase 1 project.
  - **Government estimate - \$2,915,265**  
**Low Bid - \$4,638,400**
  - **We will keep in the loop as to the status. It needs to be within 25% of the government estimate, which would be \$3,644,080 (or \$994,320 less than the bid).**
2. A coordination meeting was held with the town of Highland and the Hammond Sanitary District on 1/26 to review the scope of work and coordination and scheduling for the upcoming contract.
  - **This includes 3 Highland pump stations and 1 Hammond pump station**
  - **The current COE schedule as per the 1/26/00 coordination meeting is to complete design and review by 4/24; advertise by 5/12; award the contract by 6/15; and start construction by early August – 700 days to complete.**
3. A meeting will be held before the end of February with members representing the communities of Hammond and Munster to review and discuss the COE plans for construction in the area between Northcote and Columbia.
  - **Plans of FDM5 were sent to the communities on 1/7/00**
4. **Formliners**
  - **We submitted a letter to the COE on 1/24/00 enclosing cost and engineering information for their review and comments. We will have a review meeting to discuss the implementation of this into future plans and specifications.**
  - **These finishes appear to be approx. 5% less expensive to use than the current “fin-type” of finish. The COE will investigate cost differential, then we can discuss and have a meeting. This estimate was done in the area between Wicker & Woodmar – approx. 1500’ of 9’ high I-wall.**
5. Discussion of Woodmar Country Club engineering review held on 2/3/00 at 4:30 with the COE.



**WORK STUDY SESSION / COMMISSIONER'S MEETING  
3 FEBRUARY 2000**

**LAND ACQUISITION / MANAGEMENT COMMITTEE REPORT**  
*Chuck Agnew, Chairman*

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- 1.) There are no increased offers or condemnations.
- 2.) A meeting was held on 28 January with the Lamar Advertising Company (formerly Whitco) to review and update LCRBDC current sign leases.

LCRBDC owed a balance of \$124,825 to Lamar based on removal of Whitco signs on properties we acquired for our project. We will pay this in accordance with a previous motion by the commissioners. Our current sign leases will generate approximately \$8,000 yearly for the commission. Lamar Account Executive Ed Marcin is interested in securing more leases with the LCRBDC for additional signs and leases. He thinks the signs and poles can be made more aesthetic to blend into the project areas.

Additionally, LCRBDC is currently negotiating for land acquisition with two landowners who have Lamar sign leases on their properties. Depending on negotiating results LCRBDC may have three more signs along I-80/94.

- 3.) The Right-of-Entry for four of the West Reach Phase I Pump Stations was signed on 5 January 2000. These are the pump stations at Baring Avenue in Munster, Walnut Street in Hammond, Hohman Avenue in Munster, and South Kennedy Avenue in Hammond.
- 4.) Discussion about Woodmar Country Club:  
Attached to this report for your information is a letter from the appraiser Woodmar Country Club has contracted to write their appraisal of the club. LCRBDC received the letter from the COE Appraiser Reviewer Chris Borton. It is important to note that without seeing plans, specs, or the actual country club site the appraiser seems to already have a mind-set as to the direction his appraisal will take.

# **RECREATION REPORT**

*Thursday, February 3, 2000*

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## **GENERAL STATEMENT:**

Currently, the joint recreation venture with the Army Corps is completed; 85% of the completed east reach levees have stoned trails completed; the remainder of east reach trails should be completed by the fall of 2001.

**RECREATION - PHASE 1.** (This contract includes recreational facilities for Lake Etta, Gleason Park, Stage III (trails), and the OxBow area in Hammond.

### **A. OXBOW (Hammond)**

1. October 28<sup>th</sup>, 1998 was the date that this facility was turned over to the City of Hammond.

### **B. GLEASON PARK (Gary Parks & Recreation)**

1. October 28<sup>th</sup>, 1998 was the date this facility was turned over to the Gary Parks and Recreation Department.

### **C. LAKE ETTA (Lake County Parks)**

1. October 27<sup>th</sup>, 1998 was the date that this facility was turned over to the Lake County Parks Department.

### **D. CHASE STREET TRAIL (City of Gary)**

1. October 27<sup>th</sup>, 1998 was the date that this facility was turned over to the City of Gary.

## **RECREATION – GENERAL**

### **A. Lake Station – Handicapped Accessible Park (Refer to Land Management Report)**

1. It has been discussed with the Lake Erie Land Company the possibility of using them to develop this park in return for considerations of land use for wetland banking. (Agreement is ongoing and in process of review)
2. Once the LEL contract has been finalized, a coordination meeting with the Recreation and Land Management Committees will review the money available and develop a scope of work.

### **B. We received a letter from the COE on April 12<sup>th</sup>, 1999 regarding recreational trail re-alignment from the existing levee north of IUN and west of Broadway indicating that they will forward real estate information to us.**

1. We received the signed easement agreement from the Gary Public Works Dept. on December 2<sup>nd</sup>, 1999.
2. LCRBDC will complete new (revised) layout and coordinate with INDOT and the City of Gary to get necessary permits and agreements. (ongoing)

C. The re-direction of the recreation trail around the Gas City Truck Stop East of Grant Street will be coordinated with the COE and City of Gary.

1. It is intended to do this work, along with other recreational work, in the late spring of 2000.
2. LCRBDC will coordinate a meeting with the COE and Gas City to finalize the layout and to confirm that we couldn't use the original layout if we provide fencing, lighting, etc.

D. We received a copy of a press release on July 13<sup>th</sup> announcing the 1999 Transportation Enhancement grants, which includes \$800,000 to complete the Highland/Wicker Park/Erie Lackawanna trail systems.

1. The Town of Highland, Hammond, and North Township have requested we pull out some of the recreational portions of our V-3 (Woodmar Country Club), and V-2 (Wicker Park) contracts to allow their trail systems to be contiguous.
2. A letter was written to the COE on December 28<sup>th</sup>, 1999, enclosing information, and plans, for the Erie Lackawanna Bike Trail in Hammond from I-80/94 to Southeast to the stoplight at K-Mart.
3. **A letter was writing to the Corps on January 14<sup>th</sup>, 2000, requesting consideration from them to modify their current design near the Tri-State to allow passage through the line of protection to have a contiguous trail system.**
4. **In our pump station coordination with Highland on January 26<sup>th</sup>, 2000, a separate discussion with Highland indicated they may not have an objection to going around the wall between the golf courses. (This will be coordinated with Highland board members.**

**1-3**





# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1653  
E-mail: [littlecal@nirpc.org](mailto:littlecal@nirpc.org)

EMERSON DELANEY, Chairman  
*Governor's Appointment*

WILLIAM TANKE, Vice Chairman  
*Porter County Commissioners' Appointment*

ARLENE COLVIN, Treasurer  
*Mayor of Gary's Appointment*

CURTIS VOSTI, Secretary  
*Governor's Appointment*

CHARLES AGNEW  
*Governor's Appointment*

GEORGE CARLSON  
*Mayor of Hammond's Appointment*

STEVE DAVIS  
*Dept. of Natural Resources' Appointment*

JOHN DE MEO  
*Governor's Appointment*

ROBERT HUFFMAN  
*Governor's Appointment*

JOHN MROCZKOWSKI  
*Governor's Appointment*

MARION WILLIAMS  
*Lake County Commissioners' Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 14, 2000

Mr. Imad Samara  
U. S. Army Corps of Engineers  
111 N. Canal Street  
Chicago, Illinois 60606-7206

Dear Imad:

We recently had a coordination meeting with Dennis Cobb (First Group Engineering), who represents the Town of Highland and City of Hammond as their engineering consultant for the recreational trail system. In our discussion, we resolved that with the flood control line of protection for stage V Phase 2 around the Tri-State bus terminal, a contiguous trail system would be impossible at that location.

Enclosed is a copy of the comprehensive plan showing the Erie Lackawanna trail extension coming from the north and the Wicker Park-Grand Park trail coming from the south. their proposal was to tie both trails together adjacent to Tri-State, then go westward between Woodmar Country Club and Wicker Park Golf Course. With the height of our line of protection (primarily I-wall) in this area, this is not readily feasible. The initial plan would be to tie the Hammond trail from the north into our system, which would go westward between Woodmar and our I-wall. The Highland trail would come from the south on the existing trail in Wicker Park and then go westward between Wicker Park and our I-wall. At the northwest part of Wicker Park (where our I-wall ends and the earthen levee starts), we would need to modify our V-2 plan to add an additional ramp down to the Highland side of the trail, which would require some modifications to our real estate acquisition. Dennis Cobb will be writing a letter to North Township (Greg Cvitkovich) to see if they would have a problem with this proposal on the Highland side.

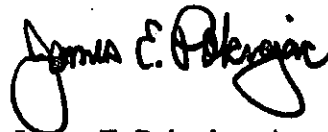
Our request to you would be consideration to modify our current design adjacent to Tri-State to allow both the Highland trail and Hammond trail to connect at some point. If this could be done with a passage through the I-wall with a removable section, passage gate, swing-type gate, or any other option the Corps might suggest. Alternatively, would it be practical and feasible to raise the Corps trail on the riverside of the I-wall to the top of the wall at or near this location?

Mr. Imad Samara  
January 14, 2000  
Page 2

We realize this is a non-project request, although it would be good for public relations, and we could discuss this more in detail. More specific information could be provided for engineering and real estate coordination at a later date. It is important to start this preliminary coordination, not only from local trail concerns, but for any future changes to the current set of Corps plans for V-2.

We would appreciate your response in a timely manner in order that other concerns regarding local requests to pull out recreation features from V-2 and V-3 could also be addressed for timing. Any questions may be directed to me at the above number.

Sincerely,



James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm

cc: Dennis Cobb, First Group  
Jan Plachta, COE  
Emerson Delaney, LCRBDC  
Curt Vosti, LCRBDC  
George Carlson, LCRBDC  
Lou Casale, LCRBDC attorney



**PROJECT ENGINEERING  
MONTHLY STATUS REPORT  
Thursday, February 3, 2000**

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**STATUS (Stage II Phase 1) Harrison to Broadway – North Levee:**

1. Project completed on July 10, 1992.  
Dyer Construction – Contract price \$365,524

**STATUS (Stage II Phase II) Grant to Harrison – South Levee:**

1. Project completed on December 1, 1993.  
Dyer/Ellas Construction – Contract price \$1,220,386

**STATUS (Stage II Phase 3A) Georgia to Martin Luther King – South Levee:**

1. Project completed on January 13, 1995.  
Ramirez & Marsch Construction – Contract price \$2,275,023

**Landscaping Contract (This contract includes all completed levee segments – installing, planting zones, seeding, and landscaping):**

1. Dyer Construction – Final contract cost \$1,292,066
  - Overrun (over original bid) \$200,016Project completed June 11, 1999

**STATUS (Stage II Phase 3B) Harrison to Georgia – South Levee:**

1. Rausch Construction started on 11/20/95. (Construction is approx. 98% complete)
  - Currently \$3,280,112.42 has been spent on this project.
  - Overrun (over original bid) \$183,281.60
  - Balance (to be paid to contractor) \$197,137.00
2. The operational pump test was held for the Broadway stormwater pumping station, was held with Rausch Construction on January 11<sup>th</sup>, 2000. A punch list will be generated by the COE – The pumps appeared to operate as designed and the Gary Sanitary District verbally seemed satisfied.
  - A. We received correspondence from the GSD on January 27<sup>th</sup>, 2000, enclosing copies of issues and concerns generated from Greeley and Hansen and the White River Environmental representatives.
3. A final inspection with the LCRBDC and the COE will be scheduled for the entire project, including the pump station, late spring or early summer.

**STATUS (Stage II Phase 3C2) Grant to Harrison: (8A contract)**

1. The overall project is 98% complete, and the final scheduled completion is for the end of September 1999.
  - The final inspection was made by the COE on July 15<sup>th</sup> and eleven (11) items remain to be completed on the punch list. (The COE has not notified us as to the status.) **Ongoing for seven (7) months.**
  - Currently, \$3,890,000 has been spent on this project.
  - Overrun (over original bid) \$463,196



- Balance (to be paid to contractor) \$189,875
- 2. The operational test for the Grant Street pumping station was held on November 19<sup>th</sup>, 1998, with LCRBDC, COE, GSD, and the City of Gary.
  - A. The tests were completed and the pump station was found to be satisfactory as per COE plans and specs with the exception of minor punch list items. (These are currently being completed.) COE to inform us as of its completion – **Ongoing now for four (4) months.**
    - **The COE sent a letter to the GSD on January 28<sup>th</sup>, 2000, indicating that a coordination meeting will be held during the week of February 14-18, 2000 to address ongoing engineering hydrology, and pump station concerns.**

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**STATUS (Stage II Phase 4) Broadway to MLK Drive – North Levee:**

1. All structural levee work completed. All grading and backfilling have been completed.
  - A. Project is approx. 98% completed, was anticipated for overall completion on September of 1999. (All work is completed except for the pump station.)
    - Overrun (over original bid) \$1,096,378
    - Balance (to be paid to contractor) \$11,070
  - B. Current money spent to date is \$4,175,000
2. **Ironwood Stormwater Pumping Station**
  - A. **The operational pump test for the Ironwood Stormwater Pumping Station was held with Rausch Construction on January 11<sup>th</sup>, 2000. A punch list will be generated by the COE – The pumps appeared to operate as designated and the GSD verbally seemed satisfied.**
  - B. **We received correspondence from the GSD on January 27<sup>th</sup>, 2000, enclosing copies of issues and concerns generated from Greeley and Hansen and the White River Environmental representatives.**
3. **A final inspection will be scheduled with the LCRBDC and the COE for this entire project, including the pump station, late spring or early summer.**

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2-6

**STATUS (STAGE III) Chase to Grant Street:**

1. Project completed on May 6<sup>th</sup>, 1994.  
Kiewit Construction – Contract price \$6,564,520.
2. We received a letter from the COE on March 17<sup>th</sup>, 1999, including design recommendations, and requesting our comments and review for the **STAGE III DRAINAGE REMEDIATION PLAN.**
  - **This item will be part of the agenda with the COE at the upcoming GSD coordination meeting scheduled during the week of February 14-18, 2000.**

**STATUS (Stage IV Phase 1 - North) Cline to Burr (North of the Norfolk Southern Railroad:**

1. IV-1 (North) The drainage system from Colfax to Burr Street North of the Norfolk Southern RR.
  - A. This project was advertised on November 3<sup>rd</sup>, 1999, scheduled was awarded to **Dillon Contractors** on November 30<sup>th</sup>, 1999, and **received** the notice to proceed on January 14<sup>th</sup>, 2000.



- The contractor has 360 days to complete the project from the date of the notice to proceed (January 14<sup>th</sup>, 2000). This would be January 8<sup>th</sup>, 2001. Contractor anticipates September 1<sup>st</sup>, 2000 completion if they can use trench box instead of sheet piling.
- B. The low bidder was Dillon Contractors, Inc. with a total base bid of \$2,708,720, which was approximately 80% of the government estimate.
- A pre-construction meeting was held with the COE and with Dillon Contractors on December 17<sup>th</sup>, 1999, to review permits, scheduling, and answer engineering & construction concerns.
- C. A V.E. review meeting was held with the contractor and COE on January 13<sup>th</sup>, 2000, to discuss Dillon Contractors proposed changes.
- The LCRBDC wrote a letter to the COE on January 11<sup>th</sup>, 2000, declining the proposal for a modified cross-section of the concrete ditch liner.

#### STATUS (Stage IV Phase 1 – South) (South of the N.S. RR.)

1. IV-1 (South) The remainder of the IV-1 project not included as part of IV-1 (North), primarily all of the construction South of the N.S. RR.
  - The current schedule is to advertise on 4/20/00; award 7/24/00; and construction start on 8/21/00.
2. WIND Radio property
  - A. We received a letter from NIPSCO on December 20<sup>th</sup>, 1999, indicating their description of the new utility installation as well as anticipated outage time.
  - B. We submitted the corps plan showing the location of the utility lines to the WIND radio station relative to the proposed flood control construction on January 18<sup>th</sup>, 2000.
    - A conference call was held on January 25<sup>th</sup>, 2000, with NIPSCO and the COE to finalize the method of re-location.
  - C. We submitted the cost estimate to the COE on January 13<sup>th</sup>, 2000, from NIPSCO to do this re-locate in the amount of \$25,922.
  - D. We received a letter from WIND on January 28<sup>th</sup>, 2000, indicating overhead telephone is not acceptable – coordination with NIPSCO/Ameritech and the COE starts over.
3. A meeting was held with the COE and the NSRR on January 13<sup>th</sup>, 2000, to review ongoing Engineering and Real Estate concerns. (Minutes of meeting)

#### STATUS (Stage IV Phase 2A) Burr to Clark – Lake Etta:

1. Dyer Construction-95% complete.
  - A. Currently, \$3,174,000 has been spent on this project.
    - Overrun (over original bid) \$901,779
    - Balance (to be paid to contractor) \$201,090
2. The North Burr Street stormwater pumping station has been completed.
  - A. The operational test was held on March 2, 1999. The follow-up inspection was held on March 30, 1999.
  - B. GSD will not accept responsibility for any pump station until all issues are resolved and turnovers completed. (Refer to Land Management Report)



- The COE sent a letter to the GSD on January 28<sup>th</sup>, 2000, indicating that a coordination meeting will be held during the week of February 14 – 18, 2000 to address ongoing engineering hydrology, and pump station concerns. This will be on the agenda.
3. A final inspection will be scheduled with the LCRBDC and the COE for this entire project, including the pump station, late spring or early summer.

**STATUS (Stage IV Phase 2B) Clark to Chase**

1. 100% of levee construction has been completed, and the projected overall completion is for the spring of 2000. A final inspection will be held at that time with the LCRBDC prior to turnover.
  - The stoning for that area East to Chase St. for our recreation trail will be completed in the spring of 2000.
  - Bollards and signage to be installed.
2. Project money status:
  - \$1,779,158 has been spent.
  - Overrun (over original bid) \$288,957
  - Balance (to be paid to contractor) \$40,157

**STATUS (Betterment Levee – Phase 1) E.J. & E. Railroad to, and including Colfax North of the NIPSCO R/W**

1. The COE sent a letter to Marathon on Feb. 19<sup>th</sup> requesting information on cost and design for lowering their 6" pipeline west of Arbogast and north of the NIPSCO R/W.
    - A. We received a modified cost estimate from Marathon pipeline for a cost of \$183,954 without contingencies on May 12<sup>th</sup>. With contingencies, the cost would be \$202,000.
      - The agreement was sent out by attorney Casale on December 23<sup>rd</sup>, 1999.
      - We received a corrected cost estimate from Marathon on January 26<sup>th</sup>, 2000, in include Colfax, in the amount of \$287,000
    - B. NIPSCO submitted a cost estimate for gas facilities adjustments from the EJ&E through Colfax as part of the Phase 1 construction in the amount of \$120,107.
      - Attorney Casale sent agreement to NIPSCO on December 2<sup>nd</sup>, 1999.
- Anticipated approval on February 2<sup>nd</sup>, 2000.

**STATUS (Betterment Levee – Phase 2) Colfax to Burr Street, then North NSRR, then East (North of RR R/W) ½ between Burr and Clark, back over the RR, then South approx. 1,400 feet**

1. Current schedule is to advertise by May 15<sup>th</sup>, 2000, award contract by August 15<sup>th</sup>, 2000, and a construction start of September 15<sup>th</sup>, 2000 – 360 days to complete.
2. Engineering is ongoing. (Anticipated completion by Corps is for April, 2000.

**STATUS Cline to EJ&E RR – Local Project:**

1. Levee completed, including tie-back at Cline Ave., from Cline Ave. East to a point approx. 70' from the West R/W line of the E.J. & E. RR.
2. The levee was completed and inspected on October 21<sup>st</sup>, 1999.



- As "as-built" location survey was completed by Great Lakes Engineering on November 10<sup>th</sup>, 1999, and was sent to the COE on November 11<sup>th</sup>, 1999, showing the installation to be 18' further North than the center line of our levee East of the E.J. & E.
3. A letter was written to the COE on November 22<sup>nd</sup>, 1999, enclosing center line elevations submitted to us by the Griffith engineering consultant on November 19<sup>th</sup>, 1999.
    - We are awaiting a response from the COE as to what design changes will be necessary to accommodate this alignment as of January 6<sup>th</sup>, 2000.

**STATUS (Stage V Phase 1) Wicker Park Manor:**

1. Project completed on September 14, 1995.  
Dyer Construction – Contract price \$998,630
2. As per a conversation with Phillips Pipeline on 9/30/96, consideration is being given to do a directional bore or both 8" lines, rather than do 2 "up and overs" for both levees (This has been ongoing with the COE since November of 1996)
  - A. The COE indicated in their response for Stage V – Phase 2, that this was not economically feasible. We still contend this should be done as an item of safety. (ongoing)
  - B. Flora wrote a letter to the COE on September 29<sup>th</sup>, 1999, requesting their consideration to credit this cost and to have it by our October 7<sup>th</sup>, 1999 meeting (We have not received this as of November 5<sup>th</sup>).
    - A follow-up letter was written by Flora on December 30<sup>th</sup>, 1999, indicating that we have not received a response, or that additional costs by Phillips would be creditable for them to gather field information to get a current estimate.
    - This is a completed levee segment with a high pressure petroleum line under the levee (which is not acceptable under COE design standards). Who assumes liability in the event of a levee failure to Wicker Park Manor. **No response from the Corps to date.**

**STATUS (Stage V Phase 2):**

1. At the July 23<sup>rd</sup>, 1998 Real Estate meeting, the current schedule shows a January 1<sup>st</sup>, 2001 contract award date. (This will be reviewed by the Commission.)
2. The COE agreed at our November 30<sup>th</sup>, 1999 Real Estate meeting to divide this into two (2) segments. V-2A (Indianapolis Blvd, to Northcote), and V-2B (Indianapolis Blvd. to Kennedy).
3. See item "2-B" in Stage V-Phase I regarding the "up & over" of the Phillips Pipe Line.

**STATUS (Stage V Phase 3) Woodmar Country Club:**

1. Refer to Land Acquisition report for status of appraisal process and revised schedule.
2. A letter was sent to Bob Girot (representing Woodmar C.C.) informing them of the upcoming survey, the current schedule for construction, and a meeting on November 4<sup>th</sup>, 1999, to review the schedule, appraisal process, and construction impact.
  - We received the completed legal descriptions & plat from Cole Associates on January 4<sup>th</sup> – this will allow the appraisal/acquisition process to begin. (See Land Acquisition report.)



3. **Engineering concerns were brought up by several commissioners at our January 6<sup>th</sup>, 2000 monthly board meeting to lessen the impact to the Woodmar Country Club.**
  - **A pre-discussion was held with Imad and several commissioners at 4:30 on February 3<sup>rd</sup>, 2000, to clarify previous COE engineering decisions.**

**STATUS Stage VI:**

1. Had meeting on 1/18/96 with Super 8, Holiday Inn, and Motel 6 with the COE attending regarding levee impact to the properties and how we will proceed.
2. The survey work to field determine project coordinates has been completed and was sent to the COE on August 23<sup>rd</sup>.
  - The final engineering and real estate for the remaining portion of Stage VI will be done "in house" by the Chicago COE. (This is for the area south of the river between Cline and Liable Road.)

**Status (Stage VII) Northcote to Columbia:**

1. The final contract with Earth Tech to do the A/E work for this stage/phase of **construction** was signed and submitted by the COE on December 21<sup>st</sup>, 1999.
2. A pre-design meeting was held with Earth Tech Environmental and the COE on November 23<sup>rd</sup>, 1999, to field review the project and discuss local concerns in the Griffith field office (refer to handout).
3. **Letters and prints were sent to Hammond and Munster on January 7<sup>th</sup>, 2000, requesting their review from representatives of their communities.**
  - **A pre-design coordination meeting will be scheduled with the communities, the COE, LCRBDC, and Earth-Tech to assure local participation.**

**17-18**

**STATUS (Stage VIII) Columbia to the Illinois State Line:**

1. We received a letter from the COE on March 15<sup>th</sup>, 1999 requesting our review and comments for their A/E scope of work.
  - A. The A/E award was given to S.E.H. (Short, Elliot & Henderson Inc.)
    - Negotiations with SEH are ongoing with the COE to determine final contract cost – original estimate by SEH is almost triple what was estimated by the COE.
2. We received a request from the COE to start point definition for project coordinates to allow the engineering firm information to plot their coordinates.
  - We are awaiting prints from the COE showing points in order to get bids from surveyors.

**East Reach Remediation Area – North of I-80/94, MLK to I-65:**

1. A pre-construction meeting was held with the COE, LCRBDC, GSD, Dyer Construction, and the City of Gary on September 9<sup>th</sup>, 1999.
2. Construction started on approx. September 13<sup>th</sup>, (clearing and grubbing), clay was hauled starting on approx. September 28<sup>th</sup>, and the inspection trench is currently completed and approx. 80% of the clay is in place.
3. Construction physically stopped on approximately December 10<sup>th</sup>, 1999, and will resume in the spring when weather permits.



#### West Reach Pump Stations – Phase 1A:

1. The four (4) pump stations that are included in this initial West Reach pump station project are Baring, Walnut, S. Kennedy, and Hohman/Munster.
2. We received a letter from the COE on December 9<sup>th</sup>, 1999, indicating responsibilities and rehabilitation for discharge pumping as well as only providing 75% design capacity for standby pumping.
3. A letter was sent to the GSD on December 16<sup>th</sup>, 1999, enclosing the COE letter of December 9<sup>th</sup>, asking them to review and be aware of what the COE is proposing.
  - We have received no response to date.

#### West Reach Pump Stations – Phase 1B:

1. The current COE schedule, as per our January 26<sup>th</sup>, 2000 coordination meeting, is to complete design and review by April 24<sup>th</sup>, 2000, advertise by May 12<sup>th</sup>, 2000, award the contract by June 15<sup>th</sup>, 2000 and start construction by early August – 700 days to complete.
2. A coordination meeting was held with the Town of Highland and the HSD on January 26<sup>th</sup>, 2000 to review the scope of work and coordination and scheduling for the upcoming contract. **19-20**

#### General:

##### 1. Alternate Concrete Formliners

- A. These finishes appear to be approx. 5% less expensive to use than the current “fin-type) of finish. The COE will investigate cost differential, then we can discuss and have a meeting.
- B. We submitted a letter to R & J Construction on December 9<sup>th</sup>, 1999, enclosing plans for the proposed 1500' length of 9' high I-wall that will be installed as part of the Stage V-Phase 2 construction between Wicker Park and Woodmar Country Club.
  - We submitted a letter to the COE on January 24<sup>th</sup>, 2000, enclosing cost and engineering information for their review and comments. **21-24**
  - We will have a review meeting to discuss the implementation of this into future plans and specifications.
2. An article was in the Post Tribune on January 14<sup>th</sup>, 2000, regarding the Hartsdale Pond, as submitted by George Van Til, stating that Viscloskey is discussing with the Corps the usage of excavated clay from this site for future levee contracts. **25**
3. At our January 26<sup>th</sup>, 2000 pump station coordination meeting with Highland, the town requested preliminary real estate and engineering drawings for all of the Highland construction. (Cline Ave. to Hart Ditch – South of the river).
  - This could be used for future community planning.



# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

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*Lake County Commissioners' Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 5, 2000

Ms. Luci Horton  
Director  
Gary Sanitary District  
3600 West 3<sup>rd</sup>  
Gary, Indiana 46406

Dear Luci:

We have been informed by the Army Corps of Engineers that there will be operational pump tests scheduled for both the Broadway Stormwater Pumping Station and the Ironwood Stormwater Pumping Station on Tuesday, January 11, 2000. They propose to start the operational test at Broadway, which is located east of Broadway just south of the Little Calumet River at 10:00 a.m. With time permitting, they will do the second test at the Ironwood Station which is located west of Martin Luther King Drive, north of the Norfolk Southern R.R. near the Ironwood Subdivision in Gary. It is their intent to not only test the pumps, but to inspect the station to assure the contractor has completed this work as per the Corps plans and specifications.

We would appreciate your input as part of this inspection and would request a letter from you listing those items that are not in compliance with the plans and specifications, as well as any other additional items that you would like to see addressed that were not included as part of the contract.

If you have any questions regarding this upcoming inspection, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm

cc: Imad Samara, COE  
Tom Deja, COE  
Jan Plachta, COE  
Jim Flora, R. W. Armstrong Co.



January 27, 2000

Transmitted via FAX and regular mail.

Mr. James E. Pokrajac, Agent  
Land Management/Engineering  
Little Calumet River Basin Development Commission  
6100 Southport Road  
Portage, IN 46368

RE: Operational Pump Tests - Broadway Stormwater Pump Station  
Ironwood Stormwater Pump Station

Dear Mr. Pokrajac:

As you may be aware, representatives of the Gary Sanitary District were in attendance at the operational pump tests for both the Broadway Stormwater Pump Station and the Ironwood Stormwater Pump Station, held January 11, 2000.

Pursuant to your request, enclosed please find correspondence relating to outstanding issues and concerns.

Sincerely,

A handwritten signature in cursive script that reads "Luci L. Horton".

Luci L. Horton, Director  
Gary Sanitary District

/LLH

Enclosures: (1) Memorandum from Don Smales, Greeley and Hansen  
(1) Correspondence from White River Environmental Part.



# WHITE RIVER ENVIRONMENTAL PARTNERSHIP

IWC Resources Corporation • United Water Services • Suez Lyonnaise des Eaux

January 24, 2000

Ms. Luci L. Horton  
Director  
Gary Sanitary District  
3600 West 3<sup>rd</sup> Avenue  
Gary, Indiana 46404

Subject: Ironwood Storm Pumping Station at 25<sup>th</sup> Avenue / 32<sup>nd</sup> and Broadway  
Storm Pump Station of LCRBDC/USACOE

Dear Ms. Horton:

White River Environmental Partnership (WREP) is pleased to inform the Gary Sanitary District (GSD) that we are prepared to operate and maintain the pumping stations cited above. However, WREP does have the following concerns, which we believe are necessary for a trouble free and optimum operation of the system.

## **Ironwood Storm Pumping Station**

1. Access to road from Ironwood circle to the southeast side of the station to allow utility vehicles to approach during pumps maintenance or pull out.
2. Security and light poles on the southeast corner of the enclosure for night time service.
3. Gated entry on the south-side, directly at the pump well side to make possible for pump servicing, inspection or removal with standard equipment.
4. Local alarm for pump failure and high level water visible from roadway should be installed.
5. Local alarm for pump failure and high level water visible from roadway should be installed.
6. Local alarm for pump failure and high level water visible from roadway should be installed, and also bar screen raking device, upstream of pumps.
7. Maintenance and Operation problems be addressed immediately.
8. O&M manuals and spare parts listing be provided.
9. O&M staff training be provided.
10. Padlocks to secured panels, valves, grating and hatches be furnished.



**32<sup>nd</sup> and Broadway Pump Station**

1. A 10'00" fencing gate, and lock should be installed for security, safety and to minimize liability as soon as possible due to the station being adjacent from a nature trail.
2. Local alarm for pump failure and high level water visible from roadway should be installed.
3. The "Bar Screen" safety, operational and maintenance problems be addresses immediately.
4. O&M manuals and listing of spare parts be provided.
5. Staff training on maintenance and operation be provided.
6. Padlocks to secure hatches, panels, valves, and gratings be furnished.

Should you have any questions and/or concerns, please feel free to contact me at extension 1205.

Sincerely,

**WHITE RIVER ENVIRONMENTAL PARTNERSHIP**

*Charles E. Jones*

Charles E. Jones  
Project Manager

cc: Cass Villacin, Manager, Collection Systems  
Paul Vogel, CCO, Greeley and Hansen  
Jay H. Niec, CCO, Greeley and Hansen  
File

**GREELEY AND HANSEN**

Gary Office

567 South Lake Street

Gary, Indiana 46403

Phone: (219) 938-8354 Fax: (219) 938-8376

**FYI****MEMORANDUM****DATE:** January 14, 2000**TO:** Luci L. Horton, Director GSD  
James B. Meyer, Attorney GSD**FROM:** Don Smales**SUBJECT:** Field Inspection of the LCRBDC/USACOE Broadway and Ironwood Storm Water Pumping Stations.

Representatives of the Gary Sanitary District (GSD) were present for the "operational pump test" of the subject facilities on 1/11/00 at 10:00 AM (Broadway), and 1:00 PM (Ironwood). GSD Representatives identified the following concerns and issues which require attention..

**Broadway Storm Water Pumping Station:**

- Provide improved security. The station is not fenced, the hatches, control panels, valves, and grating are not secured. The station is adjacent to a nature trail, which poses potential safety and liability issues.
- Provide a local alarm. There is no local alarm indicating pump failure or high water.
- The "Bar Screen" upstream of the pumps poses potential safety, operational and maintenance problems, the ACOE could not explain how this screen was to be maintained. A "rake" device was mentioned but was not produced.
- Provide listing of spare parts and operations and maintenance manuals.
- Provide necessary training for Operations and Maintenance staff.
- The pumps (2) two were tested using water from the Little Calumet River. The pumps cycled properly and the controls functioned properly. (Lead, lag, high water on, low water off, and pump alternation). Pumping capacity was not determined.

Note: There are several outstanding issues the Gary Sanitary District has brought to the attention of the Army Corps of Engineers, these issues have been listed in the attached letter titled "Little Calumet River, Indiana Local Flood Protection and Recreation Project", dated November 8, 1999. Items Number 1. "LCRBDC Storm Water Pumping Station Telemetry System", Number 2. B. "32<sup>nd</sup> and Broadway and

Louisiana Street Outfall", Number 4. "Scheduling of field Performance Tests for Broadway and Ironwood Circle Storm Water Pumping Stations", Number 6. "Comments Relating to flood Protection Project Operational and Maintenance Manual" and Number 9. "Other Discussion Items" these items relate to this pumping station.

#### **Ironwood Storm Water Pumping Station:**

- Provide improved security. The hatches, control panels, valves, and grating are not secured.
- Provide a local alarm. There is no local alarm indicating pump failure or high water.
- The "Bar Screen" upstream of the pumps poses potential safety, operational and maintenance problems, the ACOE could not explain how this screen was to be maintained. A "rake" device was mentioned but was not produced.
- Access to this station is difficult, with no provisions for accessing the "pump well" location of the station (south side). The elevation of the station coupled with the height of the security fence prevents the use of traditional equipment for pump removal or inspection.
- Accessing and servicing the station in high water conditions would appear to be a challenge.
- Lighting is an issue.
- The contractor stated that stainless steel hardware would be provide for float suspension and to secure pump pull cables and power cords.
- Provide listing of spare parts and operations and maintenance manuals.
- Provide necessary training for Operations and Maintenance staff.
- The pumps (2) two were tested using water from the Little Calumet River. The pumps cycled properly and the controls functioned properly. (Lead, lag, high water on, low water off, and pump alternation). Pumping capacity was not determined.

Note: There are several outstanding issues the Gary Sanitary District has brought to the attention of the Army Corps of Engineers, these issues have been listed in the attached letter titled "Little Calumet River, Indiana Local Flood Protection and Recreation Project", dated November 8, 1999. Items Number 1. "LCRBDC Storm Water Pumping Station Telometry System", Number 2. B." 32<sup>nd</sup> and Broadway and Louisiana Street Outfall", Number 4. "Scheduling of field Performance Tests for Broadway and Ironwood Circle Storm Water Pumping Stations", Number 6. "Comments Relating to flood Protection Project Operational and Maintenance Manual" and Number 9. "Other Discussion Items" are related to this pumping station.

Please let us know if we can be of further assistance.



**DEPARTMENT OF THE ARMY**  
CHICAGO DISTRICT, CORPS OF ENGINEERS  
11 NORTH CANAL STREET  
CHICAGO, ILLINOIS 60606-7206

January 25, 2000

Paul J. Vogel  
Greely and Hansen  
Detroit Office  
211 West Fort Street Suite 710  
Detroit, Michigan 48226-3202

Dear Mr. Vogel:

I'm writing this letter in response to the memorandum you wrote to the Little Calumet River Basin Development Commission dated November 8, 1999. I do apologies for the delay in responding to your memorandum. The first quarter of this year has been a very busy one for this project, we are in the process of awarding 4 contracts. As you know, this is the ideal time to get contracts.

I did make the time to go visit the pump stations with Jim Flora and Jim Pokrajac on December 10. I thought it was a good field meeting I have a better understanding for the that were mad by GSD, as a result of the visit we can bring some of these issues to close. One other thing that I have done to expedite the process of resolving outstandin issue is that I will have a person from our office dedicated to help me coordinate and resolve all outstanding issues regarding the Gary Sanitary District concerns. I will have the services of Sue Davis. She will be available to work on this item starting the last week of January. Ms. Davis works in the Hydrology and Hydraulic Section. She was the senior engineer for H&H when the modeling for this project was established. She brings a lot of history on this project and I feel she is the write person to help me bring a resolution to a lot of your concerns.

I would like to ask that we set a meeting date for the the week of February 14. This meeting will serve to inreduce Sue to the GSD issues and we can bring resolution to some of the issues in the memorandum. My schedule is usally bad on Mondays and Fridays. Please let me know which day works for you so that I that I can make Sue Davis and myself available. I can also coordinate with the LCRBDC. Please if you have any questions, please call me at 312-353-6400 ext. 1809 or yo can email me imad.samara@usace.army.mil.

Sincerely Yours

Imad N. Samara  
Project Manager



January 11, 2000

Mr. Imad Samara  
Programs & Project Management Division  
Project Management Branch  
Corps of Engineers  
111 North Canal Street  
Chicago, IL 60606-7206

Re: Stage IV - 1 North

Dear Mr. Samara:

We have reviewed the drawing of the cross-section of the concrete channel lining proposed by Dillon Contractors, Inc. (DCI) with Jim Pokrajac of the LCRBDC. DCI's proposed cross-section eliminates the center channel of the original cross-section and replaces it with slightly increased side slopes of a v-shaped ditch. This proposed design does not meet the requirements of the LCRBDC. In particular it does not allow small flows to be concentrated in a small center channel where they can flow away. We therefore request that the Corps reject this proposal.

If you have any questions, please call.

Very truly yours,

R. W. ARMSTRONG & ASSOCIATES, INC.

James J. Flora, Jr., P.E.  
Vice President

JJF:kf  
911939

cc: Dan Gardner, LCRBDC  
✓ Jim Pokrajac, LCRBDC  
Tom Deja, COE

P. 219.738.2258	F. 219.738.2259	
8300 BROADWAY		MERRILLVILLE, IN 46410-6251
WEB SITE: <a href="http://www.rwarmstrong.com">www.rwarmstrong.com</a>		



# Little Calumet River Basin Development Commission

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MARION WILLIAMS  
*Lake County Commissioners' Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 18, 2000

Mr. Frank Janosi  
Distribution Project Engineer  
NIPSCO  
1313 - 167<sup>th</sup> Street  
Hammond, Indiana 46324

Dear Frank:

Enclosed for your information is a copy of the location of the existing NIPSCO and Ameritech lines from Colfax Avenue going westward to serve WIND Radio Tower. This is overlaid onto the Corps of Engineers plan and profile plan (Sheet C-9) showing its location relative to the proposed levee and ditch installations.

In the near future, we would like to have a coordination meeting with you and the Army Corps to review if a double relocation would be needed. At this point in time, the Corps wishes us to install a temporary re-locate outside the work limits, then after their construction is completed, re-locate the re-locate to the proposed permanent installation. As we have previously expressed, we would like to have this line in place until construction is completed, upon which we would request NIPSCO to install the electric service as per your previous submittal.

If you have any questions regarding this, please call me at the above number.

Sincerely,

James E. Pokrajac, Agent  
Land Management/Engineering

/sjm  
encl.  
cc:

Brian Woodbury, NIPSCO  
Bill Smith, Ameritech  
Imad Samara, COE  
Jan Plachta, COE  
Jim Flora, R.W. Armstrong

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the company's financial health and for providing reliable information to stakeholders. The document then outlines the specific procedures for recording transactions, including the use of standardized forms and the requirement for double-checking entries. It also addresses the need for regular audits to ensure the accuracy and integrity of the records. The second part of the document focuses on the role of the accounting department in managing the company's finances. It describes the various responsibilities of the department, such as budgeting, forecasting, and reporting. It also highlights the importance of communication and collaboration between the accounting department and other departments within the organization. The document concludes by reiterating the commitment to transparency and accountability in all financial matters.

It is the policy of the company to maintain the highest standards of accuracy and integrity in all financial reporting. Any discrepancies or errors must be reported immediately to the appropriate authorities. The accounting department is responsible for ensuring that all transactions are recorded correctly and that the financial statements are prepared in accordance with the relevant accounting standards. The company's financial records are subject to regular audits by independent auditors to ensure their reliability. The accounting department will continue to work closely with other departments to ensure the company's financial health and to provide accurate and timely information to all stakeholders.



# Little Calumet River Basin Development Commission

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*Executive Director*

LOUIS CASALE  
*Attorney*

January 13, 2000

Mr. Jan Plachta  
U.S. Army Corps of Engineers  
111 N. Canal Street  
Chicago, Illinois 60606-7206

Dear Jan:

Enclosed as per your request is a copy of the cost estimate from NIPSCO in their letter dated December 6, 1999, in the amount of \$25,922 for relocating the existing electric to a new overhead pole line that would serve the WIND radio station tower. Also enclosed in this letter is a breakdown of the description of work.

This estimate is a preliminary estimate that may require slight modifications but may be used, at this point in time, to serve your needs.

If you have any questions regarding this estimate, please call me at the above number.

Sincerely,

James E. Pokrajac, Agent  
Land Management/Engineering

/sjm  
encl.  
cc:

Frank Janosi, NIPSCO  
Brian Woodberry, NIPSCO  
Imad Samara, COE  
Jim Flora, R.W. Armstrong Co.



[illegible]



## Northern Indiana Public Service Company

*A subsidiary of NIPSCO Industries, Inc.*

1313 - 167th Street  
Hammond, Indiana 46324  
December 6, 1999

Mr. James E. Pokerjack  
Little Calumet River Basin Commission  
6100 Southport Road  
Portage, IN 46368

RE: Electric Relocate to the WIND Radio Station Towers

Dear Mr. Pokerjack,

I have worked up a preliminary cost estimate for relocating the underground electric to an overhead pole line that serves the radio station towers as shown on the drawing I sent you on November 8, 1999. The cost is \$25,922.00 and includes installing 2-40' CL4 and 3-45' CL2 poles, 5-spans of #2AA 12.5KV 3PH overhead primary and neutral conductors, 1-10KVA 120/240V 1PH line transformer, and approximately 100' of 3C-#2AL concentric underground primary cable in 3" PVC conduit.

The above estimate is based on leaving Pole #94954 in it's existing location, and adjusting the entrance drive to the top of the proposed levee to accommodate the pole. Also, this pole has an existing 10KVA 1PH line transformer on it that feeds a street light and R.R. crossing signals. I would propose to relocate this transformer to the first new pole west of Pole #94954 in order to make room on Pole #94954 for the new 3PH primary tap to the west.

If you have any questions, please call me at 219-853-5082.

Sincerely,

Frank Janosi  
Distribution Project Engineer

cc: Brian Woodberry, Nipsco Utility Highway Affairs



January 28, 2000  
VIA FACSIMILE

Jim Pokrajac  
Little Calumet River Authority

Dear Jim Pokrajac,

The Ameritech phone lines that they want to reroute need to be below ground. The radio frequency energy (RF) coming from our towers gets into phone lines. If these lines are below ground, this will provide shielding from the RF. Please talk to Ameritech ASAP. Please call me if I need to get involved. I spoke to one of their technicians regarding this last week and he said he would speak to Jim Smith about it. If the RF gets into these lines it will make them worthless. The data lines that we use to get our audio will likely be affected too. This could have a very detrimental effect on our operation.

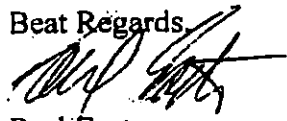
I am also concerned that the RF could get into the phones in the surrounding houses. This situation could cause numerous problems with our neighbors. Being that that site is very remote we cannot afford to have our neighbors angry with us.

Currently I have no program origination capability at the transmitter site and anything that affects these lines needs to be coordinated with me well in advance to prevent any interruption to our signal. All of our programming comes from our studios downtown via these lines. There is also a station in Indiana that has a microwave antenna on our tower that gets it's programming from Chicago via these lines.

When the NIPSCO power lines are rerouted they need to be underground also. This is mainly for safety, but overhead power lines are not good for our radiation pattern. I also am working on getting our backup power system ready. We cannot change out our power feed until our backup power system is ready.

All of these changeovers need to be done late at night with one of our technicians on the scene to eliminate or reduce the loss of on air time, revenue and ratings.

Best Regards,



Paul Easter  
Chief Engineer  
WIND Radio

Cc: David Stewart, Jim Pagliai, Linda George

Meeting with the Norfolk Southern railroad regarding construction issues on the Little Calumet River Flood Control Project, Stage IV, Phase 1 South was held on January 13, 2000 at 1:00 p.m. at the Chicago District, Engineering Division Conference room. Attendees at the meeting were:

David Orrison	Norfolk Southern R.R.
Jim Pokrajac	LCRBDC
Utpal Bhattacharya	ED-G
Huma Nisar	ED-DC
Jan Plachta	PP-PM
Imad Samara	PP-PM
Eric Sampson	ED-DS

First discussed were the ED-G recommendations concerning the Settlement Monitoring of the railroad embankment. These plates will monitor both vertical and horizontal movement. In general, David Orrison concurred with the ED-G plan with some revisions. Memorandum CELRC-ED-G, dated 12 January 2000, with the Railroad Embankment Settlement Monitoring recommendations is enclosed. David recommended that a barrier should be installed around each settlement plate to protect them from damage during construction. Additionally, he recommended that the stakes should also be placed at the same interval on the shoulder of the railroad embankment, above the stakes placed at the base of the embankment.

- It was recommended that these gauges be installed prior to construction.
- These would be in the area adjacent to the sheet piling, and would be at the top and toe of the railroad embankment.
- This information will be included by the COE as part of the plans and specifications.

The monitoring plan will be part of the construction specification and the settlement monitors will be installed as the first order of work, prior to the construction activity. The placement will follow the work limits, for the first 500 feet they will be placed at the shoulder of the embankment. The rest at the top only as permitted by the work limits. Norfolk Southern RR will install the plates at the top of the embankment.

The Railroad requested that the contractor be required to stake out the railroad right-of-ways prior to construction to define when they are on railroad property.

The COE should show the railroad r/w lines on their drawings.

The COE provided the Norfolk Southern with a 100% set of plans and specs. Orrison requested an updated set for cross-referencing his concerns.

David Orrison requested that the stakeouts of the work limits should be specified on the sheet C-1. Railroad right-of-way line should be shown too. To provide a reasonable cost estimate, we will need to estimate the number of construction days on railroad property. The COE will provide their man hour estimate to the Norfolk Southern Railroad. Any activity in this area will need a railroad flagman. For comparison purposes, Dave Orrison was provided with copies of cost estimates that were prepared by EJ&E railroad. These costs are for labor and material



necessary as part of the sheet piling installation across the EJ&E right-of-way near Black Oak Road.

- It was agreed that in the area west of the WIND Radio that the EJ&E would provide the necessary labor to remove and replace rail/tie sections to allow sheet pile installations.
- Orrison to fax Pokrajac the format for the force account estimate that would be included as part of the right of construction agreement. He would give us costs to fill in the blanks after the COE gives him man hours.
- It was agreed that this work would be part of the construction contract cost. LCRBDC will get agreement – Contractor will pay costs.

Discussed was the width at the top of the levee in the area west of Stevenson on Black Oak Road. The N.S. RR preferred the 12' width. The COE levees have a standard using a 10' width, and 6" of Indiana #53 slag with geotextile fabric. The railroad requested that this proposed section be adequate for their maintenance equipment after and during construction. The COE assured that it would be. There is no real estate available for a 12' width. The contractor will be required to keep this road serviceable at all times. Accessibility at all times for the railroad should be assured. The contractor will be responsible to pre-coordinate this with the railroad. Additional clarifications will be provided at the pre-construction meeting.

In the "French Drain Detail", Sheet C-8, David Orrison would like to see a plastic high-density polyethylene perforated pipe. We must avoid ponding, ruts, or mud that would prohibit access in all areas currently being used as access roads or for storage by the railroads.

Sheet C-9, access road, west of Colfax Avenue should be kept open at all times. Note should be added on "Ditch 5", for the location of the drawing with the gatewell structural details. There is nothing on the plan that may have impact on the railroad gate crossing. Biggest change will be on Sheet C-10. Discussed was the 24" CMP that will be filled with grout in accordance with the INDOT specification 714.04. A new gatewell structure will be installed east of this area in the I-wall to allow standing water to flow south and east out of this area to the river.

- In the area between the WIND Building and Colfax, the N.S. RR requested that the existing N.S. RR laydown area should be limited to the contractor for storage.

Sheet C-11, the hatched area, at station 64+00 will be covered by riprap, sloped and drained towards the river. Additional riprap will be placed, for a length of about 200', outside of work limits. It is estimated that this work will be done in a day at a cost of less than \$5,000. It would be part of our agreement.

- N.S. RR had concerns of erosion in this area outside of our existing work limits.
- The COE assured that riprap would be done within the limits.
- If additional riprap is needed, the LCRBDC would enter the cost of work (to be done by the Norfolk Southern RR) into the right-of-construction agreement.
- Orrison to provide force account estimate for this area under the bridge to Pokrajac.
- LCRBDC would pay N.S. RR and it would be creditable.

Sheet S-14 to show also top of rail elevation. Two (2) 4" conduits, located about 3 feet below the top of wall, or about 4 feet below the top of ground surface will be shown on the drawings for



future fiber optics communication lines. This is the railroad signal requirement. Eric Sampson will show them on his drawings. Elevation notes should be added to the drawing.

It was agreed that final plans and specifications with the amendments would be forwarded to David Orrison by February 7<sup>th</sup>. Imad Samara said that project advertisement date is 19<sup>th</sup> of January. The drawings should be ready by the end of next week.

REAL ESTATE NOTES:

Orrison suggested that at this point in time, that only Stage IV Phase 1 South would be addressed because the COE has not completed plans and specifications for the betterment levee Phase 2 for his review and comments.

Jim Pokrajac stated that Judy Vamos from LCRBDC had numerous conversations with the Norfolk Southern lawyers and real estate specialists on the subject of construction agreement. Judy Vamos will prepare the list and fax it to Dave Orrison in the hope that this will help to expedite approval of the agreement.

All engineering concerns should be addressed by the COE and the plans and specifications should reflect this and be sent to the Norfolk Southern no later than February 7<sup>th</sup>.

The uniform offer might take up to six (6) months. However, the right of construction, when signed, will serve as the necessary document to sign the right-of-entry.

- Orrison to send blank format of the force account estimate to Pokrajac on January 17, 2000. This will be attached to the right of construction agreement.
- Orrison to provide cost figures to fill in the blanks upon receipt of manhour estimates from the COE to determine flagman hours.

LCRBDC to submit right of construction to Orrison no later than January 21, 2000. Orrison will forward this for distribution to the contracts representatives and anticipates the review to take approximately 2 weeks (February 4<sup>th</sup>). On February 7<sup>th</sup> - 11<sup>th</sup>, it will go through the signature process and should be approved by the 11<sup>th</sup> of February.



1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom. It is shown that the structure of the atom is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

2. In the second part of the paper, the author discusses the problem of the structure of the nucleus. It is shown that the structure of the nucleus is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

3. In the third part of the paper, the author discusses the problem of the structure of the molecule. It is shown that the structure of the molecule is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

4. In the fourth part of the paper, the author discusses the problem of the structure of the crystal. It is shown that the structure of the crystal is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

5. In the fifth part of the paper, the author discusses the problem of the structure of the solid. It is shown that the structure of the solid is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

6. In the sixth part of the paper, the author discusses the problem of the structure of the liquid. It is shown that the structure of the liquid is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

7. In the seventh part of the paper, the author discusses the problem of the structure of the gas. It is shown that the structure of the gas is determined by the laws of quantum mechanics, which are based on the principle of the uncertainty of the position and momentum of the particles.

REC'D JAN 26 2000



**MARATHON ASHLAND** Petroleum LLC  
Marketing & Transportation  
Engineering Department

277 Streamwood Drive  
Valparaiso, IN 46383  
Telephone 219/477-4001  
FAX 219/531-5422

January 24, 2000

Mr. James E. Pokrajac  
Little Calumet River Basin Development Commission  
6100 Southport Road  
Portage, IN 46368

**RE: Marathon Ashland Pipe Line LLC 6" Pipeline Relocations  
Burr Street Levee Improvements**

Dear Mr. Pokrajac:

As per our discussion last week, enclosed please find a revised estimate for the relocation costs for Marathon Ashland Pipe Line LLC to relocate their 6" light products pipeline. The change in the estimate reflects some minor adjustments for doing the work in 2000 instead of 1999 and the additional relocation for the replacement of the pipeline under Colfax Street. When the last estimate was prepared, the settlement due to the raising of Colfax Street was overlooked. Please use this new estimate and forward the revised Reimbursement Agreement to Mr. Jeff Donnelly or Mr. Steve Woods at Marathon Ashland Pipe Line LLC, PO Box F, Martinsville, IL 62442.

Also, enclosed is a drawing showing the locations of the three pipe replacement sections.

If additional information is needed, please contact me. Thank you for your help in this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read 'David L. Woodsmall'.

David L. Woodsmall, P.E.  
Project Manager

REVISED AMOUNT TO INCLUDE COLFAX  
WILL BE \$287,000.

enclosure

cc: J.A. Donnelly - via GroupWise  
S.M. Woods - via GroupWise  
D.G. Schulze - via GroupWise

16



# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1653  
E-mail [littlecal@nirpc.org](mailto:littlecal@nirpc.org)

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*Governor's Appointment*

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*Porter County Commissioners' Appointment*

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*Governor's Appointment*

MARION WILLIAMS  
*Lake County Commissioners' Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 7, 2000

Mr. James Mandon  
City Engineer, Plan Dept.  
Town of Munster  
1005 Ridge Road  
Munster, Indiana 46321

Dear Jim:

Enclosed for your use are five (5) sets of prints for the upcoming engineering for the construction of the levee segment between Northcote and Columbia Avenue, south of the river in Munster (Stage VII). Please distribute these prints as necessary to gather information that we could use for a pre-design coordination meeting with the appropriate representatives from the town of Munster.

We would request that you complete your review no later than January 21<sup>st</sup>. Please contact us at your earliest convenience in order that we may schedule a meeting with your representatives, the Army Corps of Engineers, Earth Tech (Corps of Engineers engineering consultants), and the Little Calumet River Basin Development Commission. It is our intent to work with the town of Munster to assure that the concerns of your community are addressed prior to the A/E starting their design.

If you have any questions regarding this information, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm

cc: Imad Samara, COE  
Emmett Clancy, COE  
Jan Plachta, COE  
Lou Casale, LCRBDC attorney  
Jim Flora, R.W. Armstrong Co.  
Judy Vamos, LCRBDC



# Little Calumet River Basin Development Commission

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Portage, Indiana 46368

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E-mail [littlecal@nirpc.org](mailto:littlecal@nirpc.org)

EMERSON DELANEY, Chairman  
*Governor's Appointment*

WILLIAM TANKE, Vice Chairman  
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MARION WILLIAMS  
*Lake County Commissioners' Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 7, 2000

Mr. Stan Dostatni  
City Engineer  
City of Hammond  
5925 Calumet Avenue  
Hammond, Indiana 46320

Dear Stan:

Enclosed for your use are five (5) sets of prints for the upcoming engineering for the construction of the levee segment between Northcote and Columbia Avenue, north of the river in Hammond (Stage VII). Please distribute these prints as necessary to gather information that we could use for a pre-design coordination meeting with the appropriate representatives from the city of Hammond.

We would request that you complete your review no later than January 21<sup>st</sup>. Please contact us at your earliest convenience in order that we may schedule a meeting with your representatives, the Army Corps of Engineers, Earth Tech (Corps of Engineers engineering consultants), and the Little Calumet River Basin Development Commission. It is our intent to work with the city of Hammond to assure that the concerns of your community are addressed prior to the A/E starting their design.

If you have any questions regarding this information, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm  
cc:

Imad Samara, COE  
Emmett Clancy, COE  
Jan Plachta, COE  
Lou Casale, LCRBDC attorney  
Jim Flora, R.W. Armstrong Co.  
Judy Vamos, LCRBDC



# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1651  
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Governor's Appointment

MARION WILLIAMS  
Lake County Commissioners'  
Appointment

DAN GARDNER  
Executive Director

LOUIS CASALE  
Attorney

January 13, 2000

Dr. Michael Unger  
Hammond Sanitary District  
5143 Columbia Avenue  
Hammond, Indiana 46327-1794

Dear Dr. Unger:

Enclosed for your information is a copy of the appendices submitted to us by the Army Corps on January 4, 2000 regarding the rehabilitation of the Southeast Hessville pump station. The enclosed information provides the proposed scope of work for the station. Please review the enclosure. It will be our agenda for discussion and comments.

We have a meeting scheduled with the Army Corps of Engineers at 9:30 a.m. on Wednesday, January 26<sup>th</sup> at the Highland Town Hall. Please make arrangements to have the appropriate representatives from your community at this meeting. If you have any problems attending this meeting, please contact me at your earliest convenience in order that we may reschedule the meeting.

Sincerely,

James E. Pokrajac, Agent  
Land Management/Engineering

/sjm

encl.

cc: Imad Samara, COE  
Jan Plachta, COE  
Tom Deja, COE  
Jim Flora, R.W. Armstrong Co.  
Rick Sutton, H.S.D.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable sources of information.

3. The third part of the document describes the process of identifying and addressing potential risks and challenges. It stresses the importance of proactive risk management and the need to develop effective strategies to mitigate potential threats.

4. The fourth part of the document discusses the role of communication and collaboration in achieving the organization's goals. It emphasizes the importance of clear communication and the need for all team members to work together effectively.

5. The fifth part of the document provides a summary of the key findings and conclusions of the study. It reiterates the importance of maintaining accurate records and the need for a systematic approach to data collection and analysis.

6. The final part of the document provides a list of references and sources used in the study. It includes a variety of academic journals, books, and online resources that provide additional information on the topics discussed in the document.

7. The document concludes with a statement of the author's appreciation for the support and assistance provided by the organization and its staff during the course of the study.



# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1650  
E-mail: littlecal@nirp.org

EMERSON DELANEY, Chairman  
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MARION WILLIAMS  
Lake County Commissioners'  
Appointment

DAN GARDNER  
Executive Director

LOUIS CASALE  
Attorney

January 13, 2000

Mr. John Bach  
Public Works Department  
Town of Highland  
3333 Ridge Road  
Highland, Indiana 46322

Dear John:

Enclosed for your information is a copy of the appendices submitted to us by the Army Corps on January 4, 2000 regarding the rehabilitation of the North 5<sup>th</sup> Avenue pump station (north side), the North 5<sup>th</sup> Avenue pump station (south side) and the 81<sup>st</sup> Street pump station. The enclosed information provides the proposed scope of work for each of the stations. Please review the enclosure. It will be our agenda for discussion and comments.

We have a meeting scheduled with the Army Corps of Engineers at 9:30 a.m. on Wednesday, January 26<sup>th</sup> at the Highland Town Hall. Please make arrangements to have the appropriate representatives from your community at this meeting. If you have any problems attending this meeting, please contact me at your earliest convenience in order that we may reschedule this meeting.

Sincerely,

James E. Pokrajac, Agent  
Land Management/Engineering

/sjm  
encl.

cc: Imad Samara, COE  
Jan Plachta, COE  
Tom Deja, COE  
Jim Flora, R.W. Armstrong Co.







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DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

January 24, 2000

Mr. Imad Samara  
U.S. Army Corps of Engineers  
111 North Canal Street  
Chicago IL 60606-7206

Dear Imad:

On October 29, 1999, the COE had a formliner presentation in Chicago with R & J Construction Supply Company providing samples and general construction information regarding formliners. We discussed the possibility of using an optional formliner, in lieu of the standard fractured fin surfaces for certain areas in the West Reach.

You had given me the task to coordinate with R & J Construction to obtain cost information as well as general specifications and application data which could then be discussed and coordinated with you at a future date. We used an example in the area where approximately 1,500 linear feet of 9' high I-wall would be installed as part of the Stage V-Phase 2A contract between Woodmar Country Club and the Wicker Park Golf Course. I am enclosing a copy of a letter submitted to me by R & J Construction on January 4, 2000, with general information regarding cost, methods of construction, site conditions, and general comparisons with fractured fin surfaces. Bill Rausch from Rausch Construction, who has had experience on past COE projects with fractured formliner installation and is familiar with these formliner applications, was consulted to help provide this information.

It appears that under certain conditions, the use of an alternate formliner with coloring and the use of repetitive gang framework would actually be a savings. As we have indicated to you, our Commissioners feel that if it is possible, we would like to incorporate the appropriate specifications and data, where applicable, in the West Reach. It would be very helpful during the acquisition process to be able to show residents, businesses, and golf courses this type of formliner so that when the construction is completed, they will have a "more desirable" look in their backyards.

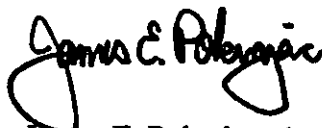


Mr. Imad Samara  
January 24, 2000  
Page 2

Several years ago, at one of our Commission monthly meetings, several residents from Stage VIII (east of Hohman Avenue and north of the river) expressed written concerns that we feel will be typical of many West Reach residents. The existing levees in their backyards have provided a "nature type" setting with trees and landscaping. These levees have been there for 25 to 30 years, and they have not had any problems from the river. If we use a more attractive formliner and incorporate some creative landscaping, months of extra work and negotiations with concerned residents may be saved. We hope, that in the spirit of working together, you will incorporate this into future specifications and plans where applicable.

Please contact us at your earliest convenience to schedule a meeting to review, discuss, and consider this request.

Sincerely,



James E. Pokrajac, Agent  
Land Management/Engineering

/sjm  
encl.

cc: Joe Nasvik, R&J Construction  
Bill Rausch, Rausch Construction  
Jan Plachta, COE  
Tom Deja, COE  
Robert Huffman, LCRBDC  
Lou Casale, LCRBDC attorney  
Judy Vamos, LCRBDC



# Construction Supply Company, Inc.

## *Just Rite Rentals*

*Contractors Equipment • Supplies • Rentals*

January 4, 2000

To: Jim Pokrajac

From: Joe Nasvik

Re: Formliner Wall Recommendations

I met with Bill Rausch to discuss ways to make formliner walls more economical to install. The following are some of our recommendations.

### **'Batter Walls' vs. Tapered Walls**

There is no cost difference for installing tapered 'batter' walls over even thickness walls, especially when gang forming is involved.

### **Curving and Radius Walls**

Curves and radius formwork is much more expensive than 'segment' walls and should be avoided. When formliners of any type are involved, curved surfaces become even more expensive. A curved, batter wall is the most expensive of all. Formliner installation (for all formliners) involves considerable detail work.

### **Using Sheet Pile as a Wall Surface**

There would be a significant cost increase if sheet pile is used as one of the wall surfaces.

### **Summer vs. Winter Construction**

Winter construction will cost more and will take approximately twice the installation time. In the summer wall segments can be poured and stripped each 24 hours. Under winter conditions forms would be stripped every two days minimum. In addition form structures would be insulated, wrapped in curing blankets and heated with construction heaters. If temperatures became very cold, winter admixtures might become necessary also. And labor factors increase as the temperatures decrease. If construction cannot be conducted during the summer months, it was felt that starting work in October might serve as a good compromise date. This would allow preparation work in the dirt and some pouring before serious winter conditions. Landscaping could be completed early in the spring for the Golf Courses.

### **The Least Expensive Method of Construction**

Walls that can be poured using gang forms are the most productive. Twenty-foot length forms are ideal. Three 20' gang forms can be set up for one pour for best productivity.

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF THE HISTORY OF ARTS

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Small cranes can be used to move them to location. Forms can be constructed with minimal use of form ties going through the concrete. And formliners that lend themselves to a large number of re-uses can be permanently attached.

#### **Formliner Walls vs. Plain Concrete Walls**

Considering the easiest wall to construct (the wall between the two Golf Courses), it would appear that pouring plain concrete surfaces could save approximately \$5 per sq.ft.

#### **Fractured Fin Formliner Surfaces vs. Unit Masonry Surfaces**

Bill Rausch has not had good experiences with multiple use fractured fin formliners. So his company will bid single use product for all future projects. Factoring in the cost of labor to remove liners after a pour and install new ones, the cost of unit masonry liners by Milestone becomes a bargain. My best guess is that fractured fin liners mounted on a gang form for the Golf Course portion of the work would cost about \$4.60 per sq.ft installed. This would not include any coloring or detail work afterwards. By contrast, unit masonry formliners used on the bases of a forty-cycle life, would cost \$1.35 per sq.ft. If coloring (three colors) and basic detail work is added, the total cost now becomes \$3.95. I have to stress that these costs relate to repetitive gang formwork. The added cost for using formliners changes when there are few uses or when unit masonry liners have to be attached to the wall form each time there is a pour (because of changed wall sizes, etc.). I think the numbers would still favor Milestone liners however.

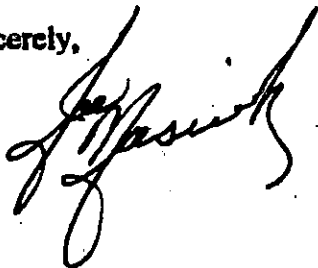
As a side note, there are benefits for all parties when finished surfaces are colored. Clients like the realistic appearance and contractors like the fact that color changes in concrete lead for load, patching, and detail work will not stand on the finished product. Coloring is a very long life and for all practical purposes, is a no maintenance feature.

#### **Multiple Patterns**

You mentioned to me at one point that property owners could be offered three or four different patterns as a way of helping them feel more comfortable with this project. That would definitely add more to the cost of the project. One pattern used everywhere would be the least expensive.

I think this covers all the points that you and I have discussed. The one other thing that I think you should include in your consideration is the use of a referee sample in the bidding process. I will plan to touch base with you soon.

Sincerely,



## REGION

# Hartsdale Pond to offer Little Cal flood relief

■ When the project is complete, the former clay pit will lower the river level by up to a foot.

BY SHELLEY SEPIOL  
Staff Writer

SCHERERVILLE — A small pond soon will have a higher calling: providing extra capacity within the entire 40-square-mile watershed south of the Little Calumet River.

Within two years, Hartsdale Pond will have a maximum capacity of 300 acre-feet of storm water storage. An acre-foot of storage means that one acre of land could hold one

foot of water.

Such storage on Hartsdale could lower the Little Calumet River by as much as 6 inches to 1 foot, according to Lake County Surveyor George Van Til.

"That's pretty substantial," Van Til said, "because as more water collects the greater the chance of flooding."

Located on Spring Street Ditch, just west of Kennedy Avenue and northwest of Division Street, the pond was created about 10 years ago when former owner Florian O'Day used the site to excavate clay.

O'Day struck a deal to let the county take over the pit if he were allowed to fill in Spring Street Ditch on his property and set its course farther west.

NOT TRUE

The county agreed and acquired the clay pit pond. In 1998, the county spent \$28,000 to construct a low-flow channel along the edge of the pond, once again disconnecting the ditch's flow from the pond.

The body of water has since been used to collect storm water during rainy weather. The Lake County Drainage Board on Wednesday approved plans and specifications to install a pump, pump station and concrete spillway along the pond.

The plan is to pump the pond dry in drier weather when the Little Calumet can handle the additional flow. The empty pond then will be able to hold excess water in rainy weather, decreasing local flooding.

The concrete spillway will keep water runoff from eroding the

banks. The county also plans to excavate the pond bottom to create the full 300-acre-feet of storage.

Van Til said U.S. Rep. Peter Visclosky, D-Merrillville, is bending the ear of the Army Corps of Engineers to encourage it to use excavated clay for the construction of levees along the banks of the Little Calumet.

Van Til anticipates installation of the pump will begin in six months. Nearly \$400,000 from the county surveyor's cumulative capital improvement fund, Lake County Drainage Board and Build Indiana Fund will cover the costs.

Construction of a spillway will cost an estimated \$200,000 more, which Van Til hopes to receive from the Indiana Department of Environmental Management.

THIS WILL BE  
COORDINATED  
WITH THE COUNTY  
AND THE CORPS

100

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## ***LAND ACQUISITION REPORT***

### ***Thursday, February 3, 2000***

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#### **STATUS (Stage II Phase I) – Harrison to Broadway – North Levee:**

1. Project completed July 10, 1992.  
Dyer Construction – Contract price \$365,524

#### **STATUS (Stage II Phase II) – Grant to Harrison – North Levee:**

1. Project completed December 1, 1993  
Dyer/Ellas Construction – Contract price \$1,220,386

#### **STATUS (Stage II, Phase 3A (8A) – Georgia to Martin Luther King – South Levee:**

1. Project completed January 13, 1995.  
Ramirez & Marsch Construction – Contract price \$2,275,023

#### **STATUS (Stage II, Phase 3B) – Harrison to Georgia – South Levee:**

1. Project currently 98% complete.
2. Additional land will be required to extend a recreation trail off of the existing levee north of IUN to allow recreation trail users. (Refer to Recreation Report.)

#### **STATUS (Stage II, Phase 3C2) – Grant to Harrison:**

1. The re-location of the recreation trail due to the crossing at Grant St. would require agreements with the Steel City Truck Stop and the city of Gary to be able to cross Grant St. at the light at 32<sup>nd</sup> Ave.
  - We are considering moving the trail further east (nearer Gilroy Stadium) and coming south off the existing levee to 32<sup>nd</sup> Avenue. (A field meeting will be scheduled with the COE to agree to a new location.) (ongoing)

#### **STATUS (Stage II, Phase 4) – Broadway to MLK Drive – North Levee:**

1. A letter was sent to the Norfolk Southern Corporation on February 22<sup>nd</sup>, 1999, enclosing the easement agreements and the offer for these easements.

#### **STATUS (Stage III) – Chase to Grant:**

1. Project completed on May 6, 1994.  
Kiewit Construction – Contract price \$6,564,520

#### **STATUS (Stage IV – Phase 1-North) – Cline to Burr (North of the Norfolk Southern RR):**

1. A modified location survey was completed and the demolition of the existing Taborski garage will be included as part of the flood control project.
  - A quote was received from Dale Nimetz to install a new driveway, culvert, and edging in the amount of \$3,275. (The driveway was installed on December 31<sup>st</sup>, according to plans & specs.)
  - A follow-up letter was sent to Taborski on January 4<sup>th</sup>, 2000, indicating the garage will be build in the Spring.





**STATUS (Stage IV – Phase 1-South) – Cline to Burr (South of the Norfolk Southern RR):**

1. The most recent schedule with the COE for Stage IV Phase 1 (South) would be to complete acquisition by January 31<sup>st</sup>, 2000, advertise on February 7<sup>th</sup>, 2000; award contract on April 24, 2000; and have a construction start by May 21, 2000 with a one year scheduled completion.
2. The staging area will be located west of the EJ&E RR and north of Black Oak Road on properties currently owned by INDOT. The legals have been completed and we have forwarded easement agreements for approval.
  - INDOT was submitted the easement agreements on January 25<sup>th</sup>, 2000 and modified plats and legals (changed wording from “easement to permit”) were sent on February 2<sup>th</sup>, 2000.
  - EJ & E concerns regarding their crossing at Blackoak Road in a letter dated January 13<sup>th</sup>, 2000, stated that INDOT modified the status to a private crossing and easements were not necessary.
3. Uniform land offers were sent to both the Norfolk Southern Corporation and the E.J. & E. RR on November 15<sup>th</sup>, 1999.
  - A meeting was held with the COE and the NSRR on January 13<sup>th</sup>, 2000, to review engineering on ongoing real estate discussions to approve the right of construction.
4. A draft right of construction was sent to the EJ & E on January 20<sup>th</sup>, 2000. To save time, E.J.&E will write a new right-of-construction since the draft copy we sent was not acceptable.

1-3  
4

**STATUS (Stage IV – Phase 2A) – Lake Etta – Burr to Clark:**

1. All construction is currently completed. Pump test is scheduled for mid-April. (Refer to Engineering Report)

**STATUS (Stage IV – Phase 2B) – Clark to Chase:**

1. Construction currently 95% complete. Projected completion in late fall, 1999. (Refer to Engineering Report)

**STATUS (Stage V – Phase 1) – Wicker Park Manor:**

1. Project completed September 14, 1995  
Dyer Construction – Contract price \$998,630

**STATUS (Stage V – Phase 2) – Indianapolis to Kennedy – North Levee:**

1. A letter was written to the COE on October 15<sup>th</sup>, 1999, requesting this project be divided into two separate parts to allow us to expedite acquisition. One part would be V-2A (all construction between Indianapolis and Northcote) and V-2B (all construction between Indianapolis and Kennedy).
  - The COE verbally acknowledged that we would divide this as we requested at our November 30<sup>th</sup>, 1999 Real Estate meeting.
  - We would pursue V-2A first to include the recreation features near Tri-State.
2. Cole Associates were given a contract on November 24<sup>th</sup>, 1999, based upon billable hours to do all West Reach property I.D.
  - We received property ownership identifications from Cole Associates on January 19<sup>th</sup>, 2000. We will lay out ownerships and establish new D.C. numbers.





3. Appraiser John Snell of Indianapolis has verbally agreed to complete the Wicker Park Golf Course appraisal. A meeting will be scheduled with the North Township Trustee and his board.

- North Township requested information on how much easement will be on the existing Wicker Park Golf Course – a layout will be completed by Cole showing these dimensions.

**STATUS (Stage V – Phase 3) – Northcote to Indianapolis – (Woodmar Country Club):**

1. We received final engineering plans and specs from the COE on August 31<sup>st</sup>, 1999.
  - We received the legal descriptions and plat from Cole Associates on January 4<sup>th</sup>, 2000.

**STATUS (Stage VI) – Kennedy to Cline:**

1. At our October 15<sup>th</sup> Real Estate meeting, the COE indicated Stage VI may divided into 2 phases.
  - Stage VI P1 (north of the river all construction and south of the river Kennedy to Grace)
  - Stage VI P2 (south of the river Grace to Cline and the north Grace St. pump station)
  - The current schedule for completing acquisition is August 1<sup>st</sup>, 2000.
2. A letter was sent to the COE on January 5<sup>th</sup>, 2000, requesting that all work North of the river be in Stage VI-Phase 1, and South of the river be in Stage VI-Phase 2.
  - In a meeting with John Sirles on January 20<sup>th</sup>, 2000, it appeared the COE did not want to divide any previously engineered segments into new phases because of cost considerations to modify engineering sets of drawings.

**STATUS (Betterment Levee – Phase 1) E.J. & E. Railroad to, and including, Colfax North of the NIPSCO R/W – Ditch is South of NIPSCO R/W from Arbogast to Colfax.**

1. Current schedule is to advertise by the end of January, 2000 and award the contract by March, 2000 as per our December 21<sup>st</sup>, 1999 Real Estate meeting.
2. Utility Re-Locates: (See Engineering report)
  - NIPSCO – Agreement sent out December 2<sup>nd</sup>, 1999 – anticipated approval on February 2<sup>nd</sup>, 2000.
  - Marathon – Agreement sent out December 23<sup>rd</sup>, 1999 – currently needs to be modified due to Colfax omission by Marathon for Colfax.
3. A draft for the right of construction was sent to the E.J. & E. on January 20<sup>th</sup>, 2000. To save time, E.J.&E will write a new right of construction since the draft we sent was not acceptable.

**STATUS (Betterment Levee – Phase 2) Colfax to Burr Street, then North NSRR, then East (North of RR R/2) ½ between Burr and Clark, back over the RR, then South approx. 1,400 feet.**

1. Current schedule is to advertise by May 15<sup>th</sup>, 2000, award contract by August 15<sup>th</sup>, 2000, and a construction start of September 15<sup>th</sup>, 2000 – 360 days to complete.
2. N.S. portion of agreement was submitted with IV-1 South. This will be on hold until engineering is completed for Norfolk Southern review.





#### **EAST REACH REMEDIATION AREA – (NORTH OF I-80/94, MLK TO I-65):**

1. The construction start was September 1999, with an anticipated one-year completion.
2. Easement agreements were submitted to INDOT on October 15<sup>th</sup>, 1999, for (3) properties that will be necessary as part of a one year option. **INDOT requested the word “permit” be used instead of “easement agreement”. Wording will be changed and the offers re-submitted.**
  - Agreements have been with INDOT for almost **four (4)** months. **Format has been approved and it is anticipated that these should be signed by mid-February.**

#### **WEST REACH PUMP STATIONS – PHASE 1A**

1. These stations include Baring, Hohman-Munster, Walnut and South Kennedy.
2. We received a letter from the COE Real Estate dated October 5<sup>th</sup>, 1999, (received on October 12<sup>th</sup>) requesting right-of-entry.
3. We sent out the easement agreements for the 4 owners to approve – INDOT, North Township, Town of Munster and City of Hammond on November 8<sup>th</sup>, 1999
  - The COE revised the target date for pump station 1A contract to January 6<sup>th</sup>, 2000, at our December 7<sup>th</sup>, 1999 Real Estate meeting.

#### **WEST REACH PUMP STATIONS – PHASE 1B**

1. These stations include S.E. Hessville (HSD), and (3) Highland Stations – 81<sup>st</sup> Street, and the 5<sup>th</sup> Ave. pump station (N. and S. sides)
2. The current COE scheduled as per our January 26<sup>th</sup>, 2000 coordination meeting is to complete design and review by April 24<sup>th</sup>, 2000, advertise by May 12<sup>th</sup>, 2000, award the contract by June 15<sup>th</sup>, 2000, and start construction by early August – 700 days to complete.

#### **MITIGATION**

1. Survey work for the property at 29<sup>th</sup> and Hanley (DC-616) was **assigned to Great Lakes Engineering on January 20<sup>th</sup>, 2000** and the property between Cline and Liable North of the NIPSCO R/W (DC-617) was assigned to Cole Associates on the same date.
  - **Anticipated completion for the Cline Avenue parcel is mid-February.**

#### **GENERAL**

**At our January 26<sup>th</sup>, 2000 pump station coordination meeting with Highland, the town requested preliminary real estate and engineering drawings for all of the Highland construction. (Cline Ave. to Hart Ditch – South of the river).**

- **This could be used for future community planning.**





Meeting with the Norfolk Southern railroad regarding construction issues on the Little Calumet River Flood Control Project, Stage IV, Phase 1 South was held on January 13, 2000 at 1:00 p.m. at the Chicago District, Engineering Division Conference room. Attendees at the meeting were:

David Orrison	Norfolk Southern R.R.
Jim Pokrajac	LCRBDC
Utpal Bhattacharya	ED-G
Huma Nisar	ED-DC
Jan Plachta	PP-PM
Imad Samara	PP-PM
Eric Sampson	ED-DS

First discussed were the ED-G recommendations concerning the Settlement Monitoring of the railroad embankment. These plates will monitor both vertical and horizontal movement. In general, David Orrison concurred with the ED-G plan with some revisions. Memorandum CELRC-ED-G, dated 12 January 2000, with the Railroad Embankment Settlement Monitoring recommendations is enclosed. David recommended that a barrier should be installed around each settlement plate to protect them from damage during construction. Additionally, he recommended that the stakes should also be placed at the same interval on the shoulder of the railroad embankment, above the stakes placed at the base of the embankment.

- It was recommended that these gauges be installed prior to construction.
- These would be in the area adjacent to the sheet piling, and would be at the top and toe of the railroad embankment.
- This information will be included by the COE as part of the plans and specifications.

The monitoring plan will be part of the construction specification and the settlement monitors will be installed as the first order of work, prior to the construction activity. The placement will follow the work limits, for the first 500 feet they will be placed at the shoulder of the embankment. The rest at the top only as permitted by the work limits. Norfolk Southern RR will install the plates at the top of the embankment.

The Railroad requested that the contractor be required to stake out the railroad right-of-ways prior to construction to define when they are on railroad property.

The COE should show the railroad r/w lines on their drawings.

The COE provided the Norfolk Southern with a 100% set of plans and specs. Orrison requested an updated set for cross-referencing his concerns.

David Orrison requested that the stakeouts of the work limits should be specified on the sheet C-1. Railroad right-of-way line should be shown too. To provide a reasonable cost estimate, we will need to estimate the number of construction days on railroad property. The COE will provide their man hour estimate to the Norfolk Southern Railroad. Any activity in this area will need a railroad flagman. For comparison purposes, Dave Orrison was provided with copies of cost estimates that were prepared by EJ&E railroad. These costs are for labor and material

necessary as part of the sheet piling installation across the EJ&E right-of-way near Black Oak Road.

- It was agreed that in the area west of the WIND Radio that the EJ&E would provide the necessary labor to remove and replace rail/tie sections to allow sheet pile installations.
- Orrison to fax Pokrajac the format for the force account estimate that would be included as part of the right of construction agreement. He would give us costs to fill in the blanks after the COE gives him man hours.
- It was agreed that this work would be part of the construction contract cost. LCRBDC will get agreement – Contractor will pay costs.

Discussed was the width at the top of the levee in the area west of Stevenson on Black Oak Road. The N.S. RR preferred the 12' width. The COE levees have a standard using a 10' width, and 6" of Indiana #53 slag with geotextile fabric. The railroad requested that this proposed section be adequate for their maintenance equipment after and during construction. The COE assured that it would be. There is no real estate available for a 12' width. The contractor will be required to keep this road serviceable at all times. Accessibility at all times for the railroad should be assured. The contractor will be responsible to pre-coordinate this with the railroad. Additional clarifications will be provided at the pre-construction meeting.

In the "French Drain Detail", Sheet C-8, David Orrison would like to see a plastic high-density polyethylene perforated pipe. We must avoid ponding, ruts, or mud that would prohibit access in all areas currently being used as access roads or for storage by the railroads.

Sheet C-9, access road, west of Colfax Avenue should be kept open at all times. Note should be added on "Ditch 5", for the location of the drawing with the gatewell structural details. There is nothing on the plan that may have impact on the railroad gate crossing. Biggest change will be on Sheet C-10. Discussed was the 24" CMP that will be filled with grout in accordance with the INDOT specification 714.04. A new gatewell structure will be installed east of this area in the I-wall to allow standing water to flow south and east out of this area to the river.

- In the area between the WIND Building and Colfax, the N.S. RR requested that the existing N.S. RR laydown area should be limited to the contractor for storage.

Sheet C-11, the hatched area, at station 64+00 will be covered by riprap, sloped and drained towards the river. Additional riprap will be placed, for a length of about 200', outside of work limits. It is estimated that this work will be done in a day at a cost of less than \$5,000. It would be part of our agreement.

- N.S. RR had concerns of erosion in this area outside of our existing work limits.
- The COE assured that riprap would be done within the limits.
- If additional riprap is needed, the LCRBDC would enter the cost of work (to be done by the Norfolk Southern RR) into the right-of-construction agreement.
- Orrison to provide force account estimate for this area under the bridge to Pokrajac.
- LCRBDC would pay N.S. RR and it would be creditable.

Sheet S-14 to show also top of rail elevation. Two (2) 4" conduits, located about 3 feet below the top of wall, or about 4 feet below the top of ground surface will be shown on the drawings for

future fiber optics communication lines. This is the railroad signal requirement. Eric Sampson will show them on his drawings. Elevation notes should be added to the drawing.

It was agreed that final plans and specifications with the amendments would be forwarded to David Orrison by February 7<sup>th</sup>. Imad Samara said that project advertisement date is 19<sup>th</sup> of January. The drawings should be ready by the end of next week.

**REAL ESTATE NOTES:**

Orrison suggested that at this point in time, that only Stage IV Phase 1 South would be addressed because the COE has not completed plans and specifications for the betterment levee Phase 2 for his review and comments.

Jim Pokrajac stated that Judy Vamos from LCRBDC had numerous conversations with the Norfolk Southern lawyers and real estate specialists on the subject of construction agreement. Judy Vamos will prepare the list and fax it to Dave Orrison in the hope that this will help to expedite approval of the agreement.

All engineering concerns should be addressed by the COE and the plans and specifications should reflect this and be sent to the Norfolk Southern no later than February 7<sup>th</sup>.

The uniform offer might take up to six (6) months. However, the right of construction, when signed, will serve as the necessary document to sign the right-of-entry.

- Orrison to send blank format of the force account estimate to Pokrajac on January 17, 2000. This will be attached to the right of construction agreement.
- Orrison to provide cost figures to fill in the blanks upon receipt of manhour estimates from the COE to determine flagman hours.

LCRBDC to submit right of construction to Orrison no later than January 21, 2000. Orrison will forward this for distribution to the contracts representatives and anticipates the review to take approximately 2 weeks (February 4<sup>th</sup>). On February 7<sup>th</sup> – 11<sup>th</sup>, it will go through the signature process and should be approved by the 11<sup>th</sup> of February.

**ELGIN, JOLIET & EASTERN RAILWAY**  
**EXECUTIVE DEPARTMENT**

1141 Maple Road  
Joliet, Illinois 60432-1981  
(815) 740-6635, FAX (815) 740-6729

***EJ&E***

***M. A. PAULL, Project Engineer***

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January 13, 2000

Mr. James E. Pokrajac  
Agent Engineering/Land Management  
Little Calumet River Basin Development Commission  
6100 Southport Road  
Portage, IN 46368

SUBJECT: Little Calumet River Flood Control Project Stage IV, Phase 1, South

Dear Mr. Pokrajac:

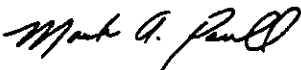
In response to EJ&E concerns regarding the status of the highway/railway crossing of Black Oak Road and the EJ&E, appropriate documentation has been located that verifies that the Black Oak Road Crossing is no longer a public crossing.

Reference the attached letter to Mr. Imad Samara of the U.S. Army Corps of Engineers dated November 22, 1999. More specifically, the third from last bullet point questioned the designation of the Black Oak Road Crossing.

The Indiana Department of Transportation modified the status to a private crossing in 1996. Therefore, the issues raised by said bullet point have been satisfied and are no longer an issue. Alterations to the crossing can proceed without further regard to ownership.

If I can be of further assistance, please contact me.

Sincerely,



Mark A. Paull

cc: Mr. Imad Samara, Department of the Army Chicago District, Corps of Engineers  
KLH



# **LAND MANAGEMENT REPORT**

## **Thursday, February 3, 2000**

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### **NON-PROJECT LAND MANAGEMENT**

#### **A. Handicapped-Accessible Park**

1. The handicapped-accessible park is located on the 42 acres east of Clay and north of Burns Ditch.
2. A meeting will be scheduled with the Land Acquisition/Land Management Committee to review money availability from Lake Erie Land and develop a scope of work.
3. Discussions are ongoing to review the location. There is potential to develop this in Three Rivers Park area for security reasons.

#### **B. Chase Street to Grant Street land management issues**

1. We received a letter from the COE on March 17, 1999 requesting local review for drainage remediation.
  - **The COE sent a letter to the Gary Sanitary District on January 28<sup>th</sup>, 2000, indicating that a coordination meeting will be held during the week of February 14 – 18, 2000, to address ongoing engineering hydrology, and pump station concerns. (This item will be on the agenda.)**
  - Potential exists for drainage improvements to this area with a joint venture between LEL, City of Gary, GSD, COE and LCRBDC.
2. Letters were written to the committee for the improvement of Emerson and the Northwest Indiana Foodbank on December 29<sup>th</sup>, 1999, offering both the opportunity to farm "pick-type" vegetables on 5 acres of land for the 2000 season.
  - **LCRBDC will confirm by early February that there is no interest to farm.**
  - **We intend to advertise no later than the end of February to farm the land South of 35<sup>th</sup>, as well as all land outside the South levee to the North side of 35<sup>th</sup> Ave.**

### **PROJECT RELATED LAND MANAGEMENT**

#### **A. O&M (Project manual review/accepting completed segments)**

1. The COE has requested since August 28, 1997 that we complete our project manual review and then start to accept completed levee segments (distributed condensed O&M Manual) (ongoing)
2. We received the Army corps (draft) O & M manuals for both the Northside and Southside segments for the Richmond flood project along with their version of the O & M on December 30<sup>th</sup>, 1999.
  - **We will schedule a meeting with a committee of commissioners to review the current COE O & M and make comparisons with what Richmond has in place.**



#### B. Gary Sanitary District pump agreements

1. The LCRBDC has agreed with the GSD that the four (4) east reach pump stations will hereby be referred to as follows:
  - Ironwood stormwater pumping station – (Stage II-4)
  - Broadway stormwater pumping station – (Stage II-3B)
  - Grant St. stormwater pumping station – (Stage II-3C-2)
  - North Burr St. stormwater pumping station – (Stage IV-2A)
2. Refer to each stage/phase of these stations for current status in the Engineering Report.
3. A meeting was held with the COE on December 10<sup>th</sup>, 1999, at 9:30 to field review the pump stations and review other GSD concerns.
  - We submitted a sample of a checklist for turnover for each of the four (4) stations to the COE for review and comments on December 21<sup>st</sup>, 1999.
4. **Operational pump tests were held for the Ironwood and Broadway Stormwater Pumping Stations with Rausch Construction on January 11<sup>th</sup>, 2000. (Refer to Engineering Report for details.)**
5. **The COE sent a letter to Greeley and Hansen (GSD engineering consultants) on January 28<sup>th</sup>, 2000 suggesting a coordination meeting during mid-February.**

#### C. Mitigation (entire project area)

1. LCRBDC still has concerns about the official COE mitigation plan which does not explain the exact procedure for acquisition in the Hobart Marsh area. (Ongoing)
  - **This was in issue of discussion with the COE at our February 1<sup>st</sup> Real Estate meeting. Before the DNR will approve the COE mitigation plan, a prototype or "dummy" plan for acquisition must be submitted by the COE and approved by the DNR.**

#### D. Emergency Management

1. The COE submitted to LCRBDC some mapping for comments on May 24<sup>th</sup> showing locations of all closures, sluice gates, sandbagging, etc.
  - We will break this down by community, to show what each community would need to do during a flood event. (Ongoing)

#### E. Landscaping

1. A letter was sent to the COE on June 3<sup>rd</sup> accepting the landscaping project as per plans and specs, but re-stating the ongoing problem with the finished condition of the landscaping (needs more time to establish).
  - At our Technical Review meeting with the COE on November 9<sup>th</sup>, 1999, Greg Moore said he was finalizing specification changes for future projects as well as modifying procedures for the O & M. (ongoing)

#### F. Gary Parks & Recreation – Driving Range

1. A meeting was held with the Gary Parks & Rec Dept. on May 18<sup>th</sup>, 1999 to coordinate the current status and inform the following contractors that their proposals for Martin Design, Porter Lakes Engineering, and J.F. New were approved by the Board on May 6<sup>th</sup>, 1999.

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1801. It contains a report on the state of the Union and the administration of the government during the first year of the new administration.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1801. It contains a detailed account of the financial state of the government and the measures taken to improve the public credit.

3. The third part of the document is a report from the Secretary of the Navy, dated January 1, 1801. It contains a detailed account of the state of the Navy and the measures taken to improve it.

4. The fourth part of the document is a report from the Secretary of the War, dated January 1, 1801. It contains a detailed account of the state of the Army and the measures taken to improve it.

5. The fifth part of the document is a report from the Secretary of the Interior, dated January 1, 1801. It contains a detailed account of the state of the Department of the Interior and the measures taken to improve it.

6. The sixth part of the document is a report from the Secretary of the State, dated January 1, 1801. It contains a detailed account of the state of the Department of State and the measures taken to improve it.

7. The seventh part of the document is a report from the Secretary of the War, dated January 1, 1801. It contains a detailed account of the state of the Army and the measures taken to improve it.

8. The eighth part of the document is a report from the Secretary of the Navy, dated January 1, 1801. It contains a detailed account of the state of the Navy and the measures taken to improve it.

9. The ninth part of the document is a report from the Secretary of the Treasury, dated January 1, 1801. It contains a detailed account of the financial state of the government and the measures taken to improve the public credit.

10. The tenth part of the document is a report from the President of the United States to the Congress, dated January 1, 1801. It contains a report on the state of the Union and the administration of the government during the first year of the new administration.



- At this point in time, permit applications and design are in the process.
- 2. **We received a letter from J.F. New to the South Bend Army Corps dated December 10<sup>th</sup>, 1999, requesting their review of the wetland delineation report and suggesting an upcoming meeting to discuss.**

**2**

G. Lake Erie Land Company – Wetland banking

1. **The total acreage available to Lake Erie Land Company is 908 acres.**

H. Improvements for 3120 Gerry St. (rental property) as follows:

1. **At our January 6<sup>th</sup>, 2000 board meeting, the commissioners decided to allow the contractor to demolish the existing garage as part of the Stage IV – Phase 1 South contract.**
2. **Tenants, Mike and Melinda Adams, are still interested in purchasing the property. They are not concerned about relocating the existing or construction of a new garage.**
3. **Great Lakes Roofing will begin replacing the roof on Wednesday, February 02, 2000. Their bid was the most reasonable at \$2,595.**

**I. A meeting was held with Lamar Advertising Company (formerly Whiteco) on January 28<sup>th</sup>, 2000, to review & update current leases.**

1. **A new balance will be calculated (formerly \$124,825) for removal of Whiteco signs for our project and we will pay this off as per a previous motion by the commissioners.**
2. **Potential exists through acquisitions for additional signs & lease agreements.**



**DEPARTMENT OF THE ARMY**  
**CHICAGO DISTRICT, CORPS OF ENGINEERS**  
**11 NORTH CANAL STREET**  
**CHICAGO, ILLINOIS 60608-7208**

January 25, 2000

Paul J. Vogel  
Greely and Hansen  
Detroit Office  
211 West Fort Street Suite 710  
Detroit, Michigan 48226-3202

Dear Mr. Vogel:

I'm writing this letter in response to the memorandum you wrote to the Little Calumet River Basin Development Commission dated November 8, 1999. I do apologies for the delay in responding to your memorandum. The first quarter of this year has been a very busy one for this project, we are in the process of awarding 4 contracts. As you know, this is the ideal time to get contracts.

I did make the time to go visit the pump stations with Jim Flora and Jim Pokrajac on December 10. I thought it was a good field meeting I have a better understanding for the that were mad by GSD, as a result of the visit we can bring some of these issues to close. One other thing that I have done to expedite the process of resolving outstandin issue is that I will have a person from our office dedicated to help me coordinate and resolve all outstanding issues regarding the Gary Sanitary District concerns. I will have the services of Sue Davis. She will be available to work on this item starting the last week of January. Ms. Davis works in the Hydrology and Hydraulic Section. She was the senior engineer for H&H when the modeling for this project was established. She brings a lot of history on this project and I feel she is the write person to help me bring a resolution to a lot of your concerns.

I would like to ask that we set a meeting date for the the week of February 14. This meeting will serve to inreduce Sue to the GSD issues and we can bring resolution to some of the issues in the memorandum. My schedule is usally bad on Mondays and Fridays. Please let me know which day works for you so that I that I can make Sue Davis and myself available. I can also coordinate with the LCRBDC. Please if you have any questions, please call me at 312-353-6400 ext. 1809 or yo can email me imad.samara@usace.army.mil.

Sincerely Yours

Imad N. Samara  
Project Manager

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100



# J. F. New & Associates, Inc.

708 Roosevelt Road • P.O. Box 243 • Walkerton, IN 46574

Phone: 219-586-3400 • Fax: 219-586-3446

Web: [www.jfnew.com](http://www.jfnew.com) • E-Mail: [info@jfnew.com](mailto:info@jfnew.com)

Wetland Delineations •  
Permitting •  
Mitigation Design •  
Engineering •  
Wetland/Prairie Nursery •  
Land Planning •  
Biological Inventories •  
Natural Systems for Wastewater Treatment •  
Lake and Stream Enhancement •  
Ecological Restoration •

December 10, 1999

Mr. Greg McKay  
USACOE  
2422 Viridian Dr.  
Suite 101  
South Bend, IN 46628

RE: Wetland Delineation Verification Request, North Gleason Park, Gary, Indiana

Dear Mr. McKay,

Please find enclosed the wetland delineation report we have prepared for the approximately 50 acre site west of Broadway Avenue just south of Interstate 80-94 in Gary, Indiana. We would like to set up a time when we can meet you on site to verify this delineation and discuss the proposed development of a golf driving range and practice holes on this property. Thank you for your attention to this matter.

Sincerely,

Martha Wilczynski  
J.F. New & Associates

c. JFNA # 98-01-10x

c. John Lowe  
Dan Gardner  
Greg Martin

2



Portage Public Marina Financial Report 1999 *unaudited (Feb*

UNAUDITED Feb

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year to
Income													Date Total
Docks	39285.86	17929.31	82709.07	6354.01	3240	930	440	430	350	10145.88	2746.04	7555.04	172115.21
Ramps	3	108	1314	1014	1446	5331	6198	2520	2769	870	975	156	22704
Trans.Slips		20		665	115	470	1595	550	1095	735	10	845	6100
Misc.			11.9	24.99	105.91	442.68	578.34	247.52	201.11	29.75	9.52		1651.72
Marine Access.			44.67	26.41	232.77	490.94	479.37	306.14	183.84	34.08	9.29	22.4	1829.91
Pumpouts				15	40	110	125	95	155	150	75		765
Sales Tax			2.83	2.58	16.98	46.89	53.15	27.81	19.34	3.2	0.94	1.12	174.84
Coca-Cola				43.22	33.55	35.35	82.94		37.45	41.45			273.96
Non-Taxable Misc.	4	12	49	6	12	13	55.5	19	10	12	12		204.5
Total Amount	39292.86	18069.31	84131.47	8151.21	5242.21	7869.86	9607.3	4195.47	4820.74	12021.36	3837.79	8579.56	205819.14
Expenses													205819.14
Mngmt. Contract					2500		2500		2500		2500		10000
Insurance													0
Equipment		406			399.88								805.88
Equip. Repair					175		78.75		1230.88	410	495.88		2390.51
Misc. Const.													0
Misc.Supplies&tool	192.86	144.95	75.95	654.9	19.21	594.49	98.04	52.38	595.28	71.51	90.63	240.25	2830.45
Office Supplies		269.32	26.23		218.02	75.5		117.94		75.86	262.48	499.99	1545.34
Postage								86.23		82.5			168.73
Operating Supplies	172.5	86.25	1559.06	539.8	334.75	825.91	993.27	868.94	489.85	493.23	172.5		6536.00
Marine Access.			565.45					230.53	480.16				1276.14
Part-Time Help	773.3	1008.2	2636.98	3262.48	3504.92	5692.62	7308.54	4680.78	4134.75	3467.67	2469.96	555.3	39495.5
Printing		203.75		268.25		272.25		105.75	96.25	65.13			1011.38
Profess. Service						300				219.31	175	64.69	759
Security						997.68	638.82	846.95	439.69				2923.14
Freight													0
Gas	237.25	137.31	140.22	77.27	60.52	34.92	36.67	991.21	31.91	41.16	78.46	104.34	1971.24
Electric	2514.99	1572.79	1629.15	1212.62	1400.72	1461.29	1983.33	1953.73	1842.57	1828.04	2570.94	2020.22	21990.39
Water	172.91	174.97	216.17	174.97	174.97	218.23	273.85	234.71	230.59	174.97	174.97	174.97	2396.28
Telephone	117.63	119.29	123.56	130.11	187.62	126.64	195.11	224.96	206.78	190.77	209.48	20.74	1852.69
Waste Mngmt.	20	20	100	230	230	230	230		230	230	230		1750
Bond Payment			28643.84						28643.84				57287.68
Nipsco Lease							6300						6300
Uniforms													0
Total Amount	4201.44	4142.83	35716.61	6550.4	9205.61	10829.53	20636.38	10394.11	41152.55	7350.15	9430.3	3680.5	163290.41
													163290.41

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES

MAILED

JAN 31 2000

CERTIFICATE OF APPROVAL  
CONSTRUCTION IN A FLOODWAY

**APPLICATION #**: FW-19,784

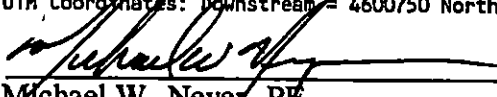
**STREAM** : Little Calumet River

**APPLICANT** : Little Calumet River Basin  
Development Commission  
Dan Gardner, Executive Director  
6100 Southport Road  
Portage IN 46368

**AUTHORITY** : IC 14-28-1 with 310 IAC 6-1

**DESCRIPTION** : About 9,100' of a compacted clay levee and concrete I-wall will be constructed in the south overbank of the river to prevent flooding in the riverside areas of the City of Gary and the City of Hammond. The levee will have 2½:1 side slopes, a top width of 10', and a maximum height of 12' and a uniform crest elevation of 602.20', NGVD (after the settlement). A core trench with a 6' bottom width and 1:1 side slopes will be excavated and then backfilled with approved fill material. Other construction activities within the floodway will include: 1) construction of a vehicle access ramp and placement of a 12" diameter pipe culvert; 2) construction of a 330' long concrete floodwall, a vehicle turnaround area and access ramp and a pedestrian trail access ramp; 3) construction of a staging and field office area, a vehicle access ramp from NIPSCO access road and a ditch along the landward side of the levee; 4) raising of Colfax Street by 7'-6" and Calhoun Street by 3'-6"; 5) removal of a collapsed building, a fence and several existing structures and buildings to allow for the levee and ditch construction; 6) placement of two pipe culverts, 18" and 36" in diameter; a 60" diameter pipe culvert and a 36" diameter pipe culvert; 7) placement of two outfall pipe culverts, 60" and 72" in diameter and equipped with gate wall structures, below the levee at two separate sites and construction of a scour hole at the 72" diameter culvert outlet; 8) replacement of existing bollards with a gate and of an existing access road culvert over a ditch with a new 48" diameter pipe culvert; 9) placement of sandbag closure across EJ & E Railroad at the downstream project limit and of a 66" diameter outfall pipe culvert from an existing manhole (along Burr Street) down to the side ditch; and 10) reshaping of an existing side ditch along Arbogast Avenue. Details of the project are contained in plans and information received at the Division of Water on April 30, 1999, May 24, 1999, June 7, 1999 and July 9, 1999.

**LOCATION** : Along the south (right) overbank, beginning about 280' upstream (east) of Burr Street river crossing and continuing upstream (northwest) for about 6,400', to EJ & E Railroad river crossing at Gary, Calumet Township, Lake County  
Section 24 and N 1/2, Section 23 T 36N, R 9W,  
Highland Quadrangle  
UTM Coordinates: Downstream = 4600750 North, 466450 East, Upstream = 4600700 North, 464750 East

**APPROVED BY** :   
Michael W. Neyer, PE  
Director  
Division of Water

**APPROVED ON** : January 27, 2000

Attachments: Notice Of Right To Administrative Review, General Conditions, Special Conditions, Service List

**STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES**

**NOTICE OF RIGHT TO ADMINISTRATIVE REVIEW**

**APPLICATION #: FW-19,784**

This signed document constitutes the issuance of a permit by the Natural Resources Commission, or its designee, subject to the conditions and limitations stated on the pages entitled "General Conditions" and "Special Conditions".

The permit or any of the conditions or limitations which it contains may be appealed by applying for administrative review. Such review is governed by the Administrative Orders and Procedures Act, IC 4-21.5, and the Department's rules pertaining to adjudicative proceedings, 312 IAC 3-1.

In order to obtain a review, a written petition must be filed with the Division of Hearings within 18 days of the mailing date of this notice. The petition should be addressed to:

Mr. Stephen L. Lucas, Director  
Division of Hearings  
Room W272  
402 West Washington Street  
Indianapolis, Indiana 46204

The petition must contain specific reasons for the appeal and indicate the portion or portions of the permit to which the appeal pertains.

If an appeal is filed, the final agency determination will be made by the Natural Resources Commission following a legal proceeding conducted before an Administrative Law Judge. The Department of Natural Resources will be represented by legal counsel.

**STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES**

**GENERAL CONDITIONS**

**APPLICATION #: FW-19,784**

- ( 1 ) If any archaeological artifacts or human remains are uncovered during construction, federal law and regulations (16 USC 470, et seq.; 36 CFR 800.11, et al) and State law (IC 14-21-1) require that work must stop and that the discovery must be reported to the Division of Historic Preservation and Archaeology within 2 business days.

Division of Historic Preservation and Archaeology  
Room W274  
402 West Washington Street  
Indianapolis, Indiana 46204

Telephone: (317) 232-1646, FAX: (317) 232-8036

- ( 2 ) This permit must be posted and maintained at the project site until the project is completed.
- ( 3 ) This permit does not relieve the permittee of the responsibility for obtaining additional permits, approvals, easements, etc. as required by other federal, state, or local regulatory agencies. These agencies include, but are not limited to:

<u>Agency</u>	<u>Telephone Number</u>
Detroit District, U.S. Army Corps of Engineers	(313) 226-2218
Indiana Department of Environmental Management	(317) 233-2471
Lake County Drainage Board	(219) 755-3745
Local city or county planning or zoning commission	Check local directory

- ( 4 ) This permit must not be construed as a waiver of any local ordinance or other state or federal law.
- ( 5 ) This permit does not relieve the permittee of any liability for the effects which the project may have upon the safety of the life or property of others.
- ( 6 ) This permit may be revoked by the Department of Natural Resources for violation of any condition, limitation, or applicable statute or rule.
- ( 7 ) This permit shall not be assignable or transferable without the prior written approval of the Department of Natural Resources. To initiate a transfer contact:

Mr. Michael W. Neyer, PE, Director  
Division of Water  
Room W264  
402 West Washington Street  
Indianapolis, Indiana 46204

Telephone: (317) 232-4160, In-State Toll Free: (877) 928-3755  
FAX: (317) 233-4579

- ( 8 ) The Department of Natural Resources shall have the right to enter upon the site of the permitted activity for the purpose of inspecting the authorized work.
- ( 9 ) The receipt and acceptance of this permit by the applicant or authorized agent shall be considered as acceptance of the conditions and limitations stated on the pages entitled "General Conditions" and "Special Conditions".

**STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES**

**SPECIAL CONDITIONS**

**APPLICATION #: FW-19,784**

**PERMIT VALIDITY:** This permit is valid for 24 months from the "Approved On" date shown on the first page. If work has not been initiated by January 27, 2002 the permit will become void and a new permit will be required in order to continue work on the project.

This permit becomes effective 18 days after the "MAILED" date shown on the first page. If both a petition for review and a petition for a stay of effectiveness are filed before this permit becomes effective, any part of the permit that is within the scope of the petition for stay is stayed for an additional 15 days.

**CONFORMANCE** : Other than those measures necessary to satisfy the "General Conditions" and "Special Conditions", the project must conform to the information received by the Department of Natural Resources on: April 30, 1999, May 24, 1999, June 7, 1999 and July 9, 1999. Any deviation from the information must receive the prior written approval of the Department.

Number	Special Condition
( 1 )	include mitigation for this project's impacts on wetlands in the mitigation plan for the "Little Calumet River Flood Protection and Recreation Project"
( 2 )	appropriately designed measures for controlling erosion and sediment must be implemented to prevent sediment from entering the stream or leaving the construction site; maintain these measures until construction is complete and all disturbed areas are stabilized
( 3 )	seed and protect all disturbed streambanks and slopes that are 3:1 or steeper with erosion control blankets (follow manufacturer's recommendations for selection and installation) or use an appropriate structural armament; seed and apply mulch on all other disturbed areas
( 4 )	seed and protect areas where runoff is conveyed through a channel/swale with erosion control blankets (follow manufacturer's recommendations for selection and installation) or use an appropriate structural armament; seed and apply mulch on all other disturbed areas
( 5 )	protect the area around and below any concentrated discharge points, down to the waterway's normal flow level, with an appropriate structural armament such as riprap
( 6 )	do not leave felled trees, brush, or other debris in the floodway
( 7 )	upon completion of the project, remove all construction debris from the floodway
( 8 )	by this Certificate of Approval, the project and its appurtenant works are recognized and approved by the Department of Natural Resources as a Flood Control Project under IC 14-28-1-29; this approval is conditioned upon the Little Calumet River Basin Development Commission owning, operating, and maintaining the project in perpetuity and in accordance with the above-referenced project plans and resolution or agreement on file at the Division of Water
( 9 )	as a condition of the Department's approval of the project as a Flood Control Project under IC 14-28-1-29, ownership of or interest in all lands required for construction must be secured prior to beginning construction,

**STATE OF INDIANA**  
**DEPARTMENT OF NATURAL RESOURCES**  
**SPECIAL CONDITIONS**  
**APPLICATION #: FW-19,784**

<b>Number</b>	<b>Special Condition</b>
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and ownership of or an interest in all lands subject to flooding as a result of the project must be secured prior to operation of the project; submit a letter to the Division of Water confirming title or interest in all lands which are required for construction or subject to flooding as a result of the project

- |             |  |
|-------------|--|
| <b>(10)</b> | the U.S. Army Corps of Engineers must certify that the constructed levee will perform as the intended flood control structure and submit "as-built" plans with documentation of any field and geotechnical anomalies to the Division of Water for consideration within 6 months of completion of the project |
| <b>(11)</b> | the applicant must submit "as-built" plans documenting that the proposed levee was constructed according to the approved plans to the Division of Water within 6 months of completion of the project   |

**\*** NOTE: for regulatory purposes, the floodway is defined as the area inundated by the 100-year frequency flood as shown on Panel 19 of the Flood Boundary and Floodway Map for the City of Gary dated March 16, 1981 and Panel 4 of the Flood Boundary and Floodway Map for the Town of Griffith, until such time as a final Letter of Map Revision (LOMR) is obtained from the Federal Emergency Management Agency (FEMA) which supercedes the existing floodway at the site



**STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES**

**SERVICE LIST**

**APPLICATION #: FW-19,784**

Little Calumet River Basin  
Development Commission  
Dan Gardner, Executive Director  
6100 Southport Road  
Portage IN 46368

Lake County  
Soil and Water Conservation District  
928 South Court Street, Suite C  
Crown Point IN 46307-4848

Gary City Plan Commission  
City Hall  
401 Broadway  
Gary IN 46404

**Staff Assignment**

Administrative: Darlene Emerson  
Technical : Matthew D. Patton  
Environmental : Stephen H. Jose

Regulatory Functions Branch  
Detroit District, USACOE  
c/o Mr. Gary Mannesto  
P.O. Box 1027  
Detroit MI 48231-1027

Mr. Stephen E. Davis  
IDNR, Lake Michigan Specialist  
100 West Water Street  
Michigan City IN 46360

Lake County Plan Commission  
2293 North Main Street  
Crown Point IN 46307

Lake County Drainage Board  
Gerry Scheub, Chairman  
County Government Center  
2293 North Main Street  
Crown Point IN 46307

Division of Law Enforcement, IDNR  
North Region Headquarters (Dist 10)  
c/o Capt. Bruce Clear  
RR 6, Box 344  
Peru IN 46970



**LCRBDC OFFICERS**  
**AND COMMITTEE MEMBERS**  
**FOR 2000**

**CHAIRMAN – EMERSON DELANEY**  
**VICE CHAIRMAN – WILLIAM TANKE**  
**TREASURER – ARLENE COLVIN**  
**SECRETARY – CURTIS VOSTI**

**LAND ACQUISITION**

Charles Agnew  
Arlene Colvin  
John DeMeo  
Curtis Vosti  
Marion Williams

**ENGINEERING**

Robert Huffman  
Charles Agnew  
Marion Williams

**LEGISLATIVE**

Arlene Colvin  
George Carlson  
William Tanke  
Curtis Vosti  
John Mroczkowski

**FINANCE**

Arlene Colvin  
John DeMeo  
William Tanke  
Chuck Agnew

**MARINA**

William Tanke  
Charles Agnew  
Steve Davis  
John DeMeo  
Marion Williams

**RECREATION**

George Carlson  
Steve Davis  
Robert Huffman  
Curtis Vosti  
John Mroczkowski

**MINORITY CONTRACTING**

Marion Williams  
Arlene Colvin  
Steve Davis  
Robert Huffman

# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: 2/3/00

LOCATION: Portage CHAIRMAN: Emerson Delaney

**PLEASE SIGN IN**

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	JIM FLORA	R.W. ARMSTRONG
2	Dale ZAK	SS MARINA
3	HERB READ	12AAK WALTON LEAGUE
4	David Hendrix	The Times
5	IMAD SAMARA	COE
6		
7		
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**LCRBDC OFFICERS  
AND COMMITTEE MEMBERS  
FOR 2000**

**CHAIRMAN – EMERSON DELANEY  
VICE CHAIRMAN – WILLIAM TANKE  
TREASURER – ARLENE COLVIN  
SECRETARY – CURTIS VOSTI**

*make changes*

**LAND ACQUISITION**

Charles Agnew  
Arlene Colvin  
John DeMeo  
Curtis Vosti  
Marion Williams

*Mgmt.*

**ENGINEERING**

Robert Huffman  
Charles Agnew  
Marion Williams  
*Bill Tanke*

**LEGISLATIVE**

Arlene Colvin  
George Carlson  
William Tanke  
Curtis Vosti  
John Mroczkowski

**FINANCE**

Arlene Colvin  
John DeMeo  
William Tanke  
Chuck Agnew

**MARINA**

William Tanke  
Charles Agnew  
Steve Davis  
John DeMeo  
Marion Williams

**RECREATION**

George Carlson  
Steve Davis  
Robert Huffman  
Curtis Vosti  
John Mroczkowski

**MINORITY CONTRACTING**

Marion Williams  
Arlene Colvin  
Steve Davis  
Robert Huffman

## 2000 COMMITTEE PREFERENCE

Commissioner John De Meo

### Committees you currently sit on:

Land Acquisition ✓

Project Engineering

Legislative

Finance ✓

Marina ✓

Recreation

Minority Contracting

### Committees you wish to serve on:

Land Acquisition ✓

Project Engineering

Legislative

Finance ✓

Marina ✓

Recreation

Minority Contracting

Please return to Sandy.

John 12:1-12

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## 2000 COMMITTEE PREFERENCE

Commissioner Arlene Calvert

### Committees you currently sit on:

Land Acquisition ✓

Project Engineering

Legislative ✓

Finance ✓

Marina

Recreation

Minority Contracting ✓

### Committees you wish to serve on:

Land Acquisition ✓

Project Engineering

Legislative ✓

Finance ✓

Marina

Recreation

Minority Contracting ✓

Please return to Sandy.

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James M. Smith

## 2000 COMMITTEE PREFERENCE

Commissioner Bill Inke

### Committees you currently sit on:

Land Acquisition

Project Engineering

Legislative ✓

Finance ✓

Marina ✓

Recreation

Minority Contracting

### Committees you wish to serve on:

Land Acquisition

Project Engineering

Legislative ✗

Finance ✗

Marina ✗

Recreation

Minority Contracting

Please return to Sandy.

1.

2.

3.

John Doe.

## 2000 COMMITTEE PREFERENCE

Commissioner Chuck Agnew

### Committees you currently sit on:

Land Acquisition ✓

Project Engineering ✓

Legislative

Finance ✓

Marina ✓

Recreation

Minority Contracting

### Committees you wish to serve on:

Land Acquisition ✓

Project Engineering

Legislative

Finance ✓

Marina ✓

Recreation

Minority Contracting

Please return to Sandy.

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George Brown



## 2000 COMMITTEE PREFERENCE

Commissioner George Carlson

### Committees you currently sit on:

Land Acquisition

Project Engineering

Legislative ✓

Finance

Marina

Recreation ✓

Minority Contracting

### Committees you wish to serve on:

Land Acquisition

Project Engineering

Legislative ✓

Finance

Marina

Recreation ✓

Minority Contracting

Please return to Sandy.

George C. Davis

## 2000 COMMITTEE PREFERENCE

Commissioner Bob Huffman

### Committees you currently sit on:

Land Acquisition

Project Engineering ✓

Legislative

Finance

Marina

Recreation ✓

Minority Contracting ✓

### Committees you wish to serve on:

Land Acquisition

Project Engineering ✓

Legislative

Finance

Marina

Recreation ✓

Minority Contracting ✓

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— Marshall 1892

## 2000 COMMITTEE PREFERENCE

Commissioner Curt Vasti qv

### Committees you currently sit on:

Land Acquisition ✓

Project Engineering

Legislative ✓

Finance

Marina

Recreation ✓

Minority Contracting

### Committees you wish to serve on:

Land Acquisition ✓

Project Engineering

Legislative ✓

Finance

Marina

Recreation ✓

Minority Contracting

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Good luck.

## 2000 COMMITTEE PREFERENCE

Commissioner John Mroszkowski  1-6-00

### Committees you currently sit on:

Land Acquisition

Project Engineering

Legislative ✓

Finance

Marina

Recreation ✓

Minority Contracting

### Committees you wish to serve on:

Land Acquisition

Project Engineering

Legislative

Finance

Marina

Recreation

Minority Contracting

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