

# Little Calumet River Basin Development Commission

6100 Southport Road Portage, Indiana 46368 (219) 763-0696 Fax (219) 762-1653 E-mail: littlecal@nirpc.org

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS

Dept. of Natural Resources'

Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANOY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE

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THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION
AT 6:00 P.M. WEDNESDAY, APRIL 2, 2008
AT THE COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, IN

WORK STUDY SESSION BEGINS AT 5:30 P.M.

### AGENDA

- 1. Call to order by Chairman Bill Biller
- 2. Pledge of Allegiance
- 3. Recognition of Visitors and Guests
- 4. Approval of Minutes of March 5, 2008

5. Chairman's Report

 Stage V-2 construction progress meeting held on 3/11/08 at Mayor McDermott's office

6. Action Required:

Finance:

- Approval of claims for March 2008
- Approval of O&M claims for March 2008
- Approval of additional Stage VII claims

Report of Finance Committee recommended action:

- Recommended approval of NIRPC contract for administrative services for 2008
- Recommended approval of Independent Contractors' Contracts for 2008
  - Engineering/Land Management Agent contract
  - Land Acquisition Agent contract
  - Crediting Technician Services contract

Land Acq:

- Action on increased offers?
- Action on condemnations?

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### 7. Executive Director's Report

- Status of 1<sup>st</sup> draw down of RDA funds
- Letter from Hammond City Council regarding standing water behind Cabela's levee
- Update on construction progress

### 8. Standing Committees

- A. Finance Committee Report by Treasurer Kent Gurley
  - Financial status report for end of February 2008
  - Audit by State Board of Accounts for years 2006 and 2007 ongoing

### B. Land Acquisition/Land Management Committee - Committee Chair Bob Marszalek Land Acquisition

- · Appraisals, offers, acquisitions
- Status of acquisition for Stages V-2, VII and VIII
- Right-of-Entry given to Corps for Stage VII Alpha

### Land Management

- Meeting held on 3/17/08 with NRCS field review team
- Meeting was held on 3/27/08 regarding 26 acre usage

### C. Project Engineering Committee - Committee Chair Bob Huffman

- Received modifications to ongoing construction projects from Corps
- Stage V-2 progress meeting held 3/19/08
- Status of Stage V-2 pipeline corridor
- Status of Griffith levee certification
- Status of INDOT/Highland pump station

### D. Operation & Maintenance - Committee Chair Bob Huffman

- INDOT request to replace flap gates
- Status on sluice gate/flap gate repairs
- Submitted Burr Street-Gary "as-builts" on 3/12/08 to city of Gary
- Second request for O&M manual review
- Status summary of O&M turnover

### E. O&M Funding Committee - Committee Chair

Report on meeting held March 12

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F. Legislative Committee - Committee Chair

### G. Environmental Committee - Committee Chair

· News article on watershed plan

H. Recreational Development Committee - Committee Chair Bob Huffman

Recreation Phase 2 review meeting held on 3/24/08

### I. Policy Committee - Committee Chair Bob Marszalek

- 9. Other Issues / New Business
- 10. Statements to the Board from the Floor
- 11. Set date for next meeting; adjournment

9-10

### MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION HELD AT 6:00 P.M. WEDNESDAY, MARCH 5, 2008 6100 SOUTHPORT ROAD PORTAGE, INDIANA

In Chairman William Biller's absence, Vice Chairman Bob Marszalek called the meeting to order at 6:10 p.m. Seven (7) Commissioners were present. Pledge of Allegiance was recited. Guests were recognized.

### **Development Commissioners:**

Mark Gordish Robert Huffman **Steve Davis Bob Marszalek** Arlene Colvin **Kent Gurley** John Mroczkowski

### Visitors:

Bill Petrites - Highland resident Elizabeth Johnson - Congressman's Office Karen Lorenz - Southmoor Road, Hammond Imad Samara - Corps of Engineers Ruth Mores - Southmoor Road citizen group

### Staff:

Dan Gardner Sandy Mordus Jim Pokrajac **Judy Vamos** Lorraine Krav

The minutes of the meeting held on February 6, 2008 were approved by a motion from Bob Huffman after a correction was made on page 3, third paragraph, stating "a resident on Southmoor Road in Munster" was changed to "a resident on Southmoor Road in Hammond"; motion seconded by Arlene Colvin; motion passed unanimously.

Chairman's Report - Executive Director Dan Gardner announced that Chairman Bill Biller could not be attend the meeting because of another meeting conflict in which he had to attend. Also, attorney Lou Casale could not be at the meeting because his wife was having surgery today.

Action Required - Treasurer Kent Gurley presented items for action. He proceeded to make a motion to approve the monthly claims of \$91,292.32; the motion was seconded by Bob Huffman; motion passed unanimously.

- Mr. Gurley then made a motion to approve the O&M claims in the amount of \$282.90; motion seconded by Bob Huffman; motion passed unanimously.
- Mr. Gurley then made a motion to table the action regarding the NIRPC contract for administrative services and the consideration of the independent contractors' contracts approval. We have not been able to schedule a date to meet yet with the Finance Committee. A meeting has now been scheduled for Wednesday, March 12 so we would anticipate action on these items at the April meeting. Motion was seconded by Bob Huffman; motion passed unanimously.

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• Land Acquisition Committee Chairman Bob Marszalek referred to Judy Vamos for a report on the requested condemnations. She presented three properties for action on condemnations. Mr. Huffman made a motion to approve filing condemnation on DC1314 (owner has rejected offer); motion seconded by Arlene Colvin; motion passed unanimously. Mr. Huffman then proceeded to make a motion to file condemnation as a last resort if a settlement cannot be reached on DC1377 and DC1378; motion was seconded by Arlene Colvin; motion passed unanimously.

Executive Director's Report – Mr. Gardner informed the Board members that he attended the RDA meeting on February 12 in Indianapolis. The Commission was approved for \$6 million of non-federal share dollars to complete construction on schedule. Starting March 1<sup>st</sup>, we can submit the first drawdown for \$2.5 million (as per a drawdown schedule previously submitted to the RDA). We are awaiting an agreement from the RDA attorney to be able to draw those funds. The Army Corps has already submitted a letter to the Commission on February 15 requesting \$1,381,000 for 7% local cash contribution. Mr. Gardner extended his thanks to the RDA, as well as the Congressman and Governor who were critical to the approval. Commissioner Bob Huffman thanked Mr. Gardner and staff for their hard work in this endeavor.

- A coordination meeting was held with the town of Griffith on February 13, 2008 for the purpose of obtaining any and all of the information they have on the Griffith levee portion. We do not want to duplicate work if existing documentation is obtainable. Since that meeting, we have received all the information that exists. The Corps is scheduled to do an inspection in April. Available information has been forwarded to the Corps.
- FEMA had requested some additional information regarding the Wicker Park Manor levee in Highland. They wanted some internal statements from the town regarding inspections, to keep the levee certified. The town did submit additional information to FEMA. That should satisfy their request until all levee construction is complete.
- Jim Pokrajac stated that he and Mr. Gardner met with the city engineer in Hammond to discuss the Forest Avenue levee section. They obtained the "as-built" drawings of the levee and Mark Gordish indicated he would check further to see if specs or any correspondence was available. It appears there is no public easement where the levee sits so the Commission will have to eventually acquire an easement from those property owners.
- Jim Pokrajac attended the V-2 progress meeting held at Dyer Construction's field office. On March 5, 2008. A progress meeting is held twice a month on every other Wednesday. He reported that there has been a weather delay. It is too wet/frozen to start the sheet piling work.

<u>Finance Committee</u> — Committee Chairman Kent Gurley reported that finance action was already taken. The financial statement for end of January is in the agenda packet.

<u>Land Acquisition/Land Management Committee</u> – Committee Chairman Bob Marszalek stated action has already been taken. He referred to the report that Judy Vamos had distributed to all.

• Mrs. Vamos informed the Board members that out of 34 offers in Stage VII (Northcote to Columbia), 28 have accepted. In Stage VIII (Columbia to the state line) there are 90



LCRBDC Minutes March 5, 2008 Page 3

easement acquisitions. To date, 22 offers have been sent; 27 properties are being reappraised due to modified engineering and real estate changes submitted to the LCRBDC on January 26, 2008; and 41 offers are in process to be sent. We are working toward a May 7 real estate deadline date.

• Mr. Pokrajac reported that there are no land management issues.

Project Engineering Committee — Committee Chairman Bob Huffman gave the committee report. Mr. Huffman reported that a Stage VIII review meeting was held on February 28. Mr. Pokrajac added they had the 100% review meeting; municipalities at 10:00 a.m. and utilities at 1:00 p.m. at Munster town hall. He added that the Corps Buffalo District did a good job on the engineering and, on behalf of the Commission, he submitted a favorable performance survey of their work. They worked well with staff as well as the residents. They have gone as far away from homes and structures as possible. There will be a final drawings back-check in a few weeks with design. Utility issues are ongoing. Buffalo did a field walk-thru on February 29<sup>th</sup>.

- The Stage VII Alpha is a drainage structure west of Northcote and north of the river, that will help address interior drainage problems in that particular area while V-2 construction is ongoing. It will help with landside drainage issues due to the installation of V-2 construction.
- Mr. Pokrajac reported that the Phase 2 Pump Station contract will be broken up into two contracts. The first contract is Pump Station Phase 2A and will include two stations Forest Avenue and Tapper Avenue. The second contract is Pump Station Phase 2B and will include Indianapolis Blvd, Jackson Avenue, and Southside pump stations. The pump station construction will be going the same time as levee construction.
- Regarding the status of the Pump Station 1A contract, a meeting was held on February 27, 2008 to go over the work scope. The Corps has worked out details with the bonding company and they confirmed that Thieneman Construction will do the work that Overstreet failed to complete.
- Mr. Pokrajac informed the Board members that the Corps has approved the sample utility agreement. The agreement will be sent to all pipelines in the utility corridor in V-2. The first agreement will be sent to NIPSCO with the others to follow. We are hoping to have all agreements mailed out with a week.
- There was discussion regarding the work site at Hawthorne. Mr. Huffman stated that there were a lot of trees taken down. Although that may be the case, the contractor is taking down only the trees he has to take down for construction. No complaints have been received by the local Corps office.

<u>Operation & Maintenance Committee</u> — Committee Chairman Bob Huffman referred to a news article stating that the INDOT flood report of the August 2007 flooding situation that closed I-80/94 has been delayed. The Army Corps needs to submit additional information.

- Jim Pokrajac reported that Austgen is still trying to finish up the sluice/flap gate repair. Due to bad weather, completion is delayed. The 2008 inspection is to be scheduled no later than the end of June, 2008.
- Mr. Pokrajac is coordinating "as-built" drawings for the Burr Street betterment-Gary turnover to the city of Gary. He will be meeting with them next week to turn over some of the drawings that will be filed in various locations.

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• Regarding Stages VI-1 North and South, some completed drainage features will be turned over to Highland and Hammond. Commissioner Mark Gordish inquired if Hammond would be the one to close sluice gate at Carlson-OxBow Park north of the river. Mr. Pokrajac replied that it would be Hammond's responsibility. He will get them an instructional. Some

commissioner Gurley expressed concern about the O&M process. He stressed that the O&M process needs the same real effort to get the turnover completed as the physical construction is completed. Concern is that the LCRBDC will keep paying O&M costs to assure operation and compliance of flood control features until these agreements are in place. There must be more we can do. Mr. Gardner added that monies for O&M funding for the cities are a real concern. The O&M funding Committee will look at that and into funding sources to be used by the cities and towns. FEMA will never approve flood plain removal if an O&M plan is not in place. A lengthy discussion was held on the actual status of the O&M turnover to the city of Gary. Mr. Gardner reiterated that all levee construction components have to be in "as-built" condition. Once the city signs the O&M agreement, we will turn over the existing surplus property. There is a draft agreement. Mr. Gardner will ask the attorney to give an updated report at the next meeting.

<u>Legislative Committee</u> - There was no report. <u>Environmental Committee</u> - There was no report.

<u>Recreation Committee</u> — Mr. Pokrajac stated that the preliminary coordination will be starting for Recreation Phase 2. There will be a coordination meeting with the Corps and LCRBDC in the near future. Imad Samara added there are still a lot of outstanding issues and an actual contract will probably not be until next year.

**Policy Committee** - There was no report.

Other Business — Commissioner Kent Gurley inquired about the status of a contract with Umbaugh. Mr. Gardner replied there is no contract. Discussion on this issue will be held at an O&M Funding Committee meeting. A meeting will be scheduled before the next Board meeting.

<u>Statements from the Floor</u> — Ruth Mores of Southmoor Avenue in Hammond referred to a letter she had sent the Commission and asked when she could expect a response. Mr. Gardner answered that he will send a response as quickly as he is able. He is waiting for reappraisals to be done on some of the residents' properties so that all of the residents would have received an offer before we meet with them. We are hoping to have those in by the end of March. Imad Samara added that the re-design was done based on meeting with some of the residents and what they wanted. The changes are at the request of the residents. Those changes are reflected in the final plans. If residents have questions on their offers, they should call Judy Vamos directly.

• Resident Karen Lorenz of Southmoor Avenue in Hammond expressed dissatisfaction with the Corps entering her backyard without her permission. Mr. Gardner apologized for the Corps and it was brought to their attention to obtain permission first, as promised to them.

There being no further business, the meeting was adjourned. The next scheduled Board meeting is set for 6:00 p.m. on *Wednesday, April 2, 2008*.

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### APPROVAL TO PAY THE FOLLOWING INVOICES FROM O&M FUND April 2, 2008

- \$3,885.00 to Austgen Electric Inc. for work done at 10A sluice gate repair
- \$2,285.00 to Austgen Electric Inc. for work done at 10B flap gate repair
- \$3,112.00 to Austgen Electric Inc. for work done at 12A sluice gate repair
- \$1,785.00 to Austgen Electric Inc. for work done at 13A sluice gate repair
- \$2,600.00 to Austgen Electric Inc. for work done at 17 sluice gate repair

Total O&M costs - \$ 13,667.00



# STAGE VII – MUNSTER (Northcote to Columbia, south of the river)

### CLAIMS PAYABLE FOR APRIL 2008 TO BE DRAWN FROM MUNSTER – UP TO \$302,000

**Property Owner & Address** 

**DC** Number

Amount

Jeffrey and Carol Dixon 1345 River Drive Munster IN 46321 DC-1233

\$ 3,829

(Previously received from the town of Munster - \$191,997)

(Remaining funds available after this payout - \$90,996)



5925 CALUMET AVE. HAMMOND, IN 46320

(219) 853-6404 FAX (219) 853-6420



March 11, 2008

Dan Gardner, Deputy Director of NIRPC Little Calumet River Basin Commission 61 Southport Road Portage IN 46368

RE: STANDING WATER

Dear Mr. Gardner:

The following motion was made at the Hammond City Council Meeting, which was held on March 10, 2008.

Councilman Hinojosa, supported by Councilwoman Matonovich, moved to have a letter sent regarding the water that is standing behind the levy that was built off the Cabela's property, on the east side of Northcote. There is standing water in the back yards from River Drive to 177th.

We would appreciate an immediate response in this matter.

Respectfully

Daniel Repay, President Hammond Common Council

Cc: All council members

DR/cb



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# Little Calumet River Basin Development Commission

6100 Southport Road Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1655 E-mail: littlecal@nirpc.org

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman O: Governor's Appointment

Pat Moore, Administrator of Hammond Parks & Recreation Lisa Berdine, attorney for Hammond Parks & Recreation

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

FROM:

Dan Gardner, Executive Director

LCRBDC

MARK GORDISH, Secretary Mayor of Hammond's Appointment

**SUBJECT:** 

Remaining Needed Flood Control and Staging Easements on

Hammond-controlled Properties

ARLENE COLVIN Mayor of Gary's Appointment

DATE:

March 19, 2008

STEVE DAVIS Dept. of Natural Resources' Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney Thank you, Pat and Lisa, for meeting with Jim Pokrajac and me to discuss the upcoming needed easement agreements and use of Hammond-owned properties for construction and staging areas in the Riverside Park, Rick's Park, and Hammond parkways. We are awaiting Lisa's letter describing the particular concerns of the Park Department in the placing of both construction activities and staging areas relative to the ball diamonds and other recreation and support facilities in the Hammond park system. The Commission will work with the Corps of Engineers to relocate any and all construction activities (to the maximum extent possible) to avoid conflict with ball diamonds, recreational facilities, parking areas, and areas of conflict with public access.

Upon researching the easements discussed at the meeting held March 11, we found that underlying Riverside Park land is actually owned by the city of Hammond. Accordingly, our easement agreements will be with the owners of record. However, in order to best coordinate among the Hammond Parks Department, Hammond Board of Public Works, Hammond Redevelopment Commission, and Hammond Sanitary District, we are suggesting a coordination meeting be held at the earliest convenience to all to finalize the request for remaining needed easements by the Commission/Corps of Engineers to the Illinois state line and to coordinate the Corps construction activities in staging areas without impacting Hammond recreational facilities.

Regarding the two easements previously presented to you (DC1202A&B and DC1209), we request these be on the agenda of the next park board meeting for approval for donation. We will attempt to schedule this coordination meeting in advance of that meeting so as to answer any final questions and coordinate with all parties. Thank you for your cooperation and support of this important project to Hammond and northwest Indiana. We will be in contact with some proposed dates to meet.

cc: Stan Dostatni, City Engineer, Hammond Board of Public Works
Rick Calinski, Executive Director, Hammond Redevelopment Commission
Bill Biller, LCRBDC Chairman and consultant to Hammond Sanitary District





### **INDIANA DEPARTMENT OF TRANSPORTATION**

### Driving Indiana's Economic Growth

LaPorte District 315 East Boyd Boulevard, P.O. Box 429 LaPorte, Indiana 46350, 46352 (219) 362-6125 FAX: (219) 325-7516

Mitchell E. Daniels, Jr., Governor Karl B. Browning, Commissioner

March 10, 2008

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

RE: Request for Authorization to Install Replacement Flap Gates at Two Outlets to Little Calumet River
Replacement of Existing 54-inch Waterman F-10 Flap Gate with 54-inch Tide Flex TF-1 "Duckbill" East of Kennedy Avenue
Replacement of Existing 48-inch Neenah R-5050-SF48 Flap Gate with 48-inch Tide Flex TF-1 "Duckbill" East of Indianapolis Boulevard Hammond, Lake County, Indiana

Dear Mr. Gardner:

The Indiana Department of Transportation respectfully requests written permission and authorization from the Little Calumet River Basin Development Commission to perform the following construction work at the outlets of two existing structures which drain into the Little Calumet River in Hammond, Lake County, Indiana, and for which the plans have been attached:

- 1) Replacement of the existing 54-inch Waterman F-10 flap gate at the outlet of a 54-inch diameter RCP pipe which drains to the Little Calumet River and is located approximately 90 feet east of the centerline of Kennedy Avenue with a 54-inch Tideflex TF-1 "Duckbill" flood valve.
- 2) Replacement of the existing 48-inch Neenah R-5050-SF48 flap gate at the outlet of a 48-inch diameter RCP pipe which drains to the Little Calumet River and is located approximately 75 feet east of the centerline of Indianapolis Boulevard with a 48-inch Tideflex TF-1 "Duckbill" flood valve.

The work involved at both locations would involve removing and hauling away the existing flap gates, installing thimble plates to the existing headwalls, and then installing the Tideflex "Duckbill" flood valves.

The Kennedy Avenue outlet drains an area which includes a segment of the mainline Borman Expressway and the southeast quadrant of the Borman Expressway (I-80/I-94) at the Kennedy Avenue Interchange. Property information indicates that the property at which this outlet is located is owned by the City of Hammond. INDOT previously requested permission from the Hammond Board of Public Works and Safety to access and perform construction at this site in correspondence dated October 8, 2007. This request was approved by the Hammond Board of Public Works and Safety on October 25, 2007.

The Indianapolis Boulevard outlet drains an area which includes a segment of the mainline Borman Expressway, the southeast quadrant of the Borman Expressway (I-80/I-94) and Indianapolis Boulevard Interchange, and adjacent areas. Available property information indicates that the property at which this outlet is located is apparently within INDOT right-of-way.

www.in.gov/dot/ An Equal Opportunity Employer Mr. Dan Gardner Little Calumet River Basin Development Commission March 10, 2008 Page - 2

The work to replace these flap gates is considered necessary since the existing flap gates are subject to interference by debris and could remain open during flood events, as occurred at both of these structures during the recent flooding of August 23 - 26, 2007. The Tide Flex flood valves are much less susceptible to interference by debris and will provide a higher level of protection against backwater from the Little Calumet River.

The construction work is planned to be carried out by INDOT workers from the LaPorte District office. Prior to removing the existing flap gates, and until after the Tideflex gates are successfully installed and inspected, the existing sluice gates located upstream of the outlets will be closed to prevent any possibility of backflow from the Little Calumet River during construction activities, which are anticipated to take several days. We do not anticipate any disruption to traffic along either Kennedy Avenue or Indianapolis Boulevard during this time. Small staging areas will be required for equipment and materials, and all disturbed areas will be cleaned and re-seeded as necessary prior to leaving the sites.

INDOT is also requesting permission and authorization for construction of these flap gate replacements from the U.S. Army Corps of Engineers Chicago District. We have also provided copies of the plans to the City Engineer for the City of Hammond for review and comments.

Due to the nature of flooding conditions on the Little Calumet River which could impact the Borman Expressway, we request your review and written permission to install the flap gate replacements as soon as possible. In the event that we do not receive a response from your office on or before April 25, 2008 we will assume that the plans have been reviewed and are satisfactory to the Commission. We anticipate starting the work as soon after April 25, 2008 as possible, of course depending on ordering and receiving the replacement duckbills and river and weather conditions. We will notify you by phone or e-mail at least one week in advance of when construction activities will occur and will coordinate all construction activities as needed with your staff.

In the meantime, if you have any questions or require additional information, please contact John Pangallo (317-234-5602), the INDOT Project Manager for this project, or Lee Randell (219-325-7586), INDOT LaPorte District.

Thank you for your time and consideration of our request.

Sincerely,

INDOT

111/

Mike Monahan

Director, LaPorte District Office

Attachments

Copy: Stan Dostatni, Hammond City Engineer (w/o Attachments)

Imad Samara, U.S. Army Corps of Engineers Chicago District (w/o Attachments)

John Pangallo, INDOT

Richard Rampone, Earth Tech



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### RECREATION REPORT

For meeting on Wednesday, April 2, 2008

(Information in this report is based upon latest data provided at the time the report is put together. Dates and costs may vary depending upon ongoing design and/or coordination with the Army Corps.

Report period is from November 1, 2007 - March 26, 2008)

### **RECREATION - PHASE I**

(This contract included recreational facilities for Lake Etta, Gleason Park, Stage III (trails) and the OxBow area in Hammond.)

### A. CARLSON OXBOW (Hammond)

1. October 28th, 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 & 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 - PHASE 2**

(An initial scope of work meeting was held with the Chicago District Army Corps on March 24, 2008 to go over design issues and scheduling.)

- A. <u>Schedule</u> Current schedule is to let the contract in February 2009 and complete the contract by December 2009.
- B. An email was sent to the Corps on March 25, 2008 requesting individual conceptuals for each area that the trail crosses that need individual review by the owner (such as highways, roadways, railroads, and truck stops).
  - 1. The LCRBDC will address each crossing with that owner and present that particular conceptual as we receive it from the Corps.

### C. EAST REACH RECREATION

- 1. At this point in time, the existing construction contracts in the East Reach are almost all completed. The only remaining area of construction is the Burr Street Phase 2 East and the Griffith levee. (Scheduled completion July 20, 2008)
- 2. Currently, the joint recreation venture with the Army Corps is completed; 90% of the completed East Reach levees have stoned trails completed; the remainder of East Reach trails will be included in the upcoming Recreation Phase II contract.
- 3. Recreation trail re-alignments will be required in the East Reach due to heavy traffic in the proposed crossings at Grant Street and Broadway.

### • Broadway to Harrison Crossing - Stage II-3B - Crossing at Broadway

- a. Additional land, and some construction, will be required to extend a recreation trail along both the sidewalks East and West of Broadway to allow recreation trail continuation.
- b. Upon completion of I.U. Northwest modifications on, and adjacent to, Broadway, we may be able to install a permanent trail crossing south of the river and along the line of flood protection, as originally proposed by the COE

### · Harrison to Grant Street Crossing - Stage II-3C - Crossing at Grant

a. Will cross at 32<sup>nd</sup> Street at the existing stop light and make an initial proposal to go northward along the east side of the Gas City Truck Stop

### 4. EJ&E at-grade crossing - East of Cline Avenue

- A letter was sent to the EJ&E RR on March 11, 2005 requesting them to revisit their requirements which would allow the LCRBDC to install a new atgrade crossing for a recreational trail.
  - a. A letter was received from the EJ&E RR on April 6, 2005 indicating they will not allow an at-grade crossing in this area. They suggest the topography would be most ideal for an under grade crossing.
  - b. It is currently being reviewed by the Corps. Above grade is restricted by real estate and cost, and the nearest at grade crossings are too far away. This would be done as part of the final Recreation Phase II contract.

### D. WEST REACH RECREATION

- 1. Cline Avenue Crossing:
  - LCRBDC has contracted First Group Engineering (Dennis Cobb) to coordinate crossing Cline Avenue at the NIPSCO right-of-way.
    - a. A letter was received from INDOT on March 4, 2005 (dated March 1) indicating they had no objection to this crossing.

### 2. Stage VI-2 (Rec. trail tie-in):

- LCRBDC received a request from the COE on October 13, 2006 regarding the raising of the recreation trail ramp east of the NIPSCO substation east of Liable Road and north of the NIPSCO R/W.
  - a. This area allowed water to pass over the NIPSCO substation during recent heavy rains. COE wants to raise this ramp and extend it to the north NIPSCO R/W (the extent of LCRBDC work limits).
  - b. Meeting held with LCRBDC, NIPSCO, COE, and Highland Parks on October 18 Highland to work with NIPSCO to extend their existing trail from west of Liable to our ramp extension.
  - c. An email was sent to the Highland Parks & Recreation Dept. on December 18, 2006 requesting the status of their real estate, funding, and scheduling.

 d. Highland currently working on easement agreements with NIPSCO, and have contracted out to have design completed. (Refer to Engineering Report)

### 3. Kennedy Avenue Bridge area – Tie in for Stage VI-1 South and Stage V-2

- Will cross over from Highland to Hammond on the new recreational bridge east of the Kennedy Avenue Bridge, which will be constructed as part of Stage V-2 construction.
- The crossing over at Kennedy Avenue will be done at the existing stop light north of the river.

### 4. NSRR - Crossing at Grand Avenue

- After investigation, it was found Highland had not obtained any rights from the NSRR at Grand Avenue.
- It was suggested by the Corps to not confuse other ongoing issues with the NSRR and to pursue it later in the Recreation Phase 2 contract

### 5. Stage VIII Trails:

- The trail alignment in this area has been re-visited by the Buffalo Army Corps and will be coordinated through the review process.
  - a. The Chicago Corps contracted out the Buffalo District to do the Stage VIII design in October 2006.
- Coordination with NICTD for trail along their R/W under I-80/94
  - a. In the Stage VIII review process, NICTD had no problem with the trail crossing their R/W at grade as long as we agree to modify this crossing when they begin their process of the rail extension.

### Little Calumet Recreational Trail MEETING AGENDA

DATE/TIME: March 24, 1-3:00 pm

LOCATION: USACE Calumet Field Office

Conf Room

ATTENDEES: Imad Samara (PM), Jim Pokrajac (LS), Witold Kluza (Lead), Edmund

Karwatka (optional)

PURPOSE: Go over design issues and schedule.

### TOPICS TO DISCUSS:

- 1. Discuss Recreational Trail Crossing:
  - Indianapolis Ave
  - Cline Ave Crossing
  - East of Cline Ave -Railroad crossing
  - 32<sup>nd</sup> Ave and Grant trail location
  - University Parking Trail Location
- 2. Support Area 1 features and requirements.
- 3. Schedule
- 4. Other Design Issues and Local Sponsor Input.

### Jim Pokrajac 🦠

From:

"Jim Pokrajac" <jpokrajac@nirpc.org>

To:

"Kluza, Witold LRC" <Witold.Kluza@usace.army.mil>; "Samara, Imad LRC"

<lmad.Samara@usace.army.mil>; "Karwatka, Edmund J LRC"

<Edmund.J.Karwatka@usace.army.mil>

Cc;

"Kluza, Witold LRC" <Witold.Kluza@usace.army.mil>; "Groboski, John A LRC"

<John.A.Groboski@usace.army.mil>; "Cunningham, Matthew W LRC"

<matthew.w.cunningham@usace.army.mil>; "Bob Huffman" <huffmun@sbcglobal.net>

Sent:

Tuesday, March 25, 2008 10:05 AM

Subject:

Re: Little Cal Recreational Bike Trail (UNCLASSIFIED)

Vito,

I would like to thank you, Imad, and Ed Karwatka for our "kick-off" meeting yesterday. I will pursue some of the issues we discussed as soon as you can provide me with some conceptual layouts for the EJ&E RR, Cline Ave., NSRR crossing West of Kennedy Ave., Burr Street tie in with the Betterment Levees, East of the Gas City Truck Stop, East of Grant, and the potential of crossing at the light on 33rd and Broadway. As you get me these conceptuals, please forward them to me so I can deal with each entity to assure they have no problem with our layouts. Also, I looked at some old notes, and it appears that there may be some trails in the East reach that have to be stoned, or repaired, if possible. I know we didn't talk about it, but we are in the process of trying to turn over these segments to Gary and we have to turn them over in "as-built" condition. Hopefully we can address this. If you need any further information or points of contact, please let me know.

Thanks,

Jim

---- Original Message ----

From: "Kluza, Witold LRC" < Witold Kluza@usace.army.mil> To: "Jim Pokrajac" <jpokrajac@nirpc.org>; "Samara, Imad LRC" <Imad.Samara@usace.army.mil>; "Karwatka, Edmund J LRC"

< Edmund. J. Karwatka@usace.army.mil>; "Edmund Karwatka" < edkarwatka@yahoo.com>

Cc: "Kluza, Witold LRC" < Witold Kluza@usace.army.mil>; "Groboski, John A LRC" < John, A. Groboski@usace.army.mil>; "Cunningham, Matthew W LRC"

<matthew.w.cunningham@usace.army.mil>

Sent: Friday, March 21, 2008 1:51 PM

Subject: Little Cal Recreational Bike Trail (UNCLASSIFIED)

<<03\_24\_2008\_Meeting#localsponsor\_agenda.doc>> We have meeting scheduled for above project on Monday 24, 2008 at 1pm. Please see attached agenda, and

me know if you would like to add an important topic to it. Have a great weekend and I will see you all on Monday.

Witold Kluza Civil Design Section

US Army Corps of Engineers Chicago District 111 N. Canal St, Suite #600 Chicago, IL 60606 Phone: (312) 846-5421

Email: witold.kluza@us.army.mil

3/25/2008

### **MEMORANDUM**

TO:

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

FROM:

LOUIS M. CASALE

SUBJECT:

OUTLINE OF TERMS AND CONDITIONS FOR CONTRACT WITH LAKE ERIE LAND PUMP

FOR WETLAND BANKING.

DATE:

**APRIL 2, 2008** 

A meeting was held between a Committee of the Little Calumet River Basin Development Commission and Officers of the Lake Erie Land Company pertaining to the proposal made by Lake Erie Land Company to the Commission for developing a Wetland Bank on 32 + or – acres in Lake County Indiana owned by the Little Calumet River Basin Development Commission. The proposal is summarized as follows:

- Lake Erie Land Company is willing to enter into a Contract to develop,
  operate and market a mitigation Wetland bank within the 27 to 32 acre
  parcel owned, by the Little Calumet River Basin Development Commission
  in Lake County Indiana adjacent to the existing Lake Erie Wetland
  mitigation bank.
- 2. The Option fee will be \$10,000.00 paid full upon execution of the Option
  Agreement
- 3. The Option would run to January 1, 2009 and would allow Lake Erie Land sufficient time to apply for, and hopefully obtain, necessary permits to develop the Wetland Bank on behalf of the Commission.

4. Upon execution of the Option by Lake Erie Land an additional payment of \$95,000.00 will be made to the Commission.

5. Upon sale of Wetland mitigation credits Lake Erie Land Company will pay the Commission 10% of the proceeds in sales plus place \$750.00 per acre to be held in an escrow account for maintenance of their project.

Louis M. Casale Attorney Little Calumet River Basin Development Commission



### World's Foremost Outfitter's

March 31, 2008

March 31, 2008

Danie Repay, President Hammond Council

Hammond N 46320

Hammond N 46320

Dear Mr. Repay

We are in receipt of the letter dated March 11 2008 to Mr. Dan Gardner regarding standing water in the backyards of the properties to the west of the levy-constructed on our property and east of pay, President of the letter to Dan Gardner of Calumet Ave
Hammond IN 46320

RE Response to March The letter dated March ckyards of the properties to the with off the standing water out of a drainage ditch with Dyer this. RE: Response to March 11th letter to Dan Gardner

Dear Mr. Repay:

We are in receipt of the letter dated March 11, 2008 to Mr. Dan Gardner regarding standing water in the backyards of the properties to the west of the lety constructed on our property and east of Northcote. At our direction, the General Contractor removed the standing water in the fall of 2007 by pumping the standing water out of the yards. It is our intention to permanently remedy the situation by

constructing a drainage ditch to correct the problem. Me will work with Dyer Construction to construct the drainage ditch as soon as the weather and soil conditions permit. In the interim, if there is still a problem, we will have the water pumped out of the

estions of the state of the sta 

 if you have any outside a management of the second of the Respectfully

### WORK STUDY SESSION 9 April 2008

# LAND ACQUISITION COMMITTEE Robert Marszalek, Chairman

(ACTION) There is one condemnation that needs action tonight.

DC 1381 – Ridgeland Park Addition to Munster All Lot 1 & W 5 ft. of Lot 2 We can not locate the landowner for this parcel. Research on tax records and from neighbors has revealed no further information about the landowners. Condemnation is a last resort only.

### STAGE V UPDATE - (Kennedy to Northcote)

The Corps Stage V construction contract was awarded with all acquisitions complete except for two Options (easements not acquired):

DC 1112/1113 owner NIPSCo. W 150' E SW N & S of River. LCRBDC has forwarded the easement agreement to NIPSCO to review and sign if acceptable. The amount of liability insurance seems acceptable to NIPSCo, however they still have questions about liability insurance after construction.

DC 1169 Norfolk Southern Railroad West of Kennedy Avenue Negotiations continue between the Corps and the railroad to decide the locking mechanism issue of inserting it in the actual easement to be recorded or in a separate operation agreement.

### STAGE VII UPDATE - (Northcote to Columbia)

Of the 34 offers sent to landowners:

- 27 landowners have accepted and are recorded.
- 3 condemnations have been filed for landowners we can't locate.
- 2 utilities are reviewing engineering (BP Pipelines and NIPSCo).
- 1 private landowner is still waiting on new Corps mapping that would reduce the square footage of work limits on his property.
  - 1 private acquisition has 11 heirs and we need all 11 signatures to accept the offer to record the easement.

### STAGE VIII UPDATE: (Columbia to Illinois state line)

### Numbers can tell the story:

- 91 acquisitions previously (two new ones have been added for new total of 93.
- previous 91 have been appraised or re-appraised ( we are waiting on 12 reviews)
- 36 offers of 62 total have been sent to private landowners (8 have accepted, two condemnations, in negotiations with remaining)
- 10 offers will be presented to Hammond this Friday 4/11/08
- we are scheduling a meeting with Munster next week to sign 11 offers
- we are scheduling a meeting with INDOT to present 4 offers
- 30 offers are in preparation (7 to be mailed this Friday 4/11/08)

Certal



March 28, 2008

RE: Little Calumet River Basin Development
Commission
Utility Relocations for Stage VIII of the
Little Calumet River Flood Protection and
Recreation Project
SEH No. ALITCA070100

Mr. James Pokrajac LCRBDC 6100 Southport Road Portage, IN 46368

Dear Mr. Pokrajac:

Short Elliott Hendrickson Inc. (SEH<sup>®</sup>) is pleased to submit this Agreement for Phase III of the referenced project for your review and approval. It is anticipated that additional fees will be required for additional phases of this project and these fees will be negotiated at a future date.

### Scope of Services

SEH understands that the LCRBDC is seeking engineering assistance to modify the existing utility drawings provided by the US Army Corps of Engineers for the purpose of identifying the location of each utility that is owned and operated by a municipal and/or private utility in Hammond and Munster from Columbia Avenue to the Indiana-Illinois state line along the Little Calumet River. SEH will provide the following services during the period from April 1, 2008 through May 31, 2008, or until 90 percent of the estimated fee has been incurred, whichever occurs first as Phase III of this project.

- 1. Correct existing information provided by USACE and LCRBDC.
- 2. Reconfirm utilities located in Hammond and Munster, Indiana, as part of the Stage VIII Project based on USACE drawings and field verification.
- 3. Schedule and attend meetings with representative utilities to confirm locations of their utilities.
- 4. Provide a status report in spreadsheet format of activities.

Agreement

The estimated fee for the services is \$19,586 without prior written approval based upon the attached rate table. It is agreed that after 90 percent of the estimated fee has been incurred, SEH will notify the LCRBDC and confer to determine the basis for completing the work. Terms of the work will comply with the attached fee schedule and the attached Standard Terms and Conditions. The term "Owner" as used herein refers to the Little Calumet River Basin Development Commission.

Mr. James Pokrajac March 28, 2008 Page 2

If you approve and accept this Agreement and wish us to proceed with the work, please sign and return one original. We thank you for the opportunity to submit this Agreement and look forward to assisting you with the project.

Sincerely, Dean D. Button	•
Project Manager	
blg PAKCALM.ITCA/Common0701.00/pro in 032808.doc	
Offered By Short Elliott Hendrickson, Inc.	
By: Da Dort	Date: 3/28/09
Dean Button, Project Manager  Approved and Accepted By Little Calumet River Basin Development Commission	
Rv:	Date:

Dan Gardner, Executive Director

Table 1
Stage VIII Utility Coordination

TASK & DESCRIPTION			GRADUATE ENGINEER	SENIOR TECH	CLERICAL	LABOR	EXPENSES <sup>(1)</sup>	TOTAL COST
Engineering Services								
(a) Project Management		10			2	\$1,648	\$36	\$1,684.00
(b) Correction of Drawings		4	64	10	Į	\$6,809	\$234	\$7,042.84
(c) Utility Coordination		24	- 40			\$7,072	\$192	\$7,264.40
(d) Meetings <sup>(2)</sup>		22.5				\$3,488	\$68	\$3,555.00
	Subtotal	61	. 104	10	2	\$19,017	\$530	\$19,546
TOTAL		61	104	10	2	\$19,017	\$530	\$19,546

<sup>(1)</sup> Computer expenses.

<sup>(2)</sup> Amount previously invoiced

### RATE TABLE

### Dated March 28, 2008

### **RATE TABLE**

<u>NAME</u>	CATEGORY	HOURLY RATE Beginning 4-1-08
Dean Button	Project Manager	\$155.00
Rick Trevino	Senior Technician	\$98.00
Richard Piazza	Graduate Engineer	\$83.81
Jason Spain	Technician	\$82.50
Margie Gross	Staff Engineer	\$70.00
Bonnie Gray/Alizabeth McJames	Administrative	\$49.00

PAKOUALITCA\Common\RateTable032808.doc

### STANDARD TERMS AND CONDITIONS

1. <u>INVOICE AND PAYMENT PROCEDURES</u>: SEH shall submit invoices, once a month to the OWNER for Services accomplished during each calendar month.

The OWNER, as OWNER or authorized agent for the OWNER hereby agrees that payment will be made for said Services within forty-five (45) days from the date of the invoice. If an invoice remains unpaid sixty (60) days after the date of the invoice, SEH may, upon giving seven (7) days written notice of its intent to do so, suspend all Services on the OWNER's project. This suspension shall remain in effect until all unpaid invoices are paid in full. If an invoice remains unpaid ninety (90) days after the date of the invoice, SEH may, upon giving seven (7) days written notice of its intent to do so, declare OWNER to be in breach of this Agreement and pursue its remedies for collection.

- 2. CONSTRUCTION SERVICES: If, under this Agreement, professional services are provided during the construction phase of the project, SEH shall not be responsible for or have control over means, methods, techniques, sequences, or procedures; or for safety precautions and programs in connection with the Work. Nor shall SEH be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents or for Contractor's failure to comply with applicable laws, ordinances, rules, or regulations. Under no circumstances will SEH have any direct contractual relationship with the Contractor, any subcontractors, material suppliers or other consultants.
- 3. AGENCY REVIEW: In the event that the plans, specifications, and/or field work covered by this contract are those required by various governmental agencies and in the event that due to change of policy of said agencies after the date of this Agreement, additional office or field work is required, the said additional work shall be paid for by OWNER as extra work.
- 4. CHANGE OF SCOPE: The Scope of Services set forth in this Agreement is based on facts known at the time of this Agreement including, if applicable, information supplied by SEH and OWNER. SEH will promptly notify OWNER of any perceived changes of scope in writing and the parties shall negotiate modifications to this Agreement before commencement of change in scope. No change in scope, contract modifications, or additional fees shall be valid unless agreed to in writing by OWNER and SEH.
- 5. <u>SAFETY</u>: SEH shall establish and maintain programs and procedures for the safety of its employees. SEH specifically disclaims any authority

or responsibility for general job site safety and safety of persons other than SEH employees.

- 6. REUSE OF PROJECT DELIVERABLES: Reuse of any documents or other deliverables, including electronic media, pertaining to the Project by OWNER for any purpose other than that for which such documents or deliverable were originally prepared, or alternation of such documents or deliverables without written verification or adaption by SEH for the specific purpose intended, shall be at OWNER's sole risk.
- 7. INSURANCE: SEH will maintain insurance coverage for Professional, Comprehensive General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with legal, and SEH business, requirements Certificates evidencing such coverage will be provided to OWNER upon request. For projects involving construction,

OWNER agrees to require its construction contractor, if any, to include SEH as an additional insured on its policies relating to the Project. SEH coverages referenced above shall, in such case, be excess over contractor's primary coverage.

- 8. INDEMNITY: To the fullest extent permitted by law, SEH shall indemnify and save harmless from and against loss, liability and damages sustained by OWNER, its employees and representatives by reason of injury or death to persons or damage to tangible property to the extent caused directly by the negligence of SEH or its employees, sub-contractors and assigns.
- 9. PREVAILING PARTY LITIGATION COSTS: In the event any actions are brought to enforce this Agreement, the prevailing party shall be entitled to collect its litigation costs from the other party. Any litigation shall be governed by the laws of the State of Indiana.
- 10. <u>AUTHORITY</u>: The persons signing this Agreement warrant that they have the authority to sign as, or on behalf of, the party for whom they are signing.

### <u>Jim Pokrajac</u>

From:

"Samara, Imad LRC" < Imad.Samara@usace.army.mil>

To:

<dgardner@nirpc.org>

Cc: Sent: "Jim Pokrajac" <jpokrajac@nirpc.org> Tuesday, April 01, 2008 4:41 PM

Subject:

Stage VIII (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Dan,

Just before I go on leave I wanted to let you know that during our last Stage VIII progress meeting it became apparent that utility coordination is on the critical path. I know that Dean button and Jim P. were on the call and there were informed that Dean (from SEH) has a critical task to do to keep the coordination going. I do hope that the LCRBDC do support his effort in getting this done, because if not completed in a timely manner it has the potential of causing delays to the construction contract award.

Dan I do urge you to keep on top of this effort so that we can keep the project on schedule.

### **Thanks**

Imad N Samara
Project Manager
U S Army, Corps of Engineers
111 N Canal Street
Chicago IL, 60606
(W) 312.846.5560
(Cell) 312.860.0123

Classification: UNCLASSIFIED

Caveats: NONE



### APPROVAL TO PAY THE FOLLOWING INVOICES FROM O&M FUND April 2, 2008

- \$3,885.00 to Austgen Electric Inc. for work performed on 10A sluice/flap gate repair/clean
- \$2,285.00 to Austgen Electric Inc. for work performed on 10B flap gate repair/clean
- \$3,112.00 to Austgen Electric Inc. for work performed on 12A sluice gate repair/clean
- \$1,785.00 to Austgen Electric Inc. for work performed on 13A sluice gate repair/clean
- \$2,600.00 to Austgen Electric Inc. for work performed on 17 sluice gate repair/clean
- \$2,575.00 to Austgen Electric Inc. for work performed on 29 flap gate repair/clean
- \$2,575.00 to Austgen Electric Inc. for work performed on 9A flap gate repair/clean
- \$4,125.00 to Austgen Electric Inc. for work performed on 25 sluice/flap gate repair/clean
- \$184.00 to Austgen Electric Inc. for work performed on North Burr Street pump station

# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAM	E OF MEETING: LCRIBBC	DATE: 4-9-08
LOC	ATION: 6100 SouthDONT Rd.	CHAIRMAN: Bill Biller
	ATION: 6100 Southport Rd. Portage PLEASE SI	
	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	Stan Petrites	Highland
2	ImAD SAMBGA	army Caips
3	Susin Brown	Dimes
4	Dean Button	Short Ellioff Hendrickson
5	Elizabeth Johnson	Criegissman Viscliners
6	KARTN LORENZ	SONTHMOOR ROAD
7	RUTH MORES	11 11
8	Barbara Whitaker	1921 Alta Vista Muaste
9	Kimberly Holand	Council woman 46th District Hammona
10	DAN REDAY	5th Dist Council
11	FRANK PETRITES	8200 INDIANAPOLIS 1+16HLAND
12	ERIC Potter	P.T.
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

### **MEMORANDUM**

TO:

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

FROM:

LOUIS M. CASALE

SUBJECT:

OUTLINE OF TERMS AND CONDITIONS FOR CONTRACT WITH LAKE ERIE LAND PUMP

FOR WETLAND BANKING.

DATE:

APRIL 2, 2008

A meeting was held between a Committee of the Little Calumet River Basin Development Commission and Officers of the Lake Erie Land Company pertaining to the proposal made by Lake Erie Land Company to the Commission for developing a Wetland Bank on 32 + or – acres in Lake County Indiana owned by the Little Calumet River Basin Development Commission. The proposal is summarized as follows:

- Lake Erie Land Company is willing to enter into a Contract to develop,
  operate and market a mitigation Wetland bank within the 27 to 32 acre
  parcel owned, by the Little Calumet River Basin Development Commission
  in Lake County Indiana adjacent to the existing Lake Erie Wetland
  mitigation bank.
- The Option fee will be \$10,000.00 paid full upon execution of the Option Agreement
- 3. The Option would run to January 1, 2009 and would allow Lake Erie Land sufficient time to apply for, and hopefully obtain, necessary permits to develop the Wetland Bank on behalf of the Commission.
- Upon execution of the Option by Lake Erie Land an additional payment of \$95,000.00 will be made to the Commission.
- 5. Upon sale of Wetland mitigation credits Lake Erie Land Company will pay the Commission 10% of the proceeds in sales plus place \$750.00 per acre to be held in an escrow account for maintenance of their project.

Louis M. Casale Attorney Little Calumet River Basin Development Commission

### **Recommendation for 2008 for Independent Contractors:**

	<b>2007 Hourly</b>	2008 Hourly
Jim Pokrajac, Agent Engineering/Land Management	\$56.85	\$59.10 4% Increase (+ \$2.25)
Judy Vamos, Agent Land Acquisition	\$41.35	\$43.40 5% Inercase (+ \$2.05)
Lorraine Kray Crediting Technician	\$21.10	\$22.45 6.5% Increase (+ \$1.35)

Motion should state that the new hourly is retroactive back to January 1, 2008



AGREEMENT BETWEEN THE LITTLE CALUMET RIVER DEVELOPMENT COMMISSION AND THE NORTHWESTERN **INDIANA** REGIONAL PLANNING COMMISSION FOR THE PROVISION OF GENERAL SERVICES

BY AGREEMENT MADE AND ENTERED INTO, on the date hereinafter written, by and between the NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION, hereinafter referred to as "NIRPC", and the Little Calumet River Basin Development Commission, hereinafter called the "LCRBDC", under the terms and conditions hereafter set forth, the following is hereby agreed:

- A. NIRPC shall provide the LCRBDC services and assistance as is required by the LCRBDC to carry out its purposes under its enabling statutes, ICS14-6-29.5-1 through 10, inclusive.
  - 1. (1) NIRPC shall assign Daniel Gardner to serve part time in the capacity of Executive Director of the Little Calumet River Basin Development Commission. NIRPC shall assign Sandra Mordus to (\$1,800) serve full time in the capacity of Little Calumet River Basin Development Commission Operations Coordinator. For these services the LCRBDC shall compensate NIRPC nine thousand fifty (\$9,050) dollars per month. This fee is intended to cover direct increase salaries and fringe benefits.

+ #45

2.8%

- (2) NIRPC shall provide the LCRBDC with the provision of space, basic utilities such as gas, electric and water, use of conference and meeting rooms, use of other common facilities, and the provision of reception services including the answering of telephones and greeting of visitors. For these services, the LCRBDC shall compensate NIRPC one thousand one hundred eighty-five (\$1,185) increase dollars per month.
- (3) Should the need arise to replace either of these staff members during the course of the Agreement; it will be done with the mutual consent of both parties to this Agreement. Should either staff member receive a salary increase during the course of this agreement, the amount charged will be increased on a basis equivalent to the percentage salary increase.
- In conjunction with the above designated staff, NIRPC shall provide B. adequate office space and furnishing for their use and make available use of all common facilities within the overall NIRPC offices such as conference and meeting rooms, hallways, restrooms, etc; the provision of basic utilities such as gas, electric and water; and the provision of

reception services including the answering of telephones and greeting of visitors.

- C. In addition to the above designated staff and space, NIRPC shall provide the LCRBDC with three additional 10' by 10' offices and one partitioned space for use by its employees, contractors or agents. For these staff spaces, the LCRBDC shall compensate NIRPC at the rate of these staff spaces, the LCRBDC shall compensate NIRPC at the rate of one thousand two hundred (\$1,200) dollars per month. Should the LCRBDC desire additional space, NIRPC will make it available at a mutually agreed to cost.
- D. NIRPC shall set the salaries for those employees working primarily for the LCRBDC at levels mutually agreed to by the LCRBDC and the NIRPC Executive Director.
- The Executive Director of the LCRBDC will continue to function as Chief E. Staff Officer for the LCRBDC and be responsible for the operational and administrative functioning thereof including, but not limited to, the following:
  - Attendance at all regular and special meetings of the LCRBDC.
  - The conduct and coordination of negotiations for the Local Cooperation Agreement with the Army Corps of Engineers and all necessary State, County and local sub-Agreements to cause the construction and ensure funding of the flood control/recreation project and breakwater project.
  - The negotiation, coordination and/or preparation of all Federal, State and local legislative contracts, hearings and presentations relative to the LCRBDC business.
  - The presentation and negotiation with local municipalities, park boards, highway departments and sanitary boards relating to needed items of cooperation for the flood control, recreation and marina projects along the Little Calumet River.
- F. NIRPC shall provide the following financial management assistance to the LCRBDC and shall be compensated for such service by the LCRBDC at the rate of one thousand six hundred (\$1600) dollars per month.
- (B780) +#870 105% Increas

 Aid the LCRBDC in preparation of its budget and provide accounting services for the receipt, investment and disbursal of its funds, all in accordance with applicable State Board of Accounts guidelines, statute, and guidelines set out by the Commission herein or otherwise.

- Deposit LCRBDC funds in the name of the LCRBDC and in depositories designated the LCRBDC.
- 3. Disburse LCRBDC funds only upon authorization to do so by the LCRBDC and presentation of a State Board of Accounts standard claim form signed by at least two Commission members and approved by the LCRBDC at a regular or special meeting. Checks shall be drawn from an account in the LCRBDC's name and shall be signed by the Treasurer and one other officer.
- 4. Provide monthly financial reports and line item financial accounting of budgeted expenditures.
- An increased amount will be negotiated should the LCRBDC establish a payroll and request NIRPC to administrator it.
- G. The LCRBDC and NIRPC shall work out arrangements for telephone service and equipment in a manner that is mutually agreeable and cost effective to both parties.
- H. NIRPC shall make available use of its postage machine. Actual postage costs shall be billed to the LCRBDC.
- NIRPC shall make available to the LCRBDC the use of its copy machines. Use of this equipment will be billed at the rate of \$5.00 per month plus \$.06 per black & white copies and \$.20 per copy for color copies.
- J. NIRPC shall make available use of its facsimile machine. Use of this equipment shall be billed at the rate of \$5.00 per month plus actual long distance phone charges.
- K. LCRBDC agrees not to install within the NIRPC offices telephone, copier, or facsimile equipment. Any furniture or other equipment installed shall be located within the spaces designated for the exclusive use of the LCRBDC.
- equipment and personnel. Graphics, printing, and clerical time charges will be billed at forty dollars (\$40.00) per hour. No charge will be made for bond paper or miscellaneous printing supplies. However, special order items will be billed as material costs. Such items include, but are not limited to, metal plates, envelopes, binders, labels and other specialty items for printing and graphic work.

- M. NIRPC may make available additional space or other services to the LCRBDC on a direct request basis. NIRPC shall bill the LCRBDC for such services on a basis that is mutually agreed to by the parties.
- N. NIRPC shall provide itemized monthly billings for services performed. Payment shall be due within thirty (30) days after billing.
- O. This agreement shall be effective January 1, 2008 and shall terminate December 31, 2008. However, either party may terminate the agreement at an earlier date by providing written notice of intent at least sixty (60) days prior to an effective termination date, which shall coincide with the last day of a calendar month.

NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION	LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
Ву:	Ву:
<u>-</u>	
John Swanson Executive Director	Chairperson
ATTEST:	ATTEST:
	_
Mary Jane Shkroba	Secretary
Executive Director  ATTEST:	·

April 9

# WORK STUDY SESSION

April 2, 2008

5:30 - 6:00 p.m.

#### **ACTION ITEMS:**

Finance:

- Approval of claims for March 2008
- Approval of O&M claims for March 2008
- Approval of additional Munster claims

#### Report of Finance Committee recommended action:

- Approval of NIRPC contract for administrative Services for 2008
- Approval of Independent Contractors' contracts for 2008
  - **Engineering/Land Management Agent contract**

Cannot locate owner

- **Land Acquisition Agent contract**
- **Crediting Technician Services contract**

Land Acq:

• Action on increased offers?
• Action on condemnations?

#### **Authorizations:**

- SEH to perform critical utility location (Stage VIII)
- · Agreement for proposal regarding 26 acres

· RDA agreement

### **IMPORTANT DISCUSSION:**

Stage VIII Acquisition Progress Status



# PROJECT ENGINEERING MONTHLY STATUS REPORT

# For meeting on Wednesday, April 2, 2008

(Information in this report is based upon latest data provided at the time the report is put together. Dates and costs may vary depending upon ongoing design and/or coordination with the Army Corps)

(Any additional data, or information, regarding modifications to contracts, pay requests, or changes in completion dates is available upon request) Handout to Commissions at April 2, 2008 meeting.

Report period is from February 28 – March 26, 2008)

### **COMPLETED CONSTRUCTION**

#### STATUS (Stage II Phase 1) Harrison to Broadway - North Levee:

1. Project completed on July 10th, 1992.

Dyer Construction – Contract price: \$365,524

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

Project completed on December 1<sup>st</sup>, 1993
 Dyer/Ellas Construction – Contract price: \$1,220,386

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

Project completed on January 13<sup>th</sup>, 1995
 Ramirez & Marsch Construction – Contract price: \$2,275,023

#### STATUS (Stage II Phase 3B) Harrison to Georgia - South Levee:

Project completed in September, 1998.
 Rausch Construction – Contract price: \$3,288, 102

2. Received "as-built" drawings from the Corps on 11/6/06.

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

Project completed in December, 1998.
 WEBB Construction – Contract price: \$3,915,178

### STATUS (Stage II Phase 4) Broadway to MLK Drive - North Levee:

1. Project completed on January 6, 2003.

• Rausch Construction Company - Contract price: \$4,186,070.75

### STATUS (Stage III) Chase to Grant Street:

1. Project completed on May 6<sup>th</sup>, 1994
Kiewit Construction – Contract price: \$6,564,520

# <u>Landscaping Contract – Phase I (This contract includes all completed levee segments)</u> installing, planting zones, seeding, and landscaping):

Project completed June 11, 1999
 Dyer Construction – Final contract cost: \$1,292,066

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

1. Project completed on October 2, 2002.

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• Dyer Construction Company, Inc. - Contract price: \$1,948,053

# <u>STATUS (Stage IV Phase 1 – South) EJ&E Railroad to Burr St., South of the Norfolk Southern RR.):</u>

1. Project completed in November, 2004.

Dyer Construction – Contract price: \$4,285,345

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

- 1. IV-1 (North) The drainage system from Colfax to Burr St. North of the Norfolk Southern RR.
  - Current contract amount \$2,956,964.61
  - Original contract amount \$2,708,720.00
  - Amount overrun \$248,244.60 (9%)
- 2. The only item needed to be completed is to assure turf growth in all areas.
  - Current plantings are for erosion control that will give way to native grasses. Native grasses weren't planned on this contract, but will be needed to be included in an upcoming contract.
  - LCRBDC has a concern with sloughing in the concrete ditch bottom between Colfax and Calhoun.
  - We received a response from the Corps on January 7, 2003, addressing vegetation.
  - Currently, the entire concrete ditch bottom is filled with silt and dirt and has cattails growing. LCRBDC got a cost to clean the concrete bottom of the drainage ditch on August 18 during dry conditions in the amount of \$8,200; and wet conditions in the amount of \$11,640.

A letter will be sent to the COE requesting their participation for a design modification to prevent this sloughing from re-occurring. (The Corps suggested that this issue be addressed as part of the recently completed levee Inspection Reports in August, 2007). Awaiting Corps inspection results.

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

1. Project completed in November, 1998.

Dyer Construction – Contract price: \$3,329,464

2. Received "as-built" drawings from the Corps on 11/6/06.

# <u>STATUS</u> (Betterment Levee – Phase 1) EJ & E RR to, and including Colfax – North of the NIPSCO R/W (Drainage from Arbogast to Colfax, South of NIPSCO R/W):

Project completed in July, 2001.
 Dyer Construction. – Contract price: \$2,228,652

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

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

- 2. Levee certification
  - A meeting was held with FEMA, LCRBDC, and the Corps on July 17, 2007 to review FEMA mapping
  - Minutes were distributed on July 18 (Refer to Item #6 regarding letter of certification need for record).

• Letter of response from Highland on January 30, 2008

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

- 1. Project cost information
  - Current contract amount \$1,873,784.68
  - Original contract amount \$1,657,913.00
  - Amount overrun \$215,971 (13%)

The lift station at the Southwest corner of the existing levee that will handle interior drainage has been completed as part of the Stage III remediation project. Pump station final inspection with the contractor was held on June 23, 2005, and was found to be satisfactory.

- 2. This pump station is in the process of being turned over to the city of Gary for O&M responsibility.
  - A follow-up inspection was held with the COE and Greeley & Hansen on September 4 and 5, 2007.
  - Awaiting Army Corps report to proceed with remediation (Station was found to be operational and up to Corps standards as of September 2007)

#### 3. INDOT Construction at I-65 and I-80/94

- INDOT submitted an email to the Corps on March 6, 2008 indicating their construction may impact some Little Cal culverts in this area.
- Corps indicating they may only prevent backflow and could possibly be abandoned.
- LCRBDC requested Corps review to abandon these because of inaccessibility for inspections or during flood fighting.
- · Corps is checking with IDNR permits to get concurrence to abandon.

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

- 1. The two (2) pump stations included in this contract are S.E. Hessville (Hammond), and 81<sup>st</sup> St. (Highland). Overall contract work is completed.
- 2. Project completed in September 2001.
  Thieneman Construction Contract price: \$2,120,730

#### **North Fifth Avenue Pump Station:**

- 1. The low bidder was Overstreet Construction
  - Current contract amount \$2,518,988.44
  - Original contract amount- \$2,387,500
  - Amount overrun \$114,276 (4.9%)
  - Project is currently 99% completed
- 2. Minor items have been completed.
- 3. A final inspection was held with the COE, town of Highland, and the LCRBDC on September 7, 2007 as part of the O&M turnover.
- 4. Received "as-built" drawings from the Corps on 11/6/06.
- 5. Some minor items need to be addressed before turnover.
- 6. Received monthly construction status report from the COE. (Refer to handout)

#### **STAGE III Drainage Remediation:**

- 1. Project completed on June 23, 2005.
  - A. Dyer Construction Contractor

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- B. Final Inspection June 23, 2005
  - Agreement for O&M turnover to Gary is being finalized (Ongoing) (Refer to O&M Report for details) These (2) stations have been included with the other (4) Gary stations in one process.
- C. Project money status:
  - Original contract estimate \$1,695,822
  - Original contract amount \$1,231,845
  - Current contract amount \$1,625,057
  - Amount overrun \$70,765 (4%)

### **ONGOING CONSTRUCTION**

# <u>Landscaping Contract – Phase II (This contract includes all completed levee segments in the East Reach not landscaped):</u>

- 1. Contract award date June 30, 2004
- 2. Notice to proceed July 29, 2004 (430 days to complete)
- 3. Original contract completion date October 1, 2010
- 4. Bids were opened on June 30 and the low bidder was ECO SYSTEMS, INC.
  - Current Contract Amount \$648,995.23
  - Original Contract Amount \$648,995.23
  - Percent completed 54.7%
  - 104 acres included in bid 100 to be herbicided, remaining 4 acres are ditches.
  - Received approval for incremental funding in the amount of \$141,995 on March 11, 2008.
- 5. A walk-thru inspection was held with the COE and the contractor on October 25, 2005.
  - Scope of work Approximately ½ of East Reach to plant trees, herbiciding has been completed, clean up growth in collector ditches, plant new native grasses on levees.
- 6. Received monthly construction status report from COE

#### STATUS (Betterment Levee - Phase 2 - Gary) Colfax to Burr St.

- 1. The low bidder was Superior Construction Company
  - Original Bid Amount \$2,301,518
  - Current Contract Amount \$2,549,885.15
  - Amount overrun \$248,367 (10.8%)
  - Percent completed 99%
  - Current contract completion date August 24, 2007
- 2. Received monthly construction status report from COE. (Refer to Handout)
- 3. Final inspection was held on May 1, 2007
  - All punch list items were addressed and project is now completed.
- 4. LCRBDC received a copy of the certificate of final completion by Gary on July 25, 2007 (Letter dated July 20, final signing July 23, 2007).
- 5. "As-built" drawings turned over to city of Gary on March 12, 2008 (Refer to O&M Report).

# STATUS (Betterment Levee – Phase 2 - East) North of the NSRR, East of Burr St., and ½ mile East, back South over RR approx. 1400

- 1. This portion of construction was advertised, coordinated, and facilitated by the Corps and LCRBDC as a betterment levee.
- 2. The Army Corps awarded the contract to Dyer Construction Company on February 28, 2007 in the amount of \$3,342,583.22.

- 3. A pre-construction meeting was held on April 4, 2007
- 4. Sheet piling across the NSRR R/W has been completed.
- 5. Corps approved request for total progress payment in the amount of \$2,276,535.02 (paid to date) on March 11, 2008. Balance due date is December 17, 2007.
- 6. Received Modification #2 to contract on March 11, 2008 extending completion date by 10 days due to severe weather (Current date is July 30, 2008)

#### STATUS (Stage V Phase 2) Kennedy Avenue to Northcote

- A. The low bidder was Dyer Construction Company, Inc.
  - Original contract amount \$15,930,348.46 9includes options)
  - Total awarded amount \$13,140,189.41
  - Notice to Proceed issued October 17, 2007
  - Current Contract Completion Date November 20, 2009
  - Total Government Estimate w/o profit \$17,411,799.89
  - \$1,481,452 under estimate (8.5%)
  - 1. A progress meeting was held with the Corps, Dyer Construction, LCRBDC, and various municipalities and utilities on March 5 and again on March 19, 2008. (Minutes are attached)
  - 2. Corps approved request for total payments to date in the amount of \$1,418,762.75 on March 11, 2008. Balance due date is January 30, 2008.
    - Received Modification #1 to contract on March 11, 2008, as request for incremental funding in the amount of \$3,000,000.
    - Received Modification #2 to contract on March 11, 2008 increasing contract amount by \$502,491.56 to add recreational bridge east of Kennedy as option to contract.
    - Received Modification #3 to contract on March 11, 2008 making administrative change to contract to add \$251,245.78 to Federal 50% participation for recreational feature for Kennedy recreation bridge.
- B. Received the file from the Corps of the solicitation documents on September 14 indicating a 750 day duration after the contractor receives their Notice to Proceed. (This projects to a completion date, without weather delays, to approximately November 9, 2009)
  - A letter was written to the Hammond mayor by the Corps (Col. Drolet) on January 18, 2008 discussing scheduling and real estate.

# 1. UTILITY CORRIDOR COORDINATION (NIPSCO R/W)

#### A. LCRBDC Participation

- 1. LCRBDC completed a cost and status summary sheet (to date) as of December 20, 2007 with all the pipelines.
  - > Costs approved by Corps \$ 1,718,534
- 2. Utility Re-location Agreements
  - Received approval from Corps attorney for the utility relocation agreements on February 28, 2008 (We forwarded an agreement we had previously used, and executed, with NIPSCO)
- 3. A current summarization table for the V-2 pipeline corridor has been completed.

#### B. Huntington District Assistance

- 1. General Coordination
  - LCRBDC completed a status summary of current costs and actions on January 18, 2008.

#### 2. Huntington Actions

• Huntington & the LCRBDC put together a one page summary that was forwarded to each pipeline to clarify what their cost estimate should include on October 23, 2007.

#### C. NIPSCO

- 1. Received memo from the Corps dated January 3 from the Huntington District indicating estimate of \$204,551 to be fair and reasonable.
- 2. NIPSCO agreement sent out on March 4, 2008
- 3. Signed NIPSCO agreement was received on March 25, 2008

# 13

#### D. Conoco Phillips Pipe Line

- 1. Received memo from the Corps dated January 14, 2008 from the Huntington District indicating estimate of \$333,000 to be fair and reasonable.
- 2. Conoco Phillips agreement sent out on March 14, 2008

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#### E. <u>Level 3 (formerly Wiltel)</u>

- 1. Had a conference call with the NSRR, Army Corps, and LCRBDC on September 24, 2007 to discuss concerns of the RR for their communications and fiber optic lines.
  - Locations to be verified and engineering drawings have been forwarded to the NSRR by the Corps for their review.
  - Received "as built" information from NSRR on October 30 (Danny Young) and forwarded to Corps on November 2, 2007

### F. Explorer Pipe Line

- 1. Received memo from the Corps dated January 16, 2008 from the Huntington District indicating estimate of \$187,779 to be fair and reasonable.
- 2. Explorer agreement sent out on March 10, 2008

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### G. Wolverine Pipe Line Company

- 1. Received memo from the Corps on 1/18/08 from the Huntington District indicating estimate of \$102,200 to be fair and reasonable.
- 2. Wolverine agreement sent out on March 18, 2008

# 1

#### H. Buckeye Partners

- 1. Received a memo from Corps on December 6, 2007 and an email from Imad concurring that the Buckeye cost estimate for the two (2) 8" pipe lines is fair and reasonable in the total amount of \$441,669.
- 2. Buckeye agreement sent out on March 17, 2008

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#### I. BP Amoco Pipelines

- 1. Received a memo from the Corps on December 6, 2007 and an email from Imad concurring that the BP Amoco pipelines cost estimate for their 8" and 22" pipelines is fair and reasonable in the total amount of \$239,335.
- 2. BP Amoco agreement sent out on March 7, 2008



J. Marathon Pipeline LLC

1. Received cost estimate from Marathon on February 27, 2008 concurring that the Marathon pipeline cost estimate for their 12" and 16" pipelines if fair and reasonable in the total amount of \$210,000.

2. Marathon agreement sent out on March 19, 2008

#### 2. Norfolk Southern Railroad coordination

- The Army Corps contracted Bergman Associates to do the design for the railroad closures north and south of the river, west of Kennedy Avenue, on the NSRR, as part of the V-2 construction.
- Engineering design issues resolved and agreed upon and are included in the current plans and specs.
- Received a letter from Bergmann Associates dated November 9, 2007 with a cost estimate from the NSRR & comments. NSRR track work estimate was \$258,000 over \$200,000 not necessary due to elevation considerations. Also received cost of \$300,000 from NSRR for electronic lock system (with no breakdown). May be able to use existing features along line to eliminate majority of cost. Total estimate \$629,600.
- Received a follow-up letter from Bergmann dated December 7, 2007 with cost information and general comments.
  - > Track work NSRR estimate \$258,000; Bergmann says \$62,000
  - > Communication and Signal NSRR estimate \$300,000; Bergmann agrees based upon similar Missouri installation in 1994 and with no detailed cost summary to review.
  - > If we follow current Bergmann comments, the cost for re-location would be \$362,000
- Received a letter from the Corps to the LCRBDC attorney on February 22, 2008 with their comments regarding the agreement (Refer to Land Acq. Report)

#### 3. INDOT Coordination

- A. A meeting was held with INDOT, Army Corps, and LCRBDC on August 31, 2006 to discuss COE design and project scheduling and funding in the area west of Indianapolis Blvd. and how it will impact their pump station design near the Tri-State bus terminal.
  - Received an email from INDOT on July 25 indicating their project is currently "suspended" and there is no current letting date.
  - An email was sent to INDOT and their design group on November 1, 2007 requesting schedule status of their project in this area. They responded back to us on the same day
  - A letter was sent to INDOT and their consultant on January 24, 2008 requesting an update on their current schedule.

#### B. Pump Station Coordination

regarding their design, and asked for review and comments regarding impacts to our construction.

• The Corps responded back on March 21, 2008 indicating what compliances 24

- 4. A letter was sent to the Highland Fire Chief (Bill Timmer) by the Corps on February 21, 2008 that access ramps for river access would be a betterment.
  - · A meeting was held with Highland and their representatives, the Corps, and the LCRBDC on March 24.

- Several options were discussed including jib cranes, access ramps, and zodiacs. Corps will consider.
- 5. A letter was sent to the LCRBDC on March 11 regarding drainage problems east of Northcote and west of the new Cabela's Northcote levee.

# 28

#### STATUS Stage VI-1 (South) South of the river - Kennedy to Liable

- 1. Low Bidder was Illinois Constructors Corporation (awarded September 30, 2004)
  - Original Contract Amount \$6,503,093.70
  - Current Contract Amount \$7,563,971
  - Amount of Total Payments, to date \$7,038,697.33 (as of 1/21/08)
  - Amount Overrun \$1,064,509 (16.3%)
  - Percent Completed 99%
  - Original Completion Date December 4, 2006
  - Current Completion Date September 5, 2007
- 2. Received monthly construction status report from the COE (Refer to Handout)
- 3. North Drive Pump Station
  - LCRBDC working with COE, contractor, and Highland for O&M turnover to town of Highland (Some items remain to be turned over)
  - LCRBDC received drawings and parts turnover on September 7, 2007
  - Waiting for as-built drawings to begin turnover process to the town of Highland
- 4. The final inspection for this segment was held with the town of Highland, Army Corps, I.C.C. (contractor), and LCRBDC on October 12, 2007
  - LCRBDC in the process of turning over this segment. Awaiting "as-built" drawings from Corps as part of the package.
- 5. Received Modification #9 to contract on 3/11/08 decreasing the contract amount by \$3,630 to change pump station discharge elbows.

#### STATUS (Stage VI - Phase 1-North) Cline to Kennedy - North of the river

- 1. Low bidder was <u>Illinois Constructors Corporation</u> (awarded September 30, 2005)
  - Original Contract Amount \$5,566,871
  - Current Contract Amount \$5,734,158
  - Amount of Total Payments, to date, \$5,238,794 (as of 12/12/07)
  - Amount Overrun \$78,247 (1.5%)
  - Percent Completed 94%
  - Original Complete Date July 21, 2007
  - Current Completion Date November 27, 2007
  - Current completion date extended 65 calendar days due to unusually severe weather as per Modification #2 received on March 2, 2007 (dated February 27, 2007)
- 2. Received monthly construction status report from the COE (Refer to Handout)
- 3. Final inspection was scheduled for December 19, 2007 but was cancelled due to snow. Corps currently re-scheduling
- 4. Received Modification #5 to the contract on 3/11/08. Increased contract amount by \$89,040 due to differing site.
- 5. Received a copy of a letter from Krosan Development dated March 5, 2008 (received March 10) applying for permits to construct from Hammond.

# STATUS (Stage VI – Phase 2) Liable to Cline – South of the river:

- 1. Low bidder was **Dyer Construction** (awarded July 29, 2005)
  - Original Contract Amount \$4,205,644.17
  - Current Contract Amount \$4,219,329

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- Percent Completed 98%
- Original Completion Date April 11, 2007
- Current Completion Date June 1, 2007
- Current completion date extended 51 calendar days due to adverse weather conditions as per Modification #1 on March 2, 2007 (dated February 20, 2007)
- 2. Project Description
  - Construct a levee protection system consisting of 8,250 lineal feet of earthen levee, 1,600 lineal feet of steel sheet pile floodwall, (3) gatewell structures, culverts & sewer appurtenances, and miscellaneous tree planting and seeding.
- 3. Received monthly construction status report from the COE (Refer to Handout)
- 4. The final inspection was held on August 22 with the Corps, Dyer Construction, town of Highland, and the LCRBDC.
  - The overall inspection found few deficiencies. Some seeding and landscaping issues and stone trail herbiciding and grading. Correction will be done in the spring of 2008.

#### STATUS (Stage VII) Northcote to Columbia:

- 1. The final contract with Earth Tech to do the A/E work for this stage/phase of construction was signed and submitted by the COE on December 21st, 1999.
- 2. The schedule shows a June, 2008 contract award and a July, 2009 Completion.
  - The current schedule, as outlined in an email from the Corps on October 26, 2007 indicates 75% plans & specs will be ready for review on April 7, 2008, 100% on June 20, 2008, design complete July 3, 2008, advertise August 12, 2008, and award on September 26, 2008.
- 3. BP Amoco has been pursuing engineering coordination for (3) existing pipelines in Stage VII that will greatly impact design since mid-October, 2007.
  - Corps will begin initial coordination with Amoco early January 2008
- 4. All survey work on both sides of the river has been completed; appraisals are done, and offers are being made. (Refer to Land Acquisition Report)
- 5. A new team has been put together to review and update the engineering (A field walkthru on May 24, 2007).
  - The results of the final engineering review will be forthcoming.
- 6. Stage 7 ALPHA (New gatewell to be installed west of Northcote and north of the river for interior drainage)
  - Submitted comments to Corps on February 21, 2008; received responses same day
  - All real estate available. ROE signed on March 25, 2008 (Refer to Land **Acquisition Report)**

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

- 1. Survey work has been completed and LCRBDC has divided work between DLZ, GLE, and Torrenga Engineering. (Refer to Stage VIII - Land Acq. Report.)
  - Updated real estate drawings were received from Buffalo on January 28, 2008 requiring approximately 30 of 90 surveys to be re-done (Refer to Land Acquisition Report)
- 2. The Chicago Corps indicated to the LCRBDC on September 11, 2006 that their Buffalo District will be doing the engineering and specs for Stage VIII.
  - Received an email from Corps on January 30, 2008 with the most recent, updated schedule for engineering design.
  - Received an updated Stage VIII project schedule for the Buffalo Corps regarding 30 design, dates for advertising, completing plans & specs, and overall project schedule (updated as of 2/15/08)
- 3. SEH has been contracted out by the LCRBDC to provide utility coordination.

- 4. Coordination with residents from Southmoor Road
  - A. A meeting was held with the residents, the Army Corps, and the LCRBDC on October 20, 2007 to review project impacts and design.
    - LCRBDC wrote a letter to the residents on November 20, 2007 giving a current update on the engineering in this area.
    - A meeting with the residents will be held after all offers are sent out. The LCRBDC will re-stake easements in their back yards for discussion at the meeting (Refer to Land Acquisition Report).
- 5. DC-1302 (Unity Church of Christ) has existing septic system behind their building that will be impacted.
  - Met with plumbing contractor on November 9, 2007 to contract out to locate septic and provide proposal to allow church to maintain sanitary.
  - Received letter on November 27 indicating both the holding tank and filter bed are underneath the existing levee and a city hook-up will be needed to allow continued service (not enough real estate is available to install a new septic system).
  - Received a letter from the plumbing contractor on January 8, 2008 indicating his opinion on construction coordination.
  - One estimate was provided by the LCRBDC for the sanitary re-location by removing the septic system. Corps requested at the March 25, 2008 Real Estate meeting, that the LCRBDC approve the estimate for appraisal purposes.
- 6. DC-1315 (NICTD)
  - A conference call was held on November 29, 2007 to discuss the railroad bridge. (Final revised minutes were submitted including Pokrajac comments on November 30, 2007)
  - LCRBDC staff met with NICTD engineering coordinator on December 11, 2007 to field review previous sheet pile installations.
  - Cross-sectional survey data provided to Buffalo & NICTD by LCRBDC (along center line of protection).

#### Mitigation (Construction Portion) for "In Project" Lands:

- 1. Low Bidder was <u>Renewable Resources</u>, <u>Inc.</u> (from Barnesville, Georgia) Awarded September 29, 2002
  - Original Contract Amount \$921,102.68
  - Current Contract Amount \$1,405,845.29
  - Amount Overrun \$484,742 (53%)
  - Percent Completed 98%
  - Original Completion Date November 7, 2007
  - Current Completion Date November 7, 2007
- 2. A final inspection was held on both sites on May 12, 2004, with the Corps, LCRBDC, project A/E, and Renewable Resources and was found to be satisfactory for this portion of the overall project.
- 3. The 24 month monitoring period began on May 15, 2004 (Cost \$3,000/month) (Ongoing)
- 4. Received monthly construction status report from the COE (Refer to Handout)
- 5. Received Modification #25 to contract extending completion date due to unfavorable weather conditions for final burn. New date is January 15, 2008 (Rec'd on 3/11/08)

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

- 1. Low Bidder was Overstreet Construction Company, Inc. (from Milton Florida). Awarded on October 5, 2000
  - Original Contract Amount \$4,638,400
  - Current Contract Amount \$4,262,835.48

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(Refer to Attachment #17-Project Status/Major Issues) at bottom — This amount was reduced due to work not completed and de-obligations.

- Percent Completed 86%
- Original Completion Date October 21, 2004
- 2. The four (4) pump stations that are included in this initial West Reach pump station project are Baring, Walnut, S. Kennedy, and Hohman/Munster.
- 3. Received monthly construction status report from the COE (Refer to Handout)
- 4. HSD wants this contract completed before Pump Station Phase II can begin (Ongoing)
- 5. A meeting was held on February 27, 2008 with the bonding company, Corps, Theineman Construction, and the LCRBDC to discuss the scope of word and preconstruction issues
  - A follow-up email was sent to the Corps on March 21, 2008 requesting status, or if minutes were distributed.

# بوو

# <u>Pump Station Rehabilitation -- Phase 2 (Engineering being done by the Huntington District of the Corps)</u>

#### Pump Station - Phase 2A

Received an email from the Corps on November 19, 2007 indicating that the contract was broken up and that 2A will include pump rebuilds of the (2) smaller stations – Forest Avenue/173<sup>rd</sup> Street, and Tapper Avenue.

- 1. A plan-in-hand meeting was held on November 27 to field review the (2) pump stations in Phase 2A (Forest Avenue and Tapper).
  - An email was sent to the Corps on November 27, 2007 requesting real estate requirements and types of easements (not just work limits)
- 2. A letter of response was sent to the COE on January 9, 2007 from the Hammond Sanitary District indicating a number of concerns from the Pump Station 1A contract, and that they would not proceed any further until these items were answered or addressed.
  - The Army COE responded on January 24, 2007 and indicated they would resolve all of their concerns before any work would be started on this contract.
- 3. LCRBDC submitted comments for the backcheck review on February 21, 2008
  - LCRBDC contracted out SEH (Dean Button) on November 26 to review & comment on the 100% review set including field coordination and analysis, and to work with staff to submit comments.
- 4. LCRBDC contracted out DLZ on September 19, 2007 to do property ownership research for each station to determine what interest the HSD has at each location.
  - They provided the location surveys and easement overlays to Huntington on February 5, 2008 in order to get ROE to work on the stations.
  - LCRBDC used past format for pump stations in getting easements signed & approved on March 19, 2008. Existing legals for permanent levee easements will be modified to exclude the actual pump station buildings as a "Perpetual Pump Station Easement".
- 5. Received the 61 page contract specifications from the Corps on November 19, 2007 for 100% review and comments.

#### Pump Station - Phase 2B

- 1. Received an email from the Corps on November 19, 2007 indicating that the contract was broken up and that 2B will include pump replacements at Indianapolis Blvd., Jackson Avenue, and Southside pump stations.
- 2. DLZ is also currently doing the plats and legals for these (3) stations that will be used in getting easement agreements.

3. Received the 100% BCOE review set from the Army Corps Huntington district on 3/21/08.

#### Griffith Golf Center (North of NIPSCO R/W, East of Cline Avenue)

- 1. LCRBDC was directed by the COE to obtain a flowage easement on the entire property in a letter dated October 7, 2005.
  - Refer to Land Acquisition Report for current update of appraisal.
- 2. A letter was received from the COE on January 13, 2006 indicating any construction shall not compromise our project in any manner and that compensatory flood storage would need to be provided.
- 3. LCRBDC was copied on a letter from U.S. Fish & Wildlife, dated December 8, 2006, indicating they concur that the proposed project is not likely to adversely affect endangered or threatened species.
- 4. The Army Corps sent a letter of response, and a memorandum, to the A/E for the Griffith Golf Center on March 2, 2007, regarding grading and compensatory storage calculations.
- 5. LCRBDC wrote a letter of support to the DNR on June 22, 2007 indicating their plan is compatible with the Little Cal flood control project and provides additional (compensatory) storage for flood waters.
- 6. LCRBDC received a public notice for permit application from V3 (realty agent) dated May 7, 2007 and received May 25, 2007 (copy available upon request).

# <u>Forest Avenue Levee (Levee west of Hohman Ave. along Little Calumet River and Illinois</u> State Line

- 1. Discussion began with residents on August 22, 2006
- 2. Site visit was held with several residents on September 15, 2006
- 3. Had follow up site meeting on November 22, 2006 to discuss the line of protection, Corps requirements, FEMA re-mapping to remove from the flood plain, and LCRBDC responsibilities as local sponsor.
- 4. Email to Corps on December 11, 2006 requesting inspection with Corps to determine requirements for certification. (Corps responded there are tieback issues in Illinois, FEMA needs to be satisfied, and coordination call is needed)
- 5. Received email from Corps on December 15, 2006 indicating this project is not part of Stage VIII and was built locally in the early 1980's, was never certified, and no easements exist.
- 6. Requested information from Hammond City Engineer on May 4, 2007
- 7. Resident sent letter to LCRBDC on October 14, 2007
- 8. Sent "as-builts" to Corps on 2/19/08. Corps responded we need real estate.

#### Griffith Levee (EJ&E RR to Cline Avenue, north of River Drive)

- 1. Received a letter from the Congressman's Office on October 10, 2006 indicating this area has been declared, by the Chicago Army Corps to need structural repairs in order to meet FEMA requirements for certification.
- 2. Received a letter from the COE on August 2 indicating they could not be hired by the Commission to develop a design document to get FEMA certification.
  - This is due to Federal regulations regarding payment to the Corps to do design work for local entities.
- 3. LCRBDC in the process of putting together a scope of work and then soliciting for engineering services to determine what is required by certify this levee (as directed by the Commission at the August 1, 2007 meeting)

- 4. A meeting was held with the town of Griffith and the Corps on February 13 to discuss scheduling, funding, and the process of levee certification
  - LCRBDC sent notes of meeting to attendees on February 14, 2008
  - The Army Corps indicated at this meeting that they would do an inspection this April to determine what information is needed and what is required to certify this section of levee.
- 5. Received infrastructure drawings from the town of Griffith on February 18 (dated February 15) for water, storm, and sanitary lines.
  - Transmitted to Corps on February 19, 2008
  - Received past correspondence, soils information, drawings, permits, IDNR approvals, etc. from the town of Griffith (as prepared by Lawson-Fisher Associates) on February 27, 2008.
  - This was submitted to the Corps on March 14, 2008. It can supplement previous 34 information that can be part of the Corps review after the April inspection.

#### **Hobart Marsh - Mitigation Enhancements**

- 1. Received an email from the COE on January 17, 2007 enclosing the proposed schedule for the Hobart Marsh area mitigation development.
  - Plan development starting February 12, 2007 and construction contract Notice to Proceed December 7, 2007.
  - Currently being re-visited by the Corps for scheduling

#### **GENERAL** (Highway Crediting)

- A. INDOT coordination for Grant St. & Broadway interchanges with I-80/94.
  - 1. INDOT sent a letter to the COE on April 15<sup>th</sup>, 2004, indicating they worked out an agreement with the COE whereby flood control features will be included in their contract at no cost to the Corps, which could be credited to the LCRBDC for that portion constructed for the flood control of the Little Calumet River.
    - A letter was sent to INDOT on August 29, 2006 requesting cost and engineering data that could then be submitted to the COE for crediting.
    - INDOT coordination engineer was contacted on February 26, 2007 for status. They indicated the information has been put together and will be forwarded to the LCRBDC in the near future.
  - 2. The Detroit Corps has agreed to provide assistance to the LCRBDC to get information regarding crediting of several construction projects at interchanges along I-80/94.
    - A meeting, and field inspection, was held with their representative on July 31, and August 1, 2007 to familiarize them with the INDOT construction.
    - They have already obtained some data for Indianapolis Blvd., Cline Avenue, Grant Street, and Georgia.
    - A letter was sent to the Detroit Corps on August 8 discussing our meeting and upcoming coordination.
    - A conference call was held with INDOT, Chicago and Detroit Corps, and LCRBDC on November 29 to discuss the fathering of information and upcoming coordination.
- B. A meeting was held on July 17, 2006 with the LCRBDC, Corps, FEMA, and the IDNR to discuss and coordinate the Little Calumet River model review. Need IDNR approval as required by FEMA guidelines.
  - Minutes of this meeting were sent out and were received on the 27<sup>th</sup> of July.

### C. 27<sup>th</sup> & Chase Street - Pump Station Remediation

- 1. Preliminary design is completed, Corps submitted real estate requests, surveys completed, need right to construct (Refer to Land Acquisition Report).
- 2. As part of the turnover process, the COE has been working with the GSD & United Water to remediate a drainage problem at their existing 27<sup>th</sup> & Chase pump station.
  - Design is ongoing, and the COE anticipates drawings will be ready for review by mid-September. (Ongoing)
    - > Received a request from Gary about getting prints to review.
- D. Question of Design (Flap gate vs. "Duckbills")
  - 1. Received a letter from Austgen Electric (LCRBDC contractor to remediate Gary features to "as-built" condition) on September 8 indicating the problem with existing flap gates. Keeping them clean regularly and getting access is repetitive and expensive.
- E. Received a request from Northwest Engineering on November 14, 2007 for the city of Gary to construct a pump station and force main east of Broadway and north of 33<sup>rd</sup> Avenue.
  - A meeting was held with the Corps and Gary on December 21, 2007. Minutes of this meeting were provided to LCRBDC on December 26, 2007

#### Jim Pokrajac

From:

"Ackerson, Rick D LRC" <Rick.D.Ackerson@usace.army.mil>

To:

"Jim Pokrajac" <jpokrajac@nirpc.org>; "Rochford, William A LRC"

<William.A.Rochford@usace.army.mil>

Cc:

"Schmidt, Joel L LRC" < Joel.L.Schmidt@usace.army.mil>

Sent:

Tuesday, March 18, 2008 1:47 PM

Subject:

RE: I-80/94 Cross Pipe (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Jim,

I will check with IDNR permits to see if they concur with abandonning the structures. I mentioned to Sue Davis, she thinks they probably would be ok with it. If IDNR does concur, I would say they could be abandonned and IDOT could do whatever they want with the structures. I will let you know what I find out.

Thanks,

Rick

----Original Message----

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]

Sent: Tuesday, March 18, 2008 2:09 PM

To: Ackerson, Rick D LRC; Rochford, William A LRC

Cc: Schmidt, Joel L LRC

Subject: Re: I-80/94 Cross Pipe (UNCLASSIFIED)

Rick/Bill.

In the long term picture, will we have to continue to do inspections and maintenance for these structures? Both are in very inaccessable areas and almost anytime it rains it is inaccessable. Are they really necessary as part of the flood control project for the Little Calumet River. The structure in the Northeast quadrant has virtually no direct access, short of constructing some type of platform access sililiar to the Ironwood Pump Station. I know Bill is trying to schedule some type of inspections prior to the end of your 3rd quarter and it would be good to know this in advance.

Thanks again,

Jim

---- Original Message ----

From: "Ackerson, Rick D LRC" < Rick.D. Ackerson@usace.army.mil> To: "Rochford, William A LRC" < William.A.Rochford@usace.army.mil>; <ipokrajac@nirpc.org>

Cc: "Schmidt, Joel L LRC" < Joel.L.Schmidt@usace.army.mil>

Sent: Monday, March 17, 2008 3:20 PM

Subject: RE: I-80/94 Cross Pipe (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Bill/Jim,

I believe these two structures fall outside what is required for FEMA. They were previously included due to permit concerns (project induced stage increases, however, in retrospect, they likely would not have been constructed, except that I was maybe being overly conscientious. On paper and

in reality they do serve a small purpose, but also in reality they are not practical to maintain and operate. We may need to check that if they are included in a permit somewhere, we may need to coordinate to see if they can now be eliminated.

#### Rick

----Original Message----

From: Rochford, William A LRC

Sent: Monday, March 17, 2008 3:14 PM

To: Ackerson, Rick D LRC Cc: Schmidt, Joel L LRC

Subject: RE: I-80/94 Cross Pipe (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Hi Rick,

I don't know if you and Joel have discussed or if you have had a chance to respond to Jim as yet. This sounds like Jim is asking us to perform what Joel has initiated for the Pre-Certification Report for Little Cal.

#### Bill Rochford

(312) 846-5450

william.a.rochford@usace.army.mil

----Original Message----

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]

Sent: Monday, March 10, 2008 4:42 PM

To: Ackerson, Rick D LRC Cc: Rochford, William A LRC

Subject: Re: I-80/94 Cross Pipe (UNCLASSIFIED)

Rick,

Without responding to all, I just wondered about the whole drainage concept in that area and if there is something we could do to remediate some problems

that were part of last years inspection. One culvert goes under I-65 and comes out in the area of the 3 Rivers Park. So much of the time, it is vertually inaccessable because the Permanent Roadway Easement starts from Central Avenue and goes through the East Reach Remediation Area, under I-80/94, and back to the sluice/flap combination. It is diffucult to inspect,

and during heavy rains it gets muddy and has deep areas of standing water. The other culvert goes under I-80/94 East of I-65 and comes out next to the horseranch in the NE Quadrant. This structure is only available for access over a board (no bridge type access was provided during construction) and the

flap gates quite often need cleaning. Are you absolutely sure both of these are needed. Also, do you think it might be possible to coordinate access to both with Indot?

Please let me know,

Jim

----- Original Message -----

From: "Ackerson, Rick D LRC" < Rick.D. Ackerson@usace.army.mil>

To: "Egilmez, Allen" < ALLENE@ucindy.com>

Cc: "Jim Pokrajac" <jpokrajac@nirpc.org>; "Rowe, Mike" <MIKER@ucindy.com>

Sent: Friday, March 07, 2008 9:14 AM

Subject: RE: I-80/94 Cross Pipe (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Allen,

To the best of my knowledge it flows east. The gate is a sluice gate rather than a flap gate. We have decided to abandon that structure, because we do not have good access to get to it to operate it during flood conditions. Flood fight crews are already strapped during flood conditions and it would be a very low priority to close and would likely not be attended to.

Rick

----Original Message----

From: Egilmez, Allen [mailto:ALLENE@ucindy.com]

Sent: Friday, March 07, 2008 9:08 AM

To: Ackerson, Rick D LRC

MINUTES

### PROGRESS MEETING NO. 6

March 5, 2008, 9:00 AM

# LITTLE CALUMET RIVER LOCAL FLOOD PROTECTION W912P6-07-C-0011 STAGE 5 PHASE 2 USACE Field Office, Highland, IN

1. Participants:

USACE:

Sheldon Edd

Scott Babcock

Dver:

Jon Shaner

Tom O'Leary

Other Agencies:

Dennis Simala (North Township)

James Pokrajac (LCRBDC)

Frank Janosi

(NIPSCO)

2. Progress:

Actual thru March 5: 19% \$2.6 M

Scheduled thru March 19 21%

Original Contract Completion Date: November 5, 2009

Original Options Amount: \$15,930,348.46 Original Contract Amount: \$13,140,189.41

Obligated Amount: \$5,000,000.00

Current Required Completion Date: November 5, 2009

Current Approved Change Orders/RFP's: Current Contract Amount: \$13,642,680.97

Payments to Date: \$1,418,762.75

#### 3. Work Since Last Meeting

a. Clearing and grubbing suspended until ground thaws due to slippery slopes. Anticipate re-mobilizing March 17th behind the K-mart/Builder's Square and Cabela's, then move to North Drive.

b. Sheet pile installation in Munster from Pilaster 3 heading West, suspended by contractor.

c. Began setting the piles to final elevations @ 96" area.

d. Hawthorne (Hart Ditch) suspended pending USACE review of change order. Concrete debris was discovered below surface while driving pile. Pile has been installed starting at the South to approximately the USGS Gauging station. USACE still waiting for a complete adjusted proposal from Dyer.

Submitted estimate #2 in the amount of \$1,061,216.37, which would bring the total amount to \$2,479,979.12. (This includes \$847,550 in on-site stored materials as well.) The total compensation due to materials installed on the job and the labors involved thru this estimate is \$1,632,428.86.

# 4. Work Expected or Scheduled Within Next Two Weeks:

a. Driving of Metal Sheet Piling to continue on Hawthorne pending debris removal.

b. Site surveying by V-3 to begin prior to stripping of topsoil.

Setting pile to final elevations with Hayward Baker's impact hammer.

### 5. Critical Work Activities in Project Schedule:

- Submittals: rebar and concrete. Need to submit cold weather concrete plan prior to placing concrete below 40
- b. Sheet Pile installation
- c. Process the check valve to be installed at Hawthorne.

#### 6. Old Business:

- a. Trail by Optimist Lake: NIPSCO needs 14' wide, per Frank Janosi. Utilities, LCRBDC need to ensure adequate access. Jim Pokrajac to coordinate with Utilities
- b. NIPSCO and Railroad R/W being worked on by LCRBDC personnel. Per Jim Pokrajac getting the agreement with the pipelines concerning insurance amount needed will probably be the activity that takes the longest to accomplish.
- Dyer is looking into if and how much the cost would be to add NIPSCO to the contract's insurance policy.



#### **MINUTES**

#### PROGRESS MEETING NO. 6

March 5, 2008, 9:00 AM

- Utilities need to work out their easement behind K-Mart, Builders square. NIPSCO referred to Jim Pokrajac for easement on toe of levee for their legal description. This issue will be handled outside of the contract.
- Phone lines need to be located behind Builders Square, K-Mart.
- ATT (Angelo) has not yet responded to calls concerning the USGS Station on Hart Ditch. Phone is out. Temporary phone line for USGS gaging station - no action has been taken since last progress meeting by ATT.
- g. On North Drive, house power and phone services are entwined in the trees. Clearing can stop at the power lines. Frank and Tom will look at the area to see if a line outage will be necessary for the block or just 2 residences.
- W. Reach ramps for emergency / rescue: LCRBDC to coordinate with Highland. This will not be a cost incurred by the USACE
- Jim Pokrajac requested if the portable operators for sluice gates are ready, that they be delivered. Dyer has submitted shop drawings, and was informed that the operators are on back order. They may be ready approximately 2 months after shop drawings are approved. Sent email to manufacturer to check to make sure the gates are capable of opening and closing in 5 minutes with the portable operators in response to question at meeting. This is a contract requirement.
- Sheet pile lifting hole patching: USACE received request for equitable adjustment on February 19, 2008, pending review. Lifting holes in the flange of the sheet pile section in part of the Baring Ave. I-Wall will need
- k. Hammond Sanitary district will shut off the pumps @ Baring when the coffer dam is installed.

#### 6.1 Concluded Old Business:

a. Power line and other Utility relocation: Munster's power has been relocated, Fire hydrant capped.

#### 7. New Business:

- Delays with the sheetpile installation in Munster, mentioned above.
- b. Discovered existing 96" pipe not in plan location. Per USACE direction, the gap in sheetpile was moved East as to center on the pipe. District office will determine course of action to deal with the pipe's skew as it varies from
- ----c. Have the 8", 6" gas line and the power line, pole @ the sandbag closure @ Northcote been relocated?
  - d. No dewatering is planned by the contractor (Dyer to occur in the utility corridor.
  - e. Need Wicker Park Pump Station pipes repaired by the end of March so that the golf course can begin the irrigation process.
  - f. Jim Pokrajac questioned whether the project will encounter any of the abandoned RR bridge abutments along the utility corridor area. Tom O'Leary stated that he thought that all the old abutments look to be outside of the work area except possibly the very corner of one old abutment.
  - Dyer needs to submit "Critical Lift Plans" in advance of future work.
  - Sheldon to check on whether it is needed to replace 118 feet of 96" RCP at the 96" Gatewell Structure.

# 7.1 Potential Conflicts Requiring Resolution:

- Dyer needs to complete and return the proposal for debris removal at Hart ditch sheet metal drive line.
- 7.2 Potential Items of Public Interest (Opportunities for the USACE Public Affairs Officer to communicate proactively with the media and the public):
- 7.3 Local resident/community official inquiries concerning the job, press releases, and articles in the press:
  - Job personnel should not park personal vehicles anywhere where residents or business may be hampered.
  - Article in Hammond times concerning the tree clearing in Munster, Jim Pokrajac quoted.
- 7.4 Potential Differing Site Conditions / Plan of Action to Verify and Resolve Potential Problems:
  - a. Redesign of 96" gatewell structure to match actual location of 96" existing pipe and sheet pile opening.
- 7.5 Potential problems concerning the plans or specifications

# PROGRESS MEETING NO. 6

March 5, 2008, 9:00 AM

a. Clarified that the railroad abutments are not to be removed, and that the pedestrian bridge abutment is not at the same location as the old railroad bridge (removed.)

### 7.6 Safety of present operations

- a. Metal Sheet Piling
  - Avoid pinch points, using flame safely, and avoiding overhead loads

#### 8. Submittal Status:

# Outstanding Submittals (submittals not returned within 30 days):

- a. A schedule update to USACE. This submittal will not affect construction progress or process
- b. Need to have a critical lift plan for the pedestrian bridges, which will take

#### Key Submittals in Review:

The Calumet Area office/Chicago District office is currently reviewing the following submittals:

- a. Rebar submittals (ongoing)
- b. Cementitious materials
- c. W. of Indy bridge shop drawings
- d. Sluice gates, Flap gates and Portable Operator shop drawings

Note: USACE turnaround of submittals to date has occurred at a timely pace that meets or exceeds the contract requirements and is not cause of delays in progress.

#### **Upcoming Submittals:**

- a. More rebar submittals as suppliers complete areas' drafting/shop drawings
- b. Cold Weather Concrete plan
- c. Sampling plan Wicker Park currently being prepared by K & S Engineers.

#### 9. Field Changes/Modifications:

- a. Access ladder cages need RFP
- b. Fence in Wicker Park 5' chain link & Barb wire to become 6' no barb wire. Contractor to leave fence on North side of Wicker Park such that North Township can secure the area. Need RFP.
- c. North Drive sheet piling lengths USACE sent Dyer the lengths, RFP issued 2-14-08.
- d. Changes in the levy top trail deletion. USACE to clarify, then need RFP.
- e. Buried Debris at Hawthorne Dr. RFP issued (Field Change Order # SS011) on 2-26-08
- Change from plan in location of existing 96" pipe behind K Mart shift the gap in the sheet piling 23' East. Have rebar detailer hold off on this area as the district will need to have it re-designed. Sheldon will look into whether or not the 96" pipe will still need to be replaced. Due to change prior to letting in anticipated loading. Skewed 96" pipe behind K-Mart - USACE District to modify design; RFP?
- h. A change order is in the works to demolish the USGS gaging station; and add riprap to the west bank of Hart Ditch; RFP needed.

The next progress meeting is scheduled for March 19, 2008, at 9:00 a.m. Central Time at the temporary field office on Kennedy in Highland. Dyer Construction will email participants of the meeting.

NOTE: Any comments or questions concerning this document should be directed to the USACE representative Sheldon Edd at 219-923-1763/4 or sheldon.d.edd@usace.army.mil or the Dyer Construction representative Jon Shaner at 219-865-2961 or ishaner@dyerconstruction.com.



#### MINUTES

### PROGRESS MEETING NO. 7

March 19, 2008, 9:00 AM

# LITTLE CALUMET RIVER LOCAL FLOOD PROTECTION W912P6-07-C-0011 STAGE 5 PHASE 2 USACE Field Office, Highland, IN

#### 1. Participants:

USACE:

Sheldon Edd

**Bob Craib** 

Doug Anderson

Dyer:

Jon Shaner

Tom O'Leary

Other Agencies:

John Bach

(Highland)

Dennis Simala James Pokrajac

(North Township) (LCRBDC)

Bill Timmer

(Highland Fire)

2. Progress:

Actual thru March 19: 21% \$2.8 M

Scheduled thru April 2 22%

Original Contract Completion Date: November 5, 2009

Original Options Amount: \$15,930,348.46 Original Contract Amount: \$13,140,189.41

Obligated Amount: \$5,000,000.00

Current Required Completion Date: November 5, 2009

Current Approved Change Orders/RFP's:

Current Contract Amount: \$13,642,680.97 Payments to Date: \$2,479,979.12

#### 3. Work Since Last Meeting

Clearing and grubbing resumed. Re-mobilized at North Drive and then Optimist, then Cabelas. Chipping will start on Thursday at North Drive. Stone was placed to prevent soil from being tracked onto Kennedy Ave.

Sheet pile installation in Munster from Pilaster 3 heading West, suspended by contractor, no efforts here. Pile at Hawthorne (Hart) have been driven, all are installed.

Set the piles to final elevations @ 96" area.

d. Hawthorne (Hart Ditch) change order for concrete removal work submitted.

### 4. Work Expected or Scheduled Within Next Two Weeks:

a. Site surveying by V-3 prior to stripping of topsoil began last week.

### 5. Critical Work Activities in Project Schedule:

a. Submittals: rebar - wall areas to be resubmitted per mark-ups. Concrete - aggregates (resubmit).

Clearing and Grubbing - North Drive must be complete to begin sheet pile installation here.

Sheet Pile installation

d. Check valve to be installed at Hawthorne - size different from plan, order pending RFI.

#### 6. Old Business:

a. Trail by Optimist Lake: NIPSCO needs 14' wide, per Frank Janosi. Utilities, LCRBDC need to ensure adequate access. Jim Pokrajac to coordinate with Utilities. Janosi is hoping to talk to Matt Cunningham tomorrow regarding the area at Northcote and the river. Table this point until additional information is obtained.

b. NIPSCO and Railroad R/W being worked on by LCRBDC personnel. Insurance agreements are critical. It will not cost any extra to add NIPSCO or other pipelines to the contract's insurance policy. Table this point until additional information is obtained.

Phone lines need to be moved within 1 month behind Builders Square, K-Mart. Note that there is an existing electric box in the middle of the proposed levy. Update: Janosi still waiting for an Autocad drawing from Matt Cunningham for the area behind Kmart.

### PROGRESS MEETING NO. 7

March 19, 2008, 9:00 AM

- d. Temporary phone line for USGS gauging station there appears to be a line connecting to the gaging station above ground. Table this point until additional information is obtained.
- On North Drive, house power and phone services are entwined in the trees. Clearing can be stopped at the power lines. Discussed and resolved.
- W. Reach ramps for emergency / rescue: LCRBDC to coordinate with Highland. This will not be a cost incurred by the USACE. Bill Timmer and Imad have a meeting scheduled for next Monday at 8:30. Table this point until additional information is obtained.
- Jim Pokrajac requested if the portable operators for sluice gates are ready, that they be delivered. Dyer has returned shop drawings for sluice and flap gates and the operator to Waterman to be revised, and was informed that the operators are on back order. They may be ready approximately 2 months after shop drawings are approved. Sent email to manufacturer to check to make sure the gates are capable of opening and closing in the contract required 5 minutes with the portable operators. LCRBDC would like to have O & M manuals for the operators. Table this point after this meeting until new information comes in.
- h. Existing 96" pipe not in plan location. Per USACE direction, the gap in sheetpile was moved East as to center on the pipe. District office re-design of the structure per the field-located pipe is targeted to be complete by April 18th
- USACE looking into if the 118' of 96" RCP @ the 96" gatewell structure needs to be replaced.
- Need Wicker Park Pump Station pipes repaired by +/- 2 weeks so that the golf course can begin the irrigation process.
- The 8", 6" gas line and the power line, pole @ the sandbag closure @ Northcote relocation any updates: k.
- Update: Janosi is still waiting for a crew to finish the electric service for Wicker Park. The crew supervisor said he will try to squeeze it this week, but it is a short week due to Good Friday. He is aware of the park needing service restored by the end of the month.
- m. Update: Janosi will need to submit the plans/estimate to the Army Corp for the electric relocate in the Nipsco R/W west of Kennedy. The estimates are almost complete for their review.

#### 7. New Business:

- 18" Corrugated pipe not on plans discovered to have been severed by sheet piling at Parkway Drive. Tom and Dennis Simala met Monday to look at pipe - it is a drain for the park. Per Dennis Simala, as long as the pipe
- b. Highland removed the sign West of Kennedy, South of the River that reading Welcome to Highland.
- c. Public continues to walk around Parkway Drive despite signs posted indicating that the area is closed to the public. Areas are posted with signs from the Army corps and Wicker Park and with type III's and Road Closed signs. Utilizing local law enforcement may be necessary.

#### 7.1 Potential Conflicts Requiring Resolution:

- Revision #3 for the proposal for debris removal at Hart ditch sheet metal drive line submitted to USACE.
- Are the trees at River drive previously flagged to be kept and more recently identified as trees for removal going to be removed? Homer will be completing it's use of its tree felling equipment shortly.
- Existing gas lines and poles at Northcote
- 7.2 Potential Items of Public Interest (Opportunities for the USACE Public Affairs Officer to communicate proactively with the media and the public):
- 7.3 Local resident/community official inquiries concerning the job, press releases, and articles in the press:
  - a. Trucks in Munster utilizing roadways not approved in traffic control plan were discussed and resolved.
- 7.4 Potential Differing Site Conditions / Plan of Action to Verify and Resolve Potential Problems:
  - a. Existing 96" pipe not in plan location. Per USACE direction, the gap in sheetpile was moved East as to center on the pipe. District office re-design of the structure per the field-located pipe is targeted to be complete by April 18th.



#### **MINUTES**

### PROGRESS MEETING NO. 7

March 19, 2008, 9:00 AM

7.5 Potential problems concerning the plans or specifications

a.

#### 7.6 Safety of present operations

- a. Metal Sheet Piling
  - i. Avoid pinch points, using flame safely, and avoiding overhead loads
- b. Clearing and Grubbing
  - i. Use chainsaws properly
  - ii. Avoid pinch points and flying debris
  - iii. Watch overhead load and falling objects
- c. Site surveying
  - iv. Use PPE including Hard hats.

#### 8. Submittal Status:

### Outstanding Submittals (submittals not returned within 30 days):

a. A schedule update to USACE. This submittal will not affect construction progress or process.

#### Key Submittals in Review:

The Calumet Area office/Chicago District office is currently reviewing the following submittals:

- a. Pedestrian bridge submittals
- b. Clay source Austgen (Hobart) and Krooswyk pits
- c. Rebar submittals (ongoing)
- d. Various RFI's

Note: USACE turnaround of submittals to date has occurred at a timely pace that meets or exceeds the contract requirements and is not cause of delays in progress.

#### **Upcoming Submittals:**

- a. More rebar submittals as suppliers complete areas' drafting/shop drawings
- b. Cold Weather Concrete plan
- c. Sampling plan Wicker Park currently being prepared by K & S Engineers.

#### 9. Field Changes/Modifications:

- a. Access ladder cages RFP-0003 sent to contractor on March 17, 2008
- b. Fence in Wicker Park 5' chain link & Barb wire to become 6' no barb wire. Contractor to leave fence on North side of Wicker Park such that North Township can secure the area. Need RFP.
- c. North Drive sheet piling lengths USACE sent Dyer the lengths, RFP #0001 issued 2-14-08.
- d. Changes in the levy top trail deletion. USACE to clarify, then need RFP.
- e. Buried Debris at Hawthorne Dr. RFP #0002 issued (Field Change Order # SS011) on 2-26-08
- f. Sheldon will look into whether or not the 96" pipe will still need to be replaced. Due to change prior to letting in anticipated loading.
- g. Change from plan in location and skew of existing 96" pipe behind K Mart shift the gap in the sheet piling 23' East. Have rebar detailer hold off on this area as the district will need to have it re-designed by USACE District; RFP?
- h. A change order is in the works to demolish the USGS gaging station; and add riprap to the west bank of Hart Ditch; RFP needed.
- Sheet pile lifting hole patching: USACE received request for equitable adjustment on February 19, 2008, pending review. Lifting holes in the flange of the sheet pile section in part of the Baring Ave. I-Wall will need to be patched.

### Jim Pokrajac

From:

"Sabo, Kimberly J LRC" < Kimberly.J.Sabo@usace.army.mil>

To:

"Sabo, Kimberly J LRC" <Kimberly.J.Sabo@usace.army.mil>; "Samara, Imad LRC"

<lmad.Samara@usace.army.mil>

Cc:

"Jim Pokrajac" <jpokrajac@nirpc.org>; "Kotwicki, Victor L LRE"

<Victor.L.Kotwicki@usace.army.mil>; "Erwin, Don C LRE" <Don.C.Erwin@usace.army.mil>; "Lou

Casale" <lcasale@cwblawfirm.com>

Sent: Subject: Thursday, February 28, 2008 2:07 PM

---,---

RE: NIPSCO Utility Relo Agreement (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

I just spoke with Lou Casale, and he explained that the last provision VI was mistakenly attached, and will be removed. He also indicated that the attached letter was not relevant to the agreement, and will be removed. Thus, there is no conflict between the estimate in the letter and the estimate in the agreement. I have no further comments, and the agreement is fine. Thanks.

Kim J. Sabo

District Counsel, Chicago District, US Army Corps of Engineers

111 N. Canal St., #600, Chicago, IL 60606-7206

Phone: (312) 846-5350 Fax: (312) 353-8710

Email: kimberly.j.sabo@usace.army.mil

Attorney-Client Privileged Communication Attorney Work Product Not Releaseable under FOIA Do Not Copy Do Not Forward

----Original Message----

From: Sabo, Kimberly J LRC

Sent: Wednesday, February 27, 2008 5:11 PM

To: Samara, Imad LRC

Cc: 'Jim Pokrajac'; Kotwicki, Victor L LRE; Erwin, Don C LRE; 'Lou Casale'

Subject: RE: NIPSCO Utility Relo Agreement (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

The content of the agreement seems fine to me. However, why is there an additional provision VI tacked on to the end of the document after the signatures? Is this part of the agreement? Why isn't it up in the body of the agreement? Thanks!

Kim J. Sabo

District Counsel, Chicago District, US Army Corps of Engineers

111 N. Canal St., #600, Chicago, IL 60606-7206

Phone: (312) 846-5350 Fax: (312) 353-8710

STAGE V - PHASE 2

Г		1		NIPSCO R/W - PIPELINE CORRIDOR							
1			1 '		HUNTINGTON		ARMY	ACDEEMEN	AGREEMENT		
- 1			1	•	APPROVED AND	)	CORPS	SENT			
- 1	COMPANY		. ' •	1	SENT TO		APPROVAL		APPROVED		
·∤−	Buckeye Partners	PRIME CONTACT	PIPE SIZE	EST. COST	CHICAGO	LOCAL CONTACT			BY		
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- 1	Breinigsville PA 18031	(Re-location Engineer)		`	'	(219) 989-8603			l		
-[		(484) 232-4303		1		Al Kosior (Engineer)	1		· .		
					<u>i</u>	akoslor@buckeve.com	,				
Г	Buckeye Pariners	Don Samala		<del> </del>	<u> </u>	(219) 397-3656 (Ext.25)			Į .		
- 1	9999 Hamilton Blvd	dsamala@buckeve.com	14"			Gene Pugh (Field Rep)			<del></del>		
- [	Tek #5	(Re-location Engineer)	(Formerly	\$117,456.00	12/6/2007	(219) 781-6357 (cell)	1	-			
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<u> </u>		<u>                                      </u>	<b>]</b> .			akosior@buckeve.com	]				
- 1	Buckeye Partners	Don Samala				(219) 397-3656 (Ext.25)					
	9999 Hamilton Blvd	dsamala@buckeve.com	8*	\$60,878.00		Gene Pugh (Field Rep)					
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┢	BP Amoco	line)		<u></u>		akosion@buckeve.com (219) 397-3656 Ext.25			`		
1	8230 Whitcomb	Dane Graham dane.graham@bp.com	8"	\$119,667.50		Ms. Marcie Foster					
1	Merrillville IN 46410	(630) 414-0011 (cell)	(H. of East	;	·	R/W Specialist	1		1		
1		(030) 414-0011 (Cell)	NIPSCO R/W Line)	<del></del>	(From BP Amoco on	marcle.foster@bp.com			[		
ł			22"	****	12/6/07)	Main Office:	12/6/2007	3/7/2008	l l		
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1			•	1		Warrenville IL 60555	1		i		
$\vdash$		<u></u>				(630) 836-3461	ŀ	- 1			
1	Wolverine	Fred Hipshear	16"		<del>- ;  </del> -	(630) 836-3585 (fax)	<u></u>		Ī		
1	(formerly EXXON/Mobil)	(269) 323-2491	18*	.: 1		Scott Smith	· -				
1	8075 Creekside Drive	(Ext. #24)		\$102,200.00	August 7, 2007	Damage Prevention Specialist	I	i	i		
1	Suite 210	(269) 217-5158 (cell)		,,,,,,,,,,	710gust 7, 2007	scott_smith@wplco.com	1/18/2008	3/18/2008	ſ		
⊢	Portage MI 49024 NIPSCO	fred hipshear@wplco.com				(815) 838-8160 (815) 325-5357 (cell)		4.	Ė		
1	801 E. 86th Avenue	Mark Pasyk	8 <sup>rr</sup>	9		Frank Janosi			<u> </u>		
ĺ	Merrillville IN 46410	(219) 647-4299		\$204.551.00	August 26, 2007	Electric Tansmission Engineer	. 1				
. '		mlpasyk@nlsource.com	30*	j		(219) 886-5560.	1/3/2008				
1		, 1		ļ	<b>F</b>	Neal Arndt	1/3/2008	3/4/2008	3/20/2008		
1	ľ	,	!	ł	,	Gas Transmission Engineer	- 1	· ]	į.		
Ľ				. '	. I	neamdt@nirsource.com	, l		[		
			<del></del>		<u>:</u>	(219) 647-4779	J		<b>1</b>		

#### STAGE V - PHASE 2 NORFOLK-SOUTHERN R/W - RAILROAD AND PIPELINE CORRIDOR

Γ	<b>y</b>				HUNTINGTON		ARMY	AGREEMENT	AGREEMENT
	•				APPROVED AND		CORPS	SENT	APPROVED
	•				SENT TO		APPROVAL	то	BY
<u>.</u>	COMPANY	PRIME CONTACT	PIPE SIZE	EST. COST	CHICAGO	LOCAL CONTACT	DATE	UTILITY	UTILITY
	Norfolk Southern	Danny Young	6"Steel Conduit				· · · · · · · · · · · · · · · · · · ·		
	Railway Company	404-915-1380	w/Comm. Lines			-	**		
1	1200 Peachtree Street	(Coordinates with	(located approx. 10'.	Note: This line needs to be identified for use			•		
1	N.Ę. 12th Floor	Mark Sawyer) ,	E. of East set				!		
1	Atlanta GA 30309	•	of rails)						
١			j	-	•				
ŀ	Conoco Phillips	Bob Hardt	8*		-	Gary Hanten		-	
	Pipe Line Company	bob.l.hardt@conocophillips.com	(Located West of			gary.l.hanten@conocophillips.com		=	
	P. O. Box 277	(636) 391-1660	NSRR R/W	\$333,000.00	August 7, 2007	400 E. Columbus Drive	1/14/2008	3/17/2008	
ı	Baldwin MO 63022		easement line)			East Chicago IN 46312			
ŀ		•	8" on NSRR R/W		i	(219) 397-6666 Ext.304			
1	Explorer Pipeline	Patrick Nwakoby	24"		···	Alton Ryals			-
	P. O. Box 2650	(918) 493-5172	(Located East of	\$187,779.22	August 7, 2007	Hammond Area Supervisor		5	
ı	Tulsa OK 74101-2650	·	NSRR Embankment)	÷		3737 Michigan Street	1/16/2008	3/10/2008	
ı						Hammond IN 46323-1202			
		·		• •		(219) 989-8262 (219) 712-4573 (cell)			
r	Marathon Ashland	Dave Woodsmall	12" ·	- <del></del>		Steve Woods (Land Agent)	_		<del></del> -
ŀ	Pipelines	(219) 477-4001	16"	÷		(217) 382-2248			
-	3106 Kickbush Dr.	(219) 508-3928 (cell)	(Located East of	\$210,000.00	February 14, 2008	(812) 249-0445 (cell)	2/27/2008	3/19/2008	
1	Valparaiso IN 46385		toe of Embankment)		•	Ryan Bandy (Engineering Coord.)			
		•				Fransworth Group		-	•
Ŀ						(314) 962-7901 Ext. 225			<u> </u>
ľ	evel 3 Communications, LLC	Keith Osborn Network Infrastructure Services	Communications			Oscar Rios			
١.	"T-Cubed" (formerly Wiltel) 1025 Eldorado Blvd.	keith.osborn@level3.com	Line in 10" PVC (Located East of	•		Lake County Rep (219) 712-0731		<u>.</u>	
	Broomfield CO 80021	(720) 888-2774	(Located East of NSRR Embankment)			Danny Young		_	
	Discontinue CO 60021	(120) 000-2117	TYDICK Embankinem)			(404) 915-1380			
1						(Coordinates with			
ł				<u>.                                    </u>		Mark Sawyer)			





6100 Southport Road Portage, Indiana 46368

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

March 4,2008

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS

Dept. of Natural Resources'

Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney Mr. Mark L. Pasyk NIPSCO Utility Highway Affairs 801 E. 86<sup>th</sup> Avenue Merrillville, Indiana 46410

Dear Mark:

Enclosed please find four (4) copies of the agreement between NIPSCO and the Development Commission to install weld reinforcing sleeves on the 30", 12", and 8" gas lines west of Kennedy Avenue at the Little Calumet River in Hammond and Highland, IN. These sleeves will provide reinforcement to the welds during pile driving for I-wall, split CSG underramp. This agreement will be at an estimated cost of \$204,551, based upon your estimate dated December 27, 2007, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch, and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by NIPSCO officials and then return two (2) copies back to our office. We will notify you when this work will commence. We are in the process of entering into agreements with the other individual pipelines on your right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Sincerely,

James E. Pokrajac, Agent Engineering/Land Management

/sjm encl. cc. Lou Casale, LCRBDC attorney

13



A NiSource Company

801 E. 86th Avenue Merrillville, IN 46410

Northern Indiana Public Service Company Utility Highway Affairs

RECEIVED MAR 2 5 2008

March 24, 2008

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

Dear Jim:

Enclosed are three (3) fully executed copies of the Agreement between NIPSCO and the Development Commission (dated March 20, 2008) to install weld reinforcing sleeves on the 30", 12" and 8" gas lines West of Kennedy Avenue at the Little Calumet River in Hammond and Highland, Indiana.

We have retained one (1) fully executed copy of this Agreement for our files.

If you have any questions concerning this matter, please feel free to contact me at (219) 662-4224.

Sincerely,

Mark L. Pasyk

**Ütility Highway Affairs** 

MLP:ch



6100 Southport Road Portage, Indiana 46368 (219) 763-0696 Fax (219) 762-1653 E-mail: littlecal@nirpc.org

March 14,2008

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS Dept. of Natural Resources' Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

**LOU CASALE** Attorney

Mr. Robert Hardt CONOCO PHILLIPS PIPELINE COMPANY P. O. Box 277 Baldwin, Missouri 63022

Dear Mr. Hardt:

Enclosed please find four (4) copies of the agreement between CONOCO PHILLIPS Pipeline Company and the Development Commission for safety oversite, area security for exposed pipelines, maintain pipeline operations, maintain and install cathodic protection, and assure CONOCO PHILLIPS safety and protection requirements are implemented. All of this work will be coordinated to accommodate the installation of our sheet piling both north and south of the Little Calumet River west of Kennedy Avenue in Hammond and Highland, IN. This agreement will be at an estimated cost of \$333,000.00, based upon your estimate dated January 14, 2008, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch (to the west of Indianapolis Blvd), and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by CONOCO PHILLIPS Pipeline Company officials and then return two (2) copies back to our office. We will notify you when this work will commence. It is also our intent to have a special preconstruction meeting with all the pipelines and utilities in this corridor prior to the start of construction on both the NIPSCO and Norfolk Southern right-ofways. We are in the process of entering into agreements with the other individual pipelines on the Norfolk Southern right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Engineering/Land Management

/sjm

Gary Hanten, Conoco Phillips, East Chicago office Lou Casale, LCRBDC attorney /S



6100 Southport Road Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1653 E-mail: littlecal@nirpc.org March 10,2008

WILLIAM BILLER, Chairman Governor's Appointment

Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS Dept. of Natural Resources' Appointment

**ROBERT HUFFMAN** Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney

Mr. Patrick Nwakoby ROBERT MARSZALEK, Vice Chairman EXPLORER PIPELINE P. O. Box 2650 Tulsa, Oklahoma 74101-2650

Dear Mr. Nwakoby:

Enclosed please find four (4) copies of the agreement between EXPLORER PIPELINE COMPANY and the Development Commission for your inspection of your 24" pipeline, provide cathodic protection as necessary, and provide necessary work for the pipeline to accommodate the installation of our sheet piling both north and south of the Little Calumet River west of Kennedy Avenue in Hammond and Highland, IN. This agreement will be at an estimated cost of \$187,779.22, based upon your estimate, reference number 647, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch (to the west of Indianapolis Blvd), and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by Explorer Pipeline Company officials and then return two (2) copies back to our office. We will notify you when this work will commence. It is also our intent to have a special pre-construction meeting with all the pipelines and utilities in this corridor prior to the start of construction on both the NIPSCO and Norfolk Southern right-of-ways. We are in the process of entering into agreements with the other individual pipelines on the Norfolk Southern right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Sincerely,

Engineering/Land Management

/sjm encl.

> Alton Ryals, Explorer, Hammond Office Lou Casale, LCRBDC attorney



6100 Southport Road Portage, Indiana 46368 (219) 763-0696 Fax (219) 762-1653 E-mail: littlecal@nirpc.org

March 18,2008

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment )

STEVE DAVIS Dept. of Natural Resources' Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney

Mr. Fred Hipshear WOLVERINE PIPE LINE COMPANY 8105 Valleywood Portage, Michigan 49024

Dear Fred:

Enclosed please find four (4) copies of the agreement between WOLVERINE PIPE LINE COMPANY and the Development Commission for excavation, inspection, and placement of compacted fill for the area adjacent to the 16" and 18" pipelines, and to assure WOLVERINE safety and protection requirements are implemented. All of this work will be coordinated to accommodate the installation of our sheet piling both north and south of the Little Calumet River west of Kennedy Avenue in Hammond and Highland, IN, adjacent to and bridging above your pipe lines. This agreement will be at an estimated cost of \$102,200.00, based upon your estimate dated January 17, 2008, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch (to the west of Indianapolis Blvd), and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by WOLVERINE Pipe line Company officials and then return two (2) copies back to our office. We will notify you when this work will commence. It is also our intent to have a special pre-construction meeting with all the pipelines and utilities in this corridor prior to the start of construction on both the NIPSCO and Norfolk Southern right-of-ways. We are in the process of entering into agreements with the other individual pipelines on the NIPSCO right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Sincerely,

James E. Pokrajac, Agent Engineering/Land Management

/sjm encl.

Scott Smith, Wolverine Lou Casale, LCRBDC attorney



6100 Southport Road Portage, Indiana 46368

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

March 17,2008

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS
Dept. of Natural Resources'
Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney Mr. Don Samala Buckeye Partners, L.P. 9999 Hamilton Blvd. Tek #5 Breinigsville, Pennsylvania 18031

Dear Don:

Enclosed please find four (4) copies of the agreement between Buckeye Partners, L.P. and the Development Commission for excavation, inspection, and compacted fill for the (2) 8" pipelines, the 10", and the 14" pipeline located in the area of our sheet piling, and to assure Buckeye Partners safety and protection requirements are implemented. All of this work will be coordinated to accommodate the installation of our sheet piling both north and south of the Little Calumet River west of Kennedy Avenue in Hammond and Highland, IN. This agreement will be at a total estimated cost of \$441,669.00, based upon your estimate dated November 16, 2007, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch (to the west of Indianapolis Blvd), and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by Buckeye Partners officials and then return two (2) copies back to our office. We will notify you when this work will commence. It is also our intent to have a special pre-construction meeting with all the pipelines and utilities in this corridor prior to the start of construction on both the NIPSCO and Norfolk Southern right-of-ways. We are in the process of entering into agreements with the other individual pipelines on the NIPSCO right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Sincerely,

James E. Pokrajac, Agent Engineering/Land Management

/sjm encl.

> Gene Pugh, Buckeye Partners Al Kosior, Buckeye Partners Lou Casale, LCRBDC attorney

18



6100 Southport Road Portage, Indiana 46368

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

March 7,2008

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS
Dept. of Natural Resources'
Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney Ms. Marcie Foster Right-of-Way Specialist 28100 Torch Parkway Suite 600 Warrenville, Illinois 60555

Dear Ms. Foster:

Enclosed please find four (4) copies of the agreement between BP Pipelines and the Development Commission of mobilization/demobilization for pipeline excavation and backfill for your 8" and 22" pipelines west of Kennedy Avenue at the Little Calumet River in Hammond and Highland, IN. This agreement will be at an estimated cost of \$239,335, based upon your estimate dated November 20, 2007, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch (to the west of Indianapolis Blvd), and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by BP Pipelines officials and then return two (2) copies back to our office. We will notify you when this work will commence. We are in the process of entering into agreements with the other individual pipelines on the NIPSCO right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Sincerely,

ames E. Pokrajac, Agent Engineering/Land Management

/sjm encl. cc:

Dane Graham, BP Pipelines Lou Casale, LCRBDC attorney MEMORANDUM FOR: CELRC-PM-PM, Attn: Imad Samara

SUBJECT: Technical Analysis of a Budgetary Planning Estimate for the Marathon Ashland – Wabash Loop Lines 12 inch and 16 inch lines

- 1. Cost Engineering Section has reviewed the Preliminary Budgetary Planning Estimate proposal and performed the required technical analysis. Our analysis is explained in the following paragraphs.
- 2. A Preliminary Budgetary Planning Estimate proposal was received in the mail 02-26-07 for \$210,000 for all Marathon lines. The breakdown for each pipeline is \$105,000 for the 12" and \$105,000 for the 16" line. It is understood that the work covered by this estimate is reimbursable based on supportive documentation after work is complete.
- 3. Following are comments noted as the estimate was reviewed.
  - a. Estimate based on historical costs. Lump sum items were provided.
  - b. The scope and assumptions made are included in the estimate summary.
  - c. All the major jobs (items) appear to be included.
  - d. No plans or specifications were provided.
  - e. The math appears to be correct and rounded.
  - f. Estimate is based on 2008 Price level.
- 4. The estimate appears to be fair and reasonable for an order of magnitude estimate used as a budgetary planning estimate. It is recommended that the US Army Corps of Engineers (COE) and Little Calumet River Basin Development Commission (LCRBDC) accept this estimate contingent upon receiving vouchers for material and labor with supporting data prior to actual payment of work involved. Also, should unforeseen conditions arise that would affect the cost materially, Marathon should notify the COE and the LCRBDC of conditions encountered.

5. If you have any questions or concerns, please contact Russell Craddock at 304-399-5205.

Michael G Ferguson, P.E.

Chief, Cost & Technical Support Branch

Encl



6100 Southport Road Portage, Indiana 46368

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

March 19,2008

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS Dept. of Natural Resources' Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

Governor's Appointment

DAN GARDNER **Executive Director** 

**LOU CASALE** Attorney

Mr. Dave Woodsmall Marathon Pipeline LLC 3106 Kickbush Drive Valparaiso, Indiana 46385

Dear Dave:

Enclosed please find four (4) copies of the agreement between Marathon Pipeline LLC and the Development Commission for excavation, inspection, test station installations, and the 'placement of compacted fill for the area adjacent to the 12" and 16" pipelines, and to assure Marathon Pipeline safety and protection requirements are implemented. All of this work will be coordinated to accommodate the installation of our sheet piling both north and south of the Little Calumet River west of Kennedy Avenue in Hammond and Highland, IN, adjacent to and bridging above your pipe lines. This agreement will be at an estimated cost of \$210,000.00, based upon your estimate dated February 26, 2008, and referred to as "Exhibit C" in the agreement.

The contract for the Stage V Phase 2 segment located from Kennedy to Northcote has been awarded to Dyer Construction, who has already been given their Notice to Proceed. Sheetpile driving has already begun adjacent to Hart Ditch (to the west of Indianapolis Blvd), and upon your approval of this agreement, we can begin the process of authorizing work in this area.

This agreement has been approved by the Commission and approval signatures have been affixed hereto. Please cause to have this agreement approved and counter-signed by Marathon Pipeline LLC officials and then return two (2) copies back to our office. We will notify you when this work will commence. It is also our intent to have a special pre-construction meeting with all the pipelines and utilities in this corridor prior to the start of construction on both the NIPSCO and Norfolk Southern right-of-ways. We are in the process of entering into agreements with the other individual pipelines on the Norfolk Southern RR right-of-way.

Thank you for your attention to this matter. We appreciate your timeliness and cooperation in finalizing this agreement for the Commission. If you have any questions, please call me at the above number.

Sincerely,

lames E. Pokrajac, Agent Engineering/Land Management

/sjm encl.

Ryan Bandy, Farnsworth Group Lou Casale, LCRBDC attorney



ENGINEERING

**ENVIRONMENTAL** 

INSPECTION

**LAND SURVEYING** 

ARCHITECTURE

**SINCE 1965** 

OFFICERS

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1625 N. Post Road Indianapolis, IN 46219 Phone: (317) 895-2585 Fax: (317) 895-2596 E-mail: info@ucindy.com www.ucindy.com February 29, 2008

U.S. Army Corps of Engineers; Chicago District

111 North Canal St.

6<sup>th</sup> Floor

Chicago, IL 60606

Attn: Mr. Imad Samara

RE:

US 41 Phase 1A Road Reconstruction Project, INDOT Designation # 0300049 Stormwater Lift Station Forcemain Discharge to the Little Calumet River, Lake County, IN

Dear Mr. Samara:

Per our conversation via telephone on January 23, 2008 concerning the discharge location for the proposed forcemain from the stormwater lift station included in the above referenced project, we understand that the U.S. Army Corps of Engineers will allow the forcemain to be constructed through the levee as long as the forcemain invert elevation is no lower than the designed freeboard elevation of the levee or a gated structure is installed.

The design flow for the stormwater lift station has been established at 27,100 gallons per minute. Based upon this design flow rate, a 48-inch forcemain is required. We have developed a preliminary alignment of the forcemain from the lift station to the proposed discharge point at the Little Calumet River as shown on the attached exhibits. We have included two (2) options to penetrate the levee. Given the size of the forcemain and the desire to maintain cover on the pipe, installation above the designed freeboard elevation (we do not currently have this specific elevation) of the levee does not appear to be feasible. To provide continuous drainage of U.S. 41 under all conditions and river stages a gated structure to valve off the pipe at the levee under flood conditions is not proposed. However, the forcemain will be equipped with check valves and plug valves at the proposed lift station, which will prevent river backup and flooding as a result of this levee penetration.

Option 1 proposes to open-cut the levee, install the 48-inch forcemain and discharge through a headwall and into an engineered gabion structure to the river. The forcemain invert will have an approximate elevation 12 feet below the top of the levee.

Option 2 also proposes to open-cut the levee, install the 48-inch forcemain and discharge through a headwall and into an engineered gabion structure to the river. The difference between Option 1 and Option 2 is that the forcemain invert will be at an elevation as high as possible while maintaining minimal pipe cover. The forcemain invert will have an approximate elevation 6 feet below the top of the levee.

We recommend Option 1 for the forcemain penetration through the levee for the following reasons. Although Option 2 minimizes the depth of cut through the levee, we are concerned about the stability of the side slope with construction of a headwall and gabion structure to channelize the proposed high flow down the levee side slope. The levee side slope will have to be modified to install the headwall structure and engineered gabion structure. Option-1 involves a deeper cut than Option-2; however the headwall and gabion structure to channelize flow will be constructed beyond the levee side slope. In

U.S. Army Corps of Engineers; Chicago District Mr. Imad Samara, U.S. Army Corps of Engineers

US 41 Phase 1A Road Reconstruction Project, INDOT Designation # 0300049

Stormwater Lift Station Forcemain Discharge to the Little Calumet River, Lake County, IN

February 29, 2008

Page 2

our opinion burial of the forcemain at this depth will provide for better long-term stability than in Option 2. We expect to finalize the design and submit a permit application to U.S. Army Corps of Engineers by March 31, 2008. We are interested in your input and comments prior to finalizing the design. In addition can you provide the design freeboard elevations of the levees in the area of the Little Calumet River and U.S. 41 and any additional details or specifications required by the U.S. Army Corps of Engineers for levee penetration?

We will plan to contact you the week of March 17, 2008 to confirm receipt and discuss additional details. If you can discuss prior to this date, please contact our office.

Sincerely,

UNITED CONSULTING BUB

Scott M. Siple, E.I. Project Engineer Paul Glotzbach, P.E. Project Manager

Attachments: Option 1 & 2 - Preliminary Exhibits



### DEPARTMENT OF THE ARMY

CHICAGO DISTRICT, U.S. ARMY CORPS OF ENGINEERS 111 NORTH CANAL STREET CHICAGO IL 60606-7206

March 21, 2008

RECEIVED MAR 2 4 2008

Construction-Operations Branch

Mr. Scott M. Siple, E.I. Project Engineer United Consulting 1625 N. Post Road Indianapolis, Indiana 46219

SUBJECT: Little Calumet River Flood Control Project – Permit Number 08-02 – US 41 Phase 1A Road Reconstruction Project, INDOT Designation # 0300049 Stormwater Lift Station Forcemain Discharge to the Little Calumet River, Lake County, IN

Dear Mr. Siple:

This is in response to the United Consulting letter dated 29 February 2008 regarding review of the above noted project per your request. This is considered a request for a project modification and is assigned Permit Number 08-02 that we request that you use in your correspondence.

The design of the Indianapolis Boulevard Pump Station and outfall, proposed to pass through the levee, will be required to be in conformance with applicable Corps of Engineers design guidance. Some applicable Corps engineer manuals include EM-1110-2-1913, 3102, 3105, 2902, and 3104.

These and other related information is available at the following link:

http://www.usace.army.mil/publications/eng-manuals/

Some chapters specifically related to pump station outlets, pipe crossing of levees/floodwalls, etc. (there may be others) are:

EM-1110-2-1913 chapter 8

EM-1110-2-3102 chapter 7

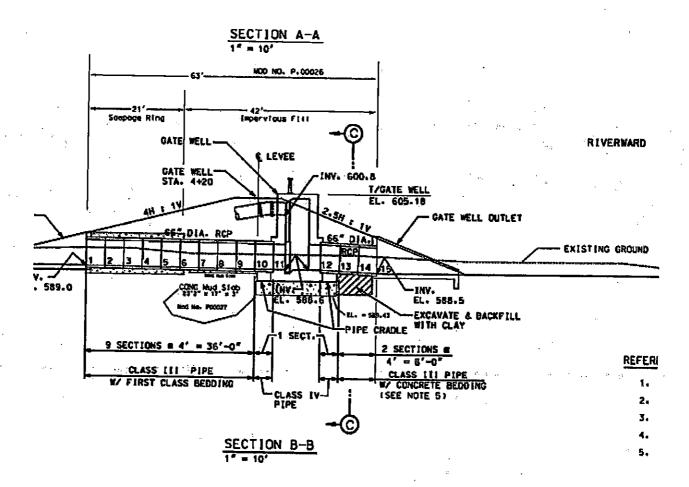
EM-1110-2-3105 chapter 7

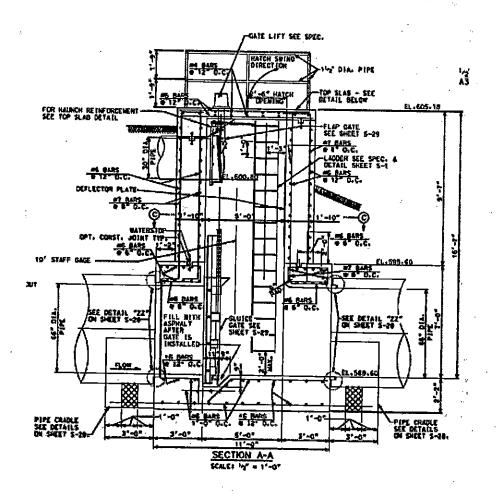
EM-1110-2-2902 chapter 3

ar filip on more

EM-1110-2-3104 appendix C

Some items to note from the above guidance is that placing a pressure pipe in the levee foundation is highly discouraged and should be avoided. It is recommended that pressure pipes outlet in the freeboard zone. Also a rapid closure should be provided to prevent backflow flooding from the river in the event of a pipe rupture of the pressure pipe. One option may be to outlet the pressure pipe in the freeboard zone into a concrete gatewell drop structure that then outlets by a gravity pipe through the levee. A flap gate would be added to the end of the pressure pipe to prevent backflow flooding in the event of pressure pipe rupture. This option has been used in other locations of the Little Cal levee project. The design would need to provide for dissipation of the energy of the drop to prevent undermining of the levee due to scour. The drawings below show an example of this type of structure (less gravity drain left of gatewell and the sluice gate)





In addition, it should also be noted in the plans or specifications for the proposed pump station that during construction of the new outlet, the INDOT contractor will be responsible to maintain the level of flood protection that is provided by the existing levee. The contractor will be responsible for any increased flooding damages landward or riverward of the levee due to this construction and should also be aware that he may need to cooperate with local, state and federal entities during a flood fighting event.

The levee project design elevation (200 year maximum water surface elevation) at the proposed pump station outlet location is at 599.3 ft NGVD. The levee design crest elevation (includes freeboard) is 604.0 ft. NGVD (the as-built levee crest was constructed to a crest elevation of 605.0 ft NGVD as one foot was added to allow for future settlement).

The completed pump station will be incorporated as part of the Little Calumet River Levee System and will be subject to the Corps' Inspection of the Completed Works (ICW) program to insure that Corps certification of our levee system is maintained. With your next submittal, please submit all backup engineering analysis for our review to insure compliance with Corps design guidance. After construction, we would require a copy of the O & M manual and a set of as-built plans developed for the pump station and outlet. If there was a hydraulic study of the

interior drainage performed for the pump station this should also be included. This is required for flood mapping requirements under the National Flood Insurance Program.

If you have any questions, please contact Mr. William Rochford at (312) 846-5450 or Mr. Rick Ackerson at (312) 846-5511 at your convenience.

Sincerely,

Joseph V. Schmidt Shamel Abou-El-Seoud, P.E. Chief, Construction-Operations Branch

cf: Jim Pokrajac, LCRBDC

OFFICE OF THE COMMON COUNCIL

RECEIVED MAR 1 3 2008



5925 CALUMET AVE. HAMMOND, IN 46320

(219) 853-6404 FAX (219) 853-6420

March 11, 2008

Dan Gardner, Deputy Director of NIRPC Little Calumet River Basin Commission 61 Southport Road Portage IN 46368

RE: STANDING WATER

Dear Mr. Gardner:

The following motion was made at the Hammond City Council Meeting, which was held on March 10, 2008.

Councilman Hinojosa, supported by Councilwoman Matonovich, moved to have a letter sent regarding the water that is standing behind the levy that was built off the Cabela's property, on the east side of Northcote. There is standing water in the back yards from River Drive to 177th.

We would appreciate an immediate response in this matter.

Respectfully

Daniel Repay, President Hammond Common Council

Cc: All council members

DR/cb



28

Grand Congress of the Conservation of the State of the Conservation of Section States of the State of the State

en en la companya de la co March 5, 2008

Little Calumet River Basin Development Commission Dan Gardner, Director James E. Pokrajac, Agent, Land Mgmt/Engineering 6100 Southport Rd Portage, IN 46368

UPS 2nd Day Air

Dear Dan & Jack:

Pursuant to the instructions of Stan Dostatni, City Engineer for Hammond, enclosed please find the Engineering Site Plan for a portion of Lot 1, Merrimac Addition, 3400 179<sup>th</sup> St., dated February 21, 2008 and prepared by Plumb Tuckett, regarding Buildings B & E. At this time we are applying for permits to construct Building B.

This Site plan is provided for your review and you will note that the proposed building or improvements do not effect the River Basin's levee, easement or new levee work.

I would appreciate the River Basin's written response to Stan Dostatni indicating that the proposed construction is of "no concern" as it pertains to the Basin's easements, etc.

Should you have any questions or comments or need additional information, please do not hesitate to give me a call. My Cell is 630 215 9025.

Thank You,

KROSAA DEVELOPMEN<del>T, L</del>

Donald I Santacaterina, Mbr.

cc: Albert Kropp, S. Dostatni, D. Novak

☐ 2009 45TH AVE. • GRIFFITH, IN 46319 • PHONE: 708-895-2000 • FAX: 219-922-9249

☐ 1020 KENNEDY AVE. • SCHERERVILLE, IN 46375 • PHONE 219-865-1111 • FAX 219-865-4545

# STAGE VIII - SUGGESTED PROJECT SCHEDULE REVISIONS

FR: 30AUG07 meeting			FR:20SEP2007 email		10-Oct-07		SUGGESTED NEW SCHEL 15-Feb-08		HEDULE		
START	END	TIME PERIOD (days)	START	END	START	END		START	END	TIME PERIOD (days)	· · · · · · · · · · · · · · · · · · ·
drop dead date for surveys	14-Sep-07	NA 45	A	19-Oct-07		19-Oct-07		· .		(00)0)	
100% ITR & CE 29-Oct-07		11 10		14-Dec-07	10-Jan-08	21-Jan-08	dd 4 weeks	11-Feb-08	22-Feb-08	11	100% ITR & prep of CE
100% BCOE Review 19-Nov-07	10-Dec-07	21 18	24-Dec-07	14-Jan-08	31-Jan-08	21-Feb-08	.:	6-Feb-08	26-Feb-08	20	100% BCOE Review
			· · · · · ·					3-Mar-08	21-Mar-08	19	LRB prepares 100% Backcheck packa
100% ITR/BCOE Backcheck	28-Dec-07		<u> </u>	4.5					21-Mar-08	3	LRB submits 100% Backcheck packag & DRAFT ECIFP
& Finalize P/S,DA, & CE LRB submits RTA & DRAFT ECIFP	28-Dec-07		· .	1-Feb-08	·	10-Mar-08.		24-Mar-08	26-Mar-08	3	100% Backcheck Package Review
		28		1-Feb-08		10-Mar-08		27-Mar-08	4-Apr-08	9 .	RTA package prep
LRB submits IGE & FINAL ECIFP	25-Jan-08	28	·	29-Feb-08		4-Apr-08	,		4-Apr-08	33	LRB submits IGE, RTA package, & FINAL ECIFP
Lito Advertises Contract	22-Feb-08	30		28-Mar-08		7-May-08			7-May-08		LRC Advertises Contract
LRC Opens Bids	22-Feb-08	14		28-Apr-07	<del></del>	6-Jun-08			6-Jun-08		LRC Opens Bids
LRC awards contract	7-Mar-08	14		12-May-08		21-Jun-08		i.	21-Jun-08		LRC awards contract
Contract Set P/S	21-Mar-08 21-Mar-08			26-May-08		11-Jul-08			11-Jul-08		LRB prepares and submits Contract Set P/S
ELO 199009 MIL	e i Tividi -UO			26-May-08	·	`11-Jul-08		· .	11-Jul-08		LRC issues NTP
					-	-	ľ			-	

NTP = Notice to Proceed

ITR = independent technical review done by the Corps

RTA = Ready To Advertise

BCOE = this a review it stands for bid ability, constructability, operation,

environmental

IGE = Independent Government Estimate

P/S = plans and specs

backcheck = this is the backcheck review so Corps folks can ensure all their comments were made to the plans and specs

ECIFP = I believe this is a Corps report from the designers to the Corps field engineers

## Jim Pokrajac

From:

"Judy Vamos" <jvamos@nirpc.org>

To:

"Jim Pokrajac" <jpokrajac@nirpc.org> Wednesday, March 26, 2008 4:42 PM

Sent: Subject:

DC 1302 Unity Church Septic Relocation Estimate.

3/26/08

Dear Jim.

RE: DC 1302, owner Unity Church septic relocation estimate

As the Corps suggested and we discussed at the monthly Corps/Little Cal Real Estate meeting on 3/25/08 I'm sending you an e-mail asking for your qualifications as an engineer to approve a septic relocation estimate from Gatlin Plumbing for DC 1302, owner Unity Church in the amount of \$42,500 dated 11/16/07. In the interests of time we opted to have only one estimate from a company well-know in the business for the appraiser to use as a "cost to cure" for a damage to the landowner's septic system.

The Corps has agreed to accept one estimate for crediting purposes if you are willing to state your qualifications and expertise in this field. I consider your knowledge exceptional and trust your judgment.

Would you please answer this e-mail stating your credentials and experience in the engineering industry? I send my thanks.

Sincerely,

Judy

Judith (Judy) Vamos, Real Estate Little Calumet River Flood Control and Recreation Project 6100 Southport Road Portage, IN 46368 Office: 219-763-0696

Fax: 219-762-1653 Cell: 219-689-8416

## Jim Pokrajac

From:

"Jim Pokrajac" <jpokrajac@nirpc.org>

To:

"Anderson, Gary R LRC" < Gary R. Anderson@usace.army.mil>

Sent:

Friday, March 21, 2008 2:46 PM

Subject:

Re: LCR Pump 1A Surety Takeover - Scope Discussion/Preconstruction Meeting

Gary,

After this meeting, what has happened? Is there some negotiating, has anything been agreed upon, are there any minutes from the meeting, are there any more meetings scheduled. Sometimes I'm not sure of COE procedures regarding initial coordination of projects, or if the LCRBDC should even be involved, but I would at least like to know the status. The Pump Station 1A contract dragged out for so long, and we would like to turn the stations over to Hammond. I know some of them are almost 90% complete and was wondering if some type of schedule has been established yet. I am currently updating my monthly status reports and would like to keep my commissioners informed

Please update me,

Thanks, Jim

- Original Message – From: Anderson, Gary R LRC

To: jpokrajac@nirpc.org

Sent: Tuesday, February 26, 2008 3:38 PM

Subject: FW: LCR Pump 1A Surety Takeover - Scope Discussion/Preconstruction Meeting

When: Wednesday, February 27, 2008 8:30 AM-11:30 AM (GMT-06:00) Central Time (US & Canada).

Where: USACE Calumet Area Office - 906 Griffith Boulevard, Griffith IN

From: Anderson, Gary R LRC

Sent: Tuesday, February 19, 2008 12:18 PM

Anderson, Gary R LRC; Anderson, Douglas M LRC; Anderson, Gary R LRC; Ott, Monica A LRC; Blair, Regina G LRC; Samara, Imad LRC; Craib, Robert A LRC; Smith, Kent A LRC; Flanagan, Pete C LRC; LRC-CONF-CALUMET

Cc: Abou-El-Seoud, Shamel LRC

Subject: LCR Pump 1A Surety Takeover - Scope Discussion/Preconstruction Meeting

When: Wednesday, February 27, 2008 8:30 AM-11:30 AM (GMT-06:00) Central Time (US & Canada).

Where: USACE Calumet Area Office - 906 Griffith Boulevard, Griffith IN

Importance: High

This is the rescheduled date for the meeting originally scheduled for 2/19/2008.

This meeting will be chaired by the bonding company, The Hartford, who describes the purpose of the meeting as scope discussion. Some preconstruction issues may be discussed or a separate meeting devoted entirely to preconstruction may be scheduled.

vim voniajac JOHN E. FISHER, P.E.

> PIPER C. TITTLE, P.E. 200407.10

GREGORY L. HOLDEN, P.E. PAUL A. HUMMEL, P.E.

JOHN A. MIDDLETON, P.E.

THERESA E. HARRISON, P.E. ION E. RIEMKE, P.E. IEFFREY L. McKEAN, P.E. RANDOLPH J. LINDLEY, P.E. SKY K. MEDORS, P.E. CHRISTOPHER J. JETER, P.E.

THOMAS S. SHARP, P.E.

DENNIS A. ZEBELL, P.E. BENJAMIN P. HOLDEN, P.E. DAN G. DELGADO, P.E. CHARLES F. FARRELL, P.E.

MICHAEL J. GUZIK, P.E. MICHAEL F. JOHNSTON, P.E.

PATRICK C. KERR, P.E.

JEFFREY M. BYRD, P.E.



# LAWSON-FISHER ASSOCIATES P.C.

CONSULTING ENGINEERS

525 WEST WASHINGTON AVENUE • SOUTH BEND, INDIANA 46601

SITE: http://www.lawson-fisher.com • E-MAIL: lfa@lawson-fisher.com

PHONE: (574) 234-3167 • FAX: (574) 236-1330

February 27, 2008

Mr. Rick Konopasek Director of Public Works Town of Griffith 111 North Broad Street Griffith, Indiana 46319-2294

> RE: Town of Griffith - River Road Levee Information

Dear Mr. Konopasek:

In accordance with our recent phone conversations, attached you will find past correspondence, soils information, drawings, permits, IDNR flood control approvals, etc. from our files pertaining to the River Road Levee in Griffith, Indiana. The east-west portion of the levee was constructed in the mid to late 1990's while the tie-back levee was constructed, to the best of our knowledge, sometime in the early 1970's.

As you are aware, the east-west portion of the levee was approved by the Indiana Department of Natural Resources (IDNR) as a flood control levee; however, the tie-back levee has not gone through this process. In addition, there have been several modifications to the levee over the years including reconstruction of the west portion of the levee near Cline Avenue during the INDOT Cline Avenue Interchange Project, installation of storm sewers through the levee with flap gates, headwalls and seepage collars and the installation of a water line through the levee and along the south (landward) toe of the slope for approximately seven hundred feet. The best current information on the levee elevations, side slopes, etc. would be the survey performed by the Army Corps subcontractor in September, 2005.

We are also forwarding this information to the Little Calumet River Basin Commission and Army Corps of Engineers for their use.

If you have any questions regarding the enclosed information, please give us a call.

Very truly yours,

LAWSON-FISHER ASSOCIATES P.C.

Dennis A. Zebell, P.E. Senior Civil Engineer

Dia. Zahell

DAZ/bsa Encls.

Dan Gardner w/Encls.

Jim Pokrajac w/Encls. Imad Samara w/Encls. George Jerome w/Encls. Stan Dobosz w/o Encls. Robert Schwerd w/o Encls. John E. Fisher, P.E. w/o Encls.



# Little Calumet River Basin Development Commission

March 14, 2008

6100 Southport Road Portage, Indiana 46368

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

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

ARLENE COLVIN Mayor of Gary's Appointment

STEVE DAVIS

Dept. of Natural Resources'

Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY
Porter County Commissioners'
Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney Mr. William Rochford U.S. Army Corps of Engineers 111 N. Canal Street Chicago, Illinois 60606-7206

Dear Bill:

Enclosed is a file of general information, as assembled by Lawson-Fisher Associates, regarding the Griffith levee, which is located between Cline Avenue and the EJ&E RR south of the NIPSCO right-of-way. As you will notice on the enclosures, Imad has also been provided a copy for Army Corps use. As per our recent conversations, you indicated to us that it was the intention of the Army Corps to do an inspection on this levee section sometime this April. Will you please review the enclosed material prior to the inspection in order that you may use this data, along with data provided by the town of Griffith and your own survey work, to ultimately put together a list of what additional data remains to be obtained to determine a scope of work for what will be required to certify this levee section. Please let me know when you plan on scheduling this inspection and I will facilitate it locally. If you have any questions regarding this information or this request, please let me know.

Sincerely,

James E. Pokrajac, Agent Engineering/Land Management

/sjm Encl.

Doug Anderson, USCOE Imad Samara, USCOE Dan Gardner, Ex. Dir. LCRBDC

# LAND ACQUISITION REPORT

For meeting on Wednesday, April 2, 2008

(Information in this report is based upon latest data provided at the time the report is put together. Dates and costs may vary depending upon ongoing design and/or coordination with the Army Corps.

Report period is from February 28 – March 26, 2008)

### EAST REACH - REMAINING ACQUISITIONS

- 1. This stage still has about 25 flowage easements that need to be acquired. They are not high-priority and can be acquired as time permits.
  - Emphasis now is on finishing Stage VII and VIII. Any East Reach parcels left will be "cleaned-up" after construction of the project is completed.
- 2. A condemnation hearing was held on 10/19/07 for the WLTH Radio Station. Court awarded landowner \$8,300. LCRBDC offer was \$4,000. Money has been paid into court.
  - We have since learned that the property was sold on 10/8/07 tax sale. (We were not
    notified by Lake County.) We will petition the court to distribute the money to the
    new owner.

#### STATUS (Stage V-Phase 2) Kennedy Avenue to Northcote, both North and South levees

- 1. Right-of-entry was signed 7/11/07. Eleven options were attached. Since July, we have acquired 9 of those acquisitions. Two remain:
  - A. <u>NIPSCO</u> (DC-1112/1113) We have submitted our insurance quotes to NIPSCO and they seem acceptable. NIPSCO is still concerned about liability insurance after construction is completed. We are waiting for their response.
  - B. NSRR (DC-1169) NSRR is now reviewing our agreement to them. Question arising as to locking mechanism language to be inserted in the easement agreement or to be inserted in a separate operation agreement.

# STATUS (Stage VI-Phase 1 North) – Cline to Kennedy – North of the river: Land Acquisition deadline April 30, 2005

1. Final inspection scheduled in mid-January, 2008 pending weather – Has been rescheduled for mid-April, 2008, pending weather.

# <u>STATUS (Stage VII) – Northcote to Columbia: The designation for this Stage is Stage VII – Hammond (North of the river) and Stage VII-Munster (South of the river)</u>

- 1. All 14 offers for easements north of the river have been made. Two of three private landowners have accepted.
- 2. The easements to be signed by all (3) Hammond entities were presented to Hammond at a meeting in the city Engineer's Office on February 15, 2008
  - Easements for the city and for the Redevelopment Commission were approved and will now be recorded. We are awaiting approval of easements from the Parks & Recreation Department.
- 3. All 33 offers for Munster on the south side of the river were delivered in August 2007. We are in negotiations with one private landowner; three landowners cannot be located and are in condemnation to clean up the chain of title; and NIPSCO and B.P.Amoco are reviewing our engineering plans.

- 4. LCRBDC met with Hammond Parks Dept. to discuss signing of easements owned by the Parks Dept. In Stage VIII, the Stage VII staging area west of Columbia will be eliminated because of impact to 30-40 parking spaces adjacent to Riverside Park.
  - A meeting will be held with the Corps, LCRBDC, and representatives from the Hammond Engineering and Parks Departments.
  - (2) easements DC1202A&B and DC-1209 will be submitted for approval at the next Hammond Park Board meeting.

# STAGE 7 - ALPHA (Gatewell structure west of Northcote, north of river)

1. The LCRBDC signed the right-of-entry for the authorization for entry for construction in this area on March 25, 2008 indicating all real estate required for this work has been acquired.

## STATUS (Stage VIII - Columbia to State Line (Both sides of river)

- 1. At the February 26 appraisal team meeting, 27 acquisitions were assigned to be appraised or re-appraised. To date, 17 have been completed and review approved.
- 2. Two new acquisitions near and on Munster Med-Inn property have been assigned by the Army Corps. We are waiting on surveys to start the appraisal process.
- 3. Total acquisitions now number 92. Municipals, INDOT, and NICTD total 31. private landowners total 61 of which 26 offers are out, 15 have been re-appraised. The remaining 20 are being prepared for mailing.
- 4. Something new. One of our surveying companies has made a mistake by taking a 12' permanent easement where a 15' easement is needed out from the toe of the levee. The 12' easement is acceptable now and will not old the stage back; but we have to acquire the extra 3' at a later date.
- 5. In meeting with representatives from the Hammond Parks Dept. on March 11, 2008, a memo was sent out on March 19, 2008 indicating we will schedule a field meeting for staging usage south of the ball fields at Riverside Park (may combine Stage VII & VIII staging areas adjacent to each other.
- 6. Received a letter from Ruth Mores from the "Southmoor Road group" in Hammond dated February 28, 2008 (received February 29) with a series of questions and concerns regarding impacts to their neighborhood and would like to have them addressed prior to the next neighborhood meeting.

# STATUS (Betterment Levee – Phase 2 North of the NSRR east of Burr Street, and ½ mile east, back South over RR approximately 1400':

# Land Acquisition deadline is September, 2005

- 1. The ROE was signed by the LCRBDC on July 24th, 2006, and forwarded to the Army Corps.
- 2. Construction started mid June 2007.
- 3. Current construction completion date is July 20, 2008.

# **PUMP STATION REHABILITATION - CONTRACT 2**

- Received an email from the Corps on November 19, 2007 indicating that the contract was broken up and that 2A will include pump rebuilds of the (2) smaller stations – Forest Avenue/173<sup>rd</sup> St., and Tapper Avenue. Pump Station 2B contract will include Indianapolis Blvd., Jackson Avenue, and the Southside Pump Stations.
- 2. Received 100% engineering review set
  - LCRBDC contracted SEH on a cost/hour basis to submit comments.
  - LCRBDC contracted out DLZ on February 26, 2008 to do property legals and easement drawings for each station.

- Property identification has been completed by DLZ and they are currently doing plats and legals for all (5) stations.
- 3. The LCRBDC indicated to the Corps that we had used a "perpetual pump station easement" in the past for the actual pump station building. (The tabulation of estates allows us certain rights after project completion) for inspections, emergency response, and maintenance.
  - DLZ has completed the legals for pump station 2A and the agreements will be put together and we will work with the Hammond Sanitary District to sign.

## GRIFFITH GOLF CENTER (North of NIPSCO R/W, East of Cline Avenue)

- 1. LCRBDC was directed by the COE to obtain a flowage easement on the entire property in a letter dated October 7, 2005. Appraisal was completed and reviewed. Offer was sent 8/16/06, landowner rejected offer and requested modifications to the design for future development.
- 2. Landowner met with Corps and LCRBDC on 1/10/07 to discuss modifications to the real estate requirements. Owner's possible buyer submitted plans that address hydrology concerns and the CORPS has approved.
- 3. LCRBDC wrote a letter of support to the IDNR on June 22, 2007 indicating that the landowner's plan is compatible with the Little Calumet River Flood Control Project and provides additional (compensatory) storage for flood waters. (Ongoing)
  - LCRBDC received a public notice for permit application from V3 (Realty agent) dated May 7, 2007 and received May 25, 2007. (Ongoing.)

#### **CREDITING:**

#### 1. INDOT CREDITING

- A. LCRBDC has requested credit to the project for the bridges reconstructed as part of the project Indianapolis Blvd., Cline Avenue, Grant and Georgia Streets.
- B. The Army Corps from Detroit agreed to help the LCRBDC with INDOT bridge crediting coordination.
  - A meeting, and field inspection, was held with their representative on July 31 and August 1, 2007, to familiarize them with the INDOT construction.
  - They have already obtained some data for Indianapolis Boulevard, Cline Avenue, Grant St., and Georgia. (Ongoing)
- C. A conference call with INDOT and Chicago/Detroit Corps, and the LCRBDC was held on November 29, 2007 to discuss points of contact for information and coordination. (Ongoing)
- 2. We have submitted to Detroit the Woodmar/Cabela final appraisal for crediting. Detroit Corps must send it on to Headquarters in Cincinnati for review and approval. We expect creditable in the amount of \$1,875,000.

#### **GENERAL INFORMATION:**

- 1. We have a new acquisition area in the East Reach (I-65 to Cline Avenue). The location is at 27<sup>th</sup> and Chase Avenues and is called a miscellaneous drainage area.
  - We have six new acquisitions of three private landowners, two are city of Gary, and one is Gary Sanitary District. This is a priority. Title work, surveys are completed. Heritage Appraisal Services is appraising all six parcels.



# Little Calumet River Basin Development Commission

6100 Southport Road Portage, Indiana 46368

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

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman TO: Governor's Appointment

\_\_\_\_

Pat Moore, Administrator of Hammond Parks & Recreation

Lisa Berdine, attorney for Hammond Parks & Recreation

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

FROM:

Dan Gardner, Executive Director

LCRBDC

MARK GORDISH, Secretary Mayor of Hammond's Appointment

**SUBJECT:** 

Remaining Needed Flood Control and Staging Easements on

Hammond-controlled Properties

ARLENE COLVIN Mayor of Gary's Appointment

DATE:

March 19, 2008

STEVE DAVIS Dept. of Natural Resources' Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney Thank you, Pat and Lisa, for meeting with Jim Pokrajac and me to discuss the upcoming needed easement agreements and use of Hammond-owned properties for construction and staging areas in the Riverside Park, Rick's Park, and Hammond parkways. We are awaiting Lisa's letter describing the particular concerns of the Park Department in the placing of both construction activities and staging areas relative to the ball diamonds and other recreation and support facilities in the Hammond park system. The Commission will work with the Corps of Engineers to relocate any and all construction activities (to the maximum extent possible) to avoid conflict with ball diamonds, recreational facilities, parking areas, and areas of conflict with public access.

Upon researching the easements discussed at the meeting held March 11, we found that underlying Riverside Park land is actually owned by the city of Hammond. Accordingly, our easement agreements will be with the owners of record. However, in order to best coordinate among the Hammond Parks Department, Hammond Board of Public Works, Hammond Redevelopment Commission, and Hammond Sanitary District, we are suggesting a coordination meeting be held at the earliest convenience to all to finalize the request for remaining needed easements by the Commission/Corps of Engineers to the Illinois state line and to coordinate the Corps construction activities in staging areas without impacting Hammond recreational facilities.

Regarding the two easements previously presented to you (DC1202A&B and DC1209), we request these be on the agenda of the next park board meeting for approval for donation. We will attempt to schedule this coordination meeting in advance of that meeting so as to answer any final questions and coordinate with all parties. Thank you for your cooperation and support of this important project to Hammond and northwest Indiana. We will be in contact with some proposed dates to meet.

cc: Stan Dostatni, *City Engineer, Hammond Board of Public Works*Rick Calinski, *Executive Director, Hammond Redevelopment Commission*Bill Biller, *LCRBDC Chairman and consultant to Hammond Sanitary District* 

# AUTHORIZATION FOR ENTRY FOR CONSTRUCTION LITTLE CALUMET RIVER FLOOD CONTROL PROJECT GATEWELL 7-ALPHA GARY, INDIANA

I, Dan Gardner, Executive Director of the Little Calumet River Basin Development Commission, Portage, Indiana, do hereby certify that the Little Calumet River Basin Development Commission, Portage, Indiana, has acquired the real estate interests required by the Department of the Army for construction of Gatewell 7-Alpha at the Little Calumet River Flood Control project site in Gary, Indiana, and otherwise is vested with sufficient title and interest in lands to support construction of Gatewell 7-Alpha that is described in the attached map. Further, I hereby authorize the Department of Army, its agents, employees and contractors to enter upon said lands as identified on the attached map to construct the features as set forth in the plans and specifications held in the U. S. Army Corps of Engineers' Chicago District Office, Chicago, Illinois.

Witness my signature as Executive Director of the Little Calumet River Basin Development Commission, Portage, Indiana, this 25th day of March, 2008.

Little Columet River Basin Development Commission

By: Dan Gardner

Aut 6.6. 228

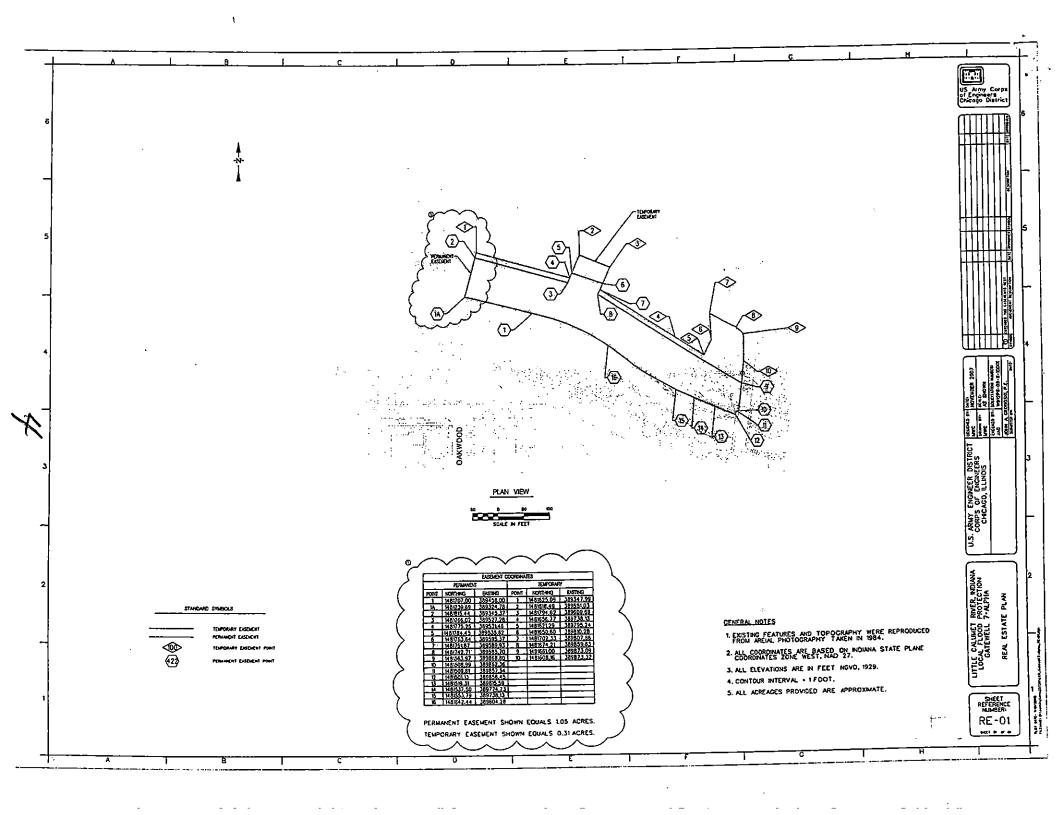
<u>D</u>

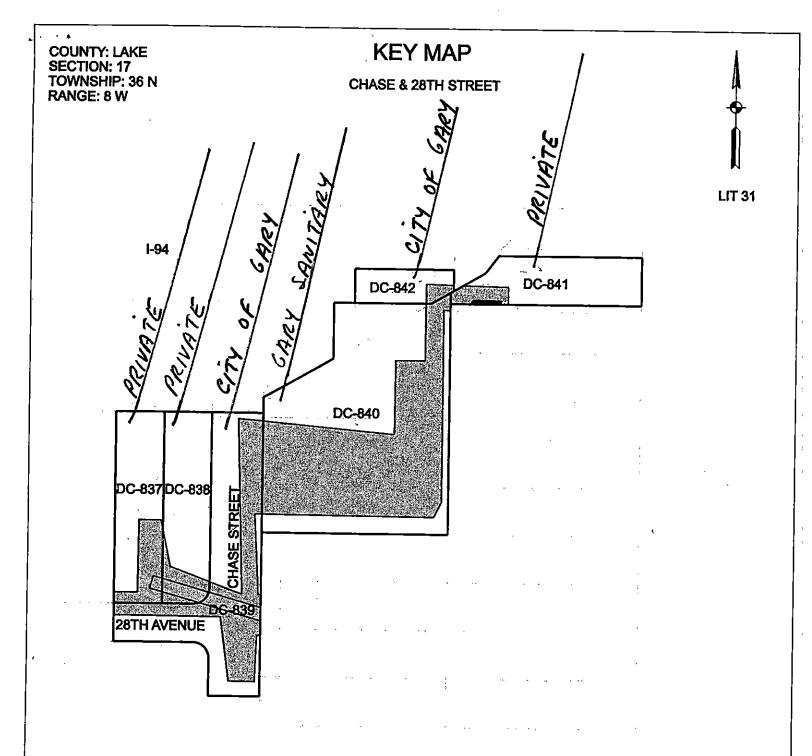
# ATTORNEY'S CERTIFICATE OF AUTHORITY

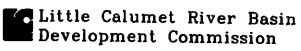
I, Lou Casale, attorney for the Little Calumet River Basin Development Commission, Portage, Indiana, certify that the Little Calumet River Basin Development Commission, Portage, Indiana, has the authority to grant the above Authorization for Entry; that said Authorization for Entry for Construction is executed by the proper duly-authorized officer; and that the Authorization for Entry for Construction is in sufficient form to grant the authorization therein stated.

Witness my signature as attorney for the Little Calumet River Basin Development Commission, Portage, Indiana, this ASHA day of March 2008.

Au Ar Lou Casale







6100 Southport Road Portage, Indiana 46368



7501 Indianapolis Boulevard Hammond, IN 46324

Phone: 219.989.1954 Fax: 219.989.3321

www.garcia-consulting.com

PERMANENT PIPELINE EASEMENT





LITTLE CALUMET RIVER, INDIANA LOCAL FLOOD PROTECTION

SHEET 1 OF 1 SCALE: 1" = 150'

DATE: 11/08/2007 LIT 31

6100 Southport Road Portage, Indiana 46368

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

# **WORK STUDY SESSION**

April 2, 2008

5:30 - 6:00 p.m.

# **ACTION ITEMS:**

Finance:

- Approval of claims for March 2008
- Approval of O&M claims for March 2008
- Approval of additional Munster claims

#### Report of Finance Committee recommended action:

- Approval of NIRPC contract for administrative Services for 2008
- Approval of Independent Contractors' contracts for 2008
  - Engineering/Land Management Agent contract
  - Land Acquisition Agent contract
  - Crediting Technician Services contract

#### Land Acq:

- Action on increased offers?
- Action on condemnations?

# **IMPORTANT DISCUSSION:**

Stage VIII Acquisition Progress Status

## OPERATION AND MAINTENANCE REPORT

For meeting on Wednesday, April 2, 2008
(Information in this report is based upon latest data provided at the time the report is put together. Dates and costs may vary depending upon ongoing design and/or coordination with the Army Corps.

Report period is from February 28 – March 26, 2008)

## GENERAL SUMMARIZATION (EAST REACH TURNOVER)

- 1. An O&M Committee meeting was held on November 14, 2007 to recap O&M progress, turnover, and what steps are needed to complete turnover.
  - Bids were received and the low bidder was Austgen Electric. Inc. in the amount of \$60,529.
  - Received an update from Austgen on February 21, 2008. The water is currently too high and is frozen. No progress since last month.
- 2. An O&M Funding Committee meeting was held on March 12, 2008 to review upcoming and project expenditures
  - A summary status report was put together on March 11, 2008 indicating
    what has been turned over, what the LCRBDC is doing with flood control
    items not turned over, and including partial turnovers have been executed.
- 3. A meeting was held with the city of Gary, and their new representatives on July 20<sup>th</sup>, 2006 to familiarize the new administration with our project, explain O&M responsibility to be assumed by Gary, and to determine what they will require for the O&M turnover process. Some of these items include:
  - 1. Six (6) pump station turnover
  - 2. Levee, sluice gate, flap gate turnover
  - 3. Transfer of LCRBDC excess lands
  - Coordination for emergency response
     Maps, pump station reports, O&M detail for maintenance breakdown and costs were distributed and discussed.
    - Mailed handouts of this meeting to Geraldine Tousant (Deputy Mayor), Gwen Malone (Public Works Director), and Luci Horton (GSD Director) on September 6, 2006.
- 4. On March 12, 2008 the LCRBDC and the Corps met with representatives from the city of Gary to turn over the "as-built" drawings for the completed segment from Colfax to Burr Street adjacent to the NIPSCO R/W (Burr St. II-Gary)
  - A signoff sheet was signed acknowledging their receipt of these drawings.
  - This meeting established precedence with the city of Gary for turnovers of drawings, manuals, and project features.
  - This is only part of the overall turnover process and does not obligate the city of Gary to assume O&M responsibility.

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- 5. A follow-up memo was sent to Gary, Hammond, and Highland requesting comments and review of the draft Corps O&M manuals for their respective communities on March 25, 2008.
  - The previous memo was submitted, along with the manuals, for review on September 7, 2007.
  - Their comments will then be addressed by the Corps and individual meetings would be held with each community for implementation.
- 6. Inspections for 2008 will be tentatively scheduled for all features before the end of the Army Corps 3<sup>rd</sup> quarter (June, 2008)
  - Most recent inspections in Gary in 2007 were held with the Corps, LCRBDC, and representatives from Gary
  - Levees and floodwalls (August 13, 14, 15) Completed (Received Corps report and LCRBDC has combined city of Gary, Corps, & LCRBDC reports into one)
  - Pump stations (September 4 & 5) Completed (Received Corps report and LCRBDC has combined city of Gary, Corps, & LCRBDC reports into one)
  - Sluice gates and flap gates were held on October 10 and 11 in Gary; and on October 25, 2007 in Griffith.

## OPERATION AND MAINTENANCE BREAKDOWN STATUS

### A. PUMP STATION TURNOVER

- 1. Six (6) pump stations will be turned over to Gary. These include Burr Street, Grant, Broadway, and Ironwood. It also includes two (2) lift stations at 32<sup>nd</sup> & Cleveland and Marshalltown.
- 2. An inspection of the six (6) pump stations in Gary was held on September 4 & 5, 2007 with the COE, representatives from Gary, and the LCRBDC.
  - Currently, all (6) stations are operational and will be re-inspected before the end of June 2008.
  - Until O&M is turned over, the LCRBDC is responsible for their operation.
- 3. Survey work for the six (6) pump stations has been completed and was provided to the LCRBDC attorney on March 23, 2007, and will require coordination with the city of Gary attorney as part of the O&M turnover. (Ongoing)

### B. SLUICE GATE/FLAP GATE TURNOVER

- 1. General Note: There are a total of 51 different closure areas in the East Reach.
  - Gary (41 sluice gates/41 flap gates)
  - Griffith (4 sluice gates/4 flap gates)
  - INDOT (6 sluice gates/6 flap gates)
  - INDOT gates were included as part of this inspection
  - Griffith gates were inspected on October 25, 2007 as part of the overall O&M turnover to Griffith
- 2. It is the intent to complete remediation of sluice gates, and flap gates separately from the pump stations and will include lubrication, clean-up, and repair, as noted in inspection reports.

 Refer to General Summarization Section of this report for status of remediation being performed by Austgen Electric

 Received an update from Austgen Electric on March 26, 2008 indicating an additional (9) flap gates have been cleaned, (4) additional sluice gates now seal, and some grate & gauge adjustment have been done.

 There are (6) remaining flap and sluice gates to complete to finish their 2007 contract.

3. Prior to the most recent storms of late August, 2007, the LCRBDC had completed cleaning and remediation of most of the features in Gary.

• After the storm, many flap gates were stuck open again. This will all have to be done again at an additional cost.

# C. LEVEE, I-WALL TURNOVER

- 1. Levee, I-wall, and collector ditch inspections will be completed before the end of June, 2008.
  - The most recent levee inspections were held on August 13 (August 14 was a rain-out), August 15, and August 16, 2007.
  - Stage V-1 (Wicker Park Manor), located between Indianapolis Blvd and the NSRR, south of the river, was held with Highland on August 13, 2007.
  - Burr Street betterment levee (EJ&E to Colfax) south of the NIPSCO r/w, was held with Griffith on August 13, 2007.
  - The remainder of completed levee segments were in Gary and were completed in the afternoon of August 13, 15, and 16.
- 2. The general observation was that some levee tops were rutted and needed to be filled and graded, seeding was needed in many areas due to herbiciding for the landscaping Phase II project, and some trees needed to be removed from side slopes that could be impacting the structural portion of the levees.
  - Some of this remediation still needs to be completed prior to the upcoming inspection.

#### D. TRANSFER OF EXCESS LANDS TO CITY OF GARY

- 1. Transfer of excess lands (approximately 359 acres) were discussed as part of a meeting held with the city of Gary on March 22, 2007. Gary is in concurrence with the format of the agreement. (Ongoing between attorneys)
- 2. A letter was sent to City of Gary attorney requesting that we proceed with coordination of agreements and what is required for land transfers of LCRBDC properties on September 22, 2006. (Ongoing between attorneys)
- 3. Surveys were completed on April 25, 2006 for excess lands which include acreage west of Clay Street, south of the NIPSCO R/W, east of I-65, and north of and adjacent to Burns Ditch. (This is approximately 196 acres)
  - The other area is between Chase and Grant adjacent to both sides of 35<sup>th</sup> Avenue (This is approximately 189 acres).
  - •This information was provided to the LCRBDC and city of Gary attorneys in October, 2006.

# E. TURNOVER OF SPARE PARTS, MANUALS, AND "AS-BUILT" DRAWINGS (COMPLETED)

- 1. Spare Part Turnover Process
  - A meeting was held with Debra Harris (United Water Purchasing/Warehouse Manager) on June 13, 2006 to pick up inventory list of "spare parts for pump stations", which were stored on GSD facilities in November 2005.
  - · A re-inventory will be done to get a current list of what is stored at GSD.
  - Some sluice gate electric operators were needed for INDOT and Highland.
     Additional operators will be provided in Stage V-2 and a distribution list to all flood response participants will be completed.
  - · Some additional parts and components will also be turned over to Gary.

#### F. GRIFFITH – O&M TURNOVER (GENERAL)

- 1. In addition to the certification of the existing Cline to EJ&E RR levee, Griffith will also be required for O&M responsibility from EJ&E RR to Colfax (Burr St. Phase I & southern part of Stage IV-1 South).
  - A meeting will be scheduled to discuss O&M responsibilities and turnover coordination. (Ongoing)
  - Sluice/flap gate inspections were held with the Corps and Griffith on October 25, 2007 (2008 inspections will be scheduled before the end of June 2008)

# **GENERAL SUMMARIZATION (WEST REACH TURNOVER)**

- A. North 5<sup>th</sup> Pump Station Turnover
  - A final inspection was held with Highland on February 28, 2006 (Contractor was Overstreet)
    - This letter also summarized their contractual obligations, and a sequence
      of events to complete the punch list. They demonstrated an
      unsatisfactory performance on this contract and have failed to complete
      these items in a timely manner.
  - 2. Pump Station turnover coordination
    - Turned over (2) sets of "as-built" drawings to the town of Highland along with a set of Volumes 1 & 2 of the Operation & Maintenance Manual on March 23, 2007
  - Training, spare parts, and final testing was completed in late July, 2007 and a coordination meeting was held with Highland to begin the O&M turnover process.
  - 4. Minor items of construction need to be completed prior to final turnover.

#### **EMERGENCY RESPONSE COORDINATION**

#### General:

An email was sent to the Corps on December 28, 2007 addressing ongoing, miscellaneous emergency response issues.

NOTE: Refer to Item #5 of this report on page 2 in the General Summarization Section. The municipalities have been provided O&M manuals for review. There is a section of this manual that requires emergency response information.

- A. Acceptance of Emergency Response by each project municipality
  - A meeting will be scheduled in April 2008 with the COE, LCRBDC, USGS, the National Weather Service, and representatives from all five (5) communities.
    - COE requires turnover, and sign-off, by each municipality to assume responsibility for their community to comply with COE plan during a flood, and to submit a plan as part of their overall community emergency response plan.
    - 2. It was mutually agreed that the closures throughout the project could be expedited by supplementing 2'x2'x7' concrete blocks, with plastic and sandbags at each location.
      - LCRBDC to facilitate (Ongoing)
      - Received information from the COE in mid-June 2006 to determine how many concrete barriers will be needed for each location throughout the project.
      - LCRBDC will coordinate with each municipality to locate these concrete barriers on each individual site. (Ongoing)
    - 3. Post and panel closures at Chase Street along the north line of protection and on 35<sup>th</sup> Street along the south line of protection are impractical to install during a flood event.
      - The last trial installation at 35<sup>th</sup> St. was approximately 2 years ago, over 20 people participated in the installation during sunny weather and took approximately 3 hours to install.
      - During a flood event (2) closures need to be installed, probably during heavy rains, possible no electric available, and maybe at night.
      - Refer to Item #5 in the December 28, 2007 email in the General Section of this report for request to Corps.
      - There is a possibility that the Corps will modify these closures for easier installation as part of the 27<sup>th</sup> & Chase Street drainage contract.
  - B. Coordination with INDOT after late August 2007 floods impacting Kennedy Avenue and Indianapolis Blvd.
    - 1. An initial meeting was held with INDOT, Earth Tech (INDOT consultant), Corps, and the LCRBDC on September 17, 2007 to discuss future impacts, emergency response coordination, and action plans.
      - Received minutes of meeting from Earth Tech on September 27, 2007 outlining rainfall information, impacts at Kennedy Avenue interchange, Little Calumet River impacts, Indianapolis Blvd flooding, O&M and emergency response, and future action items.
      - INDOT submitted request to Hammond (copies the Corps) on October 22, to replace the existing flap gate with a "duckbill" gate at both Kennedy Avenue and Indianapolis Blvd.
      - INDOT submitted a letter to the LCRBDC and copied the Corps on March 10, 2008 (received March 17, 2008) requesting

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written permission from the LCRBDC to replace (2) existing flap gates (east of Kennedy, north of river, and east of Indianapolis Blvd, north of river) with Tideflex "duckbill" flood valves.

• LCRBDC sent an email to the Corps on March 18, 2008 requesting that they had reviewed, and approved, the drawings for assurance of compliance with Corps requirements.

- 2. A meeting was held with INDOT, Earth Tech, Garcia L E, and the LCRBDC on October 11, 2007 to discuss surveying and tying in Corps and INDOT surveys that show culvert, ditch, levee, highway, and roadways.
  - LCRBDC will establish a mark in the vicinity of the flap gate as to when to close sluice gate. (Ongoing)
  - · Waiting for Corps response to March 18, 2008 email.
- D. A meeting was scheduled to be held in Chicago on December 7, 2007 with the Corps, LCRBDC, and the Lake County Emergency Management to discuss flood response coordination.
  - 1. Primary contacts need to be addressed and established as part of the Plan
  - 2. A draft diagram has been established and coordination between local, State, county, and Federal responsibilities will be discussed.
  - 3. This meeting was cancelled because Jeff Miller could not attend Will be re-scheduled.

#### **MISCELLANEOUS**

- A. Received a letter and prints from GRW Engineers, Inc. on February 19, 2007 requesting coordination, and easements on LCRBDC property (where flood protection has been completed west of Grant Street) to install a pump station and 30" water line to expand water service in Lake County.
  - 1. This will be the responsibility of the LCRBDC in the future, after all construction is completed, to coordinate any construction, easements, agreements, as part of the O&M turnover.
  - 2. Met with GRW on June 28, 2007 (Doug Corey) and reviewed their modified plans, real estate requirements, and did a site visit for field familiarization.
    - LCRBDC submitted a summarization of the upcoming coordination required with them, the Corps, and the LCRBDC.
  - 3. LCRBDC received a "denial notice for construction in a floodway" from the IDNR on September 28, 2007
    - · Reasons for denial listed
    - Email questioning status sent to GRW on October 27, 2007
  - 4. Received a call from GRW on March 17, 2008 indicating they will be re-applying and they will provide a letter requesting procedural information, and also resubmitting their latest design.
- B. Received a letter from NIPSCO on October 11, 2007 regarding flooding to their gas line facilities west of Grant on their R/W and that they feel our project has created a problem in this area worse than it was before our construction.

Requested again on November 23. NIPSCO has concerns this could happen again if not remediated.
The Corps submitted a memo dated March 11, 2008 and indicated it was one of the largest events since 1943 and provided a table with stages and frequencies of floods with and without project conditions.
This was sent to NIPSCO on March 13, 2008
C. At the request of the LCRBDC, regarding Stage VIII, the Corps agreed to provide (4) electric sluice gate operators.
These can be used by Hammond and Munster during emergency response operations for closing sluice gates during floods.
D. Received a letter from the Wolverine Pipeline Company dated March 1, 2008, requesting access on and across our property adjacent to the NIPSCO R/W in Gary

to mow, clear, and grub their pipeline easements.

• This was forwarded to the Corps for response on November 5, 2007

## Jim Pokrajac

From:

"Jim Pokrajac" <jpokrajac@nirpc.org>

To:

<dgardner@nirpc.org>

Cc: Sent:

"Sandy Mordus" <smordus@nirpc.org> Tuesday, March 11, 2008 5:17 PM

Subject:

**O&M Turnover To Municipalities** 

Dan.

As per your request for a quick summary regarding turnover to municipalities, the following items have already been completed:

1. Southeast Hessville Pump Station. (As part of the Pump Station 1B project). This has a signed agreement with the HSD to assume all responsibility for COE provisions in the O&M manual for this project. The turnover included training by the contractor to HSD personnel, turnover of "as-built" drawings and O&M manuals, spare parts, and any guarantees and warranties.

2. 81ST Street Pump Station (As part of the Pump Station 1B project). This has a signed agreement with the Highland Board of Public Works to assume all responsibility for COE provisions in the O&M manual for this project. The turnover included training to Highland personnel, turnover od "as-built" drawings and O&M manuals.

spare parts, and any guarantees and warrantees.

3. Spare parts turnover for all 6 pump stations in Gary to storage at the Gary Sanitary District. Also turnover of

several electric sluice gate operators and individual hand cranks for the sluice gates.

4. Six (6) Gary Pump Stations. Each of the 6 stations involved the City of Gary and their representatives to be involved in the final inspections. Their comments were incorporated into the final report that included comments from the LCRBDC and the Army Corps. The O&M manuals were turned over to Gary reps at the time of acceptance from the contractor assuring he met the criteria of the plans and specs.

a. The corps provided as-built drawings to the LCRBDC when they received them from the contractor. This is usually several weeks to several months after the acceptance of the project. The LCRBDC currently has a number of these drawings and disks that will be turned over to Gary as part of the overall turnover process.

- b. A meeting was held with Gary on March 12, 2008 to turn over "as-built" drawings for the segment between Colfax and Burr Streets along the NIPSCO R/W referred to as the Burr Street Betterment Levee- Phase II (Gary). The sign off procedure from this meeting will establish the precedence for turning over all drawings as noted above.
- c. For the past 3 years the corps, LCRBDC, and representatives from Gary have done annual pump station inspections and combined their punch lists to be remediated to assure their operation and compliance with the COE O&M manual. (This all has been done at a cost to the LCRBDC).

5. Sluice/Flap Gates in Gary. For the past 2-3 years the LCRBDC, Gary, and the COE have been doing annual inspections to assure they operate and seal properly during flood events. These gates are quite often stuck open with miscellaneous debris after almost every major event and the LCRBDC has currently assumed the responsibility of cleaning them.

6. Levees and Collector Ditches in Gary. For the past several years the LCRBDC has assumed the responsibility of mowing the levees and removing debris and growth from the collector ditches. The mowing is 2 times a year

and the collector ditches are done every Fall.

7. Stage VI- I (North), Stage VI- I (South), and Stage VI - Phase II (All 3 recent contracts in Hammond and Highland between Cline and Kennedy Avenues) have had ongoing turnovers that were signed off by the LCRBDC and the municipalities representatives for spare parts, as-builts, training, and manufacturers manuals. We have been doing these over the past 2 years as they are completed.

8. North 5th Pump Station and North Drive Pump Station in Highland have been substantially completed and, even without a formal signoff for this responsibility by Highland, they have been doing the ongoing O&M

according to COE requirements.

- a. We are waiting for minor items from either the contractor or the COE to complete all the items required for the turnover to be formally signed. We intend on following the same format used with Highland for the 81 ST Street Pump Station.
- '9. Stage V Phase I (Wicker Park Manor). This project was completed by the corps over 10 years ago and has , been mowed and inspected by the Town Of Highland on an annual basis. There will be some additions to this segment at the East end as part of the Stage V- Phase 2 project, and upon acceptance for final inspection, this segment will also be turned over to the Town of Highland.

10. Griffith Levees ( Cline Avenue to Colfax) adjacent to the NIPSCO R/W and the NSRR tracks to the North. Spare parts and an electric sluice gate operator have been turned over to Griffith and signed off. O&M manuals have been distributed and manuals were turned over at the end of the Burr St. - Phase I project.

a. Griffith has kept these areas clean and have cleaned colector ditches, operated the 3 sluice gates, and assured the Cady Marsh feature that come into this area are maintained. Final turnover will be done in the near future.

b. The Cline to E.J.&E RR segment is currently being worked on to determine what will be required to become certifiable and then Griffith will also have to assume the responsibility for O&M.

Little Calumet River, Indiana Local Flood Protection Burr St. Betterment Levee Phase 2 – Gary Contract No. W912P6-06-XX-0099

Subject: Turn-over of As-Built Drawings

- 1. The following items were turned over to Mr. Jim Pokrajac.
- a. Six (6) sets of full-scale paper drawings [One (1) for LCRBDC, Two (2) for the City of Gary, One (1) for North-West-Engineering, One (1) for Greeley and Hansen Engineering and One (1) for the Gary Sanitary District]
  - b. One (1) set of half-scale paper drawings [One (1) for LCRBDC].
- c. Eight (8) copies (CDs) of the Microstation .DGN drawing files. One (1) for North-West Engineering, One (1) for Greeley and Hansen Engineering, Two (2) for the LCRBDC and Four (4) for the City of Gary.
- 2. Any questions regarding this matter shall be directed to Curtis Lee or the undersigned at (219) 923-1763.

James E. Pokrajac
LCRBDC

James E. Pokrajac
LCRBDC

James E. Pokrajac
LCRBDC

City of Gary, IN

DE Lashia B. Tyrant 3/2/08

James E. Pokrajac
LCRBDC

Succident States S. Tyrant 3/2/08

James E. Pokrajac
LCRBDC

LCRBDC

James E. Pokrajac
LCRBDC

James E



# Little Calumet River Basin Development Commission

6100 Southport Road Portage, Indiana 46368

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

WILLIAM BILLER, Chairman Governor's Appointment

TO:

E-mail: littlecal@nirpc.org

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

Geraldine Tousant, City of Gary Stan Dostatni, City of Hammond John Bach, Town of Highland

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

FROM:

James E. Pokrajac, Agent

**Engineering/Land Management** 

MARK GORDISH, Secretary Mayor of Hammond's Appointment

SUBJECT:

Transmittal of O&M Manual on September 7, 2007

ARLENE COLVIN Mayor of Gary's Appointment

DATE:

March 25, 2008

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

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY Porter County Commissioners' **Appointment** 

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney

On September 7, 2007, I transmitted a copy of the Army Corps Operations and Maintenance Manual for your review. This is a preliminary copy and we need your input prior to submitting a final manual for use by your municipality. I would ask that you submit your comments or concerns no later than April 25 in order to incorporate any changes into the final version of the manual. Once I have received your comments, I will forward them to the Army Corps so they can enter them into their Dr. Checks system. If I do not receive any comments from you, I will assume you are satisfied with the preliminary copy.

I have also enclosed a copy of the memorandum we sent to you on September 7, 2007. If you have any questions regarding this request, please contact me and I will assist you in any way I can. Thank you for your attention to this matter.

enci. /sjm

CC:

Luci Horton, Gary Sanitary District Arlene Colvin, LCRBDC and City of Gary Jay Niec, Greeley & Hansen Mark Gordish, LCRBDC and City of Hammond Bernie Zemen, President, Highland Town Council Bob Huffman, LCRBDC, O&M Committee Chair William Rochford, Army Corps Imad Samara, Army Corps



# Little Calumet River Basin Development Commission

6100 Southport Road Portage, Indiana 46368

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

WILLIAM BILLER, Chairman Governor's Appointment

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Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners'

Appointment

CHARLIE RAY, Secretary Porter County Commissioners'

Appointment

ARLENE COLVIN Mayor of Gary's

Appointment

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

MARK GORDISH Mayor of Hammond's Appointment

**ROBERT HUFFMAN** Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

DR. MARK RESHKIN Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER **Executive Director** 

LOU CASALE Attorney

TO:

Geraldine Tousant, City of Gary

Stan Dostatni, City of Hammond

Richard Underkofler, Town of Highland

FROM:

James E. Pokrajac, Agent

Engineering/Land Management

SUBJECT:

Transmittal of O&M Manual

DATE:

September 7, 2007

Enclosed is a current Operation and Maintenance manual along with a computer disk for your review and comments. The Army Corps of Engineers requested that you submit your comments no later than October 5, 2007. Please make arrangements to distribute this manual, or copies of this manual, to the appropriate personnel from your municipality for their review. The Army Corps also requests that you submit your comments to them via the Dr. Checks data base. Any questions regarding the use of Dr. Checks for this review may be directed to Mr. William Rochford at 312-846-5450 or his email address at william.a.rochford@usace.army.mil.

/sim

Encl.

Cc:

Luci Horton, Gary Sanitary District

'Arlene Colvin, LCRBDC and City of Gary

Jay Niec, Greeley & Hansen

Mark Gordish, LCRBDC and City of Hammond

John Bach, Town of Highland

Bob Huffman, LCRBDC, O&M Committee Chair

William Rochford, ACOE Imad Samara, ACOE

# Jim Pokrajac

From:

"Mike Mitsch" <mmitsch@austgen.com>

To: Sent: "Jim Pokrajac" <jpokrajac@nirpc.org> Wednesday, March 26, 2008 3:50 PM

Subject:

Flap & Sluice gates

9A flap gate, 10A flap & sluice, 10B flap & sluice, 12A sluice, 13A Grate & gauge adjustment, 17 flap gate, 24A flap gate, 24B flap gate,

25 flap gate & sluice, 29 flap gate, 32 flap gate, These are DONE

We have six more flap & sluice gates to do. The last six is going to be the hardest ones



# **INDIANA DEPARTMENT OF TRANSPORTATION**

# **Driving Indiana's Economic Growth**

LaPorte District 315 East Boyd Boulevard, P.O. Box 429 LaPorte, Indiana 46350, 46352 (219) 362-6125 FAX: (219) 325-7516

Mitchell E. Daniels, Jr., Governor Karl B. Browning, Commissioner

March 10, 2008

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

RE: Request for Authorization to Install Replacement Flap Gates at Two Outlets to Little Calumet River
Replacement of Existing 54-inch Waterman F-10 Flap Gate with 54-inch Tide Flex TF-1 "Duckbill" East of Kennedy Avenue Replacement of Existing 48-inch Neenah R-5050-SF48 Flap Gate with 48-inch Tide Flex TF-1 "Duckbill" East of Indianapolis Boulevard Hammond, Lake County, Indiana

Dear Mr. Gardner:

The Indiana Department of Transportation respectfully requests written permission and authorization from the Little Calumet River Basin Development Commission to perform the following construction work at the outlets of two existing structures which drain into the Little Calumet River in Hammond, Lake County, Indiana, and for which the plans have been attached:

- 1) Replacement of the existing 54-inch Waterman F-10 flap gate at the outlet of a 54-inch diameter RCP pipe which drains to the Little Calumet River and is located approximately 90 feet east of the centerline of Kennedy Avenue with a 54-inch Tideflex TF-1 "Duckbill" flood valve.
- 2) Replacement of the existing 48-inch Neenah R-5050-SF48 flap gate at the outlet of a 48-inch diameter RCP pipe which drains to the Little Calumet River and is located approximately 75 feet east of the centerline of Indianapolis Boulevard with a 48-inch Tideflex TF-1 "Duckbill" flood valve.

The work involved at both locations would involve removing and hauling away the existing flap gates, installing thimble plates to the existing headwalls, and then installing the Tideflex "Duckbill" flood valves.

The Kennedy Avenue outlet drains an area which includes a segment of the mainline Borman Expressway and the southeast quadrant of the Borman Expressway (I-80/I-94) at the Kennedy Avenue Interchange. Property information indicates that the property at which this outlet is located is owned by the City of Hammond. INDOT previously requested permission from the Hammond Board of Public Works and Safety to access and perform construction at this site in correspondence dated October 8, 2007. This request was approved by the Hammond Board of Public Works and Safety on October 25, 2007.

The Indianapolis Boulevard outlet drains an area which includes a segment of the mainline Borman Expressway, the southeast quadrant of the Borman Expressway (I-80/I-94) and Indianapolis Boulevard Interchange, and adjacent areas. Available property information indicates that the property at which this outlet is located is apparently within INDOT right-of-way.

www.in.gov/dot/ An Equal Opportunity Employer Mr. Dan Gardner Little Calumet River Basin Development Commission March 10, 2008 Page - 2

The work to replace these flap gates is considered necessary since the existing flap gates are subject to interference by debris and could remain open during flood events, as occurred at both of these structures during the recent flooding of August 23 - 26, 2007. The Tide Flex flood valves are much less susceptible to interference by debris and will provide a higher level of protection against backwater from the Little Calumet River.

The construction work is planned to be carried out by INDOT workers from the LaPorte District office. Prior to removing the existing flap gates, and until after the Tideflex gates are successfully installed and inspected, the existing sluice gates located upstream of the outlets will be closed to prevent any possibility of backflow from the Little Calumet River during construction activities, which are anticipated to take several days. We do not anticipate any disruption to traffic along either Kennedy Avenue or Indianapolis Boulevard during this time. Small staging areas will be required for equipment and materials, and all disturbed areas will be cleaned and re-seeded as necessary prior to leaving the sites.

INDOT is also requesting permission and authorization for construction of these flap gate replacements from the U.S. Army Corps of Engineers Chicago District. We have also provided copies of the plans to the City Engineer for the City of Hammond for review and comments.

Due to the nature of flooding conditions on the Little Calumet River which could impact the Borman Expressway, we request your review and written permission to install the flap gate replacements as soon as possible. In the event that we do not receive a response from your office on or before April 25, 2008 we will assume that the plans have been reviewed and are satisfactory to the Commission. We anticipate starting the work as soon after April 25, 2008 as possible, of course depending on ordering and receiving the replacement duckbills and river and weather conditions. We will notify you by phone or e-mail at least one week in advance of when construction activities will occur and will coordinate all construction activities as needed with your staff.

In the meantime, if you have any questions or require additional information, please contact John Pangallo (317-234-5602), the INDOT Project Manager for this project, or Lee Randell (219-325-7586), INDOT LaPorte District.

Thank you for your time and consideration of our request.

Sincerely,

INDOT

Mike Monahan

Director, LaPorte District Office

Attachments

Copy: Stan Dostatni, Hammond City Engineer (w/o Attachments)

Imad Samara, U.S. Army Corps of Engineers Chicago District (w/o Attachments)

John Pangallo, INDOT

Richard Rampone, Earth Tech

## Jim Pokrajac

From:

To:

"Jim Pokrajac" <jpokrajac@nirpc.org> "Imad Samara" <imad.samara@usace.army.mil>; "Ackerson, Rick D LRC"

<Rick.D.Ackerson@usace.army.mil>; "Rochford, William A LRC"

<William.A.Rochford@usace.army.mil>

Cc:

<dgardner@nirpc.org>; <glh@garcia-consulting.com>; "Anderson, Douglas M LRC"

<Douglas.M.Anderson@usace.army.mil>

Sent:

Tuesday, March 18, 2008 2:16 PM

Subject:

Indot Coordination for Kennedy and Indianapolis Flap Gates

Imad.

I received a copy of a letter to Dan Gardner dated March 10, 2008, and you, Stan Dostatni, and Rick Rampone were copied. This letter referred to the replacement of existing Waterman flap gates at the Southeast quarters of Kennedy and Indianapolis Ave. with the Little Calumet River with "Tideflex Duckbill" flood gates. I had been coordinating this initially with Rick Rampone from Earthtech, then kind of lost touch as to the current status. This letter indicates the replacement, but I wanted to assure that the corps has had the opportunity to review their plans and specs. In addition, I think that somehow the Griffith office should be there to oversee compliance with corps design requirements. Do we also want to salvage the 54", or the 48" to possibly use somewhere else in the project? The letter indicated that the City of Hammond is the owner of the Kennedy Avenue property (I'm sure the LCRBDC has easement rights to this area- what will be required by the corps to allow them access, or can Hammond authorize this?) The Indianapolis Blvd. location apparently is within the Indot right-of way, but we also have permanent easement rights for our project; same question. They mention that the sluice gates will be closed during this procedure to prevent landside flooding. Will this cause any problems with landside water not being able to drain to the river. It appears to me that they are requesting written permission which would allow them to start work a soon as possible after April 25, 2008. Has the corps been involved in this process, does Indot have your blessing, do you have any questions or comments, do you agree with their proposal for coordination, and who will assume responsibility for O&M and emergency response for replacing the gates. One last item; I requested some time ago, a response to installing some type of water level gauge to be installed adjacent to these structures using a reference of colors rather than cross-referencing elevations. The installation of these gauges should be done at the same time the gates are replaced. Do you have an opinion? Please respond so I know how to proceed from here.

Thanks,

Jim Pokrajac

#### MEMORANDUM FOR CELRC-PM-PM

SUBJECT: Little Calumet River Flood Control Project – Flood Induced Stage Impacts Due to the Corps Project at the NIPSCO Gas Facility East of Grant St. and South of the Little Calumet River

- 1. Reference: 05 November 2007 letter from Little Calumet River Basin Development Commission.
- 2. The recent flooding experienced during the August 2007 and September 2006 flood events were extreme flood events. These two events were the largest on record (since records began in 1943) for the USGS gage on Hart Ditch at Munster which is the most significant source of flood flows through the Corps' Little Calumet River Flood Control Project.
- 3. There is no gage located directly at the regulator station, but peak stage results from our HEC-RAS model for the Little Calumet River are presented in the following table 1.

Table 1 – Maximum Stages for Various Frequency Floods and With/Without Project Conditions\*

Conditions*					
Flood event	Flood event Flood Event		Current Project	Final Project	
Frequency	Recurrence	Condition*	Condition**	Condition***	
(Percent	rcent Interval (Years)		Maximum	Maximum	
Chance	1	Stage (ft	Stage (ft	Stage (ft	
Exceedance)		NGVD)	NGVD)	NGVD)	
50	2	594.2	594.2	594.2	
20	5	594.8	594.9	594.9	
10	10	595.1	595.1	595.1	
4	25	595.7	596.0	596.2	
2	50	596.2	596.6	596.8	
1	100	596.4	597.0	597.2	
0.5	200	597.0	598.2	598.1	
0.2	500	597.6	599.0	598.9	

<sup>\*</sup> Pre-Project - River conditions prior to the Corps Flood Control Project

<sup>\*\*</sup> Current Project - River conditions as they currently exist including portions of the Corps Flood Control project that have been constructed to date

<sup>\*\*\*</sup> Final Project - River conditions with the Corps Flood Control project fully constructed (approximately 2009/2010)

#### CELRC-TS-DH

SUBJECT: Little Calumet River Flood Control Project – Flood Induced Stage Impacts Due to the Corps Project at the NIPSCO Gas Facility East of Grant St. and South of the Little Calumet River

- 4. The project has insignificant stage impacts for frequent flood events and more of an impact for less frequent flood events at the regulator station location. From the river model data in the table above and peak stage data from the August 2007 flood at the USGS stage gage on the Little Calumet River at Burr Street it is estimated that the stages were increased approximately four inches at the regulator station during the recent August 2007 flood event. This stage increase compared to the total depth (in excess of four feet) would not in itself necessitate a professional diver as compared to preproject conditions.
- 5. Flood remediation work has been performed on this facility in the past to mitigate project induced flood impacts to the facility. This was work that was previous coordinated with NIPSCO in the past and constructed with their review and approval.
- 6. Please contact Mr. Rick Ackerson of the Hydraulic and Environmental Engineering Section at extension 5511 if you have further questions.

ay Al-Semmler, P.E

Chief, Hydraulic and Environmental

Engineering Section



# Little Calumet River Basin Development Commission

6100 Southport Road Portage, Indiana 46368

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

WILLIAM BILLER, Chairman Governor's Appointment

ROBERT MARSZALEK, Vice Chairman Governor's Appointment

R. KENT GURLEY, Treasurer Lake County Commissioners' Appointment

MARK GORDISH, Secretary Mayor of Hammond's Appointment

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STEVE DAVIS Dept. of Natural Resources' Appointment

ROBERT HUFFMAN Governor's Appointment

JOHN MROCZKOWSKI Governor's Appointment

VACANCY
Porter County Commissioners'
Appointment

VACANCY Governor's Appointment

VACANCY Governor's Appointment

DAN GARDNER Executive Director

LOU CASALE Attorney March 13, 2008

Mr. Timothy A. Dehring General Manager NIPSCO 801 E. 86<sup>th</sup> Avenue Merrillville, Indiana 46410

Dear Tim:

Referencing your letter dated October 11, 2007 regarding standing water problems on your power line right-of-way west of Grant Street, I have attached a memorandum from the Army Corps dated March 11, 2008. This memorandum addresses your concerns regarding the flooding last summer that affected your gas regulator station and emergency valve pit. The Army Corps memorandum indicates flood events and their levels referenced through a USGS river level monitor gauge at Hart Ditch. That gauge indicated that this particular event was the largest on record since 1943. They also provide data regarding frequencies and river levels relative to this project.

If you have direct questions regarding this data, you may contact Rick Ackerson from the Chicago Army Corps of Engineers office, Hydrology and Environmental Engineering Section, at 312-846-5511 (as referenced in Item #6 of their memorandum). If you have any additional questions or need clarification regarding this issue, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent Engineering/Land Management

/sjm encl.

CC:

John Carr, NIPSCO
Dave Starkey, NIPSCO
Dana Clark, NIPSCO
Imad Samara, ACOE
Jay Semmler, ACOE
Rick Ackerson, ACOE

## Jim Pokrajac

From: "Lewandowski, Frank T LRB" < Frank.T.Lewandowski@usace.army.mil>

To: "Karwatka, Edmund J LRC" <Edmund.J.Karwatka@usace.army.mil>; "Samara, Imad LRC"

<lmad.Samara@usace.army.mil>; "Ibrahim, Mohammed F LRC"
<mohammed.f.ibrahim@usace.army.mil>; "Anderson, Gary R LRC"

<Gary.R.Anderson@usace.army.mil>

Cc: "Babcock, Scott L LRC" <scott.l.babcock@usace.army.mil>; "Cunningham, Matthew W LRC"

<matthew.w.cunningham@usace.army.mil>; "Pokrajac, James," <jpokrajac@nirpc.org>

Sent: Tuesday, March 04, 2008 6:08 AM

Subject: RE: Little Cal. Stage VIII - Sluice gate operators. (UNCLASSIFIED)

We will add the four electric operators to the specs.

#### Frank

----Original Message----

From: Karwatka, Edmund J LRC

Sent: Monday, March 03, 2008 2:12 PM

To: Samara, Imad LRC; Ibrahim, Mohammed F LRC; Anderson, Gary R LRC;

Lewandowski, Frank T LRB

Cc: Babcock, Scott L LRC; Cunningham, Matthew W LRC; 'Pokrajac, James,' Subject: Little Cal. Stage VIII - Sluice gate operators. (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

In Dr. checks based on recommendation by Imad, I requested 4 electric sluice gate operators for Stage VIII. The response was that in earlier discussions with Local Sponsors, they did not need any more operators for Little Cal. After conversation with Imad this morning, he suggested I ask Jim Pokrajac, the local sponsor. Jim said that they would very much like 4 more operators included in Stage VIII. Please add 4 electric operators as specified in Dr. Checks along with the electric cords and slip clutches specified. Thank You.

Edmund

Classification: UNCLASSIFIED

Caveats: NONE



#### **WOLVERINE PIPE LINE COMPANY**

March 1, 2008

State of Indiana 6100 Southport Rd. Portage IN 46368

RE: Wolverine Easement W-0052AA

Parcel # 001-41-49-0480-0007

Part of Section 24, Calumet Township 36N, Range 9 West, Lake County Indiana

Wolverine Pipe Line Company is clearing its pipeline easement of brush, trees and other obstructions, and we will be working upon the above-described property in the near future. We have been unable to contact you by other means, so I am sending you this letter in our attempt to contact landowners before we perform such routine maintenance upon their property.

I would appreciate it if you would please confirm that this letter has reached you and that you are the current owner of the property. Please contact our agent, Mr. Walter Zych, at (269) 876-9890 to confirm this information. Your prompt assistance and cooperation in this matter is appreciated.

Fred W. Hipshear Right-of-Way Agent 1921 Alta Vista Ave. Munster, IN 46321 April 9, 2008

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

Dear Mr. Gardner,

I am writing because I haven't heard back from you since either our phone conversation on or about February 6 or my subsequent recorded phone message of March 5 regarding our concerns about the recent developments along the 8300-8400 block of Hawthorne of the Hart Ditch phase of the Little Calumet Flood Control Project, specifically the total removal of vegetation on both sides of Hart Ditch resulting in our loss of privacy and security.

My recollection is that you were going to check with Mr. Frank Mrvan and Mr. Jim Pokrajac about these concerns in light of the following:

- 1. As attendees at the meeting held at Munster Town Hall on April 23, 2007 we recall that "...no vegetation would be taken from the East side of Hart Ditch..." especially since "...the Corp doesn't like to remove any more trees than necessary." Obviously that has not happened.
  - 2. Now that the natural screen has been removed on both sides of the ditch, we desperately need some sort of privacy and security especially from the summer activities in Wicker Park; specifically the triangular "grove" now wide open to our homes that have made them "fish bowls".
  - 3. Based on heresay, we understand that a cyclone fence will be installed on the East side of the ditch. This, however is hardly a "screen".

Additionally, as you know, our concerns from the outset have been aesthetics. With this in mind, kindly respond in writing, (hopefully before your next regularly scheduled meeting) to the following suggestions and /or questions:

1. The relocation of the present cyclone fence in Wicker Park further south of the "grove" so that this area will become part of the golf course rather that a place for more noisy seasonal activities

- 2. The installation some sort of commercial privacy fence and/or vegetation along the East side of the ditch along the walking trail, between the "grove" and the ditch
- 3. The purpose of the unsightly concrete building on the West side of the ditch... If it is necessary, how will it be made more attractive? Why does it require a phone line?
- 4. The cost of coloring the "faux stone wall" to blend with the natural surroundings
- 5. How, when, and by whom will the Town begin it's commitment to a landscaping plan?

Because it is our understanding that the Township "donated" the land in question to the LCRBDC, that the Town has committed to landscaping, and that the phone lines and poles were relocated from the west side of the ditch, we are optimistic that the Corp, the Township, and the Town can provide a solution to these rather simple requests to enhance the limited natural peace and beauty of life in our urban setting.

Appreciatively,

Barbara Whitaker, Resident

And the state of t

XC: Jim Pokrajac, Engineer
Frank Mrvan, North Township Trustee
Jim Mandon Town Engineer
Tom DeGiulio, Town Manager
Imad Samara, Project Manager
Steve Enger, Resident
Residents 8300 block of Hawthorne