



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

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

MEETING NOTICE

THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION
AT 6:00 P.M. WEDNESDAY, OCTOBER 3, 2007
AT THE COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, IN

ONE-HALF HOUR WORK STUDY SESSION – 5:30 P.M.

A G E N D A

1. Call to order by Chairman Bill Biller
2. Pledge of Allegiance
3. Recognition of Visitors and Guests
4. Approval of Minutes of September 5, 2007 1-5
5. Chairman's Report
 - Additional discussion on recent flooding
 - > News articles 6-9
 - > Follow-up meetings with municipalities, INDOT
 - > INDOT commitment to immediate, interim, and long term solution to flooding
6. Action Required:
 - Finance:
 - Approval of additional monies added into Monthly Budget Report 10
 - Approval of claims for September 2007 11
 - Approval of O&M claims for September 2007 1, 2, 13
 - Approval of Stage VII claims 14-16
 - Approval to fund the gaging station on Hart Ditch in Munster at a yearly cost of \$6,000
 - Land Acq:
 - Approval of increased offer on DC1131
 - Approval to enter into condemnation (If needed) on DC1229, DC1236, DC1245, and DC1248
7. Executive Director's Report
 - Summary of meeting with Col. John Drolet, Roy Deda, and Imad Samara on September 10th 17
 - Funding strategy to complete project flood control construction
 - > Letter sent to RDA by Governor Daniels and Congressman Visclosky 18-22

Jim Sandy
Jim Duda
Jim Woy
Imad Samara
Elizabed
Jim Woy P.T.
NO LO RR AIDE
black slacks
lt. blue skirt top

8. Standing Committees

A. Finance Committee – Report by Treasurer Kent Gurley

- Financial status report for end of September 2007
- Burr Street II account closed; monies have all been paid to Gary
- Issues for discussion

23

B. Land Acquisition/Land Management Committee – Committee Chair Bob Marszalek

Land Acquisition

- Appraisals, offers, acquisitions
- Status of activity for Stages VII and VIII
 - To date, 15 signed offers for Stage VII to be funded by Munster
 - Appraisers to have completed 89 appraisals by 10/30/07 for Stage VIII

24-26

Land Management

- RFP update for 32 acres east of Clay Street
- Issues for discussion

C. Project Engineering Committee – Committee Chair Bob Huffman

- Contract to be awarded by September 30th for Stage V-2
 - Dyer Construction apparent low bidder for V-2
 - Received Corps information on V-2 contract duration
- Status of Stage V-2 pipeline corridor
- Coordination conference calls with FEMA
- Issues for discussion

27

D. Operation & Maintenance – Committee Chair Bob Huffman

- Report on Committee meeting held on October 1st
- Sluice gate/flap gate inspections tentatively scheduled for mid-October
- Letter to GSD requesting coordination for turnover
- O&M manuals sent to Gary, Hammond, & Highland for O&M review
- Issues for discussion

E. Legislative Committee – Committee Chair

- Issues for discussion

F. Environmental Committee – Committee Chair Mark Reshkin

- Issues for discussion

G. Recreational Development Committee – Committee Chair Bob Huffman

- Issues for discussion

H. Policy Committee – Committee Chair Bob Marszalek

- Issues for discussion

9. Other Issues / New Business

10. Statements to the Board from the Floor

11. Set date for next meeting; adjournment

MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT
COMMISSION HELD AT 6:00 P.M. WEDNESDAY, SEPTEMBER 5, 2007
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

In Chairman William Biller's absence, Vice Chairman Robert Marszalek called the meeting to order at 6:00 p.m. Six (6) Commissioners were present. Pledge of Allegiance was recited. The guests were recognized.

Development Commissioners:

Arlene Colvin
Robert Huffman
Steve Davis
Bob Marszalek
Mark Reshkin
Kent Gurley

Visitors:

Bill Petrites – Highland resident
Imad Samara – Project Manager, Corps of
Engineers
Elizabeth Johnson – Congressman
Visclosky's Office

Staff:

Dan Gardner
Sandy Mordus
Lou Casale
Jim Pokrajac
Judy Vamos
Lorraine Kray

The minutes of the meeting held on August 1, 2007 were approved by a motion from Bob Huffman; motion seconded by Arlene Colvin; motion passed unanimously.

Chairman's Report – Vice Chairman Bob Marszalek referred to Dan Gardner for the Chairman's report. Mr. Gardner reported that we have a new Commissioner, Mark Gordish (Hammond Assistant City Engineer), who has been appointed to the Commission by Mayor McDermott to replace George Carlson. His term will expire December 2009.

• Mr. Gardner informed the Board members that Col. Droulet, District Director Roy Deda, and project manager Imad Samara will be coming to the office on September 10 at 11:00 to meet the Commissioners. All Commissioners are encouraged to attend. Imad added that this is an opportunity to talk to the Colonel about any concerns or problems we feel we have. Mr. Gardner said that some of the issues he wants to emphasize is the fast track schedule, funding strategy, fairness regarding crediting for our side of the 75/25% ratio (especially two areas: INDOT bridge crediting and appraisal crediting relative to Cabela's property). Commissioner Reshkin asked if the recent flooding situation would be discussed; Mr. Gardner thought that it would be discussed, especially since the Colonel did tour during the flooding event. A lengthy discussion ensued on the flooding. Mr. Gardner stated that he met with INDOT at the LaPorte District office where the discussion centered on why the Borman flooded. The best assessment of the flooding, at this time, is that where there was an abnormal amount of rain in a short a period; the river did not overflow its banks, the large open drainage ditches that were along Kennedy before the interchange construction are now paved allowing no safety factor, and a flap gate that was most likely open should have been previously cleaned and the adjacent sluice gate should have been

closed. Also, there was a levee failure at Cabela's, which caused their property to be flooded. It was the old existing levee, which supports the reasoning behind replacing the old levees with new, Federally-certified levees. It was apparent that better coordination between all agencies/cities/towns need to happen. Now that everyone knows that a problem exists, everyone can work together to find a solution. INDOT has taken the responsibility of hiring a firm (Earth Tech) to do an actual assessment of not only the Kennedy Avenue interchange, but other drainage related issues along the I-80/94 corridor. Their findings will help identify the problems and the solutions. The Commissioners questioned our role in this. At this point, Mr. Gardner stated that he thought we should be involved in the coordination of the design of a new pump station but not participate in the funding. He felt that INDOT should fund whatever measures are taken for correction. Commissioner Reshkin asked staff to develop a bullet point presentation that we can share with the Colonel. Jim Pokrajac added that this flooding stresses the importance of INDOT being involved in all future meetings of emergency management; they play a key role.

- Mr. Gardner referred to the news article saying that the town of Munster officially approved financing the private property owners in Stage VII Munster, up to \$302,000. We will submit the signed Uniform Land Offers to them as we receive them to get money for each acquisition.

- Mr. Gardner reported that he and Chairman Bill Biller met with the Mayor and Marty Wielgos on August 16 in which they discussed the current schedule of V-2 not being completed by end of 2008, as originally estimated. Mr. Gardner stated Cabela's would open on October 19 and that a meeting should be held to see if anything could be done to expedite the schedule to allow out lots development. They also discussed the donation of the remaining city easements north of the river in Stage VII (Northcote to Columbia). Imad Samara stated that an amendment on V-2 was going out and they anticipate bid opening to be September 17 and award a contract by the end of September.

Action Required – Treasurer Kent Gurley made a motion to approve the monthly claims of \$125,184.69; 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 \$20, 055.90; motion seconded by Bob Huffman; motion passed unanimously.

- After discussion, it was determined that the \$2 million allocated from the State Budget Committee will be added into the monthly budget report to reflect this additional amount.

Executive Director's Report – There was additional discussion on the recent flooding. Mr. Gardner stated we had 3 storms in 4 days totaling approximately 9-1/2". He further stated that one of the reasons traffic from the closed Borman was diverted all the way to U.S. 30 was that INDOT traffic diversion to another state road and U.S. 30 is the closest road to the Borman. Once U.S. 30 incurred problems from the flooding situation, traffic was then diverted north on Route 41 to Route 20 over the 9-span bridge (which had been declared closed for truck traffic). It was a very bad situation but could have been much worse. Some of the traffic tried to use Ridge Road but, given that semi traffic is not allowed on Ridge Road, many tickets were being written by the police. Commissioner Reshkin asked if consideration should be given to allow a non-voting seat on the Commission for INDOT, since we now know what a key role they play. Mr. Gardner said we have a person we will be working with from now on and he will be invited to Commission meetings. It was also

discussed the key role that Lake County Emergency Management plays, given they are the only entity that can request state help. Local entities cannot go directly to State Emergency. Jeff Miller is the head of Lake County Emergency Management and he moved some pumps from Lowell to the area to assist in the pumping. Concern was expressed by the Army Corps about the lack of coordination. Mr. Gardner stated a 2-hour phone call was held on Friday afternoon with Federal, State, county, Commission, INDOT and local officials to coordinate communication. A second call was held at 7:30 a.m. on Saturday, so the effort was made to coordinate. Commissioner Reshkin stated O&M is here and we need to be prepared. Jim Pokrajac added that the Corps stated that the LCRBDC is expected to provide field coordination on site during flood events to help the overall efforts being made. The Corps cannot direct anyone – only advise. The LCRBDC is responsible to make those decisions in reference to emergency response and contacting pertinent people. He also stated that the Corps said they were disappointed in some of the communities' response. They are encouraging us to have a meeting with those communities to get an emergency response plan in place from each community, as well as the Lake County Emergency Management, who has the statutory responsibility.

- Mr. Gardner reported that he met with Mark Lopez and gave him updated information on the local contributions the Commission has received to date and the economic benefits estimate of the project. Mr. Lopez wants a spread sheet format, which staff will develop. Staff will also develop an Executive summary – where we are and where we want to be. Once Mr. Lopez is OK with the information we have, we will meet with the Congressman.
- Commissioner Reshkin commented that when the project ends, we are responsible for operational stage; we have not yet addressed the funding mechanism for O&M. Mr. Gardner stated that we need to schedule an O&M committee meeting to discuss this. Mr. Reshkin thought that the Corps should be able to advise us and let us know what amount of funding we need and a breakdown of the associated tasks for operation. Mr. Gardner stated we have a legal contract with the Corps to provide a Superintendent for the O&M and have the responsibility to assure it is being done by the assignees of an agreement.
- Mr. Gardner informed the Commission members that Mayor McDermott had a press conference on September 4 in which he presented the key to the city to George Carlson. Chairman Biller also presented George with a service plaque from the Commission for his 24 years of service. It was a very nice ceremony and George's family was in attendance.

Finance Committee – Finance action was already taken. The financial statement for end of July can be found on page 13 of the agenda packet.

Land Acquisition/Land Management Committee – Committee Chairman Bob Marszalek referred to Judy Vamos to give the report. Ms. Vamos distributed a real estate report to all members. In V-2, there are still seven options to the right-of-entry. We have already eliminated four of the eleven options we had. Staff is working on the remaining seven. Jim Pokrajac added, that although it was very unfortunate, it was the old levee that failed at the old Woodmar Country Club. Some residents argued that there was no need to replace the old levee because it has always worked. We cannot say that anymore. If the new tie-back levee along Northcote had not been built at Cabela's, the flooding situation would have extended into the Schliger subdivision.

- Ms. Vamos reported that offers are now being sent out in Stage VII to Munster. Munster has approved up to \$302,000 to finance those offers being made to Munster residents.
- In Stage VIII, Judy met with the appraisers several times so they have a good understanding of what is expected of them. We have seven appraisers doing over 90 appraisals in Stage VIII.
- There was no report for land management.
- Mr. Gardner asked for authority to put the RFP on the street for the 32 acres wetland mitigation/ creation east of Clay Street and north of Burns Ditch in Lake Station. He would put it out for a 21 day response back that we could either accept or reject any or all proposals. Mr. Gurley made a motion for staff to proceed with the RFP after Bill Biller (as Chairman), Bob Huffman (as committee chairman) and Lou Casale (as attorney) all review it before release; motion seconded by Bob Huffman; motion passed unanimously. Mark Reshkin asked staff to check with Tom Keilman of BP Amoco. Mr. Gardner added that we would also send the RFP to selected parties that we have on file, in addition to media advertisement. Judy Vamos added that she has talked to about six different mitigation banks that seemed interested. We'll send a direct mailing to those we know of.

Project Engineering Committee – Committee Chairman Bob Huffman referred to Jim Pokrajac for a report. Mr. Pokrajac reported that cost estimates are coming in from the utilities and pipeline companies for V-2. We have received about six estimates. We anticipate having up to \$1,250,000 of remaining IEDC funds to help pay for the utilities. The Army Corps Huntington District is reviewing the costs to determine they are fair and reasonable. We have not received anything back from them. We need to have a conference call with them regarding subordinated agreements.

- Mr. Huffman referred to the letter from the Corps stating their inability to develop a design document for the Griffith levee to obtain FEMA certification. Mr. Gardner suggested that staff be directed to proceed with solicitation for necessary services. There are three separate levee segments as part of the Griffith levee, each as a separate contract, and each with a different contractor. Mr. Gardner talked to Stan Dobosz about getting as-built drawings, soil borings, location of water or sewer lines, or any other information that is public record. We have not received anything yet. The Board consensus was that staff move forward. Staff was directed to draft a RFP and to bring it back to the Board before solicitation.

- Discussion was held about the pump station that INDOT is to build in V-2 as part of their last phase of Indianapolis Blvd construction from Ridge Road to 81st Street. It appears they have delayed this contract. Once the Corps contract is let for the V-2 levee, it is hoped that INDOT will revisit the importance of their pump station contract.

Operation & Maintenance Committee – Committee Chairman Bob Huffman referred to Jim Pokrajac for a report. Mr. Pokrajac reported that he is working on O&M turnover to the city of Gary. Levee inspections were completed; pump station inspections were completed; there are still some sluice gate/flap gate inspections that will be scheduled in late September. Levees are in good shape; only minor repairs need to be done. About 80% of outstanding items on the pump stations have been completed. We will continue to pay for O&M costs until everything is brought up to as-built condition. The recent flooding caused problems with silting and debris that required the flap gates to be cleaned again due to high river

H

elevation. Mr. Gardner stressed that we need to meet again with the city and GSD; we need to start the land transfer. He has had several potential Gary developers consistently calling him, wanting to build in Gary and even committing to doing the O&M in the respective area they are interested in.

Legislative Committee – There was no report.

Environmental Committee – There was no report.

Recreation Committee – There was no report.

Policy Committee - There was no report.

Other Business – Mr. Gardner referred to the email received from Dennis Simala of North Township who is asking for technical assistance from the Corps to see if anything can be done during the interim period until the V-2 construction is completed to reduce a risk of reoccurrence of Hart Ditch overflowing. Mr. Gardner stated that they are not looking for money from us but only technical assistance from the Corps.

- Mr. Gardner also referred to the updated chart showing the projected Federal and non-Federal funding required for the remainder of the project construction.

Statements from the Floor – Highland resident Bill Petrites could not emphasize enough, the importance of INDOT moving up their construction of a pump station on Indianapolis Blvd. in Highland. He asked us to contact INDOT and see if there is anything we can do to move up their construction. In this last flooding episode, they came very close to flooding. Had a pump station been in place, it would have helped a great deal. Mr. Gardner offered to write a letter to INDOT, stressing the need, especially once a contract was awarded for Stage V-2 in this area. He also suggested that the town of Highland and North Township should also write a letter, stressing their concern and urging that INDOT reconsider pushing the project back to a later date.

There being no further business, the meeting was adjourned. The next scheduled Board meeting is set for 6:00 p.m. on Wednesday, October 3, 2007.

Water gate flap may have caused Borman floods

■ No final consensus yet,
but when gates closed,
'things got better.'

By JON SEIDEL

Post-Tribune staff writer

An investigation into why the Borman Expressway flooded last month has found one important clue.

Angie Fegasas, a spokeswoman for Indiana Department of Transportation, stressed that everything, including the broken device known as a flapgate, is still under investigation and no final conclusions have been reached.

However, she continued to defend INDOT's recent construction on the highway.

"The picture that our road caused the flooding is very inaccurate," Fegasas said.

INDOT closed all eastbound and two westbound lanes on the Borman on Aug. 24, the day the region took a final wallop in a series of summer storms.

It took nearly a week to reopen all lanes and interchanges to traffic.

When the flooding began, it seemed there was tension between INDOT and the Little Calumet River Commission.

INDOT said water from the Borman could not drain into the Little Calumet River because the river had flooded. But Dan Gardner, executive director of the river commission, said that wasn't true.

On Thursday, though, Fegasas said no such tension ever existed. Gardner added that he was using the U.S. Army Corps' definition of a flood, and he now understands why INDOT made those comments.

What was not well known at the time, Gardner said, was that a flapgate in a drainage pipe wasn't doing its job.

The flapgates are designed to close automatically when water flows in the direction of the highway, sealing the pipe shut.

Neither Gardner nor Fegasas could say what agency is responsible for maintaining the flapgate, nor would they say if it was individually to blame for the flooding.

But Imad Samara of the U.S. Army Corps of Engineers said dangerous accumulation of water on the highway receded once officials decided to close the back-up gates.

"When we closed them," Samara said, "things kind of got better."

Fegasas said there is no timeline for completion of INDOT's investigation. A post-crisis team met last week at the offices in LaPorte, and the final results will be reported to the public.

Officials are also looking into a privately owned levee that broke near Indianapolis Boulevard, Fegasas said, as well as a malfunctioning lift station in Hammond.

"All parties have come together to work as a team to further investigate the flooding, to establish future guidelines and to further investigate an alternative drainage system," Fegasas said.

Gardner, who praised INDOT for its proactive approach, said the timing of the flood could turn out to be favorable, if any changes need to be made to the highway's drainage system.

Another contract is about to be awarded in the Army Corps' Little Calumet River flood control project, Gardner said, and it will take place in the area where the flood occurred.

If a consensus can be reached on what caused the flood by the end of September, Gardner said, it might be possible to add the remedial work to the contract.

"As early as Thanksgiving we could have repairs, remediation, being done," Gardner said.

Staff writer Gitte Laasby contributed to this report.

Contact Jon Seidel at 881-3148 or jseidel@post-trib.com

STORM FOLLOWUP COVERAGE

Flapgate blamed for Borman flooding

A broken flood prevention device near Kennedy Avenue in Hammond might have thwarted attempts to drain the Borman Expressway last month, spilling water back onto the road.

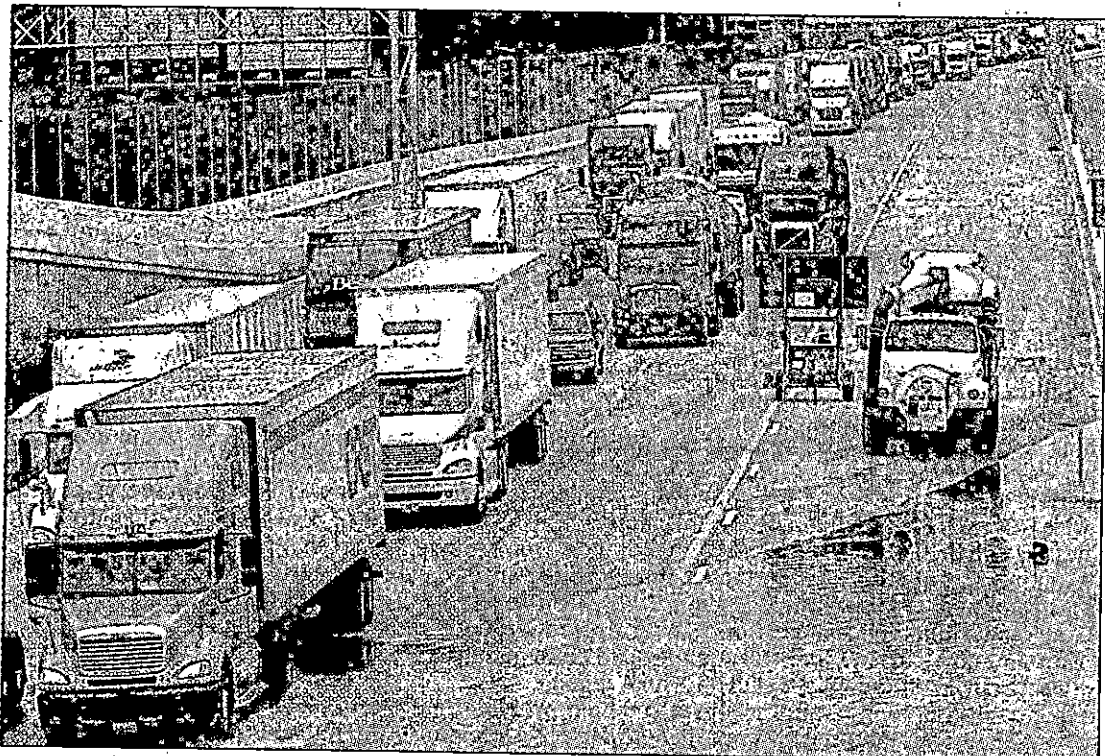
That's an early discovery in

an investigation by the Indiana Department of Transportation, the Little Calumet River Basin Commission, the U.S. Army Corps of Engineers and the city of Hammond.

All four have come together to figure out why the Borman,

one of the busiest highways in the country, was forced to close almost entirely for several days in August.

If what caused the flood can be determined soon, repairs could begin as early as November.



POST-TRIBUNE FILE PHOTO

Flood water forced the closure of two westbound lanes and all eastbound lanes of Interstate 94 from Indianapolis Boulevard to Cline Avenue in the wake of storms on Aug. 24. A state report said a broken device, called a flap gate, may have contributed to the problem.

THE TIMES onwi.com

TUESDAY
SEPTEMBER 18, 2007
50 cents

RIDGE EDITION

Officials cite flapgate in flooding on Borman

Findings show Hammond's pump stations not to blame

BY SUSAN BROWN
sbrown@nwtimes.com
219.836.3780

HAMMOND | An open flapgate to the drainage system on the east side of Kennedy Avenue is believed to have contributed to last month's massive flooding on the Borman Expressway, officials said Monday.

The flapgate is designed to open and close automatically in response to the level of the Little Calumet River, according to representatives of the Little Calumet River Basin Development Commission and the U.S. Army Corps of Engineers.

The flapgate didn't close as it should have to stop the flow of the rising river, they said. And a backup

system north of the flapgate, known as a sluice gate, was not closed until Tuesday, five days after the Borman was closed to traffic.

"There is consensus that (the flapgate) was stuck open," said Dan Gardner, the commission's executive director. "The flapgate didn't function as needed, but it also didn't get a quick response."

The failure was multifurisdictional because there wasn't a clear understanding of who had to do what, he said.

"While (the flapgate) was draining INDOT's property and their interchange, it may be on a Hammond right of way," Gardner said.

The Indiana Department of Transportation therefore believed the flapgate was not its responsibility, he said.

Likewise, there might have

been an assumption that the Army Corps should have done something, but the Army Corps is not responsible for the maintenance and operation of the flood system, he said.

Gardner was among those meeting Monday to explore the cause of the flooding that closed the Borman for several days in late August.

The group included representatives of the commission, the Army Corps, INDOT and Earth Tech Inc. A meeting with Hammond officials is scheduled for Thursday, Gardner said.

Gardner also ruled out any failure on the part of Hammond's pumping stations as a contributing factor because the city doesn't process runoff from the Borman.

Woodmar Avenue flooding set for quick fix

BY SUSAN BROWN

sbrown@nwitimes.com

219.836.3780

HAMMOND | Woodmar Avenue residents soon may see some relief from the flooding that has overwhelmed the neighborhood in recent years.

City Engineer Stan Dostatni on Tuesday said a pipe under the Borman Expressway at Indianapolis Boulevard will be equipped with a special flapgate to control the flow of water during a rainstorm.

During the last major storm, water from the pipe backflowed into the neighborhood because of the water pressure from the south, he said.

In addition to installing the flapgate, the area on the south side of the Borman at Woodmar Avenue continues to be sandbagged.

"It may not be the permanent solution, but in the short-term, it's a good idea," he said.

A solution to the flooding at Woodmar Avenue was among several issues discussed Thursday when Dostatni met with representatives of Earth Tech Inc., the consultant firm hired by the Indiana Department of Transportation to find the causes of August's massive flood on the Borman. Also present were Sanitary District Manager Michael Unger and Sewer Department Superintendent Scott Mitchell.

As far as the state's study

goes, the flooding at Woodmar is the most critical issue for the city, Dostatni said.

"It was mostly information-gathering," he said of Thursday's meeting. "We gave them historical data, GIS information, information about the elevation of the river."

Dostatni said he also provided information about the city's pump stations though he believed only one may have any effect on the Borman.

He was told the Borman is under review from Cline Avenue to Calumet Avenue, Dostatni said.

Also on Thursday, at a meeting of the Northwestern Indiana Regional Planning Commission, it was announced INDOT has set aside \$250,000 for preliminary engineering work on a solution to the flooding on the Borman.

The money can be used as soon as Earth Tech comes up with a solution, according to Dan Gardner, executive director of the Little Calumet River Basin Development Commission.

"They are serious about trying to cut time on this project," Gardner said.

Mayor Thomas McDermott Jr. said the city will work closely with INDOT on any solution Earth Tech comes up with.

Times staff writer Keith Benman contributed to this report.

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
MONTHLY BUDGET REPORT,

	2007							UNALLOCATED
	BUDGET	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ALLOCATED BUDGETED
							TOTAL	BALANCE
5801 PER DIEM EXPENSES	7,500.00	0.00	0.00	0.00	0.00	0.00	2,450.00	2,450.00 5,050.00
5811 LEGAL EXPENSES	3,500.00	283.33	283.33	283.33	283.33	283.33	283.33	1,699.98 1,800.02
5812 NIRPC SERVICES	145,000.00	11,742.56	12,743.90	12,536.24	13,188.58	12,475.34	12,586.25	75,272.87 69,727.13
5821 TRAVEL/MILEAGE	2,500.00	38.40	41.00	12.40	14.00	24.40	489.20	619.40 1,880.60
5822 PRINTING/ADVERTISING	2,000.00	0.00	0.00	0.00	0.00	0.00	36.82	36.82 1,963.18
5823 BONDS/INSURANCE	8,000.00	0.00	150.00	0.00	6,406.25	0.00	0.00	6,556.25 1,443.75
5824 TELEPHONE EXPENSES	6,500.00	469.54	472.65	527.86	553.80	506.48	584.25	3,114.58 3,385.42
5825 MEETING EXPENSES	5,000.00	79.50	188.50	106.95	0.00	0.00	0.00	374.95 4,625.05
5840 PROFESSIONAL SERVICES	1,700,000.00	35,139.96	72,326.12	77,003.90	163,308.17	56,647.33	101,469.82	505,895.30 1,194,104.70
5860 PROJECT LAND PURCHASE EXP.	1,628,000.00	1,783.00	49,686.00	15,109.00	15.00	0.00	109,517.86	176,110.86 1,451,889.14
5882 UTILITY RELOCATION EXP.	1,000,000.00	0.00	0.00	0.00	3,229.90	1,196.16	265.26	4,691.32 995,308.68
5883 PROJECT LAND CAP. IMPROV.								0.00 0.00
5884 STRUCTURES CAP. IMPROV.								0.00 0.00
5892 PROJECT COSTSHARE/ESC ACCT	1,442,583.00							0.00 1,442,583.00
	5,950,583.00	49,536.29	135,891.50	105,579.68	186,999.03	71,133.04	227,682.79	776,822.33 5,173,760.67

	2007							UNALLOCATED
	BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ALLOCATED BUDGETED
							TOTAL	BALANCE
5801 PER DIEM EXPENSES	7,500.00	0.00	0.00	0.00				2,450.00 5,050.00
5811 LEGAL EXPENSES	3,500.00	283.33	283.33	283.33				2,549.97 950.03
5812 NIRPC SERVICES	145,000.00	12,055.26	13,069.34	12,325.44				112,722.91 32,277.09
5821 TRAVEL/MILEAGE	2,500.00	30.80	155.80	36.40				842.40 1,657.60
5822 PRINTING/ADVERTISING	2,000.00	0.00	0.00	30.00				66.82 1,933.18
5823 BONDS/INSURANCE	8,000.00	0.00	0.00	0.00				6,556.25 1,443.75
5824 TELEPHONE EXPENSES	6,500.00	549.22	559.76	394.86				4,618.42 1,881.58
5825 MEETING EXPENSES	5,000.00	0.00	59.67	235.34				669.96 4,330.04
5840 PROFESSIONAL SERVICES	1,700,000.00	26,077.53	65,809.52	33,418.46				631,200.81 1,068,799.19
5860 PROJECT LAND PURCHASE EXP.	1,628,000.00	116.00	98.00	0.00				176,324.86 1,451,675.14
5882 UTILITY RELOCATION EXP.	1,000,000.00	0.00	45,149.27	0.00				49,840.59 950,159.41
5883 PROJECT LAND CAP. IMPROV.								0.00 0.00
5884 STRUCTURES CAP. IMPROV.								0.00 0.00
5892 PROJECTCOSTSHARE/ESC ACCT	1,442,583.00							0.00 1,442,583.00
	5,950,583.00	39,112.14	125,184.69	46,723.83	0.00	0.00	0.00	987,842.99 4,962,740.01

CLAIMS PAYABLE FOR SEPTEMBER 2007

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	CASALE,WOODWARD & BULS LLP	283.33	MONTHLY RETAINER,THROUGH SEPTEMBER 24,2007
5812	NIRPC	12,276.42	SERVICES PERFORMED AUGUST 2007
5812	UPS	49.02	OVERNIGHT MAIL
5821	SANDY MORDUS	36.40	MILEAGE FOR SEPTEMBER 2007
5822	TROPHY SOURCE	30.00	COST INCURRED FOR PLAQUE FOR GEORGE CARLSON
5824	AT & T	394.86	BILLING PERIOD 8/16/07-9/15/07(TOTAL BILL 417.31 KRBC 22.45)
5825	CARDMEMBER SERVICES	235.34	EXPENSE FOR SEPT 10, 2007 MEETING WITH CORP
5842	SHORT ELLIOTT HENDRICKSON INC	1,008.25	ENGINEERING SERVICES RE: PUMP STATION II
5843	STEWART TITLE SERVICES	490.00	TITLE WORK RE: DC-1175(INV #6168)
5843	STEWART TITLE SERVICES	490.00	TITLE WORK RE: DC-1175 (INV#6175)
5843	STEWART TITLE SERVICES	490.00	TITLE WORK RE: DC-1172(1 OF 3)
5843	STEWART TITLE SERVICES	490.00	TITLE WORK RE: DC-829(2 OF 3)
5843	STEWART TITLE SERVICES	490.00	TITLE WORK RE: DC-1172(3 OF 3)
5843	STEWART TITLE SERVICES	100.00	TITLE WORK RE: DC-1330
5844	JAMES E POKRAJAC	6,708.30	ENGINEERING/LAND AGENT 8/16/07-8/31/07
5844	JAMES E POKRAJAC	411.60	AUGUST MILEAGE
5844	JAMES E POKRAJAC	5,571.30	ENGINEERING/LAND AGENT 9/3/07-9/14/07
5844	JUDITH VAMOS	3,742.18	LAND ACQUISITION AGENT SERVICES 8/16/07-8/31/07
5844	JUDITH VAMOS	3,225.30	LAND ACQUISITION AGENT SERVICES 9/4/07-9/14/07
5844	G. LORRAINE KRAY	822.90	CREDITING TECH & LAND ACQUISITION ASST 8/21/07-8/30/07
5844	G. LORRAINE KRAY	1,033.80	CREDITING TECH & LAND ACQUISITION ASST 9/5/07-9/13/07
5844	SANDY MORDUS	100.00	CREDITING TECHNICIAN SERVICES 8/20/07-8/28/07
5844	SANDY MORDUS	100.00	CREDITING TECHNICIAN SERVICES 9/10/07-9/13/07
5849	CASALE.WOODWARD & BULS LLP	7,827.73	LAND ACQUISITION/LEGAL SERVICES FOR PERIOD ENDED 9/24/07
5849	CASALE WOODWARD & BULS LLP	517.00	LAND UTILITY RELOCATION/LEGAL SERVICE THROUGH 9/24/07

TOTAL

46,723.83

//

**APPROVAL TO PAY THE FOLLOWING INVOICES
FROM O&M FUND
October 3, 2007**

-
- **\$55.97 to T-Mobile for costs incurred for cell phone for engineer field work; monthly service 8/11/07 – 9/10/07**
 - **\$2,500.00 to Tallgrass Restoration for weed control, herbicide application to weeds growing within levee control structures**
 - **\$48,800.00 to Austgen Electric Inc. for cleaning various flap gates and sluice gates**
 - **\$7,725.73 to Austgen Electric Inc. for material (adapters) and labor**

TOTAL \$ 59,081.70

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

CLAIMS PAYABLE FOR OCTOBER 2007
TO BE DRAWN FROM MUNSTER – UP TO \$302,000

<u>Budget Code</u>	<u>DC Number</u>	<u>Amount</u>
5860	DC-1224	\$4,040
5860	DC-1228	\$7,102
5860	DC-1230	\$15,905
5860	DC-1231	\$6,483
5860	DC-1232	\$9,323
5860	DC-1234	\$10,945
5860	DC-1235	\$ 7,206
5860	DC-1238	\$12,793
5860	DC-1239	\$11,080
5860	DC-1240	\$13,635
5860	DC-1242	\$9,390
5860	DC-1243	\$7,217
5860	DC-1246	\$12,530
5860	DC-1247	\$20,205
5860	DC-1249	\$1,254
TOTAL		\$149,108



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

Indiana Water Science Center
5957 Lakeside Boulevard
Indianapolis, Indiana 46278-1996
(317) 290-3333

September 6, 2007

Ms. Sandy Mordus
Little Calumet River Basin Commission
6100 Southport Road
Portage, IN. 46368

Dear Ms. Mordus:

Enclosed are three copies of the Joint Funding Agreement for operation and maintenance of the streamflow gaging station located on Hart Ditch at Munster for federal fiscal year 2008 (October 1, 2007 to September 30, 2008). Please sign all originals; return one signed original to this office and retain the other originals for your records.

Work performed with funds from this agreement will be conducted on a fixed-price basis. You will receive one billing for the total agreement at the end of the federal fiscal year (September 2008). The results of all work under this agreement will be available for publication by the U.S. Geological Survey.

If you have any questions concerning this agreement, please call the Budget Analyst, Tonja Clark, at (317) 290-3333, extension 123. Should you have any technical questions please contact Scott Morlock at extension 153. We appreciate your support in this program and look forward to continuing our successful relationship during future federal fiscal years.

Sincerely,

William R. Guertal
Director

Enclosures

Form 9-1366
(Oct. 2005)

**U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement**

Page 1 of 2

Customer #:	IN042
Agreement #:	08E4IN2412006
Project #:	2412-00100
TIN #:	351517363
Fixed Cost Agreement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

FOR

THIS AGREEMENT is entered into as of the 6th day of September, 2007, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Little Calumet River Basin Commission, party of the second part.

- The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a program to operate a streamflow gaging station on Hart Ditch at Munster, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
- The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$0.

(a) \$5,500.00 by the party of the first part during the period
October 1, 2007 to September 30, 2008

(b) \$6,000.00 by the party of the second part during the period
October 1, 2007 to September 30, 2008

\$500.00 unmatched funding

- Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
 - The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
- The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
 - The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
 - The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
 - During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
 - The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

15

Form 9-1366
continuedU.S. Department of the Interior
U.S. Geological Survey
Joint Funding AgreementCustomer #: IN042
Agreement #: 08E4IN2412006
Project #: 2412-00100
TIN #: 351517363

8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered Annually. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey
United States
Department of the Interior

Little Calumet River Basin Commission

USGS Point of ContactName: Scott Morlock
Address: 5957 Lakeside Blvd
Indianapolis, IN 46278
Telephone: (317) 290-3333, extension. 153
Email: smorlock@usgs.govCustomer Point of ContactName: Sandy Mordus
Address: 6100 Southport Road
Portage, IN 46368
Telephone:
Email:SignaturesBy William R. Guertal Date 9/6/07
Name: William R. Guertal
Title: DirectorSignaturesBy _____ Date _____
Name: Dan Gardner
Title: Executive DirectorBy _____ Date _____
Name:
Title:By _____ Date _____
Name:
Title:By _____ Date _____
Name:
Title:By _____ Date _____
Name:
Title:

16



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

WILLIAM BILLER, Chairman
Governor's Appointment

ROBERT MARSZALEK, Vice Chairman
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

COMMISSION AGENDA ITEMS

1. **Project Construction Completion Issues**
 - Schedule for remaining construction segments
 - Required COE/Commission coordination
 - Funding availability/issues
2. **Post Construction Operation & Maintenance and Emergency Response Issues**
 - Recent flooding re-cap of COE/Commission issues
 - Closer INDOT coordination needed
 - Operation & maintenance progress/strategy
 - Commission/local emergency response capacities
3. **Other Issues**



STATE OF INDIANA
OFFICE OF THE GOVERNOR
State House, Second Floor
Indianapolis, Indiana 46204

Mitchell E. Daniels, Jr.
Governor

September 24, 2007

Mr. John Clark
Chairman
Northwest Indiana Regional Development Authority
101 West Ohio Street, Suite 1250
Indianapolis, IN 46204

Dear Mr. Clark:

We write to you today to request the Northwest Indiana Regional Development Authority's assistance with addressing a critical need in this region of the state.

As you are aware, the completion of the Little Calumet River Flood Control and Recreation project is at a decisive juncture. Since 1990, \$119.2 million in federal funds have been secured to support the levee construction. These funds are directed to the U.S. Army Corps of Engineers (USACE) to match the contributions of the State of Indiana via the non-federal sponsor, the Little Calumet River Basin Development Commission (LCRBD). To date, two construction contracts remain to award in order to complete the project by its December 2009 deadline. Currently, there is \$15 million in Fiscal Year 2008 Appropriations to support construction activities.

The completion of this project will benefit Northwest Indiana's economy, as approximately 3,500 acres of urban land along the Borman Corridor will be available for development. More importantly, approximately 9,500 homes will be removed from the floodplain and Hoosier homeowners will be relieved of the burden of collectively paying millions of dollars per year for flood insurance -- funds that would instead become disposable income for residents of the area. Recent flooding events that affected much of Northwest Indiana demonstrate the need to protect these homeowners, their families, and their property. Unfortunately, these recent floods are not the only instance where Northwest Indiana has suffered damage, and in the past year the State of Indiana has twice requested that the area be designated to receive federal disaster funds.

We respectfully request that you, as Chairman of the Board of the Northwest Indiana Regional Development Authority (RDA), seek the Board's approval to provide the \$6 million in local match funding needed to complete the levee work. The state's 2007-2009 Biennium Budget allocated \$2 million to the LCRBDC. However, a gap remains between this \$2 million and the funding needed to complete the project. Without additional funding, the LCRBDC will be unable to provide the necessary non-federal funding to proceed with the

construction of the project. The final two segments, between Northcote Avenue in Munster and the Indiana/Illinois State Line, will not be constructed, affecting the residents of the City of Hammond and the Town of Munster, and the construction of the completed segments would have been for naught.

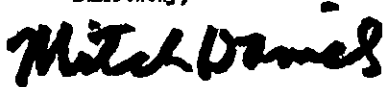
We understand this expenditure is not mentioned in the RDA Strategic Plan that has been approved by the State Budget Agency and the Budget Committee, nor is it specifically mentioned in the legislation that created the Authority. This is, however, a unique opportunity to help stimulate economic development in Northwest Indiana. Under this argument, it does appear to be an appropriate function of the RDA, to act when a unique and rare situation such as this presents itself. We urge you and your Board to act expeditiously to approve this investment.

With respect to the Board and the responsibilities with which they have been entrusted, we would propose this funding be considered an advance be repaid over the next several years through state appropriations contained in the biennial state budget for the project. The Board has our commitment to work with legislators to secure these funds in subsequent state budgets.

Further, to ensure the completion of this project that has been delayed for far too long, we believe the funds should be specifically dedicated to the construction activities and the associated non-federal responsibilities, namely land acquisition and utilities relocation, rather than administrative costs. Given the importance of getting people, homes and businesses out of the floodplain, we hope that the RDA will agree that these funds must be targeted only for construction and land acquisition activities. The specific arrangements for disbursement would, of course, be left to the RDA.

We respectfully submit this request on behalf of the residents of Northwest Indiana, and urge you to consider this request with their interests first and foremost in mind.

Sincerely,



Mitchell E. Daniels
Governor of Indiana

Sincerely,



Peter J. Visclosky
Member of Congress

9-25-07

Don't pick RDA's pockets to fund flood control work

The issue: Northwest Indiana Regional Development Authority priorities
Our opinion: The RDA was created for specific purposes. It was not intended to replace traditional sources of money for projects connected with Northwest Indiana.

The Little Calumet River levee project has gone on way too long. But that doesn't mean the Northwest Indiana Regional Development Authority holds the right answer to finishing it.

Indiana Gov. Mitch Daniels and U.S. Rep. Pete Visclosky, D-Ind., disagree. They sent a letter Monday asking the RDA to provide the \$6 million in local funds needed to complete the work.

The letter was addressed to RDA Chairman John Clark, who might find it hard to say no to Daniels. After all, the governor not only appointed Clark to the RDA but also made him chairman.

Clark also is Daniels' senior adviser on economic growth issues.

That makes it all the more important for the other board members to say no to this request.

The Little Calumet project itself isn't the issue. It promises great benefits.

"When complete, the Little Calumet River flood control project will get people, homes and businesses out of the floodplain

Your opinion, please



www.nwi.com/opinion

Should the RDA fund the Little Calumet River flood control project? Share your thoughts at

and eliminate their mandatory flood insurance payments — which is essentially an automatic tax cut for the people affected in Northwest Indiana," Visclosky said.

Visclosky has convinced the federal government to pump \$119.2 million into the project since 1990.

But even the letter by Daniels and Visclosky acknowledges the project was in neither the RDA strategic plan approved by the State Budget Agency and Budget Committee, nor the legislation that created the RDA.

Monday's letter is, in fact, a symptom of the tendency to treat the RDA as a very tempting piggy bank for projects that have any connection to Northwest Indiana.

The RDA was created to supplement, not replace, the region's appropriate share of state funds.

The Little Calumet River-Basin Development Commission, the local partner for the project, should have been fully funded in the state budget. The \$2 million set aside in the two-year budget wasn't enough, and the General Assembly knew it. Blame the lawmakers for not including enough to finish the work.

But don't look at the RDA as a pot of gold. It has plenty of other vital tasks to accomplish — ones spelled out when the RDA was created:

- Expanding the Gary/Chicago International Airport.
- Supporting regional bus service.
- Pursuing the expansion of commuter rail service.
- Supporting the Marquette Plan for lakeshore development.

Fully supporting those projects will take every bit of the RDA's available money. Don't dilute that funding stream by diverting money to projects that should have been funded elsewhere.

The Times,

September 26, 2001

Flood relief request gets a cautious response

Payback, mandate among key questions from RDA

BY KEITH BENMAN
kbenman@nwtimes.com
219.933

Monday's flood relief request from two of the Northwest Indiana Regional Development Authority's most powerful backers had board members choosing their words cautiously on Tuesday.

"Because this is an unusual request it will take some careful thought," said RDA member Howard Cohen, when contacted Tuesday morning.

On Monday, RDA chairman John Clark received a letter from Gov. Mitch Daniels and U.S. Rep. Pete Visclosky, D-Ind. asking for \$6 million to complete the Little Calumet River Flood Control and Recreation project.

The letter also stated the two leaders will work to get the RDA repaid out of state budget appropriations made every two years.

Request

Continued from D1

Cohen, appointed to the RDA by Hammond Mayor Thomas McDermott Jr., said the request does raise some "complicating issues" but deferred further comment, saying he had first seen the request Monday night.

RDA board member Carmen Fernandez, an appointee of East Chicago Mayor George Pabey, noted the request is "outside the four corners" of the legislatively mandated projects the RDA is focused on.

Those are South Shore commuter rail expansion, regional bus service, Gary/Chicago International Airport and the Marquette Plan for lakefront development. It might fall under a broader mandate for economic development, she added.

The RDA also is considering proposals for a study of high-speed rail and a pilot program for computer-controlled traffic management. It

also has heard from groups and individuals proposing Hovercraft ferries to Chicago, a monorail from Indianapolis, a water park and a Broadway-style music venue.

Fernandez wants to know more about how the Indiana General Assembly has been funding the flood control project up until now and why it needs emergency funding from the RDA.

"What did people do before the RDA?" Fernandez said.

Hammond Mayor Thomas McDermott said he supports the request, because it will end flood insurance payments for homeowners and spur development.

In their letter, the governor and congressman point out that since 1990, \$119.2 million in federal funds have been secured for the project. It has resulted in the construction of levees and other flood control measures, from Gary to Highland. Every two years, the Indiana General Assembly has appropriated \$2 million as a local match for the federal funds.

In their letter, Clark and Vis-

closky point out approximately 3,500 acres of land along the Borman Expressway corridor will become available for development and 9,500 homes removed from the flood plain as a result of the project.

"The congressman is committed to doing whatever is necessary to get people out of the flood plain," said Visclosky spokesman Justin Kitsch, on Tuesday. "That's what is driving everything."

Daniels and Visclosky have been among the RDA's biggest boosters, with both playing key roles in its creation. The governor also played a key role in its funding, securing \$100 million from the Indiana Toll Road lease for the RDA over 10 years.

In addition, Daniels is RDA Chairman John Clark's boss. Clark is director of the Indiana Office of Energy and Defense Development and a key adviser to the governor.

RDA executive director Tim Sanders said he already has been fielding questions from board members on the request. The RDA's next meeting is tentatively scheduled for Oct. 16.

POST TRIBUNE
September 26, 2007

OUR VIEW

Little Cal deal is fine, with some conditions

A gentlemen's agreement is a risky way to go when it comes to government pledges and finances.

Yet, that is exactly what Gov. Mitch Daniels and U.S. Rep. Peter Visclosky have entered into in an effort to finalize the Little Calumet River flood-control project. It will be up to the Northwest Indiana Regional Development Authority to approve the agreement.

The two officials are asking the RDA to advance the project \$6 million to serve as the local match to \$15 million in federal funding. Because a construction contract must be awarded to complete the Little Calumet project by its December 2009 deadline, Visclosky's office said it would be too late to wait for the Indiana Legislature to reconvene in January.

With some reservation, we urge the RDA to enter into the loan agreement. Because the Little Calumet work has been ongoing since 1990, it will be satisfying to know this will complete the flood-control portion of the project. The last phase is between Northcote Avenue in Munster and the state line.

Once finished, 3,500 acres of land along the Borman Expressway will become available for development. And, 9,500 homes no longer will be in a flood plain, meaning their owners no longer would have to pay for flood insurance. In some respects, RDA participation can be justified because it is an economic development project. The troublesome part of the proposal is that Daniels and Visclosky are telling the RDA the funding should be considered an advance to "be repaid over the next several years through state appropriations contained in the biennial state budget for the project."

Given the attitude of most of the state toward NWI, it could be difficult to recoup that \$6 million. Also, we encourage the RDA to see that "the next several years" be made less vague and more timely.

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
FINANCIAL STATEMENT
JANUARY 1, 2007 - AUGUST 31, 2007

CASH POSITION - JANUARY 1, 2007

CHECKING ACCOUNT		
LAND ACQUISITION	180,024.55	
GENERAL FUND	52,129.93	
TAX FUND	0.00	
INVESTMENTS		
SAVINGS	760,563.12	
ESCROW ACCOUNT INTEREST	4,411.06	
	<hr/>	997,128.66

RECEIPTS - JANUARY 1, 2007 - AUGUST 31, 2007

LEASE RENTS	133,395.64	
INTEREST INCOME(FROM CHECKING)	1,316.52	
LAND ACQUISITION	781,370.73	
ESCROW ACCOUNT INTEREST	3,657.11	
MISC. RECEIPTS	1,165.00	
KRBC REI	858.24	
TRANSFERRED FROM SAVINGS	589,225.01	
PROCEEDS FROM VOIDED CHECKS		
TOTAL RECEIPTS		1,510,988.25

DISBURSEMENTS - JANUARY 1, 2007 - AUGUST 31, 2007

ADMINISTRATIVE		
2004 EXPENSES PAID IN 2005	150,159.58	
PER DIEM		5,100.00
LEGAL SERVICES		2,266.64
NIRPC		98,959.37
TRAVEL & MILEAGE		1,033.40
PRINTING & ADVERTISING		36.82
BONDS & INSURANCE		6,481.25
TELEPHONE EXPENSE		4,986.00
MEETING EXPENSE		758.08
LAND ACQUISITION		
LEGAL SERVICES		77,730.16
APPRAISAL SERVICES		126,150.00
ENGINEERING SERVICES		31,066.25
LAND PURCHASE CONTRACTUAL		50,230.00
FACILITIES/PROJECT MAINTENANCE SERVICES		
OPERATIONS SERVICES		44,603.90
LAND MANGEMENT SERVICES		146,752.84
SURVEYING SERVICES		156,264.80
MISCELLANEOUS EXPENSES		
ECONOMIC/MARKETING SOURCES		
PROPERTY & STRUCTURE COSTS		277,778.86
MOVING ALLOCATION		
TAXES		
PROPERTY & STRUCTURES INSURANCE		
UTILITY RELOCATION SERVICES		4,691.32
LAND CAPITAL IMPROVEMENT		
STRUCTURAL CAPITAL IMPROVEMENTS		
BANK CHARGES MERCANTILE		48.00
PASS THROUGH FOR SAVINGS		475,786.79
PAYBACK TO SAVINGS		
TOTAL DISBURSEMENTS		1,510,724.48

CASH POSITION - AUGUST 31, 2007

CHECKING ACCOUNT	
LAND ACQUISITION	117,904.66
GENERAL FUND	***110,856.48
TAX FUND	
TOTAL FUNDS IN CHECKING ACCOUNT	228,761.14

CHASE SAVINGS ACCOUNT BALANCE	94,276.96
(LAND ACQ IN HOUSE PROJECT FUNDS)	*38,054.35
(O & M MONIES)	**53,863.29

*Note: Original \$700,000 note

**Note: O & M Fund comprised of remaining LEL Money, \$185,000 Interest Money, and \$133,721.49 Marina Sand Money

SAVINGS INTEREST 2,359.32

***Note: Interest deposited from Savings 25,700; Escrow Interest 4,418; Burr St Interest 5,220

CHASE SAVINGS ACCOUNT	1,488.11
BURR ST PHASE II GARY	
INTEREST	1,488.11

TOTAL SAVINGS	95,765.07
ESCROW ACCOUNT INTEREST AVAILABLE	3,650.17

TOTAL OF ALL ACCOUNTS 328,176.38

This same letter was individually addressed to Stage VIII residents who attended the neighborhood meeting.

September 14, 2007

Stacy Brouman
264 Southmoor Road
Hammond, Indiana 46324

Subject: Tentative timetable of acquisition procedure for the Little Calumet River Flood Control and Recreation Project with the Little Calumet River Basin Development Commission (LCRBDC) as local sponsor.

Dear Stacy Brouman:

I'm writing you as a recap of the meeting held on Monday, September 10, 2007 with representatives of the Little Calumet River Flood Control and Recreation Project and several residents along Southmoor Road in Hammond to discuss the flood control project's progress. We discussed the project, its impact and current design, and timetable of events for easement acquisitions and commitments by the Little Calumet River Development Commission coming in the next months. Following are our commitments and tentative schedule for the acquisition procedure:

1.) Wednesday and Thursday, September 19 and 20, 2007

Garcia Surveying (Greg Heinzman is the point of contact) will stake out the closest permanent flood protection levee easement in relation to the houses, center line of the flood protection, and elevation of the wall on Wednesday and Thursday, September 19 and 20. Mr. Heinzman will inform residents of the surveyor's arrival. Surveyors will provide identification. The temporary work area easement will be explained in the neighborhood around October 1 at the walkabout with Army Corps and LCRBDC representatives later in the month.

2.) Starting Monday, September 24, 2007:

Appraiser Tom Bochmowski of Bochmowski Appraising will contact each property owner to schedule a time to meet over the next few weeks. Mr. Bochmowski, or his assistant Ken Granack, will call and make appointments to meet with each landowner to discuss property issues. (Landowners have the right to accompany the appraiser and give him any information about the property.)

24

September 14, 2007

Page 2

3.) Starting October 1, 2007:

For about three weeks the appraiser will write and establish easement values for the Area, then submit appraisals for review to be in compliance with CFR Chapter 24 (Federal real estate regulations).

4.) Around the second week of October, 2007:

The Army Corps, LCRBDC representatives, and landowners will participate in a walk-about in the area to review and discuss the required easement and engineering plans. The current plan of the floodwall alignment is the proposed final drawing, pending any unforeseen circumstances. The Army Corps will release the final review drawings for your review. LCRBDC will prepare more user-friendly drawings showing the final line of protection for your review.

5.) LCRBDC will have another meeting with residents before the offers are mailed. It is anticipated that Uniform Land Offers will be mailed to residents at the end of 2007 or early 2008. These easement offers will be the appraised easement value. A copy of the appraisal will be included with the offer.

I have communicated to the Army Corps of Engineers our extreme displeasure with the "field team" appearing in your backyard without any notice or granted permission. Any Army Corps of Engineers team, in the future, will 1.) notify us and 2.) notify those property owners they seek to have access to their property. Permission from the property owners will be obtained.

We apologize for the trespass onto your land without your permission. We will work to see it does not happen in the future. Also, any final decision regarding trees to be saved or cut has yet to be made. These discussions will be held with you and your neighbors prior to any final decision. Please feel free to call me, real estate agent Judy Vamos, or engineer Jim Pokrajac at 219-763-0696 if you need any additional information for have any further questions.

Sincerely,

Dan Gardner
Executive Director

/sjm

September 14, 2007
Page 3

Cc: Elizabeth Johnson, *Congressman's Office*
Tom McDermott, *Mayor of Hammond*
Dan Repay, *Hammond Councilman*
Cynthia Berdine-Matasovsky, *Hammond Councilwoman*
Stan Dostatni, *Hammond City Engineer*
William Biller, *LCRBDC Chairman*
Mark Gordish, *LCRBDC member*
Imad Samara, *U. S. Army Corps of Engineers*
Greg Heinzman, *Garcia Surveying*
Tom Bochnowski, *Bochnowski Appraising*

**BID OPENING RESULTS – INVITATION FOR BIDS for Little Calumet River,
Indiana, Local Flood Protection, Stage V, Phase 2, Munster, Hammond, and Highland,
Indiana**

Bids were opened on 17 September 2007 at 2:00p.m. Central Standard Time for
Solicitation Number W912P6-07-B-0006.

Bid Opener/ Procurement Clerk: Michael Jones
Bid Reader/Contracting Officer: Regina G. Blair
Bid Recorder/Contract Specialist: Anita Simpkins

APPARENT LOW BIDDER:

DYER CONSTRUCTION COMPANY, INCORPORATED
1716 Sheffield Avenue
Dyer, Indiana 46311

OFFICIAL BID AMOUNT: \$15,707,539.75

2nd Apparent Low Bidder:

RAUSCH CONSTRUCTION COMPANY, INCORPORATED
2717 South 13th Avenue
Broadview, Illinois 60155-4715

OFFICIAL BID AMOUNT: \$20,595,899.75

3rd Apparent Low Bidder:

ILLINOIS CONSTRUCTORS CORPORATION
39 W 866 Fabyan Parkway
Elburn, Illinois 60119

OFFICIAL BID AMOUNT: \$20,649,478.00

Government Estimate Without Profit: \$17,411,799.89

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: Oct. 3, 2007

LOCATION: 6100 Southport, Portage CHAIRMAN: Bill Biller

PLEASE SIGN IN

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	Elizabeth Johnson	Congressman Visclosky
2	Jim W. / C	Post-trib
3	Imad Samara	US Army Corp of Engineers
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

WORK STUDY SESSION
3 October 2007

LAND ACQUISITION COMMITTEE
Robert Marszalek, Chairman

(ACTION)

There is one increased offer:

DC 1131 Legal: Lot 13 Block 1 Highland Gardens
Landowner requests LCRBDC pay for the notarizing costs.
Uniform Land Offer is \$392. Propose increase of \$18 to \$410(rounded).
Corps has Approved the Administrative Settlement for crediting.

(ACTION)

There is one definite and four possible condemnations for Stage VII:

Definite Condemnation:

DC 1229 Legal: Lot 51 ex. S 60' Bowling Green 3RD Sub. Offer = \$ 553
Landowner can't be located. We have exhausted all contacts and addresses. This is a definite condemnation.

Possible Condemnations:

DC 1223 Legal: Pt. NE ¼ Sec. 20, T36N, R W 6.125 acres Offer =\$5,964
Landowner is a bank trust. Trusts take longer to respond because the bank is a go-between from landowner to LCRBDC. Problem is time delay. Signed offer may come in at any time. Condemnation is last resort.

DC 1226 Legal: Lots 38 & 39 Bowling Green 3rd Sub. Offer=\$16,600.
Landowner is concerned about the nearness of construction to his in-ground pool. Corps is reviewing the engineering. Condemnation is last resort if negotiations fail.

DC 1236: Legal: Lot 6 Lambert Schoon's 4th Addition Offer =\$13,978
Landowner is concerned about the easement impact on his trees, his landscaping, and sprinkling system. Condemnation is last resort if negotiations fail.

DC 1245 Legal: Lot 6 & Pt. Lot 5 Chayes Manor Addition Offer = \$10,009
Landowner has value issues. Her new Lake County tax bill has her property assessed higher than our appraisal. Condemnation is a last resort if negotiations fail.

STAGE V UPDATE – (Kennedy to Northcote)

Of the five additional acquisitions (four private and one NIPSCo) given to the LCRBDC in August 07, four private landowners have closed. The Corps Stage V construction contract was awarded with two Options (easements not acquired):

- DC 1169 owner Norfolk Southern Railroad,
- DC 1112/1113 owner NIPSCo.

STAGE VII UPDATE – (Northcote to Columbia) ✓

Of the 34 offers sent to landowners:

- 20 private landowners have accepted,
- 5 Munster easements were given to the town on 9/25/07 (donation),
- 2 North Township easements closed,
- 1 definite condemnation,
- 2 corporate landowners under engineering review,
- 4 private landowners still in negotiations.

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

Appraisers are currently in the field appraising 89 properties with appraisals due 30 October 2006. Correcting some survey problems has taken time and set back a few appraisals.

We attended a meeting on 9/10/07 with several residents from Southmoor Road in Hammond who are having a difficult time accepting the flood project. Under the Freedom of Information Act they have requested Corps and LCRBDC information to help them better understand the project. We are compiling with their requests. ✓

EAST REACH (ongoing): I-65 to Cline Avenue

There are 26 flowage acquisitions still to be acquired in the East Reach Stage. These are not high-priority and will be acquired as time permits. The construction schedule for the project is a higher priority.

OPERATION AND MAINTENANCE REPORT

For meeting on Wednesday, October 3, 2007

(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 August 30 – September 26, 2007)

GENERAL SUMMARIZATION (EAST REACH TURNOVER)

1. A meeting was held with the city of Gary, and their new representatives on July 20th, 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
 4. Coordination for emergency responseMaps, pump station reports, O&M detail for maintenance breakdown and costs were distributed and discussed. (Copies available upon request.)
 - Mailed handouts of this meeting to Geraldine Tousant (Deputy Mayor), Gwen Malone (Public Works Director), and Luci Horton (GSD Director) on September 6.
5. A letter was sent to the GSD on September 20, 2007 requesting coordination for turnover of drawings, specs, manuals, and other miscellaneous items as part of the overall process. 1-2
2. A coordination meeting was held at the Gary City Hall on February 28, 2007 to discuss status of O&M and what will be required to turn over excess lands.
 - A follow-up meeting was held on March 22, 2007 and the LCRBDC submitted a "repair" commitment schedule along with a modified "Sluice Gate/Flap Gate Inspection Report"
3. Scheduling of inspections (and remediation prior to inspections)
 - A. A letter was sent to the city of Gary and the Army Corps on August 7, 2007 with the schedule of all upcoming inspections in the East Reach.
 - Levees and floodwalls (August 13, 14, 15) – **Completed (awaiting Corps report)**
 - Pump stations (August 27, 28, 29) – **Completed (awaiting Corps report)**
 - Sluice gates and flap gates (Sept. 12, 13, 14) – **Re-scheduled for approximately mid-October (problems with high water)**

OPERATION AND MAINTENANCE BREAKDOWN STATUS

A. PUMP STATION TURNOVER (Will be first items to turn over)

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 32nd & Cleveland and Marshalltown. (Tentative schedule to complete & turn over July 13, 2007)

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.
 - Each of the three (3) parties **will submit** results of the inspection which included accepted items, items to be put on a punch list, and any questions/clarifications regarding safety or intent of design.
 - A letter was sent to GSD on September 18 indicating the LCRBDC will provide the material for telemetry and a one year subscription in the amount of \$10,490 based upon Commission approval at our September 6, 2006 Board meeting.
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.

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 will be inspected in the near future 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.
 - **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. It was suggested to replace flap gates with “duckbill” type.**
 - Minor items for lubrication or gear boxes are scheduled to be completed by Austgen Electric.
3. Agreements were signed on March 21, 2007 authorizing Austgen Electric to clean, and assure seal for (5) flap gates. This should leave (8) to be completed by May 18 (which is the LCRBDC “repair” commitment to Gary).
 - The inspection of the (5) flap gates were completed on April 9 and were found to seal.
 - The remaining sluice/flap gate work has been authorized on July 5, 2007 for (10) sluice gates and (11) flap gates for a total cost of \$69,150. (Refer to General Summarization in this report on page 1 for status).
 - LCRBDC had Austgen install cables to the flap gates (fastened overhead to the handrails) to ease opening & cleaning in the future.
 - Sluice/flap gate work ongoing and is delayed because of flood waters from August 22-25.

3

C. LEVEE, I-WALL TURNOVER

1. 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.
 - Burr Street betterment levee (EJ&E to Colfax) south of the NIPSCO r/w, was held with Griffith on August 13.
 - 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.
 - LCRBDC awaiting written Corps report to take actions. **(No response as of September 26, 2007)**

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)
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)
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 35th Avenue (This is approximately 189 acres).

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.
 - Received a letter from GSD on August 30, 2006 acknowledging receipt of spare parts lists and assigning a GSD representative to work with Debra Harris to confirm inventory.
2. A letter was sent to city of Gary on October 3, 2006 indicating that the LCRBDC has the (6) electric sluice gate operating drills for inspections.
3. **LCRBDC submitted copies of the current Army Corps O&M Manual for review and comment to Gary, Hammond, and Highland on September 7, 2007. Comments requested no later than October 5, 2007.**

4

F. GRIFFITH – O&M TURNOVER (GENERAL)

1. A meeting was held on June 30, 2005 at the Griffith Town Hall regarding the Process of Griffith being removed from the flood plain. (Refer to Engineering Report - Griffith levee)
2. 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)
3. **An O&M committee meeting is scheduled for October 1, 2007 to review coordination with all municipalities, funding, emergency response, and O&M Manual review.**

5-6

GENERAL SUMMARIZATION (WEST REACH TURNOVER)

A. North 5th Pump Station Turnover

1. 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
 - An email was sent to the COE on December 22 requesting information on turnover; Overstreet legal problems, COE requirements, and inspection requirements. (Ongoing)
 - Turned over (2) sets of "as-built" drawings along with a set of Volumes 1 & 2 of the Operation & Maintenance Manual on March 23, 2007
3. Final pump tests are currently ongoing.
4. Training, spare parts, and final testing was completed in late July, 2007 and a coordination meeting will be held with Highland to begin the O&M turnover process.

EMERGENCY RESPONSE COORDINATION

A. Acceptance of Emergency Response by each project municipality

1. A meeting was held with the COE, LCRBDC, USGS, the National Weather Service, and representatives from all five (5) communities on April 24, 2006.
 - 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. A meeting will be scheduled with all the municipalities in the **fall** of 2007 to provide updated emergency response plans and to incorporate the Little Cal plan accordingly.
- B. Replace river data loggers by the COE and USGS
 1. LCRDAN upgrades (river data loggers) in conjunction with the USGS has been agreed upon by the COE to be provided to replace existing outdated units in Crown Point, Hammond, and Gary.
 - A conference call was held on May 24, 2005 with the COE, LCRBDC, USGS, National Weather Service, and the communities to discuss updating current river level monitoring equipment.
 - A summary of this call was distributed by the COE on May 24 (afternoon).
 - COE provided an update of the status on August 24, 2006. (COE anticipates completion by end of **October**) (Ongoing)
- C. **Received a request from North Township on September 5, 2007 requesting technical assistance to try to avoid future damage to their gold course during a major flood event when Hart Ditch overtops and flows east onto their course, causing heavy silting and clean-up.**

1-9

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. Information has been forwarded to the Corps for engineering review and comments on February 24, 2007.
 3. Received a letter from GRW on May 11 following up on their original request. This was faxed to the Corps on May 16.
 - Received a letter from the Corps dated April 12, 2007 on May 18, 2007 regarding Corps comments and recommendations for their installation of a 30" water line.
 - > This was forwarded to GRW on May 20, 2007. Suggested a conference call to discuss.
 4. 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.

B. LCRBDC executed the agreement with C&H Mowing on June 27, 2007 to mow all levee segments not included in the Landscaping Phase 2 project by July 6, with a second mowing to be done **during the week of October 15, 2007.**

- First mowing cost \$3,750; second mowing cost \$3,250 – with total cost not to exceed \$7,000 without written approval.



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

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

September 20, 2007

Ms. Luci Horton
Director
Gary Sanitary District
3600 West 3rd Avenue
Gary, Indiana 46406

Dear Luci:

The LCRBDC is currently in the process of finalizing our inspections for the city of Gary flood control features that include levees, pump stations, sluice gates and flap gates. Our upcoming sluice gate inspections are anticipated to be completed by early October 2007. A date has not yet been set for the inspections; minor cleaning and repairs are ongoing and were delayed with the recent storms and high water. Also, as part of the turnover process, we have a number of as-built drawings, specifications, manuals, and miscellaneous items that need to be turned over to the city of Gary. There are a large amount of drawings and I need to know how you would like to coordinate this. In the past, we turned over miscellaneous spare parts to the Gary Sanitary District which was coordinated with Debra Harris. Although this is not the final portion of the turnover, it is necessary as part of this process, as we are moving to imminent completion.

As we have discussed in the past, it is critical for the city of Gary to assume operation and maintenance responsibilities for this project as is required by FEMA as part of the certification and the re-mapping of the flood plain.

We stand ready to assist the city of Gary in this portion of turnover process. I will wait to hear from you on how you would like us to proceed.

Sincerely,

Dan Gardner
Executive Director

/sjm

cc: Rudy Clay, *Mayor of Gary*
Geraldine Tousant, *Deputy Mayor of Gary*
Arlene Colvin, *City of Gary, LCRBDC member*
Hamilton Carmouche, *city of Gary attorney*
Richard Comer, *GSD board president*
Dwain Bowie, *United Water*
Jay Niec, *Greeley & Hansen*
Shamel Abou-el-Seoud, *ACOE*
Imad Samara, *ACOE*
Bill Rochford, *ACOE*
Bill Biller, *LCRBDC Chairman*
Bob Huffman, *LCRBDC O&M Committee Chair*
Jim Pokrajac, *LCRBDC Engineering Agent*
Lou Casale, *LCRBDC attorney*

801 East Main Street
Griffith, IN 46319
Ph: 219-924-7528
Fax: 219-922-8409
austgen.com



Engineering
Process Control
Network Service
Telecommunications
Fleet Service

Jim Pokrajac
Little Calumet River Basin Development
6100 Southport
Portage, IN 46368

September 8, 2007

Re: Sluice Gate & Flap Gate Problems.

Jim, as we discussed we have cleaned 15 flap / sluice gates. The majority of the gates are very difficult to access. In order for us to clean the worst ones we have use 5 gallon buckets, ropes, and pulleys. The area around the gates hold water and require we use waders, life jackets and on one a boat. We have attached lifting cables to the flap gates we have cleaned this is required since the gates remain under water most of the time. In order to get to the lifting eye we had to use an under water camera. I would think none of this was anticipated by the ACOE when they were designed. We have found several flap gates wedged open by large sticks and they will not seal when the discharge water elevation changes and requires the flap gate to seal. As you know we cleaned the gates and a large amount of rain came two weeks later and now they all need cleaning again. While there is nothing which can be done with the debris the intakes could be modified to include a large grated intake which could be lifted out with a crane and dumped. The flap gates could be changed to the duckbill type. In several of the sluice gates the silt has build up under the gate which keeps it from closing. I think all the approaches to gates should be concrete with large tapered openings, funneling the water to the gate in a channel this would increase the velocity of the water and wash away the silt. These are just a few ideas which will make the cleaning less costly and reduce the number of cleanings.

Respectfully yours,

Mike Austgen
President



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

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.

/sjm
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*

4

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Arlene Colvin" <acolvin@ci.gary.in.us>; "Bob Huffman" <huffmun@sbcglobal.net>
Cc: <dgardner@nirpc.org>; <wbiller@hammondsd.com>; "Sandy Mordus" <smordus@nirpc.org>
Sent: Sunday, September 23, 2007 2:18 PM

Arlene/Bob,

At our last board meeting it was requested that we schedule a meeting of the O&M committee. Bob, you are the chairman of this committee and Arlene, you are probably the key player representing Gary, whom we are currently working with to turn over project features for O&M responsibilities. I was hoping to have the meeting some evening, 5:00 P.M. or so this week (Sept. 25th thru Sept.27th, excluding today and Friday, or Oct. 1st or 2nd next week). Please let me know what dates are good for you, and then I will contact the other members of this committee (Davis, Ray, and Marszalek), as well as to open it up to other commissioners due to the importance of the issues to be discussed.

Thanks,

Jim

5

9/23/2007



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

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: O&M Committee members Bob Huffman (Chairman),
Arlene Colvin, Steve Davis, Bob Marszalek, and
Charlie Ray
Attorney Lou Casale**

FROM: Jim Pokrajac, Agent, Engineering/Land Management

MEETING NOTICE

**O&M COMMITTEE MEETING
5:00 P.M. MONDAY, OCTOBER 1, 2007
COMMISSION OFFICE**

**We have scheduled an O&M Committee meeting to discuss
the following issues:**

- 1. Ongoing coordination with Gary – Status**
 - Remediation of existing flood control features
 - Agreements with Gary
- 2. Turnover to municipalities (Hammond/Highland/Munster)**
- 3. Options for local funding**
- 4. Emergency response (last flood events in August –
Coordination with Lake County and each municipality)**
- 5. Municipal review of Corps O&M Manuals**

**Sorry for the short notice but we are hoping you are able to
attend. All Commission members are invited. Please let Sandy
know of your availability for this date and please make every
effort to attend.**

**Cc: William Biller
Kent Gurley
Mark Gordish
John Mroczkowski
Mark Reshkin**

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>
Cc: "Lori Polgar" <POLGARL@ntto.net>; "Jan Orlich" <orlichj@ntto.net>; "Brett Bierman" <biermanb@ntto.net>; <simalad@ntto.net>; <dgardner@nirpc.org>; "Frank J Mrvan" <fjmrvan@comcast.net>
Sent: Friday, September 07, 2007 9:09 AM
Subject: Re: Temporary Protection of silt discharge onto Wicker Memorial Park Golf Course

Imad,

In a conversation with Dennis Simala, project coordinator for North Township, today (Sept. 10, 2007), I would like you to review the attached e-mail request.

Dennis would like some technical advise as to what North Township would be allowed to do on their property to avoid another silting of their golf course during the interim period until our new line of protection would be installed as part of the Stage V- Phase 2 construction. It appears that a significant amount of money needs to be spent to remediate this problem and that revenues from golf will also be lost. Dennis understands the intent that their course is intended to hold water during a flood event, but would like to see if you have any suggestions as to what could be done to avoid silting on their course. He wondered if it would be possible to install silt fences or hay bales East of Hart Ditch along the Western part of their course, adjacent to their roadway, or possibly create a ditch and/or berm system to re-direct the overflow to another part of their course? Also, if this could be done, what guidelines would they need to comply with.

North Township has been very cooperative with our project by donating significant easements to help expedite the completion of our project. They have concerns that during the next two seasons until V-2 is in place that a similiar circumstance could occur costing North Township again. They would like to be diligent in their efforts and, again, are only looking for technical assistance or suggestions as to how to proceed from here.

Thanks Imad for your help,

Jim Pokrajac

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

From: "Dennis Simala" <simalad@ntto.net>
To: "Dan Gardner" <dgardner@nirpc.org>
Cc: "Lori Polgar" <POLGARL@ntto.net>; "Jim Pokrajac" <jpokrajac@nirpc.org>; "Jan Orlich" <orlichj@ntto.net>; "Brett Bierman" <biermanb@ntto.net>; "Frank J Mrvan" <fjmrvan@comcast.net>
Sent: Wednesday, September 05, 2007 2:01 PM
Subject: Temporary Protection of silt discharge onto Wicker Memorial Park Golf Course

> September 5, 2007
 >
 > Dan Gardner
 > Executive Director
 > Little Calumet River Basin
 > Development Commission
 >
 >
 > Dear Dan,
 >
 > Thanks for calling this morning. As you know, I talked to Jim Pokrajac
 > yesterday about how the heavy rains on August 30th and 31st caused Hart
 > Ditch to over flow its banks and left literally thousands of pounds of
 > silt
 > on Wicker Park golf course. Over the years the golf course has seen its
 > share of floods but none as devastating. Numerous golf course experts
 > have
 > visited the course and given us their professional opinion.
 >
 > They have told us that basically most of the golf course will need the two
 > to four inches of silt removed, new soil added and then grass seed
 > applied.
 > We are in the process of receiving cost estimates. Needless to say, it is
 > expected to be costly and funding sources are questionable. The course
 > will
 > lose revenues for the remainder of this year and consensus of those
 > experts
 > is that it will not be open until June or July of next year. This in it
 > self is devastating, as the golf course generates most of the revenue
 > needed
 > to operate the entire park.
 >
 > As you are aware, we recently completed a drainage project on the golf
 > course which was funded through a federal appropriation secured by
 > Congressman Peter Visclosky. In addition the township sought bonding
 > earlier this year for an irrigation system and golf cart paths.
 >
 > The irrigation system is in its eight week of installation which was
 > scheduled for twelve weeks. Naturally this is now up in the air as to how
 > or when to proceed. In addition, the successful bidder for the cart path
 > project was notified a couple of weeks ago and contracts have been sent.
 > Again, this project has its own issues and concerns.
 >
 > Our biggest fear is that until the levee project is completed this
 > scenario
 > could happen again and again.
 >
 > We are looking for some assistance. We realize that the golf course is
 > designed as flood protection for the neighboring homes. That is clearly

8

9/7/2007

> understood and accepted. But we are looking for assistance in a temporary
> fix by designing a method to control the direction the water flows on our
> property and a means to capture the silt before it flows on the golf
course.
>
> It is very difficult to spend any amount of money to repair the golf
course
> without trying to reduce a risk of reoccurrence.
>
> We do hope NIRPC and the Army Corps of Engineers will assist us with any
> means possible to reduce our risk until the levee is completed.
>
> Thanks for your concern. I do look forward to a response.
>
> Sincerely,
>
> Dennis Simala
> Project Coordinator
> North Township Trustee Office
>
>

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.: DACW27-01-C-0001		TS-C-S
CONTRACTOR: Overstreet Electric Co., Inc.		D. Anderson
DESCRIPTION: Little Calumet River - Pump Station Rehabilitation Phase 1A		G. Anderson Craib
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	5-Oct-00	4,638,400.00
NTP DATE./CURRENT CONTRACT AMOUNT: Mods A00015 & P00020	7-Nov-00	4,262,835.48
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION	8-Oct-02	700
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	21-Oct-04	1,444
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS	21-Oct-04	0
ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No. 30		4,239,286.58
B. Estimated Earnings thru end of reporting period		0.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		<u>4,239,286.58</u>
D. Work Paid for but not in Place (Materials in Storage)		0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		4,239,286.58
E. Potential Termination Costs (% of Remaining Costs){If Applicable}		Not Available
FINANCIAL PROGRESS - (A+B+C+D-E)		4,239,286.58
TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod. A00015 & P00020		4,262,835.48
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		<u>4,262,835.48</u>
FUNDS OBLIGATED FOR PAYMENT: thru Modification A00015 & P00020		4,262,835.48
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		86.00%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		100.00%
TOTAL EARNINGS AT THE END OF FY06		4,239,286.58

PROJECT STATUS/MAJOR ISSUES:

- The Termination for Default Modification P00020 was issued by the CO on 22 FEB 2006.
The T4D mod decreased the contract amount by \$711,445.19 (estimated work not complete)
from \$4,974,280.67 to \$4,262,835.48. \$119,791.61 was deobligated, decreasing total funded from
\$4,382,627.09 to \$4,262,835.48.
The bonding company conducted a Prebid Meeting and site visit on 05 APR 2007.
Bid Opening was 19 APR 2007
The bonding company notified us on 24 APR 2007 that Thieneman Construction is the low bidder.
Contracting requires that a Surety Takeover Agreement be in place before work begins.
Contracting and Office of Council need to resolve pending issues with the Bonding Company
before work begins.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.:	DACW27-01-C-0008	TS-C-S
CONTRACTOR:	Overstreet Engineering and Construction, Inc.	D. Anderson
DESCRIPTION:	Little Calumet River - North Fifth Ave. Pump Station Rehabilitation	G. Anderson Craib
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	21-Feb-01	2,387,500.00
NTP DATE./CURRENT CONTRACT AMOUNT: Mods A00014 thru P00012	16-Apr-01	2,518,988.44
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION	17-Mar-03	700
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	27-Jan-04	1,016
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS	27-Jan-04	0
ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No.	23	2,494,289.22
B. Estimated Earnings thru end of reporting period		0.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		<u>2,494,289.22</u>
D. Work Paid for but not in Place (Materials in Storage)		0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		2,494,289.22
E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
FINANCIAL PROGRESS - (A+B+C+D-E)		2,494,289.22
TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod. A00014 thru P00012		2,518,988.44
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications (A00013 & A00014)		-15,206.36
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		<u>2,503,782.08</u>
FUNDS OBLIGATED FOR PAYMENT: thru Modification A00014 thru P00012		2,518,988.44
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		99.62%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		100.00%
TOTAL EARNINGS AT THE END OF FY06		2,494,289.22

PROJECT STATUS/MAJOR ISSUES:

- Contract substantial completion date was 27 January 2004.
- The Corps sent Overstreet a "Show Cause" Notice by email on 16 AUG 2005.
- We have not been able to contact Overstreet - phone line is no longer in service. They have not provided an invoice for work performed since AUG 2004. The work is physically complete.
- District office has prepared the As-Builts and they have been signed and distributed.
- A modification is in progress (\$15,206.36 Credit) to delete cost to complete As-Built drawings and costs to repair a latent defect.
- Draft Closeout package being reviewed while awaiting confirming documents of surety takeover.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.: DACW23-02-C-0011
CONTRACTOR: Renewable Resources
DESCRIPTION: Little Calumet River - Mitigation

TS-C-S
D. Anderson
G. Anderson
Babcock

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	29-Sep-02	921,102.68
NTP DATE./CURRENT CONTRACT AMOUNT: Mods P00021	7-Nov-02	1,405,940.96
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	11-Jan-04	430
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	7-Nov-07	1826
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	7-Nov-07	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 18	1,390,911.63
B. Estimated Earnings thru end of reporting period	0.00
C. Value of work Performed on Directed Mods (Earnings not paid for)	0.00
TOTAL ESTIMATED PROGRESS (A+B+C)	1,390,911.63

D. Work Paid for but not in Place (Materials in Storage)	0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)	1,390,911.63

E. Potential Termination Costs (% of Remaining Costs){If Applicable}	0.00
FINANCIAL PROGRESS - (A+B+C+D-E)	1,390,911.63

TOTAL ESTIMATED FINAL CONTRACT AMOUNT	
F. Current Contract Amount thru Mod. P00021	1,405,940.96
G. Current Value of Overruns/Underruns (+/-)	0.00
H. Directed, Pending Modifications	0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	1,405,940.96

FUNDS OBLIGATED FOR PAYMENT: thru Modification P00021	1,405,940.96
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)	98.93%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	98.00%
TOTAL EARNINGS AT THE END OF FY06	1,341,844.96

PROJECT STATUS/MAJOR ISSUES:

- Contractor continues maintenance of restored areas and destroying invasive plants.
- ' Contractor's maintenance and monitoring period to be completed in October 2007

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.: W912P6-04-C-0003		TS-C-S
CONTRACTOR: Tallgrass Restoration, LLC		D. Anderson
DESCRIPTION: Little Calumet River Landscaping, Phase 2		Mills
		Rundzaitis
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	30-Jun-04	648,995.23
NTP DATE./CURRENT CONTRACT AMOUNT: Mods P00007	29-Jul-04	648,995.23
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	1-Oct-10	2255
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	1-Oct-10	2255
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	1-Oct-10	0
ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No. 9		429,966.80
B. Estimated Earnings thru end of reporting period		50,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		<u>479,966.80</u>
D. Work Paid for but not in Place (Materials in Storage)		0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		479,966.80
E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
FINANCIAL PROGRESS - (A+B+C+D-E)		479,966.80
TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod. P00007		648,995.23
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		<u>648,995.23</u>
FUNDS OBLIGATED FOR PAYMENT: thru Modification P00007		507,000.00
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		73.96%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		55.00%
TOTAL EARNINGS AT THE END OF FY06		96,102.50

PROJECT STATUS/MAJOR ISSUES:

- Awaiting request from Mr. Pokarjac to remove a portion of the damaged area from the contract work. Mr. Pokarjac will also had the levee's surveyed to compare to as-built drawings. The sponsor's surveys show results with elevations as much as 8" below design elevations. The surveys should be reviewed by geotech to determine if the sponsors elevations are accurate.
- CAO attended levee inspections along with Geotech and the local sponsor. The billboard contractor repaired areas that were damaged during the installation of the signs. Seeding has not been completed, the sponsor is waiting on USACE to determine what type of seed mix will be required. A meeting was held between CAO, PM, DG, and PL to determine that the grass mix in the damaged areas will be the same as used in the Landscape II contract specifications.
- Some bare areas exist along the project stretch. The Contractor plans to reseed the areas, a detailed plan will be provided from the Contractor.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.:	W912P6-04-C-0007	TS-C-S
CONTRACTOR:	Illinois Constructors Corporation	D. Anderson
DESCRIPTION:	Local Flood Protection Little Calumet River, Indiana Stage VI-1 South Levee	Edd Lee
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	30-Sep-04	6,503,093.70
NTP DATE./CURRENT CONTRACT AMOUNT: Mods P00015& A00008	4-Nov-04	7,567,601.19
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	4-Dec-06	760
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	5-Sep-07	1035
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	5-Sep-07	0
ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No.	23	6,907,975.45
B. Estimated Earnings thru end of reporting period		391,419.35
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		7,299,394.80
D. Work Paid for but not in Place (Materials in Storage)		0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		7,299,394.80
E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
FINANCIAL PROGRESS - (A+B+C+D-E)		7,299,394.80
TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod.	P00015& A00008	7,567,601.19
G. Current Value of Overruns/Underruns (+/-) (Variations in Final Quant)		-150,383.00
H. Directed, Pending Modifications (two mod issues pending)		-18,630.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		7,398,588.19
FUNDS OBLIGATED FOR PAYMENT: thru Modification P00015& A00008		7,567,601.19
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		98.66%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		98.00%
TOTAL EARNINGS AT THE END OF FY06		5,937,394.80

PROJECT STATUS/MAJOR ISSUES:

Contract fully funded. - No. Drive Pump Sta. Operator Training performed on August 10, 2007.- North Drive Pump Station being fully operated by Town of Highland. Existing Grace Street Pump Station taken out of service August 10, 2007. Final levee work at No. Dr. Pump Sta. completed. Rec trail work nearly finished. The PM added new funding line items for Recreation facilities. August adverse weather mod settled with time extension. New completion date due to unusual weather and recent flood. Punch lists gathered and being worked on. Liquidated damages assessed Sep 6 thru Sep 19 due to Contractor not finished within contract duration as adjusted. Pre-Final Inspection on Sep 19, 2007.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.:	W912P6-05-C-0006		TS-C-S
CONTRACTOR:	Dyer Construction Company		D. Anderson
DESCRIPTION:	Little Calumet River, Stage VI-Phase II		Edd/Nielsen
			Babcock
ORIGINAL CONTRACT AWARD DATE/AMOUNT:		18-Oct-05	4,205,644.17
NTP DATE./CURRENT CONTRACT AMOUNT: Mods	A00002/P00007	18-Oct-05	4,228,422.42
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:		11-Apr-07	540
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:		1-Jun-07	591
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:		1-Jun-07	0
 ESTIMATED PROGRESS			
A. Present Earnings as of Pay Est. No.	13		4,141,958.88
B. Estimated Earnings thru end of reporting period			56,599.56
C. Value of work Performed on Directed Mods (Earnings not paid for)			0.00
TOTAL ESTIMATED PROGRESS (A+B+C)			4,198,558.44
D. Work Paid for but not in Place (Materials in Storage)			0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)			4,198,558.44
E. Potential Termination Costs (% of Remaining Costs){If Applicable}			0.00
FINANCIAL PROGRESS - (A+B+C+D-E)			4,198,558.44
 TOTAL ESTIMATED FINAL CONTRACT AMOUNT			
F. Current Contract Amount thru Mod.	A00002/P00007		4,228,422.42
G. Current Value of Overruns/Underruns (+/-)	(Variations in Final Quantities)		78,390.92
H. Directed, Pending Modifications(- 20K trlr deletion + 10K grading + 1K gates)			-9,092.98
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)			4,297,720.36
FUNDS OBLIGATED FOR PAYMENT: thru Modification	A00002/P00007		4,228,422.42
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)			97.69%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)			99.00%
TOTAL EARNINGS AT THE END OF FY06	(Total Est Progress - Sep 06 Report = \$3,098,558.44)		3,275,754.32

PROJECT STATUS/MAJOR ISSUES:

- Contract is fully funded** - Survey and x-sections complete, submittal pending.
- Drainage mod, Trail gate change and Corps Trailer delete change order being processed
 - Final Inspection held on August 22, 2007. Final Insp letter with punch list issued August 28, 2007.
 - Final Quantities being determined in preparation for Variation in Estimated Quantities Change Order.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.:	W912P6-05-C-0010	TS-C-S
CONTRACTOR:	Illinois Constructors Corporation	D. Anderson
DESCRIPTION:	Local Flood Protection Little Calumet River, Indiana Stage VI-1 North Levee	Edd Lee
ORIGINAL CONTRACT AWARD DATE/AMOUNT:		30-Sep-05 5,566,871.00
NTP DATE./CURRENT CONTRACT AMOUNT: Mods A00002 & P00012		19-Oct-05 5,612,789.00
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:		21-Jul-07 640
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:		6-Oct-07 717
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:		17-Nov-07 42
 ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No. 14		4,883,025.71
B. Estimated Earnings thru end of reporting period		562,888.57
C. Value of work Performed on Directed Mods (Earnings not paid for)		<u>0.00</u>
TOTAL ESTIMATED PROGRESS (A+B+C)		5,445,914.28
D. Work Paid for but not in Place (Materials in Storage)		19,002.83
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		5,426,911.45
E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
FINANCIAL PROGRESS - (A+B+C+D-E)		5,445,914.28
 TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod. A00002 & P00012		5,612,789.00
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications (Misc Changes in Progress)		<u>162,496.00</u>
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		5,775,285.00
FUNDS OBLIGATED FOR PAYMENT: thru Modification A00002 & P00012		5,612,789.00
ACTUAL PERCENT COMPLETE (A+B+C-D)/(F+G+H)		93.97%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		94.00%
TOTAL EARNINGS AT THE END OF FY06 (Total Est Progress on Sep 06 Report = \$3,745,914.28)		3,145,914.28

PROJECT STATUS/MAJOR ISSUES:

INCREMENTALLY FUNDED PROJECT

- Levee construction and SSP driving completed.
- Work continues on Gatewell structures and sewers behind hotels and businesses and on structures in Oxbow.
- Change orders pending for add'l reach of rip rap, DSC at Kennedy Pump Sta, debris in the drive line, CB 175 modification and Access Rd change Oxbow Park for user. Also, flood damage prevention change order being processed.
- Unusually severe weather and recent flooding have caused delays. change order in process.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.: W912P6-06-XX-0099		TS-C-S
CONTRACTOR: Superior Construction Company		D. Anderson
DESCRIPTION: Local Flood Protection Little Calumet River, Indiana Burr Street Betterment Gary		Nielsen Lee
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	18-Jan-06	2,301,518.00
NTP DATE./CURRENT CONTRACT AMOUNT: Mods 1	31-May-06	2,374,191.00
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	24-Aug-07	450
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	24-Aug-07	450
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	24-Aug-07	0
 ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No. 6		1,166,271.07
B. Estimated Earnings thru end of reporting period		1,207,919.93
C. Value of work Performed on Directed Mods (Earnings not paid for)		174,182.45
TOTAL ESTIMATED PROGRESS (A+B+C)		2,548,373.45
D. Work Paid for but not in Place (Materials in Storage)		0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		2,548,373.45
E. Potential Termination Costs (% of Remaining Costs){If Applicable}		
FINANCIAL PROGRESS - (A+B+C+D-E)		2,548,373.45
 TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod. 1		2,374,191.00
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		174,182.45
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		2,548,373.45
FUNDS OBLIGATED FOR PAYMENT: thru Modification 2		1,166,271.07
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		99.00%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		100.00%
TOTAL EARNINGS AT THE END OF FY06		1,041,299.37

PROJECT STATUS/MAJOR ISSUES:

This Project is funded by the City of Gary. "Board" acceptance of Change 2 and final completion are still being processed by the City. The City is working with the Contractor on late payment issues.

The Contractor corrections to the As-built drawings were forwarded to District 22AUG07. Reroduction will occur upon approval. Other closeout documentation is being organized. Ditch 5 has flooded on several occasions. We continue to monitor weed and sparse grass growth on areas of the levee. Mowing is needed. By the end of the warranty period (May 2008), the Contractor says any warranty items will be addressed if there are any. The Contractor is pursuing payment from the City via his lawyers.

**Calumet Area Office
Construction Progress Report
Thru End of: September 2007**

CONTRACT NO.: W912P6-07-C-0003	TS-C-S
CONTRACTOR: Dyer Construction Co., Inc.	D. Anderson
DESCRIPTION: LCR, Local Flood Protection, Burr Street Phase 2 East	Edd/Nielsen Craib
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	28-Feb-07 3,342,583.22
NTP DATE./CURRENT CONTRACT AMOUNT: Mods None	13-Mar-07 3,342,583.22
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	5-Jul-08 480.
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	5-Jul-08 480
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	5-Jul-08 0
 ESTIMATED PROGRESS	
A. Present Earnings as of Pay Est. No. 2	1,570,396.19
B. Estimated Earnings thru end of reporting period	429,603.81
C. Value of work Performed on Directed Mods (Earnings not paid for)	0.00
TOTAL ESTIMATED PROGRESS (A+B+C)	2,000,000.00
 D. Work Paid for but not in Place (Materials in Storage)	 96,764.63
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)	1,903,235.37
 E. Potential Termination Costs (% of Remaining Costs){If Applicable}	 0.00
FINANCIAL PROGRESS - (A+B+C+D-E)	2,096,764.63
 TOTAL ESTIMATED FINAL CONTRACT AMOUNT	
F. Current Contract Amount thru Mod. None	3,342,583.22
G. Current Value of Overruns/Underruns (+/-) (unsuitable Levee Fndtn Matl and levee fill)	190,000.00
H. Directed, Pending Modifications (Misc+Fndtn DSC-Del. Struct 73K+25K-296K)	198,000.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	3,730,583.22
 FUNDS OBLIGATED FOR PAYMENT: thru Modification None	 3,342,583.22
 ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)	 51.02%
 SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	 51.00%
 TOTAL EARNINGS AT THE END OF FY06	 0.00

PROJECT STATUS/MAJOR ISSUES:

This Contract is fully funded. Contract Awarded 02/28/2007. NTP Acknowledged 03/13/2007

- Clearing and Grubbing completed. - Staged levee construction complete.
- Unusually severe weather and recent flooding have delayed progress on project.
- I-Wall sheet piling placed. I-Wall Concrete placed
- RFP sent to Contractor for miscellaneous mod, received preliminary approval from LCRBDC. Proposal being reviewed.
- RFP for DSC in Levee Foundation approx Sta 65 to 72. Proposal being reviewed.
- Unsuitable material found So. of RR caused stripping and fill overrun.
- RFP for Deletion of Outlets at Stations 58+40 and 82+67 issued. Preliminary proposal received.
- Wick drains at Station 75+52 completed. Pre-Load completed. West RR Closure sheeting in place.



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

Sandy

WORK STUDY SESSION

OCTOBER 3, 2007

5:30 – 6:00 p.m.

ACTION ITEMS:

Finance

Approval of add'l monies added into Monthly Budget Report *p. 10*

Approval of claims for September 2007 *p. 11*

Approval of O&M claims for September 2007 *p. 12*

Approval of Stage VII claims (to be paid by Munster) *p. 13*

Approval to fund the gaging station on Hart Ditch in Munster *p. 14-16*

Land Acquisition

Approval of increased offer on DC-1131

Approval to enter into condemnation (if needed) on DC-1229,
DC-1236, DC-1245, and DC-1248

ITEMS OF IMPORTANCE/POLICY:

- Update on Funding Strategy
 - Review of Discussion at O&M Committee meeting
 - Capital Request to the RDA by Governor Daniels and Congressman Visclosky

UNALLOCATED

0 79.50 188.50 106.95
0 35,139.96 72 003.90
0 1,783.00 09.00
0 0 0.00

#5840
+ 1,000,000

#5860
+ 1,000,000
+ 302,000

\$2,000,000
\$302,000

07/08 premium
for Hunter stage VII mores

	2007 BUDGET	2008					2009	2010	2011	2012	TOTAL	BALANCE
5801 PER DIEM EXPENSES	7,500.00										2,450.00	5,050.00
5811 LEGAL EXPENSES	3,500.00										2,266.64	1,233.36
5812 NIRPC SERVICES	145,000.00										100,397.47	44,602.53
5821 TRAVEL/MILEAGE	2,500.00										806.00	1,694.00
5822 PRINTING/ADVERTISING	2,000.00										36.82	1,963.18
5823 BONDS/INSURANCE	8,000.00										6,556.25	1,443.75
5824 TELEPHONE EXPENSES	6,500.00										4,223.56	2,276.44
5825 MEETING EXPENSES	5,000.00										434.62	4,565.38
5840 PROFESSIONAL SERVICES	700,000.00	26,077.53									597,782.35	102,217.65
5860 PROJECT LAND PURCHASE EXP.	326,000.00	116.00									176,324.86	149,675.14
5882 UTILITY RELOCATION EXP.	1,000,000.00	0.00									49,840.59	950,159.41
5883 PROJECT LAND CAP. IMPROV.											0.00	0.00
5884 STRUCTURES CAP. IMPROV.											0.00	0.00
5892 PROJECTCOSTSHARE/ESC ACCT	1,442,583.00										0.00	1,442,583.00
	3,648,583.00	39,112.14	125,184.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	941,119.16	2,707,463.84

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
MONTHLY BUDGET REPORT,

	2007							ALLOCATED	UNALLOCATED
	BUDGET	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL	BUDGETED
									BALANCE
5801 PER DIEM EXPENSES	7,500.00	0.00	0.00	0.00	0.00	0.00	2,450.00	2,450.00	5,050.00
5811 LEGAL EXPENSES	3,500.00	283.33	283.33	283.33	283.33	283.33	283.33	1,699.98	1,800.02
5812 NIRPC SERVICES	145,000.00	11,742.56	12,743.90	12,536.24	13,188.58	12,475.34	12,586.25	75,272.87	69,727.13
5821 TRAVEL/MILEAGE	2,500.00	38.40	41.00	12.40	14.00	24.40	489.20	619.40	1,880.60
5822 PRINTING/ADVERTISING	2,000.00	0.00	0.00	0.00	0.00	0.00	36.82	36.82	1,963.18
5823 BONDS/INSURANCE	8,000.00	0.00	150.00	0.00	6,406.25	0.00	0.00	6,556.25	1,443.75
5824 TELEPHONE EXPENSES	6,500.00	469.54	472.65	527.86	553.80	506.48	584.25	3,114.58	3,385.42
5825 MEETING EXPENSES	5,000.00	79.50	188.50	106.95	0.00	0.00	0.00	374.95	4,625.05
5840 PROFESSIONAL SERVICES	1,700,000.00	35,139.96	72,326.12	77,003.90	163,308.17	56,647.33	101,469.82	505,895.30	1,194,104.70
5860 PROJECT LAND PURCHASE EXP.	1,628,000.00	1,783.00	49,686.00	15,109.00	15.00	0.00	109,517.86	176,110.86	1,451,889.14
5882 UTILITY RELOCATION EXP.	1,000,000.00	0.00	0.00	0.00	3,229.90	1,196.16	265.26	4,691.32	995,308.68
5883 PROJECT LAND CAP. IMPROV.								0.00	0.00
5884 STRUCTURES CAP. IMPROV.								0.00	0.00
5892 PROJECT COSTSHARE/ESC ACCT	1,442,583.00							0.00	1,442,583.00
	5,950,583.00	49,536.29	135,891.50	105,579.68	186,999.03	71,133.04	227,682.79	776,822.33	5,173,760.67

10

	2007							ALLOCATED	UNALLOCATED
	BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	BUDGETED
									BALANCE
5801 PER DIEM EXPENSES	7,500.00	0.00	0.00	0.00				2,450.00	5,050.00
5811 LEGAL EXPENSES	3,500.00	283.33	283.33	283.33				2,549.97	950.03
5812 NIRPC SERVICES	145,000.00	12,055.26	13,069.34	12,325.44				112,722.91	32,277.09
5821 TRAVEL/MILEAGE	2,500.00	30.80	155.80	36.40				842.40	1,657.60
5822 PRINTING/ADVERTISING	2,000.00	0.00	0.00	30.00				66.82	1,933.18
5823 BONDS/INSURANCE	8,000.00	0.00	0.00	0.00				6,556.25	1,443.75
5824 TELEPHONE EXPENSES	6,500.00	549.22	559.76	394.86				4,618.42	1,881.58
5825 MEETING EXPENSES	5,000.00	0.00	59.67	235.34				669.96	4,330.04
5840 PROFESSIONAL SERVICES	1,700,000.00	26,077.53	65,809.52	33,418.46				631,200.81	1,068,799.19
5860 PROJECT LAND PURCHASE EXP.	1,628,000.00	116.00	98.00	0.00				176,324.86	1,451,675.14
5882 UTILITY RELOCATION EXP.	1,000,000.00	0.00	45,149.27	0.00				49,840.59	950,159.41
5883 PROJECT LAND CAP. IMPROV.								0.00	0.00
5884 STRUCTURES CAP. IMPROV.								0.00	0.00
5892 PROJECTCOSTSHARE/ESC ACCT	1,442,583.00							0.00	1,442,583.00
	5,950,583.00	39,112.14	125,184.69	46,723.83	0.00	0.00	0.00	987,842.99	4,962,740.01

Sandy Mordus

From: "Gurley, Kent" <GurleyRK@teng.com>
To: "Sandy Mordus" <smordus@nirpc.org>
Sent: Wednesday, October 03, 2007 12:49 PM
Subject: Study session

Sandy,

Please advise Dan that I have several items to discuss/clarify at the study session including:

- O&M claims will exceed checking account balance. But I want to know how the money is moved around from various accounts to replenish the checking account balance as it draws down?
- Was the \$\$ approved for the Autgen invoices in earlier budgets? I don't recall seeing these amounts before - to date I can only recall seeing relatively small proposals from them to perform sluice gate repairs.

I should be at the meeting for 5:30

R. Kent Gurley, Senior Project Manager

TENG

205 N. Michigan Ave., Chicago, IL 60601

Direct: 312.616.5074

Cell: 312.342.3293

Fax: 312.616.6069

gurleyrk@teng.com

10/3/2007

Sandy Mordus

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: "Little Calumet" <littlecal@nirpc.org>; <jpokrajac@nirpc.org>; <dgardner@nirpc.org>
Sent: Monday, October 01, 2007 3:45 PM
Subject: FW: CONTRACT AWARD- Little Calumet River, Indiana, Local Flood Protection, Stage 5 Phase 2, Munster, Hammond, and Highland, Indiana (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

FYI.

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

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

From: Zamarocy, Linda L LRC
Sent: Monday, October 01, 2007 12:01 PM
To: DLL-CELRC-ALL
Subject: CONTRACT AWARD- Little Calumet River, Indiana, Local Flood Protection, Stage 5 Phase 2, Munster, Hammond, and Highland, Indiana (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

The subject Project has been awarded in the following particulars:

Contract Award No.: W912P6-07-C-0011
Contract Type: Firm-Fixed-Priced Construction
Date of Award: 29 September 2007
Contractor: Dyer Construction Company, Incorporated
Total Contract Value: \$15,930,348.46 (includes Options)
Total Awarded Amount: \$13,340,189.41
Total Funded Amount: \$2,000,000.00

Note:

The Company is a certified woman-owned, Small Business Concern.

Linda L. Zamarocy
Contract Specialist
U.S. Army Corps of Engineers
111 N. Canal Street, Suite 600
Chicago, Illinois 60606

10/2/2007

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

WILLIAM BILLER (Chairman) wbiller@HammondSD.com	845-3736 (Home) 853-6413 x 503 (Business) 765-3587 (Cell) 853-6321 (Fax)	6625 Kansas St Hammond, IN 46323-1748
ROBERT MARSZALEK (Vice Chairman) rmarsz@verizon.net	942-7653 (Home) 962-2909 (Business) 771-3560 (Cell) 962-4951 (Fax)	1005 East 8th Street Hobart IN 46342
R. KENT GURLEY (Treasurer) GurleyRK@teng.com	312-616-5074 (Business) 932-8725 (Home) 312-616-6069 (Fax)	24 E. 172nd Place Hammond IN 46324
CHARLIE RAY (Secretary) cray@dunelandgroup.com	926-1007 (Business) 508-7074 (Cell) 926-1544 (Fax)	Duneland Group 1498 Pope Court Chesterton IN 46304
ARLENE COLVIN acolvin@ci.gary.in.us lenecol@sbcglobal.net	881-1312 (Business) 746-6780 (Cell)	2420 Marshall Place Gary IN 46402-1236 City Hall, 401 Broadway Gary IN 46402-1236
STEVE DAVIS sdavis@dnr.in.gov	219-874-8316 (Business) 879-2499 (Fax)	IDNR, Division of Water 100 West Water Street Michigan City IN 46360
MARK GORDISH gordishm@sbcglobal.net	219-853-6336 (Business) 219-853-6304 (Fax)	7638 Montana Avenue Hammond IN 46323
ROBERT HUFFMAN huffmun@sbcglobal.net	924-4881 (Home) 741-1480 (Cell)	9607 Dogwood Munster IN 46321
JOHN MROCZKOWSKI surveyor@cyberz.net	755-3755 (Business) 838-7938 (Home)	2924 Franklin St. Highland, IN 46322
MARK RESHKIN mreshkin@comcast.net	462-4063 (Home)	2907 Windsor Trail Valparaiso IN 46385-9320
VACANCY		
DAN GARDNER (Executive Director) littlecal@nirpc.org	219/763-0696 (Business) 836-4326 (Home) 762-1653 (Fax)	6100 Southport Rd. Portage, IN 46368
LOU CASALE (Attorney) lcasale@cwblawfirm.com	736-9990 (Business) 736-9991 (Fax)	CASALE, WOODWARD & BULS 9223 Broadway Suite A Merrillville, IN 46410

STANDING COMMITTEES - 2007

LAND ACQUISITION/MGMT

Bob Marszalek (Chair)
Bill Biller
Arlene Colvin
Mark Gordish

LEGISLATIVE

Bill Biller
Bob Marszalek

ENVIRONMENTAL

Mark Reshkin (Chair)
Bob Huffman
Bob Marszalek

FINANCE

Kent Gurley (Chair)
Bill Biller
Arlene Colvin
John Mroczkowski
Charlie Ray

RECREATION

Bob Huffman (Chair)
Kent Gurley
John Mroczkowski

O&M

Bob Huffman (Chair)
Arlene Colvin
Steve Davis
Bob Marszalek
Charlie Ray

POLICY

Bob Marszalek (Chair)
Steve Davis
John Mroczkowski
Mark Reshkin

PROJECT ENGINEERING

Bob Huffman (Chair)
Bill Biller
Mark Gordish
Charlie Ray

WELCOME
CENTER

Cabela's

in Hammond

in a Big Way

It's not often you can say a retail store is a tourism destination, but then again, Cabela's is anything but your typical retail store.

One of the world's leading outdoors merchandisers, Cabela's, will open its highly anticipated 185,000-square-foot store on the site of the former Woodmar Country Club at the intersection of I-80 and I-94 in Hammond this Oct. 19. The Nebraska-based outdoor outfitter of hunting, fishing and outdoor gear bought more than 100 acres of land in October 2005. Cabela's purchased the 120-acre country club site for \$14 million and built its facility at a cost of \$28 million.

Buildings the size that Cabela's inhabitants would appear better suited for a factory than for a retailer. However, when considering all the amenities and merchandise that it takes to fill a Cabela's, the scope of such a large-scale project makes so much sense.

The enormous retail project couldn't have come to fruition without the cooperation of various entities.

Hammond and the state of Indiana worked together to lure Cabela's with an attractive incentive package.

"Hammond really stepped up to the plate and offered themselves in being a partner with the project. They saw the economic development potential and it takes good partners to make this come out well," Cabela's retail spokesman James Powell said.

The City of Hammond approved a \$25.9 million Tax Increment Financing (TIF) bond for construction of the store, future retail construction on the site and infrastructure improvements to the property. Since it's a taxable TIF bond, the City of Hammond is at no financial risk. Cabela's has 20 years to pay off the bond, and after that point the city will benefit from a

massive infusion of property tax dollars. How much so?

The assessed valuation of the property when Woodmar Country Club operated was \$1.2 million. But once the Cabela's property is fully developed, all 120 acres, it will mean a total investment of around \$75 million with an assessed valuation of \$82 million, said financial and economic development consultant Edward Krusa.

The store is a major job producer as well: 400, including 165 full-time positions.

The state of Indiana contributed \$8 million for several infrastructure improvements, including ramp alterations at Indianapolis Boulevard, the widening of Indianapolis at its intersection with I-94 and levy enhancements on the Little Calumet River.

Building Cabela's has become old hat for Kraus Anderson Construction Company; the Hammond location marks the 14th store the Minneapolis, Minn.-based company has built. After the footings are placed, glue lam and steel provide the structural make up of the vast roof. Interior work begins on the

second floor and proceeds down to the first floor, moving from the back of the store to the front.

"I thought Kraus Anderson did a good job. They had us going in a good direction," said Christian Gloff, vice president of EMCOR Hyre Electric Co. of Indiana, Inc., a NECA/IBEW contractor. "It was almost like the Pied Piper. One guy started and everyone followed him out the front door."

While the actual construction of the store isn't overly demanding, the biggest challenge lies in coordinating the multitude of projects and tasks that make up the work. At its peak, there were upwards of 450 people working at the Cabela's site.

"We had a great group of contractors to work with. It's

definitely a successful project," said Tom Roepke, director of operations for Kraus Anderson.

Weekly meetings among foremen and bi-weekly meetings among project managers allowed for construction to move smoothly.

"I was very happy with the subcontractors. They worked well together to make this a successful project," Gloff said.

It took a lot of cooperation and precision to construct such a monstrous facility.

"We're putting up stores that people aren't. We're building giant mountains, laser arcades and aquariums. It takes a lot of time and design work. It requires excellent craftsmanship," Powell said.

The vast number of things to see, do and buy at Cabela's make it a shopping experience unlike many have experienced. And as a result, people will travel far and wide to be a part of it.

A towering mountain replica. Waterfalls and streams. A trout pond. Trophy animals positioned in their habitats. A freshwater aquarium, museum-quality representations of wild animals. A deli-style restaurant. A gun library. Archery range. A boat showroom and atrium.

"It's 'throw the family into the car, travel 150 miles and spend six

hours at the store,'" said Lake County Convention and Visitors Bureau executive director Speros Batistatos.

Cabela's is helping to erase the stereotype rooted in some people's minds about northwest Indiana of only bustling steel mills. Bastista-

tos said with the presence of Cabela's now in Hammond, it shows that Lake County has more than just its share of smokestacks and oil refineries.

"We have very good port and chartered fishing and that doesn't mesh with what people see. We haven't been able to tell our outdoors story. We can have

fragile ecosystems cohabitating with heavy industry," Batistatos said.

Milan Kruszynski, Hammond Port Authority director, firmly agrees with his tourism counterpart.

"It's a fact that the ecosystem has adapted to the industry and industry has done a good job of cleaning up its discharges. We see fishermen on a daily basis and they have smiles on their faces," he said. "For the fishing industry, Cabela's is huge. For not only locals, but others who fish in Lake Michigan, Cabela's will be a place where they will stop and pick up what they need."

It's easy to see why Cabela's are known as tourism destinations; they attract 3 to 4 million customers annually.

While there's a Cabela's in Hoffman States, north of Chicago, the Hammond location serves customers across Indiana, the Chicago area and Michigan.

"We're going to pull a lot of money from other states and we're extremely pleased about that. It will be a huge shot in the arm for us," said Bobby Lendi, director of economic development for the City of Hammond.

When store officials evaluated pro-

spective sites throughout the country, Hammond matched all the necessary criteria.

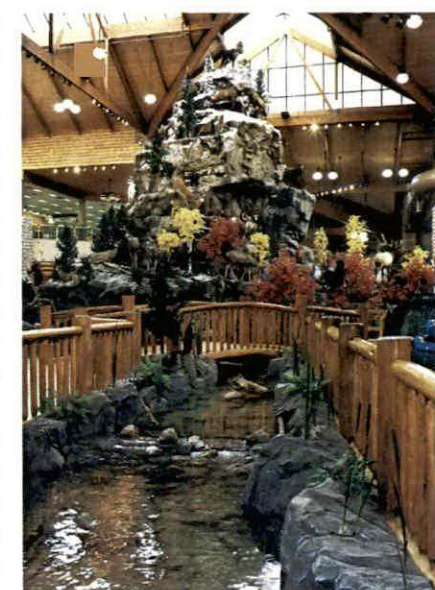
Hammond fits perfectly as a location for Cabela's because of its proximity to major highways, its tremendous visibility from the roadway and the large population base. Between 250,000 and 300,000 vehicles travel I-65, I-94 and the Indiana Toll Road daily.

"It's amazing. It's a sportsman's dream. We're so close to Michigan, Illinois and Wisconsin. It's a natural fit for us," Lakeshore Chamber of Commerce Executive Director David Ryan said.

And sportsmen will not be the only people being drawn to Cabela's, as other retail will spring up around it. There is an additional 450,000 square feet, making up phase two of the retail project, which will accommodate a variety of shops, hotels and restaurants.

"We typically get flooded with requests from companies that want to be part of our development," Powell said.

High-end retail establishments are expected to follow on the heels of Cabela's because retailers will want to benefit from being so close to such a tourist hot spot. ♦



THE DEEPER YOU DIG... YOU WILL DISCOVER

...OUR LONGEVITY

2008 marks Dyer Construction's 60th anniversary!

...OUR DEPENDABILITY

During all those years, they've completed every job they've ever taken on!

...OUR CAPABILITIES

Excavation, Grading, Utilities, Bridges, Small Concrete Structures, Flat Concrete Work



DYER CONSTRUCTION COMPANY, INC.

1716 Sheffield Ave. • Dyer, IN 46311

219.865.2961 • 773.731.7868 • www.dyerconstruction.com

LAND ACQUISITION REPORT

For meeting on Wednesday, October 3, 2007

(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 August 30 – September 26, 2007)

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.
2. Condemnation was filed 5/10/07 on DC 813, landowner WLTH Radio Station. The hearing in August was continued to October because the landowner desires to come to a negotiated settlement before then. The landowner contends that the project has increased water on his tower, causing off-the-air time. Problems with the FCC ensue. **(Ongoing)**

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

1. We signed the right-of-entry on 7/11/07, with 11 acquisitions still in the closing stage. Corps advertised contract on 7/16/07, and will award on 9/15/07.
 - **Nine of the 11 options are closing. Only NIPSCO and the NSRR remain as options. NIPSCO problem is a disagreement with our easement language. Railroad problem is an impasse as to who has ultimate authority to stop the trains in the big event – local authorities or the railroad.**
2. **The city of Hammond, Hammond Park Department, and Hammond Redevelopment have signed and donated the easements to LCRBDC. Total donation equals \$1,581 for street easements and land adjacent to the river.**
3. INDOT easements on both sides of U.S. 41, north of the river, are being coordinated with the INDOT LaPorte District.
 - Legals and descriptions of required easements, along with the perpetual easement agreement, were submitted to Mike McGuire (INDOT Real Estate Coordinator) for review and comment on June 18, 2007.
 - **INDOT signed the agreements on August 24, 2007 and were recorded on September 10, 2007.**
4. **Modifying the Kennedy Avenue bridge has resulted in five new acquisitions: 4 private and 1 NIPSCO. The four private landowners have accepted our offers. Only one landowner (DC1131) requested an increase of \$18 to cover notarizing costs. The additional NIPSCO acquisition has been offered to NIPSCO as an attachment to the original offer. This attachment and the original offer are still in discussion as to easement language about insurance and liability.**

STATUS (Stage VI-Phase 1 South) – Kennedy to Liabe - South of the river:

Land Acquisition deadline July, 2004

1. Construction is continuing on this segment. (July 28, 2007 projected completion date)

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

Land Acquisition deadline April 30, 2005

1. Construction is continuing on this segment. (October 6, 2007 projected completion date)

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

Land Acquisition deadline April 15, 2005

1. Construction completed. Final inspection on August 17, 2007. Minor punch list items (Refer to Engineering Report)

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)

1. All 14 offers for properties north of the river have been made. Three private landowners have accepted and the bulk of these offers (to Hammond) will be presented to the city, parks, redevelopment council and person.
2. Offers for 33 landowners on the south side of the river (Munster) were sent in August. 15 landowners have accepted our offers, five offers were given to the town of Munster for signing and donation on 9/25. Two offers to North Township have already been accepted. Eleven offers are outstanding with three possible condemnations.
3. The LCRBDC had concerns with a new engineering team being assigned to review and update this segment.
 - The Corps will make every effort to stay within, and not modify, existing real estate easements. Surveys are complete, and some offers are out and are being accepted.
4. LCRBDC staff received a request from a resident (DC-1226) with concerns about extensive impacts to his backyard, and met with the resident on August 22 to do a field assessment.
 - The resident submitted a letter on August 26 to explain and clarify his concerns. 4
 - LCRBDC sent this to the Corps on September 10 asking they field review and see if 5 they could lessen the real estate impacts to the property.
5. We have also staked out the easement areas on three properties (DC1221 and 1233) as requested verbally by the landowners and one landowner (DC1236) has requested repair or replacement of his sprinkler system. He is obtaining estimates for our consideration.

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

1. A meeting with seven appraisers and one appraisal reviewing firm was held 8/15/07 to create a team with the goal of completing 89 appraisals by 10/30/07. Each appraiser has approximately 15 – 19 appraisals for \$1,200 each. These are major assignments for each appraiser. Each will work directly with the reviewing company to save time.
2. A follow-up meeting was held 8/21/07 with the team to discuss consistency of land values and comparables.
3. Contracts were mailed 8/24/07 and are being sent back.
4. The one hold-up that costs time is the absence of half of the surveys. Corps real estate revisions added extra time to the surveyors. Appraisers were given 49 surveys and the remainder are being mailed as they come in.
 - Received major revisions from the Buffalo Corps for easements and work limits on July 17, 2007. These were forwarded to the (3) surveyors on July 18th, 2007.
 - Over 80% of the completed legals needed to be revised and re-done.
 - > 23 of 27 easements need to be changed by DLZ west of Calumet Avenue, south of the river, in Munster.
 - > 31 of 43 easements need to be changed by GLE at an anticipated additional cost of \$23,700.
 - The appraisers are currently working in the field with landowners and are waiting on 10 outstanding surveys so they can complete their assignments by 10/30/07.

5. DC-1340 – Real estate mapping from the Corps indicated that a permanent levee easement was to be placed on their property. (All permanent easements were designated the same). 6-7
- This will be modified to only have an access roadway.
 - Corps to provide tabulation of estates, as well as indemnify, the different permanent easements; sub as roadways, culverts, road closures, or drainage ditches.
6. DC-1340 – Landowner is concerned our easement will cut the property down the middle leaving her with an uneconomic remnant. Corps is reviewing to change the real estate for less impact.
7. DC-1302 – Landowner's septic system is severely impacted by our easement. Again, Corps is reviewing surveys to lessen the impact.
8. Southmoor Road residents requested a meeting on 9/10/07 to discuss the project on 9/14/07. We sent a letter to DC1321 – DC1335 explaining the acquisition timetable.
9. DC-1368 – Appraiser cannot appraise the property because the survey shows an easement blocking the business access door. Corps is reviewing acquisition.
10. DC-1321 – Legal shows the property boundaries not accurate. Corps will review.
11. Etc, Etc, in each instance we are working with the Corps and landowners to make our easements less intrusive.

STATUS (Betterment Levee – Phase 1 - Gary) Colfax to Burr Street:

Land Acquisition is completed.

1. Project currently completed

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.

PUMP STATION REHABILITATION – CONTRACT 2

1. Received 50% engineering review set on June 20 with comments due on July 6.
 - LCRBDC contracted SEH (Dean Button) on a cost/hour basis to submit comments.
 - 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 will provide the location surveys and easement overlays in order to get ROE to work on the stations.

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.

- 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)**
2. Total land acquisition costs that are creditable equal \$6,717,024. We still have 31 tracts submitted to the Detroit Corps for approval. These 31 tracts total \$880,290 **(Some outstanding since 7/20/06)**
 3. We submitted an appraisal to the Corps on Cabela's totaling 3.3 million dollars for credit to the project. The Corps refused and requested a second appraisal value using the day before Cabela's bought the golf course and the day after. We acquired Cabela's property on 6/28/07 as a donation. The LCA states that credit is allowed for on the day of acquisition. The second appraisal **was submitted as a draft and the Corps has given verbal approval. We are still questioning the methodology of the appraisal as directed by the Corps.**

RECEIVED SEP 10 2007

00-110-1113,1

STATE OF INDIANA
LAKE COUNTY
FILED FOR RECORD

2007 071763

2007 SEP -6 AM 8:50

**PERMANENT LEVEE EASEMENT AND
TEMPORARY WORK AREA EASEMENT**

MICHAEL A. BROWN
RECORDER

WITNESS, that the State of Indiana, whose address is c/o Indiana Department of Transportation, 100 North Senate Avenue, Indianapolis, IN 46204 ("the State"), for and in consideration of the sum of Ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby GRANTS to the Little Calumet River Basin Development Commission ("the Commission"), whose mailing address is 6100 Southport Road, Portage, IN 46368, a permanent (perpetual) easement and right of way and a temporary work area easement right of way in, under, and upon certain Real Estate situated in the County of Lake, State of Indiana, and known as Permanent Levee Easement P-1, P-2, and P-3, depicted upon the plats attached hereto as Exhibit A-1, A-2, and A-3, and more particularly described in the legal descriptions set forth in the attached Exhibit B-1, B-2 and B-3; and a Temporary Work Area Easement and right of way depicted upon the plat attached hereto as Exhibit A-3, and more particularly described in the legal description set forth in the attached Exhibit B-4.

The Commission, its' employees, agents, contractors, subcontractors, assigns and invitees, shall have the right to enter in, under, over, and upon the area of the easement parcels conveyed herein at will, to construct, reconstruct, maintain, continue to maintain, patrol, control and replace a flood protection levee, and all appurtenances thereon, and to remove from the said easement parcel areas any encroaching trees or other vegetation, or other obstructions to the free and unobstructed use of the said areas, and to make such alterations and improvements to the levee facility and appurtenants as the Commission may deem necessary and useful.

The Commission, its' employees, agents, contractors, subcontractors, assigns and invitees, shall have a temporary and assignable easement and right of way in, on, over, and across the land described in Exhibit B-4, for a period not to exceed six (6) months after completion of construction, beginning with date of possession of the land is granted to the Commission, its representatives, agents, and contractors as a work area, including

FILED
2007 SEP -6 AM 8:50
LAKE COUNTY AUDITOR

14688

1

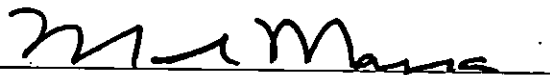
the right to move, store, and remove equipment and supplies, and erect any remove temporary structures on the land and to perform any other work necessary and incident to the construction of the Little Calumet River project, together with the right to trim, cut, fell, and remove therefrom all trees, underbrush, obstructions, and any other vegetation, structures, or obstacles within the limits of the right of way; all such rights and privileges as may be used without interfering with or abridging the rights and easement hereby acquired; subject, however, to existing easements for public roads and highways, public utilities, railroad, and pipelines.

The State represents that it has the good right to convey the said easement parcels to the Commission, and that it shall not use the easement areas for any purposes that are inconsistent with the rights granted herein, PROVIDED, however, that the State RESERVES the right to construct, reconstruct, maintain, protect, and operate the highway facility known as Indianapolis Boulevard (U.S. 41).

This levee easement shall run with the land, and shall inure to the benefit of the Commission, its' successors and assigns, and be binding upon the State, its' successors and assigns, until such time that it is revoked jointly by the State and the Commission, or their respective successors and assigns, by a written and recorded revocation instrument or instruments.

IN WITNESS WHEREOF, the State of Indiana has hereunto set its' hand by the Governor of the State of Indiana, and attached the corporate Seal of the State of Indiana on this 24th day of August, 2007.

STATE OF INDIANA


Mark Massa, General Counsel and Designee
(FOR)
Mitchell E. Daniels, Jr., Governor
State of Indiana

STATE OF INDIANA :
: SS
COUNTY OF MARION :

Before me, a notary public in and for the said County and State, did appear before me on the 24th day of August, 2007, Mark Massa, General Counsel and Designee for Mitchell E. Daniels, Jr., Governor of the State of Indiana, he being thereunto duly authorized, and acknowledged the execution of the foregoing levee and temporary work area easements for and on behalf of the State of Indiana.

Anita K. Samuel

Notary Public (Signature)

My Commission expires 1/12/08

Anita K. Samuel

Notary Public (Printed Name)

County of Residence Marion

CHRIS CHEROGAN

811 Kraay Ave.
Munster IN 46321
Phone (219) 923-3606
Cell (219) 472-6176
Cherogan2@MSN.com

August 26, 2007

James E. Pokrajac
6100 Southport Rd.
Portage IN 46388

Jim,

Jim after I met with you at my home Wednesday 08/22/07, I met with our City Engineer Robert Mangus of Munster on Friday 08/24/07. We all came up with the same conclusion that there are engineering flaws / opportunities with the current proposal for levy enhancements.

With the current proposal, the end of the new levy will end 1.5 feet from the cement portion of my in ground swimming pool. This is sure to have an erosion effect due to the new height of the levy causing water and debris to contaminate and or severely damage the mechanicals of the pool. This I know because we have this problem today, causing me to re landscape to re direct the water and dirt using a tiered landscaping system and a self-installed drainage system.

Secondly, the new levy gets within 4 feet of the house, with the decline, I also feel the same drainage problems will exist.

Third, our deck is built semi buried into the landscaping. I need to know the method of removal because the three tiered deck is all tied together. A random front loader will simply ruin the total deck.

Sincerely,





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

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

September 10, 2007

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

Re: DC-1226

Dear Imad:

Enclosed is a copy of a letter I received from Chris Cherogan dated August 26, 2007 regarding his concerns for the existing real estate impacts onto his property. I met with Chris, at his home, on August 22 to field review the impacts to his property. It appears that our real estate will encroach onto an area almost adjacent to his in-ground swimming pool and will take a large portion of the concrete slab around the pool and the wood deck adjacent to the pool. He is located at the northeast corner of River Drive and Kraay Avenue in Munster, which is part of the Stage VII construction. I have also enclosed a copy of the survey information including legal descriptions, easements, and location survey on his property for your information. It may be possible to move the sheet piling further away from his property without modifying any of the current real estate requirements, which would greatly reduce the impacts to his backyard. Would it be possible, that prior to finalizing the engineering, you could have representatives from the Army Corps do a field visit to review these impacts and see if the alignment of the line of protection could be relocated? Please let me know if I can help you to facilitate such a meeting. Thank you.

Sincerely,

James E. Pokrajac, Agent
Engineering/Land Management

/sjm
Encl.
cc:

Robert Vanoer, ACOE
Vic Kotwicki, ACOE
Kelsey Lavicka, ACOE
Lou Casale, LCRBDC attorney
Judy Vamos, LCRBDC Real Estate

5

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
Cc: "Lewandowski, Frank T LRB" <Frank.T.Lewandowski@usace.army.mil>; "Lane, Janet R LRB" <Janet.R.Lane@usace.army.mil>; "Cunningham, Matthew W LRC" <Matthew.W.Cunningham@usace.army.mil>; "Kotwicki, Victor L LRE" <Victor.L.Kotwicki@usace.army.mil>; <jvamos@nirpc.org>; <glh@garcia-consulting.com>; <dgardner@nirpc.org>
Sent: Friday, September 21, 2007 5:46 PM
Subject: Re: Real Estate for New Drain Outlet N1-1 (UNCLASSIFIED)

Imad,

Dan and I had a call with Frank Lewandowski on Sept. 21st regarding this issue. As we discussed on our conference call with Buffalo on Sept. 19th, there was a lack of communication regarding types of easements. Buffalo had portrayed all permanent easements as "permanent levee easements" without differentiating between different permanent easements. I think we all missed this when the real estate drawings came out and we now need to review permanent easements to see if any are road closure easements, or culvert, drainage ditch, or any other types of permanent. If so, we need a tabulation of estates from Vic to include as part of any agreements because they all require different type of wording.

In our call Dan and I agreed that this original "Y" shaped levee should be eliminated and go with the new layout you proposed. The drainage structure will now be installed in the lowest topographic area and the long, narrow easement will only be a roadway access to this area. Several things need to be coordinated. First, the drainage structure is on the property directly to the North of the Spolnik property (We have a DC number already assigned- DC- 1342. What was proposed was only to continue the "Y" shaped levee to the river on that parcel and has not yet been pursued by the appraiser. DC- 1342 will be modified to accommodate the closure structure, but we will need project coordinates as soon as possible to begin the acquisition process with the owner. Secondly, the access road (probably temporary) would probably be best by coming up from the South, either along the base of the existing levee or along the Northern portion of the Spolnik property. Dan, Judy, and I talked to Spolnik and agreed to meet with her to determine the least invasive access on her property and will provide this information when available. We discussed a 15' easement; does the corps feel this is sufficient and do you think we need a permanent roadway easement or a temporary work area easement?

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

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: "Little Calument" <littlecal@nirpc.org>; <jpokrajac@nirpc.org>
Cc: "Lewandowski, Frank T LRB" <Frank.T.Lewandowski@usace.army.mil>; "Lane, Janet R LRB" <Janet.R.Lane@usace.army.mil>; "Cunningham, Matthew W LRC" <Matthew.W.Cunningham@usace.army.mil>; "Kotwicki, Victor L LRE"

<Victor.L.Kotwicki@usace.army.mil>

Sent: Wednesday, September 19, 2007 3:00 PM

Subject: FW: Real Estate for New Drain Outlet N1-1 (UNCLASSIFIED)

Dan/Jim, can you please review the forwarded email from Frank. I'm in concurrence with Frank's suggestion, what do you think?

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

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

From: Lewandowski, Frank T LRB

Sent: Wednesday, September 19, 2007 2:18 PM

To: Samara, Imad LRC

Cc: Cunningham, Matthew W LRC; Ackerson, Rick D LRC; Lane, Janet R LRB;
Marranca, Carm LRB

Subject: Real Estate for New Drain Outlet N1-1

Imad,

The attached PDF file shows the current real estate west of Hohman on the north side of the river. When the permanent easements were first laid out, we had the new drain outlet closer to Hohman (at points P1c, P1d, P1e, P1f). We also had a drainage ditch running from this outlet to the northwest where outlet N1-1 is currently located. We since decided it would be sufficient and better to move drain outlet N1-1 to its current location shown on the attached plan (near point P-1b) since basically all the land slopes to this point. It appears that the new drain outlet N1-1 as shown on the attached plan is not on the Spolnik property. I sketched on in red on the attached plan an alternative location for the permanent easements which minimize <<Real Estate for Drain Outlet N1-1.pdf>> s the required area on the Spolnik property. We just need some easements around drain outlet N1-1 itself and some access to Hohman Avenue.

If the LCRBDC prefers the alternative easement location, I could have Janet the revise the real estate drawing. If something else is preferred, please let us know what it is so we can incorporate it into any real estate changes.

Frank Lewandowski, P.E.
US Army Corps of Engineers, Buffalo District
716-879-4242

PROJECT ENGINEERING MONTHLY STATUS REPORT

For meeting on Wednesday, October 3, 2007

(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 August 30 – September 26, 2007)

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:

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

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

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

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

1. 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)

1. 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 6th, 1994
Kiewit Construction – Contract price: \$6,564,520

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

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

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

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.

STATUS (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):

1. 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

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

West Reach Pump Stations – Phase 1B:

1. The two (2) pump stations included in this contract are S.E. Hessville (Hammond), and 81st 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.
 - LCRBDC will now turn this station over to the town of Highland (Refer to O&M Report).
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
 - 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

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

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.
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 (Refer to Handout)**

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 - \$2,374,191
 - Amount overrun - \$72,673 (3.1%)
 - Percent completed – 90.6%
 - 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 (Items remain to be completed)
 - **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).

STATUS (Betterment Levee – Phase 2 - LCRBDC) 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
 - Received construction “contract” sets of plans and specs from the Corps on March 22 and distributed to city of Gary, NIPSCO, Wolverine, Marathon, and the NSRR on March 23, 2007.
4. Memo sent to the Corps on July 10 approving modification to the contract to remove unsuitable soil under the levee, and agreed to eliminate a gatewell structure and culvert.

STATUS (Stage V Phase 2) Kennedy Avenue to Northcote

The Army Corps provided the 90% BCOE back check review set of drawings (excluding NSRR) to the LCRBDC for distribution on June 20, 2007 with a response due date of July

- LCRBDC sent letter & memo out to all pipeline companies along with plans and specs on June 20, 2007.

This segment was advertised on August 6, 2007 and the bid opening was on September 17, 2007. The Corps will award the contract by September 30; issue Notice to Proceed October 2007; with a tentative construction start date in early February 2008 (weather permitting).

- **Received the bid opening results from the Corps on September 18. The apparent low bidder is Dyer Construction Company with an official bid amount of \$15,707,539.75.**

> Government estimate without profit was \$17,411,799.89.

- 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.

2

1. UTILITY CORRIDOR COORDINATION (NIPSCO R/W)

A. LCRBDC Participation

- LCRBDC coordinated a “plan-in-hand” meeting with the municipalities as part of the final review process for May 3.
- LCRBDC coordinated a “plan-in-hand” meeting with the utilities and pipelines as part of the final review process on May 8.
- LCRBDC submitted a summarization of all the issues with each utility and/or pipeline, including agreements & cost estimates.

B. Huntington District Assistance

1. General Coordination

- At the May 23 Real Estate meeting, it was agreed upon to allow the Corps Huntington District to assist Jim Pokrajac with technical help to coordinate with the cost estimates and agreements with the pipeline companies as a project cost.
- Had a conference call with Huntington on June 19 to discuss points of contact and coordination.
- They received money to proceed with their participation on June 15, 2007
- A letter was sent to the Detroit and Huntington Corps on July 18 to request clarification on the scope of work to be provided by Huntington. (No response back from the Corps).
- Re-submitted on August 26 – Requested a conference call to clarify scope and discuss scheduling.

2. Huntington Actions

- An email was sent to the Corps on August 31 trying to clarify status and Huntington responsibility.
- A conference call was held on September 12 to discuss scope. It was pointed out that all Huntington could do was to review cost estimates to see if they are fair and reasonable and to coordinate with the pipelines to arrive at a cost that is fair and reasonable.
- LCRBDC responsible for all agreements.

3-4

C. NIPSCO

- An engineering coordination meeting was held with NIPSCO, LCRBDC, and the Corps on April 20.
- Corps **finalized** changes to address NIPSCO concerns.
- NIPSCO estimate of \$201,868 for pipe reinforcement forwarded to Huntington for review and concurrence on August 26, 2007.

D. Conoco Phillips Pipe Line

1. A field meeting was held on site with Atlas and Conoco Phillips on May 11 to review how we will expose pipes with inaccessibility.
 - Central States Underwater (pipeline contractor) was on site that day and provided vertical and horizontal data for both pipes that will be made available to the Corps.
2. Received a cost estimate from the Conoco Phillips Pipeline Company on May 29 in the amount of \$333,000.
 - This was forwarded to the COE for review on May 29 to determine if the costs are fair and reasonable.

> No response for review from Chicago; forwarded to Huntington on August 7, 2007. No response, to date, from Huntington as of September 26.

E. Level 3 (formerly Wiltel)

1. Had a conference call with the NSRR, Army Corps, and LCRBDC on September 24 to discuss concerns of the RR for their communications and fiber optic lines. 5

- Locations to be verified and engineering drawings to be forwarded to the NSRR by the Corps for their review.

F. Explorer Pipe Line

- Received a cost estimate from Explorer Pipe Line on May 15 in the amount of \$155,471.67.
- This was forwarded to the COE for review on May 29 to determine if costs are fair and reasonable.
 - > No response for review from Chicago; forwarded to Huntington on August 7, 2007. (No response, to date, from Huntington as of September 26)

G. Wolverine Pipe Line Company

- Received a cost estimate from Wolverine Pipe Line Company on July 2 in the amount of \$17,400.
 - > Submitted to Huntington Corps for review and comment on August 7th (No response from Huntington as of September 26)

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.
- Issues involve pile cap, concrete foundation work, and railroad down time.
- **Most engineering design issues resolved and agreed upon. One remaining issue is the electronic key lock system to allow closure of the slide gate. Corps is currently coordinating.**

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.

B. GLE Surveying has coordinated with INDOT, Lawson-Fisher, and property owners to complete the legals for easements with INDOT on both sides of Indianapolis Blvd.

- Legals and descriptions of required easements, along with the perpetual easement agreement, were submitted to Mike McGuire (INDOT Real Estate Coordinator) for review and comment on June 18, 2007.
- **LCRBDC received the signed documents from INDOT for these easements on August 24, 2007. This will provide access for construction on the Indianapolis Blvd R/W on both the east and west sides.** 6-8

4. Cabelas' Development (West of 41, adjacent to Little Calumet River)
 - Easement agreements have been signed and approved. (Refer to Land Acq. Report)

STATUS Stage VI-1 (South) South of the river – Kennedy to Liabe

1. Low Bidder was Illinois Constructors Corporation (awarded September 30, 2004)
 - Original Contract Amount - \$6,503,093.70
 - Current Contract Amount – **\$7,567,601**
 - Amount Overrun - **\$1,064,509 (16.3%)**
 - Percent Completed – 92%
 - 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
 - Training and turnover scheduled for completion by mid July 2007
 - LCRBDC working with COE, contractor, and Highland for O&M turnover to town of Highland
4. Construction progress meeting held with I.C.C. & COE on **September 11, 2007**

9-11

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

1. Low bidder was Illinois Constructors Corporation (awarded September 30, 2005)
 - Original Contract Amount - \$5,566,871
 - Current Contract Amount - \$5,612,789
 - Amount Overrun - \$45,918 (.8%)
 - Percent Completed – 80%
 - Bid is \$958,382 (or 14.7%) under the Federal estimate
 - Original Complete Date – July 21, 2007
 - Current Completion Date – October 6, 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. LCRBDC requested permanent access roadway be installed as originally planned west of the INDOT lab.
 - Relocation of NIPSCO pole west of Cline Ave. will restrict permanent access from frontage road with new location and down guys.
4. Construction progress meeting held with the Corps, LCRBDC, and ICC on **September 11, 2007.**
5. Received executed utility relocation agreement from NIPSCO on August 1 in the amount of \$16,266 to relocate poles west of Cline Avenue north of the river.
6. Carlson/OxBow Park access roadway
 - Stan Dostatni (Hammond city engineer) wrote a letter on June 19, 2007 indicating that the HSD will require access to the existing pump station through former River Park Apt. site – This access could also be used for trash pick-up by Parks Dept.
 - Contractor will then install new access roadway from pump station to south end of Park (**Ongoing with construction**)

12-14

STATUS (Stage VI – Phase 2) Liabe 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 - \$4,228,422
 - Percent Completed – 89.81%
 - 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)
 - Low bid (awarded amount) - \$4,205,645 (approx. 26% under Corps estimate)
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) gateway structures, culverts & sewer appurtenances, and miscellaneous tree planting and seeding.
 3. **Received monthly construction status report from the COE (Refer to Handout)**
 4. Recreation trail ramp north and east of the NIPSCO substation on Liable going to be raised as part of the Recreation Phase 2 project.
 5. 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.

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.
3. All survey work on both sides of the river has been completed; appraisals are done, and offers are being made.
4. A new team has been put together to review and update the engineering (A field walk-thru on May 24, 2007).
 - The results of the final engineering review will be forthcoming.

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.)
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.
 - An introductory meeting, and field familiarization, were held on September 26 & 27, 2006.
 - Received the engineering schedule from the Buffalo Corps on January 25, 2007.
3. Landside drainage is currently being reviewed by the COE, Munster, and LCRBDC to determine if existing, abandoned storm sewer lines can be used. (A field meeting was held to review these potential locations with the COE, town of Munster, and the LCRBDC on January 12, 2007).
 - Munster is currently contracting Robinson Engineering to do condition testing of lines & LCRBDC will coordinate surveys. If COE concurs, this could save time & money on construction and real estate, as well as lessen construction impacts to residents.
 - LCRBDC received a cost estimate from Munster in the amount of \$10,400 to do the corresponding survey work and video.
 - Email sent to Munster on August 2 indicating LCRBDC will provide the financial assistance to pay for this.

- The survey work was completed on September 20 and the televising of the lines should be completed by October 1. Results will be forwarded to Buffalo Corps to incorporate into their plans.
- 4. A conference, progress call was held on August 7 to discuss print distribution for 50% review, modifications to engineering which require new surveys, and additional survey work currently being done by the Corps.
 - Munster and Hammond did not submit comments to the 50% submittals as of September 18
 - > Meeting held with Munster/LCRBDC/Corps on Sept. 25 to review
 - > Trying to schedule Hammond meeting afternoon of 25th
- 5. SEH has been contracted out by the LCRBDC to provide utility coordination.

15
16
17-19

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

1. Low Bidder was Renewable Resources, Inc. (from Barnesville, Georgia) Awarded September 29, 2002
 - Original Contract Amount - \$921,102.68
 - Current Contract Amount - \$1,405,940.96
 - Amount Overrun - \$484,838 (53%)
 - Percent Completed – 96.14%
 - 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)

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
(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)

Pump Station Rehabilitation – Contract 2

1. The scope of the contract is to provide new pumps and rehabilitation of the following (6) stations: Indianapolis Blvd., Jackson Ave., Southside, Kennedy Park Apartments, Tapper Ave., and Forest Avenue.
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 received plans and specs for the 50% review on June 25, with a final date to submit comments on July 6, 2007.
 - LCRBDC contracted out SEH (Dean Button) on June 27 to review & comment on this set 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 will provide the location surveys and easement overlays in order to get ROE to work on the stations.**

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).
7. Public hearing in Griffith held on August 8 to review their application for a petition to change the zoning classification from open space to B-2.

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)**

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.

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 15th, 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.
- 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 27th of July.
- C. **27th & Chase Street – Pump Station Remediation**
1. 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 27th & Chase pump station.
 - Design is ongoing, and the COE anticipates drawings will be ready for review by mid-September.
 - > 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.**

20

**BID OPENING RESULTS – INVITATION FOR BIDS for Little Calumet River,
Indiana, Local Flood Protection, Stage V, Phase 2, Munster, Hammond, and Highland,
Indiana**

Bids were opened on 17 September 2007 at 2:00p.m. Central Standard Time for
Solicitation Number W912P6-07-B-0006.

Bid Opener/ Procurement Clerk: Michael Jones
Bid Reader/Contracting Officer: Regina G. Blair
Bid Recorder/Contract Specialist: Anita Simpkins

APPARENT LOW BIDDER:

DYER CONSTRUCTION COMPANY, INCORPORATED
1716 Sheffield Avenue
Dyer, Indiana 46311

OFFICIAL BID AMOUNT: \$15,707,539.75

2nd Apparent Low Bidder:

RAUSCH CONSTRUCTION COMPANY, INCORPORATED
2717 South 13th Avenue
Broadview, Illinois 60155-4715

OFFICIAL BID AMOUNT: \$20,595,899.75

3rd Apparent Low Bidder:

ILLINOIS CONSTRUCTORS CORPORATION
39 W 866 Fabyan Parkway
Elburn, Illinois 60119

OFFICIAL BID AMOUNT: \$20,649,478.00

Government Estimate Without Profit: \$17,411,799.89

SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)		1. SOLICITATION NO. W912P6-07-B-0006	2. TYPE OF SOLICITATION <input checked="" type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED (RFP)	3. DATE ISSUED 07-Aug-2007	PAGE OF PAGES 1 OF 94
IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.					
4. CONTRACT NO.		5. REQUISITION/PURCHASE REQUEST NO. W81G6670749559		6. PROJECT NO.	
7. ISSUED BY U. S. ARMY ENGINEER DISTRICT, CHICAGO 111 NORTH CANAL STREET SUITE 600 CHICAGO IL 60606-7206		CODE W912P6	8. ADDRESS OFFER TO (If Other Than Item 7) CODE See Item 7		
TEL:		FAX:		TEL:	
FAX:		FAX:		FAX:	
9. FOR INFORMATION CALL:		A. NAME LINDA L ZAMAROCY		B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 312.846.5374	
SOLICITATION					
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".					
10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date): LITTLE CALUMET RIVER, INDIANA, LOCAL FLOOD PROTECTION, STAGE 5 PHASE 2, MUNSTER, HAMMOND, AND HIGHLAND, INDIANA The Contractor will be responsible for providing all necessary facilities, plants, labor, transportation, materials, and equipment to construct a levee protection systems consisting of approx. 11,755 lineal ft (LF) of earthen levee; 360 LF of sheetpile wall, 3,520 LF of floodwall, 810 LF of utility corridor floodwall (option items), two railroad closure structures, 1,600 LF access ramps, 1-270 FT span, 1-140 LF span and 1-232 FT span pedestrian bridges (option items), 2,100 LF of ditches, 360 LF of French Drains, 1-Flood Control Structure constructed in the channel, gateway structures, outlet improvements, riprap for erosion control, recreation trail, and other work items identified in the Bid Schedule. The estimated magnitude of cost for construction is between \$10,000,000.00 and \$25,000,000.00. The NAICS Code is 237990 with a business size in dollars of \$31 Million. Applicable Wage Rates: General Decision Number: IN070001 08/03/2007 COMPETITION FOR THIS PROCUREMENT IS UNRESTRICTED TO BUSINESS SIZE					
11. The Contractor shall begin performance within <u>10</u> calendar days and complete it within <u>750</u> calendar days after receiving <input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. This performance period is <input checked="" type="checkbox"/> mandatory, <input type="checkbox"/> negotiable. (See Section 00700 _____.)					
12 A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				12B. CALENDAR DAYS 10	
13. ADDITIONAL SOLICITATION REQUIREMENTS: A. Sealed offers in original and <u>1</u> copies to perform the work required are due at the place specified in Item 8 by <u>02:00 PM</u> (hour) local time <u>06 Sep 2007</u> (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due. B. An offer guarantee <input checked="" type="checkbox"/> is, <input type="checkbox"/> is not required. C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference. D. Offers providing less than <u>90</u> calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.					

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Lavicka, Kelsey W CPT LRC" <Kelsey.W.Lavicka@usace.army.mil>; "Kmen, Wyatt H LRH" <Wyatt.H.Kmen@usace.army.mil>; "Martin, Matthew C LRH" <Matthew.C.Martin@usace.army.mil>; "Kotwicki, Victor L LRE" <Victor.L.Kotwicki@usace.army.mil>
Cc: <dgardner@nirpc.org>; "Lou Casale" <lcasale@cwblawfirm.com>; "Samara, Imad LRC" <Imad.Samara@usace.army.mil>; <mlpasyk@nisource.com>
Sent: Friday, August 31, 2007 4:37 PM
Subject: Re: Stage V - Phase 2 Estimates (UNCLASSIFIED)

Kelsey,

Thanks for your input. However, after talking with Imad, this information should be provided to Huntington in order that they could facilitate an agreed upon cost that will be used to enter into the relocation agreement. Any questions regarding these costs should be directed to that utility/pipeline by the Huntington District. When we get a cost that is fair and reasonable, Huntington will let me know and I will proceed with that specific agreement. Thanks again for your input.

Jim

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

From: "Lavicka, Kelsey W CPT LRC" <Kelsey.W.Lavicka@usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>; "Kmen, Wyatt H LRH" <Wyatt.H.Kmen@usace.army.mil>; "Martin, Matthew C LRH" <Matthew.C.Martin@usace.army.mil>; "Kotwicki, Victor L LRE" <Victor.L.Kotwicki@usace.army.mil>
Cc: <dgardner@nirpc.org>; "Lou Casale" <lcasale@cwblawfirm.com>; "Samara, Imad LRC" <Imad.Samara@usace.army.mil>; <mlpasyk@nisource.com>
Sent: Wednesday, August 29, 2007 8:23 AM
Subject: RE: Stage V - Phase 2 Estimates (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Jim,

One discrepancy off the top of my head, the backfill list on the price sheet is for sand and stone. WE need clay compacted to the ratio specified in the plans. I think that may increase costs.

Kelsey

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Sunday, August 26, 2007 2:17 PM
To: Kmen, Wyatt H LRH; Martin, Matthew C LRH; Kotwicki, Victor L LRE

Cc: dgardner@nirpc.org; Lou Casale; Samara, Imad LRC; Lavicka, Kelsey W CPT LRC; mlpasyk@nisource.com
Subject: Fw: Stage V - Phase 2 Estimates

Wyatt/Matthew,

Attached is the cost estimate provided to me by NIPSCO to protect their 8", 12", and 30" gas lines on both sides of the river in the pipeline corridor West of Kennedy Avenue, and adjacent to the NSRR, in Highland, Indiana. Will you please review this estimate and let me know if these costs are fair and reasonable. Upon receipt of your concurrence, I will begin the process with NIPSCO for the utility relocations as the LCRBDC has done in the past.

Thank you,

Jim Pokrajac

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

From: <mlpasyk@NiSource.com>

To: <jpokrajac@nirpc.org>

Sent: Wednesday, August 22, 2007 1:42 PM

Subject: Re: Stage V - Phase 2 Estimates

> Jim,

>

> Per your request please find the attached material and labor estimates in pdf format...

>

> Mark L Pasyk

> Manager, Engineering Technology

> Office (219) 647-4299

> Cell (219) 688-2596

> mlpasyk@nisource.com

> ----- Forwarded by Mark Pasyk/NCS/Enterprise on 08/22/2007 01:41 PM -----

>

> Neal Arndt

> To: Mark

> Pasyk/NCS/Enterprise@NiSource

> 08/21/2007 11:42 cc:

> AM Subject: Re: Stage V -
Phase 2 Estimates(Document link: Mark Pasyk's Mail)

>

>

>

>

>

> Mark, I have converted the MLOG estimate to PDF. See below.

> Thanks,

> Neal Arndt

4

8/31/2007

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <danny.young@nscorp.com>; "Lavicka, Kelsey W CPT LRC" <Kelsey.W.Lavicka@lrc02.usace.army.mil>
Cc: "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>; <dgardner@nirpc.org>
Sent: Monday, September 24, 2007 5:50 PM
Subject: Conference call- T-Cubed Line

Danny/Kelsey,

Good talking to you both today regarding the T-Cubed line East of the rails in our upcoming Stage V-Phase 2 construction. Following are some general notes of what we discussed today. Please review these and feel free to add to, modify, supplement, or correct anything that follows:

1. The location of the line is approx. 27' East of the center line of rails of the Eastern set of tracks, and was previously referred to as the Witel, formerly Williams, communications. This is a fiberoptic line that in with a PVC type of conduit that needs to be protected during construction in that immediate area.
2. The LCRBDC had previously located this line and found the dead center top of pipe elevation to be at 589.3. The North line of protection was shown at approx. 108' North of the face of the North Bridge abutment at the time of the survey. The South line was not exposed because it was underneath the existing earthen levee, and it was also our understanding that it was a bore and was probably very deep. We never exposed, or located that location of the line. Our plan, at that point in time, indicated that the center line of protection was 119' South of the face of the South bridge abutment.
 - A. Jim Pokrajac will confirm the center lines of protection have not changed.
 - B. Jim Pokrajac will also check with the surveying company to find who was on the site representing the communications line when the pipe was exposed and elevations and location were taken.
 - C. Danny Young indicated, that according to his "as-built" drawings that it showed the line to be 18'-4" deep, and he felt that this still needed to be confirmed.
 - D. Jim Pokrajac has a drawing of all the pipelines in the NSRR corridor and will forward them to both Kelsey and Mr. Young.
3. Kelsey will get Mr. Young a hard set copy of the most recent set of plans and specs for this segment for his use and information.
4. Mr. Young indicated that an estimate was put together for their costs associated with the installation of a "split-Pipe" to protect their line. Pokrajac requested a copy of this estimate so he could forward it to the corps for their review to determine that the estimate was fair and reasonable. Upon concurrence of this cost Mr. Pokrajac will work through Mr. Young to facilitate an agreement whereby they will be reimbursed for their associated costs related to this pipe installation.
5. Captain Lavicka will contact Mark Sawyer to identify what the steel conduit is that is located approx. 13' East of the center line of the East set of rails in this area. We feel it could be some kind of Railroad communications line. It is thought it may be approx. 6" in diameter and is steel. The construction would also need to address it's impacts both along the North and South lines of protection.
6. Mr. Pokrajac indicated that an easement agreement is currently being worked on by the LCRBDC and NSRR attorneys and that there are a few technical issues being worked out that need to be agreed upon before the agreements are mutually signed. Mr. Young indicated that this issue with T-Cubed may be added to the original agreement that is ongoing.
 - A. Mr. pokrajac felt that it may be better to keep this separate to not compound any ongoing issues with the agreement. This may be discussed later with the appropriate representatives involved in the ongoing issue.

Once again, any questions, or revisions, feel free to discuss. Please let me know and we could send a final "notes" of this call to other involved parties.

Thank you both for your cooperation,

Jim Pokrajac

5
9/26/2007

SEP 10 2007

STATE OF INDIANA
LAKE COUNTY
FILED FOR RECORD

2007 071763

2007 SEP -6 AM 8:50

**PERMANENT LEVEE EASEMENT AND
TEMPORARY WORK AREA EASEMENT**

MICHAEL A. BROWN
RECORDER

WITNESS, that the State of Indiana, whose address is c/o Indiana Department of Transportation, 100 North Senate Avenue, Indianapolis, IN 46204 ("the State"), for and in consideration of the sum of Ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby GRANTS to the Little Calumet River Basin Development Commission ("the Commission"), whose mailing address is 6100 Southport Road, Portage, IN 46368, a permanent (perpetual) easement and right of way and a temporary work area easement right of way in, under, and upon certain Real Estate situated in the County of Lake, State of Indiana, and known as Permanent Levee Easement P-1, P-2, and P-3, depicted upon the plats attached hereto as Exhibit A-1, A-2, and A-3, and more particularly described in the legal descriptions set forth in the attached Exhibit B-1, B-2 and B-3; and a Temporary Work Area Easement and right of way depicted upon the plat attached hereto as Exhibit A-3, and more particularly described in the legal description set forth in the attached Exhibit B-4.

The Commission, its' employees, agents, contractors, subcontractors, assigns and invitees, shall have the right to enter in, under, over, and upon the area of the easement parcels conveyed herein at will, to construct, reconstruct, maintain, continue to maintain, patrol, control and replace a flood protection levee, and all appurtenances thereof, and to remove from the said easement parcel areas any encroaching trees or other vegetation, or other obstructions to the free and unobstructed use of the said areas, and to make such alterations and improvements to the levee facility and appurtenants as the Commission may deem necessary and useful.

The Commission, its' employees, agents, contractors, subcontractors, assigns and invitees, shall have a temporary and assignable easement and right of way in, on, over, and across the land described in Exhibit B-4, for a period not to exceed six (6) months after completion of construction, beginning with date of possession of the land is granted to the Commission, its representatives, agents, and contractors as a work area, including

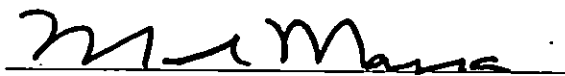
the right to move, store, and remove equipment and supplies, and erect any remove temporary structures on the land and to perform any other work necessary and incident to the construction of the Little Calumet River project, together with the right to trim, cut, fell, and remove therefrom all trees, underbrush, obstructions, and any other vegetation, structures, or obstacles within the limits of the right of way; all such rights and privileges as may be used without interfering with or abridging the rights and easement hereby acquired; subject, however, to existing easements for public roads and highways, public utilities, railroad, and pipelines.

The State represents that it has the good right to convey the said easement parcels to the Commission, and that it shall not use the easement areas for any purposes that are inconsistent with the rights granted herein, PROVIDED, however, that the State RESERVES the right to construct, reconstruct, maintain, protect, and operate the highway facility known as Indianapolis Boulevard (U.S. 41).

This levee easement shall run with the land, and shall inure to the benefit of the Commission, its' successors and assigns, and be binding upon the State, its' successors and assigns, until such time that it is revoked jointly by the State and the Commission, or their respective successors and assigns, by a written and recorded revocation instrument or instruments.

IN WITNESS WHEREOF, the State of Indiana has hereunto set its' hand by the Governor of the State of Indiana, and attached the corporate Seal of the State of Indiana on this 24th day of August, 2007.

STATE OF INDIANA


Mark Massa, General Counsel and Designee
(FOR)
Mitchell E. Daniels, Jr., Governor
State of Indiana

STATE OF INDIANA :
: SS
COUNTY OF MARION :

Before me, a notary public in and for the said County and State, did appear before me on the 24th day of August, 2007, Mark Massa, General Counsel and Designee for Mitchell E. Daniels, Jr., Governor of the State of Indiana, he being thereunto duly authorized, and acknowledged the execution of the foregoing levee and temporary work area easements for and on behalf of the State of Indiana.

Arith K Samuel

Notary Public (Signature)

My Commission expires 1/12/08

Arith K Samuel

Notary Public (Printed Name)

County of Residence Marion

MEETING MINUTES #057 **LITTLE CALUMET RIVER SOUTH, HIGHLAND**

Weekly Construction Progress: 9/11/07

Next Mtg. 9/25/07 @ 9:00am

Last, 8/28/07

Attended By:

Illinois Constructors Corporation – Phil Ross
 Illinois Constructors Corporation – Brian Schallhorn
 Illinois Constructors Corporation – John Mackanin
 USACE – Sheldon Edd
 USACE – Curtis Lee

Non-Attendees:

Illinois Constructors Corporation – Jeff Rausch
 USACE – Anna Petkova
 USACE – Doug Anderson
 LCRBDC – Jim Pokrjac
 Town of Highland – John Back
 Town of Highland – Mike Pipta

1. PREVIOUS OLD BUSINESS

1. Final grading and restoration at east end of project. Grimmer to finish by 9/14/07.
2. Punch-list from 9/6/07 walk through, see attached.
3. Dirt quantities (7/05/07), USACE C-0100, 8/23/07
4. Pipe elbow resolution. Sheldon to issue reductive mod 8/28/07
5. Continue trail at 5th Street to in front of Dog Pound. Completed 9/10/07
6. Pump Station spare parts turnover. Completed 9/7/07
7. Turf issues, USACE C-0099, 8/23/07. In progress
8. Ditch drainage issues to be checked by Grimmer, USACE C-0099, 8/23/07.
9. Slopes checked from North Drive I-wall to 81st Street by Grimmer, USACE C-0099, 8/23/07.
10. Seepage North Drive levee bend to 300 ft towards 81st Street. ICC S.L. 089, 9/4/07
11. August weather days. Contract Modification issued 9/5/07.

2. SCHEDULE

A. LAST TWO WEEKS

1. Grimmer tying in earth fill at pump station
2. Construct sand stockpile
3. Grimmer topsoil at pump station
4. Topsoil, seed, and blanket sand stockpile
5. Seal roof ducts at pump station
6. Grimmer ditch checks and cleaning

B. THIS & NEXT WEEK

1. Grimmer topsoil at pump station
2. Grimmer topsoil slope construction 8S 7+00 to 8S 14+00
3. Trail construction at pump station
4. Trail signs and bollards at pump station
5. Punchlist, see attached
6. Slussers, Trees and Seeding

CRITICAL ACTIVITY: Show Cause Notice activities, see attached

C. CONTRACT STATUS

Original contract completion date: 12/12/06 Current contract completion date: 9/5/07

Original contract amount: \$6,503,093.70 Current contract amount: \$7,567,601.19

D. ESTIMATE JOB COMPLETION PERCENTAGE TO DATE: 92%

3. WEATHER DAYS

- 1. Weather days in 2005 effecting the contract = 0
- Weather days in 2006 effecting the contract = 14
- Weather days in 2007 effecting the contract = 11 (July and August)

4. PUNCHLIST OR CORRECTIVE ITEM ISSUES

- 1. See attached list.

5. STORED MATERIALS

None

6. SUBMITTALS

- 1. See attached submittal register
- 2. Critical submittals in review -
- 3. Outstanding critical submittals -

7. OUTSTANDING CHANGED CONDITIONS

None

8. PAY ESTIMATES

A. PAID TO DATE: \$6,856,969.65

B. ESTIMATES PENDING: None

9. SAFETY and SECURITY

- 1. Housekeeping policed daily

10. CQC and TESTING

A. SOIL -

B. CONCRETE --

C. ASPHALT -

Initials to finalize and C's to respond to.

11. RFI'S / RFC'S

12. RFP'S

- 1. Deletion of USACE office trailer.

ICC submitted \$20,000 breakdown. S.L. 088, 8/28/07

13. COORDINATION WITH OTHERS

1. Working with Town of Highland & residents for duration of project.

14. OUTSTANDING ISSUES

15. NEW BUSINESS / CONCERNS / OTHER MISC.

1. Earthen levee settlement
2. Show Cause Notice 9/7/07

MEETING MINUTES #035 LITTLE CALUMET RIVER NORTH, HAMMOND

Bi-Monthly Construction Progress: 9/11/07

Next Mtg. 9/25/07 @ 9:00am

Last 8/28/07

Attended By:

Illinois Constructors Corporation – Phil Ross
Illinois Constructors Corporation – Brian Schallhorn
Illinois Constructors Corporation – John Mackanin
USACE – Sheldon Edd
USACE – Curtis Lee

Non-Attendees:

Illinois Constructors Corporation – Jeff Rausch
USACE – Doug Anderson
USACE – Anna Petkova
Hammond – Charlie Blaine
LCRBDC – Jim Pokrajac

1. OLD BUSINESS

1. Maintaining park access – Possible access road Contract Modification USACE
New access road for Hammond Park Dept., 12 inches of CA-6 from Kennedy Apt. Verbal approval
From Stan Dosanti of Hammond. (8/28/07)
Pump Station to asphalt near fishing pier. Verbal go ahead from Sheldon (7/24/07).
Cost to be covered under existing pay items.
Asphalt and path construction pushed back to 9/19/07.
2. Debris in drive line and miscellaneous trash haul-off. USACE
a. Serial Letter 26, dated 7/24/07, is ICC Equitable Adjustment claim for \$19,746.73
in removing obstructions to drive sheeting and ICC Cost Proposal to haul off 14 loads
of debris. Number of loads agreed upon by Phil Ross, ICC, and Curtis Lee, USACE.
3. Outlet and pipe at Kennedy Apt. Pump Station. (7/10/07) ICC
ICC response to RFP to be submitted on 9.11.07
4. Grading adjustments at Gate well 7-1C (7/23/07) USACE/IC
Phil Ross, ICC, and Sheldon Ed, USACE, need to meet in field to review grading
changes inside sheeting. (7/27/07)
5. Price to USACE for Rip/Rap mod from station 26+27 to 30+00 submitted on 7/5/07. USACE
6. Additional concrete debris encountered while excavating for 8-3C headwall
7. Flooding prevention at South end of Nevada Street and Kennedy Apt., ICC to submit REA

2. SCHEDULE

LAST TWO WEEKS

1. No work due to rain and high river elevation

THIS & NEXT WEEK

1. Wait on river elevation to go down

2. Pipe and headwalls at structures 8-3C and 173

CRITICAL ACTIVITY: Head walls (+24 days) for completion by 9/1/07.

C. CONTRACT STATUS

Original contract completion date: 7/2/07 Current contract completion date: 10/06/07
Original contract amount: \$5,566,871.00 Current contract amount: \$5,612,789.00

D. ESTIMATE JOB COMPLETION PERCENTAGE TO DATE: 80%

3. WEATHER DAYS

1. Excessive weather days 2006 = 36 days
2. Excessive weather days 2007 = 1 (July)
3. Excessive weather days August 2007 = ?

4. PUNCHLIST OR CORRECTIVE ITEM ISSUES

1. Asphalt repairs at parking lot at 3500 179th Street

5. STORED MATERIALS

\$19,002

6. SUBMITTALS

1. Critical submittals in review - None
2. Outstanding critical submittals - None

7. OUTSTANDING CHANGED CONDITIONS

1. Debris in drive line

8. PAY ESTIMATES

A. PAID TO DATE: \$4,808,474.91

B. ESTIMATES PENDING: None

9. SAFETY and SECURITY

10. CQC and TESTING

A. SOIL -

B. CONCRETE -

C. ASPHALT -

11. RFI'S / RFC'S

ICC to submit sketch with how manhole will align with sheeting opening for structure 173

12. RFP'S

1. ICC submitted pricing for Deletion of Pre-load 7-1C on 4/25/06 per Doug Anderson, Mod can be incorporated with Gatewell 175 Modification. (4/24/07)

13. COORDINATION WITH OTHERS

14. OUTSTANDING ISSUES

15. NEW BUSINESS / OTHER MISC.

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>
Cc: "Jim Mandon" <jmandon@munster.org>; "Matt Fritz" <mfritz@munster.org>; "Thomas DeGiulio" <tdegiulio@munster.org>; "Jim Knesek" <jknesek@munster.org>
Sent: Friday, September 21, 2007 4:07 PM
Subject: Fw: Stage VIII- Various Issues

Imad,

As we discussed, Munster has confirmed that next Tuesday (Sept. 25th, 10:00A.M.) will be good for them and we will meet at the Munster Town Hall. In talking with Jim Mandon, he indicated that they had questions on a few items and will address them at this meeting.

Jim

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

From: Jim Mandon
To: 'Jim Pokrajac'
Cc: Jim Knesek ; Matt Fritz ; Thomas DeGiulio
Sent: Friday, September 21, 2007 10:19 AM
Subject: RE: Stage VIII- Various Issues

Jim,
 Let's meet here at 10 am on Tuesday, September 25.
 Jim M

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Wednesday, September 19, 2007 3:46 PM
To: Jim Mandon; Jim Knesek; Thomas DeGiulio
Cc: Samara, Imad LRC; janet.r.jane@usace.army.mil; Ackerson, Rick D LRC; Lavicka, Kelsey W CPT LRC
Subject: Stage VIII- Various Issues

Jim,

We had a conference call with both the Chicago and Buffalo Corps today (Sept. 19th) to discuss project status and review miscellaneous issues regarding real estate, design, and utilities. It appears that Munster had sent no comments to the 50% review set which was distributed to Munster on August 10th. We and the corps feel it is important for all municipalities to respond and would like to set up a meeting early next week to discuss this with you, and any other representatives on behalf of Munster, to see if you do have concerns. The design schedule requires that we act on this quickly. Imad and myself would be available on either Monday or Tuesday of next week and would be willing to meet with you at your Town Hall.

The other issue brought up was the landside drainage issue. We had earlier discussed that both the survey work and televising of the existing lines would begin now that the LCRBDC has recently been given some funds from our budget committee to move along with our project. Could you let me know the status and tentative date that this information could be made available to the Corps?

Thanks again,

Jim Pokrajac

15

9/23/2007

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <dostatnis@gohammond.com>; <gordish@sbcglobal.net>
Cc: "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>
Sent: Sunday, September 23, 2007 12:24 PM
Subject: Fw: Stage VIII- Plan and Spec Review

Stan,

I received a reply from Munster regarding the same issue. Imad and I are meeting with them next Tuesday (Sept. 25th at 10:00 A.M.) to have a general discussion regarding impacts to Munster for the upcoming Stage VIII construction. Would it be possible to meet with you and any other representatives from Hammond to see if you have any questions, suggestions, or concerns regarding the 50% review set sent to you on August 10th. It is critical to address any issues now rather than after the next phase of review is submitted. Please let me know A.S.A.P. so we can arrange our schedules. The corps are hoping to get all responses no later than Sept. 28th.

Thanks,

Jim

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

From: Jim Pokrajac
To: dostatnis@gohammond.com ; gordishm@gohammond.com
Cc: Samara, Imad LRC ; janet.r.lane@usace.army.mil ; Ackerson, Rick D LRC ; Lavicka, Kelsey W CPT LRC
Sent: Wednesday, September 19, 2007 4:14 PM
Subject: Stage VIII- Plan and Spec Review

Stan,

We had a conference call with both the Chicago and Buffalo Corps today (Sept. 19th) to discuss project status of Stage VIII (Columbia to the State Line) and review miscellaneous issues regarding real estate, design, and utilities. It appears that no one representing Hammond had submitted comments to the 50% review set distributed to you on August 10th. The LCRBDC and the Corps feel it is important to get as much input from the municipalities as possible, especially at this stage of design, and prior to the 100% review where it would be much more difficult to modify or supplement. Imad and I would like to set up a meeting with you and any other representatives on behalf of Hammond, to see if you have any questions or concerns. The design schedule requires that we act on this quickly. Imad and I are currently both available on Monday and/or Tuesday next week and would be willing to meet with you at the City Hall. Please let me know as soon as possible as to which day and what time we could meet with you.

Thanks,

Jim Pokrajac

Jim Pokrajac

From: "Dean Button" <dbutton@sehinc.com>
To: "Marranca, Carm LRB" <Carm.Marranca@usace.army.mil>
Cc: "Anderson, Douglas M LRC" <Douglas.M.Anderson@usace.army.mil>; "Lewandowski, Frank T LRB" <Frank.T.Lewandowski@usace.army.mil>; "Samara, Imad LRC" <Imad.Samara@usace.army.mil>; "Lane, Janet R LRB" <Janet.R.Lane@usace.army.mil>; <jpokrajac@nirpc.org>; "Lavicka, Kelsey W CPT LRC" <Kelsey.W.Lavicka@usace.army.mil>; "Cunningham, Matthew W LRC" <Matthew.W.Cunningham@usace.army.mil>; "Ackerson, Rick D LRC" <Rick.D.Ackerson@usace.army.mil>
Sent: Thursday, September 20, 2007 11:00 AM
Attach: Utility Spreadsheet 091907.xls
Subject: Little Cal Stage VIII - Utilities and Cal-Munster Pump Station outfall

Attached is the revised spreadsheet as requested. I have verified all but 203 NIPSCO NGL. I believe that I duplicated the natural gas line crossing at Columbia Avenue (Item No. 17), so I'm removing it from the spreadsheet. All other lines have been verified.

I spoke with HSD this morning about the Cal-Munster pump station outfall and they reminded me that I should inform you that they intend to remove the contact basin sometime in the future and pipe the discharge of the station directly to the LCR. It could be done under this flood control project or under a future HSD project. They don't believe that they will be able to come up with the funds in time for the flood control project to be bid because of other needs related to recent flooding in Hammond. Therefore, they wanted me to let you know that once they are prepared to pipe the discharge from Cal-Munster to the LCR they will construct it through whatever levee is in the place at that time. I don't know how this position affects your levee design. I was asked to pass this information on to the Corps.

Regards,
db

Dean D. Button, PE
 Sr. Project Manager
 SEH
 9200 Calumet Avenue, Suite N501
 Munster, IN 46321-2885
 219.513.2510
 dbutton@sehinc.com
 www.sehinc.com

17

9/20/2007

81

UTILITY	OWNER	TYPE OF UTILITY	EFFECT ON PROJECT	OWNER DESCRIPTION	FDM PLATE	FILE NO.	PROPOSED REMDIAL ACTION	LENGTH	CHECKED
112b	HAMMOND	STORM S	TL	Outfall	15	1S	REMOVE AND REPLACE	50	X
125	HAMMOND	STORM S	OL	1-12" VCP OUTFALL	6	1N	NO EFFECT	0	X
128	HAMMOND	STORM S	TL	1-4" VCP OUTFALL	6	1N	REMOVE	41	X
001	HSD	STORM S	TL	18"	17	1S	NO EFFECT	0	X
089a	HSD	COMBINED S	AL & TL	24"	7	1N	REMOVE AND REPLACE	155	
097a	HSD	COMBINED S	RC & TL	12" PIPE	6	1N	RELOCATE THROUGH WALL	45	X
097b	HSD	COMBINED S	RC & TL	12" PIPE	15	1S	REMOVE AND REPLACE	60	X
102	HSD	SANS	AL	48"	16	1S	NO EFFECT	0	
100a	AT&T	TEL	RC & TL	-	15	1S	RELOCATE THROUGH FB ZONE	105	X
100b	AT&T	TEL	RC & TL	-	15	1N	RELOCATE POLES - RAISE CABLES	60	X
101a	AT&T	TEL	RC & TL	-	15	1S	RELOCATE POLES - RAISE CABLES	84	X
101b	AT&T	TEL	TL	-	15	1S	RELOCATE	100	X
095	MUNSTER	COMBINED S	TL	18"	15	1S	REMOVE AND REPLACE - INSTALL WATER TIGHT CASING	185	X
122	MUNSTER	COMBINED S	OL	1-18" RCP OUTFALL	15	1S	INSTALL FLAP GATE	0	X
124	MUNSTER	STORM S	TL	1-36" RCP OUTFALL	15	1S	REPLACE AND INSTALL FG AND GW	74	X
033a	MWW	WL	TL	-	15	1S	RELOCATE THROUGH FB ZONE	60	X
033b	MWW	WL	TL	-	16	1S	RELOCATE THROUGH FB ZONE	38	
091a	NIPSCO	NGL	RC & AL	12" PL	6	1N	INSTALL WATERTIGHT CASING	105	X
091b	NIPSCO	NGL	RC & TL	12" PL	15	1S	INSTALL WATERTIGHT CASING	100	X
092a	NIPSCO	NGL	AL	4"	15	1S	INSTALL WATERTIGHT CASING	350	X
093	NIPSCO	NGL	AL	6" PL	15	1S	INSTALL WATERTIGHT CASING	350	X
098a	NIPSCO	EPL	RC & TL	#12-302 (#1443 & #12-502)	7	1N	RELOCATE POLES	75	X
098b	NIPSCO	EPL	TL	#12-302 (#1443 & #12-502)	15	1S	RELOCATE POLES	310	X
127	PRIVATE	STORM S	TL	1-4" RCP OUTFALL	6	1N	REMOVE	40	X
128	PRIVATE	STORM S	TL	1-4" PVC OUTFALL	8	1N	REMOVE	40	X
129	PRIVATE	STORM S	TL	1-4" PVC OUTFALL	8	1N	REMOVE	40	X
135	HAMMOND	S	TL	1-36" RCP OUTFALL	10	2N	REMOVE	30	X
136	HAMMOND	STORM S	TL	1-48" RCP OUTFALL	10	2N	REMOVE (SEE UTILITY 9)	0	X
145	HAMMOND	S	TL	1-24" RCP OUTFALL	11	2N	REPLACE AND INSTALL FG AND RRB	35	X
009	HSD	COMBINED S	TL	48"	10	2N	PROTECT	100	X
089b	HSD	COMBINED S	AL & TL	24"	8	2N	REMOVE AND REPLACE	190	X
089c	HSD	COMBINED S	AL	24"	9/10	2N	PROTECT	300	X
002	HWW	WL	TL	6"	9/10	2N	RELOCATE OUT OF ROW	310	X
006	IBT	TEL	AL & TL	IBT POLE	19/20/21	2S	RELOCATE POLES OUT OF ROW	320	X
007a	IBT	TEL	RC & TL	IBT POLE	11	2N	RELOCATE POLES	115	X
007b	IBT	TEL	RC & TL	IBT POLE	21	2S	RELOCATE POLES	85	X
147	INDOT	STORM S	TL	1-54" RCP OUTFALL	11	2N	INSTALL GW	0	X
130	MUNSTER	STORM S	TL	1-30" RCP OUTFALL	18	2S	REPLACE W/36 RCP AND INSTALL FG, GW, AND RRB	222	X
132	MUNSTER	S	TL	1-15" OUTFALL	19	2S	REPLACE AND INSTALL FG	75	X
137	MUNSTER	S	TL	1-30" RCP OUTFALL	20	2S	REPLACE AND INSTALL FG AND RRB	50	X
138	MUNSTER	S	TL	1-24" RCP OUTFALL	20	2S	REPLACE AND INSTALL FG AND RRB	50	X
139	MUNSTER	S	TL	1-30" RCP OUTFALL	20	2S	REPLACE AND INSTALL FG AND RRB	40	X
140	MUNSTER	S	TL	1-8" CMP OUTFALL	21	2S	REMOVE	70	X
141	MUNSTER	S	TL	1 OUTFALL	21	2S	REMOVE	75	X
143	MUNSTER	S	TL	1-24" RCP OUTFALL	21	2S	REMOVE	105	X
144	MUNSTER	S	TL	1-24" RCP OUTFALL	21	2S	REMOVE	40	X
146	MUNSTER	S	TL	1-24" RCP OUTFALL	21	2S	REMOVE	80	X
087a	MWW	WL	RC & TL	18"	20	2S	RELOCATE THROUGH FB ZONE	80	X
087b	MWW	WL	RC & TL	18"	9	2N	INSTALL WATERTIGHT CASING	40	
003	NIPSCO	EPL	TL	#12-505 (1PH) CHANGES TO 3PH	9/10	2N	RELOCATE POLES	490	X
004	NIPSCO	NGL	AL	6"	9/10	2N	RELOCATE OUT OF ROW	310	X
008a	NIPSCO	EPL	RC & TL	#12-505 ("-110)(3PH BOTH EPL)	11	2N	RELOCATE POLES	115	X

008b	NIPSCO	EPL	RC & TL	#12-505 ("-110)(3PH BOTH EPL)	21	2S	RELOCATE POLES	55	X
010	NIPSCO	EPL	AL	#12-502(2PH)	19/20	2S	SEE UTILITY 5	320	X
021	NIPSCO	EPL	AL	-	18	2S	RELOCATE POLES OUT OF ROW	735	X
142	PRIVATE	STORM S	TL	1-4" IRON OUTFALL	11	2N	REMOVE	100	X
011	HSD	STORM S	AL	75" (90")	24	3S	PROTECT	120	X
012a	HSD	COMBINED S	AL	21"	23	3S	RELOCATE OUT OF ROW	245	X
012b	HSD	COMBINED S	TL	21"	24	3S	RELOCATE THROUGH WALL	455	X
012c	HSD	COMBINED S	TL	30"	14	3N	RELOCATE THROUGH WALL	30	X
014	HSD	STORM S	TL	45"	13	3N	RELOCATE THROUGH WALL	90	X
018	HSD	COMBINED S	TL	36"	14	3N	REMOVE & REPLACE W/PCP - INSTALL FG, GW, &RRB	52	X
022	HSD	STORM S	TL	84"	14	3N	REMOVE AND REPLACE	45	X
120a	WWW	WL	RC & TL	20"	12	3N/3S	INSTALL WATERTIGHT CASING	110	X
120b	WWW	WL	RC & TL	20"	22	3N/3S	INSTALL WATERTIGHT CASING	30	X
148	MUNSTER	S	TL	1-48" RCP OUTFALL	22	3S	REPLACE AND INSTALL FG AND RRB	100	X
151	MUNSTER	COMBINED S	TL	1 OUTFALL	23	3S	REMOVE	30	X
152	MUNSTER	COMBINED S	TL	1-24" RCP OUTFALL	24	3S	REMOVE	46	X
153	MUNSTER	COMBINED S	TL	1 OUTFALL	24	3S	REMOVE	30	X
154	MUNSTER	STORM S	TL	1-24" CMP OUTFALL	24	3S	REMOVE	80	X
015a	WWW	WL	TL	6"	24	3S	NO EFFECT	0	X
015b	WWW	WL	TL	6"	24	3S	NO EFFECT	0	X
088a	WWW	WL	RC & TL	12" (RCW-3)	12	3N	INSTALL WATERTIGHT CASING	15	X
088b	WWW	WL	RC & TL	12" (RCW-3)	22	3S	INSTALL WATERTIGHT CASING	30	X
017a	NIPSCO	NGL	RC & TL	12"	14	3N	INSTALL WATERTIGHT CASING	410	X
017b	NIPSCO	NGL	RC & TL	12"	24	3S	INSTALL WATERTIGHT CASING	30	X
019a	NIPSCO	NGL	RC & TL	12"	14	3N	RELOCATE THROUGH WALL	30	X
019b	NIPSCO	NGL	RC & TL	12"	24	3S	INSTALL WATERTIGHT CASING	25	X
020	NIPSCO	NGL	TL	6"	22	3S	TERMINATE OUT OF ROW	30	X
028a	NIPSCO	EPL	TL	#12-498	14	3N	RELOCATE POLES	65	X
028b	NIPSCO	EPL	TL	#12-498	24	3S	RELOCATE POLES	70	X
200	NIPSCO	NGL	RC & TL	UNK	15	1S	INSTALL WATERTIGHT CASING	X	
201	HSD	STORM S	TL		18	2S	PROTECT	X	
202	HSD	COMBINED S	TL	36" OVERFLOW	14	3N	REPLACE	50	X
204	HSD	COMBINED S	AL	42"	10	2N	PROTECT	X	
205	HSD	COMBINED S	AL	78"	10	2N	PROTECT	X	
206	HSD	SANS		24	10	2N	PROTECT	X	
207	AT&T	TEL		14"x14" DUCT	11	2N	PROTECT	X	
208	HSD	COMBINED S		INVERTED SIPHON (NEW)	7	1N	PROTECT	X	

19

801 East Main Street
Griffith, IN 46319
Ph. 219-924-7528
Fax 219-922-8409
austgen.com



AUSTGEN ELECTRIC INC.

Since 1945

Engineering
Process Control
Network Service
Telecommunications
Fleet Service

Jim Pokrajac
Little Calumet River Basin Development
6100 Southport
Portage, IN 46368

September 8, 2007

Re: Sluice Gate & Flap Gate Problems.

Jim, as we discussed we have cleaned 15 flap / sluice gates. The majority of the gates are very difficult to access. In order for us to clean the worst ones we have use 5 gallon buckets, ropes, and pulleys. The area around the gates hold water and require we use waders, life jackets and on one a boat. We have attached lifting cables to the flap gates we have cleaned this is required since the gates remain under water most of the time. In order to get to the lifting eye we had to use an under water camera. I would think none of this was anticipated by the ACOE when they were designed. We have found several flap gates wedged open by large sticks and they will not seal when the discharge water elevation changes and requires the flap gate to seal. As you know we cleaned the gates and a large amount of rain came two weeks later and now they all need cleaning again. While there is nothing which can be done with the debris the intakes could be modified to include a large grated intake which could be lifted out with a crane and dumped. The flap gates could be changed to the duckbill type. In several of the sluice gates the silt has build up under the gate which keeps it from closing. I think all the approaches to gates should be concrete with large tapered openings, funneling the water to the gate in a channel this would increase the velocity of the water and wash away the silt. These are just a few ideas which will make the cleaning less costly and reduce the number of cleanings.

Respectfully yours,

Mike Austgen
President