



# Little Calumet River Basin Development Commission

6100 Southport Road

Portage, Indiana 46368

(219)763-0696  
Fax (219)762-1653

*John Mroczkowski* ✓

EMERSON DELANEY, Chairman  
Governor's Appointment

WILLIAM TANKE, Vice Chairman  
Porter County Commissioners' Appointment

ARLENE COLVIN, Treasurer  
Mayor of Gary's Appointment

JOHN DEMEO, Secretary  
Governor's Appointment

CHARLES AGNEW  
Governor's Appointment

GEORGE CARLSON  
Mayor of Hammond's Appointment

STEVE DAVIS  
Dept. of Natural Resources' Appointment

ROBERT HUFFMAN  
Governor's Appointment

CURTIS VOSTI  
Governor's Appointment

MARION WILLIAMS  
Lake County Commissioners' Appointment

VACANCY  
Governor's Appointment

DAN GARDNER  
Executive Director

LOUIS CASALE  
Attorney

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## MEETING NOTICE

**THERE WILL BE A MEETING OF THE  
LITTLE CALUMET RIVER BASIN  
DEVELOPMENT COMMISSION  
AT 6:00 P.M. THURSDAY, OCTOBER 7, 1999  
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 September 2, 1999
5. Chairman's Report
  - Introduction of new Commission member – John Mroczkowski
  - News articles regarding agreement with Lake Erie Land Company
6. Executive Director's Report
  - Report on scheduled Project Construction Dedication Friday, November 12, 1999 with Congressman Visclosky, COE and Commission
  - Consideration of Burr Street Betterment LCA

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re: Seating  
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AC*

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11-12

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*Finame*

*John -  
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7. Standing Committees

A. Land Acquisition/Management Committee – Chuck Agnew, Chairman

- Appraisals, offers, acquisitions, recommended actions
- COE Real Estate meeting held on 9/22/99
- Project mitigation meeting on 9/16/99 on Hobart Marsh mitigation
- Notice to land leaseholders regarding termination of farm leases for year 2000
- Town of Griffith commitment to Griffith levee maintenance
- Other issues

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B. Project Engineering Committee – Bob Huffman, Chairman

- Recommended actions
- Pre-construction meeting held on 9/9/99 for East Reach Remediation area
- Receipt of IDNR construction in a floodway permit for East Reach
- Other issues

14-18

C. Legislative Committee – Arlene Colvin, Chairperson

- 9/7/99 COE letter regarding sponsor fund requirements
- 9/8/99 Meeting with Representative Chet Dobis
- 9/10/99 State Budget Committee met in West Lafayette  
- Release of \$1.5 million from Special Build Indiana Fund
- Other issues

19-20

21-23

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D. Recreational Development Committee – George Carlson, Chairman

- Letter sent to Senator Lugar from Mayor Dedelow requesting bridge and trail project consideration
- Other Issues

25

E. Marina Development Committee – Bill Tanke, Chairman

- 9/20/99 Marina meeting with Mayor-elect Doug Olson
- Report on COE technical meeting with IDEM/IDNR re: dredging
- Notice of slip rental fee increase
- Other issues

26

F. Finance/Policy Committee – Arlene Colvin, Chairperson

- Financial status report
- Approval of claims for September 1999
- COE request letter of \$300,000 escrow money
- Other issues

27-28  
29-30  
31

G. Minority Contracting Committee – Marion Williams, Chairman

8. Other Business

9. Statements to the Board from the Floor

10. Set date for next meeting; adjournment

**MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION  
HELD AT 6:00 P.M. THURSDAY, SEPTEMBER 2, 1999  
AT THE COMMISSION OFFICE  
6100 SOUTHPORT ROAD  
PORTAGE, INDIANA**

Chairman Emerson Delaney called the meeting to order at 6:05 p.m. Nine (9) Commissioners were present. Pledge of Allegiance was recited. Quorum was declared and guests were recognized.

**Development Commissioners:**

Emerson Delaney  
Charles Agnew  
Marion Williams  
George Carlson  
Robert Huffman  
Steve Davis  
Arlene Colvin  
John DeMeo  
Curtis Vosti

**Visitors:**

G.W.Hodges – Portage Port Authority  
Tim Zorn – Post Tribune  
Denis Buksa - Munster IN  
Herb Read – Izaak Walton  
Jim Flora – R.W. Armstrong Co.  
Don Ewoldt – Lake Erie Land Co.  
Cliff Fleming – Lake Erie Land Co.  
Howard Anderson – Izaak Walton  
Carolyn Marsh  
E. J. Banas

**Staff:**

Dan Gardner  
Sandy Mordus  
Lou Casale  
Jim Pokrajac  
Judy Vamos

The minutes of the August 5, 1999 meeting were approved by a motion from George Carlson; motion was seconded by John DeMeo; motion passed unanimously.

**Chairman's Report** – Chairman Emerson Delaney announced the appointment of John Mroczkowski from Highland to the Development Commission Board. He will replace Bob Trelo for the remainder of the term that expires 12/31/99. Mr. Delaney also referred to the revised committee structure contained in the agenda packet.

Chairman Delaney reported on the meeting held July 16<sup>th</sup> with Lake Erie Land Company (LEL) concerning their proposal for land enhancement of Commission property. All Board members have received the latest revised Option and License Agreement drafted by the Commission attorney. Before discussion can take place, a motion needed to be made. George Carlson made a motion to accept LEL's proposal and enter into an option agreement with them; motion seconded by Chuck Agnew. Discussion followed. Commissioner DeMeo stated that since Commissioner Bill Tanke was absent, Mr. Tanke had drafted a letter he wanted read to the Board members. Mr. DeMeo proceeded with reading the letter which is attached as Exhibit A and made part of minutes. Following the letter is Executive Director Dan Gardner's comments addressing Mr. Tanke's written concerns and is also made part of the minutes.



Commissioners Vosti and Williams requested that any public comments be made first and then discussion by the Board members will be after their comments.

Carolyn Marsh stated that she has just read about this in the paper and has a great deal of concern. She questioned its legality and opposed the concept. Mr. Gardner responded by saying these lands were bought by the IDNR and later by the Development Commission and will remain public lands for the purpose of the flood control/recreation project. The proposal that the Commission is considering does not violate the use of these lands for project purposes nor does it take it out of public use; we are only licensing and enhancing these lands – not selling them. The proposal was publicly solicited for the main purpose of bringing additional improvements to the land and principally, to raise some ongoing operating revenue to allow for the maintenance of the project. The Commission does not have taxing authority and has been requested by the General Assembly to pursue revenue for operation after project construction is complete.

Ms. Marsh expressed concern that the wetlands were being created by private entities as a mitigation bank and she thought that private citizens should be aware of this. Mr. Gardner responded that this was publicly solicited and noticed and that various environmental groups as well as the media have been to several meetings in which discussion took place.

Commissioner Bob Huffman interjected that IDNR and IDEM will permit where the wetland project will go. Federal, State and local agencies will have an opportunity to comment when the permit process begins. The public will also be able to comment during this process.

Howard Anderson was recognized and he commented that he thought the \$10 million in terms of enhancement was a high figure. What they envision is a good idea but he does not know all the details. He had several concerns regarding the development of public property into wetlands that would sell mitigation credits. Additionally, \$10 million spent for restoration or recreation seems to be a very large figure and would this be causing a problem elsewhere? Mr. Gardner responded that the land would remain in public ownership and be available for all original project purposes. Secondly, this would provide operating income for the project. Lastly, the intent was to use the credits for previous violations not as a bank for future projects.

Herb Read of Izaak Walton League added he has been aware of the Little Calumet River Project for over 40 years and that this development is going more in the direction that he originally envisioned for the development of the corridor. The preservation and the enhancement of wetlands by Lake Erie Land Company appears to be a good thing. Mr. Read further stated that environmental groups are usually against wetland banking because of abuse. He also said it should not go for new projects and indicated that Charlotte Read of Save the Dunes Council, wanted to go on record that she opposed private mitigation banking. He ordinarily does not endorse mitigation banking per se.

Mr. Gardner stated that the Commission feels this is a good plan because it not only enhances wetlands by adding additional recreation features the COE will not pay for. He further offered that the Commission and

Lake Erie Land Company would be available to meet with environmental groups in a workshop setting to discuss the issue and explain project features. This discussion concluded the public comments offered on the project.

After discussion and per Bill Tanke's letter, Lake Erie Land Company agreed to change "Licensee" to "Commission" in Line 3 Page 2 Item 3 and then change "Commission" to "Licensee" on Line 5 Page 2 Item 3 in the License Agreement. Mr. Vosti added that he appreciated the public comments from the audience. He was pleased to see that they offered about \$13 million in physical improvements in terms of wetland restoration and recreation improvements. Mr. Vosti then asked Howard Anderson about his concern in filling in new wetlands using these credits.

Mr. Gardner answered that, to his knowledge, there are over 1700 acres needed for mitigating past violations principally by industries along the Grand Calumet River. Don Ewoldt added that Lake Erie Land agreed with the concept of using the credits for past non-compliants. Carolyn Marsh feels that people need to be in the decision making and suggested a citizens advisory board be developed and that other lands near Lake George and Lake Michigan be considered for the creation of wetlands. Mr. Gardner indicated that the Commission only has responsibility over the Little Calumet River as it pertains to our project.

Commissioner Williams expressed a concern about transferring responsibility to a third party. Could the Commission turn over responsibility of interest and what was Lake Erie Land Company's involvement and what would be our role in oversight? Mr. Gardner indicated that we would still own the property and be responsible for its proper usage. A third party would be selected whose experience and expertise would be needed for land management and acceptable to all permitting agencies. For the first 5 years, Lake Erie Land will establish the wetlands in compliance with the permits. Our responsibility would begin for maintenance after those 5 years.

Attorney Casale then added that the legal document is an option to enter into a license agreement. It is conceivable that a license agreement may never happen. If the Option is exercised, any designs of any development has to be approved by this Commission first. Lake Erie Land would have to come back with their final design plans if they exercise the agreement. Mr. Gardner indicated that monthly reports will be given and an existing committee will oversee this issue.

Commissioner Williams asked whether any of the land could be given in phases rather than the total 905 acres all at once. Mr. Gardner responded that for permitting purposes all land must be considered at first and that the development proposal has phases that will be implemented. He added that staff researched and felt Lake Erie Land is financially capable and has been very responsive and are qualified to perform the work.

Commissioner Huffman stated that the Commission has had extensive discussion regarding this agreement and in his opinion, it is a good agreement and the Commission should be proud of it. Nothing is without risk but feels risk is more on the part of Lake Erie Land than this Commission.

Commissioners DeMeo and Carlson agreed and had no further comment.

Commissioner Davis stated that from the standpoint of natural resources, it used to be wetlands and prairies between the levees and next to the river and that man turned them into an impacted area and they probably would stay impacted unless we do something. He viewed this as a large benefit to be turned back to natural areas. A second large benefit is the help in paying for it. We are not asking the taxpayers for it. We have addressed all areas we had a concern about.

Commissioner Colvin thinks the Commission has worked hard to balance public trust and our need to maintain the project so that the project is economically sound. She further stated that she thought all Commissioners' comments have been taken into account and it is a good agreement.

With that, a vote was taken. There were 8 ayes; 1 abstention vote by Bob Huffman (due to his employment at NIPSCO, he thought it may be a conflict of interest); and 2 Commissioners absent.

Chairman Delaney referred to the appointment status sheet distributed. Four appointments are expiring at the end of 1999 and one appointment has already expired. Commissioners should pursue their re-appointment if they are interested.

**Executive Director's Report** – Executive Director Dan Gardner referred to a news article in the agenda packet about Wicker Park Manor Subdivision still being in the flood zone. FEMA is the agency that has to declare it out of the floodplain; they have not done that. There is an unresolved issue on the east side where the levee ties into Erie R.R. FEMA says it is not high enough. The town of Highland has hired a consultant firm, Christopher Burke Inc. to help them get over this last hurdle.

Mr. Gardner also stated staff is working with the Congressman's staff and the COE to schedule a dedication of the project. It will signify roughly the halfway point of construction of the project. The targeted date is Friday, November 12<sup>th</sup>.

**Land Acquisition Committee** – Committee Chairman Chuck Agnew stated that there were no motions to be made. Mr. Agnew stated that COE sent a letter to Jim Flora indicating that Operation and Maintenance for the 4 Gary east reach pump stations is outside the construction contractor's scope of work. The COE states that according to the LCA, it is the Commission's responsibility. The COE and the Commission have not signed off the pump stations yet. Pump stations are currently not active. The Commission controls final testing and inspections are needed to sign off on these stations.

Mr. Agnew referred to the COE letter in the agenda packet from Phil Bernstein, Chief of Planning at the COE office, summarizing the conclusions of the July 15<sup>th</sup> meeting held at IDNR regarding project mitigation in the Hobart Marsh area. It was determined that we were in compliance with the number of acres and the COE should be receiving approval of the mitigation plan from IDNR soon. It is critical to obtaining future construction permits.

**Project Engineering Committee** – Committee Chairman Bob Huffman reported that final inspections for Stage II Ph. 3B and Stage II Ph. 4 are scheduled with us for early October. After inspections are satisfactory, the COE will be asking us to take over operation and maintenance. At this point, we are not ready to do that.

Mr. Huffman referred to a letter in the agenda packet from the COE stating they decline the request from Gary Sanitary District to cost share (in the amount of \$175,000) for the installation of telemetry to the 4 east reach pump stations based upon Federal regulations. Mr. Gardner added that we support the cost share but the COE has stated their opposition. Further discussion will be scheduled and other funding sources explored.

Mr. Huffman also reported that we have received final engineering drawings for Stage V Ph. 3 (Woodmar County Club) and have been directed by the COE to proceed with land acquisition.

Commissioner Curt Vosti asked about the engineering drawings received for Stage V Ph. 3. Jim Pokrajac answered that although we had earlier received the final real estate drawings, we cannot begin the appraisal process until engineering drawings are received. He further stated that Woodmar County Club had been given the opportunity some time ago to comment on the drawings. Since these are now final, it is hoped that there will be no additional comments.

**Legislative Committee** – Committee Chairperson Arlene Colvin stated they we are attempting to get on the next State Budget Agency agenda. Staff has scheduled a meeting with Representative Chet Dobis for September 8<sup>th</sup>; we will also try to contact Representative Earl Harris to meet with him. The Legislative Committee met on August 25<sup>th</sup>. Mr. Gardner added that he understands it was an oversight that we were left out of the budget and that they will work with us to obtain some money.

**Recreational Development Committee** – Committee Chairman George Carlson reported that at the last meeting, the Board authorized staff to send a letter to the COE requesting that the Erie RR bridge and trail section be moved up and bid separately to take advantage of some transportation grant money that Highland has received. Once some costs are received from the COE, a Recreation Committee meeting will be scheduled.

Mr. Carlson also talked about some vandalism that had taken place at the Carlson OxBow Park. He inquired of Curt Vosti whether a police report had been filed. This was really the first major vandalism problem that the park has had.

**Marina Committee** – In Committee Chairman Bill Tanke's absence, Mr. Gardner gave the marina report. He stated that a meeting has been scheduled with mayor-elect Doug Olsen on September 20<sup>th</sup>. To relay to him the Portage Public Marina's history, funding, our relationship with the city, where we go from here, etc.

Mr. Gardner also stated that although the COE has some money to do dredging at the Burns Waterway, necessary permits have to be obtained and dredging that area will be done next year.

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Mr. Gardner referred to the marina claim of \$28,643.84 for the October 1<sup>st</sup> date due for the marina revenue bond. John DeMeo made a motion to approve the claim; motion seconded by Bob Huffman; motion passed unanimously.

**Finance Committee** – Committee Chairperson Arlene Colvin presented the financial status report and claims for approval. She made a motion to accept the financial report and approve the August claims; motion seconded by George Carlson; motion passed unanimously.

**Minority Contracting Committee** – Committee Chairman Marion Williams reported that there was no minority contracting report at this time.

**Statements to the Board** – There were none.

There being no further business, the next regular Commission meeting was scheduled for **6:00 p.m. Thursday, October 7, 1999.**

John: Please Present this to Full Commission at the meeting so it can be included as a part of the Minutes

The License & Option as connected per Phone Conversation with Lou, Dan & Don on Aug. 2, 99 could be a profitable Venture for the Commission, however I have some reservations & deep concerns about ~~the~~ involving the Commission in a Venture that could be very costly in the future. I would submit the following:

The spreadsheets were to show best & worst case, they reflect Best case only, for example all 3 show <sup>Total</sup> money invested at either 5 or 8%, None show the yearly deduct for maintenance of \$60,000 plus per annum.

\* In License Agreement Item 3A should ~~be~~ include 5-10 year ~~Renewal~~ Renewal as per prior drafts. This should be at option of Commission

\* Item B-1 the amount should be increased to reflect the 905 Acres per Cole's determination Based on 844 acres @ \$43,630.00 this is \$51.70 per acre times the 61 additional Acres, this should increase by \$3153.00 per year or \$157,685.00 over the life of the Agreement with no consideration of interest. LEL did agree to a lesser amount on Tuesday. I believe we should insist on Full Amount.

This would also change Item 3 in the options Item B-3 The word management was struck from this version. It is my understanding

"Exhibit A" 7

that they are now saying. The reason we are paying you all this money is to provide funds for management, Don also offered to manage & LEL would keep the money. My suggestion is they pay us & then we contract with them for \$63,300.00 year which is the new estimate. LEL would probably not agree to this, since no one knows with any certainty the maintenance costs.

\*

Item N-12. There needs to be a definition for maintain ~~and~~ also operate. This should be tied into the Federal mitigation Guidelines.

This paragraph states LEL maintains for first 5 years of agreement, what if only lets say 50% are completed, where are we? My suggestion was 5 years after completed & accepted by the Required Federal ~~Agencies~~ Agencies (The plantings as required by Detroit Corp. For Marina have still not been Accepted.

In summation I would like to state that after 4 or 5 hours of phone conversations with USACE people in Both Chicago & Detroit, EPA people in Washington, they are not aware of wetland mitigation cost to develop, cost to maintain on selling price of credits. Should the maintenance cost increase, should a catastrophe occur & there is extensive replanting, trail replacement etc. would this be our responsibility? LEL says no EPA says yes we are to maintain in perpetuity.



William S. Tanke

In my opinion a week or 2 delay would be  
beneficial in possibly having someone from  
EPA the Corp or Both come to a meeting  
and discuss all the possible ramifications  
This is too important a decision to make,  
Both in millions of Dollars \$50 plus  
Year commitment to not have  
all the facts -

**Dan Gardner's response answering the issues and concerns expressed in the previous letter:**

1. Addressing the lack of a best and worse case scenario, the chart showed investments at 5 to 8% which we feel is realistic. A worse case scenario would literally be not getting permits or not being able to see new credits and then the project would, in effect, be void.
2. The agreement after 50 years should be at the option of the Commission as opposed to Lake Erie Land Company. This issue was changed to reflect the Commission triggering the option.
3. The amount of the license is recommended to be extended to the additional acres at a valuation of \$51.70 per acre times the additional acres. The actual calculation of additional income is based upon the classification of the acres added - \$100 per farmed acreage and \$30 per scrub/wetland acreage. The actual increase in revenue will be based on that calculation.
4. In defining what is included in maintenance and operation, a paragraph was added to more narrowly define that.
5. Additionally, Lake Erie Land has agreed to cap our one-year maintenance financial responsibility at the interest earned in that year.
6. And, finally, regarding Federal agencies views of this proposal, it is my opinion that it is premature to get detailed responses from national officials in that it is a new science and, as such, its' merits will need to be related to this specific project proposal. This will be done with full public comment and agency input during the permit phase which would trigger upon our signing the option.

Gary PT 9.21.99

## Governor appoints Highland resident to Little Calumet basin commission

■ John Mroczkowski is the records and research manager for Lake County Surveyor George Van Til.

Post-Tribune Staff Report

HIGHLAND Gov. Frank O'Bannon has appointed John Mroczkowski of Highland to the

Little Calumet River Basin Commission.

Mroczkowski replaces the late Robert Trelo on the 11-member commission.

The Little Calumet River, which runs across the county, ultimately drains 179,051 acres in Lake County.

The basin commission for several years has been involved in a massive flood-control and recreation project along the river.

The project, which will cost more than \$100 million, is being financed with federal and state money.

Mroczkowski is the records and research manager for Lake County Surveyor George Van Til.

"Storm control is an important quality-of-life issue that my job and now this volunteer appointment directly relate to," Mroczkowski said.

The appointment was effective Sept. 1.

## River group officials check details of enviro plan

**By TIM ZORN**  
Staff Writer

**PORTAGE** — One of Northwest Indiana's largest development companies wants to transform about 850 acres of Little Calumet River floodlands in Gary and Lake Station.

Lake Erie Land Co. would create recreation areas and money-making wetlands on the land, some of which is now used for farming.

If successful, the project would make money for the company, relieve an environmental headache for several industries and restore some of the area's original look.

"It makes ecological sense. It makes public policy sense," according to Dan Gardner, executive direc-

tor of the Little Calumet River Basin Development Commission.

It also would encourage economic development in Gary, Lake Erie Land official Don Ewoldt said.

But members of the Little Calumet commission, which owns the area Lake Erie Land wants to use, want to make sure they know what they're getting into before they sign a 50-year agreement.

The Portage-based commission spent more than three hours Monday night trying to hammer out final wording on a proposed pact.

Commission members originally anticipated approving the agreement Monday but agreed later to put off final consideration until their regular meeting on Sept. 2 — or a

special meeting before that, if necessary.

The commission is considering a five-year option and a 50-year licensing agreement with Lake Erie Land, the NiSource subsidiary that also owns the Coffee Creek and Sand Creek developments in Chesterton.

Lake Erie Land has proposed creating and improving wetlands along the Little Calumet River from Cline Avenue to Clay Street.

The company then would sell wetlands-mitigation credits.

In the \$10.3-million project, Lake Erie also would build fishing, hiking and canoeing areas and two visitor centers along the Little Calumet River.

# Little Cal development plans gain initial nod

BY TIM ZORN  
Staff Writer

PORTAGE — The Lake Erie Land Co. won a 50-year agreement this week to restore wetlands on more than 900 acres of publicly owned land along the Little Calumet River.

That might have been the easy part.

Now the development company will start asking state and federal regulators to approve a wetland project that is unprecedented — at least in this area — for its scope.

Lake Erie Land, a Chesterton-based developer and NiSource subsidiary, reached an agreement Thursday with the Little Calumet River Basin Development Commission, which owns the land that Lake Erie wants to build revenue-producing wetlands on.

Lake Erie also would create recreation facilities, such as fishing areas and canoe launch sites, along the river.

Don Ewoldt, Lake Erie's president of wetland banking, said the company now would ask for permits from a cluster of agencies — the U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, the Indiana Department of Natural Resources and the Indiana Department of Natural Resources.

Ewoldt hopes to line up the approvals this winter so the project's first phase can begin next spring.

Lake Erie intends to sell wetland credits — not the land itself — to industries ordered to compensate for wetland destruction along the Grand Calumet River.

However, it already has been waiting more than a year for approval of

a 210-acre wetland restoration on land the company owns along the Little Calumet just east of Clay Street.

The Clay Street wetland bank proposal is the first one handled by the Army Corps' Detroit district, which regulates wetlands issues in Northwest Indiana.

The agency is being particularly careful because of that, Ewoldt said. "Once we get the first one," he said, "the next ones will be easier."

The pact with the Little Calumet commission allows Lake Erie to use land the commission acquired for its flood-protection project.

In exchange, the commission will get \$43,630 a year from Lake Erie. And if Lake Erie can sell wetlands credits, the commission will get \$750 per acre for each credit plus up to 3 percent of the gross revenue.

If the wetland-restoration project doesn't get regulatory approval, Lake Erie can back out of the deal.

A contractor, Walkerton-based J.F. New & Associates, would do the wetland restoration work along the Little Calumet between Cline Avenue and Clay Street, in Gary and Lake Station.

After developing and monitoring the wetlands for five years, Lake Erie would turn the wetlands maintenance over to a public agency. However, that transaction hasn't been arranged yet.

Thursday's agreement covers about 907 acres. Several months ago, Lake Erie and the commission reached a similar agreement for about 200 acres west of Grant Street. Ewoldt wants to talk soon to Gary officials about a potential golf course and wetlands development on about 400 acres of city-owned land near Interstates 94 and 65.

**COUNCIL MEMBERS**

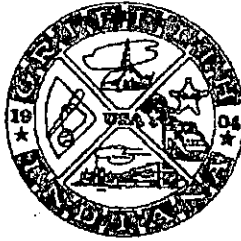
Wayne Govert  
1st Ward

Richard Konopasek  
2nd Ward

David Blount  
3rd Ward

Patricia G. Schaadt  
4th Ward

Stan Dobosz  
5th Ward



**Clerk - Treasurer**

Ronald J. Szafarczyk

**Director of Public Works**

James D. Royome

# Town of Griffith

111 N. Broad St., Griffith, IN. 46319-2294

Phone (219) 924 - 7500

Fax (219) 922 - 3072

September 7, 1999

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

Re: Town of Griffith - River Road Levee Construction  
Cline Avenue to EJ&E Railroad

Dear Mr. Pokrajac:

This letter shall serve as confirmation that once the River Road levee construction project is completed by Richard J. Kortenhoven, d/b/a Kortenhoven Builders, Inc., and the construction is approved by the Little Calumet River Basin Development Commission and the Town of Griffith, the Town of Griffith will then be responsible for all future maintenance, repair, and, if destroyed, the replacement of the levee.

Sincerely,

Town of Griffith

By:

  
Wayne Govert  
Town Council President

REC'D SEP 9 1999

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES

MAILED

SEP 01 1999

**CERTIFICATE OF APPROVAL  
CONSTRUCTION IN A FLOODWAY**

**APPLICATION #:** FW-19,609

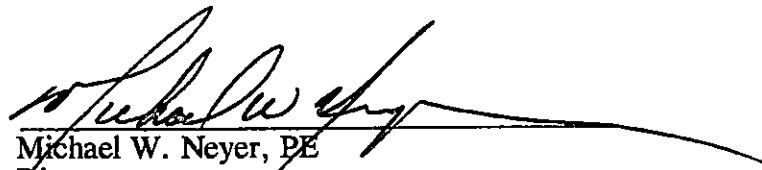
**STREAM** : Little Calumet River

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

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

**DESCRIPTION** : A 4,567' long levee will be built along the east, south, and west sides of the existing Marshalltown Subdivision located along the north overbank of the river. The levee will have 2½:1 side slopes, a maximum height of 12', and a top width of 10'; will be located about 800' landward of the top of bank, and will slope uniformly from a crest elevation of 599.60', NGVD, at the upstream end to 598.10', NGVD, at the downstream end. A 6' deep core trench with 1:1 side slopes and a bottom width of 6' will be excavated and then backfilled with compacted impervious material. A 48" diameter outlet pipe will be placed through the levee and equipped with a gatewall system, concrete headwalls at both ends, a granular fill seepage ring, and a flap gate. A riprap splash pad will be built at the pipe outlet. Other project features will include the excavation of a ditch from the outlet of the pipe (through the levee) down to an existing ditch, reconstruction of inlet and outlet boxes of an existing stormwater outfall structure located along the southwest bank, extension of an existing access road to the south side of the river, and removal of existing structures located along the northwest overbank. Details of the project are contained in plans and information received at the Division of Water on March 9, 1999, March 31, 1999, June 15, 1999, July 7, 1999, July 19, 1999, and August 11, 1999.

**LOCATION** : Along both floodplains, beginning about 500' downstream (southeast) of the I-65 river crossing and continuing upstream (northwest) for about 3,500' at Gary, Calumet Township, Lake County Section 14, and W½, Section 13, T 36N, R 8W, Gary Quadrangle  
UTM Coordinates: Downstream = 4601925 North, 475275 East, Upstream = 4602625 North, 474325 East

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

**APPROVED ON** : August 27, 1999

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-19,609**

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-19,609

- ( 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-19,609

**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 August 27, 2001 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: March 9, 1999, March 31, 1999, June 15, 1999, July 7, 1999, July 19, 1999 and August 11, 1999. Any deviation from the information must receive the prior written approval of the Department.

Number	Special Condition
( 1 )	revegetate all bare and disturbed areas with a mixture of grasses (excluding all varieties of tall fescue) and legumes as soon as possible upon completion
( 2 )	minimize and contain within the project limits all tree and brush clearing and provide the opportunity to utilize cleared trees of firewood and timber size
( 3 )	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
( 4 )	seed and protect all disturbed stream banks 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
( 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 )	construct the project in accordance with the scope and plans contained in "Little Calumet River, East Reach Remediation, Marshalltown Levee, Gary, Indiana, Environmental Assessment"
( 7 )	the mitigation plan must be revised by January 1, 2000 to include four (4) acres of forest plantings to minimize the effects of forest losses as a result of project construction
( 8 )	do not leave felled trees, brush, or other debris in the floodway*
( 9 )	upon completion of the project, remove all construction debris from the floodway*
(10)	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

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
**SPECIAL CONDITIONS**  
**APPLICATION #: FW-19,609**

Number      Special Condition

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- (11) 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, 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
- (12) 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
- \* NOTE: for regulatory purposes, the floodway is defined as the area inundated by the 100-year frequency flood as shown on Panel 8 of the Flood Boundary and Floodway Map for the City of Gary dated March 16, 1981, 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



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

REPLY TO  
ATTENTION OF:

September 7, 1999

District Engineer

Mr. Dan Gardner  
Little Calumet River Basin  
Development Commission  
6100 Southport Road  
Portage, Indiana 46368

SUBJECT: Little Calumet River Flood Control and Recreation Project - Funding Requirements

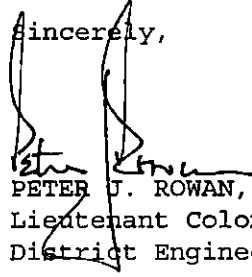
Dear Mr. Gardner:

As you may be aware, the Chicago District anticipates that it will receive \$8,000,000 in Federal funding in fiscal year 2000 and \$10,000,000 in fy 2001 for construction of the Little Calumet River Flood Control project. According to the Local Cooperation Agreement between the federal government and your Commission, these funds are to be matched by the Commission in a ratio of 75% to 25%. The Commission would therefore be expected to provide the equivalent of \$2,000,000 and \$2,500,000 in 2000 and 2001 respectively in a combination of project lands, relocations, and cash. In addition, \$610,000 will be needed in 2000 for the Burr Street levee, an upgrade from the authorized federal project, and \$1,000,000 in 2001.

We are concerned about your ability to meet these obligations. From our conversations, it appears that funding from the Indiana legislature has not been earmarked for this project in the current appropriations bill covering the next 2 years. We recognize that State appropriations constitute your largest source of funds. In addition to the financial ramifications of defaulting on these obligations, we are concerned about the risks inherent to the citizens of the State of Indiana resulting from slowing or stopping a partially completed project. A major flood event could have disastrous consequences to those areas unprotected by this important project.

We have always had an excellent working relationship with the Little Calumet River Basin Development Commission since the inception of the Burns Small Boat Harbor project and expect that relationship to continue. The Chicago District stands ready to provide whatever assistance it can in furtherance of attaining your funding needs. We urge you to contact those parties in the State government who can influence a decision to earmark the funds necessary to keep this important project on track.

Sincerely,

  
PETER J. ROWAN, P.E.  
Lieutenant Colonel, U.S. Army  
District Engineer

Copies Furnished:  
Mr. Louis M. Casale  
Congressman, Peter Viscloskey



**STATE OF INDIANA**

**Frank O'Bannon**  
**Governor**

**STATE BUDGET AGENCY**  
**212 State House**  
**Indianapolis, IN 46204-2796**  
**(317) 232-5610**

**Peggy Boehm**  
**Director**

**STATE BUDGET COMMITTEE**  
**SEPTEMBER 8 - 10, 1999 TRAVEL SCHEDULE**

**Wednesday, September 8** Dress Comfortably for Walking Tours

- 1:00 – 3:00 Travel to Logansport State Hospital
- 3:00 – 5:00 Tour Logansport State Hospital  
Dr. Jeff Smith, Superintendent 219-722-4141
- 5:15 Check in to Holiday Inn at Logansport  
3550 E. Market St. (which is also US 24)  
(219) 753-6351

**Thursday, September 9** Dress Comfortably for Walking Tours

- 7:30 – 8:30 Breakfast and Check out of Holiday Inn
- 8:30 – 9:15 Travel to Lake Shafer
- 9:30 - 11:00 Tour of Lake Shafer  
Joe Roach (219) 583-9784
- 11:00 - 12:00 Travel from Lake Shafer to Purdue
- 12:00 – 1:00 Lunch at Purdue  
(Lafayette Room, Purdue Memorial Union)
- 1:00 – 2:30 Tour and Discussion of Community Corrections  
Dave Kuebler, Executive Director (765) 742-1279  
(Transportation provided)
- 3:00 – 5:00 Overview and Tour of Purdue Research Park



**Friday, September 10**

Dress in Business Attire for Business Meeting

7:30 Breakfast (Anniversary Drawing Room – Purdue Memorial Union – Room 304)

8:00 President Beering – “State of the University”

8:30 Ken Burns – Technology expenditures and needs

9:15 Engineering at Purdue in the Next Millennium

- A description of the Engineering Schools’ Strategic Planning Process – Dean Richard Schwartz
- The programmatic impacts of the planning process
- The role of technology in the education of engineers (now and the next decade)
- Facilities Needs for the Engineering Disciplines – Dean Schwartz and Ken Burns (discuss both private sector initiative and public funded request)

10:45 Updates Creative Arts Facility and Food science Building

- Site location and explanation – Creative Arts Facility
- Food Science update

12:00 – 1:00 Lunch  
(Pilot Plant, Food Science Building)

1:30 – 3:00 Business Meeting  
(Anniversary Drawing Room – Purdue Memorial Union - Room 304)

3:30 Leave for Indianapolis \*

\* Those members remaining on Campus until Saturday please communicate with Purdue Staff for alternate arrangements.

Washington Twp. FD (Knox Co.) equipment repairs	15,000	15,000
White Co. Wolcott park Community Building	40,000	40,000
White River State Park – Washington Street Bridge	100,000	100,000
Whiting Parks Street Department	75,000	75,000
YWCA Renovations	25,000	25,000
Zion CDC	25,000	25,000
1999 BIF TOTAL	23,760,751	21,494,751

Rename:

The Learning Disability Center (Allen Co.) to  
Learning Development Preschool Center

Zion Missionary Baptist Church, Inc. Development Fund to  
Zion CDC

Roke Road Project (Clark Co.) to  
Rake Road Project (Clark Co.)

Clark Co. – Roke Road Project to  
Clark Co. – Rake Road Project

Center Twp. FD – smoke hood and defibrillator to  
Center Twp. FD - equipment

Special Build Indiana Fund

Sugar Creek log jam removal	70,000
Tri-State Food Bank of Evansville	130,000
→ Little Calumet River Basin Com.	1,500,000 ✓
Seelyville Water Tank	175,000
Warrick Co. Port Study	150,000
State Line Stormwater Drainage Improv.	175,000
Ohio River Greenway Project	100,000
Georgetown Water Project	450,000
Studebaker Museum	500,000
Harmony Drainage Improvements	100,000
Sandborn Community Center	50,000
Thorncreek Twp. Volunteer Fire Dept., Whitley Co.	17,000
Washington Twp. Volunteer Fire Dept., Allen Co.	17,000
Lake Twp. Volunteer Fire Dept., Allen Co.	16,000
Broad Ripple Central Canal Revitalization Project, Marion Co.	50,000
Morgan Twp. Volunteer Fire Dept., Porter Co.	50,000
Burdette Park, Discovery Lodge, Evansville, Vanderburgh Co.	50,000
Mooresville Infrastructure, Traffic Light, Brown Twp., Morgan Co.	50,000
Ft. Harrison Reuse Authority, Lawrence, Marion Co.	50,000
New Market Park Improvement & Softball Field Lights	50,000

**WASHINGTON, D.C.**

**Congress approves \$16 million  
in water projects for Indiana**

Congress gave preliminary approval Monday to more than \$16 million in Northwest Indiana waterway projects requested by U.S. Rep. Pete Visclosky, D-Ind.

The money includes \$9.4 million for a Little Calumet River flood control project, \$4 million for planning and construction of a landfill to hold dredged materials adjacent to the Indiana Harbor Ship Canal, \$1.8 million to fund regular operations at the Burns Waterway Harbor, \$100,000 for a general survey and investigation for the Hammond Shore Protection project and \$40,000 to fund regular operations at the Indiana Shoreline Erosion project.

The Little Calumet River flood control project funds are a continuance of the \$65 million Visclosky already has secured for the ongoing project.



**Duane W. Dedelow, Jr.**  
Mayor

**CITY OF HAMMOND**

September 7, 1999

Honorable Richard Lugar  
United States Senator  
8585 Broadway  
Merrillville, IN 46410

Dear Senator Lugar:

We have communicated in the past about recreation projects, on the Little Calumet River, in particular the development of Hammond Oxbow Park. A few years ago, your efforts helped us convince the Army Corps of Engineers (ACOE) to expedite its recreational spending so we could develop the Oxbow. That success, matched with our efforts, has enabled us to open a nature park in Urban America that has been praised for its beauty and accessibility to children. Even the Times saw fit to editorialize favorably about the park!

Once again I turn to you for help with recreational improvements along the Little Calumet River.

Enclosed you will find material on a recent Federal pass-through grant from Governor O'Bannon's office that will enable an extension of the Erie Lackawana bicycle trail in both Hammond and Highland. The key connection point for these trails is a yet-to-be-built trail bridge over the river..

I am asking your support in petitioning ACOE to expedite its recreational spending so the bridge can be built. It is important to note that this connection is a linchpin for four (4) separate trails, and this project and its construction have been urged by the North Township Trustee, the Town of Highland, the Little Calumet River Basin Development Commission and, through this letter, the City of Hammond. I believe this trail bridge over the river will be an important connection for residents from all over Northwest Indiana, and I look forward to any help you can bring to us in making this a reality.

If this project does not receive expedited status, this important connection for Northwest Indiana residents will have to wait several more years for this important connection to become a reality.

Sincerely,

Mayor Duane W. Dedelow, Jr.  
City of Hammond

DWD/eb

enclosure

cc: Dan Gardner  
Executive Director, LCRBDC

5925 Calumet Avenue  
Hammond, IN 46320

**219.853.6301**

fax: 219.931.0831

www.ci.hammond.in.us

e-mail: mayor@ci.hammond.in.us



A5

REGIONREPORT



SEPTEMBER 14, 1999 THE TIMES

## PORTAGE

### Docking boats will cost more at public marina

It will cost a little more for boaters to dock their vessels at the Portage Public Marina in 2000.

The Board of Works Monday approved increases in dock rates. Both base and excess footage rates will increase by 10 percent.

For example, a 28-foot boat cost \$1,190 to dock at the marina for the 1999 season. That cost will increase to \$1,309 in 2000.

The increase is the first since the marina opened four years ago, Harbormaster Mike Doyne said. The increase is necessary because some maintenance work, such as painting and replacing some wood, needs to be done next year.

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION  
FINANCIAL STATEMENT  
JANUARY 1, 1999 - AUGUST 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 - AUGUST 31, 1999

LEASE RENTS	41,708.52
INTEREST INCOME	39,818.80
LAND ACQUISITION	684,641.31
ESCROW ACCOUNT INTEREST	5,676.29
MISC. INCOME	213.00
KRBC REIMBURSEMENT RE: TELEPHONE CHARGE	1,264.17
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TOTAL RECEIPTS	773,322.09

DISBURSEMENTS - JANUARY 1, 1999 - AUGUST 31, 1999

ADMINISTRATIVE	
1998 EXPENSES PAID IN 1999	59,886.95
PER DIEM	8,200.00
LEGAL SERVICES	3,330.64
NIRPC	73,641.09
TRAVEL & MILEAGE	1,696.77
PRINTING & ADVERTISING	3,278.56
BONDS & INSURANCE	5,841.63
TELEPHONE EXPENSE	5,583.39
MEETING EXPENSE	2,560.39
LAND ACQUISITION	
LEGAL SERVICES	48,383.84
APPRAISAL SERVICES	61,475.00
ENGINEERING SERVICES	36,957.10
LAND PURCHASE CONTRACTUAL	11,377.00
FACILITIES/PROJECT MAINTENANCE SERVICES	19,890.18
OPERATIONS SERVICES	0.00
LAND MANGEMENT SERVICES	88,776.62
SURVEYING SERVICES	68,470.98
ECONOMIC/MARKETING SOURCES	3,164.99
PROPERTY & STRUCTURE COSTS	13,053.12
MOVING ALLOCATION	0.00
TAXES	2,268.84
LAND PURCHASE CONTRACTUAL	0.00
PROPERTY & STRUCTURES INSURANCE	20,699.00
UTILITY RELOCATION SERVICES	6,899.89
LAND CAPITAL IMPROVEMENT	21,517.80
STRUCTURAL CAPITAL IMPROVEMENTS	2,195.75
ESCROW ACCOUNT NBD BANK	0.00
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TOTAL DISBURSEMENTS	509,262.58

CASH POSITION - AUGUST 31, 1999

CHECKING ACCOUNT	
LAND ACQUISITION	342,145.82
GENERAL FUND	80,810.94
TAX FUND	0.00
INVESTMENTS	1,137,500.00
ESCROW ACCOUNT INTEREST	9,922.27
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	1,570,379.03



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# CLAIMS PAYABLE FOR SEPTEMBER 1999

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	LOUIS CASALE	283.33	RETAINER FEE BILLED THROUGH 9/27/99
5812	NIRPC	8,601.89	SERVICES PERFORMED AUGUST 1999
5812	UNITED PARCEL SERVICE	16.00	OVERNIGHT MAIL
5812	UNITED PARCEL SERVICE	12.50	OVERNIGHT MAIL
5812	UNITED PARCEL SERVICE	11.75	OVERNIGHT MAIL
5812	ON-SITE COMPUTER	157.00	SERVICE TO COMMISSION OWNED PRINTER
5824	GTE NORTH	71.09	MODEM TELEPHONE SERVICE 8/28/99-9/28/99
5824	GTE NORTH	345.20	BILLING PERIOD 9/16/99-10/16/99(TOTAL BILL 477.64 KRBC 132.44)
5824	MCI	254.78	BILLING PERIOD 8/15/99-9/14/99(TOTAL BILL 270.93, KRBC 16.15))
5825	SAND RIDGE BANK	64.05	MEETING EXPENSE FOR 9-20-99 MEETING
5825	SAND RIDGE BANK	71.10	COSTS INCURRED AT LEGISLATIVE COMMITTEE MEETING 8/25/99
5838	LOUIS CASALE	8,034.70	LAND ACQUISITION/LEGAL SERVICES 9/1/99-9/27/99
5842	J. F. NEW & ASSOCIATES INC	1,775.00	WETLAND PERMIT APPLICATION & MITIGATION DESIGN
5842	D P MARTIN DESIGN	2,332.93	PARTIAL COST INCURRED IN DESIGNING ARCHITECTURAL SERVICES FOR GLEASON PARK STAGE II-3B
5842	R. W. ARMSTRONG	8,772.50	ENGINEERING COSTS FOR PERIOD ENDING 8/13/99
5842	R. W. ARMSTRONG	2,865.37	ENGINEERING COSTS FOR PERIOD ENDING 9/17/99
5843	ON-SITE COMPUTERS	700.00	COSTS INCURRED RE: TRACKING PROGRAM
5844	JAMES POKRAJAC	3,990.00	LAND MANAGEMENT/ENG SERVICES 8/16/99-8/31/99
5844	JAMES POKRAJAC	143.08	AUGUST MILEAGE
5844	JAMES POKRAJAC	2,964.00	LAND MANAGEMENT/ENG SERVICES 9/2/99-9/15/99
5844	JUDITH VAMOS	2,180.50	LAND ACQUISITION/MANAGEMENT SERVICES 8/16/99-8/31/99
5844	JUDITH VAMOS	11.48	AUGUST MILEAGE
5844	JUDITH VAMOS	1,980.00	LAND ACQUISITION/MANAGEMENT SERVICES 9/1/99-9/15/99
5847	COLE ASSOCIATES INC	90.00	SURVEY COSTS INCURRED IN STAGE IV-1(PARTIAL BILLING)
5847	COLE ASSOCIATES INC	56.23	SURVEY COSTS INCURRED IN STAGE II-3B(PARTIAL BILLING)
5847	COLE ASSOCIATES INC	5,989.96	SURVEY COSTS INCURRED AT STAGE VI(PARTIAL BILLING)
5847	COLE ASSOCIATES INC	1,305.00	SURVEY COSTS INCURRED IN STAGE IV-1(PARTIAL BILLING)
5847	GREAT LAKES ENGINEERING	907.50	SURVEY COSTS INCURRED AT WIND BLDG IN STAGE IV-1
5847	GREAT LAKES ENGINEERING	3,477.50	SURVEY COSTS INCURRED IN SIV-PIS
5847	GREAT LAKES ENGINEERING	2,000.00	SURVEY COSTS INCURRED IN BETTERMENT LEVEE
5848	MERGING PICTURES INC	2,125.00	ADD'L COST INCURRED RE: PROJECT VIDEO
5861	BERNARD AND LENORA SWETS	2,200.00	PURCHASE PRICE OF DC-609
5861	LOUIS CASALE	100.00	REIMBURSEMENT FOR FILING FEE FOR CONDEMNATION DC-546
5863	LAKE COUNTY TREASURERS OFFICE	2,521.23	TAXES ON DC-541, 743, 513, & 376
5882	R. W. ARMSTRONG	1,837.50	UTILITY RELOCATION SERVICES FOR PERIOD ENDING 8/13/99
5882	R. W. ARMSTRONG	52.50	UTILITY RELOCATION SERVICES FOR PERIOD ENDING 9/17/99
5883	ALL AMERICAN CONSTRUCTION	16,500.00	COMMISSION COST SHARE OF CARLSON OXBOW TRAIL EXTENSION WORK

TOTAL 84,780.67

8031  
#237  
2125  
802. 9-30  
9/24/99

2,125.50  
162.50  
2,287.50

16000

2287.50

# INVOICE

**NORTHWESTERN INDIANA  
REGIONAL PLANNING COMMISSION**  
6100 Southport Road  
Portage, IN 46368  
219-763-6060 Fax 219-762-1653

INVOICE NO: 8/8  
DATE: 09/01/99

To: LITTLE CALUMET RIVER BASIN  
DEVELOPMENT COMMISSION  
For: Services performed AUGUST 1999

Contract code: P-LCRBDC  
Internal code: P219

DESCRIPTION	AMOUNT
Salaries and fringe benefits	6,950.00
Accounting services	500.00
Room rental	580.00
Postage	205.08
Copying charges @ \$5.00/month plus \$.06 per copy 4355 copies	266.30
Fax machine / Long distance @ \$5.00 plus current charges	20.01
Graphics, printing and clerical time at \$23.00/hr; 3.50 hours	80.50
Petty Cash	
Other	
<b>TOTAL</b>	<b>\$ 8,601.89</b>



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

REPLY TO  
ATTENTION OF:

September 8, 1999

Programs and Project Management Division  
Project Management Branch

Ms. Patricia M. Rench  
Operations Officer  
NBD Bank,  
1801 Kennedy Avenue  
Schereville, IN 46375

SUBJECT: Little Calumet River Project Construction Fund Escrow Account  
Number 7500-0244-4747

Dear Ms. Rench:

The Department of the Army hereby issues a written request for withdrawal of \$300,000 from the referenced escrow account in accordance with the escrow agreement entered into on August 19, 1990.

Please provide the amount requested above in the form of a bank draft, payable to "FAO, U.S. Army Corps of Engineers, Chicago District." Please mail or otherwise deliver to this address to the attention of Ms. Sherrie Barham, CELRC-PP-PO, within 10 days of receipt of this letter.

Sincerely,

Peter J. Rowan, P.E.  
Lieutenant Colonel, U.S. Army  
District Engineer

Copies Furnished:

Mr. Dan Gardner  
Executive Director  
Little Calumet River Basin  
Development Commission

# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: 10-7-99

LOCATION: 6100 Southport Rd, Portage CHAIRMAN: Emerson Delaney

**PLEASE SIGN IN**

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	Don Ewaldt	LAKE ERIE LAND CO.
2	David Hendrix	The Times
3	Kerry A. Keith	SEH, INC.
4	DENIS BUKSA	MUNSTER, IN
5	JIM FLORA	R.W. ARMSTRONG
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**PROJECT ENGINEERING**  
**MONTHLY STATUS REPORT**  
**Thursday, October 7, 1999**

---

**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 – Contract price \$1,292,066  
Project 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.
2. Broadway pumps station remains to be inspected.
  - A. Final testing and turnover to Gary Sanitary District is pending. Waiting on contractor response to complete testing. (Still waiting to schedule operational test)
3. Survey work has been completed to re-route recreation trail off of existing levee North of IUN to cross at 32<sup>nd</sup> Avenue. (Refer to Recreation report)
4. The COE sent a final punch list to Rausch Construction on August 25<sup>th</sup> requesting these items be ready for final inspection no later than September 24<sup>th</sup>.
  - It is currently scheduled for early to mid-October

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

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.
  - Currently, \$3,680,554 has been spent on this project.
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 as of October 4<sup>th</sup>.



**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 and the anticipated overall completion is for September of 1999.
  - B. Current money spent to date is \$4,175,000
2. This portion of levee construction has been completed.
  - A. The pump station has been completed and is ready to be tested. (The meter has been installed as of December 9<sup>th</sup>, 1998, which will begin the 30 month payback agreement to NIPSCO by the GSD.)
    - Contractor and COE still coordinating to schedule the pump test.
3. The COE sent a final punch list to Rausch Construction on August 25<sup>th</sup> requesting that these items be ready for final inspection no later than September 24<sup>th</sup>.
  - **It is currently scheduled for inspection in early to mid-October.**

**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.**
  - We submitted sets for review to the Gary Sanitary District and the Lake Erie Land company on April 6. We are awaiting their response and will have a coordination meeting for drainage in the entire Grant Street area with Gary, GSD, COE, and LCRBDC upon receipt. (Ongoing)
  - **A coordination meeting was held with the LCRBDC and Greely & Hansen (representing the GSD) on September 17<sup>th</sup>, that reviewed the overall drainage problems on both sides of Grant St. We are working with them to develop a comprehensive plan for drainage in this area.**

**STATUS (Stage IV Phase 1) Cline to Burr:** This area was modified to include the drainage system from Colfax to Burr on June 21<sup>st</sup>, 1995.

1. The COE has agreed to release this project in (2) segments.
  - A. **IV-1 (North)** The drainage system from Colfax to Burr Street North of the Norfolk Southern RR.
    - **The current schedule is to sign the ROE on 9/15/99; advertise on 9/30/99; and award on 11/15/99, and to have construction start in January, 2000.**
  - B. **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. **A revised section of the ditch bottom was approved and included in the plans and specifications as per requests during engineering review by the LCRBDC using concrete.**
3. A field coordination meeting was held on July 16<sup>th</sup> with the COE, NIPSCO, Ameritech, Lake County Highway, and the LCRBDC to review the relocation of utilities to serve the WIND facility.



- **Norfolk Southern R.R. gave a verbal approval to allow overhead service on their right-of-way. NIPSCO currently coordinating with Ameritech to submit a plan for review and comments.**
4. The COE wrote a letter to INDOT on Jan. 22<sup>nd</sup> (We got a copy on Feb. 25<sup>th</sup>) suggesting coordination for our work limits extending onto an already created mitigation area.
    - We received a letter from INDOT on August 26<sup>th</sup> (dated August 19<sup>th</sup>) indicating that this area will be used for mitigation and that we should pursue another location.
    - We sent a fax to Ed Tang (INDOT Project Manager for Cline Ave.) on Sept. 13<sup>th</sup>, enclosing real estate requirements and suggesting we discuss this possibility. (Refer to Land Acq. Report)
    - A COE letter was sent to Detroit COE requesting needed easements for project construction purposes and requesting this land not be used for mitigation by INDOT.
  5. The COE sent the final drawings for design for the WIND radio property to their engineer for comments on May 11<sup>th</sup>.
    - The survey has been completed, the legals are finished, and the appraisal process has started.
    - A follow-up letter was sent to WIND by the COE on Aug. 31<sup>st</sup>, 1999, asking them again to complete final engineering review.
    - A new point of contact (Paul Easter) was hired in approximately early September and the COE is currently familiarizing him with the design.

2

3

**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.
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. We received a letter from the COE on May 3<sup>rd</sup> (dated April 28<sup>th</sup>) that the pump station training was performed on April 22<sup>nd</sup> with the designated reps of the GSD.
  - C. The LCRBDC met with the COE, Dyer Construction (general contractor), and Austgen Electric (pump station sub-contractor) on May 3<sup>rd</sup> and accepted part of the spare parts.
    - We are awaiting the remaining of the spare parts to complete the checklist. (Ongoing)
    - GSD will not accept responsibility for any pump station until all issues are resolved and turnovers completed. (Refer to Land Management Report)
  - D. We received a copy of a letter from the COE on September 3<sup>rd</sup>, 1999, indicating final items to be completed prior to the upcoming final inspection.

4

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

1. 100% of levee construction has been completed, and the projected overall completion is for the fall of 1999.



- Although pre-loading was done, settlement caused a break in the joint from the headwall to the gatewell in the closure structure west of Chase Street. This will be allowed to further settle until mid-summer, upon which the repair will be made.
  - Ayres & Associates have prepared the engineering repair and made recommendations to the COE. (A/E liability is pending with the COE).
  - The fourth survey by the A/E was done during the week of July 19<sup>th</sup> to determine if settling is done.
  - Paving of recreational trail access ramps will be done this fall.

**STATUS (Betterment Levee) EJ&E to Burr Street (North of NIPSCO R/W), across RR, then north of railroad R/W eastward ½ way to Clark, thence south.**

1. COE projects levee installation along the east R/W line of the EJ&E RR across the NIPSCO north R/W line, then extending levee east from the EJ&E RR along the north side of the NIPSCO R/W, thence east to Burr Street, thence north across the Norfolk Southern RR, then East (north of the RR right-of-way) ½ way between Burr and Clark, then back south over the RR, and then going back approx. 1400' south.
  - A. It has been verbally agreed that this will be broken up into (2) segments as follows: (refer to the Land Acquisition report)
    - Phase 1 will include levee and ditch work from the E.J. & E R.R to Colfax Ave., including a one-year option on the work on the E.J. & E. R/W and the Colfax Road raise.
    - Phase 2 will include the remainder not included as part of Phase 1, primarily from Colfax to the area ½ between Burr and Clark.
2. 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 \$183,543 without contingencies on May 12<sup>th</sup>.
    - Our review to Lou shows COE concurrence for this cost and the relocation for an agreement with Marathon.
  - 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 \$120,197.
    - The cost estimate was reviewed and approved by the COE.
    - Currently, we are coordinating with NIPSCO to see if we would be required to compensate them for their relocation on a public right-of-way.
3. **We received a letter from the E.J. & E. R.R. on September 1<sup>st</sup>, 1999 (forwarded to Lou for review & comments on September 8<sup>th</sup>) regarding recreational trail crossing at grade.**

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

1. No protection at this time from Cline Ave. to Arbogast. (Locally protection will be provided).
2. Clearing and grubbing in this area have been completed. The levee construction **will begin approx. September 20<sup>th</sup>, 1999**, and will be completed by mid-October.
3. We have to get an easement agreement with the developer to allow them to build on our 30' strip of land south of the NIPSCO R/W.



- The license agreement was sent to Kortenhoven on September 2nd to sign. This will allow him to start levee construction before the middle of September.
- 4. **A meeting was held with the Town of Griffith and Kortenhoven on September 3<sup>rd</sup>, 1999 to review upcoming construction, schedule of construction, and right of entry.** 6
  - **Right of entry for Kortenhoven to use Commission land as a permanent levee easement was signed on September 7<sup>th</sup>, 1999. (See Land Management report.)**
- 5. **We received a letter from the Town of Griffith on September 7<sup>th</sup>, 1999, acknowledging their responsibility for maintenance, repair, and replacement if destroyed.** 7

**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. Letter was received from Phillips Pipeline on 9/27/99 requesting expansion of the scope of work of original agreement with them to allow for design and survey work at a cost to us of \$20-25,000. 8-9
3. A letter was sent to FEMA on September 10<sup>th</sup>, 1999, from Christopher Burke on behalf of the Town of Highland concerning the Wicker Park Manor Subdivision to revise the mapping to remove them from the flood plain. 10-13

**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. We received "final" real estate drawings from the COE on July 13<sup>th</sup>, requesting us to proceed with the acquisition. (See Land Acquisition Report)
  - We received final plans and specifications from the COE on August 31<sup>st</sup>, 1999, which will allow the beginning of the appraisal process. 14

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

1. At the July 27, 1999 Real Estate meeting, the current schedule shows a July 1<sup>st</sup>, 2001 contract award date.
  - We feel this date is non-realistic. With the funding available, and with appraisals and agreements required for the right of entry, a 2003 date would be more realistic.
2. We received "final" real estate drawings from the COE on July 13<sup>th</sup>, requesting us to proceed with acquisition (See Land Acquisition Report).
  - We received final plans and specifications from the COE on August 31<sup>st</sup>, 1999, which will allow the beginning of the appraisal process. 14



#### **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>. Final engineering and real estate layouts **are ongoing with the COE.**

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

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. A letter was sent to the COE on April 30<sup>th</sup> with comments regarding the A/E scope Of work and indicating that stages VII and VIII will probably not be done for another six to seven years.
  - B. The A/E award was given Rust Engineering.

#### **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. A letter was sent to the COE on April 30<sup>th</sup> with comments regarding the A/E scope of work and indicating that Stages VII and VIII will probably not be done for another six to seven years.
  - B. The A/E award was given to S.E.H. (Short, Elliot & Henderson Inc.)

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

1. The DNR permit is in the final stages of review and should be completed in time to start construction by 9/30/99.
2. **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.**
  - **Projected construction start by end of September (This will include clearing and grubbing).**
3. **We received a letter from the COE on September 10<sup>th</sup>, 1999, in response to Greely and Hansen (GSD Consultants) regarding interior drainage and pumping concerns at the Marshalltown Subdivision.**
  - **This was discussed and reviewed with Greely and Hansen on September 17<sup>th</sup>, 199. They intend to write a letter of response proposing to increase this capacity.**

15-17

#### **West Reach:**

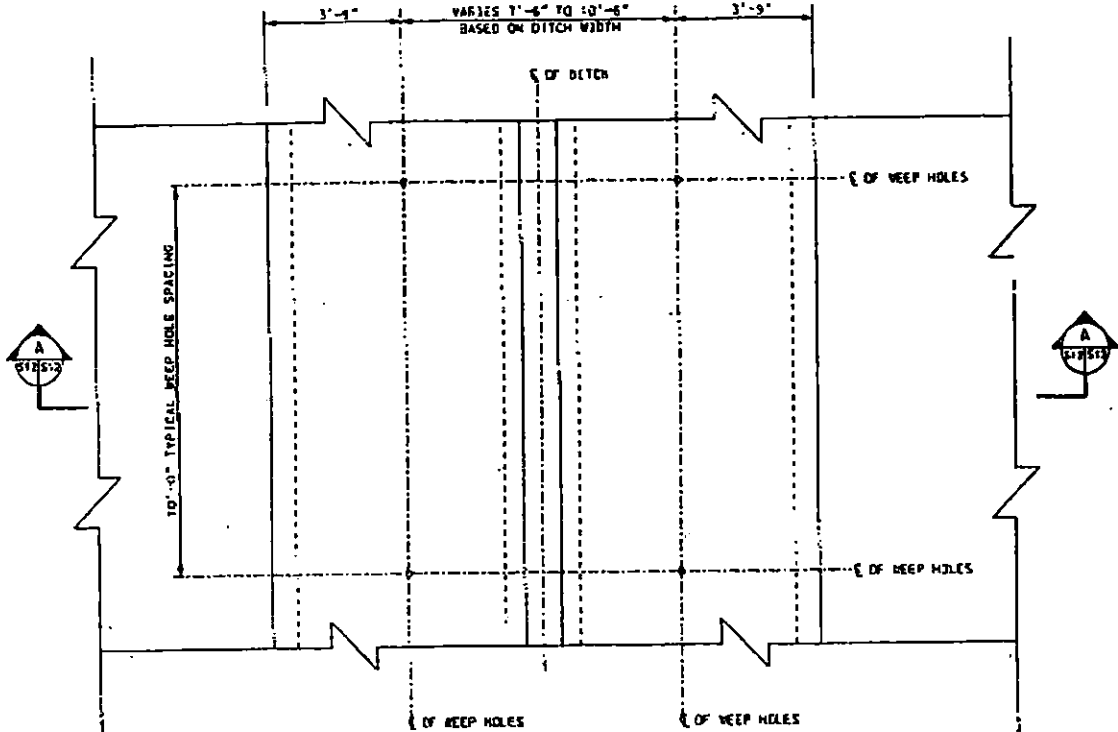
1. **Pump stations:**
  - The four (4) pump stations that are included in this scope are Baring, Walnut, S. Kennedy, and Hohman/Munster.
2. We received a letter from the COE on August 12<sup>th</sup> declining the request from the Gary Sanitary District to cost share the installation of telemetry to the 4 stations based upon federal regulations.
3. A letter was sent to the Hammond Sanitary District on August 26<sup>th</sup> suggesting they pursue damage to one of the pipes serving the south Kennedy pump station by INDOT.
  - **We are currently awaiting written response from the HSD.**



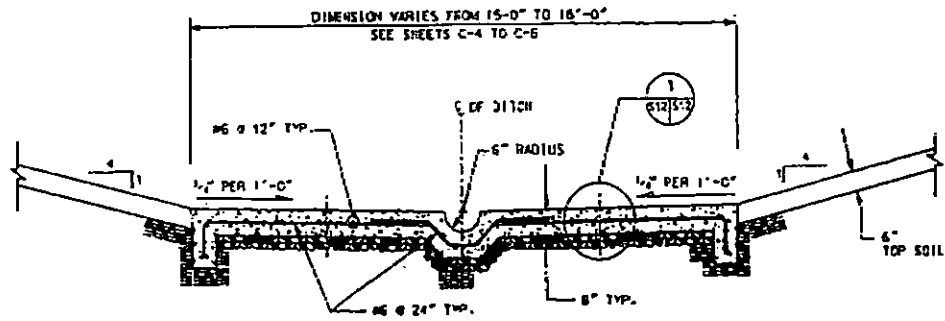
4. We received a letter from the COE on September 20<sup>th</sup>, 1999, requesting we get HSD to provide standby (emergency pumping) along with a draft of the current schedule. 18-19
5. We submitted a letter to the COE on September 24<sup>th</sup>, 1999, requesting a coordination meeting with the HSD to discuss standby pumping. 20-21

**General:**

1. A letter was written to Lou Casale on June 17<sup>th</sup> requesting information regarding Commission cost for utility re-locates on a public right-of-way. We would like to see if there is a way that the LCRBDC could avoid these costs with any agreements already in place with municipalities.
  - A. We received some information from NIPSCO on September 3<sup>rd</sup>, 1999, enclosing a copy of their indeterminate permit with Gary. Currently being reviewed by the Commission attorney. 22

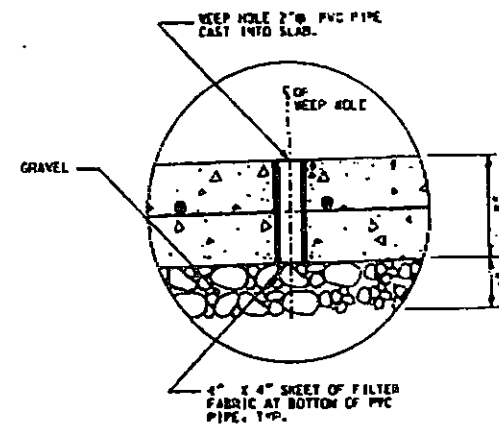


PLAN  
SCALE: 3" = 1'-0"

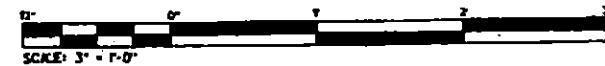
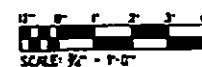


SECTION  
SCALE: 3" = 1'-0"

- NOTES:
1. SEE SHEETS C-1 TO C-6 FOR DITCH ALIGNMENT.
  2. DITCH LINING CONCRETE SHALL BE 3000 PSI.
  3. WEEP HOLES SHALL BE SPACED AS SHOWN AND SHALL BE LOCATED BETWEEN THE REINFORCING.
  4. DITCH LINING SHALL BE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT.



DETAIL  
SCALE: 3" = 1'-0"



PROJECT NO. 1234567 SHEET NO. 1234567 DATE: 12/12/2023	DRAWN BY: J. Smith CHECKED BY: A. Jones APPROVED BY: B. Brown
UTAH DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS 150 EAST 200 SOUTH, SALT LAKE CITY, UT 84143	
CONTRACT NO. 1234567 PROJECT LOCATION: 1234567	
12/12/2023	





REPLY TO  
ATTENTION OF

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

September 21, 1999

Programs and Project Management Division  
Project Management Branch

Mr. Tom Allenson  
Corps of Engineers  
P.O. Box 1027  
Detroit, MI 48231-1027

Dear Mr. Allenson:

As per our phone conversation enclosed are copies of sketches concerning our flood control levee and the INDOT mitigation area between stations 0+00 and 3+00 of the Little Calumet River Flood Control Project, Stage IV, Phase 1, south. As shown on exhibit "A", permanent easement will be needed for the levee construction. This land can not be used for any mitigation by INDOT, also the land east of the levee will be cut off by the levee from the rest of this area. Temporary easement will be needed, west of the levee, only for the duration of construction and could be reused by INDOT once the construction is finished. Please review the enclosures and let us know when could we have a discussion on this subject.

If you have any additional questions please contact Mr. Jan Plachta of this office at (312) 353-6400, extension 1801.

Sincerely,

A handwritten signature in black ink, appearing to read "Imad Samara", written over a horizontal line.

Imad Samara  
Project Manager

Encl

CF: Greg McKay  
*Jim Polunajac*



REC'D SEP 3 1999

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

REPLY TO  
ATTENTION OF

August 31, 1999

Programs and Project Management Division  
Project Management Branch

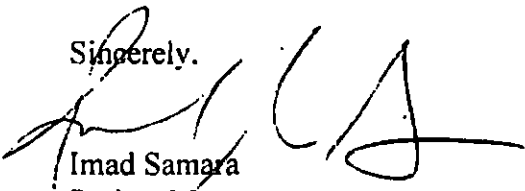
Mr. Robert Lopez  
WIND Radio  
625 N. Michigan Ave., Suite 300  
Chicago, IL. 60611

Dear Mr. Lopez:

The Plans and Specifications for the Little Calumet River Flood Control Project, Stage IV, Phase 1, are being finalized now. Enclosed are two drawings with the most current layout of our I-wall and the flood control levee in vicinity of the WIND Radio structures in Griffith, Indiana. In accordance with the discussions we had at the meeting on February 5, 1999 at your office, the I-wall around the building has been replaced with three foot high clay berm and the main line of protection has been relocated to the north side of the building. Please review the drawings and provide us with your comments at your earliest convenience.

If you have any additional questions please contact Mr. Jan S. Plachta of this office at: (312) 353-6400 Ext. 1801.

Sincerely,

  
Imad Samara  
Project Manager

Encl.

CF: Jim Pokrajac - LCRBDC ✓

3





REPLY TO  
ATTENTION OF:

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

**SEP 03 1999**

Construction-Operation Division  
Calumet Area Office (1180-1-1q)

SUBJECT: Contract No. DACW23-95-C-0073  
Stage IV- Phase 2A, Levee Construction  
Little Calumet River, Indiana  
Preliminary Punchlist

Mr. David Neises  
Dyer Construction Co., Inc.  
1716 Sheffield Avenue  
Dyer, Indiana 46311

Dear Mr. Neises:

As a result of the inspection, observation and review of the contract requirements by Dyer Construction Co. and the Calumet Area Office on, September 2, 1999, the following items remain to be addressed under the subject contract:

1. Spot seeding on the pond floor.
2. Warranties (transferable)
  - a. Pumps; two main and one sump pump (5 years or 10,000 hrs.)
  - b. Metal building (20 years)
3. Response to Transmittal No. 24.22
4. Verification of grease fitting/ lubrication of sluice gate stem, by supplier.

It is requested that you address these items immediately. Following completion of these items, we will schedule a final inspection with representatives of the District office and the Little Calumet River Basin Development Commission. Any items identified during the final inspection shall also be addressed immediately after the inspection. It is in the interest of all involved parties to close out this contract as soon as possible. I am requesting that you take the actions necessary to complete the items listed above, so we can schedule the joint final inspection in early October.

If you have any questions concerning this matter, they shall be directed to Mr. Ven Garces at (219) 923-1763/4.

Sincerely,

Thomas A. Deja, P.E.  
Authorized Representative  
of the Contracting Officer

Enclosure

**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***

---

September 1, 1999

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

**SUBJECT: At-Grade Recreation Trail Crossing**

Dear Mr. Pokrajac:

This letter serves as notification that the EJ&E will permit the proposed, at-grade recreation trail crossing that is to be constructed in conjunction with the Burr Street Betterment Levee Project within Griffith, Indiana.

Prior to actual construction, the at-grade crossing is subject to a fully executed license agreement between the EJ&E and the trail owner. The trail owner is expected to indemnify the railroad for any and all liability associated with the trail's use. Find attached a copy of a sample license agreement that can be used for reference purposes.

Be advised that the proposed crossing location will be blocked for extended periods, 15 minutes and beyond dependent upon operating requirements, due to its proximity to the interchange between the EJ&E and Norfolk Southern (NS). It is imperative that the trail users do not attempt to cross a stopped train and signs should be installed to make the users aware of this condition.

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

Sincerely,



Mark A. Paull

cc: KLH  
DRO  
DMS  
MST

5

# Memorandum

August 31, 1999

LOU-769-3561 - Ext. #132

TO: Jim Pokrajac  
Richard Kortenhoven  
Wayne Govert  
Stan Dobosz  
Jim Reyome  
Bill Greco  
Bob Schwerd

Post-It® Fax Note	7671	Date	8/31/99	# of pages	1
To	JIM POKRAJAC		From	DENNIS ZEBELL	
Co./Dept.			Co.		
Phone #			Phone #		
Fax #	(219) 762-1653		Fax #		

FROM: Dennis A. Zebell, P.E.

RE: River Road Levee Construction  
Pre-Construction Meeting

DATE: Friday, September 3, 1999

TIME: 11:00 A.M.

PLACE: Griffith Town Hall - Basement Meeting Room

The meeting will be held to discuss important issues regarding right-of-entry and construction of the proposed levee along River Road. Richard Kortenhoven is requested to have the Contractor's representative present who will be responsible for the work in the field at 11:30 AM. Proposed Agenda:

1. **RIGHT OF ENTRY**
  - A. LCRBDC License/Permit
    - Insurance Issues
    - Modify Exhibit "A"
  - B. NIPSCO
  - C. Town of Griffith
  - D. Griffith Golf Course Property
2. **SCHEDULE**
  - A. Start/Completion Dates (48 Hour Notice)
  - B. Work Hours
3. **METHODS OF CONSTRUCTION**
  - A. Clearing and Grubbing
  - B. Storm Drainage Issues
  - C. Permit Conditions
  - D. Survey/Staking
    - Check line w/ACOE project
  - E. Levee Construction
    - Haul Routes
    - Compaction Testing
    - Topsoil/Seed
    - Erosion Control Blankets
    - Utilities
    - Interceptor Sewer
    - Details at East End

**COUNCIL MEMBERS**

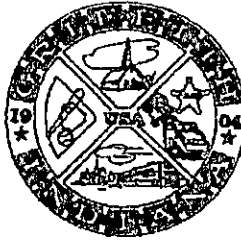
Wayne Govert  
1st Ward

Richard Konopasek  
2nd Ward

David Blount  
3rd Ward

Patricia G. Schadt  
4th Ward

Stan Dobosz  
5th Ward



**Clerk - Treasurer**

Ronald J. Szafarczyk

**Director of Public Works**

James D. Royome

# Town of Griffith

111 N. Broad St., Griffith, IN. 46319-2294

Phone (219) 924 - 7500

Fax (219) 922 - 3072

September 7, 1999

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

Re: Town of Griffith - River Road Levee Construction  
Cline Avenue to EJ&E Railroad

Dear Mr. Pokrajac:

This letter shall serve as confirmation that once the River Road levee construction project is completed by Richard J. Kortenhoven, d/b/a Kortenhoven Builders, Inc., and the construction is approved by the Little Calumet River Basin Development Commission and the Town of Griffith, the Town of Griffith will then be responsible for all future maintenance, repair, and, if destroyed, the replacement of the levee.

Sincerely,

Town of Griffith

By:

  
Wayne Govert  
Town Council President



September 29, 1999

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

Re: Phillips Pipe Line  
Stages V-1 and V-2

Dear Mr. Samara:

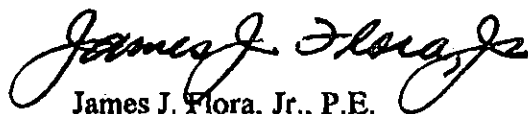
With this letter we are transmitting a copy of a September 27, 1999 letter from Phillips Pipe Line Company. Phillips' letter requests the LCRBDC to amend their agreement with Phillips to allow Phillips to prepare a detailed design analysis and action plan. It is our understanding this detailed design analysis and action is needed for the Corps before the Corps will indicate whether it will accept directional drilling method of pipeline relocation rather than the "up and over" method of pipeline relocation.

Before taking action on this request the LCRBDC would like assurance from the Corps that, even if directional drilling is ultimately not accepted by the Corps, the cost for Phillips to prepare the necessary design analysis and action plan (for the Corps consideration) will be considered eligible for credit. Please let us know whether or not the Phillips proposed cost is considered eligible for credit prior to the commission meeting on October 7, 1999.

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  
Enclosure

cc: Dan Gardner, LCRBDC  
Jim Pokrajac, LCRBDC  
Lou Casale, LCRBDC Attorney

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>	





PROPERTY TAX, REAL ESTATE AND CLAIMS  
210 PARK AVE., SUITE 2500  
OKLAHOMA CITY, OKLAHOMA 73102

September 27, 1999

File: IN/Lake R039

Mr. James J. Flora  
Vice-President  
R.W. Armstrong & Associates  
8320 Broadway Avenue  
Merrillville, IN 46410

Re: Proposed Pipeline Adjustments Accommodating Little Calumet River  
Levee Reconstruction Projects: Stage V-1 and V-2  
Lake County, IN

Dear Mr. Flora:

I apologize for the delayed response to your recent inquiry concerning the above referenced matter.

Phillips appreciates the Chicago District Corps of Engineer's (COE) and your interest in consideration of Phillips' last proposal relating to the manner of pipeline adjustments in accommodating the Little Calumet River Levee Reconstruction Project, that using directional drilling techniques to clear both levees.

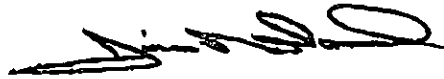
Prior to proceeding in submitting the requested detailed design analysis and action plan as requested by the COE, Phillips will need to conduct on site survey and testing. The on site data needed includes a survey to verify the proper drill alignment as well as core sampling to determine the drill depth and distance of the drill. Our company and contract design engineering expenses in gathering the necessary on site information as well as in providing the detailed drawings accompanying our design proposal are estimated at between \$20,000 to \$25,000. Additional information concerning this estimate can be furnished if requested.

Since the existing agreement only pertains to an "up and over" relocation of the pipelines over the South levee, Phillips wishes to confirm these additional expenses to be incurred as we expand the scope of our work from as originally

proposed are reimbursable items covered by Agreement dated November 6, 1995, between the Little Calumet River Basin Development Commission and Phillips. If so, please advise and we will commence with the necessary field survey.

Please contact me at (405) 270-8381 if you have any questions.

Very truly yours,



Jim Noland

Cc: Clarence Hill  
Leo Benavides  
Manny Cortez  
Mason Range  
Gary Hanten





COPY

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

National City Center Suite 1368 South 115 West Washington Street Indianapolis, Indiana 46204 TEL (317) 266-8000 FAX (317) 632-3306

September 10, 1999

Greg Hughes, P.E.  
GTS Technologies, Inc.  
c/o Dewberry & Davis  
8401 Arlington Blvd.  
Fairfax, VA 22031

RE: Wicker Park Manor Subdivision - Letter of Map Revision  
Town of Highland, Lake County, Indiana (FEMA Case No. 99-05-179)  
(CBBEL Project No. 99-341)

Dear Mr. Hughes:

This letter is being written to you on behalf of our client, the Town of Highland, in response to a letter from Mr. Matt Miller, P.E. of the Federal Emergency Management Agency (FEMA), dated April 30, 1999 (copy enclosed as **Attachment 1**) regarding the referenced project. Christopher B. Burke Engineering, Ltd. (CBBEL) was recently retained by the Town of Highland to coordinate the compilation and submittal of the requested information so that a Letter of Map Revision (LOMR) can be issued for the referenced project, as soon as possible.

CBBEL coordination efforts to date have included discussions with Mr. Ken Hinterlong of FEMA Region 5, Mr. Cleighton Smith of Dewberry & Davis, Mr. Long Nguyen of your office, and Mr. Mark Lopez of Congressman Viscloskey's office. CBBEL has also collected pertinent information from the Indiana Department of Natural Resources (IDNR), U.S. Army Corps of Engineers (COE), and the Town of Highland. Based on these discussions and the compiled data, we have prepared the following item-by-item response to the April 30, 1999 letter. It should be noted that FEMA's April 30, 1999 letter is the culmination of a thorough inspection and review of numerous reports and substantial documentation submitted by the IDNR and COE during the past 8 years, commencing with an IDNR request in July 1991. Based on our discussions with various parties, the information requested in the April 30, 1999 letter is the only remaining data needed and FEMA has already accepted other aspects of the LOMR request, based on the data it already possesses. To avoid any confusion, the following responses and the attached support documentation are prepared in such a way as to avoid submittal of duplicate information to FEMA.

1. Regarding FEMA's request for "certification to the NFIP Section 65.10 criteria for the east (active CONRAIL) embankment", enclosed as **Attachment 2** is a plot of the active railroad profile surveyed by the IDNR - Division of Water in March 6, 1991. As can be seen from the profile, the elevation of the lowest point along the crest is 601.4 feet, providing a minimum 3.0 feet of freeboard, as required by FEMA. Based on a recent field visit by CBBEL staff, there are no hydraulic connections (culverts) between the two sides of the active CONRAIL embankment within this reach of the embankment. We would also like to discuss a few other issues regarding the east (active) railroad:

- The east (active CONRAIL) railroad embankment is a massive structure (with two active railroads on top of it) that has been in place for many years and appears to have been well maintained by the railroad company. Recently-taken photographs of the embankment, provided as **Attachment 3**, demonstrate the massive size of the embankment and its maintenance condition. Since this massive earthen embankment has been in place prior to the publishing of the floodplain map by FEMA, the embankment should be viewed as "natural high ground". It is designated by FEMA as a Zone "C" area.
- The noted active railroad embankment is a temporary tie-in at the downstream end of the recently constructed COE riverine levee and is not expected to be exposed to moving waters. It will only be a temporarily portion of the "levee system" until the Stage V Phase 2 segment of the Little Calumet River levee is constructed by the COE. The COE will install a steel sheet pile cutoff wall to transition the line of protection to the east side as part of construction of Stage V Phase 2.
- Due to the railroad being actively (and heavily) used, it is not feasible or safe to obtain soil borings and therefore a detailed stability analysis of the embankment is not possible.
- The east (active CONRAIL) embankment has an existing top width of 35 feet and 2 to 1 side slopes. Based on numerous site inspections by the IDNR – Division of Water staff and soil borings obtained from an abandoned railroad forming the western boundary of the levee system (see the ATEC Associates, Inc. report, dated April 1991), the fill materials are expected to be predominantly silty clay soils that contain varying small amounts of sand, gravel, and organic material. No record of any past failure of the noted railroad embankment exists.
- The issue of stability of the east (active CONRAIL) embankment and the fact that IDNR believed the embankment met FEMA's criteria without needing further analyses, was discussed in the IDNR's initial request letter to FEMA, dated July 8, 1991. However, while several aspects of the proposed strategy were noted as concerns by FEMA through much correspondence and many telephone conversations between 1991 and 1997, the need for active railroad stability certification has never, in the past, been brought up by FEMA as a concern. Based on recollections of several IDNR staff, their staff felt that the noted FEMA's silence regarding the active railroad, implied FEMA's acceptance of the IDNR strategy regarding the active railroad's appropriateness as a tie-in.

It is our belief that this massive structure should be accepted by FEMA as meeting the intent of NFIP regulations Section 65.10 criteria. We believe this to be true given the above discussion and the fact that this embankment will not remain as a permanent part of the line of protection.

2. Regarding FEMA's request for "certification to the NFIP Section 65.10 criteria for the west/southwest abandoned railroad embankment located south of Station 94+00", it should be noted that at Station 94+30, the line of protection transitions to the Indianapolis Boulevard/Route 41 crossing embankment, a four-lane road. At the tie-in point, the Route 41 overpass, the road elevation is at 627.00 feet, nearly 30 feet higher than the BFE (see the Tie-back levee plan and profile sheet 3). From then on, the road elevation gradually drops. However, the road and the surrounding areas, all shown as Zone "C", are consistently higher than BFE (see the annotated FIRM included with this letter as Attachment 7). The transition to Route 41 should be viewed as a tie-in point to Zone "C" high ground areas (end of the "levee system"). Based on the noted discussion, we do not believe any part of the abandoned railroad or Indianapolis Boulevard south of the crossing to be a part of the levee system. Therefore, the noted "certification to the NFIP Section 65.10 criteria" does not appear to be necessary for the abandoned railroad embankment south of Station 94+00.



3. Regarding FEMA's request for "certification that interior drainage control measures were implemented according to the COE's recommendations", enclosed as **Attachment 4** is a certification letter from the U.S. Army Corps of Engineers – Chicago District, as requested. As the certificate indicates, the interior drainage control measures were implemented in accordance with the COE's recommendations.
4. Regarding FEMA's request for "a certified topographic map used to delineate the boundary of residual interior drainage flooding during the 1% annual chance event", enclosed as **Attachment 5** are copies of pertinent pages of the COE's "Feature Design Memorandum 6 – Interior Flood Control – West Reach" document, dated September 1993. As shown in Table A-32, the 1% annual chance residual flood level for Wicker Park Manor sub-area (Sub-area 6S) is 592.1 feet NGVD for a TP40 24-hour storm event. However, it is the COE's opinion that an elevation of 591.5 feet NGVD be used for delineating the boundary of the 1% annual chance residual interior drainage flooding, as shown in Figure A-21 of the noted report.

Although the estimated 1% annual chance rainfall depth according to Bulletin 70 is larger than the TP40 figure, the results are believed to be more realistic as the distribution of the rainfall, estimated based on analyses of numerous gage records, is more spread out over a 24 hour period. CBBEL supports the COE recommendation of adopting elevation 591.5 feet NGVD as the interior drainage residual elevation. A copy of a certified topographic map prepared by the COE, showing the boundary of residual interior drainage flooding during the 1% annual chance event is enclosed as **Attachment 6**. (Note that the elevation 593.9 feet NGVD noted in the April 30, 1999 letter is for the Wicker Park golf course sub-area, Sub-area 5S, and not for the Wicker Park Manor sub-area, Sub-area 6S.)

5. Regarding FEMA's request for "a copy of FIRM number 185176, Panel 0001 C, annotated to reflect the residual interior drainage boundaries", enclosed as **Attachment 7** is an annotated copy of FIRM Panel 0001 C, showing the residual interior drainage boundaries.
6. Regarding FEMA's request for "an operation and maintenance plan for the temporary tie-back levee and the railroad embankments, as well as evidence of the implementation of the regular maintenance plan for the COE levee", enclosed as **Attachment 8** is a copy of a letter from the Town of Highland Public Works Director, certifying that the temporary tie-back levee, the COE Stage V Phase 2 levee, the interior drainage pumping station, and other related structures are being maintained regularly as part of a Town of Highland regular maintenance schedule. The east (active CONRAIL) embankment is being maintained by the railroad company. As indicated earlier, due to the high volume of usage of the two railroad lines on top of this embankment, this embankment appears to have been and will continue to be well maintained.

A detailed Operation & Maintenance Manual was prepared by the COE in December 1997, elaborating the details of operation and maintenance activities, including the operation and maintenance of flapgates, pumping stations, flood warning systems, and other operational components of the COE levees. A copy of the noted document is included as **Attachment 9**. In addition to the noted document, the COE has prepared a draft document specifically addressing the Highland Levees. A copy of this latter document, "Appendix B – Supporting Materials for Highland Levees", is presented as **Attachment 10** in its draft form. Once this draft document is finalized, the maintenance activities will be scheduled and reformatted to follow the noted plan in accordance with a Local Cooperation Agreement between the COE and the Little Calumet River Basin Development Commission (LCRDBC).

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. The text suggests that organizations should implement robust systems to track every detail, from small expenses to major investments.

2. The second section addresses the challenges of data management in a rapidly changing environment. It notes that as the volume of data increases, the complexity of managing it also grows. The author argues that organizations must invest in advanced technologies and skilled personnel to effectively handle this information. This includes not only storage but also the ability to analyze and interpret the data for strategic decision-making.

3. The third part of the document focuses on the role of leadership in fostering a culture of innovation and risk-taking. It states that leaders must encourage their teams to think creatively and explore new possibilities, even if it means taking calculated risks. The text provides examples of successful companies that have thrived by embracing change and innovation, highlighting the importance of a supportive and flexible organizational structure.

4. The final section discusses the importance of continuous learning and development for all employees. It suggests that organizations should provide regular training and opportunities for professional growth. This not only helps in keeping the workforce up-to-date with the latest industry trends but also in improving overall productivity and morale. The author concludes by emphasizing that a commitment to learning is a key factor in long-term success.

Based on the above responses and the attached support documentation, we believe that the applicant has met the "Burden of Proof" requirements associated with the 44 CFR Parts 59-78 regulations. We believe that FEMA should grant its final approval of the IDNR/Town of Highland request for a LOMR, removing the area protected by the levee system from the 1% annual chance regulatory floodplain designation.

Thank you for your immediate attention to this matter. We believe that this letter and the submitted data should satisfy FEMA's concerns as stipulated in their April 30, 1999 letter. Many people and agencies, including FEMA, have worked hard and spent great efforts during the past nine years to help the area's residents regain their livelihood after the 1990 flood. We believe that the time has come to bring this chapter of the Wicker Park Manor Flood Protection Project to a close. Thank you again for your assistance and if there are any questions concerning this letter or its attachments, please contact me at (317) 266-8000.

Sincerely,



Siavash E. Beik, P.E.  
Senior Water Resources Engineer

Copy: Mr. Matt Miller, P.E., FEMA Headquarters  
Mr. Ken Hinterlong, FEMA Region 5  
Mr. Cleighton Smith, P.E., Dewberry and Davis  
Mr. Charles Podgorny, Town of Highland Council  
Mr. Ken Mika, Town of Highland Building Commission  
Mr. John Bach, Town of Highland Public Works  
Mr. Dan Gardner, Little Calumet River Basin Development Commission  
Mr. Mark Lopez, Congressman Viscloskey's Office  
Mr. Imad Samara, U.S. Army Corps of Engineers  
Mr. Jim Hebenstreit, P.E., IDNR – Division of Water

seb  
Attachments 1-10  
LFEMA899.DOC

To: Little Calumet River Basin  
Development Commission  
6100 Southport Rd.  
Portage, IN 46368  
Attn: Mr. James E. Pokrajac

Date: 8/31/99  
Project No: \_\_\_\_\_  
Re: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ Enclosed ☐ Under Separate Cover Via \_\_\_\_\_

No. of Copies	Description
2	Plans and Specifications - LCR - Stage V, Phase 3

Sent to you for the following reason:

☐ For Approval ☐ Review Completed ☐ Revise and Resubmit  
☒ For Your Use ☐ Not Reviewed ☐ Returned  
☐ For Review and Comment \_\_\_\_\_

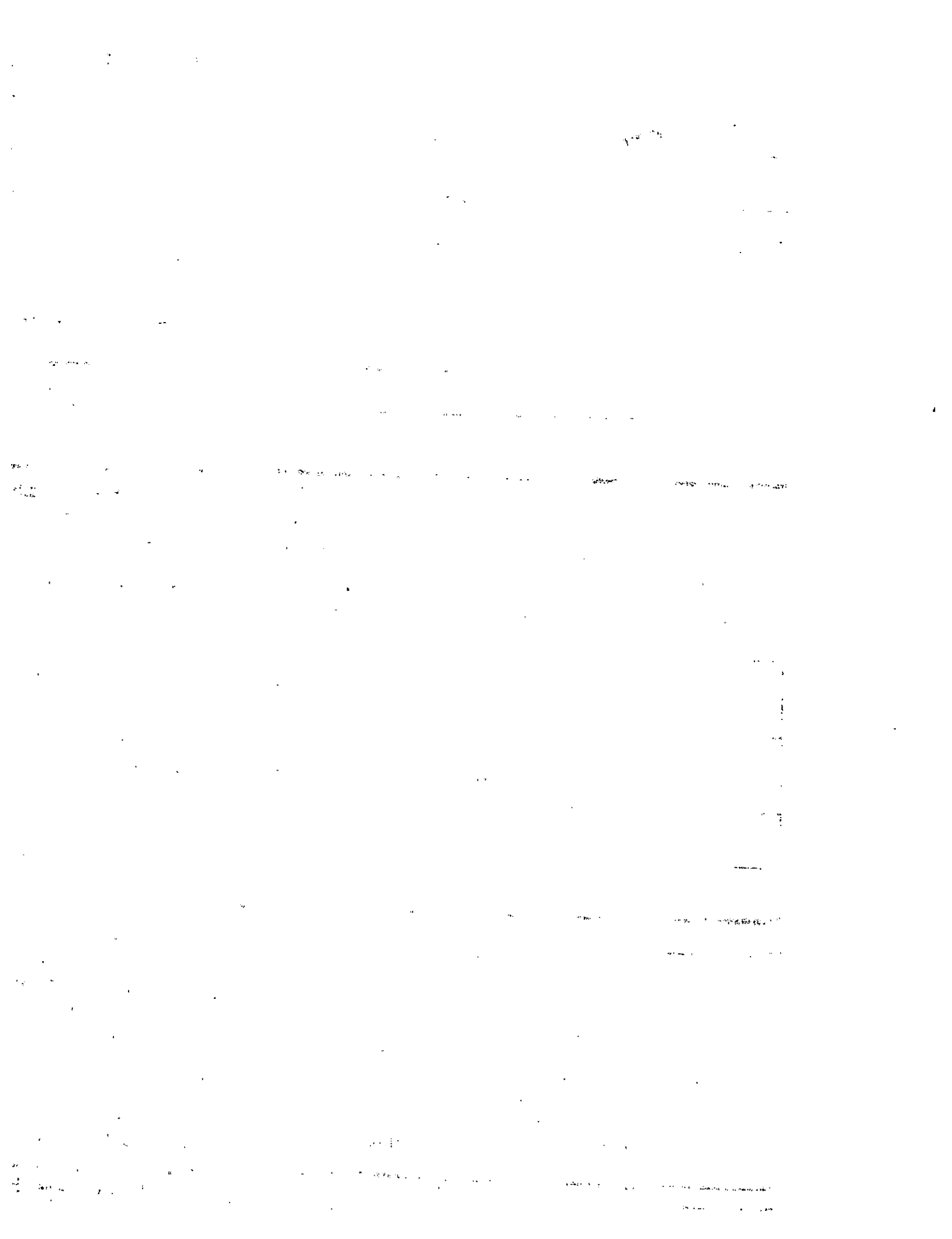
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Copy To:

Signed:

Jon S. Olach







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

REPLY TO  
ATTENTION OF:

September 10, 1999

Programs and Project Management Division  
Project Management Branch

Mr. Dan Gardner, Executive Director  
Little Calumet River Basin  
Development Commission  
6100 Southport Rd.  
Portage, Indiana 46368

Subject: Gary Sanitary District  
Local Flood Protection, East Reach Remediation  
Marshalltown Levee, Contract Document Review  
Greeley and Hansen letter dated June 24, 1999

Dear Mr. Gardner;

Based on the technical review and recommendations, enclosure 1, the Chicago District will recommend to implement a minimum facility of 1000 gpm. This will be implemented in the same manner that the project adopted for the Broadway Street and the Grant Street minimum facility pumping plant.

Responses to Gary Sanitary District review comments of Table 7 are provided in enclosure 2.

If you have any additional questions please contact Jan Plachta at (312) 353-6400, extension 1801, or the undersigned at extension.1809.

Sincerely,

A handwritten signature in black ink, appearing to read "Imad Samara", is written over the typed name.

Imad Samara  
Project Manager

Encl  
CF. Jim Flora  
Paul Vogel

15

**Technical review and recommendations of Greeley and Hansen**  
**Memorandum dated June 24, 1999.**

We have reviewed your Memorandum on the subject project and list below responses to your concerns.

We have rerun the period of record (P.O.R.) for the period October 1949 to September 1988 and one percent chance exceedance synthetic event for the Marshalltown interior drainage model. This modeling includes the following assumptions:

- a. Greeley and Hansen developed elevation storage curves.
- b. Precipitation record from Little Calumet Project interior drainage analyses
- c. Runoff basin area of 0.16 square miles (102.4 acres), 18% imperviousness, initial loss rate of 1.50 inches and a uniform loss rate of 0.1 inch per hour with an initial loss recovery rate of 0.15 inches/hour (P.O.R. only), SCS lag of 1.04 hours.
- d. River (exterior) stage data developed from Burns Ditch gage data, with missing data filled in with HEC-1 routed data based on Hart Ditch gage data.
- e. Final thru levee seepage rates from the East Reach Remediation Design Analysis
- f. Final outlet culvert configuration from the final project plan drawings.

For this scenario the one and ten percent chance exceedance maximum stages for the POR run were 590.1 and 589.7 (ft. NVGD) respectively. The one per cent synthetic event maximum stage for the same scenario was 591.5. These values do not exceed the 592.0 elevation where ponding on private property would occur as stated in your conclusions. The Design Analysis reported a one percent synthetic event maximum stage as 593.1. The higher stage is due to a preliminary seepage rate that was approximately 15 times as great as the final seepage rate and a storage curve that did not include the storage in a ditch that was added to the final plan set.

An unrealistic worst case scenario was also run for the POR. This condition included conditions "a" thru "f" above with the following exceptions:

- a. no runoff losses were computed (100% runoff)
- b. the preliminary seepage rate was used (15 X final rate)
- c. one foot was added to the river stages

This exaggerated scenario produced one and ten percent maximum stages of 593.6 and 592.1 respectively. The 0.2 percent chance exceedance duration frequency elevation was 591.2. The one hundred year stage still does not exceed the critical elevation for Gary Sanitary District's Marshalltown Pumping Station of 593.8 or the lowest first floor elevation of 594.0 from the Corps' economic analysis, which also reported no basements or crawlspaces.

The residual ponding in the lateral ditching can therefore be described as nuisance ponding. Some form of remedial minor pumping could be recommended under the minimum facility concept. This pumping could be in the form of portable pumping or a permanent station. Due to the level of residual ponding described above, a minimum facility of 1,000 gpm would be the maximum size recommended for this area.

The Burns Ditch at Gary data ends October 1992. Stage data is available for the Little Calumet River at Gary Gage from 1985 to present. The location of this gage is 100 feet upstream of the Penn Central RR. The November 1990 event (water year '91) was the highest stage recorded at that gage, with no higher peaks since then. The 1990 event was included in the calibration of the East Reach River Model. Annual water year peak stages (ft NGVD) for the gage (datum=580.0 ft NGVD) are as follows:

Water Year	Gage Height	Date
1986	11.59	Nov 21, 1985
1987	9.83	June 3, 1987
1988	9.60	April 9, 1988
1989	13.21	June 3, 1989
1990	11.51	Aug 21, 1990
1991	13.31	Nov 30, 1990
1992	9.60	Dec 4, 1991
1993	11.36	June 11, 1993
1994	10.00	Oct 19, 1993
1995	10.43	Feb 1, 1995
1996	11.43	July 21, 1996
1997	12.45	Feb 24, 1997
1998	11.16	Mar 21 and 22, 1998
1999	10.87	to July, 1999

Attachment 1 is a Weibull plot of the above data compared to our simulated data. The simulated value compare well with the observed data. Also, it should be noted that the USGS collects a partial data at an auxiliary gage located just east of the Penn Central railroad. A request directly to the USGS would be required to retrieve those records.



REPLY TO  
ATTENTION OF:

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

September 20, 1999

Programs and Project Management Division  
Project Management Branch

Mr. James J. Flora, Jr., PhD  
Vice President, R.W. Armstrong  
8300 Broadway  
Merrillville, IN 46410

Dear Mr. Flora:

Per our phone conversation we propose that an agreement be worked out with the Hammond Sanitary District so that they would provide the standby pumping. This appears to be a lot more cost effective solution than having the Contractor to provide it. We would like to arrange a meeting to discuss the subject as soon as possible, preferably before the end of the review period scheduled for 12 October 1999. Enclosed find please a tabular schedule of activities. Please review the attachment and let us know of any comments that you may have.

If you have any additional questions please contact Mr. Jan Plachta at (312) 353-6400, extension 1801.

Sincerely,

Imad Samara  
Project Manager

Encl

CF: Jim Polerajac  
Rich Sutton

Draft

Activities	Calendar Days	Initiate Date	Completion Date
100% P&S Printing (LRP)	5	17 September 1999	22 September 1999
Mail 100% Review (LRP)	3	24 September 1999	27 September 1999
Review Period (Local & LRC)	14	27 September 1999	12 October 1999
Annotate Responses to Comments (LRP)	3	13 October 1999	15 October 1999
Review Meeting and Resolve Comments. Plans-in-Hands Site Inspection (LRP, LRC & Locals)	3	18 October 1999	20 October 1999
Finalize Responses (LRP)	2	21 October 1999	22 October 1999
Prepare PR&C (LRC) and CBD (LRI.)	2	25 October 1999	27 October 1999
Prepare Final P&S-1 Package (LRP)	14	21 October 1999	5 November 1999
Advertise (LRL)	30	15 November 1999	15 December 1999
Bid Opening and Award (LRC/LRI.)	14	15 December 1999	3 January 2000

Enclosure



September 23, 1999

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

Re: Pump Station Rehabilitation - Phase I  
Standby Pumping

Dear Mr. Samara:

We have discussed your letter of September 20, 1999 regarding west reach standby pumping with James Pokrajac. We believe that your concept for standby pumping is good and support it. We both believe that a meeting with Hammond Sanitary District is needed to resolve this issue. Please go ahead and arrange for a meeting with the Hammond Sanitary District. We suggest any date after October 4, 1999.


Also before the meeting, we need to have the following additional information:

1. Confirmation that standby pumping costs are project costs.
2. The number of standby pumping units needed. This needs to consider the number of pump stations potentially requiring standby pumping at one time.
3. The capacity of the standby pumping units. If more than one unit is supplied, then we request that they all be the same to facilitate maintenance and spare parts.

In determining items 2 and 3, the Corps should not only consider Pump Station Rehabilitation - Phase I, but the remainder of the pump station work in the west reach.

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

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>	

20

1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order.

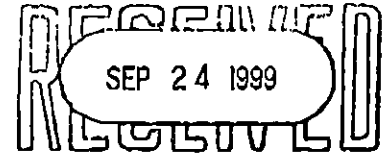
2. The second part of the document is a list of the topics that were discussed at the meeting. The topics are listed in alphabetical order.

3. The third part of the document is a list of the actions that were taken at the meeting. The actions are listed in alphabetical order.



REPLY TO  
ATTENTION OF:

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



September 20, 1999

Programs and Project Management Division  
Project Management Branch

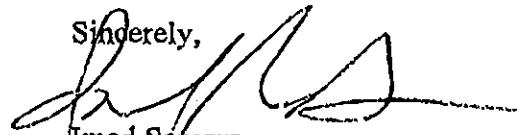
Mr. James J. Flora, Jr., PhD  
Vice President, R.W. Armstrong  
8300 Broadway  
Merrillville, IN 46410

Dear Mr. Flora;

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If you have any additional questions please contact Mr. Jan Plachta at (312) 353-6400, extension 1801.

Sincerely,



Imad Samara  
Project Manager

Encl





*A NISource Company*

801 E. 86th Avenue  
Merrillville, IN 46410

September 3, 1999

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

RE: NIPSCO Indeterminate Permit  
City of Gary

Dear Jim,

Enclosed is a copy of Order #1361, our Indeterminate Permit with The City of Gary, which was executed between the Public Service Commission of Indiana and Gary Heat, Light and Water (with subsequent transfer to Northern Indiana Public Service Company).

Please review the information and let me know if additional information is required. If needed, I can try to obtain from our former Attorneys a copy of their legal opinion on this matter.

The Indeterminate Report is our authorization to install and operate gas and electric facilities in The City of Gary. By surrendering our Franchise Agreement, we were authorized to operate under the permit.

If you have any questions, please give me a call at 219.647.4299.

Sincerely,

*Brian K. Woodberry*  
Brian K. Woodberry  
Utility Highway Affairs

BKW/ns  
Enclosures





**WORK STUDY SESSION / COMMISSIONER'S MEETING  
7 OCTOBER 1999**

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

**ENGINEERING REPORT**  
*Robert Huffman, Chairman*

Land Acquisition and Management Report:

- 1.) There are no increased offers or condemnations
- 2.) A meeting will be held on Monday, 11 October 1999, at 10 AM with Lake Erie Land Company to discuss the funding and construction schedule for the Handicapped-Accessible Park. A scope of work will be developed.
- 3.) FYI (See Indianapolis Star article.)  
This article reflects the possible problems the LCRBDC flood project may encounter in the West Reach area. A Public Information campaign will be needed to inform and educate residents and officials of the affected communities about the project's benefits.

Engineering Report:

- 1.) The DNR construction permit (Certificate of Approval) for the East Reach Remediation Area was received on 3 September 1999. Construction started on 20 September 1999 with the completion date of September 2000.
- 2.) Cole & Associates are working on the Woodmar Country Club and Wicker Park surveys. Appraisals will be assigned when surveys are completed.
- 3.) The Griffith (Kortenhoven) levee from Cline to the E.J. & E. Railroad is now completed except for the tie-in to the railroad embankment. Tie-in will be completed as part of Burr Street Betterment Levee Phase 1.

The Times  
SAT. October 2, '99

**PORTAGE**  
**City lands dredging funds**  
**to clear Burns Waterway**

It looks as though the federal government is finally going to follow through on a promise to dredge the Burns Waterway.

A total of \$766,000 is earmarked for the project in the Energy and Water Appropriations Bill that cleared the House earlier this week and is expected to receive final approval soon from both the Senate and President Clinton, said Josh Geise, press secretary to U.S. Rep. Pete Visclosky, D-Ind.

"We're very close," he said.

Word of the funding came as good news this week to city officials, who have been able to do little as the shallow waters cause an increasing number of problems for municipal and private marinas along the ditch.

## 1. Project Status

### Michigan City Harbor Dredging

Hydraulically dredge about 80,000 CY of sediment from the outer harbor and entrance channel, and place on the beach in front of Mt. Baldy. Dredge to -14 LWD at outer harbor and to -12 LWD at channel. Dredged material is expected to be fine sand littoral drift from the bathing beach on east side of harbor entrance.

### Burns Small Boat Harbor Dredging

This harbor, constructed in 1987, has not been dredged since then. Hydraulically dredge about 170,000 CY of sediment from the approach channel, harbor and waterway, and place on the beach in front of Ogden Dunes. Dredge to -11 LWD at the approach channel, to -10 LWD at the harbor and to -6 LWD at the waterway. Dredged material is expected to be fine sand littoral drift in the approach channel and west harbor area. Fine silty sand is expected in parts of the east harbor and waterway.

### Possible Sources of Contamination

- a. Stormwater Runoff
- b. Watercraft Discharge

### Sediment Test Results - Dredging Schedule Based on Two Possible Outcomes:

- a. Beach Nourishment
- b. Open Water Disposal

If Corps and USEPA Approach Shows Adverse Biological Impacts, or 401 is Not Granted, Then the Worst Case Scenario Would be Having to:

- c. Confine the Sediment

In Which Case a Confined Disposal Facility, or Funding for a Dewatering Facility and Landfilling Would be Needed Before the Corps Could Dredge. Mechanical dredging would reduce the amount of dewatering required.

## 2. Dredging Schedule - Assumes Beach Nourishment and/or Open Water Disposal

Completed Hydrosurveys	Jun 99
Completed Initial Sediment Sampling	July 99
Discussed Sediment Test Results with IDEM	July 99
Prepared New Sediment Sampling Plan	Aug-Sep 99
Meet with IDEM, IN-DNR, LMMDC to Discuss Status, Schedule, Visit Michigan City Dredging Site and View Placement Site	9 Sep 99
Receive Workplans from Sampling Contractor	30 Sep 99
Meet with IDEM, LMMDC, Sampling and Lab Contractors, Visit Burns Small Boat Harbor Dredging and Placement Sites	6 Oct 99
Complete Sediment Sampling	Oct 99
Complete Laboratory Testing	mid-Nov 99
Meet with IDEM, IN-DNR, LMMDC at DNR Lake Michigan Field Office, Michigan City, IN to Discuss Sediment Test Results	23 Nov 99
Submit Contaminant Determination and 401 Request to IDEM	Dec 99
Obtain 401	Jan 00
Award Dredging Contract	Jan 00
Dredge, Weather-Permitting	18 Feb - 3 Apr 00
IN-DNR Spring Fish Run	3 Apr - 14 Jun 00
Complete Dredging	15 Jun - 15 Jul 00
Possible Request for Dredging Extension	16 Jul - 12 Aug 00

# Michigan City Harbor and Burns Small Boat Harbor Dredging Project Meeting

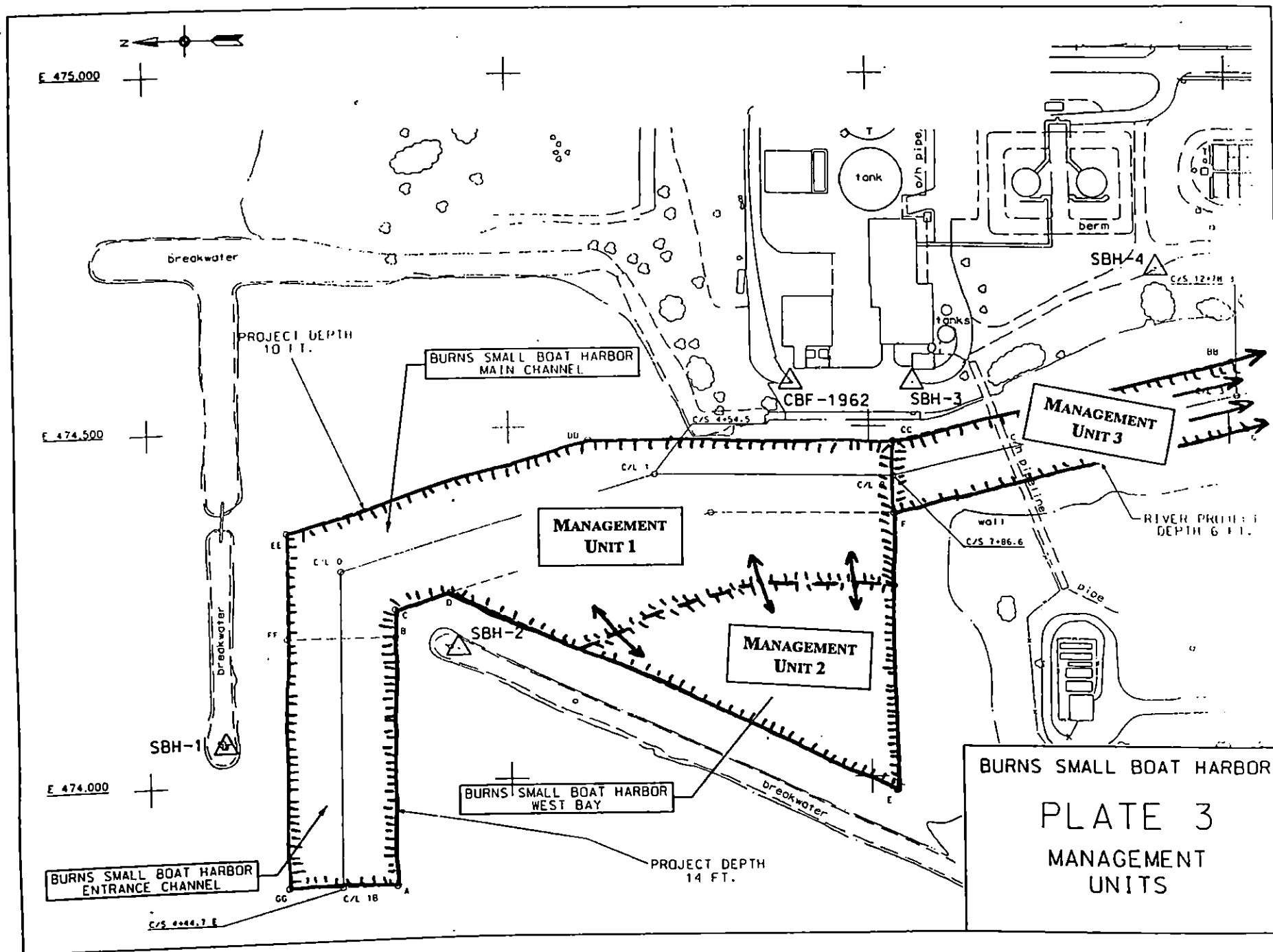
*Wednesday, October 6, 1999 – Portage City Hall, Portage, IN*

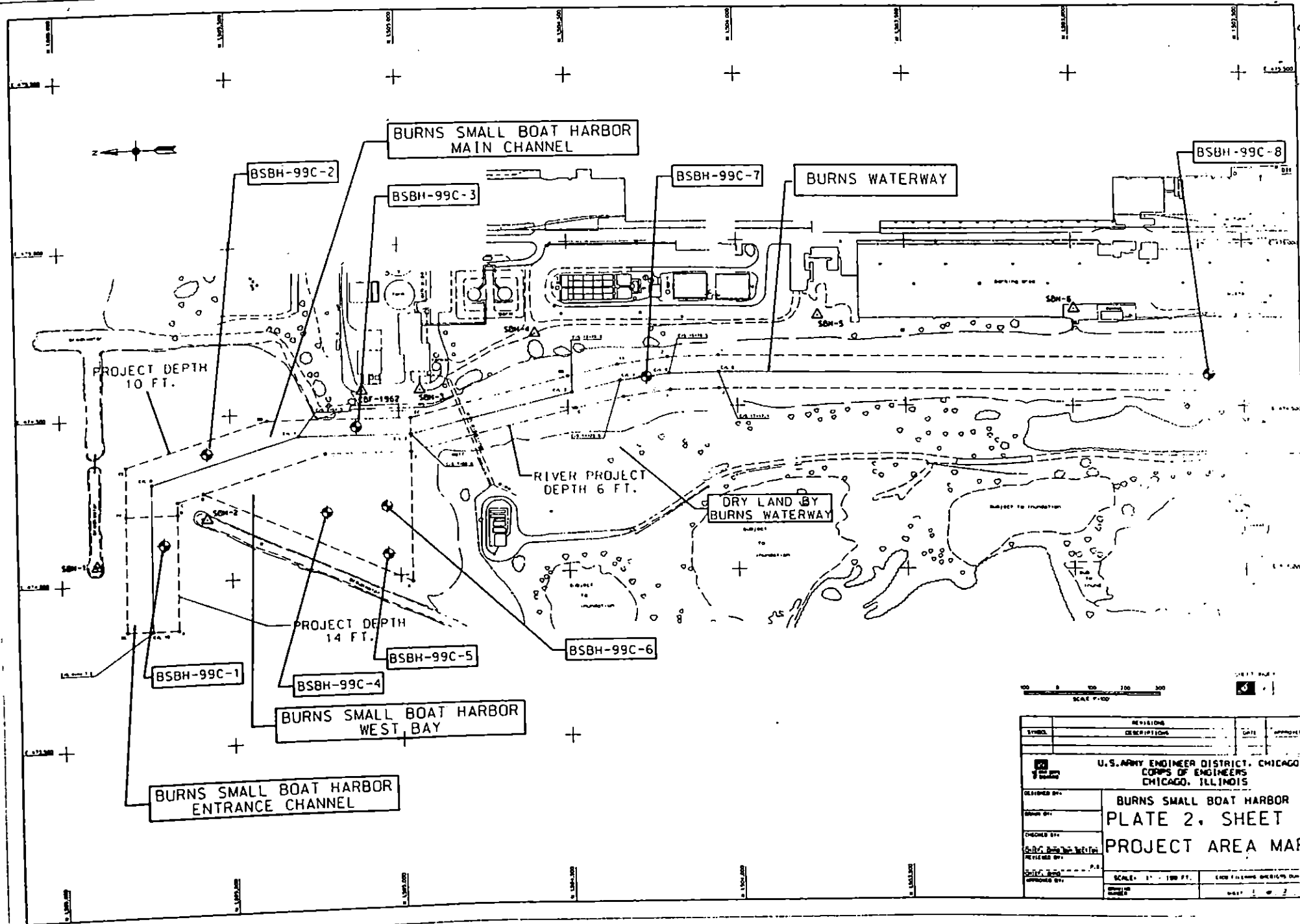
## **ATTENDANCE LIST**

	<u>Org.</u>	<u>Phone</u>	<u>Fax</u>
Richard Childers	IDEM	(317)232-5885	(317)232-3403
Rita Ware	"	(317)232-1375	"
Barbara Waxman	LMMDC	(219)763-6060	(219)762-1653
Dan Gardner	LCRBDC	(219)763-0696	"
John Hannon	PORTAGE	(219)762-3559	(219)933-1906
Avinash Rachmale	Lakeshore Eng.	(313)535-7882	(313)535-7875
Patricia Novak	"	"	"
Elliott Smith	AsCI Corporation, Sampling Division	(248) 299-8282	(248) 299-8209
Al Mozol	AsCI Corporation, Testing Division	(218) 722-4040	(218) 722-2592
Joe Amato	"	"	"
David Johnson	Trace Analytical	<sup>231</sup> <del>(616)</del> 773-5998	<sup>231</sup> <del>(616)</del> 773-6537
Ray Buhl	"	"	"
(alt. Ann Preston)	"	"	"
Barry Wong	Dodson-Stilson, Inc.	(614) 848-4141	(614) 431-4024
Ajit Vaidya	USACE	(312)353-6400,x3112	(312)353-2156
Dev Kapadia	"	"	,x3116 (312)353-2156
Don Wadleigh	"	"	,x4015 (312)353-2141
Monica Krepfl	"	"	,x3016 (312)353-2156









## ***LAND ACQUISITION REPORT***

### ***Thursday, October 7, 1999***

---

#### **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. (Minor pump station testing and final turnover of the Broadway pump station to GSD to be scheduled this fall.
2. Additional land will be required to extend a recreation trail off of the existing levee north of IUN to allow recreation trail users to cross Broadway at the light at 33<sup>rd</sup> Avenue.
  - **Informal value estimate was completed and the COE approved this on September 16<sup>th</sup>, 1999; the agreement with the City of Gary has been submitted for approval with the Board of Public Works.**

#### **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.)**

#### **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.
  - A follow-up letter was sent to the N.S. R.R. on March 26<sup>th</sup>, 1999, requesting a response to our previously submitted letter. (Ongoing)

#### **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) – Cline to Burr:**

1. As per the August 24 Real Estate meeting, the revised schedule for IV-1 (North) would be to advertise on Sept. 30<sup>th</sup>; award the contract on Nov. 15<sup>th</sup>; and have construction start **when the weather permits.**
2. The most recent schedule with the COE for Stage IV Phase 1 (South) would be to advertise on April 20, 2000; award contract on July 24, 2000; and have a construction start by August 21, 2000 with a one year scheduled completion.
3. The survey for the WIND property is complete and the appraisal process has started.
4. The legal description for the Wolverine easement was modified to eliminate the staging area on the Sumar property.
  - The appraisal for the Sumar property has been revised to eliminate the staging area, and the modified offer was sent to Sumar.
  - **The offer was refused and the condemnation process has started.**
5. The new 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.
  - We received a letter from INDOT on August 26<sup>th</sup> dated August 19<sup>th</sup>, indicating that this area will be used for mitigation and that we should pursue another location.
  - **We sent a fax to Ed Tang (INDOT Project Manager for Cline Ave.) on September 13<sup>th</sup>, 1999, enclosing real estate requirements and suggesting we discuss this possibility.**
  - **Tang called back on September 15<sup>th</sup>, 1999 and said INDOT would agree to allow us to use their land for staging, as long as the appropriate legal agreement is in place and the Detroit Corps concurs.**
  - As per a field visit with the COE on August 27<sup>th</sup>, we mutually agreed to enter into a rental agreement for the property east of Gerry Street and north of the Norfolk Southern RR as the staging area for IV-1 North.
6. The Wolverine agreement has been sent to Fred Hipshear on September 10<sup>th</sup>, 1999, and will be subordinated with existing property owners for signatures.
7. **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 new garage will be bid, and installed prior to construction.**

**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

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

1. We received “final” real estate drawings from the COE on July 13<sup>th</sup>, requesting us to proceed with acquisition.
  - We received final engineering plans and specifications from the COE on August 31<sup>st</sup>, 1999 and the property identification, and the appraisal process, may begin after the survey work is completed for lands necessary.

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

1. We received “final” real estate drawings from the COE on July 13<sup>th</sup>, requesting us to proceed with the acquisition; however, we have not received final engineering drawings from the COE to present to Woodmar for their review and comment.
2. We received final engineering plans and specs from the COE on August 31<sup>st</sup>, 1999, which will allow the appraisal process to begin once the survey work has been completed.

5

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

1. At our October 15<sup>th</sup> Real Estate meeting, the COE indicated Stage VI will be 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 survey work has now been completed to field determine project coordinate points and was sent to the COE on August 23<sup>rd</sup>. Final real estate drawings can be modified as necessary to incorporate engineering requirements as needed.

**Burr St. (Betterment) levee – Arbogast to Burr:**

1. The current schedule as per our August 24, 1999 Real Estate meeting for Burr St. – Stage 1, indicates we would advertise by December 1999 and award contract by March 2000.
2. The current schedule for Burr S. Stage 2 (East of Colfax and all remaining work eastward) indicates advertising on April 15, 2000; contract award July 15, 2000; and construction start on August 15, 2000 – with approx. one year to complete.
  - The intent (if possible) would be to combine Phase 1 and Phase 2 into one contract to save money.
3. **Betterment Levee (Phase 1)**
  - A. The agreement allowing Kortenhoven to construct his levee on our 30' strip of land was signed and approved the 3<sup>rd</sup> week of September.
  - B. We submitted a request to the Town of Griffith on September 8<sup>th</sup>, 1999, allowing us a temporary work area easement on River Dr.
4. **Betterment Levee (Phase 2)**
  - A. The survey work, and legal descriptions for the easements near 37<sup>th</sup> Avenue were submitted on August 27<sup>th</sup> and the appraisal process may begin.
  - B. On August 31<sup>st</sup>, 1999, we received all the remaining legals for the Eastern leg (N. of the N.S.R.R. South to 37<sup>th</sup> Ave).

6



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

1. The schedule with the COE (as of August 24th, 1999) indicates the bid opening was held on May 25<sup>th</sup>; the award for contract is completed; and construction start is projected for **late September 1999**, with an anticipated one year completion.
  - The bid came in at \$1,731,645.40 from Dyer Construction, which was the only submittal.
2. **A pre-construction meeting was held with the COE & Dyer Construction on September 9<sup>th</sup>, 1999, and April 30<sup>th</sup>, 1999 was established as the deadline to exercise the roadway option.**

**GENERAL:**

1. Crediting
  - A. We received a letter from Congressman Peter Visclosky on April 1<sup>st</sup>, 1999 stating that he will see inclusion of language in the fiscal year 2000 energy and water appropriations bill to allow credit on flowage easements in the East Reach Remediation Area.
    - Dan and Lou will pursue an addition to the LCRBDC legislation that will approve credit for INDOT projects caused by the LCRBDC such as the Grant St. interchange, Indianapolis Blvd. raising of the bridge, and the Georgia Street culverts. (ongoing)

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION  
6100 Southport Road, Portage, Indiana 46368  
Phone 219/763-0696 Fax 219/762-1653

FACSIMILE TRANSMISSION

To: ED TANG Date: Sept. 13, 1999  
Company: INDOT From: Jim POKRAJAC  
Fax # 317-233-4929 Subject: REQUEST FOR EASEMENTS -  
CLINE AVE. INDOT PROJECT.

Total number of pages including  
this cover sheet: (10)

Comments: ED,

I ENCLOSED COPIES OF THE LETTER FROM BILL PROUD DATED  
AUG. 19, A COPY OF THE PLAT & LEGAL DESCRIPTIONS OF THE LAND WE  
WILL NEED (BOTH PERMANENT & TEMPORARY) FOR THE CONSTRUCTION OF  
OUR FLOOD CONTROL PROJECT FOR THE LITTLE CALUMET RIVER, AND  
SHEET 109 OF YOUR PLANS FOR THE CLINE AVE. PROJECT (PLANTING PLAN)  
YOU MIGHT ALSO REFER TO SHEET 111 OF THE SAME SET FOR THE GRADING PLAN.  
WE WOULD LIKE TO ENTER INTO AN EASEMENT AGREEMENT FOR THESE PROPERTIES.  
WE REALIZE ENHANCEMENTS IN THIS AREA HAVE BEEN COMPLETED, BUT WE  
WOULD AGREE TO RESTORE THIS AREA (AT OUR COST) TO ORIGINAL CONDITIONS.  
PLEASE REVIEW THIS INFORMATION, AND REQUEST, AND GET BACK TO  
US AT YOUR EARLIEST CONVENIENCE IN ORDER THAT WE MAY PROCEED  
IN A TIMELY MANNER.

THANKS,  
JIM POKRAJAC

Figure 1. The effect of the concentration of the  $\text{H}_2\text{O}_2$  solution on the amount of the released  $\text{H}_2\text{O}$  from the  $\text{H}_2\text{O}_2$ -loaded hydrogel. The amount of the released  $\text{H}_2\text{O}$  was measured by the weight difference of the hydrogel before and after the release. The concentration of the  $\text{H}_2\text{O}_2$  solution was 0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1.0 wt. %.

**LUCAS, HOLCOMB & MEDREA**

ATTORNEYS AT LAW

JAMES A. HOLCOMB  
JOHN O. STILES  
DANIEL A. MEDREA\*  
ROBERT F. PETERS  
STEPHEN R. PLACE  
NICK KATICH  
LOUIS M. CASALE  
MARY LINDA CASEY  
MARK S. LUCAS  
JOSEPH M. SKOZEN  
DAVID E. WOODWARD  
DAVID A. BULS  
DAVID M. BLASKOVICH\*\*  
STEPHANIE SHAPPELL CASEY

\*DENOTES ALSO MEMBER OF THE BARS OF ILLINOIS AND FLORIDA  
\*\*MEMBER OF ILLINOIS BAR

EASTON COURT  
300 EAST 90TH DRIVE  
MERRILLVILLE, INDIANA 46410

TELEPHONE (219) 766-3561  
24-HR FAX (219) 756-7400

OF COUNSEL  
ROBERT J. ADDISON

ROBERT A. LUCAS  
1922-1999  
JOSEPH L. SKOZEN  
1918-1997

September 10, 1999

Mr. Fred Hipshear  
Wolverine Pipeline Company  
8105 Valleywood Lane  
Portage, Michigan 49024-5251

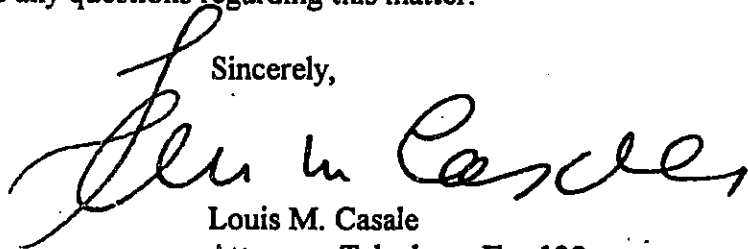
RE: Subordination Agreement

Dear Fred:

Enclosed please find the Wolverine Pipeline Subordination Agreement which was the subject of our telephone conference of this date. Kindly cause it to be signed, notarized and return all copies to me as soon as possible. I will forward a completely signed copy to you immediately after receipt from the Commission.

Please contact me if you have any questions regarding this matter.

Sincerely,



Louis M. Casale  
Attorney, Telephone Ext. 132

LMC/amo

Enclosures

cc: Jim Pokrajac, LCRBDC



# Cole Associates Inc.

A DLZ Company

ENGINEERS • ARCHITECTS • PLANNERS • SURVEYORS

September 15, 1999

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

RE: Taborski Garage Location  
Cole Account 9964-0037-70

Dear Mr. Pokrajac:

We have completed our review of the location of the Taborski garage. We used GPS satellite surveying to tie the garage to the same Corps coordinate system used for all the Betterment Levee work on Stage 4, Phase 1. Our results agree with the land based survey we performed in 1994. We have determined that the garage and easements limits are all properly located in our graphical database relative to each other and relative to the railroad right-of-way.

The garage was located incorrectly on the individual 8½" x 11" plat. This discrepancy was due to the incorrect placement of the garage (and other physical features) relative to the property lines of the Taborski parcel. The permanent and temporary easements for this parcel and all parcels along the railroad have been written properly per information provided to us from the Corps real estate drawings dated 1/28/94. These easements allow adequate width to accommodate the Corps work.

As you recall, this work was done early in the our involvement in the project, when we were still learning what data on the Corps drawings had been locked into the coordinate system, and what data had been simply brought in from the aerial mapping. This led to some early uncertainty of the true coordinate location of the Taborski property lines relative to other features in the Corps coordinate system, such as the easement points and the surveyed garage.

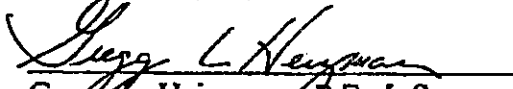


September 15, 1999  
Mr. James E. Pokrajac  
Taborski Garage Location  
Cole Account 9964-0037-70  
Page 2

Since that time, we have learned to use the pertinent data from the real estate drawings, and to use new field survey data when required. This learning process was used to develop the new procedure that is currently in use. This new procedure allows us to consistently lock into the Corps coordinate system.

Sincerely,

**COLE ASSOCIATES INC.**  
*A DLZ Company*

  
Gregg L. Heinzman P.E. L.S.  
Engineering Manager

GLH/bf

F:\PROJECTS\CRBDC\STAGE\_4\TABORSKI\TABORSKI.GLI

To: Little Calumet River Basin

Date: 8/31/99

Development Commission

Project No:

6100 Southport Rd.

Re:

Portage, IN 46368

Attn: Mr. James E. Pokrajac

☒ Enclosed ☐ Under Separate Cover Via

No. of Copies	Description
2	Plans and Specifications - LCR - Stage V, Phase 3

Sent to you for the following reason:

☐ For Approval

☐ Review Completed

☐ Revise and Resubmit

☒ For Your Use

☐ Not Reviewed

☐ Returned

☐ For Review and Comment

☐

Remarks:

Copy To:

Signed: Jan S. Plachta

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. The text suggests that organizations should implement robust systems to track every aspect of their operations, from procurement to sales.

2. The second section addresses the challenges associated with data management in a rapidly changing environment. It highlights the need for flexible and scalable solutions that can adapt to new technologies and evolving business requirements. The author argues that investing in modern data infrastructure is crucial for staying competitive and making informed decisions based on real-time information.

3. The third part of the document explores the role of leadership in driving organizational success. It stresses that effective leaders must possess strong communication skills, strategic vision, and the ability to inspire and motivate their teams. The text provides several examples of successful leaders who have transformed their organizations through innovative thinking and decisive action.

4. The fourth section focuses on the importance of continuous learning and development for individuals and the organization as a whole. It encourages a culture where employees are encouraged to seek out new knowledge, skills, and experiences. The author notes that ongoing education and training are vital for keeping the workforce up-to-date with the latest industry trends and technologies.

5. The final part of the document discusses the impact of external factors on organizational performance. It examines how economic conditions, regulatory changes, and technological advancements can influence a company's ability to succeed. The text concludes by emphasizing the need for organizations to remain agile and responsive to these external influences, ensuring they can navigate any challenges that may arise.



## GREAT LAKES ENGINEERING, L.L.C.



4527 Columbia Avenue  
Hammond, IN 46327  
219.933.1954  
FAX: 219.933.1906

Mr. James Pokratic

## LETTER OF TRANSMITTAL

Date	Project No.
RE:	

WE ARE SENDING YOU:

☐

Enclosed

☒

Fax

(Page 1 of 1)

762-1653

THE FOLLOWING:

☐

Plans

☐

Specifications

☐

Copy of letter

☐

COPIES	DATE	DESCRIPTION
		KEY SHEET
		P-25, T-41
		P-24, T-39, 40
		P-26, T-42, 43, 44
		P-23, T-38
		P-27, T-46, 47
		T-45

THESE ARE TRANSMITTED:

☐

For approval

☐

As requested

☐

For your use

☐

For review and comment

REMARKS:

SIGNED:

6

# *LAND MANAGEMENT REPORT*

## *Thursday, October 7, 1999*

---

### 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. Farmer Gary Dunlap currently has a lease to farm the acreage.
  - Approx. 5 acres of the 35 acres adjacent to the north bank of Burns Ditch is heavily wooded and is approx. 8-10 feet higher than the north 30 acres. This will be the location for the park. (See Recreation report).

#### 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.
  - Engineering review for drainage remediation plan from COE is ongoing (See Stage III of Engineering Report)
2. Potential exists for drainage improvements to this area with a joint venture between LEL, City of Gary, GSD, COE and LCRBDC.
  - A meeting will be scheduled with all the above parties once the agreement with LEL is completed.
3. **A letter was written to the Bult brothers indicating that this will be the last season we will be able to lease farmland in this area.**

### 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)

#### 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.
  - A letter was sent to the COE on September 14<sup>th</sup>, 1999, requesting a status report on each of the (4) stations which could then be used as part of the turnover process to GSD. (Enclosed was the original letter to the COE on March 24<sup>th</sup>, 1999 listing all of the items necessary for turnover.
  - A coordination meeting was held with the LCRBDC and Greely & Hansen on September 17<sup>th</sup>, 1999, to primarily review the turnover of the (4) East Reach Pump Stations to the Gary Sanitary District.
3. A letter was sent to the COE on June 9<sup>th</sup> regarding GSD concerns for combined sewer overflow impact. GSD requested documentation that IDEM and the U.S. EPA agreed with this mode of operation. (Waiting for response)
  - The COE submitted a response on 9/10/99 (received on 9/17/99) referring the comments from GSD in Sept. of 1992 that were incorporated into the feature design memorandum.
4. We sent copies of all the signed agreements from the GSD, including meter installation dates, to NIPSCO on September 10<sup>th</sup>, 1999 to help them with meter assignments and payment of bills.

C. WLTH Radio Tower (north of I-80/94, east of Martin Luther King Drive)

1. The WLTH owners are concerned about increased flooding more than was anticipated. They have additional engineering studies and will be working with us as acquisition proceeds.

D. 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)
  - The COE submitted a letter to the Shirley Heinz group on September 7<sup>th</sup>, 1999, updating them on their concern for a specific 13-acre parcel in the Hobart Marsh area.
  - A meeting was held on September 17<sup>th</sup>, 1999, to review the RFP for the Hobart Marsh area with COE, LCRBDC, Lake County Parks, Lake Erie Land, and Shirley Heinz.

E. 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)

F. 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).

- A meeting will be held with the COE to determine the best way to improve the condition of the installed native grasses and to kill an abundant weed growth. (Greg Moore to coordinate – Ongoing.)

G. Gary Parks & Recreation – Driving Range

1. A meeting was held with the Gary Parks & Rec Dept. on May 18<sup>th</sup> 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.
2. **A current cost availability breakdown sheet will be submitted to the Gary Parks and Recreation Department.**

H. Lake Erie Land Company – Wetland banking

1. The figures for developable acreage were re-calculated by **Cole Associates** and reviewed by the LCRBDC and the new total of all lands increased from 844 to 908 acres. This includes 613 acres of scrub area and 295 tillable acres.
2. **The LCRBDC wrote a letter to the current farmers (Bult, Dunlap, and Nimetz) indicating this will be the last farming season the LCRBDC will enter into a lease agreement with the current lands being farmed.**

**I. A letter was sent to the DNR (Division of Law Enforcement) on September 16<sup>th</sup>, 1999, referencing a meeting on September 14<sup>th</sup> for them to gain access to Commission properties to patrol for hunting, dumping, etc.**





# Little Calumet River Basin Development Commission

6100 Southport Road

Portage, Indiana 46368

(219)763-0696  
Fax (219)762-1653

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

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

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

**JOHN DEMEO**, Secretary  
*Governor's Appointment*

**CHARLES AGNEW**  
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**STEVE DAVIS**  
*Dept. of Natural Resources' Appointment*

**ROBERT HUFFMAN**  
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**MARION WILLIAMS**  
*Lake County Commissioners' Appointment*

**VACANCY**  
*Governor's Appointment*

**DAN GARDNER**  
*Executive Director*

**LOUIS CASALE**  
*Attorney*

September 14, 1999

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

Dear Imad:

I have enclosed a copy of our letter to you dated March 24, 1999 regarding the concerns of the Commission to complete the turnover process of each of the four (4) east reach pump stations to the Gary Sanitary District (GSD). Please be aware that at this point in time only two (2) operational tests have been completed, one at Grant Street and the other at North Burr Street. Spare parts have been partially supplied for these two, and no parts have been provided for either Broadway (Stage II-3B) or Ironwood (Stage II-4).

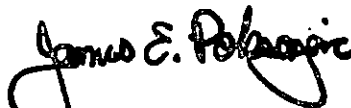
We realize that the COE will inspect these stations with the LCRBDC and the GSD to assure the compliance with the plans and specifications as bid by the contractor. However, guarantees, warranties, as-builts, maintenance instructions, and training should be provided as part of the acceptance by the LCRBDC and eventual turnover to the GSD (refer to Item #4) of the enclosed letter. Also note the seven (7) items of concern in this letter as addressed by the GSD. If items are brought up in the final inspection that are not part of the scope of work, and should be treated as a betterment, could you indicate so in a letter and we will coordinate those concerns accordingly.

With the desire of the COE to start turning over completed levee segments, could you provide a current status report, to date, of all four (4) east reach pump stations relative to the attached letter. When all of the items of concern have been addressed, we can begin our turnover process at that time.

Mr. Imad Samara  
September 14, 1999  
Page 2

If you have any questions regarding this request, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "James E. Pokrajac". The signature is stylized with a large, looping initial "J".

James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm  
encl.

cc: Luci Horton, GSD  
Paul Vogel, Greeley and Hansen  
Don Smales, Greeley and Hansen  
Jan Plachta, COE  
Tom Deja, COE  
Jim Flora, R. W. Armstrong Co.  
Lou Casale, LCRBDC attorney



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ROBERT HUFFMAN  
*Governor's Appointment*

ROBERT TRELO  
*Governor's Appointment*

APION WILLIAMS  
*County Commissioners' Appointment*

MCANCY  
*Governor's Appointment*

IN GARDNER  
*Executive Director*

LUIS CASALE  
*Mayor*

March 24, 1999

Imad Samara  
Army Corps of Engineers  
111 N Canal St  
Chicago IL 60606

Dear Imad,

On November 19, 1998, we had the operational pump test for the Grant Street Stormwater Pumping Station as part of the Stage II-Phase 3C construction. Recently, on March 2<sup>nd</sup>, 1999, we had an operational pump test for the North Burr Street Stormwater Pumping Station. The remaining (2) East Reach pump stations, Ironwood Stormwater Pumping Station and the Broadway Stormwater Pumping Station are yet to be scheduled for operational tests.

The purpose of this letter is to facilitate the coordination and eventual turn over of the East Reach Pump Stations to the Gary Sanitary District. I would suggest that the following items be addressed, and included, as part of this process:

1. The operational pump test for each station serves as the preliminary inspection. From this test, the corps and the Gary Sanitary District each submit a punch list. The COE will have the contractor complete these items to assure their compliance with the plans and specifications as bid.
2. Additional items on the GSD's punch list not included as part of the contract, will be submitted to both the LCRBDC and the COE for consideration. We would request a written response to us, from the COE, on an item per item basis, indicating whether that item will be supplemented onto the COE punch list. If not, the LCRBDC would coordinate with you to see if it would be a betterment, or what would be required to get that work done.
3. After all punch list items are completed satisfactorily, as determined by the final inspection that includes representatives from the Gary Sanitary District and all concerned parties are in agreement, the COE should write a letter to the LCRBDC and copy the GSD indicating that the contractor has completed the work as per plans and specifications to the satisfaction of the COE.

4. At this point, the turnover process begins. The COE should supply the LCRBDC with all of the following items, which in turn we will provide to the GSD:
  - a. Guaranties and warranties (be sure that they will be transferable to the GSD).
  - b. Three (3) sets of "as-built" plans and specifications for that pump station which would include operation and maintenance manuals, shop drawings, and field reports.
  - c. A copy of the sign-in sheet from all inspections.
  - d. A list of materials and a turnover sheet that has been signed by the LCRBDC accepting all of the spare parts and tools necessary to operate the station.
  - e. The manufacturers suggested maintenance and operations schedules to properly maintain the station.
  - f. An instructional meeting between the manufacturer/installer and GSD to familiarize them with the operations of the station and to answer any questions.
5. It is the Commission's desire that after all of the aforementioned items have been completed, it will enter into an agreement with the GSD whereby they will assume all responsibility, and costs, for maintenance, inspections, operations, and utility.

Please note that Gary Sanitary District has other ongoing questions, actions, and issues related to their involvement with this project. We would suggest a meeting in the near future to review and discuss the following items:

1. Security fencing and locks as necessary to minimize vandalism and address concerns of liability.
2. Providing a telemetry system compatible with the GSD's new system that will indicate pump status, alarm conditions, and water levels at their control room.
  - a. On February 23<sup>rd</sup>, 1999, the GSD board approved the installation of equipment by the COE to use them as the base station for Gary. The telemetry system will supplement the information used as part of the emergency response.
3. Assure that trash racks for all four (4) stations would be accessible during flood events. Also that they would be designed to accommodate debris and be able to be lifted by the hoisting equipment provided. (As per GSD concerns with the Grant Street Pump Station.
4. GSD had concerns about the design capacity of the Grant Street Pumping Station. They would like to review capacities.
5. The overall impacts of our project on the sewer system is an ongoing concern. This issue has previously been discussed and technical data has been provided to the COE by the GSD consultants. We would appreciate a meeting in the near future to discuss and hopefully resolve this issue.
6. Comments pertaining to Stage IV-Phase 1 levee system.
7. Comments relating to flood protection project operations and maintenance manual



We request your earliest coordination in getting all the necessary items to us as listed in order that we may turn them over to the GSD. Technically, the pumps should not be considered "in service" and useable until the COE accepts the station as per plans and specs. If you have any questions regarding this implementation, please call.

Sincerely,



James E. Pokrajac, Agent  
Engineering/Land Management

JEP/gdp

cc: Tom Deja  
Luci Horton  
Paul Vogel  
Jim Flora  
Lou Casale  
Jan Plachta



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

REPLY TO  
ATTENTION OF:

September 10, 1999

Programs and Project Management Division  
Project Management Branch

Mr. James J. Flora, Jr. P.E.  
Vice President  
R. W. Armstrong & Associates, Inc.  
8300 Broadway  
Merrillville, Indiana 46410-6251

Re: Gary Sanitary District  
32<sup>nd</sup> & Broadway Outfall

Dear Mr. Flora:

In your letter dated June 9, 1999, you raised a number of issues regarding Gary Sanitary District, specifically related to the referenced outfall at 32<sup>nd</sup> and Broadway. As noted in your letter, the outfall at 32<sup>nd</sup> & Broadway (Alley 1 East) and the large storm sewer along Broadway carry combined sanitary and stormwater flow (wet weather flow). The Corps met with Gary Sanitary District during the development of the feature design memorandum, and during the development of detailed plans and specifications regarding the functioning of the existing sewer system, specifically related to outfalls that would pass through a levee or floodwall. At a meeting in September 1992, the Sanitary District indicated that pumps should be added to the gatewells to minimize upstream impacts when river levels excluded gravity discharge to the river. The Sanitary District maintained that the increased stages associated with the construction of the levees necessitated the addition of pumping capacity to the outfalls.

The Chicago District concurred with the Sanitary District's request and installed minimum facility pumping in two locations: Alley 1 East and Grant Street. The inclusion of the minimum facility pumps was intended to provide a way to minimize the potential for a sewer backup or interior flooding in areas where it was not possible to provide additional gravity ponding. The Little Calumet River project can raise peak water levels in the river by several inches. However, because of improvements in various bridges and other channel modifications the project can also result in water levels in the Little Calumet River which are lower than what they would have been without the project in place.

Under project conditions, the outlet at 32<sup>nd</sup> and Broadway remains primarily a gravity system. The project outlet was fitted with an automatic flap gate. This reduces the potential for river backup into the combined sewer line when the line is not passing flow. The gate will automatically open when the interior elevation of water exceeds the exterior level. This will allow flow to pass into the Little Calumet River much as it did prior to the construction of the project.

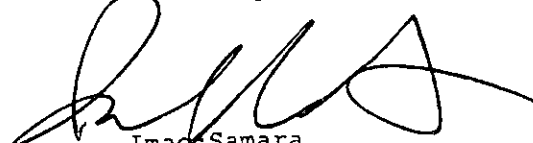
The addition of the flap gate is a betterment over pre-project conditions as it reduces the potential of unnecessary commingling of the wet weather sanitary flows with those of the cleaner Little Calumet River. In addition, manual closure gates are provided as an emergency back up to the flap gates. These gates will only be used in the event of a flap gate failure.

As noted earlier, the Chicago District coordinated the gatewell and pump facility design with the Gary Sanitary District. You indicated in your letter that the Gary Sanitary District is the permit holder for each of the combined sewer overflows in their system. The procurement and/or modification of permits necessary for the construction and/or operation of the project is a local responsibility. Gary Sanitary District, as the permit holder, is responsible for coordinating any necessary modifications to their permits because of the modifications made to their outfalls as a result of the coordinated design and construction of the levee segments. It should be noted that in our opinion, since the existing outlets were ungated, that it is likely that any pumped discharge under project conditions would have had direct access to the river under pre-project conditions. Changes in the overflow volume between pre and post project conditions would depend on the upstream connections between the sewer lines that outfall at the river, the pump control settings, and the sewer line taking wet weather flow to the sewage treatment plant. The new Gary Sanitary District SWMM models could be used to address issues regarding the volumetric release to the Little Calumet River under pre and post project conditions.

In addition, since the ponding work being proposed by Gary Sanitary District under the facility plan for meeting USEPA requirements will have a greater impact on outflows at this location, it is suggested that any permit requests be coordinated with those activities as well.

Please address any additional comments to Mr. Jan Plachta at (312) 353-6400 extension 1801, or the undersigned at extension 1809.

Sincerely,



Imad Samara  
Project Manager

CF: Dan Gardner ✓



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DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

September 10, 1999.

Mr. Herb Woldt  
Project Engineer  
NIPSCO Industries, Inc.  
5265 Hohman Avenue  
Hammond, Indiana 46320-1775

Dear Herb:

Enclosed for your information is a copy of the letter to Jim Meyer, attorney for the Gary Sanitary District, and signed copies of all the east reach pump stations agreements by the Gary Sanitary district. Also enclosed are the copies of the meter installation dates which would begin the 30 month payback period.

I hope this information will help in your billing process. If you have any questions or need any additional information, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm

encl.

cc: Tom Deja, w/c  
Lou Casale, w/c

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

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*Journal of Management Education* 30(6)

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Figure 1. Schematic diagram of the experimental setup.

1. 1990年12月25日，在“九七”香港回归前夕，香港各界人士纷纷发表文章，就香港前途问题提出自己的看法。其中，香港各界人士对香港前途的展望，以及对香港回归后的信心，成为当时舆论的焦点。



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

September 7, 1999

Programs and Project  
Management Branch

Mr. Paul Kohlhoff  
Shirley Heinz Environmental Fund  
444 Parker Road  
Michigan City, In 46360

Dear. Mr. Kohlhoff:

I am writing this letter to further assure you that the Chicago District of the U S Army Corps of Engineers recognizes the importance of your organization acquiring the 13 acres parcel in the Hobart Marsh area. This parcel was identified in figure 4: Proposed mitigation area located northwest and west of the city of Hobart, in the August 1998 Conceptual Mitigation Plan. This plan serves as the wetland mitigation required from the Little Calumet River Flood Control and Recreation project to compensate for destroyed wetland. This plan was submitted to Indiana Department of Natural Resources (IDNR) and Indiana Department of Environmental Management (IDEM) for their approval. Per a telephone conversation with representatives of IDNR they assured me and Mr. Dan Gardner, from the Little Calumet River Basin Development Commission, that they are in the process of drafting a letter of approval to this conceptual plan.

As soon as that approval comes the project will start the work on developing a Request For Proposal (RFP) from organizations or contractors to implement the Hobart area part of the plan. The parcel that your organization is acquiring is part of this implementation. Your effort will be compensated at the time this plan is implemented. Your organization will not, however, be obligated to submit a proposal to the RFP. We appreciate the effort and the interest your organization showed toward our effort in preserving the Hobart marsh area.

If you have any questions please feel free to call me at  
312-353-6400 ext. 1809.



Imad N. Samara  
Project Manager

Copy Furnished:  
Dan Gardner, LCRBDC  
Louis M. Casale, LCRBDC

| REGION                        | SCRUB<br>AREA | TILLABLE   | TOTAL      | *NON<br>USEABLE<br>PROPERTY |
|-------------------------------|---------------|------------|------------|-----------------------------|
| 1                             | 90            | 89         | 179        | -                           |
| 2                             | 5             | 30         | 35         | -                           |
| 3                             | 85            | -          | 85         | -                           |
| 4                             | 66            | -          | 66         | 15                          |
| 5                             | 33            | -          | 33         | 11                          |
| 6                             | 38            | -          | 38         | 20                          |
| 7                             | 37            | 90         | 127        | 115                         |
| 8                             | 101           | -          | 101        | 36                          |
| 9                             | 26            | -          | 26         | -                           |
| <b>SUBTOTAL</b>               | <b>481</b>    | <b>209</b> | <b>690</b> | <b>197</b>                  |
| <b>POTENTIAL ACQUISITIONS</b> |               |            |            |                             |
| 10                            | -             | 86         | 86         | -                           |
| 11                            | 19            | -          | 19         | -                           |
| 12                            | 113           | -          | 113        | 15                          |
| <b>SUBTOTAL</b>               | <b>132</b>    | <b>86</b>  | <b>218</b> | <b>15</b>                   |
| <b>GRAND TOTAL</b>            | <b>613</b>    | <b>295</b> | <b>908</b> | <b>212</b>                  |

**\*THIS AREA IS EXCLUDED FROM THE GRAND TOTAL AND REPRESENTS PUBLIC R/W'S, CORPS MITIGATION AREAS, LEVEE EASEMENTS, AND NON-DEVELOPABLE LAND.**





# Little Calumet River Basin Development Commission

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DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

September 16, 1999

Lt. Ed Trouche  
IN Div. of Natural Resources  
Div. of Law Enforcement  
100 W. Water Street  
Michigan City, Indiana 46360

Dear Lt. Trouche:

On Tuesday, September 14<sup>th</sup>, I met with Conservation Officer Timothy Janowski to discuss patrolling on Little Calumet River Basin Development Commission properties adjacent to the Little Calumet River. We presented a project map and recreational facilities maps along with a project key to Officer Janowski. As we discussed, the Development Commission owns, or has easements on, all of the properties between the levees and adjacent to the river.

We appreciate your concern for enforcing local and state ordinances regarding hunting and/or trespassing. At this point in time, the Commission has not given permission to any individual to enter onto the lands. If, in the future, we should give permission to anyone, we will send a copy of that letter to you indicating our permission to enter the lands. We also discussed that if, during the patrolling of our lands, you discover any damage to our gates or if illegal dumping has occurred on our properties that you will advise us accordingly.

We appreciate your cooperation in helping to maintain the security of our project lands by having a representative in the field that could keep this process in effect for the duration of our project.

Sincerely,

James E. Pokrajac, Agent  
Land Management/  
Engineering

cc: Timothy Janowski, IDNR  
Steve Davis, IDNR  
Emerson Delaney, LCRBDC Chairman  
Chuck Agnew, LCRBDC Land Management Committee

12

*Sandy*

## **RESULTS OF 22 SEPTEMBER 1999 REAL ESTATE MEETING**

### **LITTLE CALUMET RIVER FLOOD PROJECT / ARMY CORPS OF ENGINEERS**

**In attendance: LCRBDC:**

Dan Gardner  
Lou Casale  
Sandy Mordus  
Jim Pokrajac  
Angie Ogrentz  
Judy Vamos

**COE:**

Imad Samara  
Emmett Clancy

#### **1. STAGE IV-1 NORTH**

a. Authorization for ROE for Construction and Attorney's Certificate of Authority - Lou reported that before he signs we still need one last acquisition from the Wolverine Pipeline Company. Lou's been in contact with Wolverine's Dallas, TX office and representatives said the agreement is approved but needs to be signed by the Wolverine company president. He'll be back in his office Friday 9/24/99. ROE needs to be signed ASAP so COE can advertise the contract before the end of their fiscal year on 9/30/99.

(ACTION: Lou/LCRBDC)

b. All properties and easements are acquired with the exception of the Wolverine Pipeline Agreement.

#### **2. STAGE IV-1 SOUTH**

a. Status of the railroad appraisals - Judy reported that the original appraisals are all complete and COE approved, however, three new easements have been added by COE. Dale Klezcynski is now completing addendums for COE approval. Lou can send offers as soon as COE approval is received.  
(ACTION: Judy and Lou/LCRBDC)

c. Status of WIND appraisal - Imad stated that this acquisition is on fast track. All engineering is now complete and Judy can assign appraisal.  
(ACTION: Judy/LCRBDC)

c. Status of INDOT properties for staging area - Agreements have been sent to INDOT, however, there is a problem with the easement agreement language. Because of legal issues INDOT wants the term "permit or license" used instead of "agreement." Their main office has to approve all. Emmett is writing new language that must be approved by Bill. Sandy and Lou are following-up. This could take time.

(ACTION: Emmett and Bill/COE and Sandy and Lou/LCRBDC)

#### **3. STAGE V-3 (Woodmar Country Club)**

a. Imad made a presentation to LCRBDC that COE is adopting a new policy of adhering to the 18 month acquisition schedule. Drawings were given to LCRBDC on 13 July and time is ticking. Imad stated that meeting deadlines and real estate acquisition are the main goals of the project for the coming years. To start on the Woodmar acquisition Jim will have surveys completed so Judy can assign the Woodmar appraisal, probably to Dale Klezcynski, with COE Chris Borton's approval. Imad stated that a heavy workload is coming and offered COE employee assistance to LCRBDC. Dan mentioned that COE may want to move quickly forward but funding for the LCRBDC may not match the COE's aggressive schedule. Judy also mentioned that the land values in the West Reach are much higher than the East Reach and more funding would be needed to support the West Reach.

(ACTION: Jim and Judy/LCRBDC)

#### **4. STAGE V-2**

a. LCRBDC has received the final drawings. The same schedule applies in this stage as V-3, however, there are about 40 more private landowners in this stage. Imad stated again that the COE now has a better understanding of the difficulties involved in land acquisition and COE focus in the future will be more on land acquisition than engineering. He wants a more realistic schedule and if LCRBDC has a problem with acquisition in the future stages "contracts could be broken into segments that would accommodate land acquisition and funding."

#### **5. BURR STREET BETTERMENT LEVEE**

a. Update on acquisitions remaining - There are 3 private landowners in the April, 2000 deadline for the Colfax Road-Raising. Appraisals are completed and COE approved and Angie reported she has sent offers to all three landowners. Judy will contact landowners near the end of the 25 day acceptance/rejection period.

(ACTION: Judy and Angie/LCRBDC)

b. Update on railroad easements - Lou is waiting on Dale Klezcynski to complete the appraisal addendums. Once COE approves the addendums Lou can get offers to the railroads.

(ACTION: COE and Lou/LCRBDC)

c. Status of the DNR permit - Sandy reported that LCRBDC is still waiting on the permit. Officials at the DNR have stated "it's coming."

(ACTION: DNR)

d. MOA - Imad distributed copies of the Memorandum of Agreement for the Burr Street Betterment Levee. LCRBDC will review.

(ACTION: LCRBDC)

#### **6. EAST REACH REMEDIATION**

a. Status of DNR permit - Sandy reported that the DNR permit has been received. Jim reported that the contractor is already in the levee area clearing the land for construction.

b. Status of WLTH radio tower - Emmett advised LCRBDC to proceed with constructing the floodproofing measures for the WLTH radio tower on Martin Luther King Drive. Neither Judy nor Emmett can find the letter from previous Chief Appraiser Frank Palmer allowing the waiver of a appraisal. Emmett will write a new letter specifying "no appraisal and that LCRBDC receive credit for the floodproofing engineering costs."

(ACTION: Emmett/COE and LCRBDC)

c. Problem with INDOT - Agreements have been sent to INDOT, however, there is a problem with the language in the easement agreement (the same as encountered in the Stage IV-1 North Area). INDOT wants the terms "permit or license" used instead of "agreement." Their main office has to approve all. Emmett is writing new easement language that needs Bill's approval and Sandy and Lou are following-up with Emmett.

(ACTION: Emmett and Bill/COE and Sandy and Lou/LCRBDC)

#### **7. CREDITING**

a. Status of new computer program - A new IM (Information Management) employee from the COE, Edmund Amun, will meet with Tom Meehan and Judy this Friday (24 September) to review the current program. He will begin writing a new dbase tracking program with LCRBDC input.

(ACTION: COE and Judy/LCRBDC)

b. Emmett reported that the Mass Appraisal for \$1,225,000 for the land acquired in the 1980's from the DNR is approved. Some documentation is missing and more costs are creditable. Sandy, Gail, and Judy will make corrections.

(ACTION: Sandy, Gail, Judy/LCRBDC)

c. Emmett gave a presentation about COE concerns that the LCRBDC is in a shortfall situation and will not meet it's 25% project cost share at the audit that's coming at the beginning of 2000. *For example and for example purposes only*, if flood project cost to date is \$80,000,000 LCRBDC must have spent 25% of that or \$20,000,000. COE is not seeing those numbers. LCRBDC paperwork for crediting is behind and submittals amount to a fraction of what is needed. COE is giving LCRBDC a target date of December 1999 to catch-up on paperwork. Emmett stated that crediting must be caught up especially with legal and administrative costs. Sandy said she has started on those accounts and will finish.

Dan agreed that LCRBDC must improve crediting methods, however, part of the problem is COE. Dan mentioned that with each new employee or official at COE comes a new interpretation of a federal regulation as to what is creditable. Credit for the actual \$8 million dollars spent for the INDOT road and bridge improvements over the Little Calumet River are good examples. COE originally stated that credit would be approved, but now states that credit for the improvements is not legal. The LCRBDC is in the process of trying to change the wording in current legislation to correct the situation and allow INDOT improvements caused by the flood project to be creditable.

\* LCRBDC has probably spent more than the example \$20,000,000 but all of it is not creditable. Federal regulations stipulate that land acquisition and accompanying costs (title work, appraisals, surveys, etc.) are creditable. Engineering costs for land acquisition (drawing reviews, utility relos, etc.) are also creditable. Debate continues as to whether "land management" costs are creditable.

## 8. MITIGATION

a. Status of Mitigation Plan - Dan reported on the meeting held on 9/16/99 with the possible 3rd party acquiring agencies. Attendees at the meeting were Bob Nikovich from the Lake County Park Board, Don Ewoldt from the Lake Erie Land Company, Paul Kauloff from the Shirley Hines Foundation, Joseph Roth from Corlands, Paul Labus from the Nature Conservancy, plus COE and LCRBDC representatives. Discussion centered on the how, when, cost, time, etc. of acquiring Hobart Marsh lands to fulfill mitigation requirements for the Little Calumet River Flood Control and Recreation Project. Imad said the project cannot afford the \$11 to \$14 million cost of acquiring Hobart Marsh property. He would like to have the COE and LCRBDC meet with the COE contracting officer and develop a plan on how to proceed. Dan said he thinks there should also be a meeting with Hobart officials to explain the project and a conference with Imad and Ken Smith of the DNR to discuss their part. Dan thinks that DNR is driving up the cost of mitigation by insisting on forested wetlands as replacements.

For information purposes the COE will provide LCRBDC with copies of environmentalist Sandy O'Brien's map of available land in the Hobart Marsh area. Imad will arrange for the Ken Smith call before 10/23/99.

## 9. UTILITY RELOCATIONS

a. Discussion about the issues - LCRBDC has decided to proceed with doing the utility relocations as long as costs are creditable.  
(ACTION: LCRBDC)

## 10. OTHER ISSUES

Funding - Imad reported that COE and LCRBDC's initial task is to manage the available approved funding. Chicago District's new Deputy District Engineer, John Sirles, would like to come and make a presentation to the LCRBDC commissioners about the present financial picture and it's importance. He also said he's been asked to do a 902 for the East Reach Remediation Area that lists costs and the increased spending. (A COE 902 is a report that explains why project costs are over approved funding and need to be increased.)

Imad stated that at the end of 1998 \$167 million was approved for the entire project (up from the 902 cap of \$139 million. The projected project costs have all taken inflation and cost of living into account.

**NEXT MEETING 20 OCTOBER 1999, 9:30 AM, LCRBDC office**



# Levee project draws fire

## Opponents decry the affect on trees and wildlife

By Sally Falk Nancrede  
STAFF WRITER

Some Northside homeowners already are dreading what they call the great graffiti wall — a flood wall the city wants to erect as part of its plan to rebuild a 60-year-old levee along the White River.

And in order to put up the wall, the city plans to cut trees and vegetation along the levee.

That's the rub. The Warleigh levee grows green with grass and is topped with a crown of mature trees — cottonwood, maple, sycamore, hackberry — plus a dense habitat of scrub and wild honeysuckle.

"What is the value of a tree?" asks Jerry Muskat, who lives on Riverview Drive, facing the levee. "The spiritual value is priceless."

The city is working with the U.S. Army Corps of Engineers on a \$15 million project to rebuild about 4½ miles of the levee, roughly from Broad Ripple to just outside Rocky Ripple.

The goal is to provide flood protection — and reduce flood-insurance costs — to more than 1,350 homes and 100 businesses.

"During the 1991 flood, we noticed water moving through the levee," said Kevin Kirk, project manager for the city. "The city is very concerned about the condition of the levee."

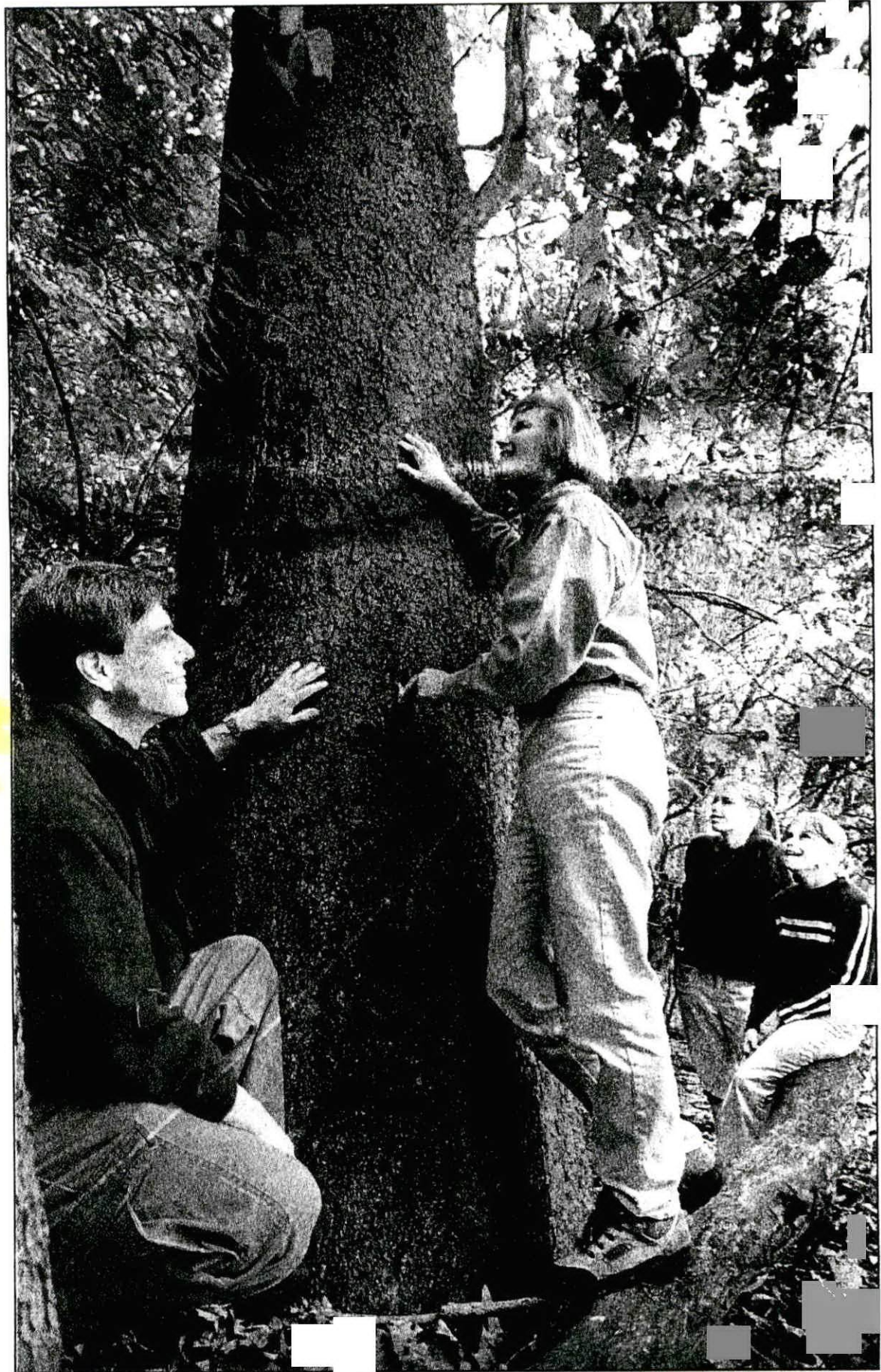
In a worst-case scenario "100-year flood," all the homes between the White River and the Indianapolis Water Company canal could be flooded — as well as homes south and east of the canal for another block or two.

Residents then would blame the city for not protecting them, said Kirk.

Instead of seeing the protection the project would offer, Northside neighbors envision graffiti on the wall that would replace their treasured sycamores.

See LEVEE Page 5

**SAVE THE TREES:** The Muskats (from left, Jerry, his wife Jan and daughters Lauren and Kate) are among Northside residents opposing a plan to rebuild a levee between Broad Ripple and Rocky Ripple.



Staff Photo / Frank Espich



# **RECREATION REPORT**

*Thursday, October 7, 1999*

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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. We have requested a recreation (project-type) map from the COE showing all recreation features, including trails, fishing piers, observation decks, and all out support facilities.(Ongoing)

- We received 11" x 17" copies of the East Reach and West Reach recreation features maps on September 3<sup>rd</sup>, 1999 and they will be distributed to the Commissioners at our October 7<sup>th</sup> board meeting.

- B. 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.

- C. We received a letter from the COE on April 12 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. **The informal estimate was approved by the COE on September 16<sup>th</sup>, 1999 and we are currently submitting a permanent levee agreement for approval to the Gary Public Works Department.**
- D. We sent a letter to Gas City on July 1<sup>st</sup> requesting their comments on the relocation of the recreation trail adjacent to their truck stop.
1. We received a letter from Gas City of July 21<sup>st</sup> requesting we consider a different route due to increased crime potential.
    - The COE has requested a conference call to discuss this with Gas City. (ongoing)
- E. 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 current schedule is projected to have plans completed by August 2000; be bid out by November 2000; and construction to start in the spring of 2001.
  2. **A letter was sent to the COE on September 16<sup>th</sup>, 1999, requesting cost comparison data, stating scope of work to be removed from V-2 and V-3, and requesting any additional information regarding legal concerns, money, or crediting.**
  3. **We presented several alternatives to the Commission at the September 2<sup>nd</sup> meeting and evaluated our options.**
    - We were requested to schedule a coordination meeting with the Recreation Committee prior to our next scheduled Board meeting on October 7<sup>th</sup>, 1999.
  4. We received a copy of a letter from Mayor Dedelow to Senator Lugar dated September 7<sup>th</sup>, 1999, requesting his support to expedite our recreational portion of the project in this area.
- F. We received a letter from the E.J. & E. RR. dated September 1<sup>st</sup>, 1999, and forwarded it to the Commission attorney for legal review on September 8<sup>th</sup>, 1999, regarding their allowing us an at-grade crossing for the Betterment Levee Recreation Trail.

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# Little Calumet River Basin Development Commission

6100 Southport Road

Portage, Indiana 46368

(219)763-0696  
Fax (219)762-1653

EMERSON DELANEY, Chairman  
*Governor's Appointment*

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

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

JOHN DEMEO, Secretary  
*Governor's Appointment*

CHARLES AGNEW  
*Governor's Appointment*

GEORGE CARLSON  
*Mayor of Hammond's Appointment*

STEVE DAVIS  
*Dept. of Natural Resources' Appointment*

ROBERT HUFFMAN  
*Governor's Appointment*

CURTIS VOSTI  
*Governor's Appointment*

MARION WILLIAMS  
*Lake County Commissioners' Appointment*

VACANCY  
*Governor's Appointment*

DAN GARDNER  
*Executive Director*

LOUIS CASALE  
*Attorney*

September 16, 1999

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

Dear Imad:

As per our recent conversation and our previously submitted letter of August 17<sup>th</sup>, we have requested to remove a recreational portion of the Stage V-2 and V-3 contracts to allow an interconnection of local recreational trails.

In our letter of August 17<sup>th</sup>, we mentioned that we had received several letters of request from the involved municipalities to accelerate our installation of these recreational features, and that a \$800,000 Transportation Enhancement Grant was awarded allowing Hammond and Highland to expand their trail segments to the point where our project would provide the final connection. We feel that to complete this request, we would have to do the following:

- (1) In Stage V Phase 3 we would have to complete all of what is shown in your plans on Sheet R-1 (Sheet 33 of 37). This would include the construction of the 155' long bridge and abutments, utility re-locations as required, the recreation trail from the bridge northward to Indianapolis Blvd. (approx. 900' of trail), pedestrian crossing at Indianapolis (including signage), and whatever grading or embankment would be required adjacent to the river.
- (2) In Stage V Phase 2 we would have to complete all of what is shown in your plans on sheet R-9 (sheet 57 of 91). This would include the trail from the south side of the river on, and down from the existing levee, the concrete "I-wall" and trail southward to the closure structure along the west side of the Tri-State Coach Lines (approx. 670 lin.ft.), and the closure structure, culvert, and trail over the drainage ditch to extend westward to the existing trail between Woodmar Country Club and Wicker Park.





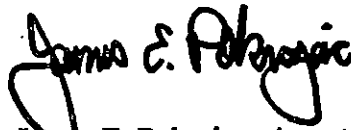
Mr. Imad Samara  
September 16, 1999  
Page 2

- (3) We would have to obtain, in fee, all real estate required for installing these recreational facilities, as well as other real estate for flood control features.

I have enclosed a memorandum showing 3 options for consideration that were presented to our Commissioners at the September 2<sup>nd</sup> monthly Board meeting. Would you provide a letter of response showing the differential costs that would be incurred for enacting any of these options if we modified the existing two contracts and created a new contract. Could you also provide us any information regarding real estate or legal concerns, crediting, future construction impacts, and what the LCRBDC would be required to do regarding money for this separate contract.

We would appreciate it if you could expedite this response in memo form in order that our recreation committee could meet to review and discuss these impacts prior to our next scheduled Board meeting with the Commission Board on October 7<sup>th</sup>.

Sincerely,



James E. Pokrajac, Agent  
Land Management/  
Engineering

/sjm  
encl.

cc: William White, COE  
Jan Plachta, COE  
Emerson Delaney, LCRBDC Chairman  
George Carlson, LCRBDC Recreation Committee

## **CONSIDERATIONS FOR REMOVING RECREATION FEATURES FROM STAGE V PHASE 2 AND STAGE V PHASE 3 TO ALLOW INTER-CONNECTION OF PROPOSED LOCAL TRAIL SYSTEMS**

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Following are the 3 options for consideration:

1. To remove the pedestrian bridge and trail from Indianapolis Blvd. from the Stage V Ph3 contract. To remove all sheet piling, concrete I-wall, and concrete trail from the Stage V Ph2 contract. Also, to remove from the V-2 contract the concrete control structure and culvert connecting the west side of Tri-State with the existing recreational trail between Woodmar and Wicker.
2. Remove pedestrian bridge and trail from Indianapolis Blvd. from the Stage V Ph3 contract. Pursue only real estate easements necessary to install a temporary trail that would connect the south end of the bridge with the trail between Woodmar and Wicker.
3. If the COE cost evaluation indicates that removing these items from their respective contracts is prohibitive, we will not remove any of these items from their respective contracts based upon COE recommendations and Commissioners' review. We could also pursue with the local communities any other at-grade options to see if their trails could temporarily be inter-connected.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

1. *Chlorophyll*



**Duane W. Dedelow, Jr.**  
Mayor

**CITY OF HAMMOND**

September 7, 1999

Honorable Richard Lugar  
United States Senator  
8585 Broadway  
Merrillville, IN 46410

Dear Senator Lugar:

We have communicated in the past about recreation projects, on the Little Calumet River, in particular the development of Hammond Oxbow Park. A few years ago, your efforts helped us convince the Army Corps of Engineers (ACOE) to expedite its recreational spending so we could develop the Oxbow. That success, matched with our efforts, has enabled us to open a nature park in Urban America that has been praised for its beauty and accessibility to children. Even the Times saw fit to editorialize favorably about the park!

Once again I turn to you for help with recreational improvements along the Little Calumet River.

Enclosed you will find material on a recent Federal pass-through grant from Governor O'Bannon's office that will enable an extension of the Erie Lackawana bicycle trail in both Hammond and Highland. The key connection point for these trails is a yet-to-be-built trail bridge over the river..

I am asking your support in petitioning ACOE to expedite its recreational spending so the bridge can be built. It is important to note that this connection is a linchpin for four (4) separate trails, and this project and its construction have been urged by the North Township Trustee, the Town of Highland, the Little Calumet River Basin Development Commission and, through this letter, the City of Hammond. I believe this trail bridge over the river will be an important connection for residents from all over Northwest Indiana, and I look forward to any help you can bring to us in making this a reality.

If this project does not receive expedited status, this important connection for Northwest Indiana residents will have to wait several more years for this important connection to become a reality.

Sincerely,

Mayor Duane W. Dedelow, Jr.  
City of Hammond

DWD/eb

enclosure

cc: Dan Gardner  
5925 Calumet Avenue  
Hammond, IN 46320 Executive Director, LCRBDC

**219.853.6301**

fax: 219.931.0831

www.ci.hammond.in.us

e-mail: mayor@ci.hammond.in.us

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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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September 1, 1999

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

SUBJECT: At-Grade Recreation Trail Crossing

Dear Mr. Pokrajac:

This letter serves as notification that the EJ&E will permit the proposed, at-grade recreation trail crossing that is to be constructed in conjunction with the Burr Street Betterment Levee Project within Griffith, Indiana.

Prior to actual construction, the at-grade crossing is subject to a fully executed license agreement between the EJ&E and the trail owner. The trail owner is expected to indemnify the railroad for any and all liability associated with the trail's use. Find attached a copy of a sample license agreement that can be used for reference purposes.

Be advised that the proposed crossing location will be blocked for extended periods, 15 minutes and beyond dependent upon operating requirements, due to its proximity to the interchange between the EJ&E and Norfolk Southern (NS). It is imperative that the trail users do not attempt to cross a stopped train and signs should be installed to make the users aware of this condition.

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

Sincerely,



Mark A. Paull

cc: KLH  
DRO  
DMS  
MST

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